

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 11-Jan-22	52 wk	Movement for the period					YTD	Q4 2021	Q3 2021	2021	2020	2019
			Change to today's price from closing prices of prior period										
			Day	Week	Month	YTD	Q4 2021						
<p>Interest Rates</p> <p>Central Bank Bills</p> <p>C-bill auctions on Wednesday; reported Thursday/Friday</p> <p>28 days 1.29% 0.00% 0.00% 0.00% 0.00% 0.00% -0.01% -0.02% 1.29% 1.33% 1.39%</p> <p>60 days 1.99% 0.00% 0.00% 0.01% 0.00% 0.00% 0.00% -0.02% 1.99% 2.07% 2.30%</p> <p>90 days 1.95% 0.00% 0.00% 0.00% 0.00% 0.00% -0.03% -0.02% 1.95% 2.04% 2.50%</p> <p>182 days 4.55% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 4.55% 4.55% 4.55%</p> <p>Treasury Bills</p> <p>28 days 1.26% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.26% 1.26% 1.26%</p> <p>63 days 2.36% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.36% 2.36% 2.36%</p> <p>91 days 2.32% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 2.32% 2.32% 2.35%</p> <p>182 days 4.25% 0.00% -0.04% -0.08% -0.04% -0.04% -0.04% 0.01% 4.29% 4.41% 4.68%</p> <p>273 days 5.91% 0.00% -0.04% -0.12% -0.04% -0.04% -0.09% 0.00% 5.95% 6.04% 6.04%</p> <p>364 days 6.99% 0.00% -0.05% -0.21% -0.05% -0.05% -0.16% 0.00% 7.04% 7.20% 7.08%</p> <p>Government Inscribed Stock</p> <p>GIS 2Y 2020-22 8.50% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 8.50% 8.04%</p> <p>GIS 3Y 2020-23 9.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.00% 9.00%</p> <p>GIS 4Y 2020-24 9.84% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.84% 9.84%</p> <p>GIS 5Y 2020-25 9.70% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.70% 9.86%</p> <p>GIS 6Y 2020-26 9.80% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.80% 10.02%</p> <p>GIS 9Y 2020-29 9.90% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.90% 11.82%</p> <p>GIS 10Y 2020-30 9.90% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.90% 12.53%</p> <p>Kina Facility Rate</p> <p>3.00%</p> <p>Ten year Government Bond yields</p> <p>United States 1.74% 0.96 -0.02% 0.09% 0.25% 0.23% -0.04% 0.27% 1.51% 0.91% 1.92%</p> <p>United Kingdom 1.17% 0.97 -0.02% 0.08% 0.43% 0.20% -0.06% 0.46% 0.97% 0.20% 0.82%</p> <p>Australia 1.88% 0.79 -0.02% 0.13% 0.24% 0.21% -0.42% 0.31% 1.67% 0.97% 1.37%</p> <p>New Zealand 2.57% 0.94 0.00% 0.12% 0.10% 0.18% -0.25% 0.44% 2.39% 0.99% 1.65%</p> <p>France 0.35% 1.00 0.06% 0.11% 0.35% 0.15% -0.07% 0.26% 0.20% -0.34% 0.12%</p> <p>Japan 0.15% 0.95 0.01% 0.07% 0.10% 0.08% -0.03% 0.05% 0.07% 0.02% -0.01%</p> <p>Australia</p> <p>RBA Cash Rate 0.10%</p> <p>PNG CPI Index</p> <p>Latest 12 mth % change 4.30%</p> <p>Currencies</p> <p>Percentage changes</p> <p>PGK/USD 0.2850 0.00% 0.0% 0.0% 0.0% 0.0% 0.00% 0.00% 0.00% 0.0% -2.9%</p> <p>PGK/AUD 0.3963 0.80 0.0% 0.3% -0.7% 0.9% 3.94% 2.51% 6.2% -11.7% -0.5%</p> <p>PGK/GBP 0.2096 0.60 -0.1% -0.9% -2.8% -0.8% 2.18% 3.77% 1.0% -6.6% -4.4%</p> <p>PGK/NZD 0.4208 0.92 0.0% 0.4% 0.2% 0.8% 5.17% 1.77% 5.8% -9.5% -1.4%</p> <p>PGK/JPY 32.860 0.95 -0.4% -0.4% 1.6% 0.2% 1.33% 2.11% 11.6% -7.9% -2.7%</p> <p>AUD/USD 0.7192 0.18 0.0% -0.3% 0.7% -0.9% -3.80% -2.42% -5.8% 9.9% -0.7%</p> <p>USD/JPY 115.280 0.94 -0.5% -0.4% 1.6% 0.1% 1.32% 2.14% 11.6% -5.1% -1.5%</p> <p>EUR/USD 1.1342 0.12 0.1% 0.3% 0.4% 0.3% -3.08% -2.40% -8.0% 9.7% -1.9%</p> <p>GBP/USD 1.3597 0.38 0.1% 0.9% 2.8% 0.8% -2.15% -3.62% -1.0% 3.9% 3.4%</p> <p>Equity Indices</p> <p>Papua New Guinea</p> <p>Percentage changes</p> <p>KSi Index 5,853.20 0.22 0.0% -0.1% -0.1% -0.1% 0.29% 0.22% -3.1% -3.4% 21.1%</p> <p>KSi Home Index 14,391.40 0.74 0.0% 0.0% 0.0% 0.0% -0.45% 5.48% 8.1% 1.5% 15.0%</p> <p>Australia</p> <p>All Ordinaries 7,724.30 0.81 -0.2% -2.6% 0.7% -0.7% 1.83% -0.45% 13.6% 0.7% 19.1%</p> <p>S&P/ASX 100 6,130.50 0.79 -0.1% -2.2% 0.8% -0.3% 1.70% -1.10% 13.3% -2.1% 18.9%</p> <p>S&P/ASX 20 4,064.00 0.62 0.1% -1.5% 1.1% 0.1% 0.63% -3.41% 12.1% -1.5% 15.3%</p> <p>S&P/ASX 50 7,079.10 0.71 -0.1% -1.9% 0.7% -0.2% 1.07% -1.71% 12.4% -4.9% 19.1%</p> <p>S&P/ASX 50 Accumulation 83,852.70 0.86 -0.8% -2.1% 0.6% -0.4% 1.69% -0.12% 17.0% -1.9% 24.4%</p> <p>S&P/ASX Midcap 50 9,685.20 0.83 -0.1% -3.5% 1.6% -0.8% 5.25% 2.36% 18.5% 14.5% 17.7%</p> <p>S&P/ASX Small Ordinaries 3,422.50 0.67 -0.6% -4.8% -1.3% -3.0% 0.76% 1.96% 14.2% 6.6% 17.9%</p> <p>S&P/ASX 200 7,403.70 0.78 -0.2% -2.5% 0.7% -0.5% 1.65% -0.82% 13.0% -1.5% 18.4%</p> <p>S&P/ASX 200 Accumulation 85,488.90 0.84 -0.4% -2.6% 0.6% -0.7% 2.19% 0.60% 17.2% 1.4% 23.4%</p> <p>S&P/ASX 300 7,405.90 0.79 -0.2% -2.5% 0.6% -0.6% 1.57% -0.73% 13.4% -1.1% 18.8%</p> <p>S&P/ASX 200 Energy 8,302.50 0.53 0.5% 1.2% 5.0% 5.1% -6.30% 10.41% -2.0% -29.9% 18.2%</p> <p>S&P/ASX 200 Materials 17,435.80 0.73 0.7% 1.9% 9.1% 4.2% 12.99% -19.06% 6.8% 13.4% 22.1%</p> <p>S&P/ASX 200 Industrials 6,539.20 0.83 0.3% -2.9% -0.1% -1.6% 4.54% 1.60% 11.2% -14.1% 22.6%</p> <p>S&P/ASX 200 Consumer Discretionary 3,423.90 0.69 0.1% -5.2% -4.2% -3.0% -0.24% 2.15% 21.3% 8.6% 27.2%</p> <p>S&P/ASX 200 Consumer Staples 12,934.70 0.35 -1.2% -5.3% -6.7% -4.5% 1.85% 1.81% 7.1% 3.6% 18.0%</p> <p>S&P/ASX 200 Healthcare 43,026.00 0.52 -0.9% -6.2% -5.7% -4.8% -1.04% 0.92% 8.0% 3.0% 41.2%</p> <p>S&P/ASX 200 Financials 6,609.80 0.76 -0.1% -0.9% 2.5% 1.1% -4.08% 5.47% 20.2% -9.0% 7.4%</p> <p>S&P/ASX 200 Information Technology 1,995.90 0.35 -0.5% -8.6% -8.2% -6.6% -8.07% 12.14% -2.8% 56.3% 31.8%</p> <p>S&P/ASX 200 Telecommunication Services 1,573.80 0.78 -0.7% -5.0% -3.2% -3.4% 6.04% 4.93% 28.5% 0.9% 22.3%</p> <p>S&P/ASX 200 Utilities 6,895.00 1.00 0.3% 1.5% 6.9% 3.0% 10.71% 2.39% 4.6% -21.5% 10.1%</p> <p>S&P/ASX 200 A-REIT 1,669.30 0.74 -1.7% -6.7% -2.5% -4.9% 8.48% 3.36% 21.6% -8.0% 14.0%</p> <p>S&P/ASX 200 Financial-x-A-REIT 7,372.20 0.76 -0.1% -0.8% 2.5% 1.1% -4.08% 5.47% 20.2% -9.0% 7.4%</p> <p>North American</p> <p>DJIA 36,252.02 0.92 0.5% -1.5% 0.8% -0.2% 1.45% -3.12% 18.7% 7.2% 22.3%</p> <p>S&P 500 4,713.07 0.92 0.9% -1.7% 0.0% -1.1% 3.49% -2.00% 26.9% 16.3% 28.9%</p> <p>NASDAQ 15,153.45 0.74 1.4% -3.0% -3.1% -3.1% 0.95% -1.53% 21.4% 43.6% 35.2%</p> <p>Toronto S&P/TSX 21,274.81 0.89 1.0% 0.2% 1.8% 0.2% 0.88% -1.07% 21.7% 2.2% 19.1%</p> <p>Europe</p> <p>FTSE 7,491.37 0.98 0.6% -0.2% 2.7% 1.4% 2.03% 0.77% 14.3% -14.3% 12.1%</p> <p>DAX 15,941.81 0.88 1.1% -1.3% 2.0% 0.4% 1.25% -1.83% 15.8% 3.5% 25.5%</p> <p>CAC 40 7,183.38 0.90 1.0% -1.8% 2.7% 0.4% 4.72% -1.40% 28.9% -7.1% 26.4%</p> <p>Asia</p> <p>Nikkei 28,222.48 0.33 -0.9% -3.7% -0.8% -2.0% -0.35% 7.95% 4.9% 16.0% 18.2%</p> <p>Hang Seng 23,739.06 0.12 0.0% 1.9% -1.1% 1.5% -7.80% -5.34% -14.1% -3.4% 9.1%</p> <p>Shanghai 3,567.44 0.59 -0.7% -1.8% -2.7% -2.0% 2.61% 5.03% 4.8% 13.9% 22.3%</p> <p>Sensex 60,616.89 0.93 0.4% 1.3% 3.1% 4.1% -1.78% 12.44% 22.0% 15.8% 14.4%</p>													

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■	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

		11-Jan-22	52 wk	Movement for the period				Q4 2021	Q3 2021	2021	2020	2019
				Day	Week	Month	YTD					
Indices												
MSCI AC Asia-ex-Japan*	USD	610.50	0.19	0.5%	0.4%	-0.2%	0.6%	-2.56%	-1.98%	-4.7%	25.0%	18.2%
MSCI ACWI-ex-Australia*	USD	378.51	0.87	0.0%	-2.1%	-0.6%	-1.8%	1.55%	-1.06%	18.7%	16.4%	26.7%
MSCI ACWI-ex-Australia*	TR AUD	15,106.86	0.92	0.0%	-2.0%	-0.5%	-0.5%	5.44%	1.25%	29.6%	5.7%	28.0%
MSCI All Country World Index*	USD	385.42	0.92	0.9%	-1.2%	0.3%	-0.9%	1.50%	-1.73%	18.5%	16.3%	26.6%
MSCI ACWI Minimum Volatility USD		2,355.46	0.84	0.2%	-1.6%	0.4%	-2.1%	3.45%	-1.85%	12.0%	0.6%	18.5%
MSCI World Net Local		7,349.25	0.92	0.8%	-1.7%	0.2%	-1.1%	2.47%	-1.11%	24.2%	13.5%	27.3%
iShare Emerging Markets		50.02	0.25	2.3%	2.0%	-0.1%	2.4%	-4.07%	-2.36%	-5.5%	15.2%	14.9%
VIX Volatility S&P500		18.41	0.15	-5.1%	8.9%	-1.5%	6.9%	5.90%	26.86%	-24.3%	65.1%	-45.8%
Commodities												
Light Crude WTI Futures	US\$/bbl	81.22	0.89	3.5%	5.5%	13.3%	7.4%	-9.49%	1.46%	55.9%	-20.5%	34.5%
Brent Crude	US\$/bbl	83.75	0.92	3.6%	4.5%	11.4%	7.1%	-7.35%	2.87%	50.9%	-21.5%	22.7%
Gold	US\$/oz	1,818.50	0.61	1.0%	0.2%	1.9%	-0.7%	2.69%	-3.31%	-3.3%	24.4%	18.9%
Silver	US\$/oz	22.81	0.17	1.4%	-1.1%	2.8%	-2.6%	-2.23%	-13.70%	-11.3%	47.4%	15.3%
Copper	US\$/lb	4.43	0.73	1.2%	-1.0%	3.3%	-0.9%	2.36%	-8.78%	27.1%	25.8%	6.3%
Iron Ore	US\$/mt	117.32	0.24	0.0%	2.8%	18.9%	4.1%	-1.93%	-38.57%	-27.0%	82.0%	20.5%
Malaysian Palm Oil* RM/tn		5,300	0.92	-1.2%	-0.2%	1.1%	2.7%	-4.50%	3.80%	32.6%	28.0%	51.7%
LNG *Jap/Korea	US\$/mmBtu	32.92	0.62	-1.1%	0.5%	-6.5%	7.9%	1.65%	110.74%	113.3%	169.8%	-41.1%
ICCO Cocoa	US\$/mt	2,588	0.64	2.7%	5.1%	5.1%	2.7%	-0.94%	12.09%	-3.2%	2.5%	5.1%
ICO Coffee	US\$/lb	237	0.80	0.9%	2.3%	1.9%	4.8%	10.86%	8.05%	76.3%	-1.1%	27.3%
Equities												
Domestic												
				Percentage changes								
				Arbitrage								
				PNGX								
Bank South Pacific		12.00	0.00	0.0%	-2.0%	-2.4%	-2.0%	-0.41%	0.00%	2.1%	1.9%	14.8%
Credit Corporation		1.68	0.00	0.0%	0.0%	0.0%	0.0%	-0.59%	0.00%	-1.2%	6.3%	18.5%
City Pharmacy		0.95	0.90	0.0%	0.0%	0.0%	0.0%	0.00%	25.00%	90.0%	-38.3%	24.6%
Kina Asset Management Limited		0.99		0.0%	0.0%	0.0%	0.0%	-1.00%	0.00%	10.0%	-5.3%	0.0%
Kina Securities Limited	2.20	2.95	0.45	0.0%	0.0%	9.3%	0.0%	-7.81%	0.00%	-1.7%	-11.0%	27.2%
Steamship Trading Company	25.26	35.46		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	0.0%	0.0%
Australia												
A2 Milk Company Limited		5.51	0.07	-0.4%	-1.3%	-2.3%	0.9%	-12.64%	6.48%	-52.3%	-19.9%	38.6%
ANZ Banking Group Limited		28.00	0.74	-0.7%	0.0%	1.9%	1.8%	-2.24%	1.59%	21.2%	-7.8%	0.7%
BSP Financial Group		4.01	0.01	0.0%	-6.1%	-6.1%	-22.9%*			*since first	*since first trade	
BHP Billiton Limited		44.65	0.49	0.9%	5.4%	11.7%	7.6%	13.45%	-29.69%	-2.2%	9.0%	13.7%
Boral Limited		6.00	0.45	-0.8%	-3.2%	-0.3%	-1.6%	-4.39%	-14.48%	23.2%	10.5%	-9.3%
Bougainville Copper Limited		0.31	0.01	0.0%	-3.2%	-9.0%	0.0%	-23.75%	-23.40%	5.2%	-10.8%	103.1%
Bank of Queensland		8.23	0.29	-0.6%	-1.1%	3.7%	1.7%	-8.07%	3.77%	4.5%	6.8%	-25.3%
Brambles Limited		10.56	0.27	0.5%	-1.8%	-0.2%	-0.7%	5.88%	-7.31%	0.3%	-9.6%	15.5%
Commonwealth Bank of Australia		101.76	0.71	-1.5%	-0.7%	3.9%	0.8%	-3.52%	4.70%	23.0%	2.8%	10.4%
CSL		277.94	0.44	-0.7%	-6.1%	-6.8%	-4.4%	-3.25%	1.55%	2.7%	2.7%	48.9%
Fortescue Mining		21.12	0.58	2.3%	6.4%	16.7%	9.9%	37.90%	-39.94%	-18.0%	119.2%	155.1%
Horizon Oil Ltd		0.09	0.44	0.0%	3.3%	4.4%	2.2%	0.00%	-25.00%	48.4%	-48.3%	20.0%
Kina Securities Ltd		0.87	0.20	2.4%	1.2%	6.7%	1.8%	3.01%	-7.11%	-5.0%	-39.6%	56.8%
Kina Petroleum Ltd		0.06		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	0.0%	-1.7%
Macquarie Group Ltd		205.02	0.90	-1.4%	-3.0%	1.5%	-0.2%	3.83%	16.00%	48.3%	0.5%	26.9%
Mirvac Group		2.80	0.64	-2.8%	-6.7%	-4.1%	-3.8%	3.19%	4.55%	10.2%	-17.0%	42.0%
National Australia Bank		29.24	0.86	-0.5%	-0.5%	2.1%	1.4%	0.45%	7.33%	27.6%	-8.2%	2.3%
Newcrest Mining Limited		24.19	0.30	0.7%	-1.2%	4.4%	-1.2%	-1.65%	-14.53%	-5.0%	-14.8%	38.8%
Oil Search Limited		4.04	0.42	0.0%	0.0%	0.0%	0.0%	-5.83%	15.22%	8.9%	-48.8%	1.3%
Origin Energy Ltd		5.49	0.99	-0.4%	2.4%	9.6%	4.8%	3.76%	15.09%	10.1%	-43.7%	30.6%
Pilbara Minerals Ltd		3.52	0.98	-1.4%	0.0%	35.4%	10.0%	45.45%	15.82%	267.8%	210.7%	-55.2%
Qbe Insurance Group Ltd		12.02	0.87	-1.3%	0.8%	0.5%	5.9%	-4.06%	7.07%	33.1%	-33.8%	27.5%
Rio Tinto Limited		106.37	0.40	0.4%	6.7%	11.0%	6.3%	10.88%	-24.91%	-12.1%	13.4%	27.9%
ResMed Inc		32.82	0.55	-0.5%	-9.3%	-10.4%	-8.3%	-3.74%	3.13%	31.4%	24.3%	37.6%
Steamship Trading Company		10.01	0.99	0.1%	0.1%	11.2%	0.1%	11.11%	0.00%	1.5%	-21.2%	-33.2%
Suncorp Metway Limited		11.55	0.57	-0.1%	0.4%	6.5%	4.3%	-5.55%	8.84%	13.7%	-24.8%	2.6%
Sydney Airport		8.69	1.00	0.0%	0.0%	1.2%	0.1%	5.98%	5.51%	35.4%	-26.0%	28.7%
Transurban Group		13.43	0.40	-0.2%	-3.7%	-1.9%	-2.8%	2.83%	-0.98%	1.2%	-8.4%	28.0%
Telstra Corporation Limited		4.10	0.90	-1.0%	-2.8%	1.0%	-1.9%	9.42%	3.97%	40.3%	-15.8%	24.2%
Treasury Wine Estates Limited		12.08	0.72	-2.6%	-3.4%	0.0%	-2.4%	7.47%	4.20%	31.7%	-42.1%	9.7%
Westpac Banking Corporation		21.67	0.19	-0.7%	0.0%	3.9%	1.5%	-16.83%	6.04%	10.2%	-20.1%	-3.2%
Worley Limited		10.87	0.49	-0.3%	-2.2%	5.0%	2.3%	-1.76%	-11.28%	-7.5%	-25.0%	34.1%
Woolworths Limited		36.33	0.00	-2.1%	-5.6%	-10.6%	-4.4%	-0.18%	1.52%	-3.3%	8.7%	22.9%
Woodside Petroleum Limited		23.39	0.51	0.7%	3.2%	6.2%	6.7%	-5.72%	8.99%	-3.6%	-33.9%	9.8%
International												
iShare MSCI All Asia ex Japan	USD \$	84.37	0.19	2.1%	1.7%	-1.2%	2.0%	-4.13%	-3.13%	-7.7%	22.2%	15.6%
Blackrock Int Equity Fund*	AUD \$	22.24	0.94	-0.3%	-0.5%	-0.9%	-0.9%	6.34%	1.34%	24.8%	-0.6%	23.5%
Blackrock Australian Equity Fund*	AUD \$	1.90	0.81	-0.1%	-1.5%	-0.7%	-2.3%	1.58%	-1.44%	11.8%	-2.3%	19.1%
Vanguard International Share*	AUD \$	3.05	0.92	-0.3%	-1.1%	-1.1%	-1.5%	6.29%	1.25%	23.5%	-0.1%	22.7%
Vanguard FTSE World exUS	USD \$	61.88	0.49	1.5%	0.1%	0.4%	1.0%	-2.16%	-2.45%	5.0%	8.6%	17.9%
Vanguard FTSE Europe	USD \$	68.36	0.79	1.2%	-0.9%	1.6%	0.2%	-0.97%	-4.23%	13.3%	2.8%	20.5%
iShares Core MSCI Europe	USD \$	58.28	0.81	1.1%	-0.9%	1.3%	0.2%	-1.22%	-3.79%	13.4%	2.8%	20.7%
iShares Asia 50	USD \$	78.89	0.17	2.9%	2.5%	0.3%	3.0%	-4.31%	-6.85%	-12.2%	32.1%	19.3%
iShares MSCI Japan	USD \$	67.03	0.88	0.8%	-1.3%	-2.0%	0.1%	-2.11%	4.68%	-0.9%	14.0%	16.9%
Acadian Global Managed Volatility Equity Fund		1.71	0.57	-0.1%	-0.2%	1.4%	-0.5%	-2.58%	2.82%	10.4%	-11.5%	8.1%
Lazard Global Managed Volatility Fund - Australia*		1.18	0.92	-0.1%	-0.6%	0.8%	-0.7%	8.39%	1.38%	19.7%	-22.7%	14.9%
Robeco Emerging Conservative Equity Fund - Australia		1.50	1.00	0.2%	2.2%	2.4%	2.2%	4.31%	3.46%	13.5%	-15.4%	10.4%

*Lazard performance since inception 28.02.17