

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 10-Aug-22	52 wk	Movement for the period				YTD	Q2 2022	Q1 2022	2021	2020	2019
			Day	Week	Month	YTD						
Interest Rates												
Central Bank Bills												
28 days	C-bill auctions on Wednesday; reported Thursday/Friday	1.45%	0.00%	0.17%	0.43%	0.16%	-0.06%	-0.21%	1.29%	1.33%	1.39%	
60 days		2.03%	0.00%	0.26%	0.32%	0.04%	-0.11%	-0.17%	1.99%	2.07%	2.30%	
90 days		2.06%	0.00%	0.17%	0.42%	0.11%	-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%	0.00%	-3.08%	-1.12%	-2.02%	4.29%	4.41%	4.68%
273 days		2.81%	0.00%	0.06%	0.06%	0.60%	-3.14%	-1.78%	-2.05%	5.95%	6.04%	6.04%
364 days	reported Thursday/Friday	4.39%	-0.01%	-0.01%	1.64%	-2.65%	-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%	0.00%	-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%	0.00%	-0.50%	-3.60%			-	-	-	
GIS 8Y 2022-30		6.45%	0.00%	0.00%	-0.37%	6.45%			9.90%	-	-	
GIS 9Y 2022-31		6.70%	0.00%	0.00%	-0.29%	-3.20%			9.90%	11.82%	10.55%	
GIS 10Y 2022-32		6.80%	0.00%	0.00%	-0.20%	-3.10%			9.90%	-	-	
Kina Facility Rate												
Ten year Government Bond yields												
United States		2.78%	0.69%	0.00%	0.08%	-0.15%	1.27%	0.67%	0.83%	1.51%	0.91%	1.92%
United Kingdom		1.95%	0.67%	-0.02%	0.04%	-0.11%	0.98%	0.62%	0.64%	0.97%	0.20%	0.82%
Australia		3.24%	0.69%	0.06%	0.17%	-0.14%	1.57%	0.82%	1.17%	1.67%	0.97%	1.37%
New Zealand		3.34%	0.64%	0.02%	0.03%	-0.29%	0.95%	0.64%	0.83%	2.39%	0.99%	1.65%
France		1.45%	0.63%	-0.02%	0.01%	-0.29%	1.26%	0.94%	0.78%	0.20%	-0.34%	0.12%
Japan		0.19%	0.72%	0.02%	0.00%	-0.04%	0.12%	0.01%	0.15%	0.07%	0.02%	-0.01%
Australia	RBA Cash Rate	1.85%		0.00%	0.00%	0.50%	1.75%	0.75%	0.00%	0.10%	0.10%	0.75%
PNG CPI Index												
Currencies												
PGK/USD	Latest 12 mth % change	0.2840	0.00%	0.00%	0.00%	-0.35%	0.00%	-0.35%	0.00%	-2.90%	-1.18%	
PGK/AUD		0.4086	0.72%	0.34%	-0.32%	-2.62%	4.02%	8.56%	-3.36%	6.19%	-11.68%	-0.48%
PGK/GBP		0.2353	0.86%	0.13%	0.77%	-1.22%	11.41%	8.09%	2.41%	1.00%	-6.57%	-4.40%
PGK/NZD		0.4552	0.85%	0.62%	0.33%	-1.75%	9.05%	11.85%	-2.13%	5.78%	-9.52%	-1.45%
PGK/JPY		38.350	0.87%	-0.03%	1.24%	-1.49%	16.89%	11.97%	5.43%	11.64%	-7.87%	-2.68%
AUD/USD		0.6951	0.26%	-0.34%	0.33%	2.69%	-4.22%	-7.89%	3.10%	-5.83%	9.94%	-0.71%
USD/JPY		135.010	0.87%	-0.04%	1.21%	-1.50%	17.28%	11.96%	5.79%	11.63%	-5.12%	-1.53%
EUR/USD		1.0213	0.11%	0.05%	0.41%	1.69%	-9.69%	-6.38%	-1.24%	-8.00%	9.68%	-1.94%
GBP/USD		1.2074	0.12%	-0.10%	-0.75%	1.27%	-10.52%	-7.49%	-2.69%	-0.98%	3.90%	3.37%
Equity Indices												
Papua New Guinea												
KSI Index		6,279.62	1.00%	0.00%	0.00%	-0.01%	7.13%	1.51%	5.28%	-3.09%	-3.42%	21.05%
KSI 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		7,238.66	0.48%	-0.55%	0.50%	6.33%	-6.95%	-13.39%	0.13%	13.55%	0.71%	19.14%
S&P/ASX 100		5,832.86	0.48%	-0.51%	0.09%	5.13%	-5.13%	-11.65%	1.41%	13.28%	-2.06%	18.88%
S&P/ASX 20		3,890.10	0.40%	-0.39%	-0.14%	4.11%	-4.14%	-11.32%	3.21%	12.14%	-1.49%	15.34%
S&P/ASX 50		6,769.90	0.44%	-0.45%	-0.12%	4.25%	-4.55%	-11.12%	2.31%	12.37%	-4.86%	19.07%
S&P/ASX 50 Accumulation		82,191.40	0.47%	-0.45%	-0.12%	4.25%	-2.36%	-10.55%	4.00%	17.00%	-1.94%	24.43%
S&P/ASX Midcap 50		8,977.40	0.50%	-0.88%	1.36%	10.96%	-8.07%	-14.95%	-3.46%	18.46%	14.48%	17.68%
S&P/ASX Small Ordinaries		3,030.50	0.42%	-0.68%	2.34%	11.80%	-14.14%	-20.79%	-5.06%	14.24%	6.62%	17.88%
S&P/ASX 200		6,992.67	0.47%	-0.53%	0.24%	5.60%	-6.07%	-12.42%	0.74%	13.02%	-1.45%	18.38%
S&P/ASX 200 Accumulation		82,590.09	0.51%	-0.53%	0.24%	5.61%	-4.10%	-11.90%	2.24%	17.23%	1.40%	23.40%
S&P/ASX 300		6,985.96	0.47%	-0.53%	0.33%	5.84%	-6.28%	-12.73%	0.60%	13.38%	-1.10%	18.77%
S&P/ASX 200 Energy		10,098.50	0.72%	-0.28%	-2.01%	5.21%	27.82%	1.45%	25.09%	-1.97%	-29.93%	18.24%
S&P/ASX 200 Materials		15,868.10	0.31%	-1.04%	1.69%	8.90%	-5.21%	-16.19%	11.87%	6.84%	13.37%	22.09%
S&P/ASX 200 Industrials		6,512.10	0.71%	-0.12%	-0.14%	3.36%	-2.01%	-2.18%	-3.84%	11.24%	-14.10%	22.62%
S&P/ASX 200 Consumer Discretionary		2,898.50	0.30%	-1.01%	-0.08%	2.68%	-17.88%	-15.08%	-10.59%	21.31%	8.63%	27.23%
S&P/ASX 200 Consumer Staples		13,560.50	0.64%	-0.22%	-0.37%	2.21%	0.12%	-3.40%	-1.42%	7.13%	3.57%	17.98%
S&P/ASX 200 Healthcare		43,075.60	0.53%	-1.49%	-1.02%	1.76%	-4.66%	-1.93%	-10.65%	7.98%	2.97%	41.23%
S&P/ASX 200 Financials		6,338.60	0.57%	0.53%	0.44%	6.27%	-3.03%	-14.87%	3.67%	20.20%	-9.00%	7.39%
S&P/ASX 200 Information Technology		1,553.50	0.25%	-3.78%	-1.81%	10.51%	-27.33%	-27.19%	-14.04%	-2.79%	56.35%	31.81%
S&P/ASX 200 Telecommunication Services		1,468.70	0.42%	-0.93%	1.16%	5.49%	-9.90%	-10.12%	-6.92%	28.46%	0.91%	22.31%
S&P/ASX 200 Utilities		8,106.80	0.89%	0.90%	1.86%	7.12%	21.13%	0.61%	12.72%	4.56%	-21.52%	10.09%
S&P/ASX 200 A-REIT		1,435.30	0.31%	-0.75%	-0.51%	3.44%	-18.19%	-18.85%	-7.71%	21.61%	-7.99%	14.01%
S&P/ASX 200 Financial-x-A-REIT		7,069.70	0.57%	0.53%	0.44%	6.27%	-3.03%	-14.87%	3.67%	20.20%	-8.99%	7.39%
North American												
DJIA		33,309.51	0.49%	1.63%	1.51%	8.24%	-8.33%	-11.25%	-4.57%	18.73%	7.25%	22.34%
S&P 500		4,210.24	0.48%	2.13%	1.33%	10.74%	-11.66%	-16.45%	-4.95%	26.89%	16.26%	28.88%
NASDAQ		12,854.80	0.41%	2.89%	1.47%	14.29%	-17.83%	-22.44%	-9.10%	21.39%	43.64%	35.23%
Toronto S&P/TSX		19,885.94	0.41%	1.57%	1.74%	6.83%	-6.30%	-13.84%	3.14%	21.74%	2.17%	19.13%
Europe												
FTSE		7,507.11	0.78%	0.25%	0.83%	4.90%	1.66%	-4.61%	1.78%	14.30%	-14.34%	12.10%
DAX		13,700.93	0.34%	1.23%	0.83%	7.41%	-13.75%	-11.31%	-9.25%	15.79%	3.55%	25.48%
CAC 40		6,523.44	0.46%	0.52%	0.79%	8.72%	-8.80%	-11.07%	-6.89%	28.85%	-7.14%	26.37%
Asia												
Nikkei		27,819.33	0.52%	-0.65%	0.28%	5.06%	-3.38%	-5.13%	-3.37%	4.91%	16.01%	18.20%
Hang Seng		19,610.84	0.15%	-1.96%	-0.79%	-5.71%	-16.18%	-0.62%	-5.99%	-14.08%	-3.40%	9.07%
Shanghai		3,230.02	0.41%	-0.54%	2.10%	-1.65%	-11.26%	4.50%	-10.65%	4.80%	13.87%	22.30%
Sensex		58,817.29	0.72%	-0.06%	0.80%	9.91%	0.97%	-9.48%	0.54%	21.99%	15.75%	14.38%

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█	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

	10-Aug-22	52 wk	Movement for the period				YTD	Q2 2022	Q1 2022	2021	2020	2019	
			Day	Week	Month	YTD							
Indices													
MSCI World USD Index	2,803.37	0.42	2.18%	1.75%	10.17%	-13.25%	-16.60%	-5.53%	20.14%	14.06%	25.19%		
MSCI World Net TR USD Index	8,547.32	0.44	2.18%	1.78%	10.24%	-12.39%	-15.26%	-5.15%	21.82%	15.90%	27.67%		
MSCI ACWI-ex-Australia TR AUD Index	13,549.57	0.40	-0.12%	-1.29%	5.06%	-10.78%	-7.44%	-8.42%	29.58%	5.73%	27.97%		
MSCI ACWI Net TR USD Index	338.60	0.40	1.89%	1.71%	9.41%	-12.97%	-14.72%	-5.36%	18.54%	16.25%	26.60%		
MSCI ACWI Minimum Volatility USD	2,184.26	0.42	0.85%	1.65%	4.28%	-9.25%	-9.77%	-3.40%	11.95%	0.56%	18.50%		
MSCI EM Asia Net TR USD Index	582.16	0.04	-1.12%	-0.03%	0.58%	-18.95%	-8.32%	-8.69%	-5.08%	28.38%	19.24%		
MSCI EM Net TR USD Index	501.93	0.11	-0.43%	1.20%	2.98%	-17.48%	-10.36%	-6.97%	-2.54%	18.31%	18.42%		
VIX Volatility S&P500	19.74	0.22	-9.32%	-10.07%	-26.40%	14.63%	39.64%	19.40%	-24.31%	65.09%	-45.79%		
Commodities													
Light Crude WTI Futures	US\$/bbl	91.93	0.47	1.58%	1.40%	-4.54%	21.54%	5.46%	32.58%	55.89%	-20.54%	34.46%	
Brent Crude	US\$/bbl	97.40	0.50	1.13%	0.64%	-2.18%	24.58%	6.39%	38.03%	50.93%	-21.52%	22.68%	
Gold	US\$/oz	1,813.70	0.32	0.08%	2.10%	4.51%	-0.99%	-7.51%	6.67%	-3.34%	24.42%	18.87%	
Silver	US\$/oz	20.74	0.29	1.27%	4.26%	8.07%	-11.42%	-19.02%	7.34%	-11.35%	47.38%	15.32%	
Copper	US\$/lb	3.65	0.25	1.78%	5.26%	9.84%	-18.37%	-21.91%	6.26%	27.05%	25.81%	6.31%	
Iron Ore	US\$/mt	103.50	0.28	-0.02%	-3.10%	0.93%	-8.12%	-16.56%	24.13%	-27.05%	81.97%	20.45%	
Malaysian Palm Oil* RM/tn		4,191	0.11	0.50%	5.17%	8.86%	-18.76%	-20.39%	23.88%	32.59%	27.95%	51.75%	
LNG *Jap/Korea	US\$/mmBtu	44.71	0.81	0.20%	-2.70%	14.04%	46.61%	9.10%	16.20%	113.25%	169.81%	-41.08%	
ICCO Cocoa	US\$/mt	2,398	0.34	1.48%	5.13%	6.39%	-4.84%	-13.55%	5.16%	-3.19%	2.48%	5.13%	
ICO Coffee	US cents/lb	220	0.53	3.62%	2.70%	4.36%	-2.50%	3.18%	0.13%	76.30%	-1.12%	27.34%	
Equities													
Domestic													
	PGK K	Arbitrage	PNGX	Percentage changes									
Bank South Pacific		11.99	12.41	0.27	0.00%	0.00%	0.00%	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		2.13	2.90	0.36	0.00%	0.00%	-3.33%	-1.69%	0.00%	1.69%	-1.67%	-10.98%	27.17%
Steamship Trading Company		29.74	35.46		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited		17.03	19.10	1.00	0.00%	0.00%		2.70%					
Australia													
A2 Milk Company Limited			4.76	0.23	-6.85%	-3.84%	3.93%	-12.82%	-15.90%	-4.40%	-52.31%	-19.93%	38.57%
ANZ Banking Group Limited			23.46	0.27	3.35%	3.30%	4.59%	-14.72%	-20.18%	0.33%	21.19%	-7.84%	0.70%
BSP Financial Group			4.90	0.45	0.00%	0.00%	-0.20%	14.75%	3.13%	12.41%	-17.88%		
BHP Billiton Limited			38.30	0.16	-1.34%	-0.80%	3.74%	-7.71%	-20.29%	24.70%	-2.19%	9.02%	13.70%
Boral Limited			2.90	0.09	-2.68%	-1.36%	10.69%	-52.46%	-25.14%	-43.28%	23.23%	10.49%	-9.31%
Bouganville Copper Limited			0.32	0.07	3.23%	16.36%	-5.88%	4.92%	-56.00%	145.90%	5.17%	-10.77%	103.13%
Bank of Queensland			7.53	0.32	1.35%	0.80%	7.26%	-6.92%	-23.16%	7.29%	4.52%	6.76%	-25.26%
Brambles Limited			11.62	0.72	1.31%	-0.26%	3.94%	9.31%	8.07%	-6.77%	0.28%	-9.56%	15.47%
Commonwealth Bank of Australia			101.00	0.60	-0.28%	0.53%	6.73%	0.00%	-14.55%	4.72%	23.01%	2.77%	10.37%
CSL			292.35	0.66	-1.56%	-1.48%	-0.50%	0.56%	0.34%	-7.76%	2.66%	2.69%	48.93%
Fortescue Mining			18.83	0.55	-0.63%	4.50%	10.83%	-1.98%	-15.15%	7.55%	-18.01%	119.18%	155.13%
Horizon Oil Ltd			0.14	0.74	3.85%	-3.57%	8.00%	46.74%	8.00%	35.87%	48.39%	-48.33%	20.00%
Kina Securities Ltd			0.87	0.42	0.58%	-1.14%	1.16%	1.75%	-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			176.19	0.31	-1.08%	-0.11%	2.79%	-14.22%	-19.07%	-1.04%	48.32%	0.46%	26.88%
Mirvac Group			2.09	0.10	0.00%	0.97%	0.48%	-28.18%	-20.68%	-14.43%	10.23%	-16.98%	41.96%
National Australia Bank			30.22	0.56	1.38%	-1.82%	6.22%	4.79%	-15.33%	12.17%	27.61%	-8.24%	2.33%
Newcrest Mining Limited			19.46	0.09	-1.12%	1.35%	2.47%	-20.51%	-21.88%	9.23%	-5.04%	-14.78%	38.76%
Origin Energy Ltd			6.12	0.66	0.00%	1.66%	12.29%	16.79%	-8.03%	18.89%	10.08%	-43.67%	30.60%
Pilbara Minerals Ltd			2.98	0.56	-0.67%	6.43%	26.27%	-6.88%	-28.44%	0.00%	267.82%	210.71%	-55.20%
Qbe Insurance Group Ltd			12.14	0.75	0.75%	3.23%	3.76%	6.96%	5.65%	1.32%	33.06%	-33.77%	27.52%
Rio Tinto Limited			99.18	0.29	-0.21%	2.46%	5.40%	-0.93%	-13.78%	18.98%	-12.05%	13.38%	27.95%
ResMed Inc			34.15	0.51	0.26%	-1.33%	6.29%	-4.56%	-5.34%	-9.39%	31.40%	24.34%	37.56%
Santos Limited			6.96	0.36	-1.00%	-1.83%	1.16%	10.30%	-4.13%	22.66%	0.64%	-23.35%	49.27%
Steamship Trading Company			12.15	0.81	0.00%	2.97%	1.08%	21.50%	18.93%	0.90%	1.52%	-21.20%	-33.16%
Suncorp Metway Limited			11.45	0.46	0.53%	-0.35%	2.88%	3.43%	-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			14.56	0.92	-0.27%	-0.68%	1.39%	5.35%	6.13%	-1.95%	1.17%	-8.38%	27.98%
Telstra Corporation Limited			4.01	0.53	-0.50%	1.52%	2.82%	-4.07%	-2.78%	-5.26%	40.27%	-15.82%	24.21%
Treasury Wine Estates Limited			12.31	0.67	-0.08%	0.33%	8.17%	-0.57%	-1.99%	-6.46%	31.70%	-42.12%	9.73%
Westpac Banking Corporation			22.20	0.43	1.37%	2.07%	10.12%	3.98%	-19.55%	13.54%	10.22%	-20.06%	-3.23%
Worley Limited			14.20	0.80	-0.56%	-0.42%	7.41%	33.58%	10.30%	21.45%	-7.48%	-24.95%	34.06%
Woolworths Limited			38.04	0.57	-0.29%	-0.16%	2.37%	0.08%	-4.46%	-1.97%	-3.31%	8.71%	22.91%
International													
iShare MSCI All Asia ex Japan	USD \$	68.30	0.09	0.92%	0.98%	2.00%	-17.42%	-7.81%	-9.29%	-7.74%	22.19%	15.56%	
Blackrock Int Equity Fund*	AUD \$	19.12	0.23	-0.12%	0.27%	4.27%	-14.84%	-8.50%	-7.59%	24.76%	-0.61%	23.52%	
Blackrock Australian Equity Fund*	AUD \$	1.70	0.30	0.16%	0.60%	6.68%	-12.34%	-10.96%	-0.08%	11.82%	-2.28%	19.10%	
Vanguard International Share*	AUD \$	2.67	0.32	0.29%	-0.88%	5.49%	-13.76%	-8.11%	-9.25%	23.54%	-0.10%	22.72%	
Vanguard FTSE World exUS	USD \$	52.19	0.25	1.99%	1.81%	7.06%	-14.83%	-13.25%	-6.02%	5.00%	8.58%	17.92%	
Vanguard FTSE Europe	USD \$	56.10	0.28	2.32%	1.94%	9.08%	-17.79%	-15.19%	-8.73%	13.28%	2.80%	20.53%	
iShares Core MSCI Europe	USD \$	47.75	0.28	2.27%	1.88%	9.19%	-17.90%	-15.81%	-8.18%	13.42%	2.83%	20.66%	
iShares Asia 50	USD \$	59.85	0.02	0.94%	-0.47%	-1.11%	-21.83%	-8.58%	-10.36%	-12.17%	32.08%	19.35%	
iShares MSCI Japan	USD \$	56.31	0.19	2.87%	1.15%	6.79%	-15.91%	-14.25%	-7.99%	-0.89%	14.04%	16.87%	
Acadian Global Managed Volatility Equity Fund		1.52	0.09	0.49%	-0.01%	0.61%	-11.48%	-2.24%	-4.12%	10.44%	-11.46%	8.12%	
Lazard Global Managed Volatility Fund - Australia*		0.99	0.06	0.37%	-0.15%	-14.98%	-16.73%	-0.19%	-1.62%	19.66%	-22.67%	14.95%	
Robeco Emerging Conservative Equity Fund - Australia		1.29	0.08	-0.74%	1.64%	0.07%	-11.92%	-2.96%	-5.17%	13.49%	-15.41%	10.42%	

*Lazard performance since inception 28.02.17

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