

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 02-Jul-21	52 wk	Movement for the period				YTD	Q1 2021	Q4 2020	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%	-0.04%	1.33%	1.39%	1.39%	
60 days		2.02%	0.00%	0.00%	-0.01%	-0.05%	-0.03%	0.00%	2.07%	2.30%	2.35%	
90 days		2.00%	0.00%	0.00%	-0.02%	-0.04%	-0.02%	-0.37%	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%	-0.01%	-0.07%	-0.02%	-0.23%	4.41%	4.68%	4.71%	
273 days		6.04%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.04%	6.04%	6.72%	
364 days	reported Thursday/Friday	7.20%	1.00%	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%	0.00%	0.00%	0.00%	8.04%			
GIS 3Y 2020-23	reported Thursday/Friday	9.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	9.00%			
GIS 4Y 2020-24		9.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.84%			
GIS 5Y 2020-25		9.70%	0.00%	0.00%	-0.20%	0.00%	0.00%	0.00%	9.86%			
GIS 6Y 2020-26		9.80%	0.00%	0.00%	-0.50%	0.00%	0.00%	0.00%	10.02%			
GIS 9Y 2020-29		9.90%	0.00%	0.00%	-1.35%	0.00%	0.00%	0.00%	11.82%			
GIS 10Y 2020-30		9.90%	0.00%	0.00%	-1.59%	0.00%	0.00%	0.00%	12.53%			
GIS 30Y 2020-30		3.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.00%	6.25%	6.25%	
Kina Facility Rate												
Ten year Government Bond yields												
United States		1.42%	0.74	-0.03%	-0.10%	-0.13%	0.51%	0.83%	0.23%	0.91%	1.92%	2.68%
United Kingdom		0.70%	0.76	-0.03%	-0.08%	-0.09%	0.51%	0.65%	-0.03%	0.20%	0.82%	1.28%
Australia		1.48%	0.63	-0.04%	-0.09%	-0.21%	0.51%	0.82%	0.18%	0.97%	1.37%	2.32%
New Zealand		1.82%	0.93	-0.07%	0.01%	-0.02%	0.83%	0.82%	0.49%	0.99%	1.65%	2.37%
France		0.09%	0.70	-0.03%	-0.10%	-0.06%	0.43%	0.29%	-0.10%	-0.34%	0.12%	0.71%
Japan		0.05%	0.25	0.00%	0.00%	-0.04%	0.02%	0.07%	0.01%	0.02%	-0.01%	0.00%
Australia	RBA Cash Rate	0.10%		0.00%	0.00%	0.00%	0.00%	0.00%	-0.15%	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%	-0.35%	-2.9%	-1.2%	-4.0%
PGK/AUD		0.3818	0.48	0.3%	1.7%	2.5%	3.2%	1.43%	-8.12%	-11.7%	-0.5%	6.1%
PGK/GBP		0.2071	0.26	0.4%	1.2%	2.3%	-1.0%	-0.67%	-6.19%	-6.6%	-4.4%	1.8%
PGK/NZD		0.4091	0.45	0.2%	1.6%	2.5%	3.7%	2.91%	-9.20%	-9.5%	-1.4%	1.5%
PGK/JPY		31.810	1.00	0.4%	0.7%	1.2%	8.2%	7.52%	-2.59%	-7.9%	-2.7%	-6.1%
AUD/USD		0.7465	0.47	-0.3%	-1.7%	-2.5%	-3.1%	-1.41%	8.46%	9.9%	-0.7%	-9.5%
USD/JPY		111.610	1.00	0.4%	0.7%	1.2%	8.2%	7.50%	-2.24%	-5.1%	-1.5%	-2.1%
EUR/USD		1.1840	0.39	0.0%	-0.8%	-2.2%	-3.7%	-4.76%	4.79%	9.7%	-1.9%	-4.4%
GBP/USD		1.3763	0.69	-0.4%	-1.2%	-2.3%	1.0%	0.72%	6.21%	3.9%	3.4%	-5.7%
Equity Indices												
Papua New Guinea												
KSI Index		5,843.40	0.71	0.0%	0.0%	0.1%	-3.4%	0.93%	5.17%	-3.4%	21.1%	-5.4%
KSI Home Index		13,931.40	0.43	0.0%	0.0%	-5.6%	4.7%	0.00%	-0.04%	1.5%	15.0%	4.8%
Australia												
All Ordinaries		7,587.07	0.97	0.6%	0.1%	0.6%	10.8%	2.43%	14.00%	0.7%	19.1%	-7.4%
S&P/ASX 100		6,043.00	0.95	0.6%	0.1%	0.0%	11.3%	3.26%	13.36%	-2.1%	18.9%	-6.5%
S&P/ASX 20		4,114.80	0.94	0.5%	0.3%	-0.4%	13.7%	4.94%	14.70%	-1.5%	15.3%	-5.2%
S&P/ASX 50		7,046.50	0.93	0.5%	0.0%	-0.4%	11.6%	3.99%	12.72%	-4.9%	19.1%	-5.9%
S&P/ASX 200 Accumulation		81,791.00	0.94	0.5%	0.1%	-0.3%	13.7%	5.26%	13.18%	-1.9%	24.4%	-1.5%
S&P/ASX Midcap 50		9,044.70	1.00	1.1%	0.8%	2.7%	9.7%	-0.67%	16.63%	14.5%	17.7%	-10.5%
S&P/ASX Small Ordinaries		3,376.40	0.97	0.3%	-0.8%	1.4%	9.3%	1.34%	13.29%	6.6%	17.9%	-11.3%
S&P/ASX 200		7,308.55	0.95	0.6%	0.0%	0.2%	11.0%	3.09%	13.26%	-1.5%	18.4%	-6.9%
S&P/ASX 200 Accumulation		82,885.55	0.96	0.6%	0.1%	0.3%	12.8%	4.26%	13.70%	1.4%	23.4%	-2.8%
S&P/ASX 300		7,301.91	0.95	0.6%	0.0%	0.2%	11.1%	3.00%	13.35%	-1.1%	18.8%	-7.1%
S&P/ASX 200 Energy		8,158.20	0.66	1.8%	0.5%	-4.4%	1.2%	2.86%	26.17%	-29.9%	18.2%	-10.8%
S&P/ASX 200 Materials		17,216.60	0.81	0.2%	0.6%	-0.3%	9.9%	0.66%	15.25%	13.4%	22.1%	-2.3%
S&P/ASX 200 Industrials		6,217.20	0.85	1.2%	-0.2%	-0.2%	4.1%	-1.83%	4.59%	-14.1%	22.6%	-3.8%
S&P/ASX 200 Consumer Discretionary		3,472.30	1.00	1.3%	1.0%	4.0%	19.3%	7.44%	10.93%	8.6%	27.2%	-10.7%
S&P/ASX 200 Consumer Staples		13,019.10	0.68	0.0%	0.8%	0.7%	3.0%	-0.80%	6.25%	3.6%	18.0%	1.0%
S&P/ASX 200 Healthcare		43,953.10	0.73	0.1%	-0.2%	1.1%	5.0%	-2.90%	-1.14%	3.0%	41.2%	17.3%
S&P/ASX 200 Financials		6,497.30	0.90	0.8%	0.0%	-2.5%	19.5%	11.32%	21.82%	-9.0%	7.4%	-14.8%
S&P/ASX 200 Information Technology		2,178.10	0.70	-0.1%	-3.1%	13.4%	-1.0%	-11.53%	24.72%	56.3%	31.8%	5.5%
S&P/ASX 200 Telecommunication Services		1,513.60	1.00	0.9%	3.2%	5.6%	19.3%	7.05%	12.29%	0.9%	22.3%	-21.4%
S&P/ASX 200 Utilities		5,894.40	0.09	0.8%	-3.9%	-3.1%	-7.9%	-2.64%	-7.12%	-21.5%	10.1%	-10.1%
S&P/ASX 200 A-REIT		1,551.40	0.90	0.5%	-2.1%	1.3%	7.5%	-1.13%	11.82%	-8.0%	14.0%	-2.1%
S&P/ASX 200 Financial-x-A-REIT		7,246.60	0.90	0.8%	0.0%	-2.5%	19.5%	11.32%	21.82%	-9.0%	7.4%	-14.8%
North American												
DJIA		34,786.35	1.00	0.4%	1.0%	0.1%	13.7%	7.76%	10.17%	7.2%	22.3%	-5.6%
S&P 500		4,352.34	1.00	0.8%	1.7%	2.9%	15.9%	5.77%	11.69%	16.3%	28.9%	-6.2%
NASDAQ		14,639.33	1.00	0.8%	1.9%	6.0%	13.6%	2.78%	15.41%	43.6%	35.2%	-3.9%
Toronto S&P/TSX		20,226.11	1.00	0.3%	0.0%	1.0%	16.0%	7.27%	8.14%	2.2%	19.1%	-11.6%
Europe												
FTSE		7,123.27	0.96	0.0%	-0.2%	0.8%	10.3%	3.92%	10.13%	-14.3%	12.1%	-12.5%
DAX		15,650.09	0.98	0.3%	0.3%	-0.3%	14.1%	9.40%	7.51%	3.5%	25.5%	-18.3%
CAC 40		6,552.86	0.95	0.0%	-1.1%	0.6%	18.0%	9.29%	15.57%	-7.1%	26.4%	-11.0%
Asia												
Nikkei		28,783.28	0.81	0.3%	-1.0%	-0.5%	4.9%	6.32%	18.37%	16.0%	18.2%	-12.1%
Hang Seng		28,310.42	0.65	-1.8%	-3.3%	-2.1%	4.0%	4.21%	16.08%	-3.4%	9.1%	-13.6%
Shanghai		3,518.76	0.64	-2.0%	-2.5%	-2.0%	1.3%	-0.90%	7.92%	13.9%	22.3%	-24.6%
Sensex		52,484.67	0.97	0.3%	-0.8%	0.7%	9.9%	3.68%	25.44%	15.8%	14.4%	5.9%

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 % 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

		02-Jul-21	52 Movement for the period					Q1 2021	Q4 2020	2020	2019	2018
			52 wk	Day	Week	Month	YTD					
Indices												
MSCI AC Asia-ex-Japan*	USD	666.34	0.72	-1.2%	-1.8%	-1.6%	4.6%	2.70%	18.60%	25.0%	18.2%	-14.4%
MSCI ACWI-ex-Australia*	USD	367.21	1.00	0.4%	0.5%	1.4%	13.1%	4.59%	15.08%	16.4%	26.7%	-9.4%
MSCI ACWI-ex-Australia*	TR AUD	13,793.46	1.00	0.4%	2.3%	5.2%	17.7%	6.33%	5.33%	5.7%	28.0%	1.5%
MSCI All Country World Index*	USD	371.03	1.00	0.4%	0.4%	1.3%	13.0%	4.57%	14.68%	16.3%	26.6%	-9.4%
MSCI ACWI Minimum Volatility USD		2,292.02	0.98	0.3%	0.3%	0.5%	6.6%	1.24%	6.07%	0.6%	18.5%	-3.5%
MSCI World Net Local		6,900.64	1.00	0.6%	1.0%	2.5%	15.3%	6.14%	12.36%	13.5%	27.3%	-7.4%
iShare Emerging Markets		54.78	0.79	-0.1%	-1.3%	-2.2%	6.0%	3.23%	17.19%	15.2%	14.9%	-17.1%
VIX Volatility S&P500		15.07	0.00	-2.6%	-3.5%	-8.2%	-33.8%	-14.73%	-13.73%	65.1%	-45.8%	130.3%
Commodities												
Light Crude WTI Futures	US\$/bbl	75.16	1.00	-0.1%	1.5%	8.0%	54.9%	21.93%	20.64%	-20.5%	34.5%	-24.8%
Brent Crude	US\$/bbl	76.17	1.00	0.4%	0.0%	6.0%	47.0%	22.66%	26.50%	-21.5%	22.7%	-19.5%
Gold	US\$/oz	1,783.30	0.27	0.4%	0.3%	-5.7%	-5.9%	-9.47%	-0.02%	24.4%	18.9%	-2.1%
Silver	US\$/oz	26.50	0.57	1.5%	1.4%	-5.0%	0.3%	-7.12%	12.42%	47.4%	15.3%	-9.4%
Copper	US\$/lb	4.28	0.75	0.9%	-0.3%	-5.0%	21.5%	13.54%	16.04%	25.8%	6.3%	-20.3%
Iron Ore	US\$/mt	214.43	0.83	1.6%	2.1%	3.4%	38.9%	0.49%	30.94%	82.0%	20.5%	-0.5%
Malaysian Palm Oil* RM/tn		3,898	0.55	1.5%	5.3%	-7.8%	0.2%	4.37%	37.06%	28.0%	51.7%	-18.0%
LNG *Jap/Korea	US\$/mmBtu	13.12	0.62	-0.9%	2.8%	23.7%	-8.3%	50.91%	183.17%	169.8%	-41.1%	-19.5%
ICCO Cocoa	US\$/mt	2,290	0.40	-1.5%	-2.6%	-4.9%	-12.0%	-9.80%	2.24%	2.5%	5.1%	27.7%
ICO Coffee	US\$/lb	153	0.84	-2.2%	-3.0%	-5.6%	18.9%	-3.70%	15.59%	-1.1%	27.3%	-19.3%
Equities												
Domestic												
PGK K												
Arbitrage												
PNGK												
Bank South Pacific		12.30	0.29	0.0%	0.0%	0.0%	2.5%	0.00%	0.00%	1.9%	14.8%	8.0%
Credit Corporation		1.70	0.20	0.0%	0.0%	-10.5%	0.0%	0.00%	0.00%	6.3%	18.5%	-18.2%
City Pharmacy		0.80	1.00	0.0%	0.0%	14.3%	60.0%	0.00%	0.00%	-38.3%	24.6%	-13.3%
Kina Asset Management Limited		1.00	0.00	0.0%	0.0%	-7.4%	11.1%	0.00%	-5.26%	-5.3%	0.0%	0.0%
Kina Securities Limited	2.80	3.25	0.83	0.0%	0.0%	0.0%	8.3%	6.67%	-9.09%	-11.0%	27.2%	6.0%
Steamship Trading Company	25.35	35.46	0.00	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	609.2%	0.0%
Oil Search Limited	10.11	10.60	1.00	0.0%	0.0%	1.0%	11.3%	5.25%	-4.80%	-45.0%	-5.2%	1.3%
Newcrest Mining Limited	66.42	75.00	0.61	0.0%	0.0%	0.0%	-8.0%	0.00%	8.67%	16.4%	38.6%	-11.4%
Australia												
A2 Milk Company Limited		6.52	0.09	5.2%	2.8%	14.4%	-43.1%	-31.62%	-18.51%	-19.9%	38.6%	40.0%
ANZ Banking Group Limited		28.32	0.93	1.0%	0.1%	-3.0%	24.8%	24.14%	31.82%	-7.8%	0.7%	-14.9%
BHP Billiton Limited		48.55	0.83	0.7%	1.4%	-0.4%	14.4%	6.76%	19.19%	9.0%	13.7%	15.8%
Boral Limited		7.36	1.00	0.0%	0.3%	6.4%	48.7%	10.91%	8.55%	10.5%	-9.3%	-36.6%
Bougainville Copper Limited		0.55	0.67	0.0%	3.8%	-8.3%	89.7%	48.28%	11.54%	-10.8%	103.1%	-40.7%
Bank of Queensland		9.15	0.97	1.9%	1.3%	1.7%	18.2%	11.76%	35.08%	6.8%	-25.3%	-23.7%
Brambles Limited		11.41	0.98	1.0%	2.0%	4.0%	7.6%	-0.19%	1.05%	-9.6%	15.5%	0.8%
Commonwealth Bank of Australia		99.49	0.85	0.8%	0.2%	-3.0%	21.2%	4.86%	29.08%	2.8%	10.4%	-9.9%
CSL		284.19	0.53	0.2%	-0.3%	-2.5%	0.4%	-6.54%	-1.33%	2.7%	48.9%	31.0%
Fortescue Mining		23.58	0.77	0.0%	2.9%	2.7%	0.6%	-14.68%	43.74%	119.2%	155.1%	-14.1%
Horizon Oil Ltd		0.11	1.00	0.0%	4.8%	10.0%	77.4%	33.87%	6.90%	-48.3%	20.0%	7.5%
Kina Securities Ltd		1.07	0.81	0.9%	0.5%	1.9%	18.9%	2.78%	12.50%	-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		156.91	0.90	1.4%	1.3%	1.9%	13.3%	10.36%	15.82%	0.5%	26.9%	9.1%
Mirvac Group		2.92	0.92	1.7%	-2.0%	0.3%	10.6%	-5.30%	21.10%	-17.0%	42.0%	-4.7%
National Australia Bank		26.23	0.88	0.7%	0.2%	-4.7%	16.1%	15.04%	27.32%	-8.2%	2.3%	-18.6%
Newcrest Mining Limited		25.36	0.16	-1.7%	-3.0%	-7.6%	-1.6%	-5.28%	-17.48%	-14.8%	38.8%	-4.5%
Oil Search Limited		3.86	0.65	1.3%	1.3%	-6.5%	4.0%	10.51%	40.53%	-48.8%	1.3%	-8.1%
Origin Energy Ltd		4.57	0.34	1.6%	-3.4%	-3.2%	-4.0%	-1.47%	10.70%	-43.7%	30.6%	-31.3%
Pilbara Minerals Ltd		1.46	0.93	0.0%	-2.0%	9.8%	67.2%	20.11%	167.69%	210.7%	-55.2%	-43.9%
Qbe Insurance Group Ltd		10.66	0.75	-0.6%	-3.8%	-5.9%	25.0%	12.78%	-0.93%	-33.8%	27.5%	-5.4%
Rio Tinto Limited		125.71	0.83	-0.2%	0.4%	0.9%	10.4%	-2.71%	20.68%	13.4%	27.9%	3.5%
ResMed Inc		32.95	1.00	0.5%	1.4%	22.8%	21.0%	-7.27%	13.98%	24.3%	37.6%	44.9%
Steamship Trading Company		9.68	0.73	0.0%	-3.2%	1.8%	-1.7%	-8.63%	2.60%	-21.2%	-33.2%	8.0%
Suncorp Metway Limited		11.11	0.92	1.2%	0.9%	-1.7%	14.1%	1.64%	15.27%	-24.8%	2.6%	-8.9%
Sydney Airport		5.81	0.37	1.0%	-0.9%	-5.1%	-9.4%	-3.43%	9.39%	-26.0%	28.7%	-4.5%
Transurban Group		14.29	0.59	1.3%	-1.7%	0.1%	4.6%	-2.49%	-3.19%	-8.4%	28.0%	-6.3%
Telstra Corporation Limited		3.79	1.00	0.8%	5.6%	5.9%	27.2%	14.09%	7.19%	-15.8%	24.2%	-21.5%
Treasury Wine Estates Limited		11.55	0.73	-0.4%	-0.8%	-3.3%	22.9%	10.11%	5.15%	-42.1%	9.7%	-7.3%
Westpac Banking Corporation		25.64	0.88	0.0%	-1.0%	-4.6%	32.4%	26.02%	15.02%	-20.1%	-3.2%	-20.1%
Worley Limited		11.62	0.62	1.6%	-2.4%	-5.1%	1.1%	-8.70%	20.31%	-25.0%	34.1%	-16.1%
Woolworths Limited		37.59	0.20	0.2%	2.2%	-13.3%	-4.4%	3.97%	7.91%	8.7%	22.9%	7.8%
Woodside Petroleum Limited		22.95	0.58	3.0%	1.8%	-4.7%	0.9%	5.54%	29.35%	-33.9%	9.8%	-5.3%
International												
iShare MSCI All Asia ex Japan	USD \$	93.62	0.70	-0.2%	-1.3%	-2.0%	4.4%	3.49%	16.10%	22.2%	15.6%	-16.7%
Blackrock Int Equity Fund*	AUD \$	20.89	0.99	0.0%	1.1%	3.9%	16.1%	6.15%	5.62%	-0.6%	23.5%	-6.6%
Blackrock Australian Equity Fund*	AUD \$	1.91	0.96	0.0%	0.7%	0.4%	9.9%	0.88%	12.62%	-2.3%	19.1%	-11.0%
Vanguard International Share*	AUD \$	2.80	0.90	-1.7%	-0.7%	2.0%	11.7%	4.85%	5.11%	-0.1%	22.7%	-2.9%
Vanguard FTSE World exUS	USD \$	63.57	0.89	0.2%	-0.9%	-2.4%	8.9%	3.98%	15.68%	8.6%	17.9%	-16.7%
Vanguard FTSE Europe	USD \$	67.85	0.88	0.3%	-0.7%	-2.6%	12.6%	4.58%	14.90%	2.8%	20.5%	-17.8%
iShares Core MSCI Europe	USD \$	57.76	0.88	0.3%	-0.7%	-3.0%	12.6%	5.25%	14.69%	2.8%	20.7%	-17.6%
iShares Asia 50	USD \$	90.37	0.65	-0.5%	-2.1%	-2.7%	3.7%	5.75%	21.37%	32.1%	19.3%	-16.3%
iShares MSCI Japan	USD \$	67.91	0.77	0.6%	-0.7%	-2.4%	0.5%	1.42%	14.37%	14.0%	16.9%	-15.4%
Acadian Global Managed Volatility Equity Fund		1.76	0.99	0.0%	0.8%	1.2%	13.3%	3.82%	-0.17%	-11.5%	8.1%	-6.1%
Lazard Global Managed Volatility Fund - Australia*		1.11	1.00	0.0%	1.4%	2.7%	12.0%	6.31%	-3.20%	-22.7%	14.9%	-1.1%
Robeco Emerging Conservative Equity Fund - Australia		1.45	1.00	3.9%	5.0%	0.9%	12.0%	6.12%	4.80%	-15.4%	10.4%	-0.6%

*Lazard performance since inception 28.02.17