

Shading Key:

52 week high (green = 1), low (red = 0) or shaded in-between
%
%
%
%

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

	Closing prices 16-Nov-22	52 wk	Movement for the period				Q3 2022	Q2 2022	2021	2020	2019
			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	1.95%		0.00%	0.04%	0.11%	0.66%	0.65%	-0.06%	1.29%	1.33%	1.39%
60 days	2.43%		0.00%	0.09%	0.16%	0.44%	0.40%	-0.11%	1.99%	2.07%	2.30%
90 days	2.69%	0.00	0.00%	0.06%	0.16%	0.74%	0.43%	-0.20%	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											
Tbill auctions are irregular Wednesdays											
182 days	2.00%	0.27	0.00%	0.00%	0.79%	-2.29%	0.06%	-1.12%	4.29%	4.41%	4.68%
273 days	2.63%	0.00	0.00%	0.00%	-0.02%	-3.32%	0.54%	-1.78%	5.95%	6.04%	6.04%
364 days	4.26%		0.00%	0.00%	0.20%	-2.78%	1.44%	-2.50%	7.04%	7.20%	7.08%
Government Inscribed Stock											
For interest rates, rate at end of each respective year reported.											
GIS 2Y 2022-24	4.20%		0.00%	0.00%	-0.17%	-4.30%			8.50%	8.04%	7.90%
GIS 4Y 2022-26	4.97%		0.00%	0.00%	-0.11%	-4.87%			-	9.84%	-
GIS 5Y 2022-27	5.44%		0.00%	0.00%	0.18%	-4.26%			9.70%	-	-
GIS 7Y 2022-29	5.93%		0.00%	0.00%	0.02%	-3.87%			-	-	-
GIS 8Y 2022-30	6.18%		0.00%	0.00%	0.00%	6.18%			9.90%	-	-
GIS 9Y 2022-31	6.35%		0.00%	0.00%	-0.05%	-3.55%			9.90%	11.82%	10.55%
GIS 10Y 2022-32	6.28%		0.00%	0.00%	-0.07%	-3.62%			9.90%	-	-
Kina Facility Rate											
	3.00%	0.00	0.00%	0.00%	0.00%	0.00%			3.00%	3.00%	5.50%
Ten year Government Bond yields											
Percentage changes											
United States	3.69%	0.81	-0.08%	-0.40%	-0.44%	2.18%	0.82%	0.67%	1.51%	0.91%	1.92%
United Kingdom	3.15%	0.64	-0.15%	-0.31%	-0.73%	2.18%	1.86%	0.62%	0.97%	0.20%	0.82%
Australia	3.73%	0.82	-0.03%	-0.14%	-0.22%	2.06%	0.23%	0.82%	1.67%	0.97%	1.37%
New Zealand	4.19%	0.79	-0.05%	-0.39%	-0.49%	1.80%	0.44%	0.64%	2.39%	0.99%	1.65%
France	2.48%	0.84	-0.12%	-0.21%	-0.47%	2.28%	0.80%	0.94%	0.20%	-0.34%	0.12%
Japan	0.25%	0.95	0.00%	-0.01%	-0.01%	0.18%	0.01%	0.01%	0.07%	0.02%	-0.01%
Australia											
RBA Cash Rate											
	2.85%		0.00%	0.00%	0.25%	2.75%	1.50%	0.75%	0.10%	0.10%	0.75%
PNG CPI Index											
Latest 12 mth % change											
	5.50%								4.60%	3.10%	4.00%
Currencies											
Percentage changes											
PGK/USD	0.2840	0.00	0.00%	0.00%	0.00%	-0.35%	0.00%	0.00%	0.00%	-2.90%	-1.18%
PGK/AUD	0.4195	0.57	-0.87%	-4.11%	-6.92%	6.80%	5.99%	8.56%	6.19%	-11.68%	-0.48%
PGK/GBP	0.2391	0.41	-0.87%	-2.88%	-4.93%	13.21%	9.20%	8.09%	1.00%	-6.57%	-4.40%
PGK/NZD	0.4608	0.53	-0.73%	-3.68%	-7.78%	10.40%	8.54%	11.85%	5.78%	-9.52%	-1.45%
PGK/JPY	39.680	0.71	-0.48%	-4.13%	-6.44%	20.94%	5.96%	11.97%	11.64%	-7.87%	-2.68%
USD/AUD	0.6770	0.38	0.88%	4.28%	7.43%	-6.71%	-5.64%	-7.89%	-5.83%	9.94%	-0.71%
USD/JPY	139.710	0.72	-0.46%	-4.14%	-6.45%	21.36%	5.98%	11.96%	11.63%	-5.12%	-1.53%
USD/EUR	1.0376	0.42	0.44%	3.09%	5.52%	-8.25%	-6.04%	-6.38%	-8.00%	9.68%	-1.94%
USD/GBP	1.1880	0.41	0.90%	2.98%	5.18%	-11.96%	-8.40%	-7.49%	-0.98%	3.90%	3.37%
Equity Indices											
Papua New Guinea											
Percentage changes											
KSI Index	6,279.50	1.00	-0.01%	-0.01%	0.00%	7.13%	0.25%	1.51%	-3.09%	-3.42%	21.05%
KSI Home Index	15,311.87	0.71	-1.80%	-1.80%	0.00%	6.40%	-0.29%	10.08%	8.11%	1.50%	14.95%
Australia											
All Ordinaries	7,327.39	0.54	-0.25%	1.95%	4.68%	-5.81%	-1.01%	-13.39%	13.55%	0.71%	19.14%
S&P/ASX 100	5,974.22	0.63	-0.25%	1.71%	4.62%	-2.83%	-1.32%	-11.65%	13.28%	-2.06%	18.88%
S&P/ASX 20	4,029.90	0.66	-0.25%	2.06%	5.21%	-0.69%	-1.83%	-11.32%	12.14%	-1.49%	15.34%
S&P/ASX 50	6,939.10	0.60	-0.33%	1.80%	4.92%	-2.17%	-2.10%	-11.12%	12.37%	-4.86%	19.07%
S&P/ASX 50 Accumulation	86,254.50	0.79	-0.33%	1.95%	5.29%	2.47%	-0.12%	-10.55%	17.00%	-1.94%	24.43%
S&P/ASX Midcap 50	9,154.60	0.59	0.29%	1.15%	2.79%	-6.26%	3.88%	-14.95%	18.46%	14.48%	17.68%
S&P/ASX Small Ordinaries	2,875.60	0.29	-0.56%	2.24%	5.26%	-18.52%	-1.45%	-20.79%	14.24%	6.62%	17.88%
S&P/ASX 200	7,122.24	0.59	-0.27%	1.76%	4.74%	-4.33%	-1.43%	-12.42%	13.02%	-1.45%	18.38%
S&P/ASX 200 Accumulation	85,933.34	0.76	-0.27%	1.88%	5.05%	-0.21%	0.39%	-11.90%	17.23%	1.40%	23.40%
S&P/ASX 300	7,095.65	0.58	-0.28%	1.76%	4.69%	-4.81%	-1.34%	-12.73%	13.38%	-1.10%	18.77%
S&P/ASX 200 Energy	11,675.30	0.93	1.18%	-0.18%	8.63%	47.78%	2.29%	1.45%	-1.97%	-29.93%	18.24%
S&P/ASX 200 Materials	17,476.20	0.63	0.67%	5.59%	10.77%	4.40%	-2.85%	-16.19%	6.84%	13.37%	22.09%
S&P/ASX 200 Industrials	6,285.50	0.51	-0.03%	-0.39%	2.45%	-5.42%	-6.34%	-2.18%	11.24%	-14.10%	22.62%
S&P/ASX 200 Consumer Discretionary	2,889.20	0.30	-1.27%	0.53%	4.09%	-18.14%	-1.96%	-15.08%	21.31%	8.63%	27.23%
S&P/ASX 200 Consumer Staples	12,476.10	0.22	-0.25%	0.87%	0.55%	-7.88%	-4.33%	-3.40%	7.13%	3.57%	17.98%
S&P/ASX 200 Healthcare	41,821.70	0.42	-0.79%	2.95%	3.72%	-7.44%	2.64%	-1.93%	7.98%	2.97%	41.23%
S&P/ASX 200 Financials	6,434.60	0.63	-1.02%	-0.63%	0.96%	-1.56%	0.66%	-14.87%	20.20%	-9.00%	7.39%
S&P/ASX 200 Information Technology	1,451.50	0.17	-0.24%	3.02%	-0.18%	-32.10%	2.53%	-27.19%	-2.79%	56.35%	31.81%
S&P/ASX 200 Telecommunication Services	1,402.00	0.22	-0.98%	0.26%	0.86%	-13.99%	-0.87%	-10.12%	28.46%	0.91%	22.31%
S&P/ASX 200 Utilities	8,061.70	0.85	-1.47%	9.84%	17.73%	20.45%	-13.62%	0.61%	4.56%	-21.52%	10.09%
S&P/ASX 200 A-REIT	1,350.70	0.24	0.41%	1.32%	6.72%	-23.02%	-7.53%	-18.85%	21.61%	-7.99%	14.01%
S&P/ASX 200 Financial-x-A-REIT	7,176.80	0.63	-1.02%	-0.62%	0.96%	-1.56%	0.66%	-14.87%	20.20%	-8.99%	7.39%
North American											
DJIA	33,553.83	0.60	-0.12%	3.20%	10.29%	-7.66%	-6.66%	-11.25%	18.73%	7.25%	22.34%
S&P 500	3,958.79	0.31	-0.83%	5.61%	7.13%	-16.94%	-5.28%	-16.45%	26.89%	16.26%	28.88%
NASDAQ	11,183.66	0.15	-1.54%	8.02%	4.71%	-28.52%	-4.11%	-22.44%	21.39%	43.64%	35.23%
Toronto S&P/TSX	19,957.96	0.45	-0.18%	3.17%	6.87%	-5.96%	-2.21%	-13.84%	21.74%	2.17%	19.13%
Europe											
FTSE	7,351.19	0.62	-0.25%	0.75%	6.15%	-0.45%	-3.84%	-4.61%	14.30%	-14.34%	12.10%
DAX	14,234.03	0.53	-1.00%	4.15%	11.71%	-10.39%	-5.24%	-11.31%	15.79%	3.55%	25.48%
CAC 40	6,607.22	0.55	-0.52%	2.75%	9.38%	-7.63%	-2.71%	-11.07%	28.85%	-7.14%	26.37%
Asia											
Nikkei	28,028.30	0.65	0.14%	1.13%	2.83%	-2.65%	-1.73%	-5.13%	4.91%	16.01%	18.20%
Hang Seng	18,256.48	0.34	-0.47%	11.60%	10.57%	-21.97%	-21.21%	-0.62%	-14.08%	-3.40%	9.07%
Shanghai	3,119.98	0.29	-0.45%	2.36%	2.48%	-14.28%	-11.01%	4.50%	4.80%	13.87%	22.30%
Sensex	61,980.72	1.00	0.17%	1.55%	4.86%	6.40%	8.31%	-9.48%	21.99%	15.75%	14.38%

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Shading Key:

	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-Nov-22	52 wk	Movement for the period				Q3 2022	Q2 2022	2021	2020	2019	
				Day	Week	Month	YTD						
Indices													
MSCI World USD Index		2,678.23	0.35	0.00%	4.83%	9.80%	-17.13%	-6.58%	-16.60%	20.14%	14.06%	25.19%	
MSCI World Net TR USD Index		8,203.14	0.37	0.00%	4.87%	9.90%	-15.91%	-7.21%	-15.26%	21.82%	15.90%	27.67%	
MSCI ACWI-ex-Australia TR AUD Index		13,664.60	0.44	-0.04%	1.07%	1.34%	-10.03%	-0.72%	-7.44%	29.58%	5.73%	27.97%	
MSCI ACWI Net TR USD Index		325.29	0.37	0.00%	5.08%	10.02%	-16.39%	-7.85%	-14.72%	18.54%	16.25%	26.60%	
MSCI ACWI Minimum Volatility USD		2,100.87	0.35	0.00%	2.32%	7.02%	-12.72%	-6.69%	-9.77%	11.95%	0.56%	18.50%	
MSCI EM Asia Net TR USD Index		562.59	0.32	0.00%	9.09%	13.11%	-21.67%	-14.96%	-8.32%	-5.08%	28.38%	19.24%	
MSCI EM Net TR USD Index		486.41	0.30	0.00%	6.75%	10.99%	-20.03%	-12.65%	-10.36%	-2.54%	18.31%	18.42%	
VIX Volatility S&P500		24.11	0.38	-1.75%	-7.59%	-21.62%	40.01%	10.14%	39.64%	-24.31%	65.09%	-45.79%	
Commodities													
Light Crude WTI Futures US\$/bbl		85.59	0.33	-1.53%	-0.28%	0.05%	13.15%	-24.84%	5.46%	55.89%	-20.54%	34.46%	
Brent Crude US\$/bbl		92.68	0.39	-1.17%	0.30%	0.29%	18.55%	-23.39%	6.39%	50.93%	-21.52%	22.68%	
Gold US\$/oz		1,775.80	0.35	-0.06%	3.62%	8.66%	-3.06%	-7.49%	-7.51%	-3.34%	24.42%	18.87%	
Silver US\$/oz		21.73	0.44	0.97%	1.87%	18.34%	-7.21%	-6.45%	-19.02%	-11.35%	47.38%	15.32%	
Copper US\$/lb		3.77	0.31	-1.20%	1.99%	13.73%	-15.60%	-8.02%	-21.91%	27.05%	25.81%	6.31%	
Iron Ore US\$/mt		92.22	0.19	3.12%	8.74%	1.72%	-18.14%	-18.16%	-16.56%	-27.05%	81.97%	20.45%	
Malaysian Palm Oil* RM/tn		3,907	0.14	-2.01%	-5.74%	-2.84%	-24.27%	-34.61%	-20.39%	32.59%	27.95%	51.75%	
LNG *Jap/Korea US\$/mmBtu		25.89	0.12	-5.52%	-6.65%	-14.61%	-15.12%	0.17%	9.10%	113.25%	169.81%	-41.08%	
ICCO Cocoa US\$/mt		2,503	0.52	0.12%	-1.15%	8.45%	-0.67%	2.75%	-13.55%	-3.19%	2.48%	5.13%	
ICO Coffee US cents/lb		155	0.00	-0.83%	-5.87%	-19.16%	-31.25%	-5.16%	3.18%	76.30%	-1.12%	27.34%	
Equities													
Percentage changes													
Domestic													
PGK		Arbitrage	PNGX										
Bank South Pacific		11.68	12.41	0.59	0.00%	0.00%	0.00%	1.31%	0.08%	2.90%	2.08%	1.87%	14.81%
Credit Corporation			1.85	0.84	-2.63%	-2.63%	0.00%	10.12%	0.00%	15.63%	-1.18%	6.25%	18.52%
City Pharmacy			0.95	0.06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	-38.27%	24.62%
Kina Asset Management Limited			0.95		0.00%	0.00%	0.00%	-4.04%	-5.00%	0.00%	10.00%	-5.26%	0.00%
Kina Securities Limited		2.06	2.90	0.40	0.00%	0.00%	0.00%	-1.69%	-3.33%	0.00%	-1.67%	-10.98%	27.17%
Steamship Trading Company		25.03	35.46		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Santos Limited		17.71	19.10	1.00	0.00%	0.00%	0.00%		0.53%	2.70%			
Australia													
A2 Milk Company Limited			6.01	0.87	2.39%	4.89%	11.50%	10.07%	23.01%	-15.90%	-52.31%	-19.93%	38.57%
ANZ Banking Group Limited			24.16	0.40	-0.29%	-1.59%	-6.47%	-12.18%	3.50%	-20.18%	21.19%	-7.84%	0.70%
BSP Financial Group			4.90	0.45	0.82%	4.26%	2.94%	14.75%	1.01%	3.13%	-17.88%		
BHP Billiton Limited			44.45	0.49	1.16%	7.94%	13.25%	7.11%	-6.62%	-20.29%	-2.19%	9.02%	13.70%
Boral Limited			2.95	0.11	1.37%	5.73%	12.60%	-51.64%	3.09%	-25.14%	23.23%	10.49%	-9.31%
Bougainville Copper Limited			0.31	0.08	0.00%	5.08%	14.81%	1.64%	-15.15%	-56.00%	5.17%	-10.77%	103.13%
Bank of Queensland			7.24	0.35	-0.41%	-0.69%	-5.97%	-10.51%	-2.40%	-23.16%	4.52%	6.76%	-25.26%
Brambles Limited			11.30	0.52	0.09%	-2.33%	-2.08%	6.30%	6.54%	8.07%	0.28%	-9.56%	15.47%
Commonwealth Bank of Australia			104.58	0.82	-1.78%	-0.18%	4.08%	3.54%	0.35%	-14.55%	23.01%	2.77%	10.37%
CSL			289.40	0.62	-0.46%	3.50%	4.49%	-0.45%	5.93%	0.34%	2.66%	2.69%	48.93%
Fortescue Mining			19.85	0.63	2.32%	15.95%	15.34%	3.33%	-4.05%	-15.15%	-18.01%	119.18%	155.13%
Horizon Oil Ltd			0.14	0.70	1.85%	-1.79%	5.77%	49.46%	9.26%	8.00%	48.39%	-48.33%	20.00%
Kina Securities Ltd			0.87	0.48	0.58%	0.58%	1.17%	1.17%	5.59%	-5.85%	-5.00%	-39.60%	56.84%
Kina Petroleum Ltd			0.06		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-1.72%
Macquarie Group Ltd			177.95	0.43	-0.94%	3.79%	9.62%	-13.36%	-7.15%	-19.07%	48.32%	0.46%	26.88%
Mirvac Group			2.12	0.22	0.47%	0.95%	8.72%	-27.15%	-1.52%	-20.68%	10.23%	-16.98%	41.96%
National Australia Bank			30.31	0.57	-0.59%	-4.26%	-4.26%	5.10%	5.18%	-15.33%	27.61%	-8.24%	2.33%
Newcrest Mining Limited			19.11	0.26	-1.85%	-1.55%	9.83%	-21.94%	-19.00%	-21.88%	-5.04%	-14.78%	38.76%
Origin Energy Ltd			7.40	0.86	-1.20%	27.37%	31.21%	41.22%	-9.77%	-8.03%	10.08%	-43.67%	30.60%
Pilbara Minerals Ltd			4.92	0.83	1.86%	-10.55%	-3.15%	53.75%	99.13%	-28.44%	267.82%	210.71%	-55.20%
Qbe Insurance Group Ltd			11.93	0.65	-2.85%	-7.66%	-0.75%	5.11%	-5.10%	5.65%	33.06%	-33.77%	27.52%
Rio Tinto Limited			108.07	0.51	1.55%	9.57%	14.96%	7.95%	-9.07%	-13.78%	-12.05%	13.38%	27.95%
ResMed Inc			33.04	0.54	-1.26%	1.32%	-4.59%	-7.66%	10.23%	-5.34%	31.40%	24.34%	37.56%
Santos Limited			7.43	0.50	0.00%	-2.75%	0.68%	17.75%	-4.45%	-4.13%	0.64%	-23.35%	49.27%
Steamship Trading Company			10.50	0.38	0.00%	0.00%	0.00%	5.00%	-18.83%	18.93%	1.52%	-21.20%	-33.16%
Suncorp Metway Limited			11.77	0.79	-0.93%	-1.34%	10.72%	6.32%	-8.5%	-1.26%	13.66%	-24.85%	2.61%
Sydney Airport			8.72	1.00	0.00%	0.00%	0.00%	0.46%	0.00%	0.00%	35.41%	-25.98%	28.68%
Transurban Group			13.61	0.56	0.29%	-0.15%	7.33%	-1.52%	-14.19%	6.13%	1.17%	-8.38%	27.98%
Telstra Corporation Limited			3.84	0.22	-1.03%	-2.29%	-1.03%	-8.13%	0.00%	-2.78%	40.27%	-15.82%	24.21%
Treasury Wine Estates Limited			13.30	0.89	-0.60%	4.56%	1.92%	7.43%	10.75%	-1.99%	31.70%	-42.12%	9.73%
Westpac Banking Corporation			23.84	0.85	-0.50%	0.51%	0.80%	11.66%	5.85%	-19.55%	10.22%	-20.06%	-3.23%
Worley Limited			14.96	0.92	-0.33%	-0.99%	10.08%	40.73%	-10.60%	10.30%	-7.48%	-24.95%	34.06%
Woolworths Limited			33.72	0.19	-0.18%	1.57%	0.81%	-11.29%	-4.63%	-4.46%	-3.31%	8.71%	22.91%
International													
iShare MSCI All Asia ex Japan		USD \$	64.01	0.28	-1.69%	8.66%	12.61%	-22.61%	-15.24%	-7.81%	-7.74%	22.19%	15.56%
Blackrock Int Equity Fund*		AUD \$	19.29	0.28	-0.04%	1.08%	1.35%	-14.06%	-4.75%	-8.50%	24.76%	-0.61%	23.52%
Blackrock Australian Equity Fund*		AUD \$	1.76	0.45	0.05%	2.76%	5.62%	-9.61%	-6.55%	-10.96%	11.82%	-2.28%	19.10%
Vanguard International Share*		AUD \$	2.67	0.32	-0.04%	1.08%	1.96%	-13.73%	-2.83%	-8.11%	23.54%	-0.10%	22.72%
Vanguard FTSE World exUS		USD \$	50.25	0.33	-0.59%	6.42%	12.27%	-18.00%	-11.21%	-13.25%	5.00%	8.58%	17.92%
Vanguard FTSE Europe		USD \$	54.97	0.40	-0.18%	6.95%	15.39%	-19.45%	-12.63%	-15.19%	13.28%	2.80%	20.53%
iShares Core MSCI Europe		USD \$	46.97	0.40	-0.13%	6.90%	15.18%	-19.24%	-12.06%	-15.81%	13.42%	2.83%	20.66%
iShares Asia 50		USD \$	55.88	0.30	-1.71%	12.73%	16.93%	-27.01%	-20.43%	-8.58%	-12.17%	32.08%	19.35%
iShares MSCI Japan		USD \$	54.36	0.28	-0.35%	6.55%	12.13%	-18.82%	-7.53%	-14.25%	-0.89%	14.04%	16.87%
Acadian Global Managed Volatility Equity Fund			1.54	0.17	-0.51%	-1.76%	-0.90%	-9.98%	-6.92%	-2.24%	10.44%	-11.46%	8.12%
Lazard Global Managed Volatility Fund - Australia*			1.00	0.09	-0.54%	-2.50%	-1.95%	-16.35%	-16.44%	-0.19%	19.66%	-22.67%	14.95%
Robeco Emerging Conservative Equity Fund - Australia			1.31	0.13	-0.08%	-0.50%	-0.71%	-11.02%	-5.34%	-2.96%	13.49%	-15.41%	10.42%

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