

Shading Key:

52	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				Q2 2022	Q1 2022	2021	2020	2019
		20-Jul-22	wk	Day	Week	Month	YTD					
Interest Rates												
Central Bank Bills												
28 days	C-bill auctions on Wednesday;	1.24%		0.00%	0.22%	0.22%	-0.05%	-0.06%	-0.21%	1.29%	1.33%	1.39%
60 days	reported Thursday/Friday	1.66%		0.00%	-0.05%	-0.05%	-0.33%	-0.11%	-0.17%	1.99%	2.07%	2.30%
90 days		1.64%	0.00	0.00%	0.00%	0.00%	-0.31%	-0.20%	-0.11%	1.95%	2.04%	2.50%
182 days		4.55%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	4.55%	4.55%
Treasury Bills												
182 days	Tbill auctions are irregular Wednesdays	1.21%	0.02	0.00%	0.00%	0.06%	-3.08%	-1.12%	-2.02%	4.29%	4.41%	4.68%
273 days		2.75%	0.00	0.00%	0.54%	0.26%	-3.20%	-1.78%	-2.05%	5.95%	6.04%	6.04%
364 days	reported Thursday/Friday	4.14%		0.84%	1.39%	1.68%	-2.90%	-2.50%	-1.99%	7.04%	7.20%	7.08%
Government Inscribed Stock												
GIS 2Y 2022-24	GIS auctions usually monthly	5.00%		-0.22%	-0.22%	-0.31%	-3.50%			8.50%	8.04%	7.90%
GIS 4Y 2022-26	reported Thursday/Friday	5.74%		0.00%	0.00%	0.40%	-4.10%			-	8.84%	-
GIS 5Y 2022-27		6.38%		0.00%	0.00%	-0.11%	-3.32%			9.70%	-	-
GIS 7Y 2022-29		6.20%		-0.50%	-0.50%	6.20%	-3.60%			-	-	-
GIS 8Y 2022-30		6.45%		-0.37%	-0.37%	6.45%	6.45%			9.90%	-	-
GIS 9Y 2022-31		6.70%		-0.29%	-0.29%	-1.10%	-3.20%			9.90%	11.82%	10.55%
GIS 10Y 2022-32		6.80%		-0.20%	-0.20%	-1.10%	-3.10%			9.90%	-	-
Kina Facility Rate		3.00%		0.00%	0.00%	0.00%	0.00%			3.00%	3.00%	5.50%
Ten year Government Bond yields												
United States		3.03%	0.81	0.01%	0.09%	-0.13%	1.52%	0.67%	0.83%	1.51%	0.91%	1.92%
United Kingdom		2.14%	0.76	-0.04%	0.08%	-0.36%	1.17%	0.62%	0.64%	0.97%	0.20%	0.82%
Australia		3.55%	0.79	0.04%	0.16%	-0.44%	1.88%	0.82%	1.17%	1.67%	0.97%	1.37%
New Zealand		3.79%	0.81	0.09%	0.15%	-0.38%	1.40%	0.64%	0.83%	2.39%	0.99%	1.65%
France		1.83%	0.78	-0.02%	0.09%	-0.35%	1.64%	0.94%	0.78%	0.20%	-0.34%	0.12%
Japan		0.25%	0.95	0.01%	0.01%	0.00%	0.18%	0.01%	0.15%	0.07%	0.02%	-0.01%
Australia	RBA Cash Rate	1.35%		0.00%	0.00%	0.50%	1.25%	0.75%	0.00%	0.10%	0.10%	0.75%
PNG CPI Index	Latest 12 mth % change	5.70%								4.60%	3.10%	4.00%
Currencies												
PGK/USD		0.2840	0.60	0.00%	0.00%	0.00%	-0.35%	0.00%	-0.35%	0.00%	-2.90%	-1.18%
PGK/AUD		0.4109	0.77	-0.87%	-2.07%	0.17%	4.61%	8.56%	-3.36%	6.19%	-11.68%	-0.48%
PGK/GBP		0.2362	0.89	-0.51%	-0.84%	1.72%	11.84%	8.09%	2.41%	1.00%	-6.57%	-4.40%
PGK/NZD		0.4541	0.84	-1.30%	-1.99%	0.33%	8.79%	11.85%	-2.13%	5.78%	-9.52%	-1.45%
PGK/JPY		39.220	0.97	0.15%	0.74%	1.27%	19.54%	11.97%	5.43%	11.64%	-7.87%	-2.68%
AUD/USD		0.6912	0.21	0.88%	2.11%	-0.19%	-4.75%	-7.89%	3.10%	-5.83%	9.94%	-0.71%
USD/JPY		138.080	0.97	0.14%	0.74%	1.26%	19.94%	11.96%	5.79%	11.63%	-5.12%	-1.53%
EUR/USD		1.0239	0.12	0.88%	1.95%	-2.46%	-9.46%	-6.38%	-1.24%	-8.00%	9.68%	-1.94%
GBP/USD		1.2025	0.10	0.51%	0.86%	-1.68%	-10.89%	-7.49%	-2.69%	-0.98%	3.90%	3.37%
Equity Indices												
Papua New Guinea												
KS Index		6,280.68	1.00	0.00%	0.00%	0.27%	7.15%	1.51%	5.28%	-3.09%	-3.42%	21.05%
KS Home Index		15,356.56	0.73	0.00%	0.00%	0.00%	6.71%	10.08%	-3.06%	8.11%	1.50%	14.95%
Australia												
All Ordinaries		6,975.22	0.28	1.78%	2.46%	4.38%	-10.34%	-13.39%	0.13%	13.55%	0.71%	19.14%
S&P/ASX 100		5,652.13	0.29	1.57%	1.88%	3.57%	-8.07%	-11.65%	1.41%	13.28%	-2.06%	18.88%
S&P/ASX 20		3,790.90	0.25	1.22%	1.45%	3.04%	-6.58%	-11.32%	3.21%	12.14%	-1.49%	15.34%
S&P/ASX 50		6,593.30	0.27	1.35%	1.53%	3.28%	-7.04%	-11.12%	2.31%	12.37%	-4.86%	19.07%
S&P/ASX 50 Accumulation		80,047.50	0.29	1.35%	1.53%	3.43%	-4.90%	-10.55%	4.00%	17.00%	-1.94%	24.43%
S&P/ASX Midcap 50		8,426.80	0.25	2.97%	4.16%	5.45%	-13.71%	-14.95%	-3.46%	18.46%	14.48%	17.68%
S&P/ASX Small Ordinaries		2,832.50	0.22	2.38%	4.49%	7.38%	-19.75%	-20.79%	-5.06%	14.24%	6.62%	17.88%
S&P/ASX 200		6,759.21	0.27	1.65%	2.08%	3.85%	-9.21%	-12.42%	0.74%	13.02%	-1.45%	18.38%
S&P/ASX 200 Accumulation		79,832.20	0.30	1.65%	2.08%	4.01%	-7.30%	-11.90%	2.24%	17.23%	1.40%	23.40%
S&P/ASX 300		6,742.67	0.27	1.66%	2.16%	3.97%	-9.54%	-12.73%	0.60%	13.38%	-1.10%	18.77%
S&P/ASX 200 Energy		10,316.60	0.77	1.38%	7.49%	3.09%	30.58%	1.45%	25.09%	-1.97%	-29.93%	18.24%
S&P/ASX 200 Materials		14,898.40	0.12	2.50%	2.24%	-6.31%	-11.00%	-16.19%	-11.87%	6.84%	13.37%	22.09%
S&P/ASX 200 Industrials		6,382.60	0.54	1.18%	1.30%	4.12%	-3.95%	-2.18%	-3.84%	11.24%	-14.10%	22.62%
S&P/ASX 200 Consumer Discretionary		2,898.90	0.30	1.77%	2.69%	9.24%	-17.87%	-15.08%	-10.59%	21.31%	8.63%	27.23%
S&P/ASX 200 Consumer Staples		13,302.90	0.53	0.36%	0.27%	6.78%	-1.78%	-3.40%	-1.42%	7.13%	3.57%	17.98%
S&P/ASX 200 Healthcare		42,320.40	0.45	0.76%	-0.03%	10.31%	-6.34%	-1.93%	-10.65%	7.98%	2.97%	41.23%
S&P/ASX 200 Financials		6,058.30	0.36	1.36%	1.57%	6.19%	-7.31%	-14.87%	3.67%	20.20%	-9.00%	7.39%
S&P/ASX 200 Information Technology		1,490.70	0.20	3.77%	6.04%	17.07%	-30.27%	-27.19%	-14.04%	-2.79%	56.35%	31.81%
S&P/ASX 200 Telecommunication Services		1,420.90	0.28	1.60%	2.05%	5.51%	-12.83%	-10.12%	-6.92%	28.46%	0.91%	22.31%
S&P/ASX 200 Utilities		7,872.60	0.80	1.60%	4.02%	4.56%	17.63%	0.61%	12.72%	4.56%	-21.52%	10.09%
S&P/ASX 200 A-REIT		1,416.60	0.28	2.19%	2.09%	8.26%	-19.26%	-18.85%	-7.71%	21.61%	-7.99%	14.01%
S&P/ASX 200 Financial-x-A-REIT		6,757.10	0.36	1.36%	1.57%	6.19%	-7.31%	-14.87%	3.67%	20.20%	-8.99%	7.39%
North American												
DJIA		31,874.84	0.29	0.15%	3.58%	4.57%	-12.28%	-11.25%	-4.57%	18.73%	7.25%	22.34%
S&P 500		3,959.90	0.26	0.59%	4.16%	5.32%	-16.92%	-16.45%	-4.95%	26.89%	16.26%	28.88%
NASDAQ		11,897.65	0.23	1.58%	5.78%	7.64%	-23.95%	-22.44%	-9.10%	21.39%	43.64%	35.23%
Toronto S&P/TSX		19,020.67	0.18	0.44%	2.18%	0.09%	-10.38%	-13.84%	3.14%	21.74%	2.17%	19.13%
Europe												
FTSE		7,264.31	0.47	-0.44%	1.51%	2.47%	-1.63%	-4.61%	1.78%	14.30%	-14.34%	12.10%
DAX		13,281.98	0.23	-0.20%	4.12%	1.05%	-16.39%	-11.31%	-9.25%	15.79%	3.55%	25.48%
CAC 40		6,184.66	0.25	-0.27%	3.07%	4.53%	-13.54%	-11.07%	-6.89%	28.85%	-7.14%	26.37%
Asia												
Nikkei		27,680.26	0.50	2.67%	4.54%	5.85%	-3.86%	-5.13%	-3.37%	4.91%	16.01%	18.20%
Hang Seng		20,890.22	0.28	1.11%	0.44%	-0.56%	-10.72%	-0.62%	-5.99%	-14.08%	-3.40%	9.07%
Shanghai		3,304.72	0.50	0.77%	0.62%	1.15%	-9.21%	4.50%	-10.65%	4.80%	13.87%	22.30%
Sensex		55,397.53	0.39	1.15%	3.52%	6.90%	-4.90%	-9.48%	0.54%	21.99%	15.75%	14.38%

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These estimates are based upon the last 256 daily moves of each instrument

		20-Jul-22	52 Movement for the period				Q2 2022	Q1 2022	2021	2020	2019		
			wk	Day	Week	Month						YTD	
Indices													
MSCI World USD Index		2,643.93	0.21	0.59%	3.90%	4.20%	-18.19%	-16.60%	-5.53%	20.14%	14.06%	25.19%	
MSCI World Net TR USD Index		8,056.65	0.22	0.59%	3.91%	4.29%	-17.42%	-15.26%	-5.15%	21.82%	15.90%	27.67%	
MSCI ACWI-ex-Australia TR AUD Index		13,181.95	0.28	2.17%	2.21%	5.37%	-13.21%	-7.44%	-8.42%	29.58%	5.73%	27.97%	
MSCI ACWI Net TR USD Index		320.81	0.19	0.60%	3.66%	3.79%	-17.54%	-14.72%	-5.36%	18.54%	16.25%	26.60%	
MSCI ACWI Minimum Volatility USD		2,105.67	0.22	-0.09%	0.53%	2.25%	-12.52%	-9.77%	-3.40%	11.95%	0.56%	18.50%	
MSCI EM Asia Net TR USD Index		588.00	0.07	0.84%	1.59%	0.42%	-18.13%	-8.32%	-8.69%	-5.08%	28.38%	19.24%	
MSCI EM Net TR USD Index		495.82	0.07	0.68%	1.73%	-0.04%	-18.49%	-10.36%	-6.97%	-2.54%	18.31%	18.42%	
VIX Volatility S&P500		23.88	0.41	-2.53%	-10.96%	-17.51%	38.68%	39.64%	19.40%	-24.31%	65.09%	-45.79%	
Commodities													
Light Crude WTI Futures	US\$/bbl	102.26	0.63	-1.88%	6.19%	-3.70%	35.19%	5.46%	32.58%	55.89%	-20.54%	34.46%	
Brent Crude	US\$/bbl	106.92	0.65	-0.40%	7.38%	-4.31%	36.76%	6.39%	38.03%	50.93%	-21.52%	22.68%	
Gold	US\$/oz	1,717.70	0.04	-1.03%	-1.03%	-6.57%	-6.23%	-7.51%	6.67%	-3.34%	24.42%	18.87%	
Silver	US\$/oz	18.67	0.05	-0.24%	-2.74%	-13.16%	-20.27%	-19.02%	7.34%	-11.35%	47.38%	15.32%	
Copper	US\$/lb	3.33	0.06	1.03%	0.08%	-15.82%	-25.63%	-21.91%	6.26%	27.05%	25.81%	6.31%	
Iron Ore	US\$/mt	91.91	0.10	1.69%	-10.38%	-16.99%	-18.41%	-16.56%	24.13%	-27.05%	81.97%	20.45%	
Malaysian Palm Oil* RM/tn		3,913	0.06	3.00%	1.64%	-16.53%	-24.15%	-20.39%	23.88%	32.59%	27.95%	51.75%	
LNG *Jap/Korea	US\$/mmBtu	38.17	0.64	1.83%	-2.64%	2.86%	25.17%	9.10%	16.20%	113.25%	169.81%	-41.08%	
ICCO Cocoa	US\$/mt	2,368	0.29	0.89%	5.06%	-1.29%	-6.03%	-13.55%	5.16%	-3.19%	2.48%	5.13%	
ICO Coffee	US cents/lb	218	0.53	-1.02%	3.27%	-8.57%	-3.52%	3.18%	0.13%	76.30%	-1.12%	27.34%	
Equities													
Percentage changes													
Domestic													
		PGK K	Arbitrage	PNGX									
Bank South Pacific		11.80	12.42	0.28	0.08%	0.08%	0.16%	1.39%	2.90%	-1.63%	2.08%	1.87%	14.81%
Credit Corporation			1.85	0.96	0.00%	0.00%	0.00%	10.12%	15.63%	-4.76%	-1.18%	6.25%	18.52%
City Pharmacy			0.95	0.50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	-38.27%	24.62%
Kina Asset Management Limited			1.00		0.00%	0.00%	0.00%	1.01%	0.00%	1.01%	10.00%	-5.26%	0.00%
Kina Securities Limited		2.13	3.00	0.55	0.00%	0.00%	0.00%	1.69%	0.00%	1.69%	-1.67%	-10.98%	27.17%
Steamship Trading Company		28.72	35.46		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited		17.98	19.10	1.60	0.00%	0.00%		2.70%					
Australia													
A2 Milk Company Limited		4.46	0.14		3.24%	-2.62%	7.47%	-18.32%	-15.90%	-4.40%	-52.31%	-19.93%	38.57%
ANZ Banking Group Limited		21.47	0.04		-0.79%	-4.29%	-1.66%	-21.96%	-20.18%	0.33%	21.19%	-7.84%	0.70%
BSP Financial Group		4.85	0.43		0.00%	-1.22%	-0.82%	13.58%	3.13%	12.41%	-17.88%		
BHP Billiton Limited		37.11	0.08		1.37%	0.51%	-9.55%	-10.58%	-20.29%	24.70%	-2.19%	9.02%	13.70%
Boral Limited		2.76	0.05		3.37%	5.34%	0.36%	-54.75%	-25.14%	-43.28%	23.23%	10.49%	-9.31%
Bougainville Copper Limited		0.33	0.05		0.00%	-2.94%	-2.94%	8.20%	-56.00%	145.90%	5.17%	-10.77%	103.13%
Bank of Queensland		7.26	0.24		1.54%	3.42%	8.68%	-10.26%	-23.16%	7.29%	4.52%	6.76%	-25.26%
Brambles Limited		11.39	0.65		0.62%	1.88%	8.89%	7.15%	8.07%	-6.77%	0.28%	-9.56%	15.47%
Commonwealth Bank of Australia		96.02	0.38		1.13%	1.47%	7.20%	-4.93%	-14.55%	4.72%	23.01%	2.77%	10.37%
CSL		291.23	0.64		0.20%	-0.88%	11.26%	0.18%	0.34%	-7.76%	2.66%	2.69%	48.93%
Fortescue Mining		17.90	0.32		5.23%	5.36%	1.59%	-6.82%	-15.15%	7.55%	-18.01%	119.18%	155.13%
Horizon Oil Ltd		0.13	0.68		4.00%	4.00%	4.00%	41.30%	8.00%	35.87%	48.39%	-48.33%	20.00%
Kina Securities Ltd		0.88	0.33		1.74%	1.74%	6.06%	2.34%	-5.85%	0.00%	-5.00%	-39.60%	56.84%
Kina Petroleum Ltd		0.06			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-1.72%
Macquarie Group Ltd		174.17	0.32		3.90%	1.62%	7.29%	-15.20%	-19.07%	-1.04%	48.32%	0.46%	26.88%
Mirvac Group		2.14	0.14		2.88%	2.88%	3.88%	-26.46%	-20.68%	-14.43%	10.23%	-16.98%	41.96%
National Australia Bank		29.65	0.50		0.78%	4.22%	9.86%	2.81%	-15.33%	12.17%	27.61%	-8.24%	2.33%
Newcrest Mining Limited		19.04	0.05		2.75%	0.26%	-19.22%	-22.22%	-21.88%	9.23%	-5.04%	-14.78%	38.76%
Origin Energy Ltd		5.72	0.54		1.24%	4.95%	0.70%	9.16%	-8.03%	18.89%	10.08%	-43.67%	30.60%
Pilbara Minerals Ltd		2.48	0.36		5.08%	5.08%	20.39%	-22.50%	-28.44%	0.00%	267.82%	210.71%	-55.20%
Qbe Insurance Group Ltd		11.70	0.59		0.95%	0.00%	-0.85%	3.08%	5.65%	1.32%	33.06%	-33.77%	27.52%
Rio Tinto Limited		97.80	0.22		2.18%	3.93%	-6.41%	-2.31%	-13.78%	18.98%	-12.05%	13.38%	27.95%
ResMed Inc		32.48	0.38		2.62%	1.09%	11.81%	-9.22%	-5.34%	-9.39%	31.40%	24.34%	37.56%
Santos Limited		7.39	0.52		2.07%	7.41%	-1.47%	17.12%	-4.13%	22.66%	0.64%	-23.35%	49.27%
Steamship Trading Company		11.80	0.72		0.00%	-1.83%	-1.67%	18.00%	18.93%	0.90%	1.52%	-21.20%	-33.16%
Suncorp Metway Limited		11.31	0.41		1.07%	1.62%	5.31%	2.17%	-1.26%	0.45%	13.66%	-24.85%	2.61%
Sydney Airport		8.72	1.00		0.00%	0.00%	0.00%	0.46%	0.00%	0.46%	35.41%	-25.98%	28.68%
Transurban Group		14.32	0.83		-0.21%	-0.28%	4.15%	3.62%	6.13%	-1.95%	1.17%	-8.38%	27.98%
Telstra Corporation Limited		3.95	0.42		0.51%	1.28%	3.40%	-5.50%	-2.78%	-5.26%	40.27%	-15.82%	24.21%
Treasury Wine Estates Limited		11.60	0.40		0.96%	1.93%	6.42%	-6.30%	-1.99%	-6.46%	31.70%	-42.12%	9.73%
Westpac Banking Corporation		20.53	0.19		1.13%	1.84%	5.12%	-3.84%	-19.55%	13.54%	10.22%	-20.06%	-3.23%
Worley Limited		13.79	0.74		2.00%	4.31%	1.03%	29.73%	10.30%	21.45%	-7.48%	-24.95%	34.06%
Woolworths Limited		37.14	0.47		0.27%	-0.05%	8.03%	-2.29%	-4.46%	-1.97%	-3.31%	8.71%	22.91%
International													
iShare MSCI All Asia ex Japan	USD \$	67.83	0.07		-0.52%	1.29%	-0.21%	-18.00%	-7.81%	-9.29%	-7.74%	22.19%	15.56%
Blackrock Int Equity Fund*	AUD \$	18.49	0.08		1.59%	0.87%	0.25%	-17.62%	-8.50%	-7.59%	24.76%	-0.61%	23.52%
Blackrock Australian Equity Fund*	AUD \$	1.61	0.03		-0.54%	0.75%	-4.35%	-17.21%	-10.96%	-0.08%	11.82%	-2.28%	19.10%
Vanguard International Share*	AUD \$	2.58	0.19		0.57%	2.21%	3.11%	-16.45%	-8.11%	-9.25%	23.54%	-0.10%	22.72%
Vanguard FTSE World exUS	USD \$	49.85	0.10		-0.54%	2.26%	0.77%	-18.65%	-13.25%	-6.02%	5.00%	8.58%	17.92%
Vanguard FTSE Europe	USD \$	52.92	0.12		-1.18%	2.90%	0.46%	-22.45%	-15.19%	-8.73%	13.28%	2.80%	20.53%
iShares Core MSCI Europe	USD \$	45.08	0.12		-1.10%	3.09%	0.56%	-22.49%	-15.81%	-8.18%	13.42%	2.83%	20.66%
iShares Asia 50	USD \$	61.35	0.07		-0.44%	1.37%	-1.33%	-19.87%	-8.58%	-10.36%	-12.17%	32.08%	19.35%
iShares MSCI Japan	USD \$	53.85	0.08		0.43%	2.12%	2.88%	-19.58%	-14.25%	-7.99%	-0.89%	14.04%	16.87%
Acadian Global Managed Volatility Equity Fund		1.49	0.02		0.52%	-1.19%	-3.87%	-13.06%	-2.24%	-4.12%	10.44%	-11.46%	8.12%
Lazard Global Managed Volatility Fund - Australia*		0.98	0.00		-0.57%	-16.20%	-13.33%	-17.93%	-0.19%	-1.62%	19.66%	-22.67%	14.95%
Robeco Emerging Conservative Equity Fund - Australia		1.27	0.00		-0.42%	-1.60%	-4.61%	-13.40%	-2.96%	-5.17%	13.49%	-15.41%	10.42%

*Lazard performance since inception 28.02.17