

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 02-Feb-16	52 wk	Movement for the period				Q4 2015	Q3 2015	2015	2014	2013	
			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	1.22%	0.00	-0.01%	-0.08%	-0.08%	0.0%	-0.4%	1.30%	1.94%	1.84%	
60 days		2.32%	0.17	0.00%	0.00%	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%					1.44%			
63 days		2.56%	1.00	0.01%	0.12%				2.44%			
91 days		2.60%	0.87	0.01%	0.02%	-0.40%	0.1%	2.5%	2.58%	0.00%	0.00%	
182 days	Tbill auctions are irregular Wednesday reported Thursday/Friday	4.67%	1.00	0.00%	0.02%	0.02%	0.1%	0.1%	4.65%	4.65%	2.52%	
364 days		7.65%	1.00	0.01%	0.05%	0.05%	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%							6.25%	6.25%	6.25%	
Ten year Government Bond yields												
United States		1.84%	0.00	-0.10%	-0.15%	-0.39%	-0.45%	0.3%	-0.3%	2.29%	2.19%	3.03%
United Kingdom		1.54%	0.09	-0.08%	-0.15%	-0.33%	-0.45%	0.2%	-0.3%	1.99%	1.76%	3.03%
Australia		2.62%	0.40	0.00%	-0.07%	-0.19%	-0.26%	0.3%	-0.4%	2.88%	2.83%	4.24%
France		0.64%	0.31	-0.03%	-0.10%	-0.26%	-0.34%	0.0%	-0.2%	0.99%	0.83%	2.43%
Japan		0.09%	0.07	0.03%	-0.13%	-0.17%	-0.18%	-0.1%	-0.1%	0.27%	0.33%	0.74%
Australia RBA Cash Rate												
	Latest 12 month % change	2.00%		0.00%	0.00%	0.00%	0.00%	0.0%	-0.3%	2.00%	2.50%	2.50%
PNG CPI Index												
		5.8%						TBA	1.7%	6.6%	4.7%	
Currencies												
Percentage changes												
PGK/USD		0.3295	0.00	0.0%	-0.6%	-0.9%	-0.9%	-4.6%	-4.4%	-14.3%	-2.4%	-17.8%
PGK/AUD		0.4681	0.21	1.1%	-1.1%	0.8%	2.8%	-8.3%	4.9%	-3.8%	5.9%	-3.9%
PGK/GBP		0.2287	0.24	0.2%	-1.0%	0.9%	2.0%	-2.6%	-0.7%	-10.0%	3.9%	-19.4%
PGK/NZD		0.5058	0.27	0.5%	-0.8%	2.0%	4.2%	-10.8%	1.3%	-1.9%	2.1%	-17.0%
PGK/JPY		39.530	0.10	-0.9%	-0.7%	-0.2%	-1.3%	-4.2%	-6.3%	-13.7%	10.9%	-0.2%
AUD/USD		0.7039	0.14	-1.1%	0.5%	-1.7%	-3.6%	4.0%	-8.9%	-10.9%	-7.8%	-14.5%
USD/JPY		119.970	0.37	-0.8%	1.3%	0.8%	-0.4%	0.4%	-2.1%	0.6%	13.6%	21.4%
EUR/USD		1.0919	0.38	0.3%	0.5%	1.6%	-0.1%	-2.2%	0.3%	-10.1%	-11.6%	4.2%
GBP/USD		1.4410	0.15	-0.2%	0.4%	-1.8%	-2.8%	-2.0%	-3.7%	-4.8%	-6.1%	2.0%
MYR/USD		0.2371		-1.5%	1.0%	3.0%	1.8%	2.3%	-14.3%	-18.3%	-6.4%	-6.8%
Equity Indices												
Papua New Guinea												
Percentage changes												
KS Index		3,355.30	0.00	-0.7%	0.0%	-3.9%	-1.8%	-4.5%	0.7%	-2.3%	-9.7%	-14.9%
KS Home Index		9,326.62	0.00	0.0%	0.0%	-2.8%	-2.8%	-1.3%	-0.4%	0.5%	16.9%	-1.9%
Australia												
All Ordinaries		5,043.95	0.14	-1.0%	-0.3%	-3.7%	-5.6%	5.7%	-7.2%	-0.8%	0.7%	14.8%
S&P/ASX 100		4,143.60	0.13	-1.0%	-0.2%	-3.7%	-5.7%	5.0%	-8.1%	-2.6%	1.5%	16.3%
S&P/ASX 20		2,956.60	0.09	-0.9%	-0.5%	-4.9%	-7.1%	4.7%	-10.2%	-6.4%	0.6%	17.9%
S&P/ASX 50		5,025.30	0.12	-1.0%	-0.3%	-4.0%	-6.0%	4.6%	-8.9%	-3.9%	0.7%	16.8%
S&P/ASX Midcap 50		4,924.20	0.39	-1.3%	-0.1%	-1.8%	-3.6%	8.2%	-2.3%	7.6%	9.2%	12.6%
S&P/ASX Small Ordinaries		2,061.40	0.43	-0.8%	-0.2%	-3.8%	-5.2%	10.8%	-5.3%	6.4%	-6.8%	-3.8%
S&P/ASX 200		4,993.32	0.13	-1.0%	-0.3%	-3.7%	-5.7%	5.5%	-8.0%	-2.1%	1.1%	15.1%
S&P/ASX 300		4,950.81	0.13	-1.0%	-0.2%	-3.7%	-5.7%	5.5%	-7.9%	-1.9%	0.8%	14.7%
S&P/ASX 200 Energy		7,303.60	0.11	-3.2%	0.9%	-9.3%	-8.8%	-1.2%	-25.9%	-31.0%	-14.8%	9.8%
S&P/ASX 200 Materials		6,251.40	0.05	-2.2%	-2.0%	-9.3%	-11.0%	-7.7%	-12.8%	-19.5%	-14.5%	-3.7%
S&P/ASX 200 Industrials		4,750.00	0.55	-1.3%	0.4%	-0.4%	-2.3%	4.9%	2.4%	12.5%	8.9%	11.7%
S&P/ASX 200 Consumer Discretionary		1,957.80	0.80	-0.9%	0.4%	-0.8%	-1.9%	13.0%	-0.9%	13.8%	-4.2%	36.3%
S&P/ASX 200 Consumer Staples		8,805.90	0.39	-0.1%	0.4%	2.7%	0.2%	5.8%	-1.1%	-4.2%	-8.4%	12.9%
S&P/ASX 200 Healthcare		19,732.70	0.91	-0.7%	-0.2%	1.1%	-0.5%	12.3%	-1.7%	13.4%	21.7%	23.5%
S&P/ASX 200 Financials		5,808.90	0.11	-0.7%	-0.5%	-5.4%	-7.7%	8.8%	-9.1%	0.7%	6.5%	23.6%
S&P/ASX 200 Information Technology		781.00	0.62	1.4%	2.1%	-2.5%	-3.5%	11.3%	-6.4%	3.4%	5.6%	24.3%
S&P/ASX 200 Telecommunication Services		2,036.10	0.39	-1.0%	1.0%	3.3%	0.5%	0.6%	-7.4%	-2.9%	14.6%	21.8%
S&P/ASX 200 Utilities		6,999.60	0.93	-0.7%	0.3%	2.5%	0.8%	7.1%	1.3%	17.4%	9.9%	2.3%
S&P/ASX 200 A-REIT		1,314.90	0.84	-0.1%	2.0%	3.2%	1.8%	4.3%	0.2%	8.9%	20.4%	1.1%
S&P/ASX 200 Financial-x-A-REIT		6,542.00	0.08	-0.8%	-0.9%	-6.9%	-9.5%	9.7%	-10.7%	-0.8%	4.3%	28.1%
North American												
DJIA		16,153.54	0.18	-1.8%	-0.1%	-5.9%	-8.2%	8.1%	-7.6%	-1.2%	7.5%	26.5%
S&P 500		1,903.03	0.16	-1.9%	0.0%	-5.6%	-7.8%	7.5%	-6.9%	0.2%	11.4%	29.6%
NASDAQ		4,516.95	0.06	-2.2%	-1.1%	-7.7%	-10.8%	9.6%	-7.4%	7.0%	13.4%	38.3%
Toronto S&P/TSX		12,410.00	0.16	-1.4%	0.9%	-3.4%	-4.9%	-1.4%	-8.7%	-10.5%	7.0%	9.6%
Europe												
FTSE		5,922.01	0.17	-2.3%	0.2%	-3.5%	-5.6%	3.5%	-7.0%	-4.4%	-2.7%	14.4%
DAX		9,581.04	0.06	-1.8%	-2.5%	-7.1%	-10.8%	11.2%	-11.7%	9.6%	2.7%	25.5%
CAC 40		4,283.99	0.14	-2.5%	-1.7%	-5.6%	-8.4%	5.0%	-7.0%	9.5%	-0.5%	18.0%
Asia												
Nikkei		17,750.68	0.36	-0.6%	6.2%	-3.4%	-6.7%	9.5%	-14.1%	9.1%	7.1%	57.8%
Hang Seng		19,446.84	0.09	-0.8%	3.1%	-8.2%	-11.2%	5.1%	-20.6%	-7.2%	1.5%	2.6%
Shanghai		2,749.57	0.04	2.3%	0.0%	-16.4%	-22.6%	16.3%	-28.6%	9.8%	54.2%	-7.6%
Sensex		24,539.00	0.10	-1.2%	0.2%	-4.1%	-5.5%	-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

03-Feb-16
Reporting closing prices for prior day

		02-Feb-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	307.48	0.11	-1.2%	2.5%	-5.8%	-8.5%	3.5%	-17.0%	-9.4%	5.1%	2.7%	
MSCI ACWI-ex-Australia*	USD	168.19	0.15	-1.8%	0.5%	-5.5%	-8.1%	7.8%	-11.1%	-1.5%	4.7%	23.1%	
MSCI All Country World Index*	USD	170.38	0.15	-1.8%	0.5%	-5.5%	-8.1%	7.9%	-11.2%	-1.7%	4.4%	22.5%	
iShare Emerging Markets		29.30	0.07	-3.2%	0.2%	-6.6%	-9.3%	-1.5%	-17.3%	-17.8%	-6.0%	-5.8%	
VIX Volatility S&P500		21.98	0.35	10.0%	-2.3%	13.7%	27.1%	-29.4%	34.4%	8.6%	16.0%	-23.9%	
Commodities													
Light Crude (WTI)	US\$/bbl	29.88	0.10	-4.6%	-5.0%	-17.3%	-18.5%	-18.7%	-24.2%	-31.2%	-45.9%	7.2%	
Brent Crude	US\$/bbl	32.54	0.12	-4.6%	2.3%	-11.1%	-11.1%	-24.4%	-23.9%	-36.2%	-48.3%	-0.3%	
Gold	US\$/oz	1,127.20	0.43	-0.1%	0.6%	4.7%	6.2%	-4.8%	-4.8%	-10.4%	-1.5%	-28.3%	
Silver	US\$/oz	14.29	0.16	-0.4%	-1.9%	2.3%	2.6%	-4.1%	-6.8%	-10.7%	-19.5%	-35.9%	
Copper	US\$/lb	2.06	0.11	-0.3%	0.9%	-1.9%	-4.2%	-8.3%	-10.5%	-24.0%	-16.8%	-7.0%	
Malaysian Palm Oil* RM/tn		2,432	1.00	3.5%	1.9%	6.9%	5.3%	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	2,761	0.09	-3.7%	-2.4%	-9.7%	-14.5%	3.7%	-4.9%	11.0%	7.4%	21.2%	
ICO Coffee	US\$/lb	120	0.16	1.8%	2.7%	-2.6%	-3.1%	1.9%	-7.1%	-25.8%	50.5%	-23.0%	
Equities													
Domestic													
	PGK K	Arbitrage	Percentage changes										
POMSox													
Bank South Pacific			7.48	0.94	0.0%	0.0%	-0.3%	-0.3%	0.0%	0.7%	5.0%	-10.5%	-1.0%
Credit Corporation			2.05	0.07	0.0%	0.0%	-8.9%	-8.9%	-6.3%	-4.0%	-13.5%	4.0%	13.6%
City Pharmacy			1.31	0.00	0.0%	0.0%	-1.5%	-1.5%	-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	1.92		2.40		0.0%	-2.0%	-9.4%	-9.4%	1.9%	25.0%	27.4%	**from IPO price K2.08	
Airlines PNG			0.15	0.00	0.0%	0.0%	-54.5%	-54.5%	0.0%	0.0%	0.0%	-5.7%	-2.8%
Steamship Trading Company	42.73		5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Oil Search Limited	13.61		14.06	0.02	-1.7%	0.1%	-5.0%	0.0%	-12.1%	0.0%	-12.1%	-8.7%	30.6%
Highlands Pacific Limited	0.11		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	28.50		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			5.37	0.12	-1.3%	-0.4%	-5.3%	-7.9%	4.9%	-7.6%	6.0%	25.3%	-8.7%
ANZ Banking Group Limited			24.40	0.09	-0.8%	1.0%	-9.9%	-12.6%	3.1%	-15.9%	-13.0%	-0.4%	28.7%
BHP Billiton Limited			14.92	0.04	-2.2%	-2.4%	-15.1%	-16.5%	-19.6%	-17.9%	-34.9%	-22.7%	2.4%
Bougainville Copper Limited			0.20	0.06	5.3%	0.0%	-16.7%	-16.7%	-14.3%	-12.5%	-5.9%	-46.3%	-7.8%
Bank of Queensland			13.00	0.50	-2.3%	-0.6%	-4.8%	-6.7%	20.1%	-9.1%	14.4%	0.2%	65.4%
Brambles Limited			10.99	0.62	-2.7%	-1.1%	-3.3%	-5.0%	18.8%	-8.1%	8.8%	16.2%	21.8%
Commonwealth Bank of Australia			78.02	0.30	-0.3%	-1.2%	-6.1%	-8.8%	17.6%	-14.6%	-0.1%	10.1%	25.1%
Coca Cola Amatil			8.47	0.16	1.1%	2.3%	-7.4%	-8.9%	3.2%	-1.5%	-0.2%	-22.5%	-10.6%
CSL			107.49	0.98	-0.5%	-0.1%	2.9%	2.1%	18.1%	3.2%	21.5%	25.7%	27.9%
Fortescue Mining			1.59	0.12	-5.1%	4.6%	-16.1%	-15.0%	2.7%	-4.7%	-31.8%	-52.9%	25.2%
Highlands Pacific Limited			0.05	0.00	-1.9%	-3.6%	-20.9%	-20.9%	-20.2%	-16.0%	17.5%	-6.6%	-59.3%
Horizon Oil Ltd			0.07	0.08	4.2%	-2.6%	-14.9%	-7.5%	-14.9%	6.8%	-50.0%	-47.5%	-29.1%
Kina Securities Ltd			0.90		0.0%	0.0%	-23.7%	-17.4%	-1.8%	11.0%	9.0%	**from IPO price AS1.00	
Macquarie Group Ltd			70.55	0.14	-2.1%	-6.4%	-11.8%	-14.8%	8.0%	-5.8%	42.0%	5.4%	55.8%
Mirvac Group			1.92	0.51	0.5%	2.9%	-3.0%	-3.0%	15.1%	-7.0%	11.2%	6.0%	13.1%
National Australia Bank			27.91	0.09	0.3%	0.5%	-5.1%	-7.6%	0.7%	-10.0%	-10.1%	-3.5%	39.3%
Newcrest Mining Limited			13.34	0.57	-0.4%	1.8%	0.2%	2.9%	2.1%	-2.5%	19.1%	39.6%	-64.8%
Oil Search Limited			6.37	0.26	-2.7%	1.4%	-3.5%	-4.9%	-6.6%	0.6%	-15.1%	-2.7%	15.7%
Origin Energy Ltd			4.01	0.06	-4.8%	-1.0%	-17.0%	-14.7%	-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			10.82	0.09	-0.2%	0.3%	-10.6%	-14.1%	-2.3%	-5.7%	12.3%	-2.6%	5.6%
Rio Tinto Limited			37.54	0.00	-3.7%	-4.1%	-14.8%	-16.0%	-8.0%	-9.6%	-22.9%	-14.9%	3.3%
Santos Limited			2.92	0.07	-4.3%	-1.4%	-21.9%	-20.7%	-7.5%	-49.2%	-55.4%	-43.6%	31.8%
Stockland			4.13	0.37	-0.7%	1.2%	1.7%	0.7%	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			11.65	0.12	-1.4%	0.9%	-2.3%	-4.0%	-0.4%	-9.2%	-13.7%	7.3%	28.8%
Sydney Airport			6.59	0.95	-1.3%	0.5%	7.5%	3.8%	6.5%	19.7%	34.8%	23.9%	12.4%
Transurban Group			10.87	0.96	-0.8%	1.2%	5.3%	3.8%	5.3%	6.9%	22.0%	25.4%	12.3%
Telstra Corporation Limited.			5.61	0.32	-1.1%	0.5%	2.7%	0.0%	0.0%	-8.6%	-6.0%	13.7%	20.1%
Wesfarmers Ltd			42.82	0.60	0.4%	1.7%	4.8%	2.9%	6.1%	0.5%	-0.3%	-5.3%	19.5%
Westpac Banking Corporation			30.30	0.11	-1.1%	-2.0%	-7.3%	-9.7%	13.0%	-7.6%	1.2%	2.4%	24.3%
Woolworths Limited			24.15	0.14	-1.1%	-0.6%	2.0%	-1.4%	-1.4%	-7.9%	-20.1%	-9.4%	15.4%
Woodside Petroleum Limited			27.00	0.17	-3.3%	2.2%	-6.1%	-6.0%	-0.7%	-15.5%	-24.4%	-2.3%	14.8%
International													
iShare MSCI All Asia ex Japan	USD \$	48.08	0.04	-2.5%	-0.8%	-7.5%	-10.2%	1.5%	-16.3%	-11.7%	0.6%	-0.3%	
Blackrock Int Equity Fund*	AUD \$	15.29	0.18	0.0%	1.3%	-3.3%	-3.2%	3.8%	-7.1%	4.8%	14.2%		
Blackrock Australian Equity Fund*	AUD \$	1.51	0.15	0.7%	0.7%	3.5%	-6.6%	7.7%	-10.2%	-4.3%	1.9%	12.5%	
Vanguard International Share*	AUD \$	1.82	0.20	0.1%	1.3%	-2.7%	-4.1%	3.7%	-5.3%	5.5%	13.5%	46.1%	

*as at 01-Feb-16