

Shading Key: wei

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 06-Aug-21	52 wk	Movement for the period				Q2 2021	Q1 2021	2020	2019	2018	
			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; reported Thursday/Friday	1.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.33%	1.39%	1.39%	
60 days		2.02%	0.00%	0.00%	0.00%	-0.05%	-0.02%	-0.03%	2.07%	2.30%	2.35%	
90 days		2.00%	0.00%	0.00%	0.00%	-0.04%	-0.02%	-0.02%	2.04%	2.50%	2.51%	
182 days		4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	4.55%	4.55%	
Treasury Bills												
28 days		1.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.26%	1.26%	1.26%	
63 days		2.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.36%	2.36%	2.36%	
91 days		2.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.32%	2.35%	2.39%	
182 days	Tbill auctions are irregular Wednesdays	4.34%	0.00%	0.00%	0.00%	-0.07%	-0.05%	-0.02%	4.41%	4.68%	4.71%	
273 days		6.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.04%	6.04%	6.72%	
364 days	reported Thursday/Friday	7.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.20%	7.08%	7.93%	
Government Inscribed Stock												
GIS 2Y 2020-22	GIS auctions usually monthly	8.50%	0.00%	0.00%	0.00%		0.46%	0.00%	8.04%			
GIS 3Y 2020-23	reported Thursday/Friday	9.00%	0.00%	0.00%	0.00%		0.00%	0.00%	9.00%			
GIS 4Y 2020-24		9.84%	0.00%	0.00%	0.00%		0.00%	0.00%	9.84%			
GIS 5Y 2020-25		9.70%	0.00%	0.00%	0.00%		-0.16%	0.00%	9.86%			
GIS 6Y 2020-26		9.80%	0.00%	0.00%	0.00%		-0.22%	0.00%	10.02%			
GIS 9Y 2020-29		9.90%	0.00%	0.00%	0.00%		-1.92%	0.00%	11.82%			
GIS 10Y 2020-30		9.90%	0.00%	0.00%	0.00%		-2.63%	0.00%	12.53%			
Kina Facility Rate												
Ten year Government Bond yields												
United States		1.30%	0.60	0.07%	0.07%	-0.06%	0.38%	-0.27%	0.83%	0.91%	1.92%	2.68%
United Kingdom		0.61%	0.61	0.09%	0.05%	-0.04%	0.41%	-0.13%	0.65%	0.20%	0.82%	1.28%
Australia		1.19%	0.39	0.03%	0.01%	-0.17%	0.22%	-0.26%	0.82%	0.97%	1.37%	2.32%
New Zealand		1.73%	0.87	0.02%	0.08%	0.07%	0.75%	-0.04%	0.82%	0.99%	1.65%	2.37%
France		-0.12%	0.39	0.04%	-0.01%	-0.17%	0.22%	0.17%	0.29%	-0.34%	0.12%	0.71%
Japan		0.02%	0.06	0.01%	-0.01%	-0.02%	-0.01%	-0.04%	0.07%	0.02%	-0.01%	0.00%
Australia	RBA Cash Rate	0.10%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.75%	1.50%
PNG CPI Index												
Latest 12 mth % change												
		4.60%						0.90%	2.90%	4.30%	4.50%	
Currencies												
Percentage changes												
PGK/USD		0.2850	0.00	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	-2.9%	-1.2%	-4.0%
PGK/AUD		0.3856	0.56	0.0%	-0.1%	0.5%	4.2%	1.07%	1.43%	-11.7%	-0.5%	6.1%
PGK/GBP		0.2047	0.17	-0.3%	0.1%	-1.1%	-2.1%	-0.87%	-0.67%	-6.6%	-4.4%	1.8%
PGK/NZD		0.4044	0.37	0.0%	-0.8%	-1.5%	2.5%	0.30%	2.91%	-9.5%	-1.4%	1.5%
PGK/JPY		31.300	0.80	0.2%	0.2%	-0.2%	6.5%	-0.32%	7.52%	-7.9%	-2.7%	-6.1%
AUD/USD		0.7391	0.40	0.0%	0.1%	-0.5%	-4.1%	-1.05%	-1.41%	9.9%	-0.7%	-9.5%
USD/JPY		109.820	0.98	0.1%	0.2%	-0.2%	6.5%	-0.32%	7.50%	-5.1%	-1.5%	-2.1%
EUR/USD		1.1826	0.29	-0.1%	-0.5%	-0.1%	-3.8%	1.62%	-4.76%	9.7%	-1.9%	-4.4%
GBP/USD		1.3922	0.80	0.3%	-0.1%	1.1%	2.2%	0.86%	0.72%	3.9%	3.4%	-5.7%
Equity Indices												
Papua New Guinea												
Percentage changes												
KSI Index		5,833.41	0.58	0.0%	0.0%	-0.1%	-3.6%	-4.28%	0.93%	-3.4%	21.1%	-5.4%
KSI Home Index		13,875.15	0.39	0.0%	-0.4%	-0.4%	4.2%	4.65%	0.00%	1.5%	15.0%	4.8%
Australia												
All Ordinaries		7,806.48	1.00	0.3%	1.9%	3.5%	14.0%	8.09%	2.43%	0.7%	19.1%	-7.4%
S&P/ASX 100		6,237.40	1.00	0.3%	2.0%	3.6%	14.9%	7.86%	3.26%	-2.1%	18.9%	-6.5%
S&P/ASX 20		4,260.40	1.00	0.3%	2.1%	4.1%	17.7%	8.52%	4.94%	-1.5%	15.3%	-5.2%
S&P/ASX 50		7,296.50	1.00	0.4%	2.1%	3.7%	15.6%	7.52%	3.99%	-4.9%	19.1%	-5.9%
S&P/ASX 50 Accumulation		84,692.90	1.00	0.4%	2.1%	3.7%	17.7%	8.18%	5.26%	-1.9%	24.4%	-1.5%
S&P/ASX Midcap 50		9,171.00	1.00	0.2%	1.4%	3.2%	11.2%	9.82%	-0.67%	14.5%	17.7%	-10.5%
S&P/ASX Small Ordinaries		3,464.70	1.00	0.5%	1.7%	4.0%	12.1%	8.07%	1.34%	6.6%	17.9%	-11.3%
S&P/ASX 200		7,538.42	1.00	0.4%	2.0%	3.6%	14.4%	7.69%	3.09%	-1.5%	18.4%	-6.9%
S&P/ASX 200 Accumulation		85,498.86	1.00	0.4%	2.0%	3.6%	16.4%	8.29%	4.26%	1.4%	23.4%	-2.8%
S&P/ASX 300		7,531.47	1.00	0.4%	2.0%	3.7%	14.6%	7.89%	3.00%	-1.1%	18.8%	-7.1%
S&P/ASX 200 Energy		7,906.10	0.58	1.0%	0.7%	-4.4%	-1.9%	-2.88%	2.86%	-29.9%	18.2%	-10.8%
S&P/ASX 200 Materials		18,053.20	0.91	-1.0%	-1.8%	4.2%	15.2%	8.86%	0.66%	13.4%	22.1%	-2.3%
S&P/ASX 200 Industrials		6,508.70	0.98	1.1%	0.6%	1.4%	9.0%	5.78%	-1.83%	-14.1%	22.6%	-3.8%
S&P/ASX 200 Consumer Discretionary		3,544.50	0.98	0.5%	2.6%	4.9%	21.8%	11.09%	7.44%	8.6%	27.2%	-10.7%
S&P/ASX 200 Consumer Staples		13,757.40	1.00	0.2%	2.9%	4.2%	8.8%	5.13%	-0.80%	3.6%	18.0%	1.0%
S&P/ASX 200 Healthcare		46,049.30	0.97	1.0%	2.8%	7.1%	10.1%	9.02%	-2.90%	3.0%	41.2%	17.3%
S&P/ASX 200 Financials		6,610.10	0.95	0.7%	3.1%	3.0%	21.6%	7.47%	11.32%	-9.0%	7.4%	-14.8%
S&P/ASX 200 Information Technology		2,309.00	0.87	2.1%	13.7%	7.8%	5.0%	12.10%	-11.53%	56.3%	31.8%	5.5%
S&P/ASX 200 Telecommunication Services		1,494.20	0.95	-0.1%	0.9%	0.4%	17.8%	10.59%	7.05%	0.9%	22.3%	-21.4%
S&P/ASX 200 Utilities		6,046.80	0.20	-0.5%	1.8%	2.1%	-5.5%	-5.83%	-2.64%	-21.5%	10.1%	-10.1%
S&P/ASX 200 A-REIT		1,599.60	1.00	0.6%	2.7%	3.5%	10.9%	8.94%	-1.13%	-8.0%	14.0%	-2.1%
S&P/ASX 200 Financial-x-A-REIT		7,372.50	0.95	0.7%	3.1%	3.0%	21.6%	7.47%	11.32%	-9.0%	7.4%	-14.8%
North American												
DJIA		35,208.51	1.00	0.4%	0.8%	1.0%	15.0%	4.61%	7.76%	7.2%	22.3%	-5.6%
S&P 500		4,436.52	1.00	0.2%	0.9%	1.5%	18.1%	8.17%	5.77%	16.3%	28.9%	-6.2%
NASDAQ		14,835.76	0.99	-0.4%	1.1%	0.9%	15.1%	9.49%	2.78%	43.6%	35.2%	-3.9%
Toronto S&P/TSX		20,475.42	1.00	0.5%	0.9%	1.1%	17.4%	7.83%	7.27%	2.2%	19.1%	-11.6%
Europe												
FTSE		7,122.95	0.96	0.0%	1.3%	0.0%	10.3%	4.82%	3.92%	-14.3%	12.1%	-12.5%
DAX		15,761.45	0.99	0.1%	1.4%	0.5%	14.9%	3.48%	9.40%	3.5%	25.5%	-18.3%
CAC 40		6,816.96	1.00	0.5%	3.1%	4.4%	22.8%	7.26%	9.29%	-7.1%	26.4%	-11.0%
Asia												
Nikkei		27,820.04	0.65	0.3%	2.0%	-0.4%	1.4%	-1.33%	6.32%	16.0%	18.2%	-12.1%
Hang Seng		26,179.40	0.38	-0.1%	0.8%	-4.3%	-3.9%	1.58%	4.21%	-3.4%	9.1%	-13.6%
Shanghai		3,458.23	0.50	-0.2%	1.8%	-1.9%	-0.4%	4.34%	-0.90%	13.9%	22.3%	-24.6%
Sensex		54,277.72	0.99	-0.4%	3.2%	3.6%	13.7%	6.01%	3.68%	15.8%	14.4%	5.9%

Shading Key: wei

- 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

Indices	06-Aug-21	52 wk	Movement for the period				Q2 2021	Q1 2021	2020	2019	2018	
			Day	Week	Month	YTD						
MSCI AC Asia-ex-Japan* USD	635.24	0.56	-0.4%	1.3%	-2.2%	-0.3%	3.60%	2.70%	25.0%	18.2%	-14.4%	
MSCI ACWI-ex-Australia* USD	370.89	0.99	-0.2%	1.0%	1.1%	14.2%	7.40%	4.59%	16.4%	26.7%	-9.4%	
MSCI ACWI-ex-Australia* TR AUD	14,300.27	1.00	0.7%	0.9%	3.3%	22.0%	9.33%	6.33%	5.7%	28.0%	1.5%	
MSCI All Country World Index* USD	374.77	0.95	-0.2%	1.0%	1.1%	14.2%	7.39%	4.57%	16.3%	26.6%	-9.4%	
MSCI ACWI Minimum Volatility USD	2,321.86	0.97	-0.4%	0.4%	1.0%	8.0%	4.77%	1.24%	0.6%	18.5%	-3.5%	
MSCI World Net Local	7,028.45	1.00	0.1%	1.2%	1.7%	17.5%	7.58%	6.14%	13.5%	27.3%	-7.4%	
iShare Emerging Markets	51.94	0.60	-0.8%	0.7%	-3.0%	0.5%	3.39%	3.23%	15.2%	14.9%	-17.1%	
VIX Volatility S&P500	16.15	0.04	-6.5%	-11.5%	-0.2%	-29.0%	-18.40%	-14.73%	65.1%	-45.8%	130.3%	
Commodities												
Light Crude WTI Futures US\$/bbl	68.28	0.82	-1.2%	-7.7%	-8.4%	40.7%	24.19%	21.93%	-20.5%	34.5%	-24.8%	
Brent Crude US\$/bbl	70.70	0.84	-0.8%	-7.4%	-6.4%	36.5%	18.24%	22.66%	-21.5%	22.7%	-19.5%	
Gold US\$/oz	1,763.10	0.28	-2.5%	-2.6%	-2.6%	-7.0%	3.26%	-9.47%	24.4%	18.9%	-2.1%	
Silver US\$/oz	24.33	0.25	-3.8%	-4.8%	-7.3%	-7.9%	6.77%	-7.12%	47.4%	15.3%	-9.4%	
Copper US\$/lb	4.35	0.78	0.0%	-3.0%	0.1%	23.6%	7.35%	13.54%	25.8%	6.3%	-20.3%	
Iron Ore US\$/mt	175.06	0.49	-2.3%	-7.9%	-17.5%	13.4%	35.96%	0.49%	82.0%	20.5%	-0.5%	
Malaysian Palm Oil* RM/tn	4,520	0.83	-0.1%	-2.9%	12.4%	16.2%	-6.87%	4.37%	28.0%	51.7%	-18.0%	
LNG *Jap/Korea US\$/mmBtu	15.70	0.75	1.9%	6.4%	20.8%	9.8%	86.75%	-50.91%	169.8%	-41.1%	-19.5%	
ICCO Cocoa US\$/mt	2,417	0.22	0.5%	2.2%	4.3%	-7.1%	0.51%	-9.80%	2.5%	5.1%	27.7%	
ICO Coffee US\$/lb	176	0.70	-0.5%	-2.0%	16.3%	37.2%	29.03%	-3.70%	-1.1%	27.3%	-19.3%	
Equities												
Domestic												
PGK K Arbitrage												
Bank South Pacific	14.52	12.30	0.29	0.0%	0.0%	0.8%	2.5%	2.50%	0.00%	1.9%	14.8%	8.0%
Credit Corporation		1.69	0.00	0.0%	-0.6%	-0.6%	-0.6%	0.00%	0.00%	6.3%	18.5%	-18.2%
City Pharmacy		0.80	1.00	0.0%	0.0%	0.0%	60.0%	60.00%	0.00%	-38.3%	24.6%	-13.3%
Kina Asset Management Limited		1.00	0.00	0.0%	0.0%	0.0%	11.1%	11.11%	0.00%	-5.3%	0.0%	0.0%
Kina Securities Limited	2.54	3.25	0.83	0.0%	0.0%	-0.3%	8.3%	1.56%	6.67%	-11.0%	27.2%	6.0%
Steamship Trading Company	24.64	35.46	0.00	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	609.2%	0.0%	
Oil Search Limited	10.27	10.51	0.97	0.0%	0.0%	-0.9%	10.4%	5.79%	5.25%	-45.0%	-5.2%	1.3%
Newcrest Mining Limited	67.69	75.00	0.00	0.0%	0.0%	0.0%	-8.0%	-7.98%	0.00%	16.4%	38.6%	-11.4%
Australia												
A2 Milk Company Limited	5.97	0.06	-1.6%	1.9%	-17.1%	-47.9%	-23.37%	-31.62%	-19.9%	38.6%	40.0%	
ANZ Banking Group Limited	28.50	0.94	1.0%	2.9%	2.3%	25.6%	-0.11%	24.14%	-7.8%	0.7%	-14.9%	
BSP Financial Group	5.60	1.00	0.0%	1.8%								
BHP Billiton Limited	52.10	0.90	-2.0%	-2.6%	5.3%	22.8%	7.22%	6.76%	9.0%	13.7%	15.8%	
Boral Limited	7.03	0.90	-1.1%	-2.1%	-4.9%	42.0%	33.88%	10.91%	10.5%	-9.3%	-36.6%	
Bougainville Copper Limited	0.46	0.48	-1.1%	-2.1%	-8.0%	58.6%	39.53%	48.28%	-10.8%	103.1%	-40.7%	
Bank of Queensland	9.29	1.00	1.2%	3.0%	4.3%	20.0%	5.32%	11.76%	6.8%	-25.3%	-23.7%	
Brambles Limited	11.65	0.99	0.7%	0.3%	2.3%	9.9%	8.13%	-0.19%	-9.6%	15.5%	0.8%	
Commonwealth Bank of Australia	103.75	0.95	0.3%	4.1%	5.2%	26.4%	15.99%	4.86%	2.8%	10.4%	-9.9%	
CSL	297.93	0.72	1.4%	3.1%	8.2%	5.2%	7.76%	-6.54%	2.7%	48.9%	31.0%	
Fortescue Mining	23.05	0.69	-0.9%	-7.5%	-3.4%	-1.6%	16.76%	-14.68%	119.2%	155.1%	-14.1%	
Horizon Oil Ltd	0.12	0.93	2.1%	0.0%	14.3%	93.5%	26.51%	33.87%	-48.3%	20.0%	7.5%	
Kina Securities Ltd	0.98	0.60	0.5%	-0.5%	-8.4%	8.9%	14.59%	2.78%	-39.6%	56.8%	27.5%	
Kina Petroleum Ltd	0.06		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	-1.7%	-38.9%	
Macquarie Group Ltd	157.78	0.92	0.5%	0.6%	2.3%	13.9%	2.36%	10.36%	0.5%	26.9%	9.1%	
Mirvac Group	2.95	0.95	0.0%	3.1%	0.7%	11.7%	16.80%	-5.30%	-17.0%	42.0%	-4.7%	
National Australia Bank	26.69	0.92	0.6%	2.9%	2.3%	18.1%	0.85%	15.04%	-8.2%	2.3%	-18.6%	
Newcrest Mining Limited	26.10	0.29	-2.0%	-1.5%	1.5%	1.2%	3.52%	-5.28%	-14.8%	38.8%	-4.5%	
Oil Search Limited	3.96	0.70	1.0%	3.9%	1.8%	6.7%	-7.07%	10.51%	-48.8%	1.3%	-8.1%	
Origin Energy Ltd	4.27	0.22	-1.6%	3.9%	-6.2%	-10.3%	-3.84%	-1.47%	-43.7%	30.6%	-31.3%	
Pilbara Minerals Ltd	2.09	1.00	3.5%	18.1%	40.3%	140.2%	38.76%	20.11%	210.7%	-55.2%	-43.9%	
Qbe Insurance Group Ltd	11.22	0.91	1.4%	3.0%	6.9%	31.5%	12.16%	12.78%	-33.8%	27.5%	-5.4%	
Rio Tinto Limited	130.05	0.90	-1.6%	-2.5%	3.7%	14.2%	14.35%	-2.71%	13.4%	27.9%	3.5%	
ResMed Inc	37.27	1.00	0.2%	3.2%	11.5%	36.9%	29.74%	-7.27%	24.3%	37.6%	44.9%	
Steamship Trading Company	9.50	0.58	0.0%	0.0%	-1.8%	-3.6%	7.56%	-8.63%	-21.2%	-33.2%	8.0%	
Suncorp Metway Limited	11.86	1.00	0.5%	2.8%	5.2%	21.8%	12.22%	1.64%	-24.8%	2.6%	-8.9%	
Sydney Airport	7.72	0.92	1.3%	-1.2%	-0.1%	20.4%	-6.46%	-3.43%	-26.0%	28.7%	-4.5%	
Transurban Group	14.31	0.60	0.6%	0.1%	-0.8%	4.8%	6.83%	-2.49%	-8.4%	28.0%	-6.3%	
Telstra Corporation Limited	3.80	1.00	0.5%	0.5%	1.3%	27.5%	10.59%	14.09%	-15.8%	24.2%	-21.5%	
Treasury Wine Estates Limited	12.05	0.95	-0.3%	1.2%	1.3%	28.2%	12.85%	10.11%	-42.1%	9.7%	-7.3%	
Westpac Banking Corporation	25.12	0.83	0.9%	2.4%	-1.0%	29.7%	5.74%	26.02%	-20.1%	-3.2%	-20.1%	
Worley Limited	11.30	0.45	1.4%	1.2%	-1.3%	-1.7%	14.01%	-8.70%	-25.0%	34.1%	-16.1%	
Woolworths Limited	40.05	0.52	0.7%	3.3%	5.2%	1.9%	-6.70%	3.97%	8.7%	22.9%	7.8%	
Woodside Petroleum Limited	22.00	0.49	1.4%	0.4%	-6.1%	-3.3%	-7.46%	5.54%	-33.9%	9.8%	-5.3%	
International												
iShare MSCI All Asia ex Japan	USD \$	88.16	0.49	-0.9%	0.4%	-3.8%	-1.7%	1.76%	3.49%	22.2%	15.6%	-16.7%
Blackrock Int Equity Fund*	AUD \$	20.89	0.99	0.1%	0.2%	0.0%	16.1%	9.55%	6.15%	-0.6%	23.5%	-6.6%
Blackrock Australian Equity Fund*	AUD \$	1.91	0.96	0.1%	1.3%	-0.1%	9.8%	8.72%	0.88%	-2.3%	19.1%	-11.0%
Vanguard International Share*	AUD \$	2.89	0.99	0.1%	0.2%	2.9%	15.5%	8.35%	4.85%	-0.1%	22.7%	-2.9%
Vanguard FTSE World exUS	USD \$	63.07	0.86	-0.5%	0.9%	-0.3%	8.1%	4.47%	3.98%	8.6%	17.9%	-16.7%
Vanguard FTSE Europe	USD \$	69.25	0.95	-0.5%	1.1%	1.8%	15.0%	6.76%	4.58%	2.8%	20.5%	-17.8%
iShares Core MSCI Europe	USD \$	58.92	0.95	-0.4%	1.1%	1.9%	14.9%	6.13%	5.25%	2.8%	20.7%	-17.6%
iShares Asia 50	USD \$	84.11	0.44	-0.9%	0.2%	-4.9%	-3.5%	-0.57%	5.75%	32.1%	19.3%	-16.3%
iShares MSCI Japan	USD \$	67.82	0.72	-0.2%	1.1%	-0.9%	0.4%	-1.43%	1.42%	14.0%	16.9%	-15.4%
Acadian Global Managed Volatility Equity Fund		1.78	0.97	-0.1%	0.3%	2.6%	14.6%	9.20%	3.82%	-11.5%	8.1%	-6.1%
Lazard Global Managed Volatility Fund - Australia*		1.12	0.96	-0.3%	0.6%	0.7%	12.8%	5.36%	6.31%	-22.7%	14.9%	-1.1%
Robeco Emerging Conservative Equity Fund - Australia		1.42	0.79	0.4%	0.6%	-2.2%	9.5%	0.97%	6.12%	-15.4%	10.4%	-0.6%