

Shading Key:

 	52 week high (green = 1), low (red = 0) or shaded in-between
 	2 standard deviation move up (5%)
 	1 standard deviation move up (33%)
 	1 standard deviation move down (33%)
 	2 standard deviation move down (5%)

These estimates are based upon the last 256 daily moves of each instrument

		Closing prices	52	Movement for the period				Q3 2017	Q2 2017	2016	2015	2014	
		17-Oct-17	wk	Day	Week	Month	YTD						
Interest Rates													
Central Bank Bills													
Change to today's price from closing prices of prior period													
28 days	C-bill auctions on Wednesday;	1.37%	1.00		0.00%	0.00%	0.19%	0.09%	0.08%	1.18%	1.30%	1.94%	
60 days	reported Thursday/Friday	2.35%	0.02		0.00%	0.00%	0.00%	0.00%	0.01%	2.35%	2.32%	2.85%	
90 days		2.51%	0.00		0.00%	0.00%	0.00%	0.00%	0.00%	2.51%	2.52%	2.99%	
182 days		4.55%			0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	4.55%	4.55%	
Treasury Bills													
28 days		1.26%			0.00%	0.00%	1.26%	0.00%	-0.03%	1.22%	1.44%	1.44%	
63 days		2.40%	0.00		0.00%	0.00%	0.40%	0.02%	-0.02%	2.40%	2.44%	2.44%	
91 days		2.48%	0.19		0.00%	-0.02%	-0.52%	-0.02%	-0.04%	2.61%	2.58%	0.00%	
182 days	Tbill auctions are irregular Wednes	4.73%	0.50		0.00%	-0.01%	0.01%	-0.01%	0.01%	4.72%	4.65%	4.65%	
273 days		6.74%	1.00		0.01%	0.03%	0.15%	**from first issuance					
364 days	reported Thursday/Friday	8.00%	0.97		-0.01%	0.01%	0.23%	0.12%	0.12%	7.77%	7.60%	7.42%	
Government Inscribed Stock													
GIS 3Y	GIS auctions usually monthly	9.50%	1.00			0.00%	0.40%	0.09%	0.32%	9.10%	9.97%	7.95%	
GIS 5Y	reported Thursday/Friday	10.53%	0.10			0.00%	-0.07%	-0.01%	-0.05%	10.60%	11.33%	10.73%	
GIS 10Y		11.54%	1.00			0.00%	0.27%	0.01%	0.03%	11.27%	11.16%	11.89%	
GIS 15Y		12.80%	0.97			0.00%	0.27%	0.05%	0.05%	12.53%	12.00%	12.63%	
GIS 17Y		13.74%				0.00%	0.00%	0.00%	0.00%	13.74%	13.74%	13.74%	
Kina Facility Rate													
		6.25%								6.25%	6.25%	6.25%	
Ten year Government Bond yields													
United States		2.30%	0.63		0.00%	-0.06%	0.06%	-0.14%	-0.08%	2.44%	2.29%	2.19%	
United Kingdom		1.28%	0.59		-0.06%	-0.09%	-0.05%	0.04%	0.12%	1.24%	1.99%	1.76%	
Australia		2.76%	0.72		0.01%	-0.07%	-0.05%	0.00%	-0.10%	2.77%	2.88%	2.83%	
France		0.78%	0.56		-0.01%	0.06%	0.05%	0.09%	-0.16%	0.69%	0.99%	0.83%	
Japan		0.07%	0.75		0.01%	0.02%	0.03%	0.02%	0.02%	0.05%	0.27%	0.33%	
Australia													
	RBA Cash Rate	1.50%			0.00%	0.00%	0.00%	0.00%	0.00%	1.50%	2.00%	2.50%	
PNG CPI Index													
	Latest 12 mth % change	5.8%							1.20%	6.6%	6.4%	6.6%	
Currencies													
Percentage changes													
PGK/USD		0.3125	0.00		0.0%	0.0%	0.0%	-0.8%	-0.20%	0.0%	-5.3%	-14.3%	-2.4%
PGK/AUD		0.3982	0.25		0.3%	-0.8%	1.6%	-8.5%	-1.02%	-0.6%	-4.4%	-3.8%	5.9%
PGK/GBP		0.2358	0.18		0.2%	-0.6%	2.2%	-8.0%	-0.87%	-4.1%	14.3%	-10.0%	3.9%
PGK/NZD		0.4359	0.44		0.1%	-1.4%	1.6%	-3.6%	0.44%	-4.6%	-6.8%	-1.9%	2.1%
PGK/JPY		35.060	0.55		0.3%	-0.5%	0.3%	-4.6%	1.00%	0.1%	-8.2%	-13.7%	10.9%
AUD/USD		0.7849	0.71		-0.3%	0.8%	-1.6%	8.5%	1.47%	0.6%	-0.9%	-10.9%	-7.8%
USD/JPY		112.190	0.61		0.2%	-0.4%	0.3%	-3.8%	73.00%	0.1%	-3.1%	0.6%	13.6%
EUR/USD		1.1771	0.82		-0.2%	0.0%	-1.8%	11.7%	3.39%	7.1%	-3.6%	-10.1%	-11.6%
GBP/USD		1.3253	0.78		-0.2%	0.6%	-2.1%	7.9%	4.02%	4.2%	-17.1%	-4.8%	-6.1%
MYR/USD		0.2368	0.79		-0.1%	0.0%	-0.7%	6.3%	0.36%	3.1%	-4.3%	-18.3%	-6.4%
Equity Indices													
Papua New Guinea													
Percentage changes													
KSII Index		5,270.25	0.62		0.0%	0.1%	1.3%	9.5%	8.2%	-12.1%	40.8%	-2.3%	-9.7%
KSII Home Index		10,987.44	0.67		0.0%	0.4%	-0.2%	3.4%	0.3%	0.3%	10.7%	0.5%	16.9%
Australia													
All Ordinaries		5,958.08	0.98		0.7%	2.6%	3.2%	4.2%	-0.3%	-2.4%	7.0%	-0.8%	0.7%
S&P/ASX 100		4,861.50	0.87		0.7%	2.6%	2.9%	3.5%	-1.0%	-2.6%	6.8%	-2.6%	1.5%
S&P/ASX 20		3,313.20	0.72		0.8%	2.6%	3.2%	0.7%	-1.2%	-5.1%	3.5%	-6.4%	0.6%
S&P/ASX 50		5,806.90	0.81		0.7%	2.4%	2.8%	2.6%	-0.8%	-3.5%	5.9%	-3.9%	0.7%
S&P/ASX Midcap 50		6,402.90	1.00		1.0%	3.5%	3.8%	10.4%	-2.0%	3.8%	13.5%	7.6%	9.2%
S&P/ASX Small Ordinaries		2,588.80	1.00		0.4%	2.7%	5.2%	8.7%	3.2%	3.8%	9.5%	6.4%	-6.8%
S&P/ASX 200		5,889.61	0.92		0.7%	2.6%	3.1%	4.0%	-0.7%	-2.4%	7.0%	-2.1%	1.1%
S&P/ASX 300		5,844.34	0.93		0.7%	2.6%	3.1%	4.0%	-0.6%	-2.4%	7.0%	-1.9%	0.8%
S&P/ASX 200 Energy		9,490.30	0.87		0.6%	3.8%	3.6%	5.0%	6.2%	-5.7%	12.9%	-31.0%	-14.8%
S&P/ASX 200 Materials		10,774.70	1.00		1.0%	2.6%	3.0%	10.3%	4.8%	0.1%	39.1%	-19.5%	-14.5%
S&P/ASX 200 Industrials		5,907.10	0.97		0.7%	3.4%	3.6%	14.1%	-0.8%	7.9%	6.5%	12.5%	8.9%
S&P/ASX 200 Consumer Discretionary		2,225.80	0.88		0.6%	3.2%	4.1%	3.5%	-3.8%	1.8%	7.8%	13.8%	-4.2%
S&P/ASX 200 Consumer Staples		9,660.20	0.96		0.5%	3.6%	3.7%	8.9%	2.2%	-5.6%	0.9%	-4.2%	-8.4%
S&P/ASX 200 Healthcare		23,667.50	0.82		0.4%	2.5%	5.6%	19.7%	-6.1%	7.1%	-0.2%	13.4%	21.7%
S&P/ASX 200 Financials		6,629.10	0.69		0.8%	2.4%	3.3%	1.1%	-1.0%	-6.0%	4.2%	0.7%	6.5%
S&P/ASX 200 Information Technology		906.60	1.00		0.2%	3.1%	1.3%	10.2%	0.3%	4.5%	1.7%	3.4%	5.6%
S&P/ASX 200 Telecommunication Services		1,257.80	0.09		0.5%	2.6%	-2.2%	-29.4%	-18.6%	-8.4%	-12.0%	-2.9%	14.6%
S&P/ASX 200 Utilities		8,150.20	0.58		-0.2%	3.5%	1.0%	3.3%	-7.2%	0.4%	13.7%	17.4%	9.9%
S&P/ASX 200 A-REIT		1,334.50	0.41		0.8%	1.4%	0.9%	-4.4%	0.8%	-4.9%	8.1%	8.9%	20.4%
S&P/ASX 200 Financial-x-A-REIT		7,393.60	0.69		0.8%	2.4%	3.3%	1.1%	-1.0%	-6.0%	1.2%	-0.8%	4.3%
North American													
DJIA		22,997.44	1.00		0.2%	0.7%	2.8%	16.4%	4.9%	3.3%	12.3%	-1.2%	7.5%
S&P 500		2,559.36	1.00		0.1%	0.3%	2.1%	14.3%	4.0%	2.6%	8.5%	0.2%	11.4%
NASDAQ		6,623.66	1.00		0.0%	0.6%	2.5%	23.0%	5.8%	3.9%	6.3%	7.0%	13.4%
Toronto S&P/TSX		15,535.00	0.76		0.0%	0.0%	2.0%	2.0%	3.1%	-2.4%	16.7%	-10.5%	7.0%
Europe													
FTSE		7,516.17	0.95		-0.1%	-0.3%	3.3%	5.2%	0.8%	-0.1%	13.8%	-4.4%	-2.7%
DAX		12,995.06	1.00		-0.1%	0.4%	3.4%	13.2%	4.1%	0.1%	6.9%	9.6%	2.7%
CAC 40		5,361.37	0.93		0.0%	0.0%	2.4%	10.3%	4.1%	0.0%	4.0%	9.5%	-0.5%
Asia													
Nikkei		21,336.12	1.00		0.4%	2.5%	5.1%	11.6%	1.6%	5.9%	0.4%	9.1%	7.1%
Hang Seng		28,697.49	1.00		0.0%	0.7%	2.3%	30.4%	6.9%	6.9%	0.4%	-7.2%	1.5%
Shanghai		3,372.04	0.95		-0.2%	-0.3%	0.5%	8.6%	4.9%	-0.9%	-12.6%	9.8%	54.2%
Sensex		32,609.16	1.00		-0.1%	2.1%	0.6%	22.5%	1.2%	4.4%	2.5%	-1.7%	24.9%

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█	2 standard deviation move up (5%)
█	1 standard deviation move up (33%)
█	1 standard deviation move down (33%)
█	2 standard deviation move down (5%)

These estimates are based upon the last 256 daily moves of each instrument

 18-Oct-17
 Reporting closing prices for prior day

		17-Oct-17	52 wk	Movement for the period				Q3 2017	Q2 2017	2016	2015	2014	
				Day	Week	Month	YTD						
Indices													
MSCI AC Asia-ex-Japan*	USD	486.24	0.99	-0.3%	1.4%	2.0%	36.9%	6.6%	8.3%	5.7%	-9.4%	5.1%	
MSCI ACWI-ex-Australia*	USD	233.62	0.99	-0.2%	0.3%	1.7%	19.3%	5.2%	4.4%	7.0%	-1.5%	4.7%	
MSCI All Country World Index*	USD	236.80	0.99	-0.2%	0.4%	1.7%	19.2%	5.2%	4.3%	7.1%	-1.7%	4.4%	
MSCI ACWI Minimum Volatility	USD	1,821.19	0.99	0.0%	0.5%	1.1%	12.5%	2.2%	2.9%	5.2%	0.6%	8.6%	
MSCI World Net Local		4,314.29	1.00	0.1%	0.5%	2.4%	14.4%	3.9%	2.7%	9.0%	2.1%	9.8%	
iShare Emerging Markets		46.39	0.98	-0.5%	0.7%	1.2%	32.5%	8.3%	5.1%	8.4%	-17.8%	-6.0%	
VIX Volatility S&P500		10.31	0.08	4.0%	2.3%	1.3%	-26.6%	-14.9%	-9.6%	-18.8%	8.6%	16.0%	
Commodities													
Light Crude (WTI)	US\$/bbl	51.88	0.79	0.0%	1.9%	4.9%	-3.4%	12.2%	-9.0%	46.5%	-31.2%	-45.9%	
Brent Crude	US\$/bbl	57.88	0.92	0.1%	2.2%	5.0%	1.9%	20.1%	-9.3%	55.3%	-36.2%	-48.3%	
Gold	US\$/oz	1,286.20	0.71	-1.3%	-0.6%	-1.9%	11.7%	3.4%	-0.7%	8.5%	-10.4%	-1.5%	
Silver	US\$/oz	17.04	0.49	-1.9%	-1.0%	-1.4%	6.6%	0.3%	-0.7%	14.8%	-10.7%	-19.5%	
Copper	US\$/lb	3.20	0.96	-1.3%	4.4%	7.6%	27.5%	9.0%	2.2%	16.8%	-24.0%	-16.8%	
Iron Ore	US\$/mt	62.23	0.20	0.0%	-1.5%	-14.7%	-20.9%	14.0%	-30.0%	81.3%	-37.4%	-48.1%	
Malaysian Palm Oil* RM/tn		2,734	0.21	-0.8%	0.9%	-1.8%	-15.0%	4.7%	-8.4%	39.3%	0.8%	-12.8%	
LNG *Jap/Korea	US\$/mmBtu	8.95	1.00	0.0%	8.2%	17.0%	13.9%	49.0%	-30.2%	14.5%	-31.8%		
ICCO Cocoa	US\$/mt	2,064	0.29	1.0%	0.9%	5.0%	-2.9%	7.4%	-9.2%	-34.2%	11.0%	7.4%	
ICO Coffee	US\$/lb	124	0.18	0.3%	-5.2%	-7.3%	-9.4%	3.2%	-10.9%	10.8%	-25.8%	50.5%	
Equities													
Domestic													
	PGK K		Arbitrage	Percentage changes									POMSox
Bank South Pacific		9.45	0.77	0.0%	0.4%	-0.5%	5.0%	0.6%	1.5%	20.0%	5.0%	-10.5%	
Credit Corporation		1.78	0.31	0.0%	0.0%	0.0%	-5.3%	0.0%	-8.7%	-16.4%	-13.5%	4.0%	
City Pharmacy		0.98	0.00	0.0%	0.0%	0.0%	-2.0%	0.0%	-2.0%	-24.8%	-7.6%	-26.5%	
Kina Petroleum Limited	0.22	0.40		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-46.7%	-21.1%	
Kina Asset Management Limited		0.94	0.00	0.0%	0.0%	-1.1%	-3.1%	-2.1%	-1.0%	14.1%	-15.0%	-9.1%	
Kina Securities Limited	1.92	2.60	0.48	0.0%	0.0%	0.0%	-3.7%	1.2%	-1.0%	1.9%	27.4%	**from IPO price	
Airlines PNG		0.12	0.63	0.0%	0.0%	71.4%	-20.0%	-20.0%	0.0%	-54.5%	0.0%	-5.7%	
Steamship Trading Company	52.74	5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Oil Search Limited	18.18	17.66	0.33	0.0%	0.2%	3.8%	0.9%	-1.9%	-2.8%	24.5%	-12.1%	-8.7%	
Highlands Pacific Limited	0.17	0.16	0.00	0.0%	0.0%	0.0%	-15.8%	-11.1%	-10.0%	-5.0%	33.3%	-25.0%	
Newcrest Mining Limited	55.20	54.00	0.69	0.0%	0.0%	0.0%	17.4%	17.4%	-20.7%	76.9%	8.3%	-20.0%	
Australia													
AMP Limited		5.05	0.60	0.6%	1.8%	1.8%	0.2%	-6.9%	0.2%	-13.6%	6.0%	25.3%	
ANZ Banking Group Limited		30.34	0.60	0.6%	1.9%	0.4%	-0.3%	3.1%	-9.7%	8.9%	-13.0%	-0.4%	
BHP Billiton Limited		27.31	0.90	1.3%	3.1%	3.8%	9.0%	10.7%	-3.2%	40.3%	-34.9%	-22.7%	
Bougainville Copper Limited		0.31	0.65	3.3%	0.0%	-6.1%	55.0%	-6.7%	66.7%	-16.7%	-5.9%	-46.3%	
Bank of Queensland		13.04	0.96	0.6%	0.9%	1.3%	9.9%	13.4%	-5.8%	-14.8%	14.4%	0.2%	
Brambles Limited		9.26	0.09	0.7%	3.3%	2.9%	-25.3%	-7.5%	4.1%	7.2%	8.8%	16.2%	
Commonwealth Bank of Australia		78.25	0.44	1.4%	2.5%	2.6%	-5.0%	-9.1%	-3.6%	-3.6%	-0.1%	10.1%	
Coca Cola Amatil		8.07	0.12	0.1%	3.3%	2.7%	-20.3%	-16.3%	-14.7%	8.8%	-0.2%	-22.5%	
CSL		138.95	0.91	0.6%	2.1%	6.1%	38.4%	-2.9%	10.1%	-4.7%	21.5%	25.7%	
Fortescue Mining		4.96	0.17	0.4%	-1.8%	-8.7%	-15.8%	-1.5%	-16.2%	215.0%	-31.8%	-52.9%	
Highlands Pacific Limited		0.07	0.31	4.8%	3.1%	4.8%	17.9%	10.5%	-16.2%	-16.4%	17.5%	-6.6%	
Horizon Oil Ltd		0.06	0.71	5.4%	11.3%	1.7%	5.4%	35.7%	-27.6%	-30.0%	-50.0%	-47.5%	
Kina Securities Ltd		0.77	0.16	-2.5%	-8.9%	-9.5%	-27.1%	14.2%	-25.3%	-3.7%	9.0%	**from IPO price	
Kina Petroleum Ltd		0.09	0.41	0.0%	0.0%	-7.4%	-2.2%	10.0%	-27.3%	-35.7%	-86.0%	-25.0%	
Macquarie Group Ltd		92.90	0.90	0.3%	0.5%	5.0%	6.6%	2.7%	-1.9%	5.3%	42.0%	5.4%	
Mirvac Group		2.31	0.90	0.0%	-0.4%	2.2%	8.5%	7.5%	-2.7%	7.6%	11.2%	6.0%	
National Australia Bank		32.41	0.80	0.5%	2.5%	3.9%	5.7%	6.5%	-11.2%	1.6%	-10.1%	-3.5%	
Newcrest Mining Limited		21.98	0.61	0.6%	0.0%	-2.5%	8.5%	4.3%	-9.5%	56.1%	19.1%	39.6%	
Oil Search Limited		7.24	0.71	0.4%	2.3%	5.8%	1.0%	2.6%	-5.5%	7.0%	-15.1%	-2.7%	
Origin Energy Ltd		7.39	0.78	0.5%	5.6%	-2.4%	12.1%	9.0%	-2.7%	40.2%	-59.7%	-17.1%	
Qbe Insurance Group Ltd		10.54	0.27	1.4%	2.3%	0.6%	-15.1%	-15.2%	-8.4%	-1.4%	12.3%	-2.6%	
Rio Tinto Limited		71.46	1.00	1.3%	3.3%	6.8%	19.3%	5.2%	4.6%	34.0%	-22.9%	-14.9%	
Santos Limited		4.23	0.81	1.0%	4.7%	6.8%	5.2%	32.7%	-20.3%	9.2%	-55.4%	-43.6%	
Stockland		4.35	0.32	0.5%	1.4%	0.5%	-5.0%	-1.8%	-5.6%	11.7%	-0.5%	14.1%	
Steamship Trading Company		21.00	0.00	0.0%	0.0%	-6.7%	-4.5%	-7.7%	3.4%	12.8%	-39.1%	3.2%	
Suncorp Metway Limited		13.44	0.53	0.4%	1.2%	5.1%	-0.6%	-11.9%	12.2%	11.4%	-13.7%	7.3%	
Sydney Airport		7.24	0.76	-0.3%	1.4%	0.0%	20.9%	0.3%	4.7%	-5.7%	34.8%	23.9%	
Transurban Group		12.31	0.82	-0.1%	4.2%	2.7%	19.3%	0.3%	1.5%	-1.4%	22.0%	25.4%	
Telstra Corporation Limited		3.55	0.09	0.0%	2.3%	-2.7%	-30.4%	-18.8%	-7.7%	-9.1%	-6.0%	13.7%	
Wesfarmers Ltd		42.60	0.47	0.4%	3.4%	3.5%	1.1%	3.0%	-11.0%	1.3%	-0.3%	-5.3%	
Westpac Banking Corporation		33.42	0.67	0.8%	3.1%	5.8%	2.5%	4.6%	-13.0%	-2.9%	1.2%	2.4%	
Woolworths Limited		25.47	0.62	0.8%	3.1%	1.2%	5.7%	-1.3%	-3.6%	-1.6%	-20.1%	-9.4%	
Woodside Petroleum Limited		29.76	0.33	0.6%	3.7%	4.3%	-4.5%	-2.6%	-6.9%	8.5%	-24.4%	-2.3%	
International													
*as at 16-Oct-17													
iShare MSCI All Asia ex Japan	USD \$	75.00	0.98	-0.5%	0.7%	1.6%	36.5%	7.1%	7.2%	2.6%	-11.7%	0.6%	
Blackrock Int Equity Fund*	AUD \$	15.01	0.65	0.4%	-0.5%	3.6%	1.6%	-3.9%	4.0%	-6.5%	4.8%	14.2%	
Blackrock Australian Equity Fund*	AUD \$	1.60	0.70	0.6%	1.9%	1.6%	-0.4%	-4.8%	-1.0%	-0.5%	-4.3%	1.9%	
Vanguard International Share*	AUD \$	2.01	0.67	0.3%	-0.5%	3.2%	1.3%	-2.7%	3.5%	4.4%	5.5%	13.5%	
Vanguard FTSE World exUS	USD \$	53.66	0.98	-0.3%	0.6%	0.8%	21.5%	5.4%	4.6%	1.8%	-7.4%	-7.6%	
Vanguard FTSE Europe	USD \$	58.43	0.97	-0.4%	-0.5%	0.0%	21.9%	5.8%	6.9%	-3.9%	-4.8%	-10.9%	
iShares Core MSCI Europe	USD \$	49.83	0.97	-0.4%	-0.5%	0.5%	22.5%	6.0%	6.6%	-3.7%	-3.4%		
iShares Asia 50	USD \$	64.06	0.99	-0.2%	1.2%	3.0%	38.5%	7.3%	8.9%	9.4%	-10.2%	-1.9%	
iShares MSCI Japan	USD \$	57.58	0.99	-0.1%	2.0%	3.6%	17.8%	3.8%	4.2%	-1.3%	10.1%	-0.5%	
Acadian Global Managed Volatility Equity Fund		1.68	0.67	0.4%	0.2%	2.8%	5.4%	1.5%	-0.2%	2.1%	1.3%	8.1%	
Lazard Global Managed Volatility Fund - Australia*		1.09	0.57	0.2%	-0.2%	2.6%	9.1%	1.8%	0.8%				

*Lazard performance since inception 28.02.17