



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

06-Dec-17

Reporting closing prices for prior day

		Closing prices	52	Movement for the period					Q3 2017	Q2 2017	2016	2015	2014
		05-Dec-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;	1.41%	1.00		0.01%	0.01%	0.23%	0.09%	0.08%		1.18%	1.30%	1.94%
60 days	reported Thursday/Friday	2.35%	1.00		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%	0.04%	0.00%	-0.03%		1.22%	1.44%	1.44%
63 days		2.40%	0.00		0.00%	0.00%	0.00%	0.02%	-0.02%		2.40%	2.44%	2.44%
91 days		2.45%	0.00		0.00%	0.00%	-0.16%	-0.02%	-0.04%		2.61%	2.58%	0.00%
182 days	Tbill auctions are irregular Wednes	4.73%	0.50		0.00%	0.00%	0.01%	-0.01%	0.01%		4.72%	4.65%	4.65%
273 days		6.76%	1.00		0.00%	0.00%	0.17%	0.06%			*first issued in May'17		
364 days	reported Thursday/Friday	8.03%	1.00		0.00%	0.02%	0.26%	0.12%	0.12%		7.77%	7.60%	7.42%
Government Inscribed Stock													
GIS 3Y	GIS auctions usually monthly	9.48%	0.95			0.00%	0.38%	0.09%	0.32%		9.10%	9.97%	7.95%
GIS 5Y	reported Thursday/Friday	10.53%	0.30			0.00%	-0.07%	-0.01%	-0.05%		10.60%	11.33%	10.73%
GIS 10Y		11.53%	0.96			-0.01%	0.26%	0.01%	0.03%		11.27%	11.16%	11.89%
GIS 15Y		12.77%	0.86			0.01%	0.24%	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		2.35%	0.53		-0.02%	0.02%	0.04%	-0.09%	0.03%	-0.08%	2.44%	2.29%	2.19%
United Kingdom		1.26%	0.56		-0.03%	0.00%	0.03%	0.02%	0.11%	0.12%	1.24%	1.99%	1.76%
Australia		2.60%	0.39		0.06%	0.11%	0.02%	-0.17%	0.24%	-0.10%	2.77%	2.88%	2.83%
France		0.62%	0.07		-0.03%	-0.05%	-0.07%	-0.06%	-0.07%	-0.16%	0.69%	0.99%	0.83%
Japan		0.05%	0.44		0.01%	0.01%	0.01%	0.00%	-0.02%	0.02%	0.05%	0.27%	0.33%
Australia		1.50%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.50%	2.00%	2.50%
PNG CPI Index		5.1%							1.0%	1.20%	6.6%	6.4%	6.6%
Currencies													
		Percentage changes											
PGK/USD		0.3115	0.00		0.0%	0.0%	0.0%	-1.1%	-0.20%	0.0%	-5.3%	-14.3%	-2.4%
PGK/AUD		0.4061	0.39		-1.0%	-0.7%	0.1%	-6.7%	-1.02%	-0.6%	-4.4%	-3.8%	5.9%
PGK/GBP		0.2305	0.02		-0.4%	-1.4%	-2.6%	-10.1%	-0.87%	-4.1%	14.3%	-10.0%	3.9%
PGK/NZD		0.4504	0.78		-1.0%	0.3%	0.2%	-0.4%	0.44%	-4.6%	-6.8%	-1.9%	2.1%
PGK/JPY		34.970	0.45		-0.5%	0.9%	-1.5%	-4.8%	1.00%	0.1%	-8.2%	-13.7%	10.9%
AUD/USD		0.7648	0.50		0.7%	0.4%	-0.4%	5.7%	1.47%	0.6%	-0.9%	-10.9%	-7.8%
USD/JPY		112.600	0.47		-0.2%	1.2%	-1.2%	-3.5%	73.00%	0.1%	-3.1%	0.6%	13.6%
EUR/USD		1.1868	0.87		0.0%	-0.3%	2.2%	12.6%	3.39%	7.1%	-3.6%	-10.1%	-11.6%
GBP/USD		1.3472	0.92		0.1%	1.1%	2.3%	9.6%	4.02%	4.2%	-17.1%	-4.8%	-6.1%
MYR/USD		0.2466	1.00		0.5%	1.5%	4.3%	10.7%	0.36%	3.1%	-4.3%	-18.3%	-6.4%
Equity Indices													
Papua New Guinea													
		Percentage changes											
KS Index		5,451.87	0.84		0.0%	3.1%	2.9%	13.3%	8.2%	-12.1%	40.8%	-2.3%	-9.7%
KS Home Index		11,015.87	0.72		0.0%	0.4%	-0.3%	3.6%	0.3%	0.3%	10.7%	0.5%	16.9%
Australia													
All Ordinaries		6,057.31	0.88		-0.2%	-0.2%	-0.5%	5.9%	-0.3%	-2.4%	7.0%	-0.8%	0.7%
S&P/ASX 100		4,917.90	0.83		-0.2%	-0.2%	-0.8%	4.7%	-1.0%	-2.6%	6.8%	-2.6%	1.5%
S&P/ASX 20		3,291.40	0.42		-0.4%	-0.5%	-1.8%	0.0%	-1.2%	-5.1%	3.5%	-6.4%	0.6%
S&P/ASX 50		5,844.70	0.72		-0.3%	-0.3%	-1.1%	3.2%	-0.8%	-3.5%	5.9%	-3.9%	0.7%
S&P/ASX Midcap 50		6,688.40	0.99		0.1%	0.1%	1.1%	15.3%	-2.0%	3.8%	13.5%	7.6%	9.2%
S&P/ASX Small Ordinaries		2,674.40	0.94		-0.6%	-0.3%	0.3%	12.3%	3.2%	-0.8%	9.5%	6.4%	-6.8%
S&P/ASX 200		5,971.82	0.85		-0.2%	-0.2%	-0.7%	5.4%	-0.7%	-2.4%	7.0%	-2.1%	1.1%
S&P/ASX 300		5,925.21	0.85		-0.2%	-0.2%	-0.7%	5.5%	-0.6%	-2.4%	7.0%	-1.9%	0.8%
S&P/ASX 200 Energy		10,436.20	0.99		-0.2%	1.9%	-0.1%	15.4%	6.2%	-5.7%	12.9%	-31.0%	-14.8%
S&P/ASX 200 Materials		11,017.40	0.89		-0.5%	0.2%	-1.8%	12.7%	4.8%	0.1%	39.1%	-19.5%	-14.5%
S&P/ASX 200 Industrials		6,012.50	0.93		-0.3%	-1.1%	-0.6%	16.1%	-0.8%	7.9%	6.5%	12.5%	8.9%
S&P/ASX 200 Consumer Discretionary		2,285.50	0.92		1.1%	0.2%	0.4%	6.3%	-3.8%	1.8%	7.8%	13.8%	-4.2%
S&P/ASX 200 Consumer Staples		10,089.60	0.98		-0.3%	0.9%	2.3%	13.8%	2.2%	-5.6%	0.9%	-4.2%	-8.4%
S&P/ASX 200 Healthcare		24,786.80	0.96		-0.5%	-1.0%	0.5%	25.3%	-6.1%	7.1%	-0.2%	13.4%	21.7%
S&P/ASX 200 Financials		6,440.40	0.29		-0.5%	-1.2%	-2.6%	-1.8%	-1.0%	-6.0%	4.2%	0.7%	6.5%
S&P/ASX 200 Information Technology		983.60	0.89		-0.9%	-1.9%	1.8%	19.5%	0.3%	4.5%	1.7%	3.4%	5.6%
S&P/ASX 200 Telecommunication Services		1,296.00	0.15		2.6%	5.5%	3.9%	-27.3%	-18.6%	-8.4%	-12.0%	-2.9%	14.6%
S&P/ASX 200 Utilities		8,795.50	0.75		0.8%	2.5%	1.1%	11.4%	-7.2%	0.4%	13.7%	17.4%	9.9%
S&P/ASX 200 A-REIT		1,411.60	0.78		-0.4%	-0.1%	3.0%	1.2%	0.8%	-4.9%	8.1%	8.9%	20.4%
S&P/ASX 200 Financial-x-A-REIT		7,183.20	0.29		-0.5%	-1.2%	-2.6%	-1.8%	-1.0%	-6.0%	1.2%	-0.8%	4.3%
North American													
DJIA		24,180.64	0.98		-0.5%	1.4%	2.6%	22.4%	4.9%	3.3%	12.3%	-1.2%	7.5%
S&P 500		2,629.57	0.96		-0.4%	0.1%	1.5%	17.5%	4.0%	2.6%	8.5%	0.2%	11.4%
NASDAQ		6,762.21	0.90		-0.2%	-2.2%	-0.1%	25.6%	5.8%	3.9%	6.3%	7.0%	13.4%
Toronto S&P/TSX		15,900.00	0.83		-0.5%	-0.7%	-1.2%	4.4%	3.1%	-2.4%	16.7%	-10.5%	7.0%
Europe													
FTSE		7,327.50	0.62		-0.2%	-1.8%	-2.5%	2.6%	0.8%	-0.1%	13.8%	-4.4%	-2.7%
DAX		13,048.54	0.81		-0.1%	-0.1%	-2.5%	13.7%	4.1%	0.1%	6.9%	9.6%	2.7%
CAC 40		5,375.53	0.81		-0.3%	-0.3%	-1.9%	10.6%	4.1%	0.0%	4.0%	9.5%	-0.5%
Asia													
Nikkei		22,622.38	0.93		-0.4%	0.6%	-1.4%	18.4%	1.6%	5.9%	0.4%	9.1%	7.1%
Hang Seng		28,842.80	0.86		-1.0%	-2.8%	-0.5%	31.1%	6.9%	6.9%	0.4%	-7.2%	1.5%
Shanghai		3,303.68	0.64		-0.2%	-0.9%	-3.2%	6.4%	4.9%	-0.9%	-12.6%	9.8%	54.2%
Sensex		32,802.44	0.88		-0.2%	-2.4%	-1.7%	23.2%	1.2%	4.4%	2.5%	-1.7%	24.9%



Shading Key:

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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

06-Dec-17

Reporting closing prices for prior day

			05-Dec-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		487.63	0.88	-0.2%	-2.5%	-1.7%	37.3%	6.6%	8.3%	5.7%	-9.4%	5.1%
MSCI ACWI-ex-Australia*	USD		238.47	1.00	0.1%	0.4%	1.1%	21.8%	5.2%	4.4%	7.0%	-1.5%	4.7%
MSCI All Country World Index*	USD		240.80	0.98	-0.2%	0.1%	0.7%	21.3%	5.2%	4.3%	7.1%	-1.7%	4.4%
MSCI ACWI Minimum Volatility	USD		1,851.71	0.98	-0.3%	0.5%	1.3%	14.4%	2.2%	2.9%	5.2%	0.6%	8.6%
MSCI World Net Local			4,400.15	0.99	-0.2%	0.6%	0.4%	16.6%	3.9%	2.7%	9.0%	2.1%	9.8%
iShare Emerging Markets			45.90	0.86	-0.1%	-3.1%	-1.4%	31.1%	8.3%	5.1%	8.4%	-17.8%	-6.0%
VIX Volatility S&P500			11.33	0.32	-3.0%	13.0%	14.6%	-19.3%	-14.9%	-9.6%	-18.8%	8.6%	16.0%
Commodities													
Light Crude (WTI)	US\$/bbl		57.62	0.92	0.3%	-0.2%	0.7%	7.3%	12.2%	-9.0%	46.5%	-31.2%	-45.9%
Brent Crude	US\$/bbl		62.67	0.92	0.4%	-1.1%	-1.6%	10.3%	20.1%	-9.3%	55.3%	-36.2%	-48.3%
Gold	US\$/oz		1,264.90	0.61	-1.1%	-2.5%	-0.9%	9.8%	3.4%	-0.7%	8.5%	-10.4%	-1.5%
Silver	US\$/oz		16.07	0.21	-1.7%	-5.0%	-5.1%	0.5%	0.3%	-8.9%	14.8%	-10.7%	-19.5%
Copper	US\$/lb		2.95	0.61	-4.6%	-4.8%	-4.6%	17.6%	9.0%	2.2%	16.8%	-24.0%	-16.8%
Iron Ore	US\$/mt		68.77	0.36	0.0%	4.2%	13.7%	-12.6%	14.0%	-30.0%	81.3%	-37.4%	-48.1%
Malaysian Palm Oil* RM/tn			2,456	0.00	-1.0%	-0.6%	-11.0%	-23.7%	4.7%	-8.4%	39.3%	0.8%	-12.8%
LNG *Jap/Korea	US\$/mmBtu		9.84	1.00	0.1%	0.4%	7.8%	25.3%	49.0%	-30.2%	14.5%	-31.8%	
ICCO Cocoa	US\$/mt		1,929	0.28	-3.6%	-5.8%	-10.8%	-9.3%	7.4%	-9.2%	-34.2%	11.0%	7.4%
ICO Coffee	US\$/lb		126	0.30	-0.6%	-1.2%	1.0%	-8.1%	3.2%	-10.9%	10.8%	-25.8%	50.5%
Equities													
Domestic		PGK K	Arbitrage	POMSox	Percentage changes								
Bank South Pacific			9.60	1.00	0.0%	1.1%	0.9%	6.7%	0.6%	1.5%	20.0%	5.0%	-10.5%
Credit Corporation			1.69	0.00	0.0%	-5.1%	-5.1%	-10.1%	0.0%	-8.7%	-16.4%	-13.5%	4.0%
City Pharmacy			0.75	0.00	0.0%	0.0%	-23.5%	-25.0%	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			0.95	0.33	0.0%	0.0%	0.0%	-2.1%	-2.1%	-1.0%	14.1%	-15.0%	-9.1%
Kina Securities Limited	1.80		2.50	0.00	0.0%	-3.8%	-3.8%	-7.4%	1.2%	-1.2%	1.9%	27.4%	**from IPO pric
Airlines PNG			0.12	0.63	0.0%	0.0%	0.0%	-20.0%	-20.0%	0.0%	-54.5%	0.0%	-5.7%
Steamship Trading Company	45.43		5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	17.85		17.84	0.42	-0.1%	-0.1%	-0.3%	1.9%	-1.9%	-2.8%	24.5%	-12.1%	-8.7%
Highlands Pacific Limited	0.23		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	57.28		57.00	0.92	0.0%	5.6%	5.6%	23.9%	17.4%	-20.7%	76.9%	8.3%	-20.0%
Australia													
AMP Limited			5.17	0.58	0.4%	0.0%	1.4%	2.6%	-6.9%	0.2%	-13.6%	6.0%	25.3%
ANZ Banking Group Limited			28.05	0.12	-1.0%	-2.0%	-6.6%	-7.8%	3.1%	-9.7%	8.9%	-13.0%	-0.4%
BHP Billiton Limited			27.75	0.85	-0.9%	1.4%	-3.5%	10.7%	10.7%	-3.2%	40.3%	-34.9%	-22.7%
Bougainville Copper Limited			0.29	0.57	9.4%	-3.3%	1.8%	45.0%	-6.7%	66.7%	-16.7%	-5.9%	-46.3%
Bank of Queensland			12.81	0.75	-0.1%	-0.1%	3.1%	7.9%	13.4%	-5.8%	-14.8%	14.4%	0.2%
Brambles Limited			10.35	0.38	1.2%	1.6%	8.2%	-16.5%	-7.5%	4.1%	7.2%	8.8%	16.2%
Commonwealth Bank of Australia			78.74	0.38	-0.2%	-2.0%	0.7%	-4.5%	-9.1%	-3.6%	-3.6%	-0.1%	10.1%
Coca Cola Amatil			8.23	0.20	1.4%	6.7%	1.4%	-18.7%	-16.3%	-14.7%	8.8%	-0.2%	-22.5%
CSL			144.37	0.94	-0.6%	-1.9%	-0.2%	43.8%	-2.9%	10.1%	-4.7%	21.5%	25.7%
Fortescue Mining			4.65	0.05	0.6%	2.0%	-7.6%	-21.1%	-1.5%	-16.2%	215.0%	-31.8%	-52.9%
Highlands Pacific Limited			0.09	0.65	-1.1%	10.6%	-14.5%	67.9%	10.5%	-16.2%	-16.4%	17.5%	-6.6%
Horizon Oil Ltd			0.09	0.94	-3.1%	8.1%	22.4%	66.1%	35.7%	-27.6%	-30.0%	-50.0%	-47.5%
Kina Securities Ltd			0.73	0.08	0.0%	-1.4%	-2.7%	-30.5%	14.2%	-25.3%	-3.7%	9.0%	**from IPO pric
Kina Petroleum Ltd			0.09	0.44	0.0%	0.0%	2.2%	1.1%	10.0%	-27.3%	-35.7%	-86.0%	-25.0%
Macquarie Group Ltd			96.19	0.77	-1.3%	-3.3%	-1.8%	10.4%	2.7%	-1.9%	5.3%	42.0%	5.4%
Mirvac Group			2.40	0.74	-0.4%	-1.6%	-2.0%	12.7%	7.5%	-2.7%	7.6%	11.2%	6.0%
National Australia Bank			29.36	0.06	-0.4%	-0.1%	-7.4%	-4.3%	6.5%	-11.2%	1.6%	-10.1%	-3.5%
Newcrest Mining Limited			23.26	0.77	-0.3%	-2.5%	0.7%	14.9%	4.3%	-9.5%	56.1%	19.1%	39.6%
Oil Search Limited			7.25	0.72	0.8%	2.1%	-2.9%	1.1%	2.6%	-5.5%	7.0%	-15.1%	-2.7%
Origin Energy Ltd			9.12	1.00	0.2%	3.6%	8.1%	38.4%	9.0%	-2.7%	40.2%	-59.7%	-17.1%
Qbe Insurance Group Ltd			10.74	0.24	0.2%	0.0%	-2.7%	-13.5%	-15.2%	-8.4%	-1.4%	12.3%	-2.6%
Rio Tinto Limited			70.57	0.76	-2.1%	-1.4%	-5.6%	17.8%	5.2%	4.6%	34.0%	-22.9%	-14.9%
Santos Limited			5.03	0.95	-1.9%	-2.1%	5.7%	25.1%	32.7%	-20.3%	9.2%	-55.4%	-43.6%
Stockland			4.68	0.65	0.6%	0.2%	1.5%	2.2%	-1.8%	-5.6%	11.7%	-0.5%	14.1%
Steamship Trading Company			18.45	0.04	0.0%	0.0%	1.1%	-16.1%	-7.7%	3.4%	12.8%	-39.1%	3.2%
Suncorp Metway Limited			14.31	0.67	0.2%	0.4%	2.9%	5.8%	-11.9%	12.2%	11.4%	-13.7%	7.3%
Sydney Airport			7.43	0.86	0.1%	-2.1%	0.1%	24.0%	0.3%	4.7%	-5.7%	34.8%	23.9%
Transurban Group			12.49	0.85	-0.3%	-1.4%	-1.0%	21.0%	0.3%	1.5%	-1.4%	22.0%	25.4%
Telstra Corporation Limited.			3.61	0.12	3.1%	6.2%	4.0%	-29.2%	-18.8%	-7.7%	-9.1%	-6.0%	13.7%
Wesfarmers Ltd			43.76	0.68	-0.4%	0.5%	2.7%	3.8%	3.0%	-11.0%	1.3%	-0.3%	-5.3%
Westpac Banking Corporation			30.83	0.22	-1.1%	-1.3%	-5.5%	-5.4%	4.6%	-13.0%	-2.9%	1.2%	2.4%
Woolworths Limited			26.82	0.88	-0.1%	0.2%	2.7%	11.3%	-1.3%	-3.6%	-1.6%	-20.1%	-9.4%
Woodside Petroleum Limited			31.52	0.58	0.4%	1.6%	-5.3%	1.2%	-2.6%	-6.9%	8.5%	-24.4%	-2.3%
International													
		*as at 04-Dec-17											
iShare MSCI All Asia ex Japan	USD \$		75.00	0.86	0.0%	-3.2%	-1.6%	36.5%	7.1%	7.2%	2.6%	-11.7%	0.6%
Blackrock Int Equity Fund*	AUD \$		15.89	0.93	0.0%	1.1%	2.2%	7.6%	-3.9%	4.0%	-6.5%	4.8%	14.2%
Blackrock Australian Equity Fund*	AUD \$		1.65	0.86	-0.1%	0.0%	1.1%	2.6%	-4.8%	-1.0%	-0.5%	-4.3%	1.9%
Vanguard International Share*	AUD \$		2.13	0.96	-0.1%	1.0%	2.1%	7.2%	-2.7%	3.5%	4.4%	5.5%	13.5%
Vanguard FTSE World exUS	USD \$		53.70	0.92	-0.1%	-1.4%	-0.4%	21.5%	5.4%	4.6%	1.8%	-7.4%	-7.6%
Vanguard FTSE Europe	USD \$		58.05	0.93	-0.4%	-1.0%	-0.2%	21.1%	5.8%	6.9%	-3.9%	-4.8%	-10.9%
iShares Core MSCI Europe	USD \$		49.59	0.94	-0.3%	-1.0%	-0.1%	21.9%	6.0%	6.6%	-3.7%	-3.4%	
iShares Asia 50	USD \$		64.76	0.84	-0.4%	-3.9%	-1.5%	40.1%	7.3%	8.9%	9.4%	-10.2%	-1.9%
iShares MSCI Japan	USD \$		59.16	0.92	0.3%	-1.4%	-0.8%	21.1%	3.8%	4.2%	-1.3%	10.1%	-0.5%
Acadian Global Managed Volatitlity Equity Fund			1.77	0.96	0.2%	1.1%	2.3%	10.6%	1.5%	-0.2%	2.1%	1.3%	8.1%
Lazard Global Managed Volatility Fund - Australia*			1.15	1.00	0.3%	1.6%	2.6%	15.1%	1.8%	0.8%			

*Lazard performance since inception 28.02.17

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