

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	52	Movement for the period				Q1 2023	Q4 2022	2022	2021	2020
		06-Apr-23	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;	2.23%		0.09%	0.09%	0.36%	0.27%	0.18%	0.29%	1.96%	1.29%	1.33%
60 days	reported Thursday/Friday	2.50%		0.04%	0.04%	0.21%	0.02%	-0.02%	0.37%	2.48%	1.99%	2.07%
90 days		2.61%	0.00	0.09%	0.09%	0.25%	-0.11%	-0.20%	0.65%	2.72%	1.95%	2.04%
Treasury Bills												
182 days	Tbill auctions are irregular Wednesdays	2.00%	0.55	0.00%	0.01%	0.01%	-0.69%	-0.70%	1.48%	2.69%	4.29%	4.41%
273 days		2.16%	0.00	0.00%	0.02%	0.06%	-0.79%	-0.81%	0.29%	2.95%	5.95%	6.04%
364 days	reported Thursday/Friday	3.01%		0.00%	0.06%	0.39%	-1.26%	-1.32%	0.28%	4.27%	7.04%	7.20%
Government Inscribed Stock												
GIS 2Y 2022-24	GIS auctions usually monthly	4.20%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.17%	4.20%	8.50%	8.04%
GIS 4Y 2022-26	reported Thursday/Friday	5.16%		0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	5.16%	9.84%	9.84%
GIS 5Y 2022-27		5.24%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.02%	5.24%	9.70%	9.86%
GIS 7Y 2022-29		5.56%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.35%	5.56%	9.80%	10.02%
GIS 8Y 2022-30		5.44%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.74%	5.44%	-	-
GIS 9Y 2022-31		5.44%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.96%	5.44%	9.90%	11.82%
GIS 10Y 2022-32		5.44%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.91%	5.44%	9.90%	12.53%
Kina Facility Rate												
		3.50%	1.00	0.00%	0.00%	0.00%	0.25%	0.25%	0.25%	3.25%	3.00%	3.00%
Ten year Government Bond yields												
United States		3.31%	0.44	-0.01%	-0.24%	-0.60%	-0.57%	-0.41%	0.05%	3.87%	1.51%	0.91%
United Kingdom		3.43%	0.62	0.00%	-0.09%	-0.36%	-0.24%	-0.18%	-0.42%	3.67%	0.97%	0.20%
Australia		3.19%	0.17	-0.09%	-0.17%	-0.52%	-0.87%	-0.75%	0.17%	4.05%	1.67%	0.97%
New Zealand		3.94%	0.45	-0.08%	-0.25%	-0.60%	-0.53%	-0.28%	0.7%	4.47%	2.39%	0.99%
France		2.70%	0.73	0.02%	-0.18%	-0.44%	-0.41%	-0.32%	0.40%	3.12%	0.20%	-0.34%
Japan		0.47%	0.85	-0.01%	0.14%	-0.03%	0.05%	-0.07%	0.18%	0.42%	0.07%	0.02%
Australia RBA Cash Rate												
		3.60%		0.00%	0.00%	0.00%	0.50%	0.50%	0.75%	3.10%	0.10%	0.10%
PNG CPI Index												
	Latest 12 mth % change	6.30%						0.60%	0.00%	5.70%	4.60%	3.10%
Currencies												
Percentage changes												
PGK/USD		0.2840		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.35%	0.00%	-2.90%
PGK/AUD		0.4242	0.58	0.62%	0.14%	-1.30%	1.24%	1.03%	-4.08%	6.67%	6.19%	-11.68%
PGK/GBP		0.2281	0.18	0.31%	-1.00%	-4.80%	-3.22%	-2.67%	-7.68%	11.60%	1.00%	-6.57%
PGK/NZD		0.4521	0.03	1.01%	-84.71%	-2.52%	0.71%	0.74%	-9.48%	7.55%	5.78%	-9.52%
PGK/JPY		37.300	0.24	-0.16%	-0.90%	-3.99%	-0.93%	0.27%	-8.26%	14.75%	11.64%	-7.87%
USD/AUD		0.6695	0.37	-0.62%	-0.15%	1.32%	-1.22%	-1.00%	4.23%	-6.60%	-5.83%	9.94%
USD/JPY		131.340	0.24	-0.15%	-0.89%	-3.97%	-0.91%	0.27%	-8.28%	15.13%	11.63%	-5.12%
USD/EUR		1.0899	0.92	-0.52%	0.52%	3.29%	2.34%	2.28%	8.41%	-5.83%	-8.00%	9.68%
USD/GBP		1.2453	0.73	-0.31%	1.02%	5.04%	3.35%	2.76%	8.29%	-10.71%	-0.98%	3.90%
Equity Indices												
Papua New Guinea												
KSI Index		6,286.75	0.96	0.00%	0.00%	0.12%	0.14%	0.14%	-0.03%	7.10%	-3.09%	-3.42%
KSI Home Index		16,013.15	1.00	0.00%	0.00%	2.75%	5.90%	5.90%	-1.25%	5.07%	8.11%	1.50%
Australia												
All Ordinaries		7,412.01	0.63	-0.30%	1.36%	-1.36%	2.64%	2.10%	8.13%	-7.17%	13.55%	0.71%
S&P/ASX 100		6,056.21	0.70	-0.19%	1.34%	-1.30%	2.55%	1.97%	8.64%	-3.95%	13.28%	-2.06%
S&P/ASX 20		4,059.40	0.66	-0.03%	1.11%	-1.26%	1.89%	1.71%	9.26%	-1.83%	12.14%	-1.49%
S&P/ASX 50		7,083.10	0.72	-0.09%	1.35%	-1.18%	2.96%	2.46%	8.95%	-3.01%	12.37%	-4.86%
S&P/ASX 50 Accumulation		89,674.80	0.85	-0.09%	1.35%	-1.17%	4.56%	4.05%	9.66%	1.89%	17.00%	-1.94%
S&P/ASX Midcap 50		8,876.10	0.58	-0.83%	1.28%	-2.10%	-0.12%	-1.15%	6.69%	-9.00%	18.46%	14.48%
S&P/ASX Small Ordinaries		2,844.60	0.32	-0.81%	1.59%	-1.24%	1.66%	0.90%	6.98%	-20.72%	14.24%	6.62%
S&P/ASX 200		7,218.98	0.68	-0.25%	1.36%	-1.26%	2.56%	1.98%	8.72%	-5.45%	13.02%	-1.45%
S&P/ASX 200 Accumulation		88,645.97	0.82	-0.25%	1.36%	-1.19%	4.06%	3.46%	9.40%	-1.08%	17.23%	1.40%
S&P/ASX 300		7,174.46	0.64	-0.26%	1.37%	-1.29%	2.45%	1.86%	8.46%	-6.05%	13.38%	-1.10%
S&P/ASX 200 Energy		10,688.50	0.46	-0.69%	1.37%	-3.12%	-3.16%	-5.27%	7.61%	39.71%	-1.97%	-29.93%
S&P/ASX 200 Materials		18,002.80	0.72	-0.58%	-0.90%	-1.65%	2.63%	5.51%	15.04%	4.79%	6.84%	13.37%
S&P/ASX 200 Industrials		6,712.50	0.98	-0.32%	1.77%	0.81%	7.67%	5.79%	6.49%	-6.18%	11.24%	-14.10%
S&P/ASX 200 Consumer Discretionary		3,043.30	0.93	-1.19%	1.89%	-0.31%	11.46%	9.87%	3.92%	-22.65%	21.31%	8.63%
S&P/ASX 200 Consumer Staples		13,548.90	0.74	0.47%	1.75%	2.00%	8.02%	6.13%	1.65%	-7.39%	7.13%	3.57%
S&P/ASX 200 Healthcare		44,279.00	0.93	1.68%	4.96%	3.73%	6.99%	3.05%	1.83%	-8.41%	7.98%	2.97%
S&P/ASX 200 Financials		6,193.50	0.46	-0.19%	1.58%	-3.49%	-2.59%	-3.59%	9.49%	-2.72%	20.20%	-9.00%
S&P/ASX 200 Information Technology		1,536.50	0.54	-2.14%	2.49%	-2.04%	9.32%	7.55%	2.46%	-34.25%	-2.79%	56.35%
S&P/ASX 200 Telecommunication Services		1,541.60	0.99	-0.10%	2.02%	3.35%	9.25%	7.44%	4.39%	-13.43%	28.46%	0.91%
S&P/ASX 200 Utilities		8,518.30	0.95	1.23%	1.97%	3.94%	2.48%	0.70%	26.77%	24.19%	4.56%	-21.52%
S&P/ASX 200 A-REIT		1,342.00	0.32	-1.40%	1.36%	-5.39%	0.64%	-0.16%	9.74%	-24.00%	21.61%	-7.99%
S&P/ASX 200 Financial-x-A-REIT		6,907.80	0.46	-0.19%	1.58%	-3.49%	-2.59%	-3.59%	9.49%	-2.72%	20.20%	-8.99%
North American												
DJIA		33,485.29	0.74	0.01%	1.91%	3.81%	1.02%	0.38%	15.39%	-8.78%	18.73%	7.25%
S&P 500		4,105.02	0.60	0.36%	1.34%	4.76%	6.92%	7.03%	7.08%	-19.44%	26.89%	16.26%
NASDAQ		12,087.96	0.55	0.76%	0.62%	6.61%	15.49%	16.77%	-1.03%	-33.10%	21.39%	43.64%
Toronto S&P/TSX		20,196.69	0.52	0.18%	1.28%	0.55%	4.19%	3.69%	5.10%	-8.66%	21.74%	2.17%
Europe												
FTSE		7,741.56	0.77	1.03%	1.59%	-1.76%	3.89%	2.42%	8.09%	0.91%	14.30%	-14.34%
DAX		15,597.89	0.98	0.50%	0.49%	-0.23%	12.02%	12.25%	14.93%	-12.35%	15.79%	3.55%
CAC 40		7,324.75	0.97	0.12%	0.85%	0.12%	13.15%	13.11%	12.35%	-9.50%	28.85%	-7.14%
Asia												
Nikkei		27,472.63	0.50	-1.22%	-1.12%	-4.02%	5.28%	7.46%	0.61%	-9.37%	4.91%	16.01%
Hang Seng		20,331.20	0.71	0.28%	0.11%	2.03%	2.78%	3.13%	14.86%	-15.46%	-14.08%	-3.40%
Shanghai		3,312.63	0.82	0.00%	1.58%	1.12%	7.23%	5.94%	2.14%	-15.13%	4.80%	13.87%
Sensex		59,832.97	0.71	0.24%	3.23%	0.04%	-1.66%	-3.04%	5.94%	4.44%	21.99%	15.75%

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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

12-Apr-23

	06-Apr-23	52 wk	Movement for the period				Q1 2023	Q4 2022	2022	2021	2020		
			Day	Week	Month	YTD							
Indices													
MSCI World USD Index	2,790.10	0.67	0.22%	1.10%	2.38%	7.20%	7.25%	9.42%	-19.46%	20.14%	14.06%		
MSCI World Net TR USD Index	8,602.58	0.74	0.24%	1.15%	2.63%	7.72%	7.73%	9.77%	-18.14%	21.82%	15.90%		
MSCI ACWI-ex-Australia TR AUD Index	14,571.98	1.00	0.92%	2.22%	1.76%	9.68%	9.20%	3.95%	-12.52%	29.58%	5.73%		
MSCI ACWI Net TR USD Index	340.58	0.72	0.17%	1.01%	2.45%	7.24%	7.31%	9.76%	-18.36%	18.54%	16.25%		
MSCI ACWI Minimum Volatility USD	2,167.50	0.57	0.11%	2.02%	4.83%	2.38%	1.01%	8.15%	-12.04%	11.95%	0.56%		
MSCI EM Asia Net TR USD Index	589.19	0.68	-0.38%	-0.11%	1.38%	3.98%	4.81%	10.83%	-21.11%	-5.08%	28.38%		
MSCI EM Net TR USD Index	502.58	0.59	-0.34%	-0.08%	0.98%	3.40%	3.96%	9.70%	-20.09%	-2.54%	18.31%		
VIX Volatility S&P500	18.40	0.03	-3.56%	-3.26%	-18.62%	-15.09%	-13.71%	-31.47%	25.84%	-24.31%	65.09%		
Commodities													
Light Crude WTI Futures	80.70	0.25	0.11%	8.51%	6.58%	0.55%	-5.72%	0.97%	6.11%	55.89%	-20.54%		
Brent Crude	85.12	0.24	0.15%	7.38%	4.39%	-0.92%	-7.15%	-2.33%	9.89%	50.93%	-21.52%		
Gold	2,026.40	0.97	-0.45%	1.44%	10.45%	10.96%	8.76%	9.22%	-0.31%	-3.34%	24.42%		
Silver	25.09	0.87	0.22%	4.60%	24.44%	4.38%	0.48%	26.27%	2.67%	-11.35%	47.38%		
Copper	4.02	0.50	0.73%	-1.86%	-0.58%	5.38%	7.45%	11.66%	-14.77%	27.05%	25.81%		
Iron Ore	117.18	0.59	-3.76%	-1.16%	-1.61%	7.87%	11.66%	13.77%	-3.57%	-27.05%	81.97%		
Malaysian Palm Oil* RM/tn	4,191	0.23	-0.33%	1.92%	0.60%	0.48%	-2.71%	25.37%	-19.15%	32.59%	27.95%		
LNG *Jap/Korea	12.63	0.06	-0.43%	-0.59%	-11.77%	-57.23%	-54.21%	-23.78%	-3.21%	113.25%	169.81%		
ICCO Cocoa	2,919	0.98	0.55%	0.07%	8.03%	12.27%	12.81%	10.45%	3.17%	-3.19%	2.48%		
ICO Coffee	184	0.40	1.92%	8.13%	3.15%	9.74%	1.91%	-24.49%	-26.01%	76.30%	-1.12%		
Equities													
Domestic													
			Percentage changes										
Domestic	PGK	Arbitrage	PNGX										
Bank South Pacific	11.20		12.80	0.79	0.00%	0.00%	2.40%	3.14%	3.14%	0.00%	1.31%	2.08%	1.87%
Credit Corporation			2.00	1.00	0.00%	0.00%	5.26%	8.11%	8.11%	0.00%	10.12%	-1.18%	6.25%
City Pharmacy			0.95	0.40	0.00%	0.00%	0.00%	5.56%	5.56%	-5.26%	-5.26%	90.00%	-38.27%
Kina Asset Management Limited			0.80		0.00%	0.00%	-15.79%	-15.79%	-15.79%	0.00%	-4.04%	10.00%	-5.26%
Kina Securities Limited	1.70		2.50	0.02	0.00%	0.00%	-7.41%	-9.09%	-9.09%	-5.17%	-6.78%	-1.67%	-10.98%
Steamship Trading Company	21.38		35.46		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited	16.83		19.10	0.98	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Australia													
A2 Milk Company Limited			5.72	0.56	-1.04%	-1.38%	-16.13%	-16.86%	-15.55%	27.41%	26.01%	-52.31%	-19.93%
ANZ Banking Group Limited			23.19	0.30	-0.47%	1.40%	-5.31%	-2.52%	-3.61%	4.34%	-13.52%	21.19%	-7.84%
BSP Financial Group			4.75	0.26	-2.66%	-2.86%	-4.43%	-3.06%	-0.41%	-2.00%	14.75%	-17.88%	
BHP Billiton Limited			45.05	0.52	-0.42%	-2.24%	-3.31%	-1.27%	3.51%	18.46%	9.95%	-2.19%	9.02%
Boral Limited			3.67	0.80	0.00%	2.51%	-3.67%	26.99%	21.80%	8.24%	-52.62%	23.23%	10.49%
Bougainville Copper Limited			0.33	0.17	6.45%	-2.94%	-5.71%	-5.71%	-5.71%	25.00%	14.75%	5.17%	-10.77%
Bank of Queensland			6.42	0.02	-0.93%	-1.38%	-7.76%	-6.96%	-5.94%	5.99%	-14.71%	4.52%	6.76%
Brambles Limited			13.69	1.00	0.59%	1.86%	1.78%	13.42%	11.27%	5.78%	13.55%	0.28%	-9.56%
Commonwealth Bank of Australia			99.01	0.49	-0.05%	1.29%	0.29%	-3.50%	-4.17%	13.12%	1.58%	23.01%	2.77%
CSL			300.18	0.76	2.24%	5.14%	3.33%	4.32%	0.19%	0.96%	-1.02%	2.66%	2.69%
Fortescue Mining			21.57	0.80	-0.09%	-0.19%	-2.44%	5.17%	9.65%	21.94%	6.77%	-18.01%	119.18%
Horizon Oil Ltd			0.18	1.00	0.00%	2.94%	0.00%	34.62%	30.77%	-11.86%	41.30%	48.39%	-48.33%
Kina Securities Ltd			0.72	0.02	0.00%	0.00%	-4.00%	-7.10%	-3.87%	-8.82%	-9.36%	-5.00%	-39.60%
Kina Petroleum Ltd			0.06		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Macquarie Group Ltd			176.95	0.43	-0.68%	3.02%	-7.25%	5.98%	5.21%	9.31%	-18.71%	48.32%	0.46%
Mirvac Group			2.16	0.49	0.93%	4.35%	-4.42%	1.41%	-2.35%	9.51%	-26.80%	10.23%	-16.98%
National Australia Bank			27.88	0.26	-0.57%	0.76%	-6.72%	-7.25%	-7.78%	4.34%	4.23%	27.61%	-8.24%
Newcrest Mining Limited			28.28	0.96	0.89%	6.44%	21.53%	37.02%	30.09%	21.99%	-15.69%	-5.04%	-14.78%
Origin Energy Ltd			8.29	0.98	0.36%	0.00%	1.72%	7.38%	7.38%	49.32%	47.33%	10.08%	-43.67%
Pilbara Minerals Ltd			3.61	0.45	-3.22%	-9.52%	-15.65%	-3.73%	5.07%	-17.76%	17.19%	267.82%	210.71%
Qbe Insurance Group Ltd			14.84	0.88	-0.47%	2.13%	-3.01%	10.50%	8.64%	16.48%	18.33%	33.06%	-33.77%
Rio Tinto Limited			116.31	0.70	-0.27%	-0.80%	-4.06%	-0.09%	3.20%	24.65%	16.28%	-12.05%	13.38%
ResMed Inc			33.13	0.68	0.85%	2.95%	3.05%	7.01%	4.62%	-8.48%	-13.47%	31.40%	24.34%
Santos Limited			7.14	0.20	-0.28%	2.29%	-3.51%	0.00%	-3.36%	0.71%	13.15%	0.64%	-23.35%
Steamship Trading Company			9.07	0.02	0.00%	0.00%	0.00%	-13.62%	-13.62%	3.96%	5.00%	1.52%	-21.20%
Suncorp Metway Limited			12.37	0.78	1.14%	2.57%	-4.70%	2.74%	0.58%	20.04%	8.76%	13.66%	-24.85%
Transurban Group			14.63	0.94	0.48%	2.96%	3.47%	12.71%	9.48%	5.19%	-6.08%	1.17%	-8.38%
Telstra Corporation Limited.			4.27	1.00	0.23%	1.67%	3.14%	7.02%	5.76%	3.64%	-4.55%	40.27%	-15.82%
Treasury Wine Estates Limited			13.14	0.59	-1.43%	0.84%	-1.57%	-3.45%	-3.97%	8.27%	9.94%	31.70%	-42.12%
Westpac Banking Corporation			21.77	0.47	-0.05%	0.37%	-2.73%	-6.77%	-7.24%	13.13%	9.37%	10.22%	-20.06%
Worley Limited			15.00	0.75	0.20%	5.56%	-3.97%	0.00%	-3.93%	17.83%	41.11%	-7.48%	-24.95%
Woolworths Limited			39.03	0.94	1.38%	2.58%	5.00%	16.30%	12.93%	-1.15%	-11.71%	-3.31%	8.71%
International													
iShare MSCI All Asia ex Japan	USD \$		67.75	0.66	0.44%	-0.35%	4.36%	4.54%	4.72%	10.54%	-21.64%	-7.74%	22.19%
Blackrock Int Equity Fund*	AUD \$		20.60	1.00	0.45%	2.23%	1.80%	9.12%	7.25%	4.41%	-15.90%	24.76%	-0.61%
Blackrock Australian Equity Fund*	AUD \$		1.76	0.47	0.16%	2.01%	-1.16%	1.92%	0.96%	7.01%	-11.03%	11.82%	-2.28%
Vanguard International Share*	AUD \$		2.81	0.98	0.92%	1.50%	1.07%	8.32%	8.60%	3.54%	-16.11%	23.54%	-0.10%
Vanguard FTSE World exUS	USD \$		53.65	0.75	0.32%	0.64%	3.15%	7.00%	6.64%	13.03%	-18.18%	5.00%	8.58%
Vanguard FTSE Europe	USD \$		61.57	0.97	0.85%	1.28%	4.11%	11.06%	9.94%	20.13%	-18.76%	13.28%	2.80%
iShares Core MSCI Europe	USD \$		52.89	0.99	0.86%	1.32%	4.53%	11.35%	10.27%	20.13%	-18.33%	13.42%	2.83%
iShares Asia 50	USD \$		61.23	0.71	0.39%	-1.43%	6.49%	7.91%	9.08%	13.66%	-25.89%	-12.17%	32.08%
iShares MSCI Japan	USD \$		57.81	0.89	-0.43%	-0.29%	0.59%	6.19%	7.81%	11.44%	-18.70%	-0.89%	14.04%
Acadian Global Managed Volatility Equity Fund			1.65	0.87	1.60%	2.46%	3.84%	6.58%	4.24%	3.30%	-9.88%	10.44%	-11.46%
Lazard Global Managed Volatility Fund - Australia*			1.07	0.42	1.54%	2.54%	3.09%	4.34%	1.89%	5.15%	-13.72%	19.66%	-22.67%
Robeco Emerging Conservative Equity Fund - Australia			1.41	0.88	1.49%	0.86%	0.48%	6.66%	6.12%	3.18%	-10.12%	13.49%	-15.41%

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