

**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 2015	Q2 2015	2014	2013	2012
		20-Nov-15	wk	Day	Week	Month	YTD					
<b>Interest Rates</b>												
<b>Central Bank Bills</b>												
Change to today's price from closing prices of prior period												
28 days	C-bill auctions on Wednesday; reported Thursday/Friday	1.35%	0.15		0.01%	0.07%	-0.59%	-0.4%	-0.1%	1.94%	1.84%	1.98%
60 days		2.35%	0.18		0.01%	0.09%	-0.50%	-0.4%	-0.1%	2.85%	2.12%	2.11%
90 days		2.53%	0.12		0.00%	0.06%	-0.46%	-0.3%	0.0%	2.99%	2.17%	2.22%
182 days		4.55%	1.00		0.00%	0.00%	0.00%	0.0%	0.0%	4.55%	2.51%	2.32%
<b>Treasury Bills</b>												
63 days		2.37%	1.00		0.00%	0.00%	0.37%	0.4%	*since first issuance			
91 days		2.42%	0.81		0.00%	0.00%	-0.58%	-0.5%	*since first issuance			
182 days	Tbill auctions are irregular Wednes reported Thursday/Friday	4.57%	0.44		0.02%	0.05%	-0.08%	0.1%	-0.2%	4.65%	2.52%	1.95%
364 days		7.50%	1.00		0.01%	0.10%	0.08%	0.2%	-0.2%	7.42%	3.76%	2.55%
<b>Government Inscribed Stock</b>												
2017/2015	GIS auctions usually monthly reported Thursday/Friday	9.79%	1.00			0.00%	1.84%	0.1%	-0.1%	7.95%	4.52%	4.80%
2020/2019		11.04%	1.00			0.09%	0.31%	0.1%	-0.1%	10.73%	8.01%	7.50%
2024/2022/2023		11.16%	0.07			0.00%	-0.73%	0.0%	-0.1%	11.89%	9.17%	7.98%
2027/2029		11.90%	0.22			0.16%	-0.73%	0.0%	0.0%	12.63%	10.50%	9.80%
2031		13.74%	0.00			0.00%	0.00%	0.0%	0.0%	13.74%	10.00%	0.00%
<b>Kina Facility Rate</b>												
		6.25%										
<b>Ten year Government Bond yields</b>												
United States		2.26%	0.74	0.01%	-0.05%	0.17%	0.07%	-0.3%	0.4%	2.19%	3.03%	1.76%
United Kingdom		1.59%	0.38	0.00%	0.00%	-0.27%	-0.20%	0.0%	0.0%	1.79%	3.03%	1.84%
Australia		2.91%	0.76	0.04%	-0.04%	0.30%	0.08%	-0.4%	0.7%	2.83%	4.24%	3.28%
France		0.82%	0.48	0.01%	-0.11%	-0.03%	-0.01%	-0.2%	0.7%	0.83%	2.43%	1.99%
Japan		0.32%	0.33	0.03%	0.01%	0.06%	-0.01%	-0.1%	0.1%	0.33%	0.74%	0.79%
Australia	RBA Cash Rate	2.00%										
<b>PNG CPI Index</b>												
		Latest 12 mth % change 5.7%										
<b>Currencies</b>												
Percentage changes												
PGK/USD		0.3390	0.00	-0.1%	-0.1%	-1.5%	-12.6%	-4.4%	-2.4%	-2.4%	-17.8%	3.6%
PGK/AUD		0.4686	0.20	-0.7%	-1.7%	-1.7%	-1.0%	4.9%	-3.5%	5.9%	-3.9%	1.3%
PGK/GBP		0.2232	0.07	0.5%	0.0%	-0.6%	-10.4%	-0.7%	-7.8%	3.9%	-19.4%	-1.7%
PGK/INZD		0.5166	0.39	0.0%	-0.5%	1.4%	4.3%	1.4%	7.5%	2.1%	-17.0%	-3.2%
PGK/JPY		41.630	0.09	-0.2%	0.0%	-0.4%	-10.3%	-6.3%	-0.5%	10.9%	-0.2%	16.0%
AUD/USD		0.7239	0.21	0.6%	1.6%	0.3%	-11.6%	-8.9%	1.1%	-7.8%	-14.5%	1.5%
USD/JPY		122.810	0.75	0.0%	0.1%	1.1%	2.6%	-2.1%	2.0%	13.6%	21.4%	12.9%
EUR/USD		1.0646	0.07	-0.8%	-1.2%	-3.4%	-12.4%	0.3%	3.7%	-11.6%	4.2%	2.1%
GBP/USD		1.5191	0.45	-0.7%	-0.1%	-0.8%	-2.4%	-3.7%	5.9%	-6.1%	2.0%	4.8%
MYR/USD		0.2337		0.1%	2.2%	-0.3%	-18.1%	-14.3%	-1.8%	-6.4%	-6.8%	3.6%
<b>Equity Indices</b>												
Percentage changes												
Papua New Guinea	KSi Index	3,567.51	0.37	0.0%	0.5%	2.1%	2.0%	0.7%	0.0%	-9.7%	-14.9%	-21.3%
	KSi Home Index	9,655.41	0.45	0.0%	0.9%	-0.1%	1.0%	-0.4%	0.0%	16.9%	-1.9%	-9.9%
<b>Australia</b>												
All Ordinaries		5,305.45	0.35	0.2%	3.8%	-1.5%	-1.5%	-7.2%	-7.0%	0.7%	14.8%	13.5%
S&P/ASX 100		4,367.90	0.30	0.3%	4.0%	-2.0%	-3.2%	-8.1%	-7.5%	1.5%	16.3%	15.2%
S&P/ASX 20		3,136.00	0.22	0.5%	4.1%	-3.2%	-7.7%	-10.2%	-8.5%	0.6%	17.9%	17.0%
S&P/ASX 50		5,305.00	0.26	0.4%	4.0%	-2.5%	-4.6%	-8.9%	-7.4%	0.7%	16.8%	16.1%
S&P/ASX Midcap 50		5,139.60	0.74	-0.6%	4.0%	1.5%	8.3%	-2.3%	-8.3%	9.2%	12.6%	7.9%
S&P/ASX Small Ordinaries		2,128.80	0.62	0.5%	3.5%	1.1%	4.1%	-5.3%	-4.5%	-6.8%	-3.8%	3.2%
S&P/ASX 200		5,256.14	0.32	0.3%	4.1%	-1.8%	-2.9%	-8.0%	-7.3%	1.1%	15.1%	14.6%
S&P/ASX 300		5,209.33	0.32	0.3%	4.0%	-1.7%	-2.6%	-7.9%	-7.3%	0.8%	14.7%	14.2%
S&P/ASX 200 Energy		8,624.70	0.14	-1.1%	6.6%	-5.6%	-25.7%	-25.9%	0.8%	-14.8%	9.8%	-2.6%
S&P/ASX 200 Materials		7,485.40	0.08	0.2%	2.1%	-10.4%	-14.2%	-12.8%	-5.4%	-14.5%	-3.7%	1.0%
S&P/ASX 200 Industrials		4,979.20	1.00	0.4%	3.8%	3.2%	15.2%	2.4%	-3.0%	8.9%	11.7%	6.4%
S&P/ASX 200 Consumer Discretionary		1,905.40	0.65	-0.3%	4.2%	1.6%	8.7%	-0.9%	-9.8%	-4.2%	36.3%	14.6%
S&P/ASX 200 Consumer Staples		8,314.10	0.16	0.5%	3.2%	-7.4%	-9.4%	-1.1%	-10.2%	-8.4%	12.9%	21.0%
S&P/ASX 200 Healthcare		19,510.20	0.86	-0.4%	2.9%	7.6%	11.6%	-1.7%	-7.3%	21.7%	23.5%	45.6%
S&P/ASX 200 Financials		6,148.10	0.33	0.6%	4.5%	-0.5%	-1.7%	-9.1%	-9.5%	6.5%	23.6%	21.7%
S&P/ASX 200 Information Technology		782.80	0.62	1.3%	5.5%	6.5%	0.0%	-6.4%	-6.2%	5.6%	24.3%	19.7%
S&P/ASX 200 Telecommunication Services		1,959.20	0.21	-0.2%	5.2%	-2.5%	-6.1%	-7.4%	-2.4%	14.6%	21.8%	31.7%
S&P/ASX 200 Utilities		6,994.00	0.97	-0.4%	4.2%	1.8%	18.3%	1.3%	-3.9%	9.9%	2.3%	15.7%
S&P/ASX 200 A-REIT		1,282.80	0.66	0.1%	3.7%	-0.4%	8.1%	0.2%	-3.9%	20.4%	1.1%	25.2%
S&P/ASX 200 Financial-x-A-REIT		7,034.80	0.31	0.6%	4.7%	-0.5%	-3.4%	-10.7%	-10.4%	4.3%	28.1%	21.0%
<b>North American</b>												
DJIA		17,823.81	0.82	0.5%	2.2%	1.0%	0.0%	-7.6%	-0.9%	7.5%	26.5%	7.3%
S&P 500		2,089.17	0.84	0.4%	2.1%	0.7%	1.5%	-6.9%	-0.2%	11.4%	29.6%	13.4%
NASDAQ		5,104.92	0.84	0.6%	2.0%	1.5%	7.8%	-7.4%	1.8%	13.4%	38.3%	15.9%
Toronto S&P/TSX		13,410.00	0.19	-0.3%	2.4%	-3.6%	-8.0%	-8.7%	-2.7%	7.0%	9.6%	4.0%
<b>Europe</b>												
FTSE		6,334.63	0.36	0.1%	2.5%	-1.7%	-3.5%	-7.0%	-3.7%	-2.7%	14.4%	5.8%
DAX		11,119.83	0.59	0.3%	3.1%	3.0%	13.4%	-11.7%	-8.5%	2.7%	25.5%	25.3%
CAC 40		4,910.97	0.72	-0.1%	1.1%	-0.3%	14.9%	-7.0%	-4.8%	-0.5%	18.0%	13.0%
<b>Asia</b>												
Nikkei		19,879.81	0.76	0.1%	1.4%	5.6%	13.9%	-14.1%	5.4%	7.1%	57.8%	22.1%
Hang Seng		22,754.72	0.28	1.1%	1.6%	-1.7%	-3.6%	-20.6%	5.4%	1.5%	2.6%	22.9%
Shanghai		3,630.50	0.36	0.4%	0.8%	6.4%	12.2%	-28.6%	14.1%	54.2%	-7.6%	3.2%
Sensex		25,868.49	0.50	0.1%	1.1%	-5.8%	-2.2%	-5.9%	-0.7%	24.9%	8.1%	26.7%

**Shading Key:**

<span style="background-color: #008000; color: white; padding: 2px;">52</span>	52 week high (green = 1), low (red = 0) or shaded in-between
<span style="background-color: #90EE90; color: white; padding: 2px;">%</span>	2 standard deviation move up (5%)
<span style="background-color: #90EE90; color: white; padding: 2px;">%</span>	1 standard deviation move up (33%)
<span style="background-color: #FFB6C1; color: white; padding: 2px;">%</span>	1 standard deviation move down (33%)
<span style="background-color: #FFB6C1; color: white; padding: 2px;">%</span>	2 standard deviation move down (5%)

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

**23-Nov-15**  
Reporting closing prices for prior day

		52	Movement for the period				Q3 2015	Q2 2015	2014	2013	2012	
		20-Nov-15	wk	Day	Week	Month	YTD					
<b>Indices</b>												
MSCI AC Asia-ex-Japan*	USD	346.48	0.30	2.4%	0.1%	-3.3%	-6.6%	-17.0%	0.6%	5.1%	2.7%	20.1%
MSCI ACWI-ex-Australia*	USD	186.57	0.58	0.8%	1.8%	-0.3%	0.5%	-11.1%	0.5%	4.7%	23.1%	15.6%
MSCI All Country World Index*	USD	188.90	0.57	0.9%	1.8%	-0.3%	0.2%	-11.2%	0.3%	4.4%	22.5%	15.8%
iShare Emerging Markets		35.12	0.30	1.0%	3.2%	-3.2%	-10.6%	-17.3%	-1.3%	-6.0%	-5.8%	16.9%
VIX Volatility S&P500		15.47	0.13	-8.9%	-15.8%	7.0%	-2.8%	34.4%	19.2%	16.0%	-23.9%	-23.0%
<b>Commodities</b>												
Light Crude (WTI)	US\$/bbl	40.39	0.07	-0.4%	-2.7%	-9.4%	-24.2%	-24.2%	24.9%	-45.9%	7.2%	-7.1%
Brent Crude	US\$/bbl	44.66	0.07	0.8%	1.4%	-6.9%	-22.1%	-23.9%	15.4%	-48.3%	-0.3%	3.6%
Gold	US\$/oz	1,076.30	0.03	-0.1%	-0.5%	-7.4%	-9.1%	-4.8%	-1.0%	-1.5%	-28.3%	7.0%
Silver	US\$/oz	14.13	0.01	-0.9%	-0.9%	-10.7%	-9.4%	-6.8%	-6.1%	-19.5%	-35.9%	8.3%
Copper	US\$/lb	2.06	0.00	-1.1%	-4.4%	-12.4%	-27.1%	-10.5%	-4.6%	-16.8%	-7.0%	6.3%
Malaysian Palm Oil* RM/tn		2,159	0.60	0.9%	-2.2%	-4.1%	-5.8%	3.7%	4.1%	-12.8%	13.3%	-26.9%
LNG *Jap/Korea	US\$/mmBtu	7.60	0.25	0.0%	0.0%	2.7%	-24.4%	6.6%	1.1%	-49.2%	n/a	n/a
ICCO Cocoa	US\$/mt	3,366	0.98	0.0%	1.7%	7.7%	15.7%	-4.9%	21.3%	7.4%	21.2%	6.0%
ICO Coffee	US\$/lb	122	0.13	1.7%	5.7%	2.9%	-26.8%	-7.1%	-1.7%	50.5%	-23.0%	
<b>Equities</b>												
<b>Domestic</b>												
<b>PGK K</b>												
<b>Arbitrage</b>												
<b>POMSox</b>												
Percentage changes												
Bank South Pacific		7.44	0.84	0.0%	1.2%	0.0%	4.2%	0.7%	0.7%	-10.5%	-1.0%	7.0%
Credit Corporation		2.40	0.00	0.0%	0.0%	0.0%	-7.7%	-4.0%	-3.8%	4.0%	13.6%	11.1%
City Pharmacy		1.35	0.00	0.0%	0.0%	0.0%	-6.2%	-4.8%	5.0%	-26.5%	26.5%	38.4%
Kina Petroleum Limited		0.40	0.00	0.0%	0.0%	0.0%	-46.7%	0.0%	0.0%	-21.1%		
Kina Asset Management Limited		0.95	0.00	0.0%	0.0%	-3.1%	-5.0%	-3.0%	0.0%	-9.1%	22.2%	-4.3%
Kina Securities Limited	2.50	2.70	0.00	0.0%	3.8%	3.8%	8.0%	4.0%	*Performance since first close price			
Airlines PNG		0.33	0.00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.7%	-2.8%	-10.0%
Steamship Trading Company	40.12	5.00	0.00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	17.50	16.00	0.57	0.0%	0.9%	4.9%	0.0%	0.0%	0.0%	-8.7%	30.6%	-2.8%
Highlands Pacific Limited	0.16	0.25	1.00	0.0%	0.0%	0.0%	66.7%	56.3%	14.3%	-25.0%	-48.7%	-2.5%
Newcrest Mining Limited	25.10	25.00	0.17	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	-20.0%	-40.0%	-30.6%
<b>Australia</b>												
AMP Limited		5.89	0.40	0.9%	3.0%	-1.0%	7.1%	-7.6%	-6.5%	25.3%	-8.7%	18.2%
ANZ Banking Group Limited		27.74	0.20	0.8%	5.4%	-4.0%	-13.6%	-15.9%	-12.1%	-0.4%	28.7%	22.0%
BHP Billiton Limited		20.50	0.06	0.4%	1.3%	-16.6%	-25.3%	-17.9%	-6.7%	-22.7%	2.4%	7.8%
Bougainville Copper Limited		0.27	0.26	0.0%	0.0%	-10.0%	5.9%	-12.5%	45.5%	-46.3%	-7.8%	-26.4%
Bank of Queensland		14.41	0.93	0.4%	7.2%	6.3%	18.3%	-9.1%	-7.4%	0.2%	65.4%	0.5%
Brambles Limited		10.92	0.59	0.6%	4.3%	7.4%	2.7%	-8.1%	-8.0%	16.2%	21.8%	4.9%
Commonwealth Bank of Australia		79.83	0.37	0.9%	5.4%	3.2%	-6.8%	-14.6%	-8.9%	10.1%	25.1%	26.3%
Coca Cola Amatil		9.34	0.40	0.4%	2.9%	2.4%	0.2%	-1.5%	-15.1%	-22.5%	-10.6%	16.9%
CSL		98.27	0.86	0.2%	3.3%	8.7%	13.4%	3.2%	-6.1%	25.7%	27.9%	68.4%
Fortescue Mining		2.09	0.38	-3.7%	-8.3%	-19.0%	-23.7%	-4.7%	-2.6%	-52.9%	25.2%	8.9%
Highlands Pacific Limited		0.08	0.26	0.0%	0.0%	-3.8%	35.1%	-16.0%	38.9%	-6.6%	-59.3%	11.1%
Horizon Oil Ltd		0.11	0.36	4.8%	4.8%	-8.3%	-31.3%	6.8%	-20.0%	-47.5%	-29.1%	115.0%
Kina Securities Ltd		1.17	0.00	-0.8%	0.0%	-1.7%	-10.0%	-14.6%	*Performance since first close price			
Macquarie Group Ltd		83.00	0.91	0.6%	4.1%	-0.3%	42.4%	-5.8%	6.2%	5.4%	55.8%	49.2%
Mirvac Group		1.88	0.43	-0.3%	5.0%	5.0%	5.6%	-7.0%	-8.0%	6.0%	13.1%	25.8%
National Australia Bank		29.96	0.18	0.8%	6.1%	-7.6%	-10.8%	-10.0%	-13.6%	-3.5%	39.3%	7.0%
Newcrest Mining Limited		11.76	0.33	0.7%	5.7%	-15.1%	8.0%	-2.5%	-2.6%	39.6%	-64.8%	-25.1%
Oil Search Limited		8.20	0.90	0.6%	6.1%	10.1%	3.9%	0.6%	-1.0%	-2.7%	15.7%	12.2%
Origin Energy Ltd		5.48	0.09	0.6%	15.6%	-9.0%	-53.0%	-55.4%	5.8%	-17.1%	21.1%	-12.9%
PanAust Ltd		1.84	0.98	0.0%	0.0%	0.0%	30.0%	0.0%	7.0%	-21.4%	-46.1%	4.4%
Qbe Insurance Group Ltd		12.74	0.54	-0.9%	-3.7%	-5.6%	13.6%	-5.7%	4.8%	-2.6%	5.6%	-15.8%
Rio Tinto Limited		48.61	0.11	-0.1%	-0.1%	-9.0%	-16.2%	-9.6%	-6.1%	-14.9%	3.3%	9.5%
Santos Limited		4.14	0.03	-4.4%	4.3%	-35.9%	-49.8%	-49.2%	9.7%	-43.6%	31.8%	-9.3%
Stockland		3.99	0.24	-0.2%	3.9%	0.8%	-3.2%	-6.1%	-8.9%	14.1%	2.3%	10.7%
Steamship Trading Company		18.80	0.18	0.0%	0.0%	5.0%	-41.3%	-35.7%	-3.4%	3.2%	17.0%	2.7%
Suncorp Metway Limited		13.41	0.50	0.2%	4.4%	0.8%	-4.6%	-9.2%	-0.5%	7.3%	28.8%	21.4%
Sydney Airport		6.54	1.00	2.5%	5.8%	1.1%	38.9%	19.7%	-3.9%	23.9%	12.4%	27.1%
Transurban Group		10.37	0.94	0.2%	2.4%	0.3%	20.9%	6.9%	-2.4%	25.4%	12.3%	8.4%
Telstra Corporation Limited.		5.41	0.18	-0.4%	5.3%	-3.0%	-9.4%	-8.6%	-2.7%	13.7%	20.1%	31.2%
Wesfarmers Ltd		39.01	0.20	0.8%	4.4%	-6.4%	-6.5%	0.5%	-11.2%	-5.3%	19.5%	24.9%
Westpac Banking Corporation		31.86	0.26	0.9%	4.4%	1.0%	-3.9%	-7.6%	-18.4%	2.4%	24.3%	30.2%
Woolworths Limited		23.71	0.05	0.3%	0.8%	-14.7%	-22.7%	-7.9%	-8.6%	-9.4%	15.4%	16.9%
Woodside Petroleum Limited		30.00	0.17	-1.6%	5.4%	-3.5%	-21.1%	-15.5%	-0.8%	-2.3%	14.8%	10.6%
<b>International</b>												
iShare MSCI All Asia ex Japan	USD \$	56.45	0.34	1.0%	2.1%	-3.9%	-7.0%	-16.3%	-1.5%	0.6%	-0.3%	21.3%
Marengo Mining	Toronto CAD \$	0.005	0.00	0.0%	0.0%	0.0%	0.0%	0.0%	-50.0%	-66.7%	-89.3%	-39.1%
Blackrock Int Equity Fund*	AUD \$	16.30	0.77	-1.3%	0.3%	1.2%	8.2%	-7.1%	-0.5%	14.2%		
Blackrock Australian Equity Fund*	AUD \$	1.59	0.26	1.7%	1.9%	0.0%	-5.8%	-10.2%	-7.3%	1.9%	12.5%	
Vanguard International Share*	AUD \$	1.95	0.72	-1.2%	0.4%	1.1%	8.3%	-5.3%	-0.8%	13.5%	46.1%	9.4%

\*as at 19-Nov-15