

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 04-Oct-18	52 wk	Movement for the period				YTD	Q2 2018	Q1 2018	2017	2016	2015
			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	1.40%	0.75	0.00%	0.00%	0.00%	-0.01%	0.00%	-0.01%	1.41%	1.18%	1.30%
60 days		2.35%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.35%	2.35%	2.32%
90 days		2.51%	0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.51%	2.51%	2.52%
182 days		4.55%		0.00%	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%	0.00%	0.00%	0.00%	0.00%	1.26%	1.22%	1.44%
63 days		2.36%	0.00	0.00%	0.00%	0.00%	-0.04%	-0.01%	-0.03%	2.40%	2.40%	2.44%
91 days		2.39%	0.00	0.00%	0.00%	0.00%	-0.06%	-0.02%	-0.03%	2.45%	2.61%	2.58%
182 days	Tbill auctions are irregular Wednes	4.73%	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	4.73%	4.72%	4.65%
273 days		6.76%	0.03	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.76%	*first issued in May'17	
364 days	reported Thursday/Friday	8.07%	1.00	0.00%	0.00%	0.02%	0.04%	0.00%	0.01%	8.03%	7.77%	7.60%
Government Inscribed Stock												
For interest rates, rate at end of each respective year reported.												
GIS auctions usually monthly reported Thursday/Friday												
GIS 4Y 2018-21		9.53%	1.00	0.00%	0.00%	0.01%	0.05%	0.02%	0.00%	9.48%	9.10%	9.97%
GIS 5Y 2018-22		10.48%	0.00	0.00%	0.00%	0.00%	-0.05%	-0.05%	0.00%	10.53%	10.60%	11.33%
GIS 8Y 2018-25		11.54%	1.00	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	11.53%	11.27%	11.16%
GIS 10Y 2018-28		12.58%	0.04	0.00%	0.00%	0.00%	-0.19%	-0.19%	0.00%	12.77%	12.53%	12.00%
GIS 17Y 2013-31		13.74%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.74%	13.74%	13.74%
Kina Facility Rate												
		6.25%		0.00%	0.00%					6.25%	6.25%	6.25%
Ten year Government Bond yields												
United States		3.19%	1.00	0.01%	0.14%	0.31%	0.78%	0.12%	0.33%	2.41%	2.44%	2.29%
United Kingdom		1.67%	1.00	0.09%	0.07%	0.25%	0.48%	-0.07%	0.16%	1.19%	1.24%	1.99%
Australia		2.71%	0.51	0.07%	0.02%	0.14%	0.08%	0.03%	-0.03%	2.63%	2.77%	2.88%
France		0.87%	0.65	0.05%	0.03%	0.18%	0.09%	-0.06%	-0.06%	0.79%	0.69%	0.99%
Japan		0.16%	1.00	0.02%	0.04%	0.05%	0.11%	0.00%	-0.01%	0.05%	0.05%	0.27%
Australia												
	RBA Cash Rate	1.50%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.50%	1.50%	2.00%
PNG CPI Index												
	Latest 12 mth % change	4.7%							1.30%	4.70%	6.70%	6.00%
Currencies												
Percentage changes												
PGK/USD		0.2980	0.00	0.0%	-0.7%	-1.0%	-3.7%	-1.0%	-0.6%	-1.7%	-5.3%	-14.3%
PGK/AUD		0.4211	0.94	1.5%	1.4%	0.3%	6.2%	2.7%	1.0%	-8.9%	-4.4%	-3.8%
PGK/GBP		0.2305	0.67	0.6%	0.8%	-1.2%	0.3%	6.2%	-5.0%	-10.3%	14.3%	-10.0%
PGK/NZD		0.4596	0.95	1.5%	1.7%	0.4%	5.5%	5.1%	-2.1%	-3.7%	-6.8%	-1.9%
PGK/JPY		34.080	0.55	0.5%	0.8%	1.7%	-2.3%	2.7%	-6.1%	-5.0%	-8.2%	-13.7%
AUD/USD		0.7077	0.00	-1.4%	-2.1%	-1.3%	-9.3%	-3.7%	-1.7%	7.8%	-0.9%	-10.9%
USD/JPY		114.370	1.00	0.5%	1.5%	2.7%	1.4%	3.9%	-5.5%	-3.4%	-3.1%	0.6%
EUR/USD		1.1470	0.12	-1.0%	-2.0%	-1.3%	-4.0%	-5.6%	3.2%	13.4%	-3.6%	-10.1%
GBP/USD		1.2930	0.14	-0.6%	-1.5%	0.2%	-4.0%	-6.9%	4.7%	9.6%	-17.1%	-4.8%
Equity Indices												
Papua New Guinea												
Percentage changes												
KSi Index		5,460.32	0.49	-0.1%	0.4%	0.6%	-0.1%	1.4%	-6.0%	13.6%	40.8%	-2.3%
KSi Home Index		11,333.36	0.75	-1.4%	0.2%	0.3%	4.1%	3.3%	0.0%	2.5%	10.7%	0.5%
Australia												
All Ordinaries		6,293.88	0.73	0.5%	-0.1%	0.4%	2.1%	7.2%	-4.8%	7.8%	7.0%	-0.8%
S&P/ASX 100		5,073.50	0.70	0.6%	0.0%	0.2%	1.7%	7.5%	-5.1%	6.2%	6.8%	-2.6%
S&P/ASX 20		3,412.20	0.70	0.7%	0.2%	0.6%	1.6%	8.0%	-5.5%	2.1%	3.5%	-6.4%
S&P/ASX 50		6,006.90	0.66	0.6%	-0.1%	0.1%	1.5%	7.9%	-5.4%	4.6%	5.9%	-3.9%
S&P/ASX 50 Accumulation		62,934.70	0.78	0.6%	-0.1%	0.4%	5.1%	9.0%	-4.2%	9.5%	10.9%	1.0%
S&P/ASX Midcap 50		7,058.70	0.83	0.5%	0.1%	0.5%	3.2%	4.8%	-3.4%	17.9%	13.5%	7.6%
S&P/ASX Small Ordinaries		2,855.50	0.84	-0.1%	0.0%	1.6%	3.1%	7.3%	-3.1%	16.3%	9.5%	6.4%
S&P/ASX 200		6,176.30	0.71	0.5%	-0.1%	0.3%	1.8%	7.6%	-5.0%	7.0%	7.0%	-2.1%
S&P/ASX 300		6,135.12	0.71	0.5%	0.0%	0.3%	1.9%	7.5%	-5.0%	7.2%	7.0%	-1.9%
S&P/ASX 200 Energy		12,591.60	1.00	1.2%	1.9%	8.8%	15.5%	19.7%	-7.7%	20.6%	12.9%	-31.0%
S&P/ASX 200 Materials		12,143.50	0.81	1.0%	2.1%	8.1%	4.8%	11.5%	-5.1%	18.5%	39.1%	-19.5%
S&P/ASX 200 Industrials		5,994.70	0.63	-0.6%	-0.8%	-2.5%	1.7%	4.2%	-4.3%	13.9%	6.5%	12.5%
S&P/ASX 200 Consumer Discretionary		2,413.60	0.57	-0.2%	-1.7%	-4.4%	2.4%	10.3%	-5.3%	9.6%	7.8%	13.8%
S&P/ASX 200 Consumer Staples		10,986.50	0.72	0.0%	-0.8%	-2.1%	7.3%	11.9%	-1.3%	15.4%	0.9%	-4.2%
S&P/ASX 200 Healthcare		31,289.50	0.71	0.5%	-0.4%	-4.7%	27.6%	16.4%	6.1%	24.0%	-0.2%	13.4%
S&P/ASX 200 Financials		6,018.30	0.21	0.8%	-0.6%	-1.7%	-7.8%	2.3%	-6.9%	-0.4%	4.2%	0.7%
S&P/ASX 200 Information Technology		1,231.60	0.92	0.0%	-0.9%	3.7%	21.8%	10.9%	0.7%	22.9%	1.7%	3.4%
S&P/ASX 200 Telecommunication Services		1,214.40	0.63	0.7%	0.4%	2.6%	-7.1%	-13.7%	-12.8%	-26.6%	-12.0%	-2.9%
S&P/ASX 200 Utilities		7,788.20	0.32	-0.1%	1.8%	0.8%	-5.5%	8.4%	-8.3%	4.5%	13.7%	17.4%
S&P/ASX 200 A-REIT		1,402.90	0.61	-0.4%	-2.3%	-3.5%	-0.1%	8.2%	-7.3%	0.7%	8.1%	8.9%
S&P/ASX 200 Financial-x-A-REIT		6,712.50	0.21	0.8%	-0.6%	-1.7%	-7.8%	2.3%	-6.9%	-0.4%	1.2%	-0.8%
North American												
DJIA		26,627.48	0.95	-0.7%	0.7%	2.4%	7.7%	0.7%	-2.5%	25.1%	12.3%	-1.2%
S&P 500		2,901.61	0.92	-0.8%	0.8%	0.8%	8.5%	2.9%	-1.2%	19.4%	8.5%	0.2%
NASDAQ		7,879.51	0.85	-1.8%	-2.0%	-0.5%	14.1%	6.3%	2.3%	28.2%	6.3%	7.0%
Toronto S&P/TSX		16,010.00	0.66	-0.4%	-1.1%	-0.4%	-1.0%	6.1%	-5.3%	6.1%	16.7%	-10.5%
Europe												
FTSE		7,418.34	0.54	-1.2%	-1.7%	1.4%	-3.5%	8.2%	-8.2%	7.6%	13.8%	-4.4%
DAX		12,244.14	0.26	-0.4%	-1.5%	2.4%	-5.2%	1.7%	-6.4%	12.5%	6.9%	9.6%
CAC 40		5,410.85	0.60	-1.5%	-2.3%	3.2%	1.9%	3.0%	-2.7%	9.3%	4.0%	9.5%
Asia												
Nikkei		23,975.62	0.92	-0.6%	0.8%	6.6%	5.3%	5.4%	-7.1%	19.1%	0.4%	9.1%
Hang Seng		26,623.87	0.04	-1.7%	-3.9%	-1.3%	-11.0%	-3.8%	0.6%	36.0%	0.4%	-7.2%
Shanghai		2,821.35	0.19	0.0%	1.1%	4.8%	-14.7%	-9.9%	-4.4%	6.6%	-12.6%	9.8%
Sensex		35,169.16	0.47	-2.2%	-3.2%	-8.0%	3.3%	7.4%	-3.2%	27.9%	2.5%	-1.7%

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

		04-Oct-18	52 wk	Movement for the period				Q2 2018	Q1 2018	2017	2016	2015	
				Day	Week	Month	YTD						
Indices													
MSCI AC Asia-ex-Japan*	USD	462.26	0.09	0.0%	-2.2%	-0.1%	-8.2%	-5.2%	0.5%	41.7%	5.7%	-9.4%	
MSCI ACWI-ex-Australia*	USD	252.27	0.69	0.0%	-0.3%	2.0%	3.9%	0.5%	-0.9%	24.1%	7.0%	-1.5%	
MSCI All Country World Index*	USD	255.22	0.68	0.0%	-0.4%	2.0%	3.7%	0.6%	-1.0%	24.0%	7.1%	-1.7%	
MSCI ACWI Minimum Volatility	USD	1,913.48	0.70	-0.7%	-1.0%	-0.1%	2.3%	0.0%	-1.3%	15.6%	5.2%	0.6%	
MSCI World Net Local		4,774.98	0.99	0.0%	0.1%	2.3%	6.8%	3.6%	-2.3%	18.5%	9.0%	2.1%	
iShare Emerging Markets		40.99	0.00	-2.5%	-5.1%	-1.8%	-13.0%	-10.3%	2.5%	34.6%	8.4%	-17.8%	
VIX Volatility S&P500		14.22	0.18	22.5%	14.6%	-2.9%	28.8%	-19.4%	80.9%	-21.4%	-18.8%	8.6%	
Commodities													
Light Crude (WTI)	US\$/bbl	74.63	0.93	-2.3%	3.5%	10.1%	23.5%	14.2%	7.5%	12.5%	46.5%	-31.2%	
Brent Crude	US\$/bbl	84.90	0.95	-1.6%	3.9%	11.0%	27.0%	13.0%	5.1%	17.7%	55.3%	-36.2%	
Gold	US\$/oz	1,203.70	0.11	0.1%	1.4%	0.0%	-8.1%	-5.5%	1.4%	13.7%	8.5%	-10.4%	
Silver	US\$/oz	14.62	0.14	-0.3%	2.3%	3.1%	-14.7%	-0.4%	-5.1%	7.2%	14.8%	-10.7%	
Copper	US\$/lb	2.79	0.30	-1.7%	0.1%	5.7%	-15.6%	-2.0%	-8.3%	31.7%	16.8%	-24.0%	
Iron Ore	US\$/mt	66.02	0.43	0.0%	1.1%	5.3%	-6.7%	-0.7%	-14.0%	-10.0%	81.3%	-37.4%	
Malaysian Palm Oil* RM/tn		2,148	0.09	1.0%	1.5%	-3.4%	-12.1%	-3.4%	-2.7%	-24.1%	39.3%	0.8%	
LNG *Jap/Korea	US\$/mmBtu	11.30	0.89	-0.3%	-1.6%	-2.0%	1.1%	47.1%	-35.5%	42.2%	14.5%	-31.8%	
ICCO Cocoa	US\$/mt	2,010	0.18	-0.4%	-4.9%	-13.0%	6.2%	-3.1%	35.1%	-11.0%	-34.2%	11.0%	
ICO Coffee	US\$/lb	107	0.39	0.3%	7.7%	9.2%	-15.3%	-5.6%	-6.4%	-7.9%	10.8%	-25.8%	
Equities													
Domestic													
	PGK K	Arbitrage	POMSox	Percentage changes									
Bank South Pacific			10.15	0.82	-1.6%	0.1%	0.4%	6.8%	4.7%	0.6%	5.6%	20.0%	5.0%
Credit Corporation			1.40	0.00	0.0%	0.0%	0.0%	-15.2%	-6.3%	-3.0%	-12.2%	-16.4%	-13.5%
City Pharmacy			0.65	0.13	0.0%	8.3%	0.0%	-13.3%	-9.1%	-12.0%	-25.0%	-24.8%	-7.6%
Kina Petroleum Limited	0.18		0.70	0.00	0.0%	0.0%	75.0%	75.0%	33.3%	-25.0%	0.0%	0.0%	-46.7%
Kina Asset Management Limited			0.94	0.00	-1.1%	-1.1%	-1.1%	0.0%	0.0%	-1.1%	-2.1%	14.1%	-15.0%
Kina Securities Limited	2.61		2.50	0.71	0.0%	0.0%	0.0%	0.0%	0.4%	-1.6%	-7.4%	1.9%	27.4%
Airlines PNG			0.12		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.0%	-54.5%	0.0%
Steamship Trading Company	46.78		5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	21.75		21.20	0.92	0.0%	1.0%	1.0%	17.6%	3.0%	2.7%	3.0%	24.5%	-12.1%
Highlands Pacific Limited	0.26		0.30	1.00	0.0%	0.0%	42.9%	87.5%	0.0%	25.0%	-15.8%	-5.0%	33.3%
Newcrest Mining Limited	46.02		50.00	0.00	0.0%	0.0%	0.0%	-12.3%	0.0%	-12.3%	23.9%	76.9%	8.3%
Australia													
AMP Limited			3.07	0.02	0.7%	-2.2%	-7.3%	-40.8%	-28.7%	-3.9%	3.0%	-13.6%	6.0%
ANZ Banking Group Limited			27.61	0.32	0.6%	-0.6%	-3.2%	-3.9%	5.1%	-6.5%	-5.5%	8.9%	-13.0%
BHP Billiton Limited			35.41	1.00	0.9%	2.7%	12.8%	19.7%	20.2%	-4.6%	18.0%	40.3%	-34.9%
Bougainville Copper Limited			0.17	0.12	0.0%	9.7%	3.0%	-37.0%	0.0%	-25.9%	35.0%	-16.7%	-5.9%
Bank of Queensland			11.01	0.34	2.2%	0.7%	-1.1%	-13.4%	-7.0%	-13.8%	7.2%	-14.8%	14.4%
Brambles Limited			11.00	0.88	0.5%	1.9%	0.4%	9.2%	-11.0%	-0.9%	-18.8%	7.2%	8.8%
Commonwealth Bank of Australia			69.92	0.17	0.4%	-0.2%	-0.3%	-13.0%	0.8%	-10.0%	-2.5%	-3.6%	-0.1%
Coca Cola Amatil			10.13	1.00	2.8%	3.6%	10.2%	19.0%	6.1%	1.9%	-15.9%	8.8%	-0.2%
CSL			199.61	0.67	0.5%	-1.2%	-8.1%	41.3%	23.9%	10.0%	40.7%	-4.7%	21.5%
Fortescue Mining			3.71	0.10	-0.3%	-6.1%	0.8%	-24.0%	1.4%	-11.3%	-17.1%	215.0%	-31.8%
Highlands Pacific Limited			0.11	0.59	4.8%	0.0%	4.8%	4.8%	46.1%	-15.2%	87.5%	-16.4%	17.5%
Horizon Oil Ltd			0.15	0.91	-3.2%	-3.2%	20.0%	61.3%	15.4%	39.8%	66.1%	-30.0%	-50.0%
Kina Securities Ltd			1.10	0.95	-1.8%	2.3%	10.0%	47.7%	-11.9%	18.1%	-29.0%	-3.7%	9.0%
Kina Petroleum Ltd			0.08	0.17	1.4%	2.7%	-12.8%	-21.1%	-10.0%	-15.8%	5.6%	-35.7%	-57.6%
Macquarie Group Ltd			123.69	0.84	1.1%	-3.2%	-0.7%	24.1%	20.2%	3.3%	14.4%	5.3%	42.0%
Mirvac Group			2.34	0.62	0.4%	-3.7%	-5.3%	-0.4%	0.9%	-8.5%	10.3%	7.6%	11.2%
National Australia Bank			27.25	0.19	0.2%	-0.3%	-2.5%	-7.8%	-3.8%	-3.7%	-3.6%	1.6%	-10.1%
Newcrest Mining Limited			19.38	0.13	-1.7%	0.1%	3.7%	-15.1%	11.5%	-14.3%	12.7%	56.1%	19.1%
Oil Search Limited			9.16	0.97	1.2%	1.2%	6.5%	17.6%	24.5%	-8.2%	8.6%	7.0%	-15.1%
Origin Energy Ltd			8.55	0.49	1.5%	4.1%	11.2%	-9.2%	15.3%	-7.6%	42.9%	40.2%	-59.7%
Pilbara Minerals Ltd			0.86	0.30	-0.6%	-2.8%	22.0%	-22.9%	4.8%	-26.0%	123.0%	56.3%	661.9%
Qbe Insurance Group Ltd			11.33	1.00	2.6%	3.4%	3.2%	6.1%	1.1%	-9.8%	-14.0%	-1.4%	12.3%
Rio Tinto Limited			79.95	0.64	0.6%	0.9%	13.7%	5.5%	14.8%	-4.1%	26.6%	34.0%	-22.9%
Santos Limited			7.45	1.00	1.4%	1.6%	11.4%	36.7%	23.7%	-7.0%	35.6%	9.2%	-55.4%
Stockland			4.11	0.24	0.0%	-1.7%	-2.6%	-8.3%	-1.5%	-10.0%	-2.2%	11.7%	-0.5%
Steamship Trading Company			19.70	0.69	0.0%	1.0%	1.0%	13.7%	0.0%	6.8%	-21.3%	12.8%	-39.1%
Suncorp Metway Limited			14.35	0.50	1.3%	0.1%	-3.6%	3.5%	9.4%	-3.8%	2.5%	11.4%	-13.7%
Sydney Airport			6.72	0.31	-1.8%	-2.3%	-8.3%	-4.7%	6.7%	-4.8%	17.7%	-5.7%	34.8%
Transurban Group			10.98	0.00	-2.0%	-1.3%	-3.9%	-11.7%	4.8%	-8.1%	20.4%	-1.4%	22.0%
Telstra Corporation Limited			3.25	0.56	1.2%	1.9%	4.2%	-10.5%	-16.6%	-13.5%	-28.8%	-9.1%	-6.0%
Wesfarmers Ltd			49.43	0.74	0.3%	-0.5%	-3.0%	11.3%	18.8%	-6.4%	5.4%	1.3%	-0.3%
Westpac Banking Corporation			27.39	0.04	-0.9%	-0.8%	-1.6%	-12.6%	2.4%	-8.7%	-3.8%	-2.9%	1.2%
Woolworths Limited			27.90	0.47	-0.3%	-0.5%	-1.2%	2.2%	16.1%	-3.7%	13.3%	-1.6%	-20.1%
Woodside Petroleum Limited			39.00	1.00	0.9%	0.9%	9.2%	17.9%	21.3%	-11.6%	6.2%	8.5%	-24.4%
International													
iShare MSCI All Asia ex Japan	USD \$	66.95	0.00	-2.5%	-5.7%	-3.2%	-12.2%	-7.5%	1.7%	38.8%	2.6%	-11.7%	
Blackrock Int Equity Fund*	AUD \$	16.78	0.91	0.7%	1.3%	2.2%	7.0%	6.6%	-0.1%	6.2%	-6.5%	4.8%	
Blackrock Australian Equity Fund*	AUD \$	1.61	0.23	0.3%	-1.4%	-1.5%	-3.9%	7.1%	-4.7%	4.3%	-0.5%	-4.3%	
Vanguard International Share*	AUD \$	2.34	1.00	0.7%	0.7%	1.6%	11.3%	6.1%	-0.7%	5.9%	4.4%	5.5%	
Vanguard FTSE World exUS	USD \$	50.90	0.09	-1.5%	-2.9%	0.1%	-7.0%	-4.7%	-0.6%	23.9%	1.8%	-7.4%	
Vanguard FTSE Europe	USD \$	55.37	0.09	-1.3%	-2.7%	0.1%	-6.4%	-3.5%	-1.7%	23.4%	-3.9%	-4.8%	
iShares Core MSCI Europe	USD \$	47.31	0.11	-1.2%	-2.6%	0.5%	-5.7%	-4.2%	-1.0%	23.3%	-3.7%	-3.4%	
iShares Asia 50	USD \$	59.30	0.00	-2.4%	-6.0%	-2.5%	-10.2%	-8.0%	3.4%	42.8%	9.4%	-10.2%	
iShares MSCI Japan	USD \$	59.16	0.31	-1.4%	-2.0%	3.8%	-1.3%	-4.6%	1.3%	22.7%	-1.3%	10.1%	
Acadian Global Managed Volatility Equity Fund		1.83	0.97	0.6%	1.1%	2.4%	5.8%	4.8%	0.0%	8.3%	2.1%	1.3%	
Lazard Global Managed Volatility Fund - Australia*		1.20	1.00	0.7%	1.1%	1.2%	6.5%	4.2%	0.6%				

*Lazard performance since inception 28.02.17