

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				Q4 2015	Q3 2015	2015	2014	2013
		18-Jan-16	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; reported Thursday/Friday	1.24%	0.00	-0.03%	-0.10%	-0.06%	0.0%	-0.4%	1.30%	1.94%	1.84%	
60 days		2.32%	0.17	0.00%	-0.02%	0.00%	0.1%	-0.4%	2.32%	2.85%	2.12%	
90 days		2.52%	0.14	0.00%	0.00%	0.00%	0.1%	-0.3%	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%	
Treasury Bills												
28 days		1.44%		0.00%			*historical data tba		1.44%			
63 days		2.48%	1.00	0.03%	0.03%	0.03%	*historical data tba		2.44%			
91 days		2.59%	0.86	0.00%	0.02%	-0.41%	0.1%	2.5%	2.58%	0.00%	0.00%	
182 days	Tbill auctions are irregular Wednesday reported Thursday/Friday	4.66%	0.94	0.00%	0.02%	0.01%	0.1%	0.1%	4.65%	4.65%	2.52%	
364 days		7.63%	1.00	0.02%	0.05%	0.03%	0.2%	0.2%	7.60%	7.42%	3.76%	
Government Inscribed Stock												
2017/2015	GIS auctions usually monthly reported Thursday/Friday	9.97%	1.00			0.00%	0.00%	0.2%	0.1%	9.97%	7.95%	4.52%
2020/2019		11.33%	1.00			0.00%	0.00%	0.5%	0.1%	11.33%	10.73%	8.01%
2024/2022/2023		11.16%	0.10			0.00%	0.00%	0.0%	0.0%	11.16%	11.89%	9.17%
2027/2029		12.00%	0.43			0.00%	0.00%	0.4%	0.0%	12.00%	12.63%	10.50%
2031		13.74%				0.00%	0.00%	0.0%	0.0%	13.74%	13.74%	0.00%
Kina Facility Rate												
6.25%												
Ten year Government Bond yields												
United States		2.03%	0.47	0.00%	-0.14%	-0.16%	-0.26%	0.3%	-0.3%	2.29%	2.19%	3.03%
United Kingdom		1.69%	0.42	0.03%	-0.09%	-0.12%	-0.30%	0.2%	-0.3%	1.99%	1.76%	3.03%
Australia		2.69%	0.49	0.00%	-0.06%	-0.06%	-0.19%	0.3%	-0.4%	2.88%	2.83%	4.24%
France		0.87%	0.54	0.00%	-0.05%	-0.02%	-0.12%	0.0%	-0.2%	0.99%	0.83%	2.43%
Japan		0.21%	0.04	-0.01%	-0.02%	-0.07%	-0.05%	-0.1%	-0.1%	0.27%	0.33%	0.74%
Australia RBA Cash Rate												
2.00%												
PNG CPI Index												
Latest 12 month % change												
5.8%												
Currencies												
Percentage changes												
PGK/USD		0.3315	0.00	0.0%	-0.7%	-0.9%	-0.3%	-4.6%	-4.4%	-14.3%	-2.4%	-17.8%
PGK/AUD		0.4830	0.46	0.0%	1.2%	3.8%	6.1%	-8.3%	4.9%	-3.8%	5.9%	-3.9%
PGK/GBP		0.2328	0.36	0.1%	1.4%	3.6%	3.8%	-2.6%	-0.7%	-10.0%	3.9%	-19.4%
PGK/NZD		0.5139	0.36	0.2%	1.0%	3.9%	5.8%	-10.8%	1.3%	-1.9%	2.1%	-17.0%
PGK/JPY		38.900	0.01	0.3%	-1.0%	-4.0%	-2.8%	-4.2%	-6.3%	-13.7%	10.9%	-0.2%
AUD/USD		0.6863	0.00	0.0%	-1.9%	-4.5%	-6.0%	4.0%	-8.9%	-10.9%	-7.8%	-14.5%
USD/JPY		117.330	0.04	0.3%	-0.4%	-3.2%	-2.6%	0.4%	-2.1%	0.6%	13.6%	21.4%
EUR/USD		1.0895	0.36	-0.2%	0.3%	-0.2%	-0.3%	-2.2%	0.3%	-10.1%	-11.6%	4.2%
GBP/USD		1.4241	0.00	-0.1%	-2.1%	-4.3%	-3.9%	-2.0%	-3.7%	-4.8%	-6.1%	2.0%
MYR/USD		0.2275		0.6%	0.2%	-2.3%	-2.4%	2.3%	-14.3%	-18.3%	-6.4%	-6.8%
Equity Indices												
Papua New Guinea												
Percentage changes												
KS Index		3,360.36	0.00	-0.4%	-0.5%	-3.8%	-1.7%	-4.5%	0.7%	-2.3%	-9.7%	-14.9%
KS Home Index		9,433.01	0.02	0.0%	-0.7%	-1.7%	-1.7%	-1.3%	-0.4%	0.5%	16.9%	-1.9%
Australia												
All Ordinaries		4,911.85	0.00	-0.7%	-1.6%	-4.8%	-8.1%	5.7%	-7.2%	-0.8%	0.7%	14.8%
S&P/ASX 100		4,033.20	0.00	-0.7%	-1.4%	-4.9%	-8.2%	5.0%	-8.1%	-2.6%	1.5%	16.3%
S&P/ASX 20		2,901.00	0.00	-0.7%	-1.2%	-5.1%	-8.8%	4.7%	-10.2%	-6.4%	0.6%	17.9%
S&P/ASX 50		4,899.70	0.00	-0.7%	-1.4%	-5.1%	-8.4%	4.6%	-8.9%	-3.9%	0.7%	16.8%
S&P/ASX Midcap 50		4,737.20	0.14	-1.0%	-1.6%	-3.4%	-7.2%	8.2%	-2.3%	7.6%	9.2%	12.6%
S&P/ASX Small Ordinaries		2,002.70	0.27	-0.4%	-2.4%	-4.7%	-7.9%	10.8%	-5.3%	6.4%	-6.8%	-3.8%
S&P/ASX 200		4,858.70	0.00	-0.7%	-1.5%	-4.9%	-8.3%	5.5%	-8.0%	-2.1%	1.1%	15.1%
S&P/ASX 300		4,818.13	0.00	-0.7%	-1.5%	-4.9%	-8.2%	5.5%	-7.9%	-1.9%	0.8%	14.7%
S&P/ASX 200 Energy		7,038.10	0.00	-3.4%	-7.0%	-6.9%	-12.1%	-1.2%	-25.9%	-31.0%	-14.8%	9.8%
S&P/ASX 200 Materials		6,139.90	0.00	-1.3%	-3.6%	-8.7%	-12.6%	-7.7%	-12.8%	-19.5%	-14.5%	-3.7%
S&P/ASX 200 Industrials		4,558.50	0.30	-0.3%	-1.1%	-4.3%	-6.2%	4.9%	2.4%	12.5%	8.9%	11.7%
S&P/ASX 200 Consumer Discretionary		1,850.00	0.45	-0.1%	-1.7%	-3.6%	-7.3%	13.0%	-0.9%	13.8%	-4.2%	36.3%
S&P/ASX 200 Consumer Staples		8,388.70	0.20	2.3%	0.7%	-0.9%	-4.5%	5.8%	-1.1%	-4.2%	-8.4%	12.9%
S&P/ASX 200 Healthcare		18,942.80	0.60	-1.3%	-1.3%	-2.2%	-4.4%	12.3%	-1.7%	13.4%	21.7%	23.5%
S&P/ASX 200 Financials		5,729.00	0.05	-1.0%	-1.2%	-5.6%	-9.0%	8.8%	-9.1%	0.7%	6.5%	23.6%
S&P/ASX 200 Information Technology		740.50	0.40	-1.5%	-3.6%	-5.6%	-8.5%	11.3%	-6.4%	3.4%	5.6%	24.3%
S&P/ASX 200 Telecommunication Services		1,940.10	0.17	0.8%	1.3%	-1.5%	-4.2%	0.6%	-7.4%	-2.9%	14.6%	21.8%
S&P/ASX 200 Utilities		6,646.00	0.48	-1.2%	-0.9%	-1.3%	-4.3%	7.1%	1.3%	17.4%	9.9%	2.3%
S&P/ASX 200 A-REIT		1,252.70	0.37	0.1%	0.3%	-3.0%	-3.0%	4.3%	0.2%	8.9%	20.4%	1.1%
S&P/ASX 200 Financial-x-A-REIT		6,496.90	0.04	-1.2%	-1.5%	-6.0%	-10.1%	9.7%	-10.7%	-0.8%	4.3%	28.1%
North American												
DJIA		15,988.08	0.12	0.0%	-2.5%	-7.3%	-9.2%	8.1%	-7.6%	-1.2%	7.5%	26.5%
S&P 500		1,880.33	0.05	0.0%	-2.3%	-7.0%	-8.9%	7.5%	-6.9%	0.2%	11.4%	29.6%
NASDAQ		4,488.42	0.00	0.0%	-3.2%	-9.7%	-11.4%	9.6%	-7.4%	7.0%	13.4%	38.3%
Toronto S&P/TSX		11,880.00	0.00	-1.4%	-3.1%	-8.3%	-9.0%	-1.4%	-8.7%	-10.5%	7.0%	9.6%
Europe												
FTSE		5,779.92	0.00	-0.4%	-1.6%	-4.2%	-7.9%	3.5%	-7.0%	-4.4%	-2.7%	14.4%
DAX		9,521.85	0.03	-0.2%	-3.1%	-9.3%	-11.4%	11.2%	-11.7%	9.6%	2.7%	25.5%
CAC 40		4,189.57	0.00	-0.5%	-2.9%	-8.2%	-10.4%	5.0%	-7.0%	9.5%	-0.5%	18.0%
Asia												
Nikkei		16,955.57	0.01	-1.1%	-4.2%	-10.4%	-10.9%	9.5%	-14.1%	9.1%	7.1%	57.8%
Hang Seng		19,237.45	0.00	-1.5%	-3.3%	-11.7%	-12.2%	5.1%	-20.6%	-7.2%	1.5%	2.6%
Shanghai		2,913.84	0.01	0.4%	-3.4%	-20.0%	-17.9%	16.3%	-28.6%	9.8%	54.2%	-7.6%
Sensex		24,188.37	0.00	-1.1%	-2.6%	-6.0%	-6.9%	-0.7%	-5.9%	-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

		18-Jan-16	52 wk	Movement for the period				Q4 2015	Q3 2015	2015	2014	2013	
				Day	Week	Month	YTD						
Indices													
MSCI AC Asia-ex-Japan*	USD	303.57	0.00	0.0%	-1.6%	-9.3%	-9.6%	3.5%	-17.0%	-9.4%	5.1%	2.7%	
MSCI ACWI-ex-Australia*	USD	166.03	0.00	0.0%	-2.3%	-7.4%	-9.2%	7.8%	-11.1%	-1.5%	4.7%	23.1%	
MSCI All Country World Index*	USD	168.08	0.00	0.0%	-2.3%	-7.4%	-9.3%	7.9%	-11.2%	-1.7%	4.4%	22.5%	
iShare Emerging Markets		28.45	0.00	0.0%	-3.5%	-12.2%	-11.9%	-1.5%	-17.3%	-17.8%	-6.0%	-5.8%	
VIX Volatility S&P500		27.02	0.52	0.0%	11.2%	44.5%	56.3%	-29.4%	34.4%	8.6%	16.0%	-23.9%	
Commodities													
Light Crude (WTI)	US\$/bbl	28.94	0.00	-1.6%	-7.0%	-16.7%	-21.1%	-18.7%	-24.2%	-31.2%	-45.9%	7.2%	
Brent Crude	US\$/bbl	28.74	0.00	-0.7%	-8.3%	-20.6%	-21.5%	-24.4%	-23.9%	-36.2%	-48.3%	-0.3%	
Gold	US\$/oz	1,088.90	0.17	-0.2%	-0.4%	1.0%	2.6%	-4.8%	-4.8%	-10.4%	-1.5%	-28.3%	
Silver	US\$/oz	13.94	0.07	0.3%	0.6%	-2.1%	0.1%	-4.1%	-6.8%	-10.7%	-19.5%	-35.9%	
Copper	US\$/lb	1.96	0.02	1.1%	-0.6%	-8.1%	-8.5%	-8.3%	-10.5%	-24.0%	-16.8%	-7.0%	
Malaysian Palm Oil* RM/tn		2,351	0.93	6.9%	5.0%	3.5%	1.8%	0.2%	3.7%	0.8%	-12.8%	13.3%	
LNG *Jap/Korea	US\$/mmBtu	7.40	0.49	0.0%	0.0%	0.0%	0.0%	-8.6%	6.6%	-26.4%	-49.2%	46.3%	
ICCO Cocoa	US\$/mt	2,905	0.32	0.0%	0.1%	-10.3%	-10.0%	3.7%	-4.9%	11.0%	7.4%	21.2%	
ICO Coffee	US\$/lb	115	0.04	0.0%	0.4%	-2.2%	-7.1%	1.9%	-7.1%	-25.8%	50.5%	-23.0%	
Equities													
Domestic													
	PGK K	Arbitrage	POMSox	Percentage changes									
Bank South Pacific			7.50	1.00	0.0%	1.4%	0.0%	0.0%	0.0%	0.7%	5.0%	-10.5%	-1.0%
Credit Corporation			2.00	0.00	0.0%	-11.1%	-10.7%	-11.1%	-6.3%	-4.0%	-13.5%	4.0%	13.6%
City Pharmacy			1.33	0.00	0.0%	0.0%	0.0%	0.0%	-5.0%	-4.8%	-7.6%	-26.5%	26.5%
Kina Petroleum Limited			0.40	0.00	0.0%	0.0%	0.0%	0.0%	-46.7%	0.0%	-46.7%	-21.1%	
Kina Asset Management Limited			0.85	0.00	0.0%	0.0%	0.0%	0.0%	-12.4%	-3.0%	-15.0%	-9.1%	22.2%
Kina Securities Limited	1.90		2.65		0.0%	0.0%	1.9%	0.0%	1.9%	25.0%	27.4%	**from IPO price K2.08	
Airlines PNG			0.33		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.7%	-2.8%
Steamship Trading Company	41.41		5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	12.44		14.05	0.01	-1.1%	-1.1%	-5.1%	-0.1%	-12.1%	0.0%	-12.1%	-8.7%	30.6%
Highlands Pacific Limited	0.12		0.20	0.55	0.0%	0.0%	0.0%	0.0%	-20.0%	56.3%	33.3%	-25.0%	-48.7%
Newcrest Mining Limited	26.63		25.00	0.17	0.0%	0.0%	-3.8%	-3.8%	4.0%	0.0%	8.3%	-20.0%	-40.0%
Australia													
AMP Limited			5.18	0.00	-1.3%	-2.8%	-6.3%	-11.1%	4.9%	-7.6%	6.0%	25.3%	-8.7%
ANZ Banking Group Limited			24.41	0.00	-2.0%	-2.9%	-8.9%	-12.6%	3.1%	-15.9%	-13.0%	-0.4%	28.7%
BHP Billiton Limited			14.63	0.00	-2.9%	-5.9%	-14.6%	-18.1%	-19.6%	-17.9%	-34.9%	-22.7%	2.4%
Bougainville Copper Limited			0.23	0.16	0.0%	0.0%	-6.2%	-6.2%	-14.3%	-12.5%	-5.9%	-46.3%	-7.8%
Bank of Queensland			12.92	0.47	-0.6%	0.5%	-4.3%	-7.3%	20.1%	-9.1%	14.4%	0.2%	65.4%
Brambles Limited			10.63	0.47	-0.2%	-1.8%	-3.4%	-8.1%	18.8%	-8.1%	8.8%	16.2%	21.8%
Commonwealth Bank of Australia			78.39	0.31	-0.6%	-0.3%	-4.3%	-8.3%	17.6%	-14.6%	-0.1%	10.1%	25.1%
Coca Cola Amatil			8.18	0.00	-1.1%	-9.1%	-10.1%	-12.0%	3.2%	-1.5%	-0.2%	-22.5%	-10.6%
CSL			102.69	0.84	-0.6%	-0.2%	-0.7%	-2.5%	18.1%	3.2%	21.5%	25.7%	27.9%
Fortescue Mining			1.56	0.03	1.3%	-5.2%	-12.1%	-16.8%	2.7%	-4.7%	-31.8%	-52.9%	25.2%
Highlands Pacific Limited			0.06	0.07	-6.3%	-11.9%	-16.9%	-11.9%	-20.2%	-16.0%	17.5%	-6.6%	-59.3%
Horizon Oil Ltd			0.08	0.11	-3.8%	-7.3%	-4.4%	-5.0%	-14.9%	6.8%	-50.0%	-47.5%	-29.1%
Kina Securities Ltd			0.92		-3.2%	-9.8%	-14.8%	-15.6%	-1.8%	11.0%	9.0%	**from IPO price AS1.00	
Macquarie Group Ltd			72.46	0.45	-1.4%	-2.5%	-7.3%	-12.5%	8.0%	-5.8%	42.0%	5.4%	55.8%
Mirvac Group			1.86	0.38	-0.3%	-1.6%	-6.8%	-6.3%	15.1%	-7.0%	11.2%	6.0%	13.1%
National Australia Bank			26.69	0.00	-1.2%	-2.7%	-7.4%	-11.6%	0.7%	-10.0%	-10.1%	-3.5%	39.3%
Newcrest Mining Limited			12.86	0.47	0.9%	-4.2%	1.7%	-0.8%	2.1%	-2.5%	19.1%	39.6%	-64.8%
Oil Search Limited			6.01	0.07	-5.1%	-7.5%	-1.5%	-10.3%	-6.6%	0.6%	-15.1%	-2.7%	15.7%
Origin Energy Ltd			3.82	0.00	-5.7%	-10.1%	-14.3%	-18.7%	-11.9%	-55.4%	-59.7%	-17.1%	21.1%
PanAust Ltd			1.84	0.98	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.0%	-21.4%	-46.1%
Qbe Insurance Group Ltd			10.66	0.04	-0.9%	-5.4%	-10.9%	-15.3%	-2.3%	-5.7%	12.3%	-2.6%	5.6%
Rio Tinto Limited			38.69	0.00	-2.1%	-4.5%	-9.8%	-13.5%	-8.0%	-9.6%	-22.9%	-14.9%	3.3%
Santos Limited			2.63	0.00	-8.4%	-18.1%	-26.9%	-28.5%	-7.5%	-49.2%	-55.4%	-43.6%	31.8%
Stockland			4.02	0.27	0.2%	0.2%	-3.8%	-2.0%	6.5%	-6.1%	-0.5%	14.1%	2.3%
Steamship Trading Company			20.00	0.28	0.0%	0.0%	2.6%	2.6%	8.3%	-35.7%	-39.1%	3.2%	17.0%
Suncorp Metway Limited			11.35	0.01	-0.8%	-1.4%	-2.4%	-6.5%	-0.4%	-9.2%	-13.7%	7.3%	28.8%
Sydney Airport			6.05	0.68	1.3%	0.2%	-3.2%	-4.7%	6.5%	19.7%	34.8%	23.9%	12.4%
Transurban Group			10.09	0.74	-0.4%	-0.1%	-2.7%	-3.6%	5.3%	6.9%	22.0%	25.4%	12.3%
Telstra Corporation Limited.			5.38	0.16	0.9%	1.3%	-1.1%	-4.1%	0.0%	-8.6%	-6.0%	13.7%	20.1%
Wesfarmers Ltd			40.12	0.32	2.0%	0.9%	0.2%	-3.6%	6.1%	0.5%	-0.3%	-5.3%	19.5%
Westpac Banking Corporation			30.77	0.15	-1.0%	0.7%	-4.6%	-8.3%	13.0%	-7.6%	1.2%	2.4%	24.3%
Woolworths Limited			23.65	0.10	4.4%	3.4%	0.3%	-3.5%	-1.4%	-7.9%	-20.1%	-9.4%	15.4%
Woodside Petroleum Limited			26.29	0.01	-2.6%	-4.8%	-3.1%	-8.5%	-0.7%	-15.5%	-24.4%	-2.3%	14.8%
International													
iShare MSCI All Asia ex Japan	USD \$	47.37	0.00	0.0%	-3.6%	-11.7%	-11.6%	1.5%	-16.3%	-11.7%	0.6%	-0.3%	
Blackrock Int Equity Fund*	AUD \$	15.31	0.14	-0.6%	-0.7%	-2.7%	-3.1%	3.8%	-7.1%	4.8%	14.2%		
Blackrock Australian Equity Fund*	AUD \$	1.47	0.00	0.0%	-0.3%	-5.5%	-9.0%	7.7%	-10.2%	-4.3%	1.9%	12.5%	
Vanguard International Share*	AUD \$	1.82	0.00	-0.6%	-1.2%	-3.1%	-4.1%	3.7%	-5.3%	5.5%	13.5%	46.1%	

*as at 15-Jan-16