

Shading Key: wei

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

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

		Closing prices	52	Movement for the period				Q2 2020	Q1 2020	2019	2018	2017
		03-Jul-20	wk	Day	Week	Month	YTD					
Interest Rates												
Central Bank Bills												
Change to today's price from closing prices of prior period												
28 days	C-bill auctions on Wednesday; reported Thursday/Friday	1.38%		0.00%	0.00%	0.00%	-0.01%	-0.01%	0.00%	1.39%	1.39%	1.41%
60 days		2.23%		0.00%	0.00%	-0.01%	-0.07%	-0.04%	-0.03%	2.30%	2.35%	2.35%
90 days		2.44%	0.00	0.00%	0.00%	-0.02%	-0.06%	-0.04%	-0.02%	2.50%	2.51%	2.51%
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%	2.40%
91 days		2.32%	0.00	0.00%	0.00%	0.00%	-0.03%	0.00%	-0.03%	2.35%	2.39%	2.45%
182 days	Tbill auctions are irregular Wedr	4.68%	0.50	0.00%	0.02%	0.00%	0.00%	-0.03%	0.01%	4.68%	4.71%	4.73%
273 days		6.04%	0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.04%	6.72%	6.76%
364 days	reported Thursday/Friday	7.20%	1.00	0.00%	0.00%	0.00%	0.12%	0.08%	0.04%	7.08%	7.93%	8.03%
Government Inscribed Stock												
GIS 2Y 2020-22	GIS auctions usually monthly	8.04%		0.00%	0.00%					*new issuance - 2020		
GIS 3Y 2020-23	reported Thursday/Friday	9.00%		0.00%	0.00%					*new issuance - 2020		
GIS 4Y 2020-24		9.86%		0.00%	0.00%					*new issuance - 2020		
GIS 5Y 2020-25		9.86%		0.00%	0.00%					*new issuance - 2020		
GIS 6Y 2020-26		10.09%		0.00%	0.00%					*new issuance - 2020		
GIS 9Y 2020-29		11.92%		0.00%	0.00%					*new issuance - 2020		
GIS 10Y 2020-30		12.53%		0.00%	0.00%					*new issuance - 2020		
Kina Facility Rate												
Ten year Government Bond yields												
United States		0.67%	0.08	0.00%	0.03%	-0.23%	-1.25%	-0.01%	-1.25%	1.92%	2.68%	2.41%
United Kingdom		0.19%	0.05	0.00%	0.02%	-0.17%	-0.63%	-0.18%	-0.47%	0.82%	1.28%	1.19%
Australia		0.90%	0.33	-0.02%	0.04%	-0.19%	-0.47%	0.11%	-0.61%	1.37%	2.32%	2.63%
New Zealand		0.96%	0.30	-0.01%	0.02%	-0.03%	-0.70%	-0.16%	-0.57%	1.65%	2.37%	2.72%
France		-0.11%	0.42	0.00%	0.02%	-0.13%	-0.23%	-0.10%	-0.13%	0.12%	0.71%	0.79%
Japan		0.03%	0.85	-0.01%	0.02%	-0.02%	0.04%	0.01%	0.03%	-0.01%	0.00%	0.05%
Australia												
RBA Cash Rate												
Latest 12 mth % change												
PNG CPI Index												
Currencies												
Percentage changes												
PGK/USD		0.2880	0.00	-0.3%	-0.3%	-0.3%	-1.9%	-0.30%	-0.5%	-1.2%	-4.0%	-1.7%
PGK/AUD		0.4156	0.02	-0.5%	-1.0%	0.6%	-0.8%	-4.93%	12.4%	-0.5%	6.1%	-8.9%
PGK/GBP		0.2311	0.28	-0.1%	-0.6%	1.2%	3.3%	-0.09%	5.6%	-4.4%	1.8%	-10.3%
PGK/NZD		0.4420	0.08	-0.6%	-1.5%	-0.5%	1.4%	-3.31%	11.0%	-1.4%	1.5%	-3.7%
PGK/JPY		30.960	0.29	-0.3%	0.0%	-2.0%	-2.9%	-44.00%	-1.0%	-2.7%	-6.1%	-5.0%
AUD/USD		0.6931	0.90	0.1%	0.6%	-0.9%	-1.1%	6.53%	-11.5%	-0.7%	-9.5%	7.8%
USD/JPY		107.500	0.52	0.0%	0.4%	-1.6%	-1.1%	-39.00%	-0.5%	-1.5%	-2.1%	-3.4%
EUR/USD		1.1235	0.23	-0.3%	0.1%	-1.2%	0.2%	1.99%	-1.7%	-1.9%	-4.4%	13.4%
GBP/USD		1.2464	0.49	-0.2%	0.3%	-1.5%	-5.0%	-0.80%	-5.8%	3.4%	-5.7%	9.6%
Equity Indices												
Papua New Guinea												
Percentage changes												
KSI Index		5,120.73	0.01	0.0%	0.0%	-1.6%	-18.2%	-8.4%	-10.8%	21.1%	-5.4%	13.6%
KSI Home Index		13,296.98	0.62	0.0%	0.0%	0.8%	1.4%	-0.7%	2.1%	15.0%	4.8%	2.5%
Australia												
All Ordinaries		6,163.73	0.59	0.3%	2.5%	0.8%	-9.4%	17.4%	-24.9%	19.1%	-7.4%	7.8%
S&P/ASX 100		5,008.40	0.57	0.5%	2.7%	1.2%	-9.6%	15.7%	-24.0%	18.9%	-6.5%	6.2%
S&P/ASX 20		3,341.20	0.52	0.8%	2.3%	1.2%	-9.0%	12.0%	-21.0%	15.3%	-5.2%	2.1%
S&P/ASX 50		5,926.20	0.53	0.6%	2.4%	0.6%	-10.7%	13.4%	-23.3%	19.1%	-5.9%	4.6%
S&P/ASX 50 Accumulation		66,555.70	0.55	0.6%	2.6%	0.8%	-9.3%	13.7%	-22.3%	24.4%	-1.5%	9.5%
S&P/ASX Midcap 50		6,954.80	0.78	-0.1%	4.0%	4.0%	-3.4%	30.1%	-27.8%	17.7%	-10.5%	17.9%
S&P/ASX Small Ordinaries		2,661.60	0.66	-0.6%	1.8%	-1.6%	-8.1%	23.5%	-27.4%	17.9%	-11.3%	16.3%
S&P/ASX 200		6,057.88	0.58	0.4%	2.6%	1.0%	-9.4%	16.2%	-24.0%	18.4%	-6.9%	7.0%
S&P/ASX 200 Accumulation		66,644.94	0.60	0.4%	2.7%	1.1%	-8.0%	16.5%	-23.1%	23.4%	-2.8%	11.8%
S&P/ASX 300		6,018.01	0.58	0.4%	2.6%	0.8%	-9.5%	16.5%	-24.3%	18.8%	-7.1%	7.2%
S&P/ASX 200 Energy		7,556.60	0.36	-0.9%	1.8%	-6.2%	-34.3%	28.0%	-48.9%	18.2%	-10.8%	20.6%
S&P/ASX 200 Materials		13,501.30	0.75	0.0%	1.7%	0.6%	-2.3%	26.1%	-23.7%	22.1%	-2.3%	18.5%
S&P/ASX 200 Industrials		5,796.20	0.49	-0.4%	1.0%	-4.0%	-16.7%	14.8%	-28.3%	22.6%	-3.8%	13.9%
S&P/ASX 200 Consumer Discretionary		2,502.70	0.69	0.2%	3.9%	3.3%	-6.6%	30.1%	-30.1%	27.2%	-10.7%	9.6%
S&P/ASX 200 Consumer Staples		12,815.90	0.65	1.3%	4.3%	4.2%	5.0%	7.2%	-4.3%	18.0%	1.0%	15.4%
S&P/ASX 200 Healthcare		43,632.10	0.66	2.3%	2.5%	5.3%	7.4%	2.3%	1.5%	41.2%	17.3%	24.0%
S&P/ASX 200 Financials		4,935.20	0.44	0.1%	2.4%	0.1%	-17.4%	12.5%	-28.7%	7.4%	-14.8%	-0.4%
S&P/ASX 200 Information Technology		1,665.50	1.00	0.6%	7.3%	9.7%	18.4%	48.7%	-24.9%	31.8%	5.5%	22.9%
S&P/ASX 200 Telecommunication Services		1,237.30	0.62	2.6%	6.0%	4.5%	-1.6%	13.5%	-17.3%	22.3%	-21.4%	-26.6%
S&P/ASX 200 Utilities		7,797.20	0.68	0.8%	1.2%	0.5%	-4.4%	4.1%	-10.3%	10.1%	-10.1%	4.5%
S&P/ASX 200 A-REIT		1,264.90	0.45	-1.0%	1.1%	-2.8%	-19.3%	18.3%	-34.8%	14.0%	-2.1%	0.7%
S&P/ASX 200 Financial-x-A-REIT		5,504.40	0.44	0.1%	2.4%	0.1%	-17.4%	12.5%	-28.7%	7.4%	-14.8%	-0.4%
North American												
DJIA		25,827.36	0.66	0.0%	3.2%	-4.7%	-9.5%	17.8%	-23.2%	22.3%	-5.6%	25.1%
S&P 500		3,130.01	0.78	0.0%	4.0%	-2.0%	-3.1%	20.0%	-20.0%	28.9%	-6.2%	19.4%
NASDAQ		10,207.63	1.00	0.0%	4.6%	4.0%	13.8%	30.6%	-14.2%	35.2%	-3.9%	28.2%
Toronto S&P/TSX		15,596.75	0.65	-0.2%	2.7%	-1.6%	-8.6%	16.0%	-21.6%	19.1%	-11.6%	6.0%
Europe												
FTSE		6,157.30	0.43	-1.3%	0.0%	-5.0%	-18.4%	8.8%	-24.8%	12.1%	-12.5%	7.6%
DAX		12,528.18	0.76	-0.6%	3.6%	-2.5%	-5.4%	23.9%	-25.0%	25.5%	-18.3%	12.5%
CAC 40		5,007.14	0.53	-0.8%	2.0%	-3.7%	-16.2%	12.3%	-26.5%	26.4%	-11.0%	9.3%
Asia												
Nikkei		22,306.48	0.76	0.7%	-0.9%	-2.4%	-5.7%	17.8%	-20.0%	18.2%	-12.1%	19.1%
Hang Seng		25,373.12	0.50	1.0%	3.4%	2.4%	-10.0%	3.5%	-16.3%	9.1%	-13.6%	36.0%
Shanghai		3,152.81	1.00	2.0%	5.8%	7.6%	3.4%	8.5%	-9.8%	22.3%	-24.6%	6.6%
Sensex		36,021.42	0.63	0.5%	2.4%	5.1%	-12.7%	18.5%	-28.6%	14.4%	5.9%	27.9%

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 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

		03-Jul-20	52 wk	Movement for the period				Q2 2020	Q1 2020	2019	2018	2017		
				Day	Week	Month	YTD							
Indices														
MSCI AC Asia-ex-Japan*	USD	505.18	0.85	1.1%	3.7%	4.9%	-0.8%	16.7%	-18.4%	18.2%	-14.4%	41.7%		
MSCI ACWI-ex-Australia*	USD	265.69	0.78	1.0%	3.3%	-1.1%	-4.7%	18.4%	-20.7%	26.7%	-9.4%	24.1%		
MSCI ACWI-ex-Australia*	TR AUD	10,719.55	0.53	0.4%	1.9%	-1.1%	-3.3%	5.6%	-8.7%	28.0%	1.5%	13.4%		
MSCI All Country World Index*	USD	268.59	0.78	0.1%	3.3%	-1.0%	-4.9%	19.2%	-21.4%	26.6%	-9.4%	24.0%		
MSCI ACWI Minimum Volatility	USD	1,962.55	0.61	0.1%	1.9%	-1.7%	-8.2%	9.0%	-16.5%	18.5%	-3.5%	15.6%		
MSCI World Net Local		5,041.32	0.75	-0.1%	3.1%	-1.6%	-4.4%	18.5%	-20.1%	27.3%	-7.4%	18.5%		
iShare Emerging Markets		41.36	0.69	0.0%	3.6%	1.1%	-7.8%	17.2%	-23.9%	14.9%	-17.1%	34.6%		
VIX Volatility S&P500		27.68	0.23	0.0%	-20.3%	12.9%	100.9%	-43.2%	288.5%	-45.8%	130.3%	-21.4%		
Commodities														
Light Crude WTI Futures	US\$/bbl	40.65	0.78	0.0%	5.6%	2.8%	-33.4%	91.7%	-66.5%	34.5%	-24.8%	12.5%		
Brent Crude	US\$/bbl	42.80	0.47	0.0%	4.3%	1.2%	-35.2%	81.0%	-65.5%	22.7%	-19.5%	17.7%		
Gold	US\$/oz	1,790.00	0.97	0.0%	0.5%	6.4%	17.5%	12.8%	4.8%	18.9%	-2.1%	13.7%		
Silver	US\$/oz	18.32	0.84	0.0%	0.8%	4.8%	2.2%	31.7%	-21.0%	15.3%	-9.4%	7.2%		
Copper	US\$/lb	2.75	0.85	0.0%	2.6%	7.6%	-1.7%	22.5%	-20.3%	6.3%	-20.3%	31.7%		
Iron Ore	US\$/mt	98.52	0.52	0.5%	0.2%	2.1%	16.1%	22.1%	-3.4%	20.5%	-0.5%	-10.0%		
Malaysian Palm Oil* RM/tn		2,421	0.42	-0.1%	-2.1%	0.7%	-20.4%	-6.7%	-16.1%	51.7%	-18.0%	-24.1%		
LNG *Jap/Korea	US\$/mmBtu	2.20	0.04	0.0%	0.0%	6.3%	-58.5%	-25.2%	-45.8%	-41.1%	-19.5%	42.2%		
ICCO Cocoa	US\$/mt	2,214	0.12	0.0%	-5.9%	-7.7%	-7.7%	0.1%	-11.5%	5.1%	27.7%	-11.0%		
ICO Coffee	US\$/lb	102	0.25	0.0%	6.9%	3.4%	-21.2%	-16.3%	-7.8%	27.3%	-19.3%	-7.9%		
Equities														
Percentage changes														
Domestic														
		PGK K	Arbitrage	PNGX										
Bank South Pacific				12.00	0.65	0.0%	0.0%	0.0%	1.9%	0.0%	1.9%	14.8%	8.0%	5.6%
Credit Corporation				1.65	0.60	0.0%	0.0%	10.0%	3.1%	-2.9%	6.3%	18.5%	-18.2%	-12.2%
City Pharmacy				0.55	0.16	0.0%	0.0%	0.0%	-32.1%	-31.3%	-1.2%	24.6%	-13.3%	-25.0%
Kina Petroleum Limited	0.14			0.60		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-14.3%	75.0%	0.0%
Kina Asset Management Limited				0.95		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.1%
Kina Securities Limited	2.49			3.30	0.79	0.0%	0.0%	0.0%	-2.1%	0.0%	-2.1%	27.2%	6.0%	-7.4%
Airlines PNG				0.12		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.0%
Steamship Trading Company	23.46			35.46	1.00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	609.2%	0.0%	0.0%
Oil Search Limited	7.72			9.20	0.02	0.0%	0.0%	-8.0%	-46.9%	-31.9%	-22.0%	-5.2%	1.3%	3.0%
Newcrest Mining Limited	78.75			65.00	0.45	0.0%	0.0%	0.0%	-7.1%	0.0%	-7.1%	38.6%	-11.4%	23.9%
Australia														
A2 Milk Company Limited				19.83	1.00	2.6%	8.5%	12.5%	38.7%	12.4%	16.1%	38.6%	40.0%	261.3%
ANZ Banking Group Limited				19.19	0.35	-0.4%	2.1%	-2.9%	-22.1%	9.9%	-31.1%	0.7%	-14.9%	-5.5%
BHP Billiton Limited				36.26	0.67	0.7%	0.6%	-0.2%	-6.8%	23.6%	-25.5%	13.7%	15.8%	18.0%
Boral Limited				3.75	0.50	-2.8%	-0.5%	3.9%	-16.3%	84.9%	-54.2%	-9.3%	-36.6%	44.0%
Bougainville Copper Limited				0.23	0.35	0.0%	-6.1%	-13.2%	-29.2%	38.2%	-47.7%	103.1%	-40.7%	35.0%
Bank of Queensland				6.19	0.30	-1.6%	-3.1%	-0.3%	-14.6%	23.4%	-31.0%	-25.3%	-23.7%	7.2%
Brambles Limited				10.84	0.39	-1.3%	0.9%	-3.4%	-7.5%	2.9%	-9.9%	15.5%	0.8%	-18.8%
Commonwealth Bank of Australia				71.57	0.47	0.7%	3.3%	4.1%	-10.4%	12.3%	-22.6%	10.4%	-9.9%	-2.5%
CSL				297.46	0.65	2.7%	1.6%	4.3%	7.9%	-3.3%	7.6%	48.9%	31.0%	40.7%
Fortescue Mining				14.02	0.88	-0.1%	-1.1%	-3.6%	31.2%	38.5%	-6.5%	155.1%	-14.1%	-17.1%
Horizon Oil Ltd				0.07	0.21	1.6%	4.8%	-5.8%	-45.8%	32.6%	-61.7%	20.0%	7.5%	66.1%
Kina Securities Ltd				1.04	0.44	0.5%	0.0%	-6.8%	-30.5%	16.3%	-38.3%	56.8%	27.5%	-29.0%
Kina Petroleum Ltd				0.06		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.7%	-38.9%	5.6%
Macquarie Group Ltd				122.02	0.63	0.0%	2.4%	3.4%	-11.5%	38.3%	-37.8%	26.9%	9.1%	14.4%
Mirvac Group				2.29	0.32	-1.7%	1.3%	-8.0%	-28.0%	3.8%	-34.3%	42.0%	-4.7%	10.3%
National Australia Bank				18.74	0.30	-0.8%	1.8%	-3.8%	-23.9%	9.2%	-32.3%	2.3%	-18.6%	-3.6%
Newcrest Mining Limited				32.73	0.64	0.4%	5.1%	12.7%	8.2%	36.8%	-23.8%	38.8%	-4.5%	12.7%
Oil Search Limited				3.21	0.22	-2.1%	2.9%	-10.3%	-55.7%	33.2%	-67.2%	1.3%	-8.1%	8.6%
Origin Energy Ltd				5.95	0.42	-1.2%	0.3%	-4.5%	-29.6%	33.3%	-48.2%	30.6%	-31.3%	42.9%
Pilbara Minerals Ltd				0.27	0.35	-1.8%	3.8%	-23.9%	-3.6%	47.1%	-39.3%	-55.2%	-43.9%	123.0%
Qbe Insurance Group Ltd				9.45	0.27	1.2%	6.4%	4.1%	-26.6%	3.0%	-33.2%	27.5%	-5.4%	-14.0%
Rio Tinto Limited				96.39	0.63	-1.5%	-2.6%	-2.2%	-4.0%	15.8%	-15.8%	27.9%	3.5%	26.6%
ResMed Inc				28.15	1.00	1.6%	3.6%	22.1%	28.5%	11.5%	12.7%	37.6%	44.9%	28.1%
Steamship Trading Company				9.75	0.11	0.0%	0.0%	2.6%	-22.0%	-2.5%	-20.0%	-33.2%	8.0%	-21.3%
Suncorp Metway Limited				9.26	0.25	3.3%	-2.9%	-7.0%	-28.5%	1.1%	-29.6%	2.6%	-8.9%	2.5%
Sydney Airport				5.74	0.23	-0.5%	2.9%	-11.4%	-33.7%	1.4%	-35.5%	28.7%	-4.5%	17.7%
Transurban Group				14.62	0.72	0.6%	0.9%	-0.4%	-1.9%	17.4%	-19.2%	28.0%	-6.3%	20.4%
Telstra Corporation Limited				3.36	0.37	4.0%	7.3%	4.3%	-5.1%	2.0%	-13.3%	24.2%	-21.5%	-28.8%
Treasury Wine Estates Limited				11.01	0.23	0.7%	5.2%	3.1%	-32.2%	4.5%	-38.2%	9.7%	-7.3%	49.4%
Westpac Banking Corporation				18.54	0.28	-0.4%	3.1%	-1.3%	-23.5%	8.8%	-31.9%	-3.2%	-20.1%	-3.8%
Worley Limited				8.83	0.35	-0.9%	0.3%	-5.1%	-42.3%	41.8%	-59.8%	34.1%	-16.1%	48.8%
Woolworths Limited				37.77	0.39	1.6%	3.8%	1.9%	4.5%	6.2%	-2.9%	22.9%	7.8%	13.3%
Woodside Petroleum Limited				21.65	0.31	-0.6%	2.3%	-7.3%	-37.0%	18.9%	-47.0%	9.8%	-5.3%	6.2%
International														
iShare MSCI All Asia ex Japan	USD \$	71.66	0.79	0.0%	3.6%	2.7%	-2.3%	15.9%	-18.7%	15.6%	-16.7%	38.8%		
Blackrock Int Equity Fund*	AUD \$	17.43	0.51	0.0%	0.0%	0.7%	-3.7%	4.9%	-8.8%	23.5%	-6.6%	6.2%		
Blackrock Australian Equity Fund*	AUD \$	1.54	0.50	0.0%	1.4%	-1.6%	-13.5%	12.9%	-24.4%	19.1%	-11.0%	4.3%		
Vanguard International Share*	AUD \$	2.31	0.37	1.0%	-1.2%	-2.0%	-7.9%	3.9%	-9.5%	22.7%	-2.9%	5.9%		
Vanguard FTSE World exUS	USD \$	48.58	0.67	0.0%	2.6%	-1.4%	-9.6%	16.1%	-23.7%	17.9%	-16.7%	23.9%		
Vanguard FTSE Europe	USD \$	51.19	0.64	0.0%	2.8%	-2.9%	-12.6%	16.3%	-26.1%	20.5%	-17.8%	23.4%		
iShares Core MSCI Europe	USD \$	43.39	0.63	0.0%	2.6%	-3.8%	-13.0%	15.3%	-25.6%	20.7%	-17.6%	23.3%		
iShares Asia 50	USD \$	67.09	0.88	0.0%	3.7%	4.0%	1.7%	16.5%	-15.6%	19.3%	-16.3%	42.8%		
iShares MSCI Japan	USD \$	55.17	0.68	0.0%	-0.5%	-3.3%	-6.9%	11.2%	-16.6%	16.9%	-15.4%	22.7%		
Acadian Global Managed Volatility Equity Fund		1.55	0.16	-3.2%	-2.6%	-3.3%	-11.8%	0.7%	-9.9%	8.1%	-6.1%	8.3%		
Lazard Global Managed Volatility Fund - Australia*		1.17	0.20	0.0%	-0.6%	0.5%	-9.1%	-1.8%	-7.8%	14.9%	-1.1%			
Robeco Emerging Conservative Equity Fund - Australia		1.29	0.12	0.0%	-0.5%	-1.0%	-15.9%	0.1%	-16.0%	10.4%	-0.6%	15.7%		

*Lazard performance since inception 28.02.17