

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	52 wk	Movement for the period				Q4 2021	Q3 2021	2021	2020	2019
			16-Feb-22	Day	Week	Month					
Interest Rates											
Central Bank Bills											
Change to today's price from closing prices of prior period											
28 days	1.13%	0.00%	0.00%	0.00%	-0.10%	-0.16%	-0.02%	-0.02%	1.29%	1.33%	1.39%
60 days	1.99%		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%	0.00%	-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%	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%	2.32%	2.35%
182 days	2.43%	0.00	-0.06%	-0.06%	-1.76%	-1.86%	-0.06%	0.01%	4.29%	4.41%	4.68%
273 days	3.98%	0.00	-0.03%	-0.03%	-1.82%	-1.97%	-0.09%	0.00%	5.95%	6.04%	6.04%
364 days	5.16%		-0.04%	-0.04%	-1.67%	-1.88%	-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%	8.50%	8.04%	
GIS 3Y 2020-23	9.00%		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%	9.84%	9.84%	
GIS 5Y 2020-25	9.70%		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%	9.80%	10.02%	
GIS 9Y 2020-29	9.90%		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%	9.90%	12.53%	
Kina Facility Rate											
3.00%											
Ten year Government Bond yields											
United States	2.04%	0.99	-0.01%	0.10%	0.16%	0.53%	0.02%	0.27%	1.51%	0.91%	1.92%
United Kingdom	1.52%	0.94	-0.06%	0.09%	0.31%	0.55%	-0.05%	0.46%	0.97%	0.20%	0.82%
Australia	2.24%	0.99	-0.01%	0.13%	0.24%	0.57%	0.18%	0.31%	1.67%	0.97%	1.37%
New Zealand	2.84%	0.97	-0.04%	0.10%	0.27%	0.46%	0.30%	0.44%	2.39%	0.99%	1.65%
France	0.75%	0.97	-0.03%	0.08%	0.38%	0.55%	0.04%	0.26%	0.20%	-0.34%	0.12%
Japan	0.22%	0.93	0.00%	0.01%	0.07%	0.15%	0.00%	0.05%	0.07%	0.02%	-0.01%
Australia											
RBA Cash Rate											
0.10%											
PNG CPI Index											
Latest 12 mth % change											
4.30%											
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	0.3981	0.83	-0.8%	0.0%	0.5%	1.3%	-0.73%	2.51%	6.2%	-11.7%	-0.5%
PGK/GBP	0.2103	0.64	-0.1%	0.0%	0.6%	-0.4%	-0.42%	3.77%	1.0%	-6.6%	-4.4%
PGK/NZD	0.4290	0.91	-0.5%	0.2%	2.0%	2.8%	0.65%	1.77%	5.8%	-9.5%	-1.4%
PGK/JPY	32.970	0.96	0.3%	0.2%	0.7%	0.5%	2.88%	2.11%	11.6%	-7.9%	-2.7%
AUD/USD	0.7159	0.15	0.8%	0.0%	-0.5%	-1.4%	0.74%	-2.42%	-5.8%	9.9%	-0.7%
USD/JPY	115.680	0.96	0.3%	0.2%	0.7%	0.5%	2.88%	2.14%	11.6%	-5.1%	-1.5%
EUR/USD	1.1356	0.18	0.4%	-0.6%	-0.4%	0.4%	-2.47%	-2.40%	-8.0%	9.7%	-1.9%
GBP/USD	1.3551	0.34	0.1%	0.0%	-0.6%	0.4%	0.42%	-3.62%	-1.0%	3.9%	3.4%
Equity Indices											
Papua New Guinea											
Percentage changes											
KS Index	5,852.10	0.22	0.0%	0.0%	0.0%	-0.2%	0.26%	0.22%	-3.1%	-3.4%	21.1%
KS Home Index	13,950.35	0.44	0.0%	0.7%	-3.1%	-3.1%	-2.07%	5.48%	8.1%	1.5%	15.0%
Australia											
All Ordinaries	7,604.40	0.67	1.5%	0.4%	-1.0%	-2.2%	1.96%	-0.45%	13.6%	0.7%	19.1%
S&P/ASX 100	6,070.50	0.70	1.5%	0.9%	-0.4%	-1.3%	1.66%	-1.10%	13.3%	-2.1%	18.9%
S&P/ASX 20	4,069.80	0.60	1.5%	1.7%	0.8%	0.3%	0.67%	-3.41%	12.1%	-1.5%	15.3%
S&P/ASX 50	7,063.60	0.66	1.4%	1.1%	0.5%	-0.4%	0.99%	-1.71%	12.4%	-4.9%	19.1%
S&P/ASX 50 Accumulation	83,560.20	0.81	1.0%	0.8%	-0.5%	-0.7%	1.60%	-0.12%	17.0%	-1.9%	24.4%
S&P/ASX Midcap 50	9,188.50	0.59	2.2%	-0.4%	-5.0%	-5.9%	5.45%	2.36%	18.5%	14.5%	17.7%
S&P/ASX Small Ordinaries	3,321.00	0.48	2.1%	-1.4%	-2.9%	-5.9%	1.63%	1.96%	14.2%	6.6%	17.9%
S&P/ASX 200	7,318.10	0.67	1.5%	0.7%	-0.5%	-1.7%	1.53%	-0.82%	13.0%	-1.5%	18.4%
S&P/ASX 200 Accumulation	84,837.50	0.77	1.6%	0.9%	-0.5%	-1.5%	2.09%	0.60%	17.2%	1.4%	23.4%
S&P/ASX 300	7,315.40	0.68	1.6%	0.6%	-0.7%	-1.9%	1.66%	-0.73%	13.4%	-1.1%	18.8%
S&P/ASX 200 Energy	8,831.40	0.81	-0.7%	-1.7%	1.6%	11.8%	-8.82%	10.41%	-2.0%	-29.9%	18.2%
S&P/ASX 200 Materials	17,627.10	0.78	0.1%	-0.5%	-0.5%	5.3%	12.44%	-19.06%	6.8%	13.4%	22.1%
S&P/ASX 200 Industrials	6,288.90	0.60	1.6%	-1.5%	-2.3%	-5.4%	1.14%	1.60%	11.2%	-14.1%	22.6%
S&P/ASX 200 Consumer Discretionary	3,363.50	0.60	1.3%	0.6%	-0.4%	-4.7%	0.00%	2.15%	21.3%	8.6%	27.2%
S&P/ASX 200 Consumer Staples	12,615.50	0.25	2.0%	0.9%	-0.2%	-6.9%	-0.49%	1.81%	7.1%	3.6%	18.0%
S&P/ASX 200 Healthcare	41,301.50	0.35	9.1%	3.9%	-0.9%	-8.6%	-0.08%	0.92%	8.0%	3.0%	41.2%
S&P/ASX 200 Financials	6,602.60	0.70	0.4%	1.4%	0.6%	1.0%	-3.35%	5.47%	20.2%	-9.0%	7.4%
S&P/ASX 200 Information Technology	1,760.00	0.14	1.1%	0.4%	-8.1%	-17.7%	-6.14%	12.14%	-2.8%	56.3%	31.8%
S&P/ASX 200 Telecommunication Services	1,525.10	0.65	0.2%	-0.8%	-4.3%	-6.4%	4.86%	4.93%	28.5%	0.9%	22.3%
S&P/ASX 200 Utilities	7,193.00	0.93	1.4%	-1.5%	3.2%	7.5%	10.02%	2.39%	4.6%	-21.5%	10.1%
S&P/ASX 200 A-REIT	1,654.40	0.71	4.3%	2.3%	1.2%	-5.7%	8.93%	3.36%	21.6%	-8.0%	14.0%
S&P/ASX 200 Financial-x-A-REIT	7,364.10	0.70	0.4%	1.4%	0.6%	1.0%	-3.35%	5.47%	20.2%	-9.0%	7.4%
North American											
DJIA	34,934.27	0.68	-0.2%	-2.3%	-1.2%	-3.9%	7.37%	-3.12%	18.7%	7.2%	22.3%
S&P 500	4,475.01	0.69	0.1%	-2.4%	-2.2%	-6.1%	10.65%	-2.00%	26.9%	16.3%	28.9%
NASDAQ	14,124.09	0.44	-0.1%	-2.5%	-2.6%	-9.7%	8.28%	-1.53%	21.4%	43.6%	35.2%
Toronto S&P/TSX	21,383.64	0.90	-0.6%	-1.0%	0.5%	0.8%	5.74%	-1.07%	21.7%	2.2%	19.1%
Europe											
FTSE	7,603.78	0.94	-0.1%	-0.5%	0.5%	3.0%	4.21%	0.77%	14.3%	-14.3%	12.1%
DAX	15,370.30	0.64	-0.3%	-0.7%	-2.6%	-3.2%	4.09%	-1.83%	15.8%	3.5%	25.5%
CAC 40	6,964.98	0.75	-0.2%	-2.3%	-2.4%	-2.6%	9.71%	-1.40%	28.9%	-7.1%	26.4%
Asia											
Nikkei	27,460.40	0.29	2.2%	-0.4%	-2.8%	-4.6%	-2.24%	7.95%	4.9%	16.0%	18.2%
Hang Seng	24,718.90	0.25	1.5%	-0.4%	2.5%	5.6%	-4.79%	-5.34%	-14.1%	-3.4%	9.1%
Shanghai	3,465.83	0.30	0.6%	-0.4%	-2.9%	-4.8%	2.01%	5.03%	4.8%	13.9%	22.3%
Sensex	57,996.68	0.73	-0.3%	-0.8%	-4.5%	-0.4%	-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

		16-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	604.45	0.20	1.2%	-0.2%	-1.1%	-0.4%	-1.23%	-1.98%	-4.7%	25.0%	18.2%		
MSCI ACWI-ex-Australia*	USD	366.78	0.65	1.4%	-0.6%	-3.6%	-4.8%	6.04%	-1.06%	18.7%	16.4%	26.7%		
MSCI ACWI-ex-Australia*	TR AUD	14,625.87	0.79	1.1%	-0.9%	-2.8%	-3.7%	5.82%	1.25%	29.6%	5.7%	28.0%		
MSCI All Country World Index*	USD	371.54	0.67	0.3%	-0.2%	-1.7%	-4.5%	6.68%	-1.73%	18.5%	16.3%	26.6%		
MSCI ACWI Minimum Volatility	USD	2,277.29	0.60	0.1%	-1.7%	-2.0%	-5.4%	5.99%	-1.85%	12.0%	0.6%	18.5%		
MSCI World Net Local	USD	7,051.52	0.69	0.1%	-2.0%	-1.8%	-5.1%	8.11%	-1.11%	24.2%	13.5%	27.3%		
iShare Emerging Markets	USD	49.79	0.30	0.7%	0.0%	1.2%	1.9%	-3.04%	-2.36%	-5.5%	15.2%	14.9%		
VIX Volatility S&P500		24.29	0.55	-5.5%	21.7%	6.6%	41.1%	-25.58%	26.86%	-24.3%	65.1%	-45.8%		
Commodities														
Light Crude WTI Futures	US\$/bbl	93.66	0.95	1.7%	4.5%	9.6%	23.8%	0.81%	1.46%	55.9%	-20.5%	34.5%		
Brent Crude	US\$/bbl	94.81	0.97	1.3%	3.2%	8.3%	21.3%	-0.43%	2.87%	50.9%	-21.5%	22.7%		
Gold	US\$/oz	1,871.50	0.83	0.8%	1.9%	3.3%	2.2%	4.26%	-3.31%	-3.3%	24.4%	18.9%		
Silver	US\$/oz	23.65	0.32	1.1%	1.3%	0.7%	1.0%	6.20%	-13.70%	-11.3%	47.4%	15.3%		
Copper	US\$/lb	4.54	0.72	0.1%	-1.3%	3.6%	1.6%	9.34%	-8.78%	27.1%	25.8%	6.3%		
Iron Ore	US\$/mt	120.47	0.26	-11.3%	-12.4%	2.3%	6.9%	-3.56%	-38.57%	-27.0%	82.0%	20.5%		
Malaysian Palm Oil* RM/tn		5,883	0.98	1.6%	2.0%	10.6%	14.0%	6.75%	3.80%	32.6%	28.0%	51.7%		
LNG *Jap/Korea	US\$/mmBtu	23.08	0.40	-7.0%	-6.6%	0.6%	-24.3%	-1.93%	110.74%	113.3%	169.8%	-41.1%		
ICCO Cocoa	US\$/mt	2,611	0.68	-2.1%	-5.3%	-0.8%	3.6%	-4.98%	12.09%	-3.2%	2.5%	5.1%		
ICO Coffee	US\$/lb	252	0.96	0.2%	-2.4%	5.3%	11.6%	16.55%	8.05%	76.3%	-1.1%	27.3%		
Equities														
				Percentage changes										
Domestic		PGK K	Arbitrage	PNGX										
Bank South Pacific			10.93	12.00	0.00	0.0%	0.0%	0.0%	-2.0%	-0.41%	0.00%	2.1%	1.9%	14.8%
Credit Corporation				1.60	0.03	0.0%	0.6%	-4.8%	-4.8%	-1.18%	0.00%	-1.2%	6.3%	18.5%
City Pharmacy				0.95	0.90	0.0%	0.0%	0.0%	0.0%	-5.00%	25.00%	90.0%	-38.3%	24.6%
Kina Asset Management Limited				1.00	0.02	0.0%	5.3%	1.0%	1.0%	-1.00%	0.00%	10.0%	-5.3%	0.0%
Kina Securities Limited		2.22		3.00	0.54	0.0%	5.3%	0.0%	1.7%	-9.23%	0.00%	-1.7%	-11.0%	27.2%
Steamship Trading Company		23.41		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		5.29	0.04	2.1%	-4.0%	-2.0%	-3.1%	-12.50%	6.48%	-52.3%	-19.9%	38.6%		
ANZ Banking Group Limited		28.10	0.57	1.1%	2.5%	-2.3%	2.1%	-2.27%	1.59%	21.2%	-7.8%	0.7%		
BSP Financial Group		4.35	0.22	-2.2%	-2.2%	8.5%	-16.3%*							
BHP Billiton Limited		47.33	0.64	-1.8%	-2.0%	1.3%	14.0%	10.34%	-29.69%	-2.2%	9.0%	13.7%		
Boral Limited		3.71	0.02	2.2%	-7.0%	-35.9%	-39.2%	-0.65%	-14.48%	23.2%	10.5%	-9.3%		
Bougainville Copper Limited		0.66	0.60	4.8%	65.8%	74.7%	114.8%	-15.28%	-23.40%	5.2%	-10.8%	103.1%		
Bank of Queensland		8.42	0.39	0.6%	2.8%	1.8%	4.1%	-13.57%	3.77%	4.5%	6.8%	-25.3%		
Brambles Limited		10.01	0.21	0.1%	3.8%	-3.8%	-5.8%	-1.30%	-7.31%	0.3%	-9.6%	15.5%		
Commonwealth Bank of Australia		98.57	0.60	-0.9%	-1.0%	-2.2%	-2.4%	-3.19%	4.70%	23.0%	2.8%	10.4%		
CSL		263.69	0.28	8.5%	3.2%	-3.7%	-9.3%	-0.91%	1.55%	2.7%	2.7%	48.9%		
Fortescue Mining		21.15	0.58	-2.0%	-1.3%	1.9%	10.1%	28.41%	-39.94%	-18.0%	119.2%	151.1%		
Horizon Oil Ltd		0.12	0.79	0.0%	4.5%	16.2%	25.0%	2.22%	-25.00%	48.4%	-48.3%	20.0%		
Kina Securities Ltd		0.89	0.24	0.6%	0.6%	0.6%	3.5%	-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		196.99	0.77	1.6%	-0.3%	-4.8%	-4.1%	12.86%	16.00%	48.3%	0.5%	26.9%		
Mirvac Group		2.58	0.43	2.4%	-1.1%	-10.4%	-11.3%	-2.68%	4.55%	10.2%	-17.0%	42.0%		
National Australia Bank		30.64	1.00	0.7%	7.9%	4.2%	6.2%	3.63%	7.33%	27.6%	-8.2%	2.3%		
Newcrest Mining Limited		23.50	0.27	-0.6%	2.2%	-3.0%	-4.0%	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		6.10	0.95	0.3%	-1.1%	7.0%	16.4%	10.78%	15.09%	10.1%	-43.7%	30.6%		
Pilbara Minerals Ltd		3.09	0.74	3.7%	-6.9%	-19.9%	-3.4%	56.10%	15.82%	267.8%	210.7%	-55.2%		
Qbe Insurance Group Ltd		12.67	0.96	0.2%	-1.2%	4.4%	11.6%	-2.66%	7.07%	33.1%	-33.8%	27.5%		
Rio Tinto Limited		118.56	0.66	-0.2%	1.7%	8.1%	18.4%	-0.07%	-24.91%	-12.1%	13.4%	27.9%		
ResMed Inc		33.22	0.57	2.2%	-1.9%	-4.3%	-7.2%	-3.95%	3.13%	31.4%	24.3%	37.6%		
Steamship Trading Company		9.32	0.43	0.0%	0.2%	-0.2%	-6.8%	5.26%	0.00%	1.5%	-21.2%	-33.2%		
Suncorp Metway Limited		11.52	0.56	0.3%	-5.7%	-1.9%	4.1%	-11.86%	8.84%	13.7%	-24.8%	2.6%		
Sydney Airport		8.72	1.00	0.0%	0.0%	0.8%	0.5%	5.34%	5.51%	35.4%	-26.0%	28.7%		
Transurban Group		12.88	0.27	0.9%	-3.0%	-2.6%	-6.8%	-2.40%	-0.98%	1.2%	-8.4%	28.0%		
Telstra Corporation Limited		4.07	0.84	0.2%	-0.2%	-4.5%	-2.6%	6.36%	3.97%	40.3%	-15.8%	24.2%		
Treasury Wine Estates Limited		11.77	0.56	11.7%	8.4%	1.3%	-4.9%	-0.24%	4.20%	31.7%	-42.1%	9.7%		
Westpac Banking Corporation		23.29	0.46	1.0%	4.1%	8.8%	9.1%	-17.88%	6.04%	10.2%	-20.1%	-3.2%		
Worley Limited		11.57	0.76	0.7%	-3.4%	-2.8%	8.8%	7.27%	-11.28%	-7.5%	-25.0%	34.1%		
Woolworths Limited		34.55	0.08	0.8%	0.4%	-2.1%	-9.1%	-3.41%	1.52%	-3.3%	8.7%	22.9%		
Woodside Petroleum Limited		26.63	0.90	-0.4%	-0.6%	5.7%	21.4%	-8.17%	8.99%	-3.6%	-33.9%	9.8%		
International														
iShare MSCI All Asia ex Japan	USD \$	82.77	0.20	0.5%	-0.7%	-0.4%	0.1%	-2.74%	-3.13%	-7.7%	22.2%	15.6%		
Blackrock Int Equity Fund*	AUD \$	21.54	0.79	1.1%	-0.9%	-2.8%	-4.0%	6.28%	1.34%	24.8%	-0.6%	23.5%		
Blackrock Australian Equity Fund*	AUD \$	1.84	0.51	-0.5%	0.3%	-2.9%	-5.5%	4.61%	-1.44%	11.8%	-2.3%	19.1%		
Vanguard International Share*	AUD \$	2.95	0.77	1.1%	-0.9%	-2.5%	-4.6%	5.86%	1.25%	23.5%	-0.1%	22.7%		
Vanguard FTSE World exUS	USD \$	60.81	0.34	0.4%	-0.9%	-0.5%	-0.8%	0.52%	-2.45%	5.0%	8.6%	17.9%		
Vanguard FTSE Europe	USD \$	66.25	0.54	0.3%	-1.5%	-1.6%	-2.9%	4.01%	-4.23%	13.3%	2.8%	20.5%		
iShares Core MSCI Europe	USD \$	56.52	0.55	0.4%	-1.5%	-1.5%	-2.8%	3.75%	-3.79%	13.4%	2.8%	20.7%		
iShares Asia 50	USD \$	78.37	0.17	0.8%	-0.7%	1.0%	2.4%	-2.10%	-6.85%	-12.2%	32.1%	19.3%		
iShares MSCI Japan	USD \$	64.68	0.19	0.0%	-1.3%	-2.3%	-3.4%	-4.68%	4.68%	-0.9%	14.0%	16.9%		
Acadian Global Managed Volatility Equity Fund		1.68	0.49	0.5%	-0.7%	-1.1%	-2.1%	-6.05%	2.82%	10.4%	-11.5%	8.1%		
Lazard Global Managed Volatility Fund - Australia*		1.16	0.68	0.0%	-0.5%	-1.1%	-2.5%	5.32%	1.38%	19.7%	-22.7%	14.9%		
Robeco Emerging Conservative Equity Fund - Australia		1.52	0.92	0.1%	0.1%	1.6%	3.9%	0.73%	3.46%	13.5%	-15.4%	10.4%		

*Lazard performance since inception 28.02.17

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