

Shading Key:

Green	52 week high (green = 1), low (red = 0) or shaded in-between
Light Green	2 standard deviation move up (5%)
Yellow	1 standard deviation move up (33%)
Light Red	1 standard deviation move down (33%)
Red	2 standard deviation move down (5%)

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These estimates are based upon the last 256 daily moves of each instrument

	Closing prices	52 wk	Movement for the period				Q4 2021	Q3 2021	2021	2020	2019
			01-Feb-22	Day	Week	Month					
Interest Rates											
Central Bank Bills											
Change to today's price from closing prices of prior period											
28 days	1.19%	0.00%	0.00%	-0.02%	-0.10%	-0.10%	-0.02%	-0.02%	1.29%	1.33%	1.39%
60 days	1.99%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	-0.02%	1.99%	2.07%	2.30%
90 days	1.88%	0.00%	0.00%	-0.07%	-0.07%	-0.07%	-0.03%	-0.02%	1.95%	2.04%	2.50%
182 days	4.55%	0.00%	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%	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%	0.00%	2.32%	2.32%	2.35%
182 days	3.65%	0.00%	0.00%	-0.35%	-0.64%	-0.64%	-0.06%	0.01%	4.29%	4.41%	4.68%
273 days	5.05%	0.00%	0.00%	-0.45%	-0.90%	-0.90%	-0.09%	0.00%	5.95%	6.04%	6.04%
364 days	6.10%	0.00%	0.00%	-0.47%	-0.94%	-0.94%	-0.16%	0.00%	7.04%	7.20%	7.08%
Government Inscribed Stock											
GIS 2Y 2020-22	8.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.50%	8.04%	
GIS 3Y 2020-23	9.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.00%	9.00%	
GIS 4Y 2020-24	9.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.84%	9.84%	
GIS 5Y 2020-25	9.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.70%	9.86%	
GIS 6Y 2020-26	9.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.80%	10.02%	
GIS 9Y 2020-29	9.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.90%	11.82%	
GIS 10Y 2020-30	9.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.90%	12.53%	
Kina Facility Rate											
Ten year Government Bond yields											
United States	1.79%	0.89%	0.01%	0.02%	0.28%	0.28%	0.02%	0.27%	1.51%	0.91%	1.92%
United Kingdom	1.30%	1.00%	0.00%	0.14%	0.33%	0.33%	-0.05%	0.46%	0.97%	0.20%	0.82%
Australia	1.94%	0.86%	0.03%	0.00%	0.27%	0.27%	0.18%	0.31%	1.67%	0.97%	1.37%
New Zealand	2.58%	0.94%	-0.01%	-0.01%	0.20%	0.20%	0.30%	0.44%	2.39%	0.99%	1.65%
France	0.45%	1.00%	0.03%	0.12%	0.25%	0.25%	0.04%	0.26%	0.20%	-0.34%	0.12%
Japan	0.18%	1.00%	0.00%	0.04%	0.11%	0.11%	0.00%	0.05%	0.07%	0.02%	-0.01%
Australia	0.10%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.10%	0.75%
PNG CPI Index											
RBA Cash Rate	4.30%								4.60%	3.10%	4.00%
Currencies											
Percentage changes											
PGK/USD	0.2850		0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%	-2.9%	-1.2%
PGK/AUD	0.4033	0.94%	-0.6%	1.1%	2.7%	2.7%	-0.73%	2.51%	6.2%	-11.7%	-0.5%
PGK/GBP	0.2119	0.75%	-0.2%	0.2%	0.3%	0.3%	-0.42%	3.77%	1.0%	-6.6%	-4.4%
PGK/NZD	0.4325	0.98%	-0.3%	1.4%	3.6%	3.6%	0.65%	1.77%	5.8%	-9.5%	-1.4%
PGK/JPY	32.770	0.91%	-0.4%	1.0%	-0.1%	-0.1%	2.88%	2.11%	11.6%	-7.9%	-2.7%
AUD/USD	0.7068	0.05%	0.6%	-1.1%	-2.6%	-2.6%	0.74%	-2.42%	-5.8%	9.9%	-0.7%
USD/JPY	114.980	0.91%	-0.4%	1.0%	-0.1%	-0.1%	2.88%	2.14%	11.6%	-5.1%	-1.5%
EUR/USD	1.1242	0.08%	0.7%	-0.6%	-0.6%	-0.6%	-2.47%	-2.40%	-8.0%	9.7%	-1.9%
GBP/USD	1.3454	0.24%	0.2%	-0.2%	-0.3%	-0.3%	0.42%	-3.62%	-1.0%	3.9%	3.4%
Equity Indices											
Papua New Guinea											
KS Index	5,851.92	0.22%	0.0%	0.0%	-0.2%	-0.2%	0.26%	0.22%	-3.1%	-3.4%	21.1%
KS Home Index	13,905.67	0.41%	0.0%	-0.3%	-3.4%	-3.4%	-2.07%	5.48%	8.1%	1.5%	15.0%
Australia											
All Ordinaries	7,312.77	0.38%	0.6%	0.9%	-6.0%	-6.0%	1.96%	-0.45%	13.6%	0.7%	19.1%
S&P/ASX 100	5,796.13	0.36%	0.4%	0.4%	-5.7%	-5.7%	1.66%	-1.10%	13.3%	-2.1%	18.9%
S&P/ASX 20	3,846.10	0.21%	0.0%	0.1%	-5.2%	-5.2%	0.67%	-3.41%	12.1%	-1.5%	15.3%
S&P/ASX 50	6,714.40	0.29%	0.2%	0.4%	-5.3%	-5.3%	0.99%	-1.71%	12.4%	-4.9%	19.1%
S&P/ASX 50 Accumulation	79,682.90	0.49%	0.2%	0.4%	-5.3%	-5.3%	1.60%	-0.12%	17.0%	-1.9%	24.4%
S&P/ASX Midcap 50	9,009.90	0.51%	1.0%	0.4%	-7.7%	-7.7%	5.45%	2.36%	18.5%	14.5%	17.7%
S&P/ASX Small Ordinaries	3,274.30	0.39%	2.0%	3.5%	-7.2%	-7.2%	1.63%	1.96%	14.2%	6.6%	17.9%
S&P/ASX 200	7,006.04	0.35%	0.5%	0.6%	-5.9%	-5.9%	1.53%	-0.82%	13.0%	-1.5%	18.4%
S&P/ASX 200 Accumulation	81,045.76	0.48%	0.5%	0.6%	-5.9%	-5.9%	2.09%	0.60%	17.2%	1.4%	23.4%
S&P/ASX 300	7,011.16	0.36%	0.6%	0.7%	-5.9%	-5.9%	1.66%	-0.73%	13.4%	-1.1%	18.8%
S&P/ASX 200 Energy	8,545.90	0.70%	0.3%	4.6%	8.2%	8.2%	-8.2%	10.41%	-2.0%	-29.9%	18.2%
S&P/ASX 200 Materials	16,667.90	0.54%	-1.2%	-1.0%	-0.4%	-0.4%	12.44%	-19.06%	6.8%	13.4%	22.1%
S&P/ASX 200 Industrials	6,189.00	0.51%	0.8%	0.9%	-6.9%	-6.9%	1.14%	1.60%	11.2%	-14.1%	22.6%
S&P/ASX 200 Consumer Discretionary	3,255.70	0.45%	1.0%	1.7%	-7.8%	-7.8%	0.00%	2.15%	21.3%	8.6%	27.2%
S&P/ASX 200 Consumer Staples	12,352.20	0.14%	0.9%	0.3%	-8.8%	-8.8%	-0.49%	1.81%	7.1%	3.6%	18.0%
S&P/ASX 200 Healthcare	40,087.50	0.23%	1.0%	1.0%	-11.3%	-11.3%	-0.08%	0.92%	8.0%	3.0%	41.2%
S&P/ASX 200 Financials	6,179.60	0.33%	1.1%	0.5%	-5.5%	-5.5%	-3.35%	5.47%	20.2%	-9.0%	7.4%
S&P/ASX 200 Information Technology	1,785.90	0.17%	2.4%	2.5%	-16.5%	-16.5%	-6.14%	12.14%	-2.8%	56.3%	31.8%
S&P/ASX 200 Telecommunication Services	1,508.90	0.60%	0.6%	1.0%	-7.4%	-7.4%	4.86%	4.93%	28.5%	0.9%	22.3%
S&P/ASX 200 Utilities	7,040.80	0.96%	2.6%	5.3%	5.2%	5.2%	10.02%	2.39%	4.6%	-21.5%	10.1%
S&P/ASX 200 A-REIT	1,598.80	0.58%	0.7%	1.7%	-8.9%	-8.9%	8.93%	3.36%	21.6%	-8.0%	14.0%
S&P/ASX 200 Financial-x-A-REIT	6,892.40	0.33%	1.2%	0.5%	-5.5%	-5.5%	-3.35%	5.47%	20.2%	-9.0%	7.4%
North American											
DJIA	35,405.24	0.76%	0.8%	3.2%	-2.6%	-2.6%	7.37%	-3.12%	18.7%	7.2%	22.3%
S&P 500	4,546.54	0.76%	0.7%	4.4%	-4.6%	-4.6%	10.65%	-2.00%	26.9%	16.3%	28.9%
NASDAQ	14,346.00	0.50%	0.7%	6.0%	-8.3%	-8.3%	8.28%	-1.53%	21.4%	43.6%	35.2%
Toronto S&P/TSX	21,319.92	0.88%	1.1%	3.5%	0.5%	0.5%	5.74%	-1.07%	21.7%	2.2%	19.1%
Europe											
FTSE	7,535.78	0.93%	1.0%	2.2%	2.0%	2.0%	4.21%	0.77%	14.3%	-14.3%	12.1%
DAX	15,619.39	0.74%	1.0%	3.3%	-1.7%	-1.7%	4.09%	-1.83%	15.8%	3.5%	25.5%
CAC 40	7,099.49	0.84%	1.4%	3.8%	-0.7%	-0.7%	9.71%	-1.40%	28.9%	-7.1%	26.4%
Asia											
Nikkei	27,078.48	0.20%	0.3%	-0.2%	-6.0%	-6.0%	-2.24%	7.95%	4.9%	16.0%	18.2%
Hang Seng	23,802.26	0.13%	0.0%	-1.8%	1.7%	1.7%	-4.79%	-5.34%	-14.1%	-3.4%	9.1%
Shanghai	3,361.44	0.01%	0.0%	-2.1%	-7.6%	-7.6%	2.01%	5.03%	4.8%	13.9%	22.3%
Sensex	58,862.57	0.79%	1.5%	1.7%	1.0%	1.0%	-1.48%	12.44%	22.0%	15.8%	14.4%

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

		01-Feb-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	589.71	0.06	0.3%	-2.4%	-2.8%	-2.8%	-1.23%	-1.98%	-4.7%	25.0%	18.2%
MSCI ACWI-ex-Australia*	USD	366.73	0.65	1.8%	1.5%	-4.8%	-4.8%	6.04%	-1.06%	18.7%	16.4%	26.7%
MSCI ACWI-ex-Australia*	TR AUD	14,854.04	0.85	1.1%	2.8%	-2.2%	-2.2%	5.82%	1.25%	29.6%	5.7%	28.0%
MSCI All Country World Index*	USD	369.94	0.64	0.0%	1.4%	-4.9%	-4.9%	6.68%	-1.73%	18.5%	16.3%	26.6%
MSCI ACWI Minimum Volatility	USD	2,293.80	0.65	0.3%	1.3%	-4.7%	-4.7%	5.99%	-1.85%	12.0%	0.6%	18.5%
MSCI World Net Local	USD	7,115.20	0.74	0.8%	2.8%	-4.2%	-4.2%	8.11%	-1.11%	24.2%	13.5%	27.3%
iShare Emerging Markets		49.14	0.19	0.6%	1.9%	0.6%	0.6%	-3.04%	-2.36%	-5.5%	15.2%	14.9%
VIX Volatility S&P500		21.96	0.41	-11.6%	-29.5%	27.5%	27.5%	-25.58%	26.86%	-24.3%	65.1%	-45.8%
Commodities												
Light Crude WTI Futures	US\$/bbl	88.20	1.00	0.1%	3.0%	16.6%	16.6%	0.81%	1.46%	55.9%	-20.5%	34.5%
Brent Crude	US\$/bbl	89.32	0.94	-2.1%	1.7%	14.2%	14.2%	-0.43%	2.87%	50.9%	-21.5%	22.7%
Gold	US\$/oz	1,801.50	0.53	0.3%	-2.9%	-1.7%	-1.7%	4.26%	-3.31%	-3.3%	24.4%	18.9%
Silver	US\$/oz	22.60	0.16	0.9%	-5.4%	-3.5%	-3.5%	6.20%	-13.70%	-11.3%	47.4%	15.3%
Copper	US\$/lb	4.43	0.71	2.5%	-0.4%	-0.8%	-0.8%	9.34%	-8.78%	27.1%	25.8%	6.3%
Iron Ore	US\$/mt	127.33	0.30	0.0%	1.9%	13.0%	13.0%	-3.56%	-38.57%	-27.0%	82.0%	20.5%
Malaysian Palm Oil* RM/tn		5,785	0.99	0.0%	6.5%	12.1%	12.1%	6.75%	3.80%	32.6%	28.0%	51.7%
LNG *Jap/Korea	US\$/mmBtu	23.71	0.41	-4.1%	-8.8%	-22.3%	-22.3%	-1.93%	110.74%	113.3%	169.8%	-41.1%
ICCO Cocoa	US\$/mt	2,613	0.68	3.4%	4.4%	3.7%	3.7%	-4.98%	12.09%	-3.2%	2.5%	5.1%
ICO Coffee	US\$/lb	237	0.90	0.7%	-0.5%	4.7%	4.7%	16.55%	8.05%	76.3%	-1.1%	27.3%
Equities												
Domestic												
				Percentage changes								
Domestic	PGK K	Arbitrage	PNGX									
Bank South Pacific		10.86	0.00	0.0%	0.0%	-2.0%	-2.0%	-0.41%	0.00%	2.1%	1.9%	14.8%
Credit Corporation			0.00	0.0%	0.0%	-4.8%	-4.8%	-1.18%	0.00%	-1.2%	6.3%	18.5%
City Pharmacy			0.90	0.0%	0.0%	0.0%	0.0%	-5.00%	25.00%	90.0%	-38.3%	24.6%
Kina Asset Management Limited			0.95	0.0%	-4.0%	-4.0%	-4.0%	-1.00%	0.00%	10.0%	-5.3%	0.0%
Kina Securities Limited	2.13		3.00	5.3%	0.0%	1.7%	1.7%	-9.23%	0.00%	-1.7%	-11.0%	27.2%
Steamship Trading Company	23.06		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		5.25	0.03	0.0%	-3.7%	-3.8%	-3.8%	-12.50%	6.48%	-52.3%	-19.9%	38.6%
ANZ Banking Group Limited		26.53	0.36	0.0%	-0.9%	-3.6%	-3.6%	-2.27%	1.59%	21.2%	-7.8%	0.7%
BSP Financial Group		4.38	0.24	0.0%	2.6%	2.6%	-15.8%*					
BHP Billiton Limited		44.93	0.51	-3.1%	-0.2%	8.3%	8.3%	10.34%	-29.69%	-2.2%	9.0%	13.7%
Boral Limited		6.21	0.50	5.8%	6.9%	1.8%	1.8%	-0.65%	-14.48%	23.2%	10.5%	-9.3%
Bougainville Copper Limited		0.39	0.22	-2.5%	-8.2%	27.9%	27.9%	-15.28%	-23.40%	5.2%	-10.8%	103.1%
Bank of Queensland		7.82	0.12	2.4%	2.8%	-3.3%	-3.3%	-13.57%	3.77%	4.5%	6.8%	-25.3%
Brambles Limited		9.43	0.00	-2.5%	-3.6%	-11.3%	-11.3%	-1.30%	-7.31%	0.3%	-9.6%	15.5%
Commonwealth Bank of Australia		93.93	0.43	0.2%	-1.6%	-7.0%	-7.0%	-3.19%	4.70%	23.0%	2.8%	10.4%
CSL		261.55	0.22	0.5%	1.2%	-10.0%	-10.0%	-0.91%	1.55%	2.7%	2.7%	48.9%
Fortescue Mining		19.73	0.47	-0.7%	1.2%	2.7%	2.7%	28.41%	-39.94%	-18.0%	119.2%	155.1%
Horizon Oil Ltd		0.11	0.58	5.0%	12.9%	14.1%	14.1%	2.22%	-25.00%	48.4%	-48.3%	20.0%
Kina Securities Ltd		0.86	0.17	3.0%	3.0%	0.6%	0.6%	-6.56%	-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		188.62	0.69	2.7%	1.6%	-8.2%	-8.2%	12.86%	16.00%	48.3%	0.5%	26.9%
Mirvac Group		2.61	0.46	0.0%	-1.9%	-10.3%	-10.3%	-2.68%	4.55%	10.2%	-17.0%	42.0%
National Australia Bank		27.64	0.55	1.9%	1.1%	-4.2%	-4.2%	3.63%	7.33%	27.6%	-8.2%	2.3%
Newcrest Mining Limited		22.30	0.11	3.5%	-8.6%	-8.9%	-8.9%	8.13%	-14.53%	-5.0%	-14.8%	38.8%
Oil Search Limited		4.04	0.42	0.0%	0.0%	0.0%	0.0%	-7.97%	15.22%	8.9%	-48.8%	1.3%
Origin Energy Ltd		5.84	0.96	3.9%	7.9%	11.5%	11.5%	10.78%	15.09%	10.1%	-43.7%	30.6%
Pilbara Minerals Ltd		3.26	0.80	1.9%	0.3%	1.9%	1.9%	56.10%	15.82%	267.8%	210.7%	-55.2%
Qbe Insurance Group Ltd		11.38	0.70	2.2%	3.2%	0.3%	0.3%	-2.66%	7.07%	33.1%	-33.8%	27.5%
Rio Tinto Limited		108.90	0.46	-2.4%	1.7%	8.8%	8.8%	-0.07%	-24.91%	-12.1%	13.4%	27.9%
ResMed Inc		32.69	0.54	2.3%	0.1%	-8.6%	-8.6%	-3.95%	3.13%	31.4%	24.3%	37.6%
Steamship Trading Company		9.30	0.41	0.0%	0.1%	-7.0%	-7.0%	5.26%	0.00%	1.5%	-21.2%	-33.2%
Suncorp Metway Limited		11.22	0.46	1.6%	2.2%	1.4%	1.4%	-11.86%	8.84%	13.7%	-24.8%	2.6%
Sydney Airport		8.67	0.99	0.1%	0.2%	-0.1%	-0.1%	5.34%	5.51%	35.4%	-26.0%	28.7%
Transurban Group		12.72	0.21	2.2%	0.7%	-8.0%	-8.0%	-2.40%	-0.98%	1.2%	-8.4%	28.0%
Telstra Corporation Limited		3.94	0.73	0.5%	0.3%	-5.7%	-5.7%	6.36%	3.97%	40.3%	-15.8%	24.2%
Treasury Wine Estates Limited		10.81	0.28	2.0%	-1.0%	-12.7%	-12.7%	-0.24%	4.20%	31.7%	-42.1%	9.7%
Westpac Banking Corporation		20.40	0.04	0.5%	0.9%	-4.4%	-4.4%	-17.88%	6.04%	10.2%	-20.1%	-3.2%
Worley Limited		11.28	0.66	-2.3%	-1.1%	6.1%	6.1%	7.27%	-11.28%	-7.5%	-25.0%	34.1%
Woolworths Limited		34.57	0.09	0.4%	0.5%	-9.1%	-9.1%	-3.41%	1.52%	-3.3%	8.7%	22.9%
Woodside Petroleum Limited		25.06	0.87	0.0%	3.9%	14.3%	14.3%	-8.17%	8.99%	-3.6%	-33.9%	9.8%
International												
iShare MSCI All Asia ex Japan	USD \$	82.07	0.14	0.5%	1.1%	-0.8%	-0.8%	-2.74%	-3.13%	-7.7%	22.2%	15.6%
Blackrock Int Equity Fund*	AUD \$	21.87	0.86	1.1%	2.8%	-2.6%	-2.6%	6.28%	1.34%	24.8%	-0.6%	23.5%
Blackrock Australian Equity Fund*	AUD \$	1.78	0.23	-0.2%	-2.4%	-8.6%	-8.6%	4.61%	-1.44%	11.8%	-2.3%	19.1%
Vanguard International Share*	AUD \$	2.99	0.84	1.0%	2.7%	-3.2%	-3.2%	5.86%	1.25%	23.5%	-0.1%	22.7%
Vanguard FTSE World exUS	USD \$	60.36	0.28	0.9%	2.0%	-1.5%	-1.5%	0.52%	-2.45%	5.0%	8.6%	17.9%
Vanguard FTSE Europe	USD \$	66.60	0.57	1.2%	3.2%	-2.4%	-2.4%	4.01%	-4.23%	13.3%	2.8%	20.5%
iShares Core MSCI Europe	USD \$	56.82	0.59	1.2%	3.2%	-2.3%	-2.3%	3.75%	-3.79%	13.4%	2.8%	20.7%
iShares Asia 50	USD \$	77.79	0.13	0.5%	1.2%	1.6%	1.6%	-2.10%	-6.85%	-12.2%	32.1%	19.3%
iShares MSCI Japan	USD \$	64.10	0.14	0.0%	-0.3%	-4.3%	-4.3%	-4.68%	4.68%	-0.9%	14.0%	16.9%
Acadian Global Managed Volatility Equity Fund		1.69	0.52	0.3%	2.4%	-1.3%	-1.3%	-6.05%	2.82%	10.4%	-11.5%	8.1%
Lazard Global Managed Volatility Fund - Australia*		1.17	0.78	0.2%	1.1%	-1.7%	-1.7%	5.32%	1.38%	19.7%	-22.7%	14.9%
Robeco Emerging Conservative Equity Fund - Australia		1.50	0.86	0.0%	0.3%	1.9%	1.9%	0.73%	3.46%	13.5%	-15.4%	10.4%

*Lazard performance since inception 28.02.17

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