

**Shading Key:**

<span style="background-color: green; color: white;">■</span>	52 week high (green = 1), low (red = 0) or shaded in-between
<span style="background-color: #d9ead3;">■</span>	2 standard deviation move up (5%)
<span style="background-color: #fff2cc;">■</span>	1 standard deviation move up (33%)
<span style="background-color: #f4cccc;">■</span>	1 standard deviation move down (33%)
<span style="background-color: #e41e2c;">■</span>	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 2016	Q2 2016	2015	2014	2013
		15-Nov-16	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	1.17%	0.42		0.00%	0.00%	-0.13%	0.0%	0.0%	1.30%	1.94%	1.84%
60 days		2.36%	0.90		0.00%	0.00%	0.04%	0.0%	0.1%	2.32%	2.85%	2.12%
90 days		2.51%	0.00		0.00%	-0.01%	-0.01%	0.0%	0.0%	2.52%	2.99%	2.17%
182 days		4.55%			0.00%	0.00%	0.00%	0.0%	0.0%	4.55%	4.55%	2.51%
<b>Treasury Bills</b>												
28 days		1.22%			0.00%	0.00%	1.22%	*historical data tba		1.44%		
63 days		2.40%	0.14		0.00%	0.00%	0.40%	*historical data tba		2.44%		
91 days		2.61%	0.48		0.00%	-0.01%	-0.39%	0.0%	-0.2%	2.58%	0.00%	0.00%
182 days	Tbill auctions are irregular Wednesday reported Thursday/Friday	4.72%	0.79		0.00%	0.00%	0.07%	0.0%	0.0%	4.65%	4.65%	2.52%
364 days		7.73%	1.00		0.00%	0.01%	0.13%	0.1%	0.0%	7.60%	7.42%	3.76%
<b>Government Inscribed Stock</b>												
2019/2018/2017	GIS auctions usually monthly reported Thursday/Friday	9.10%	0.10			0.05%	-0.87%	0.1%	0.0%	9.97%	7.95%	4.52%
2021/2020/2019		10.80%	0.22			-0.15%	-0.53%	-0.9%	0.1%	11.33%	10.73%	8.01%
2025/2024/2022		11.44%	0.30			-0.04%	0.28%	-0.6%	0.1%	11.16%	11.89%	9.17%
2029/2027		12.49%	0.98			-0.01%	0.49%	0.3%	0.2%	12.00%	12.63%	10.50%
2031		13.74%				0.00%	0.00%	0.0%	0.0%	13.74%	13.74%	0.00%
<b>Kina Facility Rate</b>												
6.25%												
<b>Ten year Government Bond yields</b>												
United States		2.22%	0.90	-0.04%	0.36%	0.48%	-0.08%	0.1%	-0.3%	2.29%	2.19%	3.03%
United Kingdom		1.38%	0.58	-0.03%	0.14%	0.30%	-0.61%	-0.1%	-0.5%	1.99%	1.76%	3.03%
Australia		2.66%	0.74	0.00%	0.31%	0.33%	-0.22%	-0.1%	-0.5%	2.88%	2.83%	4.24%
France		0.73%	0.69	-0.07%	0.23%	0.41%	-0.26%	0.0%	-0.3%	0.99%	0.83%	2.43%
Japan		0.01%	0.48	0.02%	0.07%	0.06%	-0.26%	0.1%	-0.2%	0.27%	0.33%	0.74%
<b>Australia RBA Cash Rate</b>												
1.50%												
<b>PNG CPI Index Latest 12 mth % change</b>												
6.8%												
<b>Currencies</b>												
Percentage changes												
PGK/USD		0.3155	0.00	0.0%	0.0%	0.0%	-5.1%	-0.2%	-2.0%	-14.3%	-2.4%	-17.8%
PGK/AUD		0.4182	0.13	0.0%	2.1%	1.6%	-8.2%	-2.2%	0.7%	-3.8%	5.9%	-3.9%
PGK/GBP		0.2531	0.86	0.8%	-0.5%	-1.9%	12.8%	2.5%	5.7%	-10.0%	3.9%	-19.4%
PGK/NZD		0.4441	0.23	-0.3%	3.2%	1.0%	-8.5%	-1.8%	-5.1%	-1.9%	2.1%	-17.0%
PGK/IPY		34.120	0.26	0.5%	3.6%	3.9%	-14.8%	-2.4%	-10.2%	-13.7%	10.9%	-0.2%
AUD/USD		0.7545	0.72	0.0%	-2.1%	-1.6%	3.3%	2.4%	-2.7%	-10.9%	-7.8%	-14.5%
USD/IPY		108.150	0.35	0.5%	3.6%	3.9%	-10.2%	-2.1%	-8.3%	0.6%	13.6%	21.4%
EUR/USD		1.0751	0.19	-0.4%	-2.7%	-2.4%	-1.6%	1.0%	-2.4%	-10.1%	-11.6%	4.2%
GBP/USD		1.2468	0.10	-0.7%	0.5%	2.0%	-15.9%	-2.6%	-7.3%	-4.8%	-6.1%	2.0%
MYR/USD		0.2303	0.12	-0.3%	-3.2%	-3.2%	-1.2%	-3.7%	-2.7%	-18.3%	-6.4%	-6.8%
<b>Equity Indices</b>												
<b>Papua New Guinea</b>												
Percentage changes												
KS Index		4,775.81	0.97	0.0%	-0.4%	0.1%	39.7%	3.1%	14.7%	-2.3%	-9.7%	-14.9%
KS Home Index		10,665.23	0.95	0.0%	0.3%	0.3%	11.1%	11.1%	6.5%	0.5%	16.9%	-1.9%
<b>Australia</b>												
All Ordinaries		5,399.77	0.68	-0.4%	1.1%	-1.7%	1.0%	4.0%	3.1%	-0.8%	0.7%	14.8%
S&P/ASX 100		4,408.80	0.70	-0.4%	1.5%	-1.4%	0.3%	3.6%	2.8%	-2.6%	1.5%	16.3%
S&P/ASX 20		3,089.30	0.73	-0.4%	2.8%	-0.5%	-2.9%	3.4%	1.5%	-6.4%	0.6%	17.9%
S&P/ASX 50		5,308.20	0.71	-0.4%	1.8%	-1.2%	-0.7%	3.3%	2.4%	-3.9%	0.7%	16.8%
S&P/ASX Midcap 50		5,499.70	0.61	-0.2%	-0.1%	-2.5%	7.7%	5.8%	5.4%	7.6%	9.2%	12.6%
S&P/ASX Small Ordinaries		2,297.20	0.59	-0.2%	-1.2%	-3.4%	5.6%	7.3%	5.3%	6.4%	-6.8%	-3.8%
S&P/ASX 200		5,326.20	0.68	-0.4%	1.3%	-1.6%	0.6%	3.9%	3.0%	-2.1%	1.1%	15.1%
S&P/ASX 300		5,288.39	0.68	-0.4%	1.2%	-1.6%	0.7%	4.0%	3.0%	-1.9%	0.8%	14.7%
S&P/ASX 200 Energy		8,368.80	0.75	1.0%	0.9%	-2.8%	4.5%	2.3%	5.3%	-31.0%	-14.8%	9.8%
S&P/ASX 200 Materials		9,503.90	0.94	-1.0%	2.7%	5.7%	35.3%	13.1%	10.6%	-19.5%	-14.5%	-3.7%
S&P/ASX 200 Industrials		4,943.20	0.38	-0.1%	0.3%	-3.2%	1.7%	0.7%	2.4%	12.5%	8.9%	11.7%
S&P/ASX 200 Consumer Discretionary		1,997.20	0.43	0.6%	-2.4%	-6.1%	0.1%	6.5%	4.0%	13.8%	-4.2%	36.3%
S&P/ASX 200 Consumer Staples		8,555.40	0.44	-0.7%	-0.5%	-7.8%	-2.7%	10.6%	-3.6%	-4.2%	-8.4%	12.9%
S&P/ASX 200 Healthcare		19,926.50	0.32	-1.5%	0.9%	-6.2%	0.5%	1.7%	10.2%	13.4%	21.7%	23.5%
S&P/ASX 200 Financials		6,073.80	0.73	0.1%	4.4%	0.9%	-3.5%	2.3%	0.2%	0.7%	6.5%	23.6%
S&P/ASX 200 Information Technology		768.00	0.49	-0.9%	1.7%	-4.2%	-5.1%	8.0%	1.0%	3.4%	5.6%	24.3%
S&P/ASX 200 Telecommunication Services		1,681.60	0.00	-1.4%	-4.0%	-6.3%	-17.0%	-9.0%	4.2%	-2.9%	14.6%	21.8%
S&P/ASX 200 Utilities		6,706.70	0.08	-0.5%	-6.1%	-5.9%	-3.4%	-3.3%	7.2%	17.4%	9.9%	2.3%
S&P/ASX 200 A-REIT		1,253.00	0.01	-0.5%	-4.7%	-7.6%	-3.0%	-2.7%	7.7%	8.9%	20.4%	1.1%
S&P/ASX 200 Financial-x-A-REIT		6,774.30	0.62	0.1%	4.4%	0.9%	-6.3%	3.9%	-1.4%	-0.8%	4.3%	28.1%
<b>North American</b>												
DJIA		18,923.06	1.00	0.3%	3.2%	4.2%	7.5%	2.1%	1.4%	-1.2%	7.5%	26.5%
S&P 500		2,180.39	0.97	0.7%	1.9%	1.9%	5.7%	3.3%	1.9%	0.2%	11.4%	29.6%
NASDAQ		5,275.62	0.94	1.1%	1.6%	0.6%	4.1%	9.7%	-0.6%	7.0%	13.4%	38.3%
Toronto S&P/TSX		14,720.00	0.95	1.1%	0.6%	0.1%	12.8%	4.6%	4.4%	-10.5%	7.0%	9.6%
<b>Europe</b>												
FTSE		6,792.74	0.80	0.6%	-0.7%	-3.0%	8.3%	6.1%	5.3%	-4.4%	-2.7%	14.4%
DAX		10,735.14	0.75	0.4%	2.4%	1.0%	-0.1%	8.6%	-2.9%	9.6%	2.7%	25.5%
CAC 40		4,536.53	0.60	0.6%	1.3%	0.6%	-3.0%	5.0%	-3.4%	9.5%	-0.5%	18.0%
<b>Asia</b>												
Nikkei		17,668.15	0.54	0.0%	2.9%	4.2%	-7.2%	5.6%	-7.1%	9.1%	7.1%	57.8%
Hang Seng		22,323.91	0.68	0.5%	-2.6%	-4.6%	1.9%	12.0%	0.1%	-7.2%	1.5%	2.6%
Shanghai		3,206.99	0.55	-0.1%	1.9%	4.0%	-9.7%	2.6%	-2.5%	9.8%	54.2%	-7.6%
Sensex		26,304.63	0.55	-1.9%	-4.7%	-6.2%	1.2%	3.2%	6.5%	-1.7%	24.9%	8.1%

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

		15-Nov-16	52 wk	Movement for the period				Q3 2016	Q2 2016	2015	2014	2013	
				Day	Week	Month	YTD						
<b>Indices</b>													
MSCI AC Asia-ex-Japan*	USD	354.18	0.65	0.0%	-4.3%	-5.0%	5.4%	11.9%	-1.2%	-9.4%	5.1%	2.7%	
MSCI ACWI-ex-Australia*	USD	188.89	0.80	-0.4%	-0.3%	-0.3%	3.3%	5.2%	1.0%	-1.5%	4.7%	23.1%	
MSCI All Country World Index*	USD	191.65	0.80	0.0%	-0.3%	-0.3%	3.4%	6.6%	-0.2%	-1.7%	4.4%	22.5%	
iShare Emerging Markets		34.99	0.68	2.0%	-6.6%	-6.7%	8.4%	9.0%	0.3%	-17.8%	-6.0%	-5.8%	
VIX Volatility S&P500		13.37	0.12	-7.7%	-28.7%	-12.5%	-22.7%	-15.0%	12.0%	8.6%	16.0%	-23.9%	
<b>Commodities</b>													
Light Crude (WTI)	US\$/bbl	45.81	0.77	5.7%	2.2%	-8.9%	24.9%	-0.2%	26.1%	-31.2%	-45.9%	7.2%	
Brent Crude	US\$/bbl	46.96	0.76	5.1%	2.4%	-9.1%	28.3%	-1.2%	25.5%	-36.2%	-48.3%	-0.3%	
Gold	US\$/oz	1,224.50	0.54	0.2%	-4.0%	-3.0%	15.4%	-0.3%	6.9%	-10.4%	-1.5%	-28.3%	
Silver	US\$/oz	17.04	0.48	0.9%	-7.2%	-3.4%	22.4%	3.2%	20.4%	-10.7%	-19.5%	-35.9%	
Copper	US\$/lb	2.51	0.94	-0.6%	5.4%	19.0%	16.7%	0.7%	0.6%	-24.0%	-16.8%	-7.0%	
Iron Ore	US\$/mt	76.57	1.00	0.0%	19.6%	30.8%	76.4%	8.6%	0.0%	-37.4%	-48.1%	-5.3%	
Malaysian Palm Oil* RM/tn		2,856	0.87	0.0%	0.1%	4.9%	23.6%	15.6%	-10.8%	0.8%	-12.8%	13.3%	
LNG *Jap/Korea	US\$/mmBtu	7.08	0.81	-0.1%	0.4%	3.4%	2.1%	6.8%	25.3%	-32.8%	-21.3%	0.0%	
ICCO Cocoa	US\$/mt	2,378	0.00	-0.6%	-4.9%	-11.9%	-26.4%	-8.1%	1.8%	11.0%	7.4%	21.2%	
ICO Coffee	US\$/lb	162	0.80	0.0%	-3.4%	1.9%	30.9%	5.2%	13.1%	-25.8%	50.5%	-23.0%	
<b>Equities</b>													
<b>Domestic</b>													
	PGK K	Arbitrage	POMSox	Percentage changes									
Bank South Pacific			8.99	0.94	0.0%	-0.1%	0.4%	19.9%	12.3%	8.4%	5.0%	-10.5%	-1.0%
Credit Corporation			1.95	0.44	0.0%	3.2%	2.6%	-13.3%	10.1%	0.0%	-13.5%	4.0%	13.6%
City Pharmacy			1.00	0.00	0.0%	0.0%	-12.3%	-24.8%	-2.5%	-8.5%	-7.6%	-26.5%	26.5%
Kina Petroleum Limited			0.40		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-46.7%	-21.1%	
Kina Asset Management Limited			0.97	0.86	0.0%	0.0%	0.0%	14.1%	0.0%	-1.0%	-15.0%	-9.1%	22.2%
Kina Securities Limited		2.42	2.70		0.0%	0.0%	1.9%	12.0%	0.4%		27.4%	**from IPO price K2.08	
Airlines PNG			0.15	0.00	0.0%	0.0%	0.0%	-54.5%	0.0%	0.0%	0.0%	-5.7%	-2.8%
Steamship Trading Company	53.80		5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	15.71		17.10	0.78	0.0%	-1.2%	0.0%	21.6%	0.1%	18.9%	-12.1%	-8.7%	30.6%
Highlands Pacific Limited	0.16		0.18	0.30	0.0%	0.0%	0.0%	-10.0%	20.0%	-25.0%	33.3%	-25.0%	-48.7%
Newcrest Mining Limited	50.19		46.00	1.00	0.0%	0.0%	0.0%	76.9%	4.5%	15.8%	8.3%	-20.0%	-40.0%
<b>Australia</b>													
AMP Limited			4.73	0.20	0.9%	3.7%	-10.4%	-18.9%	2.3%	-10.9%	6.0%	25.3%	-8.7%
ANZ Banking Group Limited			27.76	0.88	-0.5%	2.7%	-0.3%	-0.6%	14.6%	2.8%	-13.0%	-0.4%	28.7%
BHP Billiton Limited			24.55	0.96	-1.2%	5.4%	8.4%	37.5%	20.0%	10.6%	-34.9%	-22.7%	2.4%
Bougainville Copper Limited			0.15	0.06	0.0%	0.0%	0.0%	-37.5%	-45.2%	44.2%	-5.9%	-46.3%	-7.8%
Bank of Queensland			10.79	0.19	0.1%	6.6%	-2.4%	-22.6%	7.4%	-14.2%	14.4%	0.2%	65.4%
Brambles Limited			11.73	0.46	0.0%	5.4%	-3.0%	1.4%	-3.3%	2.2%	8.8%	16.2%	21.8%
Commonwealth Bank of Australia			76.43	0.43	0.3%	6.0%	2.5%	-10.6%	-2.6%	-0.7%	-0.1%	10.1%	25.1%
Coca Cola Amatil			9.26	0.56	-0.8%	-2.2%	-7.2%	-0.4%	24.5%	-0.9%	-0.2%	-22.5%	-10.6%
CSL			101.45	0.18	-2.4%	2.6%	-3.6%	-3.7%	-4.6%	10.6%	21.5%	25.7%	27.9%
Fortescue Mining			6.09	0.96	-2.6%	9.3%	18.7%	225.7%	41.4%	37.3%	-31.8%	-52.9%	25.2%
Highlands Pacific Limited			0.07	0.47	-1.5%	8.3%	10.2%	-3.0%	13.2%	-11.7%	17.5%	-6.6%	-59.3%
Horizon Oil Ltd			0.04	0.00	0.0%	-2.6%	-2.0%	-53.8%	-17.0%	-36.5%	-50.0%	-47.5%	-29.1%
Kina Securities Ltd			1.01	0.47	-2.9%	1.0%	1.0%	-7.3%	-5.8%	11.2%	9.0%	**from IPO price A\$1.00	
Macquarie Group Ltd			82.27	0.94	0.6%	6.3%	0.4%	-0.6%	18.9%	4.3%	42.0%	5.4%	55.8%
Mirvac Group			1.98	0.33	-0.3%	-4.1%	-7.3%	-0.3%	10.9%	4.4%	11.2%	6.0%	13.1%
National Australia Bank			28.13	0.64	0.1%	7.1%	1.6%	-6.9%	9.6%	-3.1%	-10.1%	-3.5%	39.3%
Newcrest Mining Limited			20.99	0.64	0.5%	-9.1%	-1.9%	61.8%	-3.5%	35.6%	19.1%	39.6%	-64.8%
Oil Search Limited			6.57	0.35	2.2%	-2.7%	-8.4%	-1.9%	6.3%	-1.3%	-15.1%	-2.7%	15.7%
Origin Energy Ltd			5.50	0.80	0.7%	0.9%	-3.0%	17.0%	-5.7%	13.0%	-59.7%	-17.1%	21.1%
PanAust Ltd			1.84	1.00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.0%	-21.4%	-46.1%
Qbe Insurance Group Ltd			10.75	0.42	0.7%	9.5%	7.5%	-14.6%	-10.9%	-4.4%	12.3%	-2.6%	5.6%
Rio Tinto Limited			58.95	0.97	-0.8%	7.6%	16.5%	31.8%	13.4%	6.6%	-22.9%	-14.9%	3.3%
Santos Limited			4.00	0.62	4.7%	7.5%	9.3%	8.7%	-22.2%	15.1%	-55.4%	-43.6%	31.8%
Stockland			4.10	0.13	-1.2%	-6.2%	-9.9%	0.0%	1.1%	10.3%	-0.5%	14.1%	2.3%
Steamship Trading Company			22.50	0.94	0.0%	0.0%	0.0%	15.4%	-6.2%	1.4%	-39.1%	3.2%	17.0%
Suncorp Metway Limited			11.96	0.41	-1.0%	1.1%	-3.2%	-1.5%	-0.6%	2.3%	-13.7%	7.3%	28.8%
Sydney Airport			5.91	0.03	-1.5%	-5.1%	-7.4%	-6.9%	0.4%	3.7%	34.8%	23.9%	12.4%
Transurban Group			9.83	0.08	-0.2%	-4.1%	-7.1%	-6.1%	-5.2%	5.6%	22.0%	25.4%	12.3%
Telstra Corporation Limited			4.71	0.00	-1.5%	-3.9%	-6.4%	-16.0%	-6.8%	4.3%	-6.0%	13.7%	20.1%
Wesfarmers Ltd			40.50	0.39	-1.6%	-1.6%	-10.6%	-2.7%	10.0%	-3.3%	-0.3%	-5.3%	19.5%
Westpac Banking Corporation			30.96	0.52	0.2%	2.3%	1.9%	-7.7%	0.4%	-3.1%	1.2%	2.4%	24.3%
Woolworths Limited			23.36	0.60	0.5%	1.3%	-4.1%	-4.7%	11.4%	-5.5%	-20.1%	-9.4%	15.4%
Woodside Petroleum Limited			29.04	0.74	0.4%	1.6%	-0.7%	1.1%	6.6%	3.4%	-24.4%	-2.3%	14.8%
<b>International</b>													
		*as at 14-Nov-16											
iShare MSCI All Asia ex Japan	USD \$		56.14	0.63	1.6%	-5.4%	-6.3%	4.8%	10.6%	0.1%	-11.7%	0.6%	-0.3%
Blackrock Int Equity Fund*	AUD \$		13.62	0.16	-0.1%	2.7%	1.7%	-13.8%	-11.8%	3.2%	4.8%	14.2%	
Blackrock Australian Equity Fund*	AUD \$		1.51	0.31	-0.1%	2.2%	-0.2%	-6.7%	-1.4%	3.3%	-4.3%	1.9%	12.5%
Vanguard International Share*	AUD \$		1.83	0.39	-0.1%	2.7%	1.8%	-3.6%	0.3%	2.6%	5.5%	13.5%	46.1%
Vanguard FTSE World exUS	USD \$		43.68	0.59	0.8%	-2.1%	-2.8%	0.6%	6.0%	-0.7%	-7.4%	-7.6%	10.9%
Vanguard FTSE Europe	USD \$		46.36	0.36	0.7%	-1.2%	-2.6%	-7.1%	4.4%	-3.8%	-4.8%	-10.9%	20.4%
iShares Core MSCI Europe	USD \$		39.44	0.38	0.7%	-1.1%	-2.6%	-6.6%	4.8%	-3.9%	-3.4%		
iShares Asia 50	USD \$		47.08	0.68	1.3%	-4.7%	-5.1%	11.4%	12.2%	3.0%	-10.2%	-1.9%	-0.4%
iShares MSCI Japan	USD \$		49.64	0.99	0.2%	-0.3%	299.7%	309.6%	9.0%	0.8%	7.8%	-7.4%	24.5%