

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
		21-Jul-22	wk	Day	Week	Month	YTD					
Interest Rates												
Central Bank Bills												
28 days	C-bill auctions on Wednesday;	1.28%		0.04%	0.04%	0.26%	-0.01%	-0.06%	-0.21%	1.29%	1.33%	1.39%
60 days	reported Thursday/Friday	1.77%		0.11%	0.11%	0.06%	-0.22%	-0.11%	-0.17%	1.99%	2.07%	2.30%
90 days		1.89%	0.00	0.25%	0.25%	0.25%	-0.06%	-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%	0.00%	0.26%	-3.20%	-1.78%	-2.05%	5.95%	6.04%	6.04%
364 days	reported Thursday/Friday	4.14%		0.00%	0.84%	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%		0.00%	-0.22%	-0.22%	-3.50%			8.50%	8.04%	7.90%
GIS 4Y 2022-26	reported Thursday/Friday	5.74%		0.00%	0.00%	0.00%	-4.10%			-	9.84%	-
GIS 5Y 2022-27		6.38%		0.00%	0.00%	0.00%	-3.32%			9.70%	-	-
GIS 7Y 2022-29		6.20%		0.00%	-0.50%	-0.50%	-3.60%			-	-	-
GIS 8Y 2022-30		6.45%		0.00%	-0.37%	-0.37%	6.45%			9.90%	-	-
GIS 9Y 2022-31		6.70%		0.00%	-0.29%	-0.29%	-3.20%			9.90%	11.82%	10.55%
GIS 10Y 2022-32		6.80%		0.00%	-0.20%	-0.20%	-3.10%			9.90%	-	-
Kina Facility Rate												
Ten year Government Bond yields												
United States		2.87%	0.74	-0.15%	-0.08%	-0.21%	1.36%	0.67%	0.83%	1.51%	0.91%	1.92%
United Kingdom		2.05%	0.72	-0.09%	-0.05%	-0.27%	1.08%	0.62%	0.64%	0.97%	0.20%	0.82%
Australia		3.57%	0.80	0.03%	0.16%	-0.28%	1.90%	0.82%	1.17%	1.67%	0.97%	1.37%
New Zealand		3.77%	0.81	-0.01%	0.10%	-0.22%	1.39%	0.64%	0.83%	2.39%	0.99%	1.65%
France		1.82%	0.77	-0.02%	0.03%	-0.15%	1.62%	0.94%	0.78%	0.20%	-0.34%	0.12%
Japan		0.24%	0.91	-0.01%	0.00%	0.00%	0.17%	0.01%	0.15%	0.07%	0.02%	-0.01%
Australia												
RBA Cash Rate												
1.35%												
PNG CPI Index												
Latest 12 mth % change												
5.70%												
Currencies												
Percentage changes												
PGK/USD		0.2840	0.00	0.00%	0.00%	0.00%	-0.35%	0.00%	-0.35%	0.00%	-2.90%	-1.18%
PGK/AUD		0.4111	0.77	0.05%	-2.21%	-0.17%	4.66%	8.56%	-3.36%	6.19%	-11.68%	-0.48%
PGK/GBP		0.2368	0.90	0.25%	-1.25%	2.11%	12.12%	8.09%	2.41%	1.00%	-6.57%	-4.40%
PGK/NZD		0.4555	0.86	0.31%	-1.92%	0.49%	9.13%	11.85%	-2.13%	5.78%	-9.52%	-1.45%
PGK/JPY		39.250	0.98	0.08%	-0.20%	1.84%	19.63%	11.97%	5.43%	11.64%	-7.87%	-2.68%
AUD/USD		0.6909	0.21	-0.04%	2.26%	0.17%	-4.80%	-7.89%	3.10%	-5.83%	9.94%	-0.71%
USD/JPY		138.190	0.98	0.08%	-0.20%	1.83%	20.04%	11.96%	5.79%	11.63%	-5.12%	-1.53%
EUR/USD		1.0223	0.11	-0.16%	2.03%	-3.22%	-9.60%	-6.38%	-1.24%	-8.00%	9.68%	-1.94%
GBP/USD		1.1993	0.08	-0.27%	1.23%	-2.06%	-11.12%	-7.49%	-2.69%	-0.98%	3.90%	3.37%
Equity Indices												
Papua New Guinea												
Percentage changes												
KS Index		6,280.46	1.00	0.00%	0.00%	0.26%	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		7,018.40	0.31	0.62%	2.48%	4.89%	-9.78%	-13.39%	0.13%	13.55%	0.71%	19.14%
S&P/ASX 100		5,675.82	0.31	0.42%	1.89%	3.61%	-7.69%	-11.65%	1.41%	13.28%	-2.06%	18.88%
S&P/ASX 200		3,802.80	0.27	0.31%	1.61%	3.06%	-6.29%	-11.32%	3.21%	12.14%	-1.49%	15.34%
S&P/ASX 50		6,612.30	0.29	0.29%	1.55%	3.10%	-6.78%	-11.12%	2.31%	12.37%	-4.86%	19.07%
S&P/ASX 50 Accumulation		80,278.50	0.31	0.29%	1.56%	3.25%	-4.63%	-10.55%	4.00%	17.00%	-1.94%	24.43%
S&P/ASX Midcap 50		8,532.70	0.30	1.26%	4.04%	6.94%	-12.63%	-14.95%	-3.46%	18.46%	14.48%	17.68%
S&P/ASX Small Ordinaries		2,881.00	0.27	1.71%	5.27%	10.14%	-18.37%	-20.79%	-5.06%	14.24%	6.62%	17.88%
S&P/ASX 200		6,794.28	0.30	0.52%	2.16%	4.07%	-8.74%	-12.42%	0.74%	13.02%	-1.45%	18.38%
S&P/ASX 200 Accumulation		80,246.42	0.33	0.52%	2.16%	4.23%	-6.82%	-11.90%	2.24%	17.23%	1.40%	23.40%
S&P/ASX 300		6,780.45	0.30	0.56%	2.25%	4.29%	-9.03%	-12.73%	0.60%	13.38%	-1.10%	18.77%
S&P/ASX 200 Energy		10,025.00	0.70	-2.83%	2.66%	2.28%	26.89%	1.45%	25.09%	-1.97%	-29.93%	18.24%
S&P/ASX 200 Materials		14,883.40	0.11	-0.10%	0.57%	-4.98%	-11.09%	-16.19%	-1.42%	6.84%	13.37%	22.09%
S&P/ASX 200 Industrials		6,384.90	0.54	0.04%	1.22%	2.95%	-3.92%	-2.18%	-3.84%	11.24%	-14.10%	22.62%
S&P/ASX 200 Consumer Discretionary		2,938.40	0.34	1.36%	3.24%	10.57%	-16.75%	-15.08%	-10.59%	21.31%	8.63%	27.23%
S&P/ASX 200 Consumer Staples		13,422.40	0.58	0.90%	1.04%	6.02%	-0.90%	-3.40%	-1.42%	7.13%	3.57%	17.98%
S&P/ASX 200 Healthcare		43,005.40	0.52	1.62%	0.53%	9.93%	-4.82%	-1.93%	-10.65%	7.98%	2.97%	41.23%
S&P/ASX 200 Financials		6,116.90	0.41	0.97%	3.40%	6.44%	-6.42%	-14.87%	3.67%	20.20%	-9.00%	7.39%
S&P/ASX 200 Information Technology		1,537.70	0.24	3.15%	7.16%	18.95%	-28.07%	-27.19%	-14.04%	-2.79%	56.35%	31.81%
S&P/ASX 200 Telecommunication Services		1,450.50	0.37	2.08%	2.91%	6.98%	-11.01%	-10.12%	-6.92%	28.46%	0.91%	22.31%
S&P/ASX 200 Utilities		7,823.40	0.78	-0.62%	2.34%	3.85%	16.89%	0.61%	12.72%	4.56%	-21.52%	10.09%
S&P/ASX 200 A-REIT		1,403.00	0.25	-0.96%	2.29%	4.39%	-20.03%	-18.85%	-7.71%	21.61%	-7.99%	14.01%
S&P/ASX 200 Financial-x-A-REIT		6,822.40	0.41	0.97%	3.40%	6.44%	-6.42%	-14.87%	3.67%	20.20%	-8.99%	7.39%
North American												
DJIA		32,036.90	0.31	0.51%	4.59%	4.43%	-11.84%	-11.25%	-4.57%	18.73%	7.25%	22.34%
S&P 500		3,998.95	0.29	0.99%	5.50%	5.35%	-16.10%	-16.45%	-4.95%	26.89%	16.26%	28.88%
NASDAQ		12,059.61	0.26	1.36%	7.19%	7.37%	-22.92%	-22.44%	-9.10%	21.39%	43.64%	35.23%
Toronto S&P/TSX		19,062.85	0.20	0.22%	4.00%	1.85%	-10.18%	-13.84%	3.14%	21.74%	2.17%	19.13%
Europe												
FTSE		7,270.51	0.48	0.09%	3.28%	3.56%	-1.54%	-4.61%	1.78%	14.30%	-14.34%	12.10%
DAX		13,246.64	0.22	-0.27%	5.81%	2.59%	-16.61%	-11.31%	-9.25%	15.79%	3.55%	25.48%
CAC 40		6,201.11	0.26	0.27%	4.83%	5.40%	-13.31%	-11.07%	-6.89%	28.85%	-7.14%	26.37%
Asia												
Nikkei		27,803.00	0.52	0.44%	4.35%	6.23%	-3.43%	-5.13%	-3.37%	4.91%	16.01%	18.20%
Hang Seng		20,574.63	0.26	-1.51%	-0.85%	-3.29%	-12.07%	-0.62%	-5.99%	-14.08%	-3.40%	9.07%
Shanghai		3,272.00	0.47	-0.99%	-0.30%	-1.45%	-10.10%	4.50%	-10.65%	4.80%	13.87%	22.30%
Sensex		55,681.95	0.42	0.51%	4.24%	6.54%	-4.41%	-9.48%	0.54%	21.99%	15.75%	14.38%

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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

		21-Jul-22	52 Movement for the period				Q2 2022	Q1 2022	2021	2020	2019		
			wk	Day	Week	Month						YTD	
Indices													
MSCI World USD Index		2,663.84	0.23	0.75%	5.67%	4.50%	-17.57%	-16.60%	-5.53%	20.14%	14.06%	25.19%	
MSCI World Net TR USD Index		8,117.64	0.25	0.76%	5.68%	4.59%	-16.79%	-15.26%	-5.15%	21.82%	15.90%	27.67%	
MSCI ACWI-ex-Australia TR AUD Index		13,296.83	0.32	0.87%	2.71%	5.83%	-12.45%	-7.41%	-8.42%	29.58%	5.73%	27.97%	
MSCI ACWI Net TR USD Index		323.12	0.22	0.72%	5.33%	4.07%	-16.95%	-14.72%	-5.36%	18.54%	16.25%	26.60%	
MSCI ACWI Minimum Volatility USD		2,114.97	0.24	0.44%	1.70%	1.50%	-12.13%	-9.77%	-3.40%	11.95%	0.56%	18.50%	
MSCI EM Asia Net TR USD Index		590.00	0.08	0.34%	1.97%	0.12%	-17.86%	-8.32%	-8.69%	-5.08%	28.38%	19.24%	
MSCI EM Net TR USD Index		497.95	0.09	0.43%	2.66%	0.15%	-18.14%	-10.36%	-6.97%	-2.54%	18.31%	18.42%	
VIX Volatility S&P500		23.11	0.38	-3.22%	-12.46%	-20.45%	34.20%	39.64%	19.40%	-24.31%	65.09%	-45.79%	
Commodities													
Light Crude WTI Futures	US\$/bbl	96.35	0.54	-5.78%	0.60%	-7.60%	27.38%	5.46%	32.58%	55.89%	-20.54%	34.46%	
Brent Crude	US\$/bbl	103.86	0.60	-2.86%	4.80%	-5.62%	32.85%	6.39%	38.03%	50.93%	-21.52%	22.68%	
Gold	US\$/oz	1,731.30	0.08	0.79%	1.49%	-5.38%	-5.49%	-7.51%	6.67%	-3.34%	24.42%	18.87%	
Silver	US\$/oz	18.72	0.06	0.27%	2.71%	-11.25%	-20.06%	-19.02%	7.34%	-11.35%	47.38%	15.32%	
Copper	US\$/lb	3.30	0.05	-0.80%	2.71%	-11.96%	-26.22%	-21.91%	6.26%	27.05%	25.81%	6.31%	
Iron Ore	US\$/mt	91.91	0.10	0.00%	-10.38%	-16.99%	-18.41%	-16.56%	24.13%	-27.05%	81.97%	20.45%	
Malaysian Palm Oil* RM/tn		3,707	0.01	-5.26%	1.76%	-23.88%	-28.14%	-20.39%	23.88%	32.59%	27.95%	51.75%	
LNG *Jap/Korea	US\$/mmBtu	38.10	0.63	-0.20%	-2.86%	2.60%	24.92%	9.10%	16.20%	113.25%	169.81%	-41.08%	
ICCO Cocoa	US\$/mt	2,304	0.18	-2.70%	4.82%	-3.15%	-8.57%	-13.55%	5.16%	-3.19%	2.48%	5.13%	
ICO Coffee	US cents/lb	216	0.50	-1.05%	8.36%	-7.14%	-4.53%	3.18%	0.13%	76.30%	-1.12%	27.34%	
Equities													
Domestic													
PGK K													
Arbitrage													
PNGX													
Bank South Pacific		11.80	12.41	0.27	-0.08%	0.00%	0.08%	1.31%	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		2.10	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		28.70	35.46		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited		17.64	19.10	1.60	0.00%	0.00%		2.70%					
Australia													
A2 Milk Company Limited		4.48	0.15	0.45%	-1.10%	5.41%	-17.95%	-15.90%	-4.40%	-52.31%	-19.93%	38.57%	
ANZ Banking Group Limited		21.93	0.09	2.15%	0.00%	-0.63%	-20.28%	-20.18%	0.33%	21.19%	-7.84%	0.70%	
BSP Financial Group		4.85	0.43	0.00%	-1.02%	0.83%	13.58%	3.13%	12.41%	-17.88%			
BHP Billiton Limited		36.79	0.07	-0.86%	-1.63%	-9.16%	-11.35%	-20.29%	24.70%	-2.19%	9.02%	13.70%	
Boral Limited		2.81	0.06	1.81%	7.66%	1.08%	-53.93%	-25.14%	-43.28%	23.23%	10.49%	-9.31%	
Bougainville Copper Limited		0.33	0.05	0.00%	-2.94%	-1.49%	8.20%	-56.00%	145.90%	5.17%	-10.77%	103.13%	
Bank of Queensland		7.42	0.29	2.20%	6.46%	10.25%	-8.28%	-23.16%	7.29%	4.52%	6.76%	-25.26%	
Brambles Limited		11.45	0.67	0.53%	2.05%	7.51%	7.71%	8.07%	-6.77%	0.28%	-9.56%	15.47%	
Commonwealth Bank of Australia		97.62	0.45	1.67%	4.72%	8.77%	-3.35%	-14.55%	4.72%	23.01%	2.77%	10.37%	
CSL		295.24	0.70	1.38%	-0.32%	10.37%	1.55%	0.34%	-7.76%	2.66%	2.69%	48.93%	
Fortescue Mining		17.70	0.31	-1.12%	1.67%	2.61%	-7.86%	-15.15%	7.55%	-18.01%	119.18%	155.13%	
Horizon Oil Ltd		0.13	0.68	0.00%	0.00%	13.04%	41.30%	8.00%	35.87%	48.39%	-48.33%	20.00%	
Kina Securities Ltd		0.87	0.30	-1.14%	0.00%	6.13%	1.17%	-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		174.90	0.34	0.42%	2.28%	6.91%	-14.85%	-19.07%	-1.04%	48.32%	0.46%	26.88%	
Mirvac Group		2.09	0.10	-2.34%	2.96%	0.00%	-28.18%	-20.68%	-14.43%	10.23%	-16.98%	41.96%	
National Australia Bank		29.66	0.50	0.03%	4.81%	9.33%	2.84%	-15.33%	12.17%	27.61%	-8.24%	2.33%	
Newcrest Mining Limited		19.35	0.08	1.63%	0.78%	-16.88%	-20.96%	-21.88%	9.23%	-5.04%	-14.78%	38.76%	
Origin Energy Ltd		5.67	0.52	-0.87%	2.53%	2.16%	8.21%	-8.03%	18.89%	10.08%	-43.67%	30.60%	
Pilbara Minerals Ltd		2.56	0.38	3.23%	4.49%	24.88%	-20.00%	-28.44%	0.00%	267.82%	210.71%	-55.20%	
Qbe Insurance Group Ltd		11.64	0.57	-0.51%	-0.43%	-3.32%	2.56%	5.65%	1.32%	33.06%	-33.77%	27.52%	
Rio Tinto Limited		95.83	0.18	-2.01%	-0.19%	-6.63%	-4.28%	-13.78%	18.98%	-12.05%	13.38%	27.95%	
ResMed Inc		33.29	0.44	2.49%	2.49%	12.28%	-6.96%	-5.34%	-9.39%	31.40%	24.34%	37.56%	
Santos Limited		7.25	0.47	-1.89%	3.87%	-1.36%	14.90%	-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		11.07	0.32	-2.12%	-0.36%	2.41%	0.00%	-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		14.12	0.75	-1.40%	-1.40%	0.14%	2.17%	6.13%	-1.95%	1.17%	-8.38%	27.98%	
Telstra Corporation Limited		4.01	0.53	1.52%	2.04%	4.70%	-4.07%	-2.78%	-5.26%	40.27%	-15.82%	24.21%	
Treasury Wine Estates Limited		11.70	0.44	0.86%	1.74%	5.60%	-5.49%	-1.99%	-6.46%	31.70%	-42.12%	9.73%	
Westpac Banking Corporation		20.84	0.23	1.51%	4.51%	6.22%	-2.39%	-19.55%	13.54%	10.22%	-20.06%	-3.23%	
Worley Limited		13.92	0.76	0.94%	4.04%	2.43%	30.95%	10.30%	21.45%	-7.48%	-24.95%	34.06%	
Woolworths Limited		37.50	0.51	0.97%	0.91%	7.11%	-1.34%	-4.46%	-1.97%	-3.31%	8.71%	22.91%	
International													
iShare MSCI All Asia ex Japan	USD \$	68.50	0.09	1.00%	2.98%	0.07%	-17.18%	-7.81%	-9.29%	-7.74%	22.19%	15.56%	
Blackrock Int Equity Fund*	AUD \$	18.60	0.11	0.57%	2.21%	0.39%	-17.15%	-8.50%	-7.59%	24.76%	-0.61%	23.52%	
Blackrock Australian Equity Fund*	AUD \$	1.64	0.11	1.65%	2.16%	-2.50%	-15.84%	-10.96%	-0.08%	11.82%	-2.28%	19.10%	
Vanguard International Share*	AUD \$	2.61	0.23	0.87%	3.10%	3.56%	-15.72%	-8.11%	-9.25%	23.54%	-0.10%	22.72%	
Vanguard FTSE World exUS	USD \$	50.39	0.14	1.08%	4.67%	1.94%	-17.77%	-13.25%	-6.02%	5.00%	8.58%	17.92%	
Vanguard FTSE Europe	USD \$	53.59	0.15	1.27%	5.95%	2.35%	-21.47%	-15.19%	-8.73%	13.28%	2.80%	20.53%	
iShares Core MSCI Europe	USD \$	45.64	0.15	1.24%	6.07%	2.38%	-21.53%	-15.81%	-8.18%	13.42%	2.83%	20.66%	
iShares Asia 50	USD \$	61.98	0.09	1.03%	3.70%	-0.48%	-19.04%	-8.58%	-10.36%	-12.17%	32.08%	19.35%	
iShares MSCI Japan	USD \$	54.53	0.11	1.26%	4.44%	3.55%	-18.56%	-14.25%	-7.99%	-0.89%	14.04%	16.87%	
Acadian Global Managed Volatility Equity Fund		1.49	0.02	-0.01%	-0.59%	-4.27%	-13.06%	-2.24%	-4.12%	10.44%	-11.46%	8.12%	
Lazard Global Managed Volatility Fund - Australia*		0.98	0.01	0.12%	-0.97%	-13.69%	-17.83%	-0.19%	-1.62%	19.66%	-22.67%	14.95%	
Robeco Emerging Conservative Equity Fund - Australia		1.27	0.01	0.20%	-1.12%	-4.24%	-13.23%	-2.96%	-5.17%	13.49%	-15.41%	10.42%	

*Lazard performance since inception 28.02.17

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