

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

09-May-23

		Closing prices 08-May-23	52 wk	Movement for the period				Q1 2023	Q4 2022	2022	2021	2020		
		Change to today's price from closing prices of prior period						For interest rates, rate at end of each respective year reported.						
								Day	Week	Month	YTD			
Interest Rates														
Central Bank Bills														
28 days	C-bill auctions on Wednesday;	2.35%		0.00%	-0.01%	0.12%	0.39%	0.18%	0.29%	1.96%	1.29%	1.33%		
60 days	reported Thursday/Friday	2.67%		0.00%	0.00%	0.17%	0.19%	-0.02%	0.37%	2.48%	1.99%	2.07%		
90 days		2.82%	0.00	0.00%	-0.01%	0.21%	0.10%	-0.20%	0.65%	2.72%	1.95%	2.04%		
Treasury Bills														
182 days	Tbill auctions are irregular Wednesdays	2.09%	0.61	0.00%	0.02%	0.09%	-0.60%	-0.70%	1.48%	2.69%	4.29%	4.41%		
273 days		2.39%	0.00	0.00%	0.02%	0.23%	-0.56%	-0.81%	0.29%	2.95%	5.95%	6.04%		
364 days	reported Thursday/Friday	3.06%		0.00%	0.00%	0.05%	-1.21%	-1.32%	0.28%	4.27%	7.04%	7.20%		
Government Inscribed Stock														
GIS 2Y 2023-25	GIS auctions usually monthly	4.37%		0.00%	0.00%	0.17%	0.17%	0.00%	-0.17%	4.20%	8.50%	8.04%		
GIS 3Y 2023-26		4.46%		0.00%	0.00%	-4.54%	-4.54%	0.00%	0.00%	9.00%	9.00%			
GIS 4Y 2023-27	reported Thursday/Friday	4.87%		0.00%	0.00%	-0.29%	-0.29%	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 6Y 2023-29		5.33%		0.00%	0.00%	5.33%	5.33%	0.00%	0.00%	0.00%	0.00%	0.00%		
GIS 7Y 2023-30		5.39%		0.00%	0.00%	-0.17%	-0.17%	0.00%	-0.35%	5.56%	9.80%	10.02%		
GIS 8Y 2023-31		5.44%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.74%	5.44%	-	-		
GIS 9Y 2023-32		5.62%		0.00%	0.00%	0.18%	0.18%	0.00%	-0.96%	5.44%	9.90%	11.82%		
GIS 10Y 2023-33		5.75%		0.00%	0.00%	0.31%	0.31%	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		3.51%	0.56	0.07%	-0.06%	0.09%	-0.37%	-0.41%	0.05%	3.87%	1.51%	0.91%		
United Kingdom		3.78%	0.75	0.00%	0.06%	0.35%	0.11%	-0.18%	-0.42%	3.67%	0.97%	0.20%		
Australia		3.40%	0.35	0.08%	0.05%	0.21%	-0.65%	-0.75%	0.17%	4.05%	1.67%	0.97%		
New Zealand		4.14%	0.59	0.06%	0.10%	0.19%	-0.34%	-0.28%	0.17%	4.47%	2.39%	0.99%		
France		2.91%	0.83	0.03%	0.02%	0.21%	-0.21%	-0.32%	0.40%	3.12%	0.20%	-0.34%		
Japan		0.42%	0.70	0.00%	0.01%	-0.05%	0.00%	-0.07%	0.18%	0.42%	0.07%	0.02%		
Australia														
	RBA Cash Rate	3.85%		0.00%	0.25%	0.25%	0.75%	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		0.4192	0.43	-0.62%	-2.01%	-1.18%	0.05%	1.03%	-4.08%	6.67%	6.19%	-11.68%		
PGK/GBP		0.2246	0.00	-0.35%	-0.71%	-1.53%	-4.71%	-2.67%	-7.68%	11.60%	1.00%	-6.57%		
PGK/NZD		0.4501	0.03	-0.07%	-1.96%	-0.44%	0.27%	0.74%	-9.48%	7.55%	5.78%	-9.52%		
USD/JPY		38.260	0.34	0.55%	-1.62%	2.57%	1.62%	0.27%	-8.26%	14.75%	11.64%	-7.87%		
USD/AUD		0.6776	0.53	0.62%	2.06%	1.21%	-0.03%	-1.00%	4.23%	-6.60%	-5.83%	9.94%		
USD/JPY		134.720	0.34	0.55%	-1.61%	2.57%	1.64%	0.27%	-8.28%	15.13%	11.63%	-5.12%		
USD/EUR		1.1039	0.97	0.02%	0.31%	1.28%	3.65%	2.28%	8.41%	-5.83%	-8.00%	9.68%		
USD/GBP		1.2648	1.00	0.36%	0.75%	1.57%	4.97%	2.76%	8.29%	-10.71%	-0.98%	3.90%		
Equity Indices														
Percentage changes														
Papua New Guinea														
KS Index		6,286.14	0.95	-0.03%	-0.05%	-0.01%	0.13%	0.14%	-0.03%	7.10%	-3.09%	-3.42%		
KS Home Index		15,599.30	0.47	0.00%	-3.39%	-2.58%	3.16%	5.90%	-1.25%	5.07%	8.11%	1.50%		
Australia														
All Ordinaries		7,472.08	0.74	0.80%	-0.69%	0.81%	3.47%	2.10%	8.13%	-7.17%	13.55%	0.71%		
S&P/ASX 100		6,092.66	0.74	0.78%	-0.91%	0.60%	3.16%	1.97%	8.64%	-3.95%	13.28%	-2.06%		
S&P/ASX 20		4,044.60	0.64	0.76%	-1.48%	-0.36%	1.52%	1.71%	9.26%	-1.83%	12.14%	-1.49%		
S&P/ASX 50		7,090.90	0.73	0.70%	-1.26%	0.11%	3.07%	2.46%	8.95%	-3.01%	12.37%	-4.86%		
S&P/ASX 50 Accumulation		89,774.00	0.85	0.70%	-1.26%	0.11%	4.67%	4.05%	9.66%	1.89%	17.00%	-1.94%		
S&P/ASX Midcap 50		9,220.40	0.79	1.25%	1.39%	3.88%	3.75%	-1.15%	6.69%	-9.00%	18.46%	14.48%		
S&P/ASX Small Ordinaries		2,925.90	0.68	0.86%	0.83%	2.86%	4.56%	0.90%	6.98%	-20.72%	14.24%	6.62%		
S&P/ASX 200		7,276.49	0.75	0.78%	-0.79%	0.80%	3.38%	1.98%	8.72%	-5.45%	13.02%	-1.45%		
S&P/ASX 200 Accumulation		89,365.96	0.86	0.78%	-0.79%	0.81%	4.90%	3.46%	9.40%	-1.08%	17.23%	1.40%		
S&P/ASX 300		7,234.88	0.74	0.79%	-0.72%	0.84%	3.32%	1.86%	8.46%	-6.05%	13.38%	-1.10%		
S&P/ASX 200 Energy		10,725.90	0.48	2.48%	0.03%	0.35%	-2.82%	-5.27%	7.61%	39.71%	-1.97%	-29.93%		
S&P/ASX 200 Materials		18,208.70	0.76	1.58%	1.46%	1.14%	3.81%	5.51%	15.04%	4.79%	6.84%	13.37%		
S&P/ASX 200 Industrials		6,870.00	0.93	0.34%	-0.61%	2.35%	10.19%	5.79%	6.49%	-6.18%	11.24%	-14.10%		
S&P/ASX 200 Consumer Discretionary		3,072.80	0.94	0.34%	-0.58%	0.97%	12.54%	9.87%	3.92%	-22.65%	21.31%	8.63%		
S&P/ASX 200 Consumer Staples		13,408.00	0.67	-0.87%	-1.25%	-1.04%	6.90%	6.13%	1.65%	-7.39%	7.13%	3.57%		
S&P/ASX 200 Healthcare		44,166.50	0.90	0.03%	-1.02%	-0.25%	6.72%	3.05%	1.83%	-8.41%	7.98%	2.97%		
S&P/ASX 200 Financials		6,161.90	0.49	0.73%	-3.47%	-0.51%	-3.09%	-3.59%	9.49%	-2.72%	20.20%	-9.00%		
S&P/ASX 200 Information Technology		1,581.60	0.91	1.00%	1.19%	2.94%	12.53%	7.55%	2.46%	-34.25%	-2.79%	56.35%		
S&P/ASX 200 Telecommunication Services		1,552.80	0.92	0.26%	-1.05%	0.73%	10.04%	7.44%	4.39%	-13.43%	28.46%	0.91%		
S&P/ASX 200 Utilities		8,685.10	1.00	0.31%	1.10%	1.96%	4.49%	0.70%	26.77%	24.19%	4.56%	-21.52%		
S&P/ASX 200 A-REIT		1,425.90	0.72	0.35%	1.08%	6.25%	6.94%	-0.16%	9.74%	-24.00%	21.61%	-7.99%		
S&P/ASX 200 Financial-x-A-REIT		6,872.60	0.49	0.73%	-3.47%	-0.51%	-3.09%	-3.59%	9.49%	-2.72%	20.20%	-8.99%		
North American														
DJIA		33,618.69	0.83	-0.17%	-1.27%	0.10%	1.42%	0.38%	15.39%	-8.78%	18.73%	7.25%		
S&P 500		4,138.12	0.77	0.05%	-0.71%	0.71%	7.78%	7.03%	7.03%	-19.44%	26.89%	16.26%		
NASDAQ		12,256.92	0.70	0.18%	0.36%	1.43%	17.11%	16.77%	-1.03%	-33.10%	21.39%	43.64%		
Toronto S&P/TSX		20,585.15	0.84	0.21%	-0.15%	1.53%	6.19%	3.69%	5.10%	-8.66%	21.74%	2.17%		
Europe														
FTSE		7,778.38	0.80	0.00%	-1.17%	0.48%	4.38%	2.42%	8.09%	0.91%	14.30%	-14.34%		
DAX		15,952.83	1.00	-0.05%	0.19%	2.28%	14.57%	12.25%	14.93%	-12.35%	15.79%	3.55%		
CAC 40		7,440.91	0.93	0.11%	-0.68%	1.59%	14.94%	13.11%	12.35%	-9.50%	28.85%	-7.14%		
Asia														
Nikkei		28,949.88	0.92	-0.71%	-0.60%	4.76%	10.94%	7.46%	0.61%	-9.37%	4.91%	16.01%		
Hang Seng		20,297.03	0.70	1.24%	2.02%	-0.17%	2.61%	3.13%	14.86%	-15.46%	-14.08%	-3.40%		
Shanghai		3,395.00	0.87	1.81%	2.16%	2.40%	9.90%	5.94%	2.14%	-15.13%	4.80%	13.87%		
Sensex		61,764.25	0.97	1.16%	1.07%	3.20%	1.52%	-3.04%	5.94%	4.44%	21.99%	15.75%		

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

09-May-23

		08-May-23	52 wk	Movement for the period				Q1 2023	Q4 2022	2022	2021	2020
				Day	Week	Month	YTD					
Indices												
MSCI World USD Index		2,827.38	0.97	0.19%	-0.22%	1.48%	8.63%	7.25%	9.42%	-19.46%	20.14%	14.06%
MSCI World Net TR USD Index		8,732.42	0.99	0.20%	-0.16%	1.65%	9.35%	7.73%	9.77%	-18.14%	21.82%	15.90%
MSCI ACWI-ex-Australia TR AUD Index		14,599.94	0.86	0.00%	-1.77%	-0.31%	9.89%	9.20%	3.95%	-12.52%	29.58%	5.73%
MSCI ACWI Net TR USD Index		345.43	0.99	0.27%	0.00%	1.50%	8.76%	7.31%	9.76%	-18.36%	18.54%	16.25%
MSCI ACWI Minimum Volatility USD		2,211.17	0.99	0.30%	0.53%	2.25%	4.44%	1.01%	8.15%	-12.04%	11.95%	0.56%
MSCI EM Asia Net TR USD Index		588.15	0.73	0.75%	1.46%	-0.75%	3.79%	4.81%	10.83%	-21.11%	-5.08%	28.38%
MSCI EM Net TR USD Index		506.19	0.72	0.81%	1.36%	0.28%	4.14%	3.96%	9.70%	-20.09%	-2.54%	18.31%
VIX Volatility S&P500		16.98	0.97	-1.22%	5.60%	-10.49%	-21.64%	-13.71%	-31.47%	25.84%	-24.31%	65.09%
Commodities												
Light Crude WTI Futures		US\$/bbl	73.16	0.12	2.55%	-3.30%	-8.25%	-5.72%	0.97%	6.11%	55.89%	-20.54%
Brent Crude		US\$/bbl	77.01	0.09	2.27%	-2.90%	-8.52%	-10.36%	-7.15%	-2.33%	9.89%	50.93%
Gold		US\$/oz	2,033.20	0.95	0.41%	2.06%	1.47%	11.34%	8.76%	9.22%	-0.31%	-3.34%
Silver		US\$/oz	25.83	0.95	-0.37%	2.39%	3.70%	7.46%	0.48%	26.27%	2.67%	-11.35%
Copper		US\$/lb	3.93	0.54	1.20%	-0.11%	-1.18%	3.12%	7.45%	11.66%	-14.77%	27.05%
Iron Ore		US\$/mt	103.96	0.43	0.08%	-2.82%	-12.37%	-4.30%	11.66%	13.77%	-3.57%	-27.05%
Malaysian Palm Oil* RM/tn			4,084	0.24	0.34%	3.73%	-5.62%	-2.09%	-2.71%	25.37%	-19.15%	32.59%
LNG *Jap/Korea		US\$/mmBtu	11.32	0.00	0.00%	-2.03%	-10.38%	-61.66%	-54.21%	-23.78%	-3.21%	113.25%
ICCO Cocoa		US\$/mt	3,179	0.98	2.25%	0.25%	8.80%	22.27%	12.81%	10.45%	3.17%	-3.19%
ICO Coffee		US cents/lb	187	0.43	-2.15%	-1.24%	2.35%	11.72%	1.91%	-24.49%	-26.01%	76.30%
Equities												
Domestic												
		PGK	Arbitrage	PNGX	Percentage changes							
Bank South Pacific			11.47	12.90	0.86	0.00%	0.00%	0.78%	3.95%	3.14%	0.00%	1.31%
Credit Corporation				2.00	1.00	0.00%	0.00%	0.00%	8.11%	8.11%	0.00%	10.12%
City Pharmacy				0.80	0.00	0.00%	-15.79%	-15.79%	-11.11%	5.56%	-5.26%	90.00%
Kina Asset Management Limited				0.95	0.00	0.00%	0.00%	0.00%	0.00%	-15.79%	0.00%	-4.04%
Kina Securities Limited			1.74	2.29	0.68	-7.66%	-7.66%	-8.40%	-16.73%	-9.09%	-5.17%	-6.78%
Steamship Trading Company			21.64	35.46	0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited			17.41	19.10	0.98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Australia												
A2 Milk Company Limited				5.35	0.43	0.19%	-1.47%	-6.47%	-22.24%	-15.55%	27.41%	26.01%
ANZ Banking Group Limited				23.83	0.55	0.13%	-2.81%	2.76%	0.17%	-3.61%	4.34%	-13.52%
BSP Financial Group				4.81	0.33	0.21%	0.42%	1.26%	-1.84%	-0.41%	-2.00%	14.75%
BHP Billiton Limited				44.72	0.62	1.52%	1.22%	-0.73%	-1.99%	3.51%	18.46%	9.95%
Boral Limited				4.02	0.93	0.75%	-2.90%	9.54%	39.10%	21.80%	8.24%	-52.62%
Bougainville Copper Limited				0.37	0.73	2.78%	10.45%	12.12%	5.71%	-5.71%	25.00%	14.75%
Bank of Queensland				5.90	0.06	1.37%	-0.34%	-8.10%	-14.49%	-5.94%	5.99%	-14.71%
Brambles Limited				14.18	0.95	0.00%	-0.70%	3.58%	17.48%	11.27%	5.78%	13.55%
Commonwealth Bank of Australia				97.12	0.41	1.03%	-3.31%	-1.91%	-5.34%	-4.17%	13.12%	1.58%
CSL				301.27	0.78	0.07%	-0.38%	0.36%	4.69%	0.19%	0.96%	-1.02%
Fortescue Mining				20.64	0.69	1.93%	-1.48%	-4.31%	0.63%	9.65%	21.94%	6.77%
Horizon Oil Ltd				0.16	0.62	3.33%	-6.06%	-11.43%	19.23%	30.77%	-11.86%	41.30%
Kina Securities Ltd				0.73	0.07	-1.35%	0.00%	1.39%	-5.81%	-3.87%	-8.82%	-9.36%
Kina Petroleum Ltd				0.06	0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Macquarie Group Ltd				173.50	0.50	-2.17%	-5.59%	-1.95%	3.92%	5.21%	9.31%	-18.71%
Mirvac Group				2.39	0.91	1.27%	0.42%	10.65%	12.21%	-2.35%	9.51%	-26.80%
National Australia Bank				27.10	0.17	1.96%	-7.16%	-2.80%	-9.85%	-7.78%	4.34%	4.23%
Newcrest Mining Limited				29.60	0.97	-0.67%	3.86%	4.67%	43.41%	30.09%	21.99%	-15.69%
Origin Energy Ltd				8.42	1.00	0.00%	0.48%	1.57%	9.07%	7.38%	49.32%	47.33%
Pilbara Minerals Ltd				4.60	0.74	4.55%	12.20%	27.42%	22.67%	5.07%	-17.76%	17.19%
QBE Insurance Group Ltd				15.46	1.00	0.72%	-0.06%	4.18%	15.12%	8.64%	16.48%	18.33%
Rio Tinto Limited				111.96	0.59	2.37%	-0.27%	-3.74%	-3.82%	3.20%	24.65%	16.28%
ResMed Inc				34.38	0.81	-0.87%	-4.31%	3.77%	11.05%	4.62%	-8.48%	-13.47%
Santos Limited				7.30	0.28	1.96%	0.97%	2.24%	2.24%	-3.36%	0.71%	13.15%
Steamship Trading Company				9.07	0.02	0.00%	0.00%	0.00%	-13.62%	-13.62%	3.96%	5.00%
Suncorp Metway Limited				12.58	0.85	0.64%	-0.08%	1.70%	4.49%	0.58%	20.04%	8.76%
Transurban Group				14.69	0.83	-0.27%	-1.54%	0.41%	13.17%	9.48%	5.19%	-6.08%
Telstra Corporation Limited				4.33	0.92	0.00%	-1.14%	1.41%	8.52%	5.76%	3.64%	-4.55%
Treasury Wine Estates Limited				13.44	0.67	-1.75%	-3.10%	2.28%	-1.25%	-3.97%	8.27%	9.94%
Westpac Banking Corporation				21.74	0.48	1.83%	-3.63%	-0.14%	-6.90%	-7.24%	13.13%	9.37%
Worley Limited				16.01	1.00	3.62%	4.71%	6.73%	6.73%	-3.93%	17.83%	41.11%
Woolworths Limited				38.64	0.88	-1.13%	-0.67%	-1.00%	15.14%	12.93%	-1.15%	-11.71%
International												
iShare MSCI All Asia ex Japan		USD \$		67.12	0.67	0.12%	0.96%	-1.15%	3.56%	4.72%	10.54%	-21.64%
Blackrock Int Equity Fund*		AUD \$		20.64	0.83	0.47%	-2.44%	0.22%	9.36%	7.25%	4.41%	-15.90%
Blackrock Australian Equity Fund*		AUD \$		1.76	0.59	0.38%	-1.18%	0.06%	1.98%	0.96%	7.01%	-11.03%
Vanguard International Share*		AUD \$		2.82	0.83	0.47%	-2.44%	0.20%	8.54%	8.60%	3.54%	-16.11%
Vanguard FTSE World exUS		USD \$		54.78	0.95	0.07%	0.77%	2.07%	9.25%	6.64%	13.03%	-18.18%
Vanguard FTSE Europe		USD \$		63.57	0.99	0.02%	0.14%	3.25%	14.66%	9.94%	20.13%	-18.76%
iShares Core MSCI Europe		USD \$		54.68	0.99	0.15%	0.26%	3.42%	15.12%	10.27%	20.13%	-18.33%
iShares Asia 50		USD \$		59.09	0.61	0.03%	0.85%	-3.95%	4.14%	9.08%	13.66%	-25.89%
iShares MSCI Japan		USD \$		59.40	0.99	-0.22%	1.07%	2.96%	9.11%	7.81%	11.44%	-18.70%
Acadian Global Managed Volatility Equity Fund				1.67	0.87	-0.43%	-1.67%	1.20%	7.86%	4.24%	3.30%	-9.88%
Lazard Global Managed Volatility Fund - Australia*				1.08	0.43	-0.67%	-2.02%	0.36%	4.72%	1.89%	5.15%	-13.72%
Robeco Emerging Conservative Equity Fund - Australia				1.46	1.00	0.52%	0.39%	3.70%	10.61%	6.12%	3.18%	-10.12%

Disclaimer: This report was prepared as a private communication to clients and was not intended for public circulation or publication or for the use of any third party, without the approval of Kina Funds Management Ltd ("KFM"). While this report is based on information from sources, which KFM consider reliable, its accuracy and completeness cannot be guaranteed. KFM, its directors and employees do not accept any liability for the result of any actions taken on the basis of without consideration of any specific client's investment objectives, financial situation or needs. Those acting upon such information without first consulting KFM do so at their own risk. It is recommended that any persons who wish to act upon this report consult with KFM before doing so.