

Shading Key: wei

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%)
Dark Red	2 standard deviation move down (5%)

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

	Closing prices 21-Sep-20	52 wk	Movement for the period				Q2 2020	Q1 2020	2019	2018	2017
			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	1.37%	0.00%	0.00%	0.00%	-0.02%	-0.01%	0.00%	1.39%	1.39%	1.41%
60 days		2.07%	0.00%	0.00%	0.00%	-0.23%	-0.04%	-0.03%	2.30%	2.35%	2.35%
90 days		2.41%	0.00%	0.00%	0.00%	-0.03%	-0.09%	-0.04%	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%	2.36%	2.36%	2.40%
91 days		2.32%	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%	0.40%	-0.02%	-0.02%	0.00%	-0.03%	0.01%	4.68%	4.71%	4.73%
273 days		6.03%	0.00%	0.00%	0.00%	-0.01%	0.00%	0.00%	6.04%	6.72%	6.76%
364 days	reported Thursday/Friday	7.20%	1.00%	0.00%	0.00%	0.12%	0.08%	0.04%	7.08%	7.93%	8.03%
Government Inscribed Stock											
For interest rates, rate at end of each respective year reported.											
*new issuance - 2020											
*new issuance - 2020											
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*new issuance - 2020											
*new issuance - 2020											
*new issuance - 2020											
*new issuance - 2020											
Kina Facility Rate											
5.50%											
6.25%											
6.25%											
Ten year Government Bond yields											
United States											
United Kingdom											
Australia											
New Zealand											
France											
Japan											
Australia											
RBA Cash Rate											
PNG CPI Index											
Latest 12 mth % change											
Currencies											
Percentage changes											
Annual change within the year											
PGK/USD											
PGK/AUD											
PGK/GBP											
PGK/NZD											
PGK/JPY											
AUD/USD											
USD/JPY											
EUR/USD											
GBP/USD											
Equity Indices											
Papua New Guinea											
KSI Index											
KSI Home Index											
Australia											
All Ordinaries											
S&P/ASX 100											
S&P/ASX 20											
S&P/ASX 50											
S&P/ASX 50 Accumulation											
S&P/ASX Midcap 50											
S&P/ASX Small Ordinaries											
S&P/ASX 200											
S&P/ASX 200 Accumulation											
S&P/ASX 300											
S&P/ASX 200 Energy											
S&P/ASX 200 Materials											
S&P/ASX 200 Industrials											
S&P/ASX 200 Consumer Discretionary											
S&P/ASX 200 Consumer Staples											
S&P/ASX 200 Healthcare											
S&P/ASX 200 Financials											
S&P/ASX 200 Information Technology											
S&P/ASX 200 Telecommunication Services											
S&P/ASX 200 Utilities											
S&P/ASX 200 A-REIT											
S&P/ASX 200 Financial-x-A-REIT											
North American											
DJIA											
S&P 500											
NASDAQ											
Toronto S&P/TSX											
Europe											
FTSE											
DAX											
CAC 40											
Asia											
Nikkei											
Hang Seng											
Shanghai											
Sensex											

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	2 standard deviation move up (5%)
	1 standard deviation move up (33%)
	1 standard deviation move down (33%)
	2 standard deviation move down (5%)

22-Sep-20
Reporting closing prices for prior day

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

		21-Sep-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	541.82	0.94	-1.1%	-0.5%	-0.8%	6.4%	16.7%	-18.4%	18.2%	-14.4%	41.7%	
MSCI ACWI-ex-Australia*	USD	284.03	0.87	0.0%	-1.0%	-0.6%	1.8%	18.4%	-20.7%	26.7%	-9.4%	24.1%	
MSCI ACWI-ex-Australia*	TR AUD	10,867.27	0.58	0.0%	-1.4%	-3.0%	-2.0%	5.6%	-8.7%	28.0%	1.5%	13.4%	
MSCI All Country World Index*	USD	282.23	0.83	-1.6%	-2.6%	-3.3%	0.0%	19.2%	-21.4%	26.6%	-9.4%	24.0%	
MSCI ACWI Minimum Volatility	USD	2,008.93	0.68	-1.4%	-2.0%	-2.1%	-6.0%	9.0%	-16.5%	18.5%	-3.5%	15.6%	
MSCI World Net Local		5,230.33	0.82	-1.3%	-2.6%	-3.4%	-0.8%	18.5%	-20.1%	27.3%	-7.4%	18.5%	
iShare Emerging Markets		44.11	0.86	-0.9%	-1.2%	-1.5%	-1.7%	17.2%	-23.9%	14.9%	-17.1%	34.6%	
VIX Volatility S&P500		27.78	0.23	7.5%	7.5%	24.2%	101.6%	-43.2%	288.5%	-45.8%	130.3%	-21.4%	
Commodities													
Light Crude WTI Futures	US\$/bbl	39.31	0.76	-4.4%	5.5%	-7.8%	-35.6%	91.7%	-66.5%	34.5%	-24.8%	12.5%	
Brent Crude	US\$/bbl	41.76	0.46	-3.2%	5.4%	-7.5%	-36.7%	81.0%	-65.5%	22.7%	-19.5%	17.7%	
Gold	US\$/oz	1,910.60	0.74	-2.6%	-2.7%	-1.5%	25.4%	12.8%	4.8%	18.9%	-2.1%	13.7%	
Silver	US\$/oz	24.39	0.72	-10.1%	-10.8%	-8.9%	36.1%	31.7%	-21.0%	15.3%	-9.4%	7.2%	
Copper	US\$/lb	3.03	0.92	-2.7%	-1.2%	2.9%	8.4%	22.5%	-20.3%	6.3%	-20.3%	31.7%	
Iron Ore	US\$/mt	123.49	0.93	0.6%	-1.8%	-1.5%	45.5%	22.1%	-3.4%	20.5%	-0.5%	-10.0%	
Malaysian Palm Oil* RM/tn		3,040	0.92	-2.0%	3.3%	9.7%	0.0%	-6.7%	-16.1%	51.7%	-18.0%	-24.1%	
LNG *Jap/Korea	US\$/mmBtu	4.78	0.55	-1.3%	10.9%	22.4%	-9.8%	-25.2%	-45.8%	-41.1%	-19.5%	42.2%	
ICCO Cocoa	US\$/lb	2,629	0.57	-0.5%	0.0%	4.8%	3.5%	0.1%	-11.5%	5.1%	27.7%	-11.0%	
ICO Coffee	US\$/lb	112	0.44	-1.4%	-9.3%	-6.9%	-13.6%	-16.3%	-7.8%	27.3%	-19.3%	-7.9%	
Equities													
Percentage changes													
Domestic													
	PGK K	Arbitrage	PNGX										
Bank South Pacific			12.00	0.43	0.0%	0.0%	0.0%	1.9%	0.0%	1.9%	14.8%	8.0%	5.6%
Credit Corporation			1.70	0.80	0.0%	0.0%	0.0%	6.3%	-2.9%	6.3%	18.5%	-18.2%	-12.2%
City Pharmacy			0.50	0.60	0.0%	0.0%	-9.1%	-38.3%	-31.3%	-1.2%	24.6%	-13.3%	-25.0%
Kina Petroleum Limited	0.15		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	2.00		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	25.25		35.46		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	609.2%	0.0%	0.0%
Oil Search Limited	7.21		10.00	0.10	0.0%	0.0%	8.7%	-42.2%	-31.9%	-22.0%	-5.2%	1.3%	3.0%
Newcrest Mining Limited	81.83		75.00	0.87	0.0%	0.0%	0.0%	7.1%	0.0%	-7.1%	38.6%	-11.4%	23.9%
Australia													
A2 Milk Company Limited			16.43	0.59	0.2%	0.7%	-11.8%	14.9%	12.4%	16.1%	38.6%	40.0%	261.3%
ANZ Banking Group Limited			16.85	0.20	-1.3%	-4.7%	-7.5%	-31.6%	9.9%	-31.1%	0.7%	-14.9%	-5.5%
BHP Billiton Limited			37.35	0.76	-1.2%	0.3%	-3.2%	-4.0%	23.6%	-25.5%	13.7%	15.8%	18.0%
Boral Limited			4.19	0.70	-0.7%	2.4%	13.9%	-6.5%	84.9%	-54.2%	-9.3%	-36.6%	44.0%
Bougainville Copper Limited			0.26	0.41	10.9%	2.0%	0.0%	-21.5%	38.2%	-47.7%	103.1%	-40.7%	35.0%
Bank of Queensland			5.92	0.26	-1.2%	-3.3%	0.7%	-18.3%	23.4%	-31.0%	-25.3%	-23.7%	7.2%
Brambles Limited			10.40	0.29	0.3%	-1.9%	-6.2%	-2.9%	2.9%	-9.9%	15.5%	0.8%	-18.8%
Commonwealth Bank of Australia			63.50	0.25	-1.4%	-4.0%	-7.9%	-20.5%	12.3%	-22.6%	10.4%	-9.9%	-2.5%
CSL			283.25	0.43	0.2%	0.0%	-4.0%	2.7%	-3.3%	7.6%	48.9%	31.0%	40.7%
Fortescue Mining			16.20	0.72	0.2%	-8.5%	-12.7%	51.5%	38.5%	-6.5%	155.1%	-14.1%	-17.1%
Horizon Oil Ltd			0.06	0.12	-1.8%	-1.8%	-3.5%	-54.2%	32.6%	-61.7%	20.0%	7.5%	66.1%
Kina Securities Ltd			0.79	0.16	-1.9%	-2.5%	-18.7%	-47.3%	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			121.14	0.62	-1.2%	0.8%	-5.2%	-12.1%	38.3%	-37.8%	26.9%	9.1%	14.4%
Mirvac Group			2.06	0.20	-2.4%	0.5%	-1.0%	-35.2%	3.8%	-34.3%	42.0%	-4.7%	10.3%
National Australia Bank			17.04	0.21	-1.4%	-2.1%	-2.9%	-30.8%	9.2%	-32.3%	2.3%	-18.6%	-3.6%
Newcrest Mining Limited			32.12	0.69	-2.1%	-0.8%	-2.6%	6.2%	36.8%	-23.8%	38.8%	-4.5%	12.7%
Oil Search Limited			2.83	0.16	0.4%	-3.1%	-5.7%	-61.0%	33.2%	-67.2%	1.3%	-8.1%	8.6%
Origin Energy Ltd			4.56	0.15	0.7%	-3.2%	-15.4%	-46.0%	33.3%	-48.2%	30.6%	-31.3%	42.9%
Pilbara Minerals Ltd			0.39	0.89	-1.3%	13.2%	8.5%	37.5%	47.1%	-39.3%	-55.2%	-43.9%	123.0%
Qbe Insurance Group Ltd			8.88	0.20	-0.7%	-5.2%	-16.2%	-31.1%	3.0%	-33.2%	27.5%	-5.4%	-14.0%
Rio Tinto Limited			99.40	0.73	-1.2%	-4.2%	-1.5%	-1.0%	15.8%	-15.8%	27.9%	3.5%	26.6%
ResMed Inc			23.15	0.43	-0.9%	-2.2%	-8.5%	5.7%	11.5%	12.7%	37.6%	44.9%	28.1%
Steamship Trading Company			9.91	0.14	0.0%	0.0%	3.2%	-20.7%	-2.5%	-20.0%	-33.2%	8.0%	-21.3%
Suncorp Metway Limited			8.67	0.16	-1.3%	-3.8%	-8.4%	-33.1%	1.1%	-29.6%	2.6%	-8.9%	2.5%
Sydney Airport			5.43	0.16	-0.5%	-1.6%	-0.2%	-37.3%	1.4%	-35.5%	28.7%	-4.5%	17.7%
Transurban Group			13.74	0.58	-0.9%	-2.6%	0.3%	-7.8%	17.4%	-19.2%	28.0%	-6.3%	20.4%
Telstra Corporation Limited.			2.83	0.91	0.0%	-1.7%	-7.5%	-20.1%	2.0%	-13.3%	24.2%	-21.5%	-28.8%
Treasury Wine Estates Limited			8.89	0.03	0.5%	-2.2%	-8.8%	-45.3%	4.5%	-38.2%	9.7%	-7.3%	49.4%
Westpac Banking Corporation			16.40	0.15	-1.4%	-3.4%	-4.1%	-32.3%	8.8%	-31.9%	-3.2%	-20.1%	-3.8%
Worley Limited			9.89	0.45	1.9%	4.3%	11.4%	-35.4%	41.8%	-59.8%	34.1%	-16.1%	48.8%
Woolworths Limited			36.21	0.22	0.4%	-0.8%	-9.0%	0.1%	6.2%	-2.9%	22.9%	7.8%	13.3%
Woodside Petroleum Limited			18.39	0.15	0.6%	0.1%	-7.6%	-46.5%	18.9%	-47.0%	9.8%	-5.3%	6.2%
International													
iShare MSCI All Asia ex Japan	USD \$	77.11	0.91	-0.7%	-0.7%	-0.9%	5.1%	15.9%	-18.7%	15.6%	-16.7%	38.8%	
Blackrock Int Equity Fund*	AUD \$	16.64	0.34	-0.9%	-0.4%	-2.9%	-8.1%	4.9%	-8.8%	23.5%	-6.6%	6.2%	
Blackrock Australian Equity Fund*	AUD \$	1.52	0.47	-0.3%	0.2%	-3.0%	-14.4%	12.9%	-24.4%	19.1%	-11.0%	4.3%	
Vanguard International Share*	AUD \$	2.33	0.41	-0.9%	-0.3%	-3.0%	-7.1%	3.9%	-9.5%	22.7%	-2.9%	5.9%	
Vanguard FTSE World exUS	USD \$	50.34	0.77	-2.6%	-2.8%	-2.8%	-6.3%	16.1%	-23.7%	17.9%	-16.7%	23.9%	
Vanguard FTSE Europe	USD \$	52.39	0.70	-3.7%	-3.6%	-4.0%	-10.6%	16.3%	-26.1%	20.5%	-17.8%	23.4%	
iShares Core MSCI Europe	USD \$	44.73	0.70	-3.1%	-3.0%	-3.3%	-10.3%	15.3%	-25.6%	20.7%	-17.6%	23.3%	
iShares Asia 50	USD \$	72.15	0.92	-0.6%	-1.2%	-0.8%	9.3%	16.5%	-15.6%	19.3%	-16.3%	42.8%	
iShares MSCI Japan	USD \$	58.38	0.87	-1.5%	-1.0%	0.2%	-1.5%	11.2%	-16.6%	16.9%	-15.4%	22.7%	
Acadian Global Managed Volatility Equity Fund		1.54	0.15	-0.5%	0.0%	-3.9%	-12.2%	0.7%	-9.9%	8.1%	-6.1%	8.3%	
Lazard Global Managed Volatility Fund - Australia*		1.01	0.02	0.0%	0.4%	-2.9%	-21.5%	-1.8%	-7.8%	14.9%	-1.1%		
Robeco Emerging Conservative Equity Fund - Australia		1.23	0.08	0.8%	1.9%	-1.7%	-19.3%	0.1%	-16.0%	10.4%	-0.6%	15.7%	

*Lazard performance since inception 28.02.17

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