

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 26-Jul-17	52 wk	Movement for the period				YTD	Q2 2017	Q1 2017	2016	2015	2014
			Day	Week	Month	Month						
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	1.36%	1.00	0.02%	0.08%	0.18%	0.08%	0.02%	1.18%	1.30%	1.94%	
60 days		2.33%	0.24	0.00%	-0.02%	-0.02%	0.01%	-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%	1.26%	-0.03%	0.07%	1.22%	1.44%	1.44%	
63 days		2.38%	0.00	0.00%	0.00%	0.38%	-0.02%	0.00%	2.40%	2.44%	2.44%	
91 days		2.45%	0.00	0.00%	-0.05%	-0.55%	-0.04%	-0.07%	2.61%	2.58%	0.00%	
182 days	Tbill auctions are irregular Wednes	4.74%	1.00	0.00%	0.00%	0.02%	0.01%	0.01%	4.72%	4.65%	4.65%	
273 days		6.68%		0.01%	0.01%	0.09%	**from first issuance					
364 days	reported Thursday/Friday	7.96%	1.00	0.00%	0.02%	0.19%	0.12%	0.05%	7.77%	7.60%	7.42%	
Government Inscribed Stock												
2020/2019/2018	GIS auctions usually monthly	9.41%	1.00		0.00%	0.31%	0.32%	-0.01%	9.10%	9.97%	7.95%	
2021/2020/2019	reported Thursday/Friday	10.54%	0.09		0.00%	-0.06%	-0.05%	-0.01%	10.60%	11.33%	10.73%	
2025/2024/2022		11.53%	1.00		0.00%	0.26%	0.03%	0.23%	11.27%	11.16%	11.89%	
2029/2028/2027		12.75%	1.00		0.00%	0.22%	0.05%	0.17%	12.53%	12.00%	12.63%	
2031		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		2.29%	0.70	-0.05%	0.02%	0.06%	-0.16%	-0.08%	-0.06%	2.44%	2.29%	2.19%
United Kingdom		1.23%	0.71	-0.03%	0.04%	0.08%	-0.01%	0.12%	-0.10%	1.24%	1.99%	1.76%
Australia		2.73%	0.79	0.04%	0.01%	0.27%	-0.04%	-0.10%	-0.06%	2.77%	2.88%	2.83%
France		0.82%	0.69	0.00%	0.02%	0.10%	0.13%	-0.16%	0.28%	0.69%	0.99%	0.83%
Japan		0.08%	0.83	0.00%	0.00%	0.02%	0.03%	0.02%	0.02%	0.05%	0.27%	0.33%
Australia												
	RBA Cash Rate	1.50%		0.00%	0.00%	0.00%	0.00%	0.00%	1.50%	2.00%	2.50%	
PNG CPI Index												
	Latest 12 mth % change	6.0%						1.1%	6.6%	6.4%	6.6%	
Currencies												
Percentage changes												
PGK/USD		0.3145	0.00	0.0%	0.0%	0.0%	-0.2%	0.00%	-0.2%	-5.3%	-14.3%	-2.4%
PGK/AUD		0.3986	0.05	0.6%	0.6%	-3.5%	-8.5%	-0.24%	-5.5%	-4.4%	-3.8%	5.9%
PGK/GBP		0.2415	0.24	0.1%	0.1%	-1.6%	-5.8%	-1.03%	-1.7%	14.3%	-10.0%	3.9%
PGK/NZD		0.4240	0.04	0.3%	-0.7%	-1.7%	-6.3%	-2.08%	-0.5%	-6.8%	-1.9%	2.1%
PGK/JPY		35.190	0.64	0.8%	-0.2%	-0.2%	-4.2%	4.00%	-4.3%	-8.2%	-13.7%	10.9%
AUD/USD		0.7891	0.94	-0.6%	-0.5%	3.7%	9.1%	0.45%	5.7%	-0.9%	-10.9%	-7.8%
USD/JPY		111.890	0.66	0.8%	-0.2%	-0.2%	-4.1%	12.00%	-4.1%	-3.1%	0.6%	13.6%
EUR/USD		1.1641	0.99	-0.2%	0.9%	2.5%	10.5%	7.54%	1.3%	-3.6%	-10.1%	-11.6%
GBP/USD		1.3026	0.72	-0.1%	-0.1%	1.7%	6.0%	5.29%	1.6%	-17.1%	-4.8%	-6.1%
MYR/USD		0.2334	0.39	-0.2%	0.0%	0.3%	4.7%	0.70%	1.4%	-4.3%	-18.3%	-6.4%
Equity Indices												
Papua New Guinea												
Percentage changes												
KSii Index		4,989.65	0.35	0.0%	0.0%	3.3%	3.7%	-12.1%	14.0%	40.8%	-2.3%	-9.7%
KSii Home Index		11,156.28	0.99	0.0%	0.0%	0.5%	5.0%	0.3%	4.1%	10.7%	0.5%	16.9%
Australia												
All Ordinaries		5,823.30	0.79	0.8%	0.8%	0.5%	1.8%	-2.4%	3.2%	7.0%	-0.8%	0.7%
S&P/ASX 100		4,791.00	0.77	0.9%	0.7%	0.4%	2.0%	-2.6%	3.7%	6.8%	-2.6%	1.5%
S&P/ASX 20		3,300.70	0.70	1.0%	1.0%	1.9%	0.3%	-5.1%	3.6%	3.5%	-6.4%	0.6%
S&P/ASX 50		5,730.60	0.72	0.9%	0.7%	0.6%	1.2%	-3.5%	3.7%	5.9%	-3.9%	0.7%
S&P/ASX Midcap 50		6,254.50	0.87	0.5%	0.4%	-1.1%	7.9%	3.8%	4.0%	13.5%	7.6%	9.2%
S&P/ASX Small Ordinaries		2,393.00	0.49	0.8%	1.5%	0.3%	0.4%	-0.8%	0.4%	9.5%	6.4%	-6.8%
S&P/ASX 200		5,776.63	0.78	0.9%	0.8%	0.4%	2.0%	-2.4%	3.5%	7.0%	-2.1%	1.1%
S&P/ASX 300		5,722.99	0.78	0.9%	0.8%	0.4%	1.9%	-2.4%	3.4%	7.0%	-1.9%	0.8%
S&P/ASX 200 Energy		8,776.20	0.51	2.9%	0.3%	1.4%	-2.9%	-5.7%	2.1%	12.9%	-31.0%	-14.8%
S&P/ASX 200 Materials		10,098.60	0.80	2.1%	1.2%	4.0%	3.3%	0.1%	0.1%	39.1%	-19.5%	-14.5%
S&P/ASX 200 Industrials		5,619.50	0.70	0.1%	0.2%	-3.6%	8.6%	7.9%	2.1%	6.5%	12.5%	8.9%
S&P/ASX 200 Consumer Discretionary		2,201.50	0.79	-0.5%	0.3%	-2.2%	2.4%	1.8%	1.0%	7.8%	13.8%	-4.2%
S&P/ASX 200 Consumer Staples		9,223.10	0.62	1.1%	0.9%	0.5%	4.0%	-5.6%	8.8%	0.9%	-4.2%	-8.4%
S&P/ASX 200 Healthcare		23,041.70	0.71	0.9%	1.4%	-6.0%	16.5%	7.1%	13.9%	-0.2%	13.4%	21.7%
S&P/ASX 200 Financials		6,647.10	0.71	0.7%	1.1%	3.1%	1.4%	-6.0%	4.9%	4.2%	0.7%	6.5%
S&P/ASX 200 Information Technology		880.50	0.86	0.5%	0.5%	1.3%	7.0%	4.5%	1.4%	1.7%	3.4%	5.6%
S&P/ASX 200 Telecommunication Services		1,449.80	0.06	0.2%	-0.1%	-5.5%	-18.7%	-8.4%	-7.5%	-12.0%	-2.9%	14.6%
S&P/ASX 200 Utilities		8,361.50	0.67	-0.2%	-1.1%	-5.9%	5.9%	0.4%	9.6%	13.7%	17.4%	9.9%
S&P/ASX 200 A-REIT		1,309.00	0.20	0.1%	-0.4%	-4.5%	-6.2%	-4.9%	-1.1%	8.1%	8.9%	20.4%
S&P/ASX 200 Financial-x-A-REIT		7,413.80	0.71	0.7%	1.1%	3.1%	1.4%	-6.0%	4.9%	1.2%	-0.8%	4.3%
North American												
DJIA		21,711.01	1.00	0.5%	0.3%	1.2%	9.9%	3.3%	4.6%	12.3%	-1.2%	7.5%
S&P 500		2,477.83	1.00	0.0%	0.2%	1.5%	10.7%	2.6%	5.5%	8.5%	0.2%	11.4%
NASDAQ		6,422.75	1.00	0.2%	0.6%	3.0%	19.3%	3.9%	9.8%	6.3%	7.0%	13.4%
Toronto S&P/TSX		15,120.00	0.50	-0.2%	-0.4%	-1.1%	-0.8%	-2.4%	1.7%	16.7%	-10.5%	7.0%
Europe												
FTSE		7,452.32	0.90	0.2%	0.3%	0.9%	4.3%	-0.1%	2.5%	13.8%	-4.4%	-2.7%
DAX		12,305.11	0.79	0.3%	-1.2%	-2.7%	7.2%	0.1%	7.2%	6.9%	9.6%	2.7%
CAC 40		5,190.17	0.78	0.6%	-0.5%	-1.2%	6.7%	0.0%	5.4%	4.0%	9.5%	-0.5%
Asia												
Nikkei		20,050.16	0.96	0.5%	0.1%	-0.4%	4.9%	5.9%	-1.1%	0.4%	9.1%	7.1%
Hang Seng		26,941.02	1.00	0.3%	1.0%	4.9%	22.5%	6.9%	9.6%	0.4%	-7.2%	1.5%
Shanghai		3,247.68	0.87	0.1%	0.5%	2.3%	4.6%	-0.9%	3.8%	-12.6%	9.8%	54.2%
Sensex		32,382.46	1.00	0.5%	1.3%	5.0%	21.6%	4.4%	11.2%	2.5%	-1.7%	24.9%

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

27-Jul-17
Reporting closing prices for prior day

		26-Jul-17	52 wk	Movement for the period				Q2 2017	Q1 2017	2016	2015	2014	
				Day	Week	Month	YTD						
Indices													
MSCI AC Asia-ex-Japan*	USD	457.31	0.95	0.1%	0.5%	4.8%	28.7%	8.3%	13.4%	5.7%	-9.4%	5.1%	
MSCI ACWI-ex-Australia*	USD	224.33	1.00	0.1%	0.2%	2.0%	14.6%	4.4%	6.8%	7.0%	-1.5%	4.7%	
MSCI All Country World Index*	USD	227.51	1.00	0.1%	0.2%	2.1%	14.6%	4.3%	6.9%	7.1%	-1.7%	4.4%	
iShare Emerging Markets		44.01	1.00	0.8%	0.7%	5.5%	25.7%	5.1%	12.5%	8.4%	-17.8%	-6.0%	
VIX Volatility S&P500		9.60	0.02	1.8%	-1.9%	-4.3%	-31.6%	-9.6%	-11.9%	-18.8%	8.6%	16.0%	
Commodities													
Light Crude (WTI)	US\$/bbl	48.75	0.59	1.8%	3.5%	9.0%	-9.3%	-9.0%	-5.8%	46.5%	-31.2%	-45.9%	
Brent Crude	US\$/bbl	50.97	0.56	1.5%	2.6%	7.7%	-10.3%	-9.3%	-7.0%	55.3%	-36.2%	-48.3%	
Gold	US\$/oz	1,255.60	0.52	-0.2%	1.1%	0.5%	9.0%	-0.7%	8.6%	8.5%	-10.4%	-1.5%	
Silver	US\$/oz	16.46	0.20	-0.5%	1.0%	-2.0%	2.9%	-8.9%	14.2%	14.8%	-10.7%	-19.5%	
Copper	US\$/lb	2.87	1.00	0.9%	6.0%	7.3%	14.6%	2.2%	5.9%	16.8%	-24.0%	-16.8%	
Iron Ore	US\$/mt	67.99	0.34	0.2%	0.9%	21.3%	-13.6%	-30.0%	1.8%	81.3%	-37.4%	-48.1%	
Malaysian Palm Oil* RM/tn		2,652	0.21	0.2%	2.8%	2.6%	-17.6%	-8.4%	-12.0%	39.3%	0.8%	-12.8%	
LNG *Jap/Korea	US\$/mmBtu	5.70	0.00	0.0%	0.0%	0.0%	-18.6%	-32.9%	21.4%	-5.4%	-36.2%		
ICCO Cocoa	US\$/mt	1,912	0.10	-0.7%	-1.6%	4.2%	-10.1%	-9.2%	-1.5%	-34.2%	11.0%	7.4%	
ICO Coffee	US\$/lb	135	0.35	3.2%	2.7%	9.8%	-1.6%	-10.9%	1.6%	10.8%	-25.8%	50.5%	
Equities													
Domestic													
	PGK K		Arbitrage	Percentage changes									POMSox
Bank South Pacific		9.60	1.00	0.0%	0.0%	0.6%	6.7%	1.5%	4.4%	20.0%	5.0%	-10.5%	
Credit Corporation		1.78	0.40	0.0%	0.0%	0.0%	-5.3%	-8.7%	3.7%	-16.4%	-13.5%	4.0%	
City Pharmacy		0.98	0.00	0.0%	0.0%	0.0%	-2.0%	-2.0%	0.0%	-24.8%	-7.6%	-26.5%	
Kina Petroleum Limited	0.21	0.40		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-46.7%	-21.1%	
Kina Asset Management Limited		0.96	0.00	0.0%	0.0%	0.0%	-1.0%	-1.0%	0.0%	14.1%	-15.0%	-9.1%	
Kina Securities Limited	1.86	2.60	0.48	0.0%	0.0%	1.2%	-3.7%	-1.2%	-3.7%	1.9%	27.4%	**from IPO price	
Airlines PNG		0.15		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-54.5%	0.0%	-5.7%	
Steamship Trading Company	56.45	5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Oil Search Limited	16.83	17.00	0.33	-0.1%	-0.1%	-3.1%	-2.9%	-2.8%	2.9%	24.5%	-12.1%	-8.7%	
Highlands Pacific Limited	0.16	0.16	0.20	0.0%	-11.1%	-11.1%	-15.8%	-10.0%	5.3%	-5.0%	33.3%	-25.0%	
Newcrest Mining Limited	50.70	50.00	0.43	0.0%	0.0%	8.7%	8.7%	-20.7%	26.1%	76.9%	8.3%	-20.0%	
Australia													
AMP Limited		5.32	0.58	0.9%	2.1%	1.3%	5.6%	0.2%	2.8%	-13.6%	6.0%	25.3%	
ANZ Banking Group Limited		30.28	0.66	0.9%	3.0%	6.8%	-0.5%	-9.7%	4.6%	8.9%	-13.0%	-0.4%	
BHP Billiton Limited		25.37	0.71	3.3%	2.2%	10.8%	1.2%	-3.2%	-4.1%	40.3%	-34.9%	-22.7%	
Bougainville Copper Limited		0.36	0.85	9.1%	-8.9%	2.9%	80.0%	66.7%	-10.0%	-16.7%	-5.9%	-46.3%	
Bank of Queensland		12.15	0.90	1.3%	0.7%	6.8%	2.4%	-5.8%	2.4%	-14.8%	14.4%	0.2%	
Brambles Limited		9.46	0.10	0.1%	-3.1%	-4.2%	-23.7%	4.1%	-24.6%	7.2%	8.8%	16.2%	
Commonwealth Bank of Australia		84.81	0.84	0.6%	1.2%	2.5%	2.9%	-3.6%	4.2%	-3.6%	-0.1%	10.1%	
Coca Cola Amatil		8.29	0.02	0.7%	-4.1%	-9.7%	-18.1%	-14.7%	6.9%	8.8%	-0.2%	-22.5%	
CSL		130.01	0.74	1.1%	1.6%	-7.4%	29.5%	10.1%	24.8%	-4.7%	21.5%	25.7%	
Fortescue Mining		5.30	0.34	4.7%	-1.5%	4.5%	-10.0%	-16.2%	5.8%	215.0%	-31.8%	-52.9%	
Highlands Pacific Limited		0.06	0.23	3.3%	6.8%	10.5%	12.5%	-16.2%	21.4%	-16.4%	17.5%	-6.6%	
Horizon Oil Ltd		0.05	0.48	2.0%	13.0%	18.2%	-7.1%	-27.6%	3.6%	-30.0%	-50.0%	-47.5%	
Kina Securities Ltd		0.74	0.09	-2.6%	-1.3%	-3.9%	-29.5%	-25.3%	-5.7%	-3.7%	9.0%	**from IPO price	
Kina Petroleum Ltd		0.09	0.26	0.0%	0.0%	19.7%	-5.6%	-27.3%	22.2%	-35.7%	-86.0%	-25.0%	
Macquarie Group Ltd		86.33	0.60	0.8%	-0.9%	-1.9%	-0.9%	-1.9%	3.5%	5.3%	42.0%	5.4%	
Mirvac Group		2.20	0.63	2.3%	3.3%	-2.2%	3.3%	-2.7%	2.8%	7.6%	11.2%	6.0%	
National Australia Bank		30.48	0.57	0.8%	0.6%	4.1%	-0.6%	-11.2%	8.7%	1.6%	-10.1%	-3.5%	
Newcrest Mining Limited		20.21	0.39	-1.8%	3.5%	-1.1%	-0.2%	-9.5%	10.0%	56.1%	19.1%	39.6%	
Oil Search Limited		6.71	0.31	3.2%	1.7%	1.7%	-6.4%	-5.5%	0.7%	7.0%	-15.1%	-2.7%	
Origin Energy Ltd		6.92	0.67	2.7%	-3.8%	1.9%	5.0%	-2.7%	7.0%	40.2%	-59.7%	-17.1%	
Qbe Insurance Group Ltd		11.97	0.63	0.5%	-1.0%	0.8%	-3.6%	-8.4%	3.8%	-1.4%	12.3%	-2.6%	
Rio Tinto Limited		64.65	0.79	2.6%	0.2%	5.4%	7.9%	4.6%	0.9%	34.0%	-22.9%	-14.9%	
Santos Limited		3.39	0.24	5.3%	12.3%	12.3%	-15.7%	-20.3%	-5.5%	9.2%	-55.4%	-43.6%	
Stockland		4.25	0.20	0.5%	-0.5%	-10.0%	-7.2%	-5.6%	1.3%	11.7%	-0.5%	14.1%	
Steamship Trading Company		22.50	0.93	0.0%	0.0%	-1.1%	2.3%	3.4%	0.0%	12.8%	-39.1%	3.2%	
Suncorp Metway Limited		14.41	0.79	0.3%	-2.2%	-4.6%	6.6%	12.2%	-2.3%	11.4%	-13.7%	7.3%	
Sydney Airport		6.96	0.60	-1.3%	1.2%	-6.8%	16.2%	4.7%	13.0%	-5.7%	34.8%	23.9%	
Transurban Group		11.57	0.60	-0.7%	2.6%	-6.6%	12.1%	1.5%	13.1%	-1.4%	22.0%	25.4%	
Telstra Corporation Limited		4.10	0.06	0.2%	-0.2%	-6.0%	-19.6%	-7.7%	-8.6%	-9.1%	-6.0%	13.7%	
Wesfarmers Ltd		40.72	0.12	1.1%	0.5%	-0.1%	-3.4%	-11.0%	7.0%	1.3%	-0.3%	-5.3%	
Westpac Banking Corporation		32.53	0.58	0.8%	1.8%	7.2%	-0.2%	-13.0%	7.5%	-2.9%	1.2%	2.4%	
Woolworths Limited		26.56	0.84	0.8%	1.2%	3.5%	10.2%	-3.6%	10.0%	-1.6%	-20.1%	-9.4%	
Woodside Petroleum Limited		29.30	0.39	2.3%	-1.4%	-2.3%	-6.0%	-6.9%	3.0%	8.5%	-24.4%	-2.3%	
International													
iShare MSCI All Asia ex Japan	USD \$	71.23	1.00	0.6%	0.9%	4.9%	29.7%	7.2%	14.6%	2.6%	-11.7%	0.6%	
Blackrock Int Equity Fund*	AUD \$	14.27	0.40	0.2%	0.4%	-8.7%	-3.3%	4.0%	0.2%	-6.5%	4.8%	14.2%	
Blackrock Australian Equity Fund*	AUD \$	1.56	0.49	0.7%	0.7%	-4.1%	-3.2%	-1.0%	3.3%	-0.5%	-4.3%	1.9%	
Vanguard International Share*	AUD \$	1.92	0.43	0.2%	0.4%	-7.5%	-3.2%	3.5%	-0.5%	4.4%	5.5%	13.5%	
Vanguard FTSE World exUS	USD \$	51.74	1.00	0.5%	0.5%	2.5%	17.1%	4.6%	8.3%	1.8%	-7.4%	-7.6%	
Vanguard FTSE Europe	USD \$	56.72	0.98	0.7%	0.6%	1.8%	18.3%	6.9%	7.6%	-3.9%	-4.8%	-10.9%	
iShares Core MSCI Europe	USD \$	48.22	0.97	0.8%	0.6%	1.9%	18.5%	6.6%	8.1%	-3.7%	-3.4%		
iShares Asia 50	USD \$	60.40	1.00	0.4%	0.6%	4.8%	30.6%	8.9%	13.6%	9.4%	-10.2%	-1.9%	
iShares MSCI Japan	USD \$	54.24	0.89	0.3%	0.3%	0.4%	11.0%	4.2%	5.4%	-1.3%	10.1%	-0.5%	

*as at 25-Jul-17