

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 03-Jan-22	52 wk	Movement for the period				YTD	Q3 2021	Q2 2021	2020	2019	2018
			Day	Week	Month	YTD						
Interest Rates												
Central Bank Bills												
Change to today's price from closing prices of prior period												
C-bill auctions on Wednesday; reported Thursday/Friday	1.29%		0.00%	0.00%	0.00%	-0.04%	-0.02%	0.00%	1.33%	1.39%	1.39%	
28 days	1.99%		0.00%	0.00%	0.01%	-0.08%	-0.02%	-0.02%	2.07%	2.30%	2.35%	
60 days	1.95%	0.00	0.00%	0.00%	-0.02%	-0.09%	-0.02%	-0.02%	2.04%	2.50%	2.51%	
90 days	4.55%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	4.55%	4.55%	
182 days												
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	4.29%	0.00	0.00%	-0.03%	-0.05%	-0.12%	0.01%	-0.05%	4.41%	4.68%	4.71%	
273 days	5.95%	0.00	0.00%	-0.06%	-0.08%	-0.09%	0.00%	0.00%	6.04%	6.04%	6.72%	
364 days	7.04%		0.00%	-0.13%	-0.16%	-0.16%	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%		0.00%	0.46%	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%		0.00%	-0.16%	9.86%			
GIS 6Y 2020-26	9.80%		0.00%	0.00%	0.00%		0.00%	-0.22%	10.02%			
GIS 9Y 2020-29	9.90%		0.00%	0.00%	0.00%		0.00%	-1.92%	11.82%			
GIS 10Y 2020-30	9.90%		0.00%	0.00%	0.00%		0.00%	-2.63%	12.53%			
Kina Facility Rate												
	3.00%		0.00%	0.00%	0.00%		0.00%	0.00%	3.00%	6.25%	6.25%	
Ten year Government Bond yields												
United States	1.63%	0.84	0.12%	0.15%	0.19%	0.71%	0.02%	-0.27%	0.91%	1.92%	2.68%	
United Kingdom	0.97%	0.75	0.00%	0.05%	0.23%	0.77%	0.31%	-0.13%	0.20%	0.82%	1.28%	
Australia	1.79%	0.71	0.12%	0.23%	0.21%	0.82%	-0.04%	-0.26%	0.97%	1.37%	2.32%	
New Zealand	2.39%	0.83	0.00%	0.06%	0.04%	1.40%	0.33%	-0.04%	0.99%	1.65%	2.37%	
France	0.25%	0.92	0.05%	0.12%	0.28%	0.59%	0.03%	0.17%	-0.34%	0.12%	0.71%	
Japan	0.07%	0.42	0.00%	0.01%	0.03%	0.05%	0.01%	-0.04%	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	4.30%							0.90%	2.90%	4.30%	4.50%	
Currencies												
Percentage changes												
PGK/USD	0.2850		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	-2.9%	-1.2%	-4.0%	
PGK/AUD	0.3932	0.73	0.1%	-0.1%	-3.2%	6.3%	4.35%	1.07%	-11.7%	-0.5%	6.1%	
PGK/GBP	0.2111	0.69	0.0%	-0.5%	-2.0%	1.0%	3.01%	-0.87%	-6.6%	-4.4%	1.8%	
PGK/NZD	0.4173	0.83	0.0%	-0.2%	-1.1%	5.8%	1.82%	0.30%	-9.5%	-1.4%	1.5%	
PGK/JPY	32.870	0.99	0.2%	0.4%	2.0%	11.8%	1.24%	-0.32%	-7.9%	-2.7%	-6.1%	
AUD/USD	0.7249	0.24	-0.1%	0.1%	3.3%	-5.9%	-4.16%	-1.05%	9.9%	-0.7%	-9.5%	
USD/JPY	115.330	0.99	0.2%	0.4%	2.0%	11.8%	1.27%	-0.32%	-5.1%	-1.5%	-2.1%	
EUR/USD	1.1340	0.12	0.3%	0.1%	0.5%	-7.7%	-2.53%	1.62%	9.7%	-1.9%	-4.4%	
GBP/USD	1.3502	0.29	0.1%	0.5%	2.0%	-0.9%	-2.94%	0.86%	3.9%	3.4%	-5.7%	
Equity Indices												
Papua New Guinea												
KSi Index	5,861.53	0.25	0.0%	0.0%	0.3%	-3.1%	0.05%	-4.28%	-3.4%	21.1%	-5.4%	
KSi Home Index	14,391.40	0.74	0.0%	0.0%	-0.5%	8.1%	5.48%	4.65%	1.5%	15.0%	4.8%	
Australia												
All Ordinaries	7,779.21	0.88	0.0%	-0.6%	3.3%	13.6%	0.59%	8.09%	0.7%	19.1%	-7.4%	
S&P/ASX 100	6,148.52	0.81	0.0%	-0.7%	2.5%	13.3%	0.04%	7.86%	-2.1%	18.9%	-6.5%	
S&P/ASX 20	4,058.10	0.61	0.0%	-0.7%	2.1%	12.1%	-2.17%	8.52%	-1.5%	15.3%	-5.2%	
S&P/ASX 50	7,092.90	0.72	0.0%	-0.8%	2.1%	12.4%	-0.48%	7.52%	-4.9%	19.1%	-5.9%	
S&P/ASX 50 Accumulation	84,175.10	0.88	0.0%	0.3%	2.2%	17.0%	1.14%	8.18%	-1.9%	24.4%	-1.5%	
S&P/ASX Midcap 50	9,765.70	0.94	0.0%	-0.4%	4.8%	18.5%	2.98%	9.82%	14.5%	17.7%	-10.5%	
S&P/ASX Small Ordinaries	3,529.40	0.88	0.0%	0.0%	6.0%	14.2%	2.64%	8.07%	6.6%	17.9%	-11.3%	
S&P/ASX 200	7,444.64	0.82	0.0%	-0.7%	2.8%	13.0%	0.26%	7.69%	-1.5%	18.4%	-6.9%	
S&P/ASX 200 Accumulation	86,117.72	0.94	0.0%	-0.6%	2.9%	17.2%	1.71%	8.29%	1.4%	23.4%	-2.8%	
S&P/ASX 300	7,453.91	0.84	0.0%	-0.6%	3.0%	13.4%	0.36%	7.89%	-1.1%	18.8%	-7.1%	
S&P/ASX 200 Energy	7,900.40	0.31	0.0%	-1.2%	0.8%	-2.0%	7.63%	-2.88%	-29.9%	18.2%	-10.8%	
S&P/ASX 200 Materials	16,740.00	0.56	0.0%	0.1%	6.6%	6.8%	-13.29%	8.86%	13.4%	22.1%	-2.3%	
S&P/ASX 200 Industrials	6,645.40	0.92	0.0%	-0.1%	2.6%	11.2%	5.91%	5.78%	-14.1%	22.6%	-3.8%	
S&P/ASX 200 Consumer Discretionary	3,529.60	0.84	0.0%	-1.1%	1.0%	21.3%	1.63%	11.09%	8.6%	27.2%	-10.7%	
S&P/ASX 200 Consumer Staples	13,543.90	0.61	0.0%	-0.3%	-1.2%	7.1%	3.23%	5.13%	3.6%	18.0%	1.0%	
S&P/ASX 200 Healthcare	45,183.10	0.74	0.0%	-0.9%	0.3%	8.0%	2.09%	9.02%	3.0%	41.2%	17.3%	
S&P/ASX 200 Financials	6,536.40	0.31	0.0%	-1.0%	2.6%	20.2%	3.96%	7.47%	-9.0%	7.4%	-14.8%	
S&P/ASX 200 Information Technology	2,137.70	0.57	0.0%	-0.7%	0.6%	-2.8%	4.42%	12.10%	56.3%	31.8%	5.5%	
S&P/ASX 200 Telecommunication Services	1,630.00	0.96	0.0%	-0.4%	2.4%	28.5%	3.47%	10.59%	0.9%	22.3%	-21.4%	
S&P/ASX 200 Utilities	6,692.90	0.91	0.0%	-1.5%	4.6%	4.6%	3.66%	-5.83%	-21.5%	10.1%	-10.1%	
S&P/ASX 200 A-REIT	1,754.50	0.94	0.0%	-0.9%	4.1%	21.6%	3.66%	8.94%	-8.0%	14.0%	-2.1%	
S&P/ASX 200 Financial-x-A-REIT	7,290.30	0.71	0.0%	-1.0%	2.6%	20.2%	3.96%	7.47%	-9.0%	7.4%	-14.8%	
North American												
DJIA	36,585.06	1.00	0.7%	0.5%	3.9%	19.5%	-1.91%	4.61%	7.2%	22.3%	-5.6%	
S&P 500	4,796.56	1.00	0.6%	0.2%	4.5%	27.7%	0.23%	8.17%	16.3%	28.9%	-6.2%	
NASDAQ	15,832.80	0.93	1.2%	0.3%	4.0%	22.8%	-0.38%	9.49%	43.6%	35.2%	-3.9%	
Toronto S&P/TSX	21,222.84	0.88	0.0%	0.0%	1.7%	21.7%	-0.47%	7.83%	2.2%	19.1%	-11.6%	
Europe												
FTSE	7,384.54	0.96	0.0%	0.2%	2.1%	14.3%	0.70%	4.82%	-14.3%	12.1%	-12.5%	
DAX	16,020.73	0.92	0.9%	0.4%	4.2%	16.8%	-1.74%	3.48%	3.5%	25.5%	-18.3%	
CAC 40	7,217.22	1.00	0.9%	0.5%	5.1%	30.0%	0.19%	7.26%	-7.1%	26.4%	-11.0%	
Asia												
Nikkei	28,719.71	0.49	0.0%	-1.0%	3.1%	4.9%	2.30%	-1.33%	16.0%	18.2%	-12.1%	
Hang Seng	23,274.75	0.06	-0.5%	0.0%	-0.3%	-14.5%	-14.75%	1.58%	-3.4%	9.1%	-13.6%	
Shanghai	3,639.78	0.79	0.0%	0.3%	1.4%	4.8%	-0.64%	4.34%	13.9%	22.3%	-24.6%	
Sensex	59,183.22	0.83	1.6%	2.2%	4.3%	23.9%	12.66%	6.01%	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

		03-Jan-22	52 wk	Movement for the period				Q3 2021	Q2 2021	2020	2019	2018	
				Day	Week	Month	YTD						
Indices													
MSCI AC Asia-ex-Japan*	USD	606.83	0.16	0.0%	0.5%	1.6%	-4.7%	-9.33%	3.60%	25.0%	18.2%	-14.4%	
MSCI ACWI-ex-Australia*	USD	385.40	0.98	0.0%	-0.2%	4.3%	18.7%	-0.34%	7.40%	16.4%	26.7%	-9.4%	
MSCI ACWI-ex-Australia*	TR AUD	15,187.51	0.97	0.0%	-0.8%	1.1%	29.6%	5.33%	9.33%	5.7%	28.0%	1.5%	
MSCI All Country World Index*	USD	389.04	0.98	0.0%	-0.1%	3.5%	18.5%	-1.05%	7.39%	16.3%	26.6%	-9.4%	
MSCI ACWI Minimum Volatility USD	USD	2,396.97	0.97	-0.4%	-0.2%	3.9%	11.5%	-0.42%	4.77%	0.6%	18.5%	-3.5%	
MSCI World Net Local		7,465.92	1.00	0.5%	0.1%	4.0%	24.8%	0.58%	7.58%	13.5%	27.3%	-7.4%	
iShare Emerging Markets		49.20	0.17	0.7%	0.9%	-0.2%	-4.8%	-8.65%	3.39%	15.2%	14.9%	-17.1%	
VIX Volatility S&P500		16.60	0.07	-3.6%	-5.4%	-38.9%	-27.0%	46.18%	-18.40%	65.1%	-45.8%	130.3%	
Commodities													
Light Crude WTI Futures	US\$/bbl	76.08	0.74	0.6%	-0.1%	9.5%	56.8%	2.12%	24.19%	-20.5%	34.5%	-24.8%	
Brent Crude	US\$/bbl	78.99	0.77	1.0%	0.1%	8.1%	52.5%	4.51%	18.24%	-21.5%	22.7%	-19.5%	
Gold	US\$/oz	1,800.10	0.53	-1.7%	-0.4%	1.2%	-5.0%	-0.82%	3.26%	24.4%	18.9%	-2.1%	
Silver	US\$/oz	22.81	0.17	-2.6%	-1.0%	2.5%	-13.6%	-15.83%	6.77%	47.4%	15.3%	-9.4%	
Copper	US\$/lb	4.42	0.72	-1.1%	-0.4%	1.9%	25.6%	-4.66%	7.35%	25.8%	6.3%	-20.3%	
Iron Ore	US\$/mt	112.65	0.21	0.0%	-3.2%	21.2%	-27.0%	-44.63%	35.96%	82.0%	20.5%	-0.5%	
Malaysian Palm Oil* RM/tn		5,259	0.91	1.9%	0.8%	0.3%	35.2%	27.79%	-6.87%	28.0%	51.7%	-18.0%	
LNG *Jap/Korea	US\$/mmBtu	30.51	0.57	0.0%	-23.6%	-11.3%	113.3%	137.19%	86.75%	169.8%	-41.1%	-19.5%	
ICCO Cocoa	US\$/mt	2,499	0.48	-0.8%	0.6%	2.9%	-4.0%	12.37%	0.51%	2.5%	5.1%	27.7%	
ICO Coffee	US\$/lb	223	0.79	-1.2%	-1.0%	-10.8%	74.1%	21.74%	29.03%	-1.1%	27.3%	-19.3%	
Equities													
Domestic													
				Percentage changes									
Bank South Pacific	PGK K	Arbitrage	PNGX										
Bank South Pacific		10.86	12.25	0.17	0.0%	0.0%	-0.4%	2.1%	0.00%	2.50%	1.9%	14.8%	8.0%
Credit Corporation			1.68	0.00	0.0%	0.0%	-0.6%	-1.2%	0.00%	0.00%	6.3%	18.5%	-18.2%
City Pharmacy			0.95	0.90	0.0%	0.0%	0.0%	90.0%	25.00%	60.00%	-38.3%	24.6%	-13.3%
Kina Asset Management Limited			0.99		0.0%	0.0%	-1.0%	10.0%	0.00%	11.11%	-5.3%	0.0%	0.0%
Kina Securities Limited		2.17	2.95	0.45	0.0%	0.0%	-7.8%	-1.7%	0.00%	1.56%	-11.0%	27.2%	6.0%
Steamship Trading Company		25.43	35.46		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	609.2%	0.0%
Australia													
A2 Milk Company Limited		5.46	0.06	0.0%	-2.5%	0.2%	-52.3%	4.00%	-23.37%	-19.9%	38.6%	40.0%	
ANZ Banking Group Limited		27.51	0.65	0.0%	-1.4%	1.7%	21.2%	0.00%	-0.11%	-7.8%	0.7%	-14.9%	
BSP Financial Group		4.27	0.17	0.0%	0.5%	-0.2%	-17.9%	*		*since first trade			
BHP Billiton Limited		41.50	0.32	0.0%	0.0%	4.8%	-2.2%	-22.57%	7.22%	9.0%	13.7%	15.8%	
Boral Limited		6.10	0.49	0.0%	-1.0%	-2.7%	23.2%	-16.46%	33.88%	10.5%	-9.3%	-36.6%	
Bougainville Copper Limited		0.31	0.06	0.0%	-1.6%	-10.3%	5.2%	-40.00%	39.53%	-10.8%	103.1%	-40.7%	
Bank of Queensland		8.09	0.23	0.0%	-1.7%	6.4%	4.5%	2.74%	5.32%	6.8%	-25.3%	-23.7%	
Brambles Limited		10.63	0.29	0.0%	-0.6%	2.8%	0.3%	-5.86%	8.13%	-9.6%	15.5%	0.8%	
Commonwealth Bank of Australia		101.00	0.68	0.0%	-1.0%	3.9%	23.0%	4.47%	15.99%	2.8%	10.4%	-9.9%	
CSL		290.72	0.62	0.0%	-1.2%	-1.9%	2.7%	2.88%	7.76%	2.7%	48.9%	31.0%	
Fortescue Mining		19.21	0.43	0.0%	-0.7%	12.0%	-18.0%	-35.90%	16.76%	119.2%	155.1%	-14.1%	
Horizon Oil Ltd		0.09	0.41	0.0%	2.2%	5.7%	48.4%	-14.29%	26.51%	-48.3%	20.0%	7.5%	
Kina Securities Ltd		0.86	0.16	0.0%	4.9%	5.6%	-5.0%	-13.68%	14.59%	-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		205.40	0.97	0.0%	-0.9%	2.7%	48.3%	16.35%	2.36%	0.5%	26.9%	9.1%	
Mirvac Group		2.91	0.75	0.0%	-2.7%	-0.3%	10.2%	2.40%	16.80%	-17.0%	42.0%	-4.7%	
National Australia Bank		28.84	0.81	0.0%	-1.3%	2.9%	27.6%	6.14%	0.85%	-8.2%	2.3%	-18.6%	
Newcrest Mining Limited		24.48	0.34	0.0%	1.4%	5.9%	-5.0%	-10.44%	3.52%	-14.8%	38.8%	-4.5%	
Oil Search Limited		4.04	0.42	0.0%	0.0%	1.8%	8.9%	15.22%	-7.07%	-48.8%	1.3%	-8.1%	
Origin Energy Ltd		5.24	0.91	0.0%	-1.2%	7.4%	10.1%	4.88%	-3.84%	-43.7%	30.6%	-31.3%	
Pilbara Minerals Ltd		3.20	0.98	0.0%	1.9%	36.2%	267.8%	41.38%	38.76%	210.7%	-55.2%	-43.9%	
Qbe Insurance Group Ltd		11.35	0.72	0.0%	-1.5%	-4.1%	33.1%	8.06%	12.16%	-33.8%	27.5%	-5.4%	
Rio Tinto Limited		100.11	0.27	0.0%	0.1%	6.7%	-12.1%	-20.89%	14.35%	13.4%	27.9%	3.5%	
ResMed Inc		35.78	0.72	0.0%	-0.7%	-2.2%	31.4%	13.71%	29.74%	24.3%	37.6%	44.9%	
Steamship Trading Company		10.00	1.00	0.0%	0.0%	11.1%	1.5%	-1.86%	7.56%	-21.2%	-33.2%	8.0%	
Suncorp Metway Limited		11.07	0.42	0.0%	-1.3%	3.2%	13.7%	13.05%	12.22%	-24.8%	2.6%	-8.9%	
Sydney Airport		8.68	0.99	0.0%	-0.2%	3.8%	35.4%	42.31%	-6.46%	-26.0%	28.7%	-4.5%	
Transurban Group		13.82	0.56	0.0%	-0.3%	-0.7%	1.2%	-0.49%	6.83%	-8.4%	28.0%	-6.3%	
Telstra Corporation Limited		4.18	0.98	0.0%	0.5%	4.2%	40.3%	4.52%	10.59%	-15.8%	24.2%	-21.5%	
Treasury Wine Estates Limited		12.38	0.81	0.0%	-0.4%	6.7%	31.7%	6.25%	12.85%	-42.1%	9.7%	-7.3%	
Westpac Banking Corporation		21.35	0.16	0.0%	-1.1%	3.0%	10.2%	0.74%	5.74%	-20.1%	-3.2%	-20.1%	
Worley Limited		10.63	0.39	0.0%	-2.2%	4.8%	-7.5%	-17.14%	14.01%	-25.0%	34.1%	-16.1%	
Woolworths Limited		38.01	0.18	0.0%	-0.6%	-6.4%	-3.3%	3.20%	-6.70%	8.7%	22.9%	7.8%	
Woodside Petroleum Limited		21.93	0.33	0.0%	-1.2%	1.9%	-3.6%	7.52%	-7.46%	-33.9%	9.8%	-5.3%	
International													
iShare MSCI All Asia ex Japan	USD \$	83.28	0.14	0.7%	1.0%	-0.6%	-7.1%	-9.92%	1.76%	22.2%	15.6%	-16.7%	
Blackrock Int Equity Fund*	AUD \$	22.45	0.99	0.0%	0.8%	1.5%	24.8%	0.95%	9.55%	-0.6%	23.5%	-6.6%	
Blackrock Australian Equity Fund*	AUD \$	1.94	1.00	0.0%	1.8%	3.9%	11.8%	-2.54%	8.72%	-2.3%	19.1%	-11.0%	
Vanguard International Share*	AUD \$	3.08	0.97	-0.4%	0.4%	1.1%	23.1%	2.72%	8.35%	-0.1%	22.7%	-2.9%	
Vanguard FTSE World exUS	USD \$	61.68	0.46	0.7%	0.5%	1.6%	5.7%	-3.83%	4.47%	8.6%	17.9%	-16.7%	
Vanguard FTSE Europe	USD \$	68.89	0.84	1.0%	0.7%	4.1%	14.4%	-2.45%	6.76%	2.8%	20.5%	-17.8%	
iShares Core MSCI Europe	USD \$	58.68	0.85	0.9%	0.5%	3.6%	14.4%	-2.13%	6.13%	2.8%	20.7%	-17.6%	
iShares Asia 50	USD \$	76.94	0.10	0.5%	0.8%	-1.3%	-11.7%	-14.68%	-0.57%	32.1%	19.3%	-16.3%	
iShares MSCI Japan	USD \$	67.03	0.18	0.1%	-0.6%	-0.5%	-0.8%	4.01%	-1.43%	14.0%	16.9%	-15.4%	
Acadian Global Managed Volatility Equity Fund		1.71	0.59	-0.1%	1.1%	2.0%	10.3%	3.69%	9.20%	-11.5%	8.1%	-6.1%	
Lazard Global Managed Volatility Fund - Australia*		1.19	1.00	0.0%	0.9%	1.3%	19.7%	1.44%	5.36%	-22.7%	14.9%	-1.1%	
Robeco Emerging Conservative Equity Fund - Australia		1.47	0.87	0.0%	0.4%	0.0%	13.5%	5.15%	0.97%	-15.4%	10.4%	-0.6%	

*Lazard performance since inception 28.02.17