

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 15-Sep-21	52 wk	Movement for the period				Q2 2021	Q1 2021	2020	2019	2018
			Day	Week	Month	YTD					
Interest Rates											
Central Bank Bills											
28 days	1.31%		0.00%	-0.01%	-0.01%	-0.02%	0.00%	0.00%	1.33%	1.39%	1.39%
60 days	2.00%		0.00%	0.00%	-0.01%	-0.07%	-0.02%	-0.03%	2.07%	2.30%	2.35%
90 days	1.98%	0.00	0.00%	-0.01%	-0.02%	-0.06%	-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%	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	4.35%	0.03	0.00%	0.00%	0.00%	-0.06%	-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%	0.00%	6.04%	6.04%	6.72%
364 days	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	8.50%		0.00%	0.00%	0.00%		0.46%	0.00%	8.04%		
GIS 3Y 2020-23	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%	0.59	0.02%	-0.04%	0.04%	0.39%	-0.27%	0.83%	0.91%	1.92%	2.68%
United Kingdom	0.78%	0.84	0.04%	0.03%	0.21%	0.58%	-0.13%	0.65%	0.20%	0.82%	1.28%
Australia	1.21%	0.41	-0.05%	-0.09%	0.07%	0.24%	-0.26%	0.82%	0.97%	1.37%	2.32%
New Zealand	1.85%	0.89	-0.09%	-0.17%	0.07%	0.86%	-0.04%	0.82%	0.99%	1.65%	2.37%
France	0.03%	0.61	0.04%	0.01%	0.16%	0.37%	0.17%	0.29%	-0.34%	0.12%	0.71%
Japan	0.04%	0.20	-0.02%	-0.01%	0.02%	0.02%	-0.04%	0.07%	0.02%	-0.01%	0.00%
Australia											
RBA Cash Rate											
Latest 12 mth % change											
PNG CPI Index											
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	0.3894	0.63	0.2%	0.8%	-0.8%	5.3%	1.07%	1.43%	-11.7%	-0.5%	6.1%
PGK/GBP	0.2062	0.27	0.0%	-0.4%	-0.6%	-1.4%	-0.87%	-0.67%	-6.6%	-4.4%	1.8%
PGK/NZD	0.4019	0.36	0.2%	0.1%	-2.4%	1.8%	0.30%	2.91%	-9.5%	-1.4%	1.5%
PGK/JPY	31.230	0.77	-0.4%	-0.8%	0.0%	6.3%	-0.32%	7.52%	-7.9%	-2.7%	-6.1%
AUD/USD	0.7321	0.32	-0.2%	-0.8%	0.8%	-5.0%	-1.05%	-1.41%	9.9%	-0.7%	-9.5%
USD/JPY	109.570	0.98	-0.5%	-0.8%	0.0%	6.2%	-0.32%	7.50%	-5.1%	-1.5%	-2.1%
EUR/USD	1.1807	0.25	0.0%	-0.2%	0.8%	-3.9%	1.62%	-4.76%	9.7%	-1.9%	-4.4%
GBP/USD	1.3822	0.70	-0.1%	0.4%	0.6%	1.4%	0.86%	0.72%	3.9%	3.4%	-5.7%
Equity Indices											
Papua New Guinea											
KS Index	5,847.03	0.60	0.0%	0.0%	0.1%	-3.3%	-4.28%	0.93%	-3.4%	21.1%	-5.4%
KS Home Index	14,582.98	0.88	-0.8%	2.0%	4.7%	9.5%	4.65%	0.00%	1.5%	15.0%	4.8%
Australia											
All Ordinaries	7,723.21	0.91	-0.2%	-1.1%	-0.6%	12.7%	8.09%	2.43%	0.7%	19.1%	-7.4%
S&P/ASX 100	6,115.77	0.87	-0.3%	-1.3%	-1.4%	12.7%	7.86%	3.26%	-2.1%	18.9%	-6.5%
S&P/ASX 20	4,074.40	0.81	-0.4%	-1.8%	-2.7%	12.6%	8.52%	4.94%	-1.5%	15.3%	-5.2%
S&P/ASX 50	7,099.10	0.85	-0.4%	-1.4%	-1.9%	12.5%	7.52%	3.99%	-4.9%	19.1%	-5.9%
S&P/ASX 50 Accumulation	83,733.40	0.91	-0.4%	-1.4%	-0.7%	16.4%	8.18%	5.26%	-1.9%	24.4%	-1.5%
S&P/ASX Midcap 50	9,386.60	0.96	-0.1%	-0.8%	1.7%	13.9%	9.82%	-0.67%	14.5%	17.7%	-10.5%
S&P/ASX Small Ordinaries	3,539.00	0.94	0.2%	-0.6%	1.7%	14.5%	8.07%	1.34%	6.6%	17.9%	-11.3%
S&P/ASX 200	7,417.03	0.88	-0.3%	-1.3%	-1.1%	12.6%	7.69%	3.09%	-1.5%	18.4%	-6.9%
S&P/ASX 200 Accumulation	85,301.55	0.94	-0.3%	-1.2%	-0.1%	16.1%	8.29%	4.26%	1.4%	23.4%	-2.8%
S&P/ASX 300	7,422.09	0.89	-0.3%	-1.2%	-1.0%	12.9%	7.89%	3.00%	-1.1%	18.8%	-7.1%
S&P/ASX 200 Energy	7,760.70	0.53	-2.2%	2.2%	2.7%	-3.7%	-2.88%	2.86%	-29.9%	18.2%	-10.8%
S&P/ASX 200 Materials	16,037.20	0.52	-1.4%	-0.3%	-6.4%	2.4%	8.86%	0.66%	13.4%	22.1%	-2.3%
S&P/ASX 200 Industrials	6,540.40	0.85	-0.3%	-2.8%	0.5%	9.5%	5.78%	-1.83%	-14.1%	22.6%	-3.8%
S&P/ASX 200 Consumer Discretionary	3,520.30	0.87	-0.3%	-1.3%	-1.4%	21.0%	11.09%	7.44%	8.6%	27.2%	-10.7%
S&P/ASX 200 Consumer Staples	13,454.00	0.62	-0.3%	-1.6%	-5.8%	6.4%	5.13%	-0.80%	3.6%	18.0%	1.0%
S&P/ASX 200 Healthcare	46,913.90	0.91	1.2%	-1.5%	1.6%	12.1%	9.02%	-2.90%	3.0%	41.2%	17.3%
S&P/ASX 200 Financials	6,695.80	0.95	-0.3%	-1.8%	0.6%	23.1%	7.47%	11.32%	-9.0%	7.4%	-14.8%
S&P/ASX 200 Information Technology	2,323.80	0.87	1.0%	-2.3%	1.0%	5.7%	12.10%	-11.53%	56.3%	31.8%	5.5%
S&P/ASX 200 Telecommunication Services	1,546.80	0.93	-0.2%	-1.9%	-0.3%	21.9%	10.59%	7.05%	0.9%	22.3%	-21.4%
S&P/ASX 200 Utilities	5,872.00	0.11	-1.8%	-2.1%	-5.2%	-8.3%	-5.83%	-2.64%	-21.5%	10.1%	-10.1%
S&P/ASX 200 A-REIT	1,652.60	0.97	1.1%	0.6%	2.9%	14.5%	8.94%	-1.13%	-8.0%	14.0%	-2.1%
S&P/ASX 200 Financial-x-A-REIT	7,468.10	0.95	-0.3%	-1.8%	0.6%	23.1%	7.47%	11.32%	-9.0%	7.4%	-14.8%
North American											
DJIA	34,814.39	0.91	0.7%	-0.6%	-0.4%	13.7%	4.61%	7.76%	7.2%	22.3%	-5.6%
S&P 500	4,480.70	0.96	0.8%	-0.7%	1.8%	19.3%	8.17%	5.77%	16.3%	28.9%	-6.2%
NASDAQ	15,161.53	0.95	0.8%	-0.8%	4.4%	17.6%	9.49%	2.78%	43.6%	35.2%	-3.9%
Toronto S&P/TSX	20,693.79	0.98	0.7%	-0.2%	1.9%	18.7%	7.83%	7.27%	2.2%	19.1%	-11.6%
Europe											
FTSE	7,016.49	0.88	-0.2%	-1.1%	-2.1%	8.6%	4.82%	3.92%	-14.3%	12.1%	-12.5%
DAX	15,616.00	0.92	-0.7%	0.0%	-2.2%	13.8%	3.48%	9.40%	3.5%	25.5%	-18.3%
CAC 40	6,583.62	0.87	-1.0%	-1.3%	-2.8%	18.6%	7.26%	9.29%	-7.1%	26.4%	-11.0%
Asia											
Nikkei	30,511.71	0.98	-0.5%	1.1%	10.6%	11.2%	-1.33%	6.32%	16.0%	18.2%	-12.1%
Hang Seng	25,033.21	0.21	-1.8%	-4.9%	-3.2%	-8.1%	1.58%	4.21%	-3.4%	9.1%	-13.6%
Shanghai	3,656.22	0.88	-0.2%	-0.5%	4.9%	5.3%	4.34%	-0.90%	13.9%	22.3%	-24.6%
Sensex	58,723.20	1.00	0.8%	0.8%	5.6%	23.0%	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

	15-Sep-21	52 wk	Movement for the period				Q2 2021	Q1 2021	2020	2019	2018	
			Day	Week	Month	YTD						
Indices												
MSCI AC Asia-ex-Japan* USD	631.04	0.50	-0.8%	-2.5%	2.7%	-0.9%	3.60%	2.70%	25.0%	18.2%	-14.4%	
MSCI ACWI-ex-Australia* USD	374.79	0.95	0.0%	-0.7%	1.2%	15.4%	7.40%	4.59%	16.4%	26.7%	-9.4%	
MSCI ACWI-ex-Australia* TR AUD	14,526.56	0.95	0.7%	-0.1%	0.1%	23.9%	9.33%	6.33%	5.7%	28.0%	1.5%	
MSCI All Country World Index* USD	378.54	0.95	0.3%	-0.7%	1.2%	15.3%	7.39%	4.57%	16.3%	26.6%	-9.4%	
MSCI ACWI Minimum Volatility USD	2,348.80	0.91	0.0%	-1.1%	0.5%	9.2%	4.77%	1.24%	0.6%	18.5%	-3.5%	
MSCI World Net Local	7,102.96	0.96	0.3%	-0.7%	0.8%	18.7%	7.58%	6.14%	13.5%	27.3%	-7.4%	
iShare Emerging Markets	52.18	0.59	0.0%	-0.9%	3.5%	1.0%	3.39%	3.23%	15.2%	14.9%	-17.1%	
VIX Volatility S&P500	18.18	0.12	-6.6%	1.2%	-15.7%	-20.1%	-18.40%	-14.73%	65.1%	-45.8%	130.3%	
Commodities												
Light Crude WTI Futures US\$/bbl	72.61	0.93	3.1%	4.8%	10.9%	49.6%	24.19%	21.93%	-20.5%	34.5%	-24.8%	
Brent Crude US\$/bbl	75.46	0.96	2.5%	3.9%	10.6%	45.7%	18.24%	22.66%	-21.5%	22.7%	-19.5%	
Gold US\$/oz	1,794.80	0.43	-0.7%	0.1%	0.6%	-5.3%	3.26%	-9.47%	24.4%	18.9%	-2.1%	
Silver US\$/oz	23.80	0.17	-0.4%	-1.1%	1.4%	-9.9%	6.77%	-7.12%	47.4%	15.3%	-9.4%	
Copper US\$/lb	4.41	0.81	2.0%	4.1%	7.0%	25.2%	7.35%	13.54%	25.8%	6.3%	-20.3%	
Iron Ore US\$/mt	128.18	0.11	-5.3%	-8.5%	-18.8%	-17.0%	35.96%	0.49%	82.0%	20.5%	-0.5%	
Malaysian Palm Oil* RM/tn	4,700	0.91	1.5%	-0.4%	3.3%	20.8%	-6.87%	4.37%	28.0%	51.7%	-18.0%	
LNG *Jap/Korea US\$/mmBtu	19.02	0.95	0.4%	2.0%	13.4%	33.0%	86.75%	-50.91%	169.8%	-41.1%	-19.5%	
ICCO Cocoa US\$/mt	2,703	0.57	0.3%	-0.9%	2.8%	3.8%	0.51%	-9.80%	2.5%	5.1%	27.7%	
ICO Coffee US\$/lb	187	0.80	2.2%	-0.4%	4.1%	45.8%	29.03%	-3.70%	-1.1%	27.3%	-19.3%	
Equities			Percentage changes									
Domestic												
Bank South Pacific	13.87	0.29	0.0%	0.0%	0.0%	2.5%	2.50%	0.00%	1.9%	14.8%	8.0%	
Credit Corporation	1.68	0.90	-1.2%	-1.2%	-1.2%	-1.2%	0.00%	0.00%	6.3%	18.5%	-18.2%	
City Pharmacy	1.00	1.00	0.0%	11.1%	25.0%	100.0%	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	2.17	0.83	0.0%	0.0%	0.0%	8.3%	1.56%	6.67%	-11.0%	27.2%	6.0%	
Steamship Trading Company	25.68	0.43	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	609.2%	0.0%	
Oil Search Limited	9.81	1.00	0.0%	0.0%	0.1%	11.4%	5.79%	5.25%	-45.0%	-5.2%	1.3%	
Newcrest Mining Limited	63.12	0.60	0.0%	0.0%	0.0%	-8.0%	-7.98%	0.00%	16.4%	38.6%	-11.4%	
Australia												
A2 Milk Company Limited	5.52	0.04	0.2%	-0.4%	-16.1%	-51.8%	-23.37%	-31.62%	-19.9%	38.6%	40.0%	
ANZ Banking Group Limited	27.61	0.85	-0.4%	-1.5%	-3.0%	21.6%	-0.11%	24.14%	-7.8%	0.7%	-14.9%	
BSP Financial Group	5.40	0.96	0.0%	0.0%								
BHP Billiton Limited	40.26	0.32	-3.5%	-3.2%	-15.6%	-5.1%	7.22%	6.76%	9.0%	13.7%	15.8%	
Boral Limited	6.07	0.53	-0.7%	3.6%	-9.5%	22.6%	33.88%	10.91%	10.5%	-9.3%	-36.6%	
Bougainville Copper Limited	0.36	0.24	0.0%	-5.3%	-10.0%	24.1%	39.53%	48.28%	-10.8%	103.1%	-40.7%	
Bank of Queensland	9.14	0.86	-0.9%	-6.0%	-2.6%	18.1%	5.32%	11.76%	6.8%	-25.3%	-23.7%	
Brambles Limited	11.00	0.49	-2.1%	-10.2%	-9.2%	3.8%	8.13%	-0.19%	-9.6%	15.5%	0.8%	
Commonwealth Bank of Australia	101.41	0.85	-0.2%	-1.5%	1.6%	23.5%	15.99%	4.86%	2.8%	10.4%	-9.9%	
CSL	304.88	0.81	1.4%	-2.0%	3.9%	7.7%	7.76%	-6.54%	2.7%	48.9%	31.0%	
Fortescue Mining	17.82	0.17	-1.4%	-0.6%	-16.9%	-23.9%	16.76%	-14.68%	119.2%	155.1%	-14.1%	
Horizon Oil Ltd	0.08	0.43	0.0%	1.2%	0.0%	33.9%	26.51%	33.87%	-48.3%	20.0%	7.5%	
Kina Securities Ltd	0.85	0.27	-0.6%	-6.6%	-11.5%	-6.1%	14.59%	2.78%	-39.6%	56.8%	27.5%	
Kina Petroleum Ltd	0.06	0.00	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	-1.7%	-38.9%	
Macquarie Group Ltd	178.01	0.98	-0.2%	-0.6%	8.8%	28.5%	2.36%	10.36%	0.5%	26.9%	9.1%	
Mirvac Group	3.09	0.96	1.6%	2.3%	0.3%	17.0%	16.80%	-5.30%	-17.0%	42.0%	-4.7%	
National Australia Bank	28.14	0.94	-0.3%	-2.5%	1.8%	24.5%	0.85%	15.04%	-8.2%	2.3%	-18.6%	
Newcrest Mining Limited	24.58	0.15	0.4%	1.9%	2.7%	-4.7%	3.52%	-5.28%	-14.8%	38.8%	-4.5%	
Oil Search Limited	3.82	0.63	-3.0%	1.9%	0.5%	3.0%	-7.07%	10.51%	-48.8%	1.3%	-8.1%	
Origin Energy Ltd	4.42	0.37	-3.5%	-1.6%	1.1%	-7.1%	-3.84%	-1.47%	-43.7%	30.6%	-31.3%	
Pilbara Minerals Ltd	2.45	1.00	8.4%	12.9%	15.0%	181.6%	38.76%	20.11%	210.7%	-55.2%	-43.9%	
Qbe Insurance Group Ltd	11.72	0.80	-2.1%	-1.8%	-7.3%	37.4%	12.16%	12.78%	-33.8%	27.5%	-5.4%	
Rio Tinto Limited	104.63	0.31	-1.9%	-3.3%	-8.0%	-8.1%	14.35%	-2.71%	13.4%	27.9%	3.5%	
ResMed Inc	39.80	0.96	1.8%	0.6%	1.9%	46.2%	29.74%	-7.27%	24.3%	37.6%	44.9%	
Steamship Trading Company	10.00	1.00	0.0%	2.0%	4.7%	1.5%	7.56%	-8.63%	-21.2%	-33.2%	8.0%	
Suncorp Metway Limited	12.59	0.93	-1.0%	-2.7%	1.9%	29.3%	12.22%	1.64%	-24.8%	2.6%	-8.9%	
Sydney Airport	8.20	0.94	-0.4%	2.6%	5.3%	27.9%	-6.46%	-3.43%	-26.0%	28.7%	-4.5%	
Transurban Group	13.88	0.46	0.4%	-4.3%	0.4%	1.6%	6.83%	-2.49%	-8.4%	28.0%	-6.3%	
Telstra Corporation Limited	3.93	0.93	-0.8%	-0.3%	-1.0%	31.9%	10.59%	14.09%	-15.8%	24.2%	-21.5%	
Treasury Wine Estates Limited	12.25	0.82	-0.2%	0.2%	-3.5%	30.3%	12.85%	10.11%	-42.1%	9.7%	-7.3%	
Westpac Banking Corporation	25.79	0.89	0.3%	-1.1%	-0.1%	33.1%	5.74%	26.02%	-20.1%	-3.2%	-20.1%	
Worley Limited	10.02	0.18	-4.3%	-4.8%	-10.1%	-12.8%	14.01%	-8.70%	-25.0%	34.1%	-16.1%	
Woolworths Limited	39.35	0.40	0.1%	-1.6%	-5.2%	0.1%	-6.70%	3.97%	8.7%	22.9%	7.8%	
Woodside Petroleum Limited	20.53	0.35	-1.3%	4.6%	1.2%	-9.7%	-7.46%	5.54%	-33.9%	9.8%	-5.3%	
International												
iShare MSCI All Asia ex Japan	USD \$	88.02	0.44	-0.4%	-1.7%	3.1%	-1.8%	1.76%	3.49%	22.2%	15.6%	-16.7%
Blackrock Int Equity Fund*	AUD \$	21.37	0.95	0.7%	-0.1%	0.1%	18.8%	9.55%	6.15%	-0.6%	23.5%	-6.6%
Blackrock Australian Equity Fund*	AUD \$	1.91	0.94	-0.1%	-1.4%	-0.1%	10.1%	8.72%	0.88%	-2.3%	19.1%	-11.0%
Vanguard International Share*	AUD \$	2.96	0.95	0.7%	-0.1%	0.1%	18.1%	8.35%	4.85%	-0.1%	22.7%	-2.9%
Vanguard FTSE World exUS	USD \$	64.02	0.92	0.4%	0.1%	2.7%	9.7%	4.47%	3.98%	8.6%	17.9%	-16.7%
Vanguard FTSE Europe	USD \$	69.17	0.93	0.0%	-0.3%	-0.1%	14.8%	6.76%	4.58%	2.8%	20.5%	-17.8%
iShares Core MSCI Europe	USD \$	58.83	0.93	0.0%	-0.3%	0.0%	14.7%	6.13%	5.25%	2.8%	20.7%	-17.6%
iShares Asia 50	USD \$	81.37	0.32	-0.5%	-3.0%	1.1%	-6.7%	-0.57%	5.75%	32.1%	19.3%	-16.3%
iShares MSCI Japan	USD \$	74.12	1.00	1.0%	2.6%	10.2%	9.7%	-1.43%	1.42%	14.0%	16.9%	-15.4%
Acadian Global Managed Volatility Equity Fund		1.83	0.93	0.6%	0.2%	0.2%	18.1%	9.20%	3.82%	-11.5%	8.1%	-6.1%
Lazard Global Managed Volatility Fund - Australia*		1.15	0.85	0.4%	0.3%	-0.6%	15.2%	5.36%	6.31%	-22.7%	14.9%	-1.1%
Robeco Emerging Conservative Equity Fund - Australia		1.46	1.00	0.9%	1.5%	3.2%	12.9%	0.97%	6.12%	-15.4%	10.4%	-0.6%

*Lazard performance since inception 28.02.17