

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 14-Feb-22	52 wk	Movement for the period				Q4 2021	Q3 2021	2021	2020	2019
			Day	Week	Month	YTD					
Interest Rates											
Central Bank Bills											
Change to today's price from closing prices of prior period											
28 days	1.13%		0.00%	0.00%	-0.10%	-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	2.49%	0.00	0.00%	-0.59%	-1.70%	-1.80%	-0.06%	0.01%	4.29%	4.41%	4.68%
273 days	4.01%	0.00	0.00%	-0.44%	-1.79%	-1.94%	-0.09%	0.00%	5.95%	6.04%	6.04%
364 days	5.20%		0.00%	-0.41%	-1.63%	-1.84%	-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%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.00%	3.00%	5.50%
Ten year Government Bond yields											
United States	1.99%	0.95	0.05%	0.07%	0.20%	0.48%	0.02%	0.27%	1.51%	0.91%	1.92%
United Kingdom	1.59%	1.00	0.04%	0.18%	0.44%	0.62%	-0.05%	0.46%	0.97%	0.20%	0.82%
Australia	2.20%	1.00	0.08%	0.17%	0.29%	0.53%	0.18%	0.31%	1.67%	0.97%	1.37%
New Zealand	2.83%	1.00	0.05%	0.16%	0.28%	0.44%	0.30%	0.44%	2.39%	0.99%	1.65%
France	0.76%	0.99	-0.01%	0.09%	0.43%	0.56%	0.04%	0.26%	0.20%	-0.34%	0.12%
Japan	0.22%	0.94	-0.01%	0.02%	0.08%	0.15%	0.00%	0.05%	0.07%	0.02%	-0.01%
Australia RBA Cash Rate	0.10%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.10%	0.75%
PNG CPI Index Latest 12 mth % change	4.30%							0.00%	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	0.4001	0.88	-0.1%	-0.5%	2.3%	1.9%	-0.73%	2.51%	6.2%	-11.7%	-0.5%
PGK/GBP	0.2104	0.65	-0.1%	-0.2%	1.3%	-0.4%	-0.42%	3.77%	1.0%	-6.6%	-4.4%
PGK/NZD	0.4300	0.93	0.1%	-0.1%	3.6%	3.0%	0.65%	1.77%	5.8%	-9.5%	-1.4%
PGK/JPY	32.900	0.94	-0.6%	0.1%	1.5%	0.3%	2.88%	2.11%	11.6%	-7.9%	-2.7%
AUD/USD	0.7124	0.11	0.1%	0.6%	-2.3%	-1.8%	0.74%	-2.42%	-5.8%	9.9%	-0.7%
USD/JPY	115.440	0.94	-0.6%	0.1%	1.5%	0.3%	2.88%	2.14%	11.6%	-5.1%	-1.5%
EUR/USD	1.1352	0.18	-0.3%	-0.7%	-1.1%	0.4%	-2.47%	-2.40%	-8.0%	9.7%	-1.9%
GBP/USD	1.3546	0.33	0.1%	0.2%	-1.4%	0.4%	0.42%	-3.62%	-1.0%	3.9%	3.4%
Equity Indices											
Papua New Guinea											
KSII Index	5,849.83	0.21	0.0%	0.0%	-0.1%	-0.2%	0.26%	0.22%	-3.1%	-3.4%	21.1%
KSII Home Index	13,849.42	0.37	0.0%	0.0%	-3.8%	-3.8%	-2.07%	5.48%	8.1%	1.5%	15.0%
Australia											
All Ordinaries	7,535.11	0.60	0.3%	1.6%	-2.4%	-3.1%	1.96%	-0.45%	13.6%	0.7%	19.1%
S&P/ASX 100	6,010.82	0.63	0.5%	2.1%	-1.9%	-2.2%	1.66%	-1.10%	13.3%	-2.1%	18.9%
S&P/ASX 20	4,029.80	0.53	0.6%	3.0%	-0.8%	-0.7%	0.67%	-3.41%	12.1%	-1.5%	15.3%
S&P/ASX 50	7,003.70	0.60	0.6%	2.5%	-1.0%	-1.3%	0.99%	-1.71%	12.4%	-4.9%	19.1%
S&P/ASX 50 Accumulation	83,150.90	0.78	0.6%	2.6%	-1.0%	-1.2%	1.60%	-0.12%	17.0%	-1.9%	24.4%
S&P/ASX Midcap 50	9,022.10	0.51	-0.3%	-0.6%	-6.7%	-7.6%	5.45%	2.36%	18.5%	14.5%	17.7%
S&P/ASX Small Ordinaries	3,279.80	0.40	-0.6%	-0.2%	-3.9%	-7.1%	1.63%	1.96%	14.2%	6.6%	17.9%
S&P/ASX 200	7,243.91	0.60	0.4%	1.9%	-2.0%	-2.7%	1.53%	-0.82%	13.0%	-1.5%	18.4%
S&P/ASX 200 Accumulation	83,829.27	0.70	0.4%	1.9%	-2.0%	-2.7%	2.09%	0.60%	17.2%	1.4%	23.4%
S&P/ASX 300	7,241.34	0.60	0.3%	1.8%	-2.1%	-2.9%	1.66%	-0.73%	13.4%	-1.1%	18.8%
S&P/ASX 200 Energy	9,177.20	1.00	3.4%	2.4%	7.0%	16.2%	-8.2%	10.41%	-2.0%	-29.9%	18.2%
S&P/ASX 200 Materials	17,797.10	0.83	-0.4%	2.1%	-0.7%	6.3%	12.44%	-19.06%	6.8%	13.4%	22.1%
S&P/ASX 200 Industrials	6,173.10	0.50	-0.7%	-1.4%	-4.7%	-7.1%	1.14%	1.60%	11.2%	-14.1%	22.6%
S&P/ASX 200 Consumer Discretionary	3,302.30	0.52	0.5%	0.2%	-0.9%	-6.4%	0.00%	2.15%	21.3%	8.6%	27.2%
S&P/ASX 200 Consumer Staples	12,273.40	0.11	0.3%	-1.2%	-2.5%	-9.4%	-0.49%	1.81%	7.1%	3.6%	18.0%
S&P/ASX 200 Healthcare	38,088.30	0.03	-1.4%	-3.2%	-10.3%	-15.7%	-0.08%	0.92%	8.0%	3.0%	41.2%
S&P/ASX 200 Financials	6,637.80	0.73	1.5%	6.0%	0.7%	1.6%	-3.35%	5.47%	20.2%	-9.0%	7.4%
S&P/ASX 200 Information Technology	1,723.80	0.09	-0.4%	0.8%	-9.9%	-19.4%	-6.14%	12.14%	-2.8%	56.3%	31.8%
S&P/ASX 200 Telecommunication Services	1,512.70	0.61	0.3%	0.0%	-4.6%	-7.2%	4.86%	4.93%	28.5%	0.9%	22.3%
S&P/ASX 200 Utilities	7,229.50	0.95	1.9%	1.0%	2.2%	8.0%	10.02%	2.39%	4.6%	-21.5%	10.1%
S&P/ASX 200 A-REIT	1,571.60	0.53	-0.2%	-0.8%	-4.7%	-10.4%	8.93%	3.36%	21.6%	-8.0%	14.0%
S&P/ASX 200 Financial-x-A-REIT	7,403.40	0.73	1.5%	6.0%	0.7%	1.6%	-3.35%	5.47%	20.2%	-9.0%	7.4%
North American											
DJIA	34,566.17	0.62	-0.5%	-1.5%	-3.7%	-4.9%	7.37%	-3.12%	18.7%	7.2%	22.3%
S&P 500	4,401.67	0.62	-0.4%	-1.8%	-5.6%	-7.6%	10.65%	-2.00%	26.9%	16.3%	28.9%
NASDAQ	13,790.92	0.34	0.0%	-1.6%	-7.4%	-11.9%	8.28%	-1.53%	21.4%	43.6%	35.2%
Toronto S&P/TSX	21,352.51	0.89	-0.9%	0.6%	0.0%	0.6%	5.74%	-1.07%	21.7%	2.2%	19.1%
Europe											
FTSE	7,531.59	0.88	-1.7%	-0.6%	-0.2%	2.0%	4.21%	0.77%	14.3%	-14.3%	12.1%
DAX	15,113.97	0.53	-2.0%	-0.6%	-4.8%	-4.9%	4.09%	-1.83%	15.8%	3.5%	25.5%
CAC 40	6,852.20	0.69	-2.3%	-2.2%	-4.1%	-4.2%	9.71%	-1.40%	28.9%	-7.1%	26.4%
Asia											
Nikkei	27,079.59	0.20	-2.2%	-0.6%	-3.7%	-5.9%	-2.24%	7.95%	4.9%	16.0%	18.2%
Hang Seng	24,556.57	0.23	-1.4%	-0.1%	0.7%	5.0%	-4.79%	-5.34%	-14.1%	-3.4%	9.1%
Shanghai	3,428.88	0.20	-1.0%	0.0%	-2.6%	-5.8%	2.01%	5.03%	4.8%	13.9%	22.3%
Sensex	56,405.84	0.62	-3.0%	-2.1%	-7.9%	-3.2%	-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

		14-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	594.83	0.10	-1.7%	-0.2%	-3.8%	-2.0%	-1.23%	-1.98%	-4.7%	25.0%	18.2%	
MSCI ACWI-ex-Australia*	USD	365.48	0.63	0.0%	-0.5%	-3.9%	-5.2%	6.04%	-1.06%	18.7%	16.4%	26.7%	
MSCI ACWI-ex-Australia*	TR AUD	14,474.04	0.75	0.0%	-2.4%	-3.5%	-4.7%	5.82%	1.25%	29.6%	5.7%	28.0%	
MSCI All Country World Index*	USD	369.07	0.63	0.0%	-0.4%	-3.8%	-5.1%	6.68%	-1.73%	18.5%	16.3%	26.6%	
MSCI ACWI Minimum Volatility	USD	2,261.38	0.55	-0.9%	-1.4%	-3.4%	-6.0%	5.99%	-1.85%	12.0%	0.6%	18.5%	
MSCI World Net Local	USD	6,946.90	0.62	-0.8%	-1.3%	-4.6%	-6.5%	8.11%	-1.11%	24.2%	13.5%	27.3%	
iShare Emerging Markets		48.38	0.13	-0.7%	-0.4%	-3.5%	-1.0%	-3.04%	-2.36%	-5.5%	15.2%	14.9%	
VIX Volatility S&P500		28.33	0.79	3.5%	23.9%	47.6%	64.5%	-25.58%	26.86%	-24.3%	65.1%	-45.8%	
Commodities													
Light Crude WTI Futures	US\$/bbl	95.46	1.00	2.5%	4.5%	13.9%	26.2%	0.81%	1.46%	55.9%	-20.5%	34.5%	
Brent Crude	US\$/bbl	95.72	1.00	1.4%	3.0%	11.2%	22.4%	-0.43%	2.87%	50.9%	-21.5%	22.7%	
Gold	US\$/oz	1,869.40	0.83	1.5%	2.6%	2.9%	2.1%	4.26%	-3.31%	-3.3%	24.4%	18.9%	
Silver	US\$/oz	23.90	0.35	2.3%	3.6%	4.3%	2.1%	6.20%	-13.70%	-11.3%	47.4%	15.3%	
Copper	US\$/lb	4.51	0.70	0.0%	1.0%	2.0%	0.8%	9.34%	-8.78%	27.1%	25.8%	6.3%	
Iron Ore	US\$/mt	135.87	0.35	-0.9%	2.5%	13.8%	20.6%	-3.56%	-38.57%	-27.0%	82.0%	20.5%	
Malaysian Palm Oil* RM/tn		5,920	1.00	2.1%	4.7%	11.7%	14.8%	6.75%	3.80%	32.6%	28.0%	51.7%	
LNG *Jap/Korea	US\$/mmBtu	24.89	0.44	1.3%	-0.9%	-24.2%	-18.4%	-1.93%	110.74%	113.3%	169.8%	-41.1%	
ICCO Cocoa	US\$/mt	2,677	0.80	-3.2%	2.0%	0.7%	6.2%	-4.98%	12.09%	-3.2%	2.5%	5.1%	
ICO Coffee	US\$/lb	248	0.92	-1.6%	2.4%	3.3%	9.5%	16.55%	8.05%	76.3%	-1.1%	27.3%	
Equities													
Domestic													
				Percentage changes									
PGK K	Arbitrage												
Bank South Pacific		11.12	12.00	0.0%	0.0%	0.0%	-2.0%	-0.41%	0.00%	2.1%	1.9%	14.8%	
Credit Corporation			1.59	0.0%	0.0%	-5.4%	-5.4%	-1.18%	0.00%	-1.2%	6.3%	18.5%	
City Pharmacy			0.95	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%	0.0%	-4.0%	-4.0%	-1.00%	0.00%	10.0%	-5.3%	0.0%	
Kina Securities Limited	2.24		2.85	0.0%	0.0%	-5.0%	-3.4%	-9.23%	0.00%	-1.7%	-11.0%	27.2%	
Steamship Trading Company	23.29		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			5.21	0.02	-1.1%	-2.6%	-2.3%	-4.6%	-12.50%	6.48%	-52.3%	-19.9%	38.6%
ANZ Banking Group Limited			28.20	0.60	1.4%	6.1%	-0.7%	2.5%	-2.27%	1.59%	21.2%	-7.8%	0.7%
BSP Financial Group			4.45	0.28	0.0%	0.0%	11.0%	-14.4%	*				
BHP Billiton Limited			48.33	0.69	-1.1%	2.0%	3.5%	16.5%	10.34%	-29.69%	-2.2%	9.0%	13.7%
Boral Limited			3.72	0.00	-1.8%	-3.9%	-35.6%	-39.0%	-0.65%	-14.48%	23.2%	10.5%	-9.3%
Bougainville Copper Limited			0.77	0.79	-14.0%	91.3%	112.5%	150.8%	-15.28%	-23.40%	5.2%	-10.8%	103.1%
Bank of Queensland			8.38	0.38	1.9%	5.4%	1.8%	3.6%	-13.57%	3.77%	4.5%	6.8%	-25.3%
Brambles Limited			9.42	0.02	-0.5%	0.0%	-9.2%	-11.4%	-1.30%	-7.31%	0.3%	-9.6%	15.5%
Commonwealth Bank of Australia			100.04	0.65	1.5%	6.4%	-0.8%	-1.0%	-3.19%	4.70%	23.0%	2.8%	10.4%
CSL			243.56	0.00	-2.0%	-4.3%	-11.8%	-16.2%	-0.91%	1.55%	2.7%	2.7%	48.9%
Fortescue Mining			22.75	0.71	-0.4%	5.7%	6.5%	18.4%	28.41%	-39.94%	-18.0%	119.2%	155.1%
Horizon Oil Ltd			0.12	0.79	0.0%	0.0%	17.3%	25.0%	2.22%	-25.00%	48.4%	-48.3%	20.0%
Kina Securities Ltd			0.90	0.27	2.3%	2.9%	4.7%	4.7%	-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			194.22	0.73	0.5%	0.1%	-6.0%	-5.4%	12.86%	16.00%	48.3%	0.5%	26.9%
Mirvac Group			2.49	0.34	0.8%	-2.7%	-12.0%	-14.4%	-2.68%	4.55%	10.2%	-17.0%	42.0%
National Australia Bank			30.43	1.00	2.0%	10.4%	3.6%	5.5%	3.63%	7.33%	27.6%	-8.2%	2.3%
Newcrest Mining Limited			23.70	0.30	4.3%	5.4%	-4.1%	-3.2%	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			6.21	1.00	1.6%	2.8%	8.0%	18.5%	10.78%	15.09%	10.1%	-43.7%	30.6%
Pilbara Minerals Ltd			3.04	0.72	-5.6%	-9.3%	-18.3%	-5.0%	56.10%	15.82%	267.8%	210.7%	-55.2%
Qbe Insurance Group Ltd			12.70	0.97	0.6%	2.7%	5.4%	11.9%	-2.66%	7.07%	33.1%	-33.8%	27.5%
Rio Tinto Limited			121.58	0.73	-0.6%	6.0%	9.9%	21.4%	-0.07%	-24.91%	-12.1%	13.4%	27.9%
ResMed Inc			34.09	0.62	0.7%	1.9%	-2.0%	-4.7%	-3.95%	3.13%	31.4%	24.3%	37.6%
Steamship Trading Company			9.32	0.43	0.0%	0.2%	-6.9%	-6.8%	5.26%	0.00%	1.5%	-21.2%	-33.2%
Suncorp Metway Limited			11.73	0.62	-2.5%	2.9%	1.1%	6.0%	-11.86%	8.84%	13.7%	-24.8%	2.6%
Sydney Airport			8.72	1.00	0.0%	0.2%	0.8%	0.5%	5.34%	5.51%	35.4%	-26.0%	28.7%
Transurban Group			12.83	0.25	-0.7%	-0.2%	-3.5%	-7.2%	-2.40%	-0.98%	1.2%	-8.4%	28.0%
Telstra Corporation Limited			4.06	0.83	1.0%	0.7%	-3.8%	-2.9%	6.36%	3.97%	40.3%	-15.8%	24.2%
Treasury Wine Estates Limited			10.63	0.21	-0.6%	-1.4%	-8.4%	-14.1%	-0.24%	4.20%	31.7%	-42.1%	9.7%
Westpac Banking Corporation			23.88	0.55	4.8%	10.8%	11.3%	11.9%	-17.88%	6.04%	10.2%	-20.1%	-3.2%
Worley Limited			11.85	0.84	2.3%	-0.3%	3.8%	11.5%	7.27%	-11.28%	-7.5%	-25.0%	34.1%
Woolworths Limited			33.91	0.02	0.4%	-1.3%	-3.1%	-10.8%	-3.41%	1.52%	-3.3%	8.7%	22.9%
Woodside Petroleum Limited			27.43	1.00	3.6%	2.5%	10.5%	25.1%	-8.17%	8.99%	-3.6%	-33.9%	9.8%
International													
iShare MSCI All Asia ex Japan	USD \$	80.68	0.08	-0.9%	-0.8%	-4.4%	-2.5%	-2.74%	-3.13%	-7.7%	22.2%	15.6%	
Blackrock Int Equity Fund*	AUD \$	21.32	0.74	-0.8%	-2.4%	-2.8%	-5.0%	6.28%	1.34%	24.8%	-0.6%	23.5%	
Blackrock Australian Equity Fund*	AUD \$	1.84	0.52	-1.0%	1.3%	-3.5%	-5.4%	4.61%	-1.44%	11.8%	-2.3%	19.1%	
Vanguard International Share*	AUD \$	2.92	0.72	0.0%	-2.4%	-2.8%	-5.6%	5.86%	1.25%	23.5%	-0.1%	22.7%	
Vanguard FTSE World exUS	USD \$	59.46	0.14	-0.7%	-0.9%	-4.1%	-3.0%	0.52%	-2.45%	5.0%	8.6%	17.9%	
Vanguard FTSE Europe	USD \$	64.54	0.35	-1.0%	-2.1%	-5.5%	-5.4%	4.01%	-4.23%	13.3%	2.8%	20.5%	
iShares Core MSCI Europe	USD \$	55.06	0.36	-1.0%	-2.1%	-5.5%	-5.3%	3.75%	-3.79%	13.4%	2.8%	20.7%	
iShares Asia 50	USD \$	76.56	0.09	-0.7%	-0.5%	-3.5%	0.0%	-2.10%	-6.85%	-12.2%	32.1%	19.3%	
iShares MSCI Japan	USD \$	63.96	0.12	0.0%	-0.5%	-4.9%	-4.5%	-4.68%	4.68%	-0.9%	14.0%	16.9%	
Acadian Global Managed Volatility Equity Fund		1.67	0.46	0.0%	-1.6%	-0.9%	-2.6%	-6.05%	2.82%	10.4%	-11.5%	8.1%	
Lazard Global Managed Volatility Fund - Australia*		1.15	0.60	0.1%	-1.7%	-1.1%	-3.2%	5.32%	1.38%	19.7%	-22.7%	14.9%	
Robeco Emerging Conservative Equity Fund - Australia		1.52	0.91	-0.7%	2.1%	1.2%	3.8%	0.73%	3.46%	13.5%	-15.4%	10.4%	

*Lazard performance since inception 28.02.17

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