

Market Comment | Trade worries linger in financial markets

Global Financial Markets Unit 04 Sep 2018

- Cautious tone in financial markets as trade worries continued lingering. Investors' focus remained
 on tomorrow's NAFTA talks between the US and Canada, and the possibility of fresh US tariffs on
 Chinese imports at the end of the week.
- In this context, tensions prompted outflows from developed equity markets. After yesterday's US
 holiday in which markets were closed, US stocks opened with losses, despite the release of higher-thanexpected confidence data for the US (see). European equity indices also dropped, while in Asia, Chinese
 stocks recovered from yesterday's losses.
- Despite surrounding risks, core yields inched up: the 10Y Treasury reached the 2.90% threshold while the 10Y Bund yield continued below 0.4%. Italy's risk premium continued to narrow from recent high levels, while other peripheral risk premia remained steady.
- The USD benefited from the cautious mood in the markets and appreciated across the board, while the EUR fell below 1.16 against the USD. In EM markets, pressure continued on currencies: the South African Rand fell sharply after poor growth data (see), while the Mexican peso felt the pressure ahead of NAFTA talks. The announcement of fiscal measures in Argentina was not enough to calm markets and the ARS continued its downward trend (see).
- Crude oil prices continued to increase due to a weather-related issue in the Gulf of Mexico which affected crude production, adding more pressure to concerns on oil supply (see).

Table 1 Update 17:45 CET September 04



US (2-yr) US (2-yr)		anges in Daily	Week	Month	YTE
	2.65 2.90	2.6 4.2	-1.2 2.2	Month 1 -5	73 44
Germany	-0.58 0.36	2.2	-0.4 -2.2	1	3 -16
France	0.69	0.1	.25	-5	-13 -25
Spain Italy	1.43 3.01	-2.3 -15.0	-2.8 -17.6	1 8	92
Portugal Greece	1.86 4.56	-4.2 10.9	-1.2 36.4	8 46	-15 46
Japan (2-yr) Japan	-0.11 0.12	-0.5 0.5	-0.1 2.5	0	2 8
Emerging Markets			Weekly 25.6	Monthly 120	
Brazil Chile	12.35 4.45	0.2 -1.2	25.6 0.8	-11	210 -7
Colombia Mexico	6.85 7.99	1.7 6.3	0.1 15.2	-2 28	41 41
Peru Poland	5.14 3.22	0.3	2.4	8	26 -9
Russia	8.93	14.0	5.7 17.4	100	130
Turkey India	19.92 8.06	-29.0 6.3	-77.0 16.6	157	856 68
Indonesia	8.40	8.9	47.1	58	211
Developed Markets	isk (bp. chang level	es in bp) Daily	Weekly	Monthly	YTE
10-yr sovereign spread vs Germany France	34	-2.4	-0.3		
Italy	265	-17.5 -6.7	-15.4	0 13	108
Portugal Spain	151 107	-6.7 -4.8	1.0	13 5	-8
2-yr sovereign spread vs Germany					
France Italy	17	-0.8 -28.9	-1.1 -14.0	-3 12	134
Portugal	171 46	-2.3 -2.5	5.2	2	-4
Spain Emerging Markets	31 level	-2.5 Daily	4.3 Weekly	1 Monthly	4 YTT
5-yr sovereign CDS *					
Brazil Chile	307 56	7.1 0.5	26 3	92	147
Colombia	111	0.0	3	6	- 6
Argentina Mexico	778 120	0.0	187 7	346 3	540 13
Peru	83	0.0	2	5	- 11
Poland Russia	63 168	1.1	0 5	1 30	14 50
Turkey	580	-1.8	101	238	416
China India	61 88	0.0	5 -1	-3 -1	10 19
Indonesia	130 isk indicators	3.2	15	12	45
Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	YTC
VIX	14	0.7	1	2	- 4
VSTOXX EM EFT volatility Index	16 22	0.9 2.1	3	3 4	3 6
Dollar/euro volatility	8	0.3	- 1	1	1 5
EM FX volatility index Credit spread (BAA) (change in bps)	188	-4.2	-2	4	10
US bonds volatility index Inflation expectations (%)	51 level	0.0	1 Weekly	3 Monthly	2
US Inflation expectations (5Y5Y)	2.41	- oraniy	-1	Monthly -4	9
EZ Inflation expectations (5Y5Y) Banking 5 y CDS (tops) *	1.70	D Silve	-2 Weekly	-2 Monthly	-4 YT0
US	53	Daily 0.1	1	3	10
EZ UK	97 68	0.0 -0.1	4 3	14	58 27
Large Spanish	85	-0.2	7	10	49
Medium Spanish Corporate 5y CDS (bps) *	93 level	1.1 Daily	4 Weekly	3 Monthly	19 YT0
US Non-financial	162	0.1	1	3	10
EZ Non-financial UK Non-financial	79 100	0.0 -0.1	4	14	58 7
Interbank m	arkets (%, che	anges in b	p)		
EONIA Index	-0.36	Daily	Weekly	Monthly	YTO
Euribor 3m Euribor 12m	-0.32	0	0	0	- 1
Euribor 12m Libor 3m	-0.17 2.32	-1	0	-2	62
Libor 12m	2.84	0	2	- 1	62 73
	ck markets (
Main indices S&P500	2,895	Daily -0.2	Weekly -0.1	Monthly 1.9	YT0
Dow Jones	25.890	-0.3	-0.7	1.7	- 4
Nikkel FTSE 100	22,697 7,459	0.0 -0.6	-0.5 -2.1	0.8	-2
EuroStoxx 50 BEX	7,459 3,359	41.1	-2.6	-2.6 -3.5	-4
DAX	9,371 12,207 5,343	-0.1 -1.1 -1.3	-2.5 -2.6	-3.8 -3.2	-7 -5
CAC	5,343 20,600	1.0	-2.6 -0.1	-2.5 -4.6	-6
ASE Athens	710	-2.2 -0.5	-3.7	-6.8	-13
MSCI Latam * Ibovespa (Brazil)	84,399 75,316	-0.5 -1.2	-1.9 -2.8	-2.9 -7.5	-2 -3
	49.080	-0.8	-1.9	-0.5	-2
Merval (Argentina) MSCI EM Europe *	28,450 5,360	-1.2 0.1	13.6	-2.6 0.4	-8
	2.321				0
	4.05.4	-1.5	-2.9	1.5	-6
Micex 10 (Russia) ise 100 (Turkey)	4,254 93,189	-0.6 -0.8	-2.9 -0.1 -0.7	-1.6 -2.5	
Micex 10 (Russia) ise 100 (Turkey) MSCI EM Asia *	4,254 93,189 880	-0.6 -0.8 -0.8	-2.9 -0.1 -0.7 -1.2	-1.6 -2.5 0.3	-6 3 -21
Shanghai Com (China)	4,254 93,189	-0.6 -0.8 -0.8 1.1 -1.9	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0	-1.6 -2.5	-6 3 -21 -5 -18 -7
Shanghai Corn (China) Jakarta (Indonesia) Banking sector	4,254 93,189 880 2,751 5,905	-0.6 -0.8 -0.8 1.1 -1.9 Daily	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0 Weekly	-1.6 -2.5 0.3 0.4 -1.8 Monthly	-6 3 -21 -5 -18 -7
Shanghai Com (China) Jakarta (Indonesia) Banking sector US banks JPM	4,254 93,189 880 2,751 5,905 level 147.0	-0.6 -0.8 -0.8 1.1 -1.9 Daily -0.2 -0.1	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0 Weekly -1.8 -1.4	-1.6 -2.5 0.3 0.4 -1.8 Monthly -1.5 -2.2	-6 3 -21 -5 -18 -7 YT0 -1 6
Shanghai Com (China) Jakarta (Indonesia) Banking sector US banks JPM Citi	4,254 93,189 880 2,751 5,905 level 147.0 114.5 71.2	-0.6 -0.8 -0.8 1.1 -1.9 Daily -0.2 -0.1 -0.1	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0 Weekly -1.8 -1.4 -1.7	-1.6 -2.5 0.3 0.4 -1.8 Monthly -1.5 -2.2 -1.7	-6 3 -21 -5 -18 -7 YTD -1 6 -4
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Shanghail Com (China) Jakarta (Indonesia) Janking sector US banks JPM Citi BoA MS	4,254 93,189 880 2,751 5,905 level 147.0 114.5 71.2 31.0 48.5	-0.6 -0.8 -0.8 1.1 -1.9 Daily -0.2 -0.1 -0.1 0.2 -0.7	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0 Weekly -1.8 -1.4 -1.7 -0.8 -3.0 -2.4 -0.0	-1.6 -2.5 0.3 0.4 -1.8 Monthly -1.5 -2.2 -1.7 -1.6 -2.8 1.1 -6.3	-6 3 -21 -5 -18 -7 VIII -1 6 -4 4 -7 -7 -7 -20
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Steegind Corn Chanol January 1997 January	4,254 93,189 2,751 5,905 level 147.0 114.5 71.2 31.0 48.5 71.2 31.0 31.0 31.0 31.0 31.0 31.0 31.0 31.0	0.6 0.8 1.1 1.9 0.2 0.1 0.1 0.1 0.1 0.5 1.8 0.6 1.2 5.1 1.0 0.4 1.7 1.9 1.2 0.3	-2.9 -0.1 -0.7 -1.2 -1.0 -2.0 -2.0 -2.0 -2.1 -1.8 -1.4 -1.7 -0.8 -3.0 -2.4 -0.0 -2.1 -0.7 -0.2 -3.1 -1.9 -0.2 -1.5 -0.7 -2.0 -1.8	-1.6 -2.5 -0.3 -0.4 -1.8 -1.5 -2.2 -1.7 -1.6 -2.8 -1.1 -6.3 -6.4 -1.1 -8.6 -10.2 -6.6 -4.3 -9.9 -4.4 -5.4 -4.2 -3.5 -10.1 -8.7	-6 3 3 -211 -5 -18 -7 -7 -7 -10 -1 -11 -11 -11 -11 -23 -21 -21 -21 -21 -21 -21 -21 -21 -21 -21
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Steegind Corn Chaba) January Corn Chaba January Corn Chaba January Chaba Janu	4,254 93,189 880 2,751 5,905 level 147.0 114.5 71.2 31.0 48.5 236.7 87.3 50.9 12.1 9.8 11.5 2.3 11.5 2.3 11.5 2.3 11.5 2.3 3.0 82.0 677.3 247.0 180.9 60.4 4.3 5.4 70.1	-0.6 -0.8 1.1 -1.9 0.2 -0.1 0.2 -0.1 0.2 -0.7 1.5 0.5 1.8 0.6 -1.2 0.4 1.7 1.9 1.2 0.3 2.2 2.4 0.4 0.3 2.4 0.4 0.3	2.9 0.1 1.0 0.7 1.2 0.0 Weekly 1.8 1.4 1.7 0.8 1.3 0.0 0.2 1.1 0.7 0.6 2.4 1.7 0.6 0.7 0.2 2.1 1.1 1.1 1.9 0.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	1.6 2.5 0.3 0.4 1.8 Monthly 1.5 2.2 2.1.7 1.6 3.1.1 6.3 6.4 1.1 6.3 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	-6 3 3 -211 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Steegind Corn Chaba) January 100 (Chaba) January	4,254 93,189 880 2,751 5,905 1evel 1147.0 1147.0 31.0 48.5 236.7 87.3 50.9 12.1 9.8 11.5 2.3 35.7 13.0 82.0 677.3 247.0 180.9 60.4 65.3 4.3 5.4 70.1 4.0	-0.6 -0.8 -0.1 -0.9 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.5 -1.5 -1.8 -0.6 -1.2 -1.1 -1.0 -1.2 -1.1 -1.0 -1.0	2.9 0.1 0.7 1.2 0.0 Veckly 1.8 1.4 1.7 0.8 3.0 2.0 0.0 2.1 0.7 0.6 2.3 1.1 1.9 0.2 1.5 0.7 0.0 1.8 2.2 2.1 1.5 0.7 2.0 2.8 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	1.6 2.5 3.0 4.4 1.8 Morthly 1.5 2.2 1.7 1.6 6.3 6.4 1.1 1.6 6.6 6.4 1.0 2.6 6.6 4.3 9.9 4.4 4.2 4.1 1.3 5.1 1.1 1.8 7.1 1.1 1.8 7.1 1.1 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.7 1.9 2.6 7.1 1.9 2.0 7.1 1.9 2.0 7.	-6 3 3 -211 -5 -5 -18 -7 -7 -7 -1 -1 -1 -1 -1 -1 -2 -2 -9 -9
Internigent Corn (Entern) disease in the control of	4,254 93,189 880 2,751 5,905 1evel 1147.0 31.0 48.5 236.7 87.3 50.9 12.1 9.8 11.5 2.3 35.7 13.0 82.0 677.3 247.0 60.4 65.3 4.3 5.4 70.1 4.0 1.3 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	-0.6 -0.8 1.1 -1.9 -0.8 1.1 -1.9 -0.1 -0.7 -0.5 -1.5 -1.8 -1.2 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.1	2.9 0.1 0.7 1.2 0.7 1.2 1.0 1.8 1.4 1.7 0.8 3.0 0.2 2.4 0.0 0.2 2.1 0.7 2.1 0.7 2.1 0.7 2.1 0.7 2.1 0.7 0.8 2.1 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1.6 2.5 0.3 0.4 1.8 Monthly 1.5 2.2 2.1.7 1.6 3.1.1 6.3 6.4 1.1 6.3 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.2 6.6 10.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	-6 3 3 -211 -11 -11 -11 -11 -11 -23 -24 -9 2 2 -21
International Control (Charles) Linking Lecture (Charles) Linking Linking Lecture (Charles) Linking	4,254 93,189 880 2,751 5,905 level 147.0 114.5 71.2 31.0 48.5 72.6 87.3 50.9 12.1 9.8 11.5 2.3 35.7 13.0 60.0 60.4 60.4 60.1 3.3 7.8 3.3 3.3 7.8 3.3 3.3 7.8 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	-0.6 -0.8 -0.8 -0.1 -0.9 -0.1 -0.1 -0.1 -0.7 -0.5 -0.5 -1.8 -0.6 -1.2 -0.1 -0.4 -1.7 -0.4 -1.2 -1.0 -1.2 -1.1 -1.2 -1.3 -1.4 -1.2 -1.3 -1.4 -1.3 -1.4 -1.5 -1.5 -1.5 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6	2.9 0.1 0.7 -1.2 0.7 -1.2 1.0 -2.0 Weekly 1.4 1.7 0.8 0.0 2.1 0.7 -2.0 0.5 2.1 0.7 -2.0 0.5 2.1 1.1 1.9 0.2 2.1 1.1 1.9 0.2 2.1 1.1 1.9 0.2 2.1 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 1.1 1.9 0.2 0.2 0.4 1.1 1.9 0.2 0.4 1.1 1.9 0.2 0.4 1.1 1.9 0.2 0.4 1.9 0.2 0.4 1.9 0.5 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	1.6 0.3 0.4 1.8 1.8 1.5 1.1 1.5 1.5 1.1 1.6 1.3 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.1 1.1 1.1	-6 3 21 -5 -18 -7 7 10 -1 -1 -1 -1 -1 -1 -1 -2 3 -2 1 -2 4 -9 2 2 -18
Interruption Corn (Entern) industry to the Corn (Entern) industry to the Corn (Entern Entern	4,254 93,189 880 2,751 5,905 level 147,0 114,5 71,2 31,0 48,5 723,7 87,3 50,9 12,1 9,8 11,5 2,3 35,7 13,0 677,3 247,0 180,9 60,4 65,3 4,3 7,8 11,3 7,8 11,3 82,0 11,3 82,0 67,3 82,0 82,0 82,0 82,0 82,0 82,0 82,0 82,0	-0.6 -0.8 -0.8 -0.8 -0.1 -0.9 -0.1 -0.1 -0.1 -0.1 -0.5 -0.5 -1.2 -1.1 -0.6 -1.2 -1.1 -0.3 -0.4 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	2.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.6 0.3 0.4 1.8 1.8 1.5 2.2 1.7 1.6 2.8 1.1 1.6 3.4 1.1 1.6 3.4 1.1 1.1 1.2 1.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-6 3 3 -211 -5 -5 -18 4 4 -7 7 7 7 10 -1 1 -1 1 -1 1 -1 1 -1 1 -1
International Control (Charles) Language Control (Charles	4,254 93,189 880 2,751 5,905 level 147.0 114.5 71.2 31.0 236.7 87.3 31.0 48.5 236.7 13.0 82.0 677.3 247.0 65.3 5.4 4.3 5.4 7.0 11.3 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	0.6 0.8 0.8 1.1 1.9 0.2 0.1 1.9 0.2 0.1 1.5 0.5 1.5 1.2 0.4 1.7 1.9 1.2 0.4 1.7 1.9 1.2 0.3 0.4 1.7 1.9 1.2 0.3 0.4 1.7 1.9 1.2 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.4 0.5 0.3 0.3 0.3 0.4 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 0.3 0.5 0.3 0.3 0.3 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	2.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.6.0 0.4 1.8 Morthly 1.5 2.2 1.7 1.6.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-6 -3 -21 -5 -18 -7 -7 -10 -11 -11 -11 -11 -23 -21 -2 -2 -18 -4 -6 -6 -1
Intergrate Corn (Enters) listents to thickness of the Corn (Enters) listents to thickness of the Corn (Enters) listents to thickness of the Corn (Enters) listents to the Corn (Enters) li	4,254 93,189 880 2,751 5,905 level 147.0 114.5 771,2 771,2 771,2 110,0 48.5 236.7 87.3 50.9 12.1 9.8 11.5 23.7 13.0 62.0 12.1 18.0 96.4 65.3 4.3 7 7 13.0 13.0 13.0 14.0 15.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	0.6 0.8 0.8 1.1 1.9 0.1 1.9 0.1 0.1 1.9 0.1 0.1 1.5 0.5 1.8 0.6 1.1 1.0 0.3 8 1.2 1.1 1.0 0.3 8 1.2 1.2 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	2.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.6.0 0.4 1.8 Morthly 1.5 2.2 2.8 1.1 1.6 2.8 8.6 1.0 1.2 1.7 1.1.6 2.8 8.6 1.0 2.8 1.1 1.1 6.3 1.1 1.1 6.3 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	-6 3 21 -5 -18 4 -7 -7 -7 -10 -11 -11 -11 -11 -11 -21 -21 -21 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Interruption Corn (Entern) industry to the Control (Entern) industry to thorouse in Control (Entern Entern	4.254 8.80 8.80 8.80 8.80 8.80 8.80 8.80 8.8	0.6 0.8 1.1 1.2 0.2 0.1 1.1 1.2 0.3 1.2 0.4 0.1 1.2 0.3 1.2 0.4 1.7 1.9 0.5 1.5 0.6 1.2 0.4 1.7 1.9 0.5 1.8 0.6 1.2 0.4 0.1 1.7 1.9 0.3 1.8 0.4 0.3 1.2 0.3 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	11.6 2.5 0.3 Monthly 1.15 2.2 1.7 1.6 6.3 1.1 1.1 1.2 1.6 6.3 1.1 1.1 1.2 1.6 6.3 1.1 1.1 1.2 1.5 1.1 1.1 1.2 1.5 1.1 1.1 1.2 1.6 1.1 1.1 1.2 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-6 3 21 -21 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Steepink Corn (Chana) Jack Sept Section (Chana) Jack Sept Sept Sept Sept Sept Sept Sept Sept	4.254 9.3189 880 9.3189 880 9.3189 880 9.3189 880 9.3189 880 9.3189 880 9.3189	0.6 0.8 0.8 1.1 1.19 0.2 0.1 0.2 0.1 1.1 0.2 0.7 0.5 1.8 0.6 1.2 1.1 1.0 0.5 1.8 1.2 1.2 0.3 0.4 1.7 1.2 0.3 0.5 1.3 0.5 0.5 1.8 0.6 0.3 0.5 1.3 0.5 0.5 1.8 0.3 0.4 1.7 1.7 1.9 1.2 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2-9 0.1 0.1 0.7 1.2 1.0 0.7 1.2 1.0 0.1 1.0 0.7 1.2 1.0 0.1 1.0 0.1 1.0 1.0 1.0 1.0 1.0 1.0	11.6 2.5 0.3 0.4 1.8 Morethy 1.5 1.5 1.6 2.2 2.8 1.1 1.7 1.6 6.6 6.3 1.1 1.0 2.6 6.6 6.5 1.1 1.0 2.6 6.6 6.7 1.1 1.0 2.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-6 3 3 -21 -5 -5 -18 8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
International Control Chairman Land	4.254 9.3,169 880 1107 1107 1107 1107 1107 1107 1107	0.6 0.8 0.8 1.1 1.19 0.2 0.1 0.2 0.1 1.1 0.2 0.7 0.5 1.8 0.6 1.2 1.1 1.0 0.5 1.8 1.2 1.2 0.3 0.4 1.7 1.2 0.3 0.5 1.3 0.5 0.5 1.8 0.6 0.3 0.5 1.3 0.5 0.5 1.8 0.3 0.4 1.7 1.7 1.9 1.2 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.6.0 0.4 1.8.8 Monthly 1.5 2.2 1.7 1.6.6 1.1.1 1.6.3 1.1.1 1.6.3 1.1.1 1.0.2 1.6.3 1.1.1 1.0.2 1.6.4 1.1.1 1.0.2 1.0.1 1.1.1 1.0.2 1.0.1 1.1.1 1.0.2 1.0.1 1.1.1 1.0.2 1.0.1 1.1.1 1.0.2 1.0.1 1.1.1 1.0.2 1.0.1 1.1.1 1.0.1	-6 3 21 -21 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Steepind Corn Chaba Joseph Corn	4.254 8.25 8.25 8.25 8.25 8.25 8.25 8.25 8.25	0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.90 0.11 0.07 1.12 1.10 0.17 1.12 1.10 0.10 1.10 1.10 1.10 1.10 1.10	1-1.6 2.5 0.3 0.4 1-1.8 0.4 1-1.8 1-1.5 1-1.5 1-1.6 1-	-6 3 -21 -5 -5 -18 -7 -7 -11 -11 -11 -23 -21 -24 -6 -1 1 4 4 7 -7 -7 -17 -17 -17 -17 -17 -17 -17 -17
Steepind Corn Chatal	4.254 9.285 9.287	0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.9 0.1 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1-1.6 2.5 0.3 0.4 1-1.8 0.4 1-1.8 1-1.5 2-1.2 2-1.1 1-1.6 2-1.8 1-1.1 1-1.6 1-1.1 1-1.6 1-1.1 1-1 1-	-6 3 -21 -5 -5 -188 -7 -7 -7 -7 -7 -11 -11 -11 -23 -21 -24 -5 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Service Committee Service Serv	4254 9 3,169 800 9	0.6 0.8 0.8 0.8 1.1 1.1.9 0.2 0.1 0.2 0.1 1.1 1.9 0.2 0.1 1.5 0.5 0.5 1.1 1.0 0.3 0.5 0.4 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.9 0.1 1.0 1.1 1.2 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2	11.6 2.5 0.3 0.4 1.8 0.4 1.8 1.5 2.2 1.7 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.1 2.8 1.1 1.1 2.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	6 3 3 21 5 5 18 7 7 YICC 14 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Service Committee Service Serv	4.254 9.3.189 8.00 1.3.189 8.00 1.3.189 8.00 1.3.189 9	0.6 0.8 0.8 1.1 1.19 0.2 0.1 1.19 0.2 0.1 1.1 1.9 0.2 0.1 1.5 0.5 0.5 1.1 1.2 0.3 1.2 0.4 0.3 1.2 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.90 -0.11 -0.71 -0.71 -1.02 -1.03 -0.04 -1.04 -1.05 -	1-1.6 2.5 0.3 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.4 1.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	6 3 3 21 5 5 18 4 4 4 7 7 7 200 18 8 255 17 17 11 11 11 11 11 11 11 11 11 11 11
Service Committee Committe	4.254 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.2189 9.228 9	0.6 0.8 0.8 1.1 1.9 0.2 0.5 1.1 0.2 0.2 0.7 0.5 1.8 0.8 1.2 0.1 1.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0	2.90 -0.11 -0.71 -0.71 -1.02 -1.03 -0.71 -1.04 -1.05 -	1-1.6 2.5 0.3 0.4 1-1.8 0.4 1-1.8 0.4 1-1.1 1-2.2 1-7 1-1.6 1-2.8 1-1 1-3.4 1-1 3.4 1-	66 3 3 211 5 5 18 4 4 4 4 7 7 7 7 111 111 111 111 111 111
Steepind Corn Chaba Johan Tolkowskii Jim Corn Chaba Jim Chaba Ji	4.254 8.00 9.21.09 9.00 9.00 9.00 9.00 9.00 9.00 9.00	0.68 0.88 1.1 1.19 0.21 0.21 0.21 0.7 0.5 1.5 1.6 0.6 1.12 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	2.9	1-1.6 2.5 0.3 0.4 1-1.8 0.4 1-1.8 0.5 1-1.6 1-2.8 1-1.1 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	-6 -6 -3 -21 -5 -5 -11 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Service Committee Committe	4.254 9.2189 9.2189 9.2189 9.2189 9.2189 1147.0 114	0.6 0.8 0.8 1.1 1.19 0.2 0.5 1.5 0.5 1.8 0.6 1.2 0.5 1.1 0.0 1.2 0.5 1.5 1.8 0.6 1.2 0.7 1.2 0.5 1.5 0.6 0.6 1.2 0.7 1.2 0.5 1.5 0.6 0.6 1.2 0.7 1.2 0.5 1.5 0.8 1.2 0.7 1.2 0.5 1.3 0.4 0.5 1.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.9 (1.0 m) (1	1-16. 2.5 0.3 0.4 1.8 Morethly 1-15. 2.6 1.1 1.3 1.4 1.9 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.3 2.6 1.0 1.0 1.3 2.6 1.0 1.0 1.3 2.6 1.0 1.0 1.3 2.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-6 -6 -3 -21 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Service Committee Committe	4.254 9.2189 9.8019 1147.0 114	0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.99	1-1.6 2.5 0.3 0.4 1-1.8 0.4 1-1.8 0.5 1-1.6 1-2.8 1-1.1 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	-6 -6 -3 -21 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Service Committee Committe	4.254 9.2189 9.2189 9.2189 9.2189 147.03 147	0.6 0.8 0.8 0.8 1.1 1.1 1.9 0.2 0.1 0.1 1.1 0.1 1.1 0.2 0.1 1.1 0.2 0.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	2.9 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1-16. 0.4 Morethy 1-15. 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.	6 6 3 3 4 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Steepind Corn Chaba Joint to Book Corn Chaba Joint to Book Corn Chaba Joint to Book Corn Chaba Joint Corn Chaba Joint Corn Chaba Joint Chaba	4.254 9.2189 9.2189 9.2189 9.2189 9.2189 147.0 1145.0 1247.0 1247.0 1247.0 1248.0 1247.0 1248.0 1247.0 1248.0 1247.0 1248	0.68 0.88 0.88 1.1 1.19 0.2 0.1 0.1 0.1 0.1 1.19 0.2 0.7 0.7 1.9 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	2.9	1-16. 2-2.5 0.3 0.4 0.4 0.4 0.1 1-1. 1-1. 1-1. 1-1. 1-1. 1-1. 1-1.	3 3 3 3 4 4 4 4 7 7 7 7 7 7 7 7 7 7 7 7
Service Committee Committe	4.254 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.9 2.9 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	1-16. 0.4 Morethy 1-15. 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.	3 3 6 6 3 7 7 7 7 9 9 9 2 1 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IX Books IX Books IX Books Ix	4.254 8.00 9.3,189 8.00 9.3,189 8.00 8.00 8.00 1.144.0 1.144.0 1.156 8.13 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.68 0.88 0.88 1.11 1.19 0.22 0.71 0.11 0.11 0.12 0.72 0.73 0.73 0.74 0.75 0.75 0.75 0.88 0.86 0.86 0.87 0.87 0.87 0.87 0.87 0.87 0.87 0.87	2.9	1-16. 2-2.5 0.3 0.4 1-18. 0.4 1-18. 0.4 1-19.	





Debt markets Developed Markets US (2-yr)		anges in i	p)		
	2.65	2.6	-1.2 2.2	Month 1	77D
US GER (2-yr) Germany	2.90 -0.58	4.2 2.2	-0.4 -2.2	-5 1	44
France	0.36	2.5 0.1	-2.5	-5 -5	-16 -13 -25
Spain	1.43 3.01	-2.3 -15.0		1 8	-25 92
italy Portugal Greece	1.86 4.56	-4.2 10.9	-17.6 -1.2 36.4	8 46	-15 46
Japan (2-vr)	-0.11 0.12	-0.5 0.5	-0.1 2.5	0	2 8
Japan Emerging Markets	level		2.5 Weekly 25.6	Monthly	
Brazil Chile	12.35 4.45	0.2	25.6 0.8	120 -11	210 -7
Colombia Mexico	6.85	-1.2 1.7	0.1	-2 28	41 41
Peru	7.99 5.14	6.3 0.3	15.2 2.4	8	26
Poland Russia	3.22 8.93	0.6 14.0	5.7 17.4	10 100	-9 130
Turkey India	19.92 8.06	-29.0 6.3	-77.0 16.6	157 30	856 68
Indonesia	8.40	8.9	47.1	58	211
Country ri Developed Markets	sk (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany					
France Italy	34 265	-2.4 -17.5	-0.3 -15.4	0 13	108
Portugal Spain	151 107	-17.5 -6.7 -4.8	1.0 -0.6	13 5	-8
2-yr sovereign spread vs Germany					
France	17 171 46	-0.8 -28.9	-1.1 -14.0	-3 12	0 134
Portugal	46 31	-2.3 -2.5	5.2 4.3	2	-4 4
Spain Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	307	7.1	26	92	147
Chile	56	0.5	3	7	7
Colombia Argentina	111 778	0.0	3 187	6 346	6 540
Mexico	120	0.0	7	3	13
Peru Poland	83 63	0.0	2	5 1	11 14
Russia Turkey	168 580	1.1 -1.8	5 101	30 238	50 416
China	61	0.0	5	-3	10
India Indonesia	88 130	0.1 3.2	-1 15	-1 12	19 45
Ri	sk indicators				
Volatilty indicators (change in pp)	level 14	Daily 0.7	Weekly 1	Monthly 2	YTD 4
VSTOXX	16	0.9	3	3	3
EM EFT volatility Index Dollar/euro volatility	22 8	0.3	1	4	6 1
EM FX volatility index Credit spread (BAA) (change in bps)	13 188	0.1	0	4	5 10
Credit spread (BAA) (change in bps) US bonds volatility index Inflation expectations (%)	188 51	0.0	1	3	10 2 YTD
US Inflation expectations (5Y5Y)	level 2.41	Daily -	Weekly -1	Monthly -4	9
EZ Inflation expectations (5Y5Y)	1.70	- 1	-2	-2	-4
Banking 5 y CDS (bps) *	level 53	Daily 0.1	Weekly 1	Monthly 3	YTD 10
EZ UK	97 68	0.0	4 3	14	58 27
Large Spanish	85	-0.2	7	10	49
Medium Spanish	93	1.1 Daily	4 Weekly	3 Monthly	19 YTD
US Non-financial	162	0.1	1	3	10
EZ Non-financial UK Non-financial	79 100	0.0 -0.1	1	14	58 7
Interbank ma	ırkets (%, che	nges in b	p)		
EONIA Index	-0.36	Daily 0	Weekly 1	Monthly	YTD 1
Euribor 3m Euribor 12m	-0.32 -0.17	0	0	0	1 2
Libor 3m Libor 12m	2.32 2.84	-1 0	0	-2 1	62 73
	ck markets (7.5
Main indices	level		100-100-	Monthly	YTD 7
S&P500 Dow lones	2,895	-0.2	-0.1	Monthly 1.9	7
Dow Jones	2,895 25,890 22,697	-0.3 0.0	-0.7 -0.5	1.7 0.8	4
Dow Jones Nikkei FTSE 100 EuroStoxx 50	2,895 25,890 22,697 7,459	-0.3	-0.7 -0.5 -2.1 -2.6	1.7 0.8 -2.6 -3.5	4 0 -2 -4
Dow Jones Nikkel FTFSE 100 EuroStoxx 50 BEX	2,895 25,890 22,697 7,459 3,359 9,371	-0.3 0.0 -0.6 -1.1 -0.1	-0.7 -0.5 -2.1 -2.6 -2.5	1.7 0.8 -2.6 -3.5 -3.8	4 0 -2 -4 -7
Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343	-0.3 0.0 -0.6 -1.1 -0.1 -1.1 -1.3	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5	4 0 -2 -4
Dow Jones VR6x4 VR6x5 VR	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600	-0.3 0.0 -0.6 -1.1 -0.1 -1.1 -1.3 1.0	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6	4 0 -2 -4 -7 -5 1 -6
Dow Jones Vikkel TISE TOO EuroStox S O BEX DAX DAX ACAC MARK MARK Althens MSCL Latam *	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399	-0.3 0.0 -0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.5	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -2.6 -0.1 -3.7 -1.9	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9	4 0 -2 -4 -7 -5 1 -6 -13 -2
Dow Jones PTSE 100 EEECSTOK 50 BEX DAX CACAC ACACAC ACACAC BOST BOST BOST BOST BOST BOST BOST BOST	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080	0.3 0.0 0.6 -1.1 -0.1 -1.1 -1.3 1.0 -2.2 -0.5 -1.2	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2
Dow Jones PTSE 100 EEECSTOK 50 BEX DAX CACAC ACACAC ACACAC BOST BOST BOST BOST BOST BOST BOST BOST	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 28,450	0.3 0.0 0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.5 -1.2 -0.8 -1.2	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -1.3 -1.9	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8
Dow Jones Nikled FTSE 100 ELWordStox 50 BEX DAX CECAC SES Alberts SES Alberts Howered Rejected Michael Melected Mercul Calignativa) MSCI EM Europe * Policial	2.895 25.890 22.697 7.459 3.359 9.371 12.207 5.343 20.600 710 84.399 75.316 49.080 28.450 5.360 2.321	0.3 0.0 0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.5 -1.2 -0.8 -1.2 0.1 -1.5	-0.7 -0.5 -2.1 -2.6 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -1.3 -1.9 -1.3 -1.9 -1.3 -1.9 -1.3 -1.9 -1.3 -1.9 -1.3 -1.9 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -2.6 0.4 1.5	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8 0 -6
Dow Jones Wikled FTSE 100 Unwofboxs 50 BEX DAY DAY DAY BEX	2.895 25.890 22.697 7.459 3.359 9.371 12,207 5,343 20,600 710 84.399 75.316 49,080 28,450 5,360 2,321 4,254 93,189	0.3 0.0 0.6 -1.1 -1.1 -1.3 1.0 -2.2 -0.5 -1.2 -0.8 -1.2 -0.1 -1.5 -0.6	-0.7 -0.5 -2.1 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -1.3 -0.7 -2.9 -0.1	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -0.4 1.5 -1.6	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8 0 -6 3
Dow Jones Wheel FTSE TOD GENERATE SET SET SET SET SET SET SET SET SET S	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 28,450 5,360 2,321 4,254 93,189 880	0.3 0.0 0.6 1.1 1.1 1.3 1.0 2.2 0.5 1.2 0.8 1.2 0.1 1.5 0.6 0.8	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1 -3.7 -1.9 -1.3 -0.7 -2.9 -0.1 -0.7 -1.2	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6 0.4 1.5 -1.6 -2.5 0.3	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8 0 -6 3 -7 -7 -5 -13 -2 -3 -2 -3 -2 -3 -2 -3 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Dow Jones White FISE TOD FISE	2.895 25.890 22.697 7.459 3.359 9.371 12,207 5,343 20,600 710 84.399 75.316 49,080 28,450 5,360 2,321 4,254 93,189	0.3 0.0 0.6 -1.1 -1.1 -1.3 1.0 -2.2 -0.5 -1.2 0.8 -1.2 0.1 -1.5 -0.6 -0.8	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -1.3 -0.7 -2.9 -0.1 -0.7 -1.2 -1.0	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6 0.4 1.5 -1.6 -2.5	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8 0 -6 3
Dow Jones Wheel #TSE TOD #TSE AIRMS #T	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 44,399 75,316 49,080 28,450 5,360 2,321 4,254 93,189 880 2,751 5,905	0.3 0.0 0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.5 -1.2 -0.8 -1.2 0.1 -1.5 -0.6 -0.8 -0.8	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -13.6 -0.7 -2.9 -0.1 -0.7 -1.2 -1.0 -2.0 -2.0 -2.0	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6 0.4 1.5 0.3 0.4 1.8 Monthly	4 0 -2 -4 -7 -5 1 -6 -13 -2 -3 -2 -8 0 -6 3 -21 -5 -18 -7
Dow Jones White FTSE TOD TISE	2.895 25.890 22.697 7.459 3.359 9.371 12,207 5.343 20,600 710 84.399 75,316 49,080 28,450 5.360 2.321 4.254 93,189 880 2.751 5.905 level 147.0	0.3 0.0 0.6 1.1 0.1 1.3 1.0 2.2 0.5 1.2 0.8 1.2 0.1 1.5 0.6 0.8 1.1 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -13.6 -0.7 -2.9 -0.1 -0.7 -1.2 -1.0 -2.0 -2.0 -2.0 -2.0 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6 0.4 1.5 -1.6 -2.5 -3.0 0.4 -1.8 Monthly -1.5 -2.2	4 0 0 -2 4 4 -7 -5 1 1 -6 -13 3 -2 -8 8 0 -6 6 3 -21 -5 148 7 7 TD -1 6
Dow Jones Histor	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 28,450 5,360 2,321 4,254 93,189 880 2,751 5,905 level 147,0 114,5 71,2	-0.3 0.0 -0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.8 -1.2 -0.8 -1.2 -0.1 -1.5 -0.6 -0.8 1.1 -1.9 -0.8 -0.1 -0.	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -2.8 -1.9 -2.9 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -2.0 -2.0 -2.0 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -2.6 0.4 1.5 -1.6 -2.5 0.3 0.4 1.5 -1.5 -1.5 -2.5 -1.6 -2.5 -1.5 -1.5 -2.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1	4 0 0 2 4 4 7 7 -5 5 1 6 6 13 3 2 8 0 0 6 6 3 21 -5 -18 7 YTD 1 6 6 4
Down Jones White FTSE TOD TTSE	2,895 25,897 7,459 3,359 9,371 12,207 7,5,343 20,600 710 84,399 75,316 49,080 28,450 5,360 2,321 4,254 93,189 880 2,751 5,905 level 147,0 114,5 71,2 31,0 48,5	-0.3 0.0 -0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.8 -1.2 -0.8 -1.2 -0.1 -1.5 -0.6 -0.8 1.1 -1.9 -0.8 -0.1 -0.	-0.7 -0.5 -2.1 -2.6 -2.6 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -0.1 -0.7 -1.2 -1.0 -2.0 Weekly -1.8 -1.4 -1.7 -1.8	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -0.4 -1.6 -2.5 0.3 -1.8 Monthly -1.5 -2.2 -1.7 -1.6 -2.2	4 0 0 2 4 4 7 7 -5 5 1 1 6 6 4 4 4 7 7 7 1 1 6 6 4 4 7 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 1 7 1 1 7 1 7 1 1 7 1 7 1 1 7 1 7 1 1 7 1 1 1 7 1
Down Jonnes Medical State Sta	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 28,450 5,360 2,321 4,254 93,189 880 2,751 5,905 level 147,0 114,5 71,2 31,0 48,5 14,5 15,0 16,0 16,0 16,0 16,0 16,0 16,0 16,0 16	-0.3 0.0 0.6 -1.1 -0.1 -1.3 1.0 -2.2 -0.5 -1.2 0.1 -1.5 -0.6 -0.8 1.1 -1.9 -0.1 -0.1 -0.1 -0.1 -0.1	-0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -2.6 -0.1 -3.7 -1.9 -2.8 -1.9 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	1.7 0.8 -2.6 -3.5 -3.8 -3.2 -2.5 -4.6 -6.8 -2.9 -7.5 -0.5 -1.6 -2.5 -1.6 -2.5 0.3 -1.8 -2.9 -1.8 -2.9 -1.5 -2.6 -2.8 -1.1 -6.3	4 0 0 2 4 4 77 5 1 6 6 -13 3 -2 2 8 0 0 6 6 3 77 YTD -1 6 4 4 4 77 7 20 0 7 7 20
Down Jonnes Whited HTSE TOD STEEL TO ST	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 24,550 5,360 2,321 4,254 93,189 2,751 5,905 147,0 114,5 71,2 31,0 48,5 236,7 114,5 71,2 31,0 48,5 236,7 14,5	-0.3 0.0 0.6 -1.1 -1.3 -1.0 -2.2 -0.5 -1.2 -0.5 -1.5 -0.6 -0.1 -1.5 -0.6 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	0.7 -0.5 -2.1 -2.6 -2.5 -2.6 -2.6 -2.6 -0.1 -3.7 -1.9 -1.3 -0.7 -2.9 -0.1 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.2 -1.0 -0.7 -1.0 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0	1.7 0.8 2.6 3.5 3.2 2.5 4.6 6.8 2.9 0.5 2.6 0.5 1.5 1.6 0.4 1.5 1.8 Monthly 1.5 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 4 77 5 1 6 6 13 3 2 2 8 0 0 6 6 3 7 7 YID 1 6 4 4 7 7 7 7 20 18
Down Jones White FTSE TOD TTSE	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,316 49,080 2,321 4,254 93,189 880 2,751 5,905 14,754 15,754 16,	-0.3 0.0 0.6 -1.1 -1.3 -1.0 -2.2 -0.5 -1.2 -0.8 -1.2 -0.8 -1.2 -0.5 -0.8 -0.8 -0.8 -0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.5 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	0.7 2.1 2.6 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1.7 0.8 2.6 3.5 3.2 2.5 4.6 6.8 4.6 6.8 7.5 0.5 1.6 2.5 1.6 2.5 1.6 2.5 1.6 2.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 4 77 5 1 6 6 -13 3 -2 2 8 0 0 6 6 3 77 YTD -1 6 4 4 4 77 7 20 0 7 7 20
Down Jonnes Helder 175 E Too S	2,895 25,890 22,697 7,459 3,359 9,371 12,207 5,343 20,600 710 84,399 75,360 2,321 4,254 93,189 2,751 14,254 93,189 147,0 114,5 71,2 31,0 48,5 2,6 147,0 147,0 148,5 148,	-0.3 0.0 0.6 -1.1 -1.3 1.0 0.5 -1.2 -2.5 -0.5 -1.5 -0.6 -0.8 -0.8 -0.1 -1.5 -0.6 -0.8 -0.9 -0.1 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.7 1.2 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2	1.7 0.8 2.6 3.5 3.8 3.2 2.2 5.4.6 6.8 3.2 7.5 5.2.6 0.5 5.2.6 0.4 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 4 7 7 5 5 1 6 6 4 7 7 7 7 20 18 13 13 13 13 13 13 13 13 13 13 13 13 13
Down Jonnes Whited #TSE TOD #T	2,895 25,890 22,697 7,459 9,271 12,207 5,343 20,600 710 84,399 75,316 49,080 2,921 4,254 93,189 2,751 14,254 93,189 14,254 93,189 14,254 14,50 1	-0.3 0.0 0.6 -1.1 -1.1 -1.3 1.0 -2.2 0.8 -1.2 0.5 -1.2 0.8 1.1 -1.9 0.8 0.1 -1.9 0.5 1.5 -1.9 0.5 1.5 1.9 0.5 1.5 1.9 0.5 1.5 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0.7 - 0.5 - 0.5 - 0.1 - 0.5 -	1.7 0.8 2.6 3.5 3.8 3.2 2.2 2.5 4.6 6.8 2.9 7.5 2.6 0.5 2.6 1.5 1.6 2.8 1.5 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.1 1.6 2.8 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 7 7 7 5 1 1 6 6 13 3 2 2 8 0 0 6 6 3 2 1 5 7 YID 1 6 4 4 4 7 7 7 7 2 0 18 13 3 2 2 5 17 7 17
Down Jonnes Whited #TSE TOD #T	2,895 25,890 22,697 7,459 3,359 9,371 12,207 710 84,399 75,316 49,080 28,450 5,360 2,321 4,254 14,75 171 2,367 114,5 171 2,367 114,5 171 2,367 114,5 171 171 171 171 171 171 171 171 171 17	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.7 2.9 0.1 2.4 0.0 Weekly 1.4 0.0 0.2 0.3 1.4 1.4 7.7 0.6 2.3 1.1 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	1.7 0.8 2.6 3.5 3.8 3.2 2.5 4.6 6.8 2.9 7.5 2.6 0.5 1.6 1.5 1.1 1.5 2.2 2.2 1.1 1.5 2.2 2.3 1.5 2.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 7 7 7 5 1 6 6 13 2 2 8 0 0 6 6 3 2 11 5 18 7 7 11 6 6 4 4 7 7 7 20 18 13 8 25 17 17 17 17 17 11
Down Jonnes History Hi	2,995 2,5890 22,697 7,459 3,359 9,371 12,207 710 84,399 84,399 84,399 85,360 12,751 85,360 12,751 147,00 147,10 143,560 144,560 147,10 147,10 148,560 147,10 148,560 1	0.00 0.06 -1.1 -1.1 -1.1 -1.2 -1.2 -1.5 -1.5 -0.6 -0.8 -0.8 -0.8 -0.8 -0.8 -0.5 -1.5 -0.5 -1.5 -0.5 -1.5 -0.5 -1.5 -0.5 -1.5 -0.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1	0.7 - 0.5 - 0.5 - 0.5 - 0.5 - 0.5 - 0.5 - 0.5 - 0.5 - 0.5 - 0.6 - 0.5 - 0.6 - 0.5 - 0.6 - 0.5 -	1.7 0.8 2.6 3.5 3.2 3.2 2.5 4.6 6.8 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 0 0 2 4 4 7 7 5 5 1 6 6 13 3 2 2 8 8 0 0 6 6 3 3 2 11 5 5 18 7 7 11 6 4 4 4 7 7 7 200 6 18 25 17 7 17 11 11 11 11 11 11
Down Jonnes Whited #TSE TOD 10	2.895 (2.5890	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.8 3.8 3.8 3.2 2.5 4.6 6.8 2.9 7.5 0.5 1.6 0.4 1.5 1.5 2.5 2.5 2.5 1.6 3.8 8 8 1.1 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 4 4 7 7 5 5 1 6 6 13 3 2 2 8 0 0 6 6 3 7 7 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Whited #TSE TOD #T	2.995 (25.890 (22.697) (25.890 (22.697) (25.890) (25.	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.8 3.8 3.8 3.2 2.2 2.5 4.6 6.8 2.9 2.5 0.5 1.5 1.5 1.5 2.5 0.3 1.5 1.5 2.5 2.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	4 0 0 2 2 4 4 7 7 7 5 5 1 1 6 6 13 3 2 2 1 5 5 8 8 0 0 6 6 3 1 7 7 7 1 1 6 4 4 4 7 7 7 2 0 0 1 8 1 3 3 3 2 5 1 7 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Helder Histories Histori	2,995 2,5890 22,697 3,359 9,371 12,207 5,343 20,600 9,534 20,000 28,450 20,221 14,254 93,189 880 2,257 11,257 880 11,57 87,38 880 11,57 87,38 880 11,57 87,38 880 11,57 87,38 880 880 880 880 880 880 880 880 880 8	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.7 2.8 3.1 1.1 1.1 1.9 0.2 2.4 4.7 0.0 2.1 1.1 1.9 0.2 2.4 1.1 1.9 0.2 2.4 1.1 1.9 0.0 2.1 1.0 0.0 2.	1.7 0.8 2.6 3.8 3.2 2.5 3.8 4.6 4.6 4.6 2.9 7.5 0.5 1.6 1.6 2.8 2.9 2.9 2.5 0.4 1.8 1.7 1.7 1.8 1.0 2.1 2.1 2.1 2.1 2.1 3.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4	4 0 0 2 2 4 4 7 7 7 5 5 1 6 6 13 3 2 2 8 8 0 6 6 3 2 1 5 5 18 8 7 7 YID 1 6 4 4 4 7 7 7 20 18 8 25 5 17 17 17 11 11 11 11 11 11 11 11 11 11
Down Jonnes Wheel #TSE TO DO #TSE	2.995 (25.890 (22.697) (25.890) (22.697) (25.890) (22.697) (25.890) (2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 - 0.5 -	1.7 0.8 2.6 3.8 3.2 2.5 3.8 4.6 4.6 4.6 2.9 7.5 0.5 1.6 1.6 2.8 2.9 2.9 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 2 4 4 7 7 5 1 1 6 6 4 1 8 1 8 2 5 5 1 8 2 2 5 1 8 2 2 5 1 8 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Missel 1962 FISSE 1960 FISSE 1960 FISSE 1960 FISSE 1960 KAN AND AND AND AND AND AND AND AND AND A	2.995 (25.890 (22.697) , , , , , , , , , , , , , , , , , ,	-0.3 -0.0 -0.6 -0.1 -0.1 -1.1 -1.3 -1.2 -0.5 -1.2 -0.5 -1.2 -0.5 -1.2 -0.5 -1.2 -0.5 -0.6 -0.8 -0.8 -0.8 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.5 3.8 3.2 2.2 2.5 4.6 6.8 6.8 6.8 2.9 7.5 2.6 0.5 1.6 0.3 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 2 2 4 4 7 7 7 5 1 1 6 6 4 9 1 2 2 1 1 1 1 1 1 1 1 1 2 2 4 9 2 2 1 1 1 1 1 1 1 2 2 4 9 2 2 1 1 1 1 1 1 1 1 2 2 1 2 2 1 1 1 1
Down Jonnes Helder Histories Histori	2,995 (25,890 (22,697) (3,159	-0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.8 3.2 2.5 3.8 3.2 2.5 2.5 2.6 3.8 4.6 1.5 2.9 2.7 2.5 2.6 2.6 2.6 2.7 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 0 2 2 4 4 7 7 5 1 1 6 13 2 2 8 0 0 6 6 3 3 2 2 1 1 1 6 6 4 4 4 7 7 7 7 2 0 0 18 13 3 3 8 5 5 17 17 11 11 11 11 11 11 11 2 1 2 2 2 2
Down Jonnes Missel 1962 FISSE 1960 FISSE 1960 FISSE 1960 FISSE 1960 KAN AND AND AND AND AND AND AND AND AND A	2,095 (25,090 (22,097 (35,000) (35,000 (35,000 (35,000 (35,000 (35,000 (35,000 (35,000 (35,000	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.8 3.2 2.5 3.8 3.2 2.5 2.5 2.6 3.8 4.6 1.5 2.9 2.5 2.6 2.6 2.7 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 2 2 4 7 7 5 1 1 6 3 2 2 2 8 8 0 6 6 6 7 7 7 7 1 1 6 4 4 4 7 7 7 7 1 1 1 1 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes	2,295 25,890 22,697 39,74 199 31,89 199 31,89 114,5 11	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.7 0.8 2.6 3.8 3.2 2.5 3.8 3.2 2.5 2.5 2.6 3.8 4.6 1.5 2.9 2.7 2.5 2.6 2.6 2.6 2.7 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 0 2 2 4 4 7 7 5 1 1 6 13 2 2 8 0 0 6 6 3 3 2 2 1 1 1 6 6 4 4 4 7 7 7 7 2 0 0 18 13 3 3 8 5 5 17 17 11 11 11 11 11 11 11 2 1 2 2 2 2
Down Jonnes Whele #158 E 100	2,295, 25,890 (22,697) (22,697) (23,697	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.6 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1.7 0.8 2.6 3.8 3.2 2.5 3.8 3.2 2.5 3.8 4.6 6.8 6.8 2.9 9.7 5.5 2.9 9.7 1.5 0.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 0 0 -2 -4 -7 -5 -5 -1 -1 -6 -3 -2 -2 -3 -2 -2 -3 -2 -1 -5 -1 -1 -6 -4 -4 -4 -7 -7 -7 -7 -7 -7 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Down Jonnes Whited #TSE TOD SE	2,295 25,890 22,2697 31,20 25,275 12,275 13,275 12,275 13,	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.6 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1.7 0.8 2.6 0.8 2.9 2.5 2.5 2.5 2.5 2.5 2.6 0.4 1.5 1.5 2.5 2.6 0.4 1.5 1.5 2.5 2.6 0.4 1.8 8.7 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	4 0 0 -2 -4 -4 -7 -7 -5 -1 1 -6 -4 -4 -7 -7 -7 -1 1 -1 1 -1 1 -1 1 -1 1
Down Jonnes	2,995 22,5890 22,5697 39,791 3	0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.7 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1.7 0.8 2.6 0.4 0.8 2.6 0.4 0.8 2.6 0.4 0.8 2.9 0.4 0.8 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 0 0 2 2 4 7 7 7 5 1 1 6 6 7 8 8 9 0 6 8 3 2 2 1 1 5 1 8 8 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Whele #158 E 100	2,295 2,5890 22,099 3,71 1,71 1,71 1,71 1,71 1,71 1,71 1,71	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.6 0.7 2.6 0.7 1.9 0.7 2.8 1.9 0.7 1.2 1.0 0.7 1.2 1.0 0.7 1.0 0.	1.7 0.8 2.6 0.8 2.9 2.5 2.5 2.5 2.5 2.5 2.6 0.4 1.5 1.5 2.5 2.6 0.4 1.5 1.5 2.5 2.6 0.4 1.8 8.7 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.4 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.8 6.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	4 0 0 -2 -4 -4 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Down Jonnes Section S	2,295 25,890 22,2697 31,397 31,315 31	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.6 3.7 1.9 1.0 2.0 1.1 1.9 2.0 1.1 1.9 2.1 1.0 2.1 1.1 1.9 2.1 1.9 2.1 1.	1.7 0.8 2.6 2.6 2.5 2.5 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 0 2 2 4 4 7 7 5 5 1 1 6 6 1 1 3 2 2 1 1 6 6 4 1 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes	2,295,25,890 22,690 22,690 23,310 3,317 3,347 3,	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.6 2.6 2.6 0.1 1.1 2.0 0.2 2.8 1.5 0.2 2.1 1.0 0.	1.7 0.8 2.6 2.9 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4 0 0 2 2 4 4 7 7 5 5 1 1 6 6 1 1 3 2 2 1 5 5 1 1 8 1 5 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Section S	2,295, 22,590 2,2697 3,459 3,271 3,459 3,271 3,459 3,271 3,459	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 2.1 0.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1.7 0.8 2.6 2.9 2.9 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4 0 0 2 2 4 4 7 7 7 5 1 1 6 6 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9
Down Jonnes Section S	2,295 25,890 22,2697 39,391 39,391 31,31 3	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.0.7	1.7 0.8 2.66 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.	4 0 0 2 2 4 4 7 7 7 5 18 8 8 9 8 9 18 18 18 18 18 18 18 18 18 18 18 18 18
Down Jonnes History Hi	2,295 22,5890 22,2090 39,371 31,33 33,37 31,155 39,3891 11,156 31,389 31,399 38,391 39,391 31,393 39,391 39	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.0.7	1.7 0.8 2.6 0.8 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 0 2 4 4 7 7 7 5 1 1 6 6 4 9 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes History Hi	2,295, 22,590 (2,20,20) (2	0.3 0.4 1.1 1.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	0.7 2.5 2.6 0.1 2.8 2.6 0.1 2.9 2.6 0.7 2.9 1.2 0.9 1.2 0.9 1.	1.7 0.8 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	4 0 0 -2 -4 -7 -7 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Down Jonnes	2,295, 22,5890 22,697 3,457 3,557 3,57	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7	1.7, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6	4 0 0 2 4 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Whele #TSE TION 5 0 #TSE TION 5	2,295, 22,590 (2,207) (3,14) (4,0) (0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.77 2.26 2.65 2.66 0.17 2.75 2.67 2.69 0.17 2.69 2.69 2.75 2.69 2.75 2.69 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75	1.7, 2.8, 2.5, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6	4 0 0 -2 -4 -7 -7 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Down Jonnes Section S	2,295, 25,890 (22,697) (22,697) (23,697	0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.0.7	1.7, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6	4 0 0 2 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Down Jonnes Section S	2,295, 22,590 (2,207) (3,14) (4,0) (0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.0.7	1.7, 23, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	4 0 0 2 4 4 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Whele #158 E 100	2,295 25,890 22,009 30,937 11,207 27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,27,5316 49,000 20,000	0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.77 -0.50 -0.51 -0.51 -0.51 -0.52 -0.52 -0.53 -0.52 -0.53 -	1.7, 2.8, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9	4 0 0 2 4 4 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jonnes Section S	2,295, 25,890 22,697 3,937 3,937 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145 3,145	0.03 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.77	1.7 (2.8 (2.8 (2.8 (2.8 (2.8 (2.8 (2.8 (2.8	4 0 0 2 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Down Jonnes	2,295,25,890 22,690 22,690 23,310 23,310 24,70 23,310 24,70 23,310 24,70 24,70 25,316 25,300 26,300 27,31 28,310 2	0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	.0.7	1.7, 2.8, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9	4 0 0 2 2 4 4 7 7 7 5 1 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7



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