

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

		12-Dec-17	52 wk	Movement for the period				Q3 2017	Q2 2017	2016	2015	2014
				Day	Week	Month	YTD					
Indices												
MSCI AC Asia-ex-Japan*	USD	490.86	0.90	0.9%	0.7%	-0.6%	38.2%	6.6%	8.3%	5.7%	-9.4%	5.1%
MSCI ACWI-ex-Australia*	USD	239.67	1.00	0.4%	0.5%	2.1%	22.4%	5.2%	4.4%	7.0%	-1.5%	4.7%
MSCI All Country World Index*	USD	242.71	1.00	0.4%	0.8%	2.1%	22.2%	5.2%	4.3%	7.1%	-1.7%	4.4%
MSCI ACWI Minimum Volatility	USD	1,859.84	1.00	0.3%	0.4%	1.8%	14.9%	2.2%	2.9%	5.2%	0.6%	8.6%
MSCI World Net Local		4,448.07	1.00	0.3%	1.1%	2.2%	17.9%	3.9%	2.7%	9.0%	2.1%	9.7%
iShare Emerging Markets		45.86	0.86	-0.7%	-0.1%	0.0%	31.0%	8.3%	5.1%	8.4%	-17.8%	-6.0%
VIX Volatility S&P500		9.92	0.11	6.2%	-12.4%	-14.4%	-29.3%	-14.9%	-9.6%	-18.8%	8.6%	16.0%
Commodities												
Light Crude (WTI)	US\$/bbl	57.46	0.91	-1.0%	-0.3%	4.5%	7.0%	12.2%	-9.0%	46.5%	-31.2%	-45.9%
Brent Crude	US\$/bbl	63.85	0.96	-1.4%	1.9%	3.9%	12.4%	20.1%	-9.3%	55.3%	-36.2%	-48.3%
Gold	US\$/oz	1,246.00	0.52	0.2%	-1.5%	-2.7%	8.2%	3.4%	-0.7%	8.5%	-10.4%	-1.5%
Silver	US\$/oz	15.74	0.10	0.1%	-2.1%	-7.5%	-1.6%	0.3%	-8.9%	14.8%	-10.7%	-19.5%
Copper	US\$/lb	3.02	0.72	0.3%	2.6%	-1.0%	20.6%	9.0%	2.2%	16.8%	-24.0%	-16.8%
Iron Ore	US\$/mt	66.01	0.29	0.0%	-4.0%	8.4%	-16.1%	14.0%	-30.0%	81.3%	-37.4%	-48.1%
Malaysian Palm Oil* RM/tn		2,365	0.02	0.6%	-3.7%	-10.9%	-26.5%	4.7%	-8.4%	39.3%	0.8%	-12.8%
LNG *Jap/Korea	US\$/mmBtu	9.90	1.00	0.1%	0.6%	7.7%	26.0%	49.0%	-30.2%	14.5%	-31.8%	
ICCO Cocoa	US\$/mt	1,872	0.18	-2.3%	-3.0%	-12.9%	-11.9%	7.4%	-9.2%	-34.2%	11.0%	7.4%
ICO Coffee	US\$/lb	117	0.09	-1.6%	-7.1%	-7.9%	-14.6%	3.2%	-10.9%	10.8%	-25.8%	50.5%
Equities												
Domestic												
	PGK K			Arbitrage				POMSox				
Percentage changes												
Bank South Pacific		9.50	0.84	0.0%	-1.0%	0.0%	5.6%	0.6%	1.5%	20.0%	5.0%	-10.5%
Credit Corporation		1.69	0.00	0.0%	0.0%	-5.1%	-10.1%	0.0%	-8.7%	-16.4%	-13.5%	4.0%
City Pharmacy		0.75	0.00	0.0%	0.0%	-23.5%	-25.0%	0.0%	-2.0%	-24.8%	-7.6%	-26.5%
Kina Petroleum Limited	0.22	0.40		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-46.7%	-21.1%
Kina Asset Management Limited		0.95	0.33	0.0%	0.0%	0.0%	-2.1%	-2.1%	-1.0%	14.1%	-15.0%	-9.1%
Kina Securities Limited	1.78	2.50	0.00	0.0%	0.0%	-3.8%	-7.4%	1.2%	-1.2%	1.9%	27.4%	**from IPO price
Airlines PNG		0.12	0.63	0.0%	0.0%	0.0%	-20.0%	-20.0%	0.0%	-54.5%	0.0%	-5.7%
Steamship Trading Company	44.77	5.00		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oil Search Limited	17.91	17.92	0.46	0.0%	0.4%	0.6%	2.4%	-1.9%	-2.8%	24.5%	-12.1%	-8.7%
Highlands Pacific Limited	0.22	0.16	0.00	0.0%	0.0%	0.0%	-15.8%	-11.1%	-10.0%	-5.0%	33.3%	-25.0%
Newcrest Mining Limited	54.50	57.00	0.92	0.0%	0.0%	5.6%	23.9%	17.4%	-20.7%	76.9%	8.3%	-20.0%
Australia												
AMP Limited		5.23	0.67	-0.4%	1.2%	1.9%	3.8%	-6.9%	0.2%	-13.6%	6.0%	25.3%
ANZ Banking Group Limited		28.82	0.26	1.1%	2.7%	-1.3%	-5.3%	3.1%	-9.7%	8.9%	-13.0%	-0.4%
BHP Billiton Limited		27.65	0.83	1.7%	-0.4%	-1.1%	10.3%	10.7%	-3.2%	40.3%	-34.9%	-22.7%
Bougainville Copper Limited		0.25	0.38	-7.5%	-15.5%	-2.0%	22.5%	-6.7%	66.7%	-16.7%	-5.9%	-46.3%
Bank of Queensland		12.78	0.74	0.1%	-0.2%	1.3%	7.7%	13.4%	-5.8%	-14.8%	14.4%	0.2%
Brambles Limited		10.01	0.29	-1.4%	-3.3%	2.1%	-19.3%	-7.5%	4.1%	7.2%	8.8%	16.2%
Commonwealth Bank of Australia		80.36	0.49	0.4%	2.1%	-0.6%	-2.5%	-9.1%	-3.6%	-3.6%	-0.1%	10.1%
Coca Cola Amatil		8.54	0.29	1.1%	3.8%	5.4%	-15.6%	-16.3%	-14.7%	8.8%	-0.2%	-22.5%
CSL		140.61	0.86	-0.6%	-2.6%	-0.1%	40.0%	-2.9%	10.1%	-4.7%	21.5%	25.7%
Fortescue Mining		4.70	0.07	2.0%	1.1%	-1.5%	-20.2%	-1.5%	-16.2%	215.0%	-31.8%	-52.9%
Highlands Pacific Limited		0.09	0.58	0.0%	-4.3%	-7.2%	60.7%	10.5%	-16.2%	-16.4%	17.5%	-6.6%
Horizon Oil Ltd		0.09	0.96	-1.1%	1.1%	8.0%	67.9%	35.7%	-27.6%	-30.0%	-50.0%	-47.5%
Kina Securities Ltd		0.74	0.09	-2.0%	0.7%	-2.0%	-30.0%	14.2%	-25.3%	-3.7%	9.0%	**from IPO price
Kina Petroleum Ltd		0.09	0.46	-5.2%	1.1%	4.5%	2.2%	10.0%	-27.3%	-35.7%	-86.0%	-25.0%
Macquarie Group Ltd		98.34	0.89	0.4%	2.2%	0.6%	12.9%	2.7%	-1.9%	5.3%	42.0%	5.4%
Mirvac Group		2.53	0.98	2.8%	5.4%	3.3%	18.8%	7.5%	-2.7%	7.6%	11.2%	6.0%
National Australia Bank		29.97	0.18	0.5%	2.1%	-0.5%	-2.3%	6.5%	-11.2%	1.6%	-10.1%	-3.5%
Newcrest Mining Limited		22.46	0.65	-1.0%	-3.4%	-3.3%	10.9%	4.3%	-9.5%	56.1%	19.1%	39.6%
Oil Search Limited		7.38	0.83	1.1%	1.8%	1.7%	2.9%	2.6%	-5.9%	7.0%	-15.1%	-2.7%
Origin Energy Ltd		9.30	1.00	1.9%	2.0%	12.5%	41.1%	9.0%	-2.7%	40.2%	-59.7%	-17.1%
Qbe Insurance Group Ltd		10.71	0.24	-0.3%	-0.3%	-3.9%	-13.8%	-15.2%	-8.4%	-1.4%	12.3%	-2.6%
Rio Tinto Limited		70.25	0.74	1.1%	-0.5%	-3.8%	17.3%	5.2%	4.6%	34.0%	-22.9%	-14.9%
Santos Limited		5.10	0.98	1.0%	1.4%	13.8%	26.9%	32.7%	-20.3%	9.2%	-55.4%	-43.6%
Stockland		4.72	0.70	1.7%	0.9%	2.6%	3.1%	-1.8%	-5.6%	11.7%	-0.5%	14.1%
Steamship Trading Company		18.45	0.04	0.0%	0.0%	-0.3%	-16.1%	-7.7%	3.4%	12.8%	-39.1%	3.2%
Suncorp Metway Limited		14.29	0.67	-1.0%	-0.1%	2.7%	5.7%	-11.9%	12.2%	11.4%	-13.7%	7.3%
Sydney Airport		7.29	0.78	-0.3%	-1.9%	0.6%	21.7%	0.3%	4.7%	-5.7%	34.8%	23.9%
Transurban Group		12.21	0.75	-0.5%	-2.2%	-2.5%	18.4%	0.3%	1.5%	-1.4%	22.0%	25.4%
Telstra Corporation Limited		3.72	0.18	0.5%	3.0%	8.8%	-27.1%	-18.8%	-7.7%	-9.1%	-6.0%	13.7%
Wesfarmers Ltd		43.79	0.69	-0.4%	0.1%	1.4%	3.9%	3.0%	-11.0%	1.3%	-0.3%	-5.3%
Westpac Banking Corporation		31.45	0.33	-0.1%	2.0%	-2.1%	-3.5%	4.6%	-13.0%	-2.9%	1.2%	2.4%
Woolworths Limited		26.93	0.89	0.0%	0.4%	2.5%	11.7%	-1.3%	-3.6%	-1.6%	-20.1%	-9.4%
Woodside Petroleum Limited		32.29	0.72	1.7%	2.4%	3.5%	3.6%	-2.6%	-6.9%	8.5%	-24.4%	-2.3%
International												
*as at 11-Dec-17												
iShare MSCI All Asia ex Japan	USD \$	75.14	0.87	-0.8%	0.2%	-0.7%	36.8%	7.1%	7.2%	2.6%	-11.7%	0.6%
Blackrock Int Equity Fund*	AUD \$	16.10	1.00	-0.1%	1.3%	3.8%	9.0%	-3.9%	4.0%	-6.5%	4.8%	14.2%
Blackrock Australian Equity Fund*	AUD \$	1.65	0.89	0.1%	0.2%	-0.3%	2.8%	-4.8%	-1.0%	-0.5%	-4.3%	1.9%
Vanguard International Share*	AUD \$	2.16	1.00	-0.1%	1.4%	3.8%	8.7%	-2.7%	3.5%	4.4%	5.5%	13.5%
Vanguard FTSE World exUS	USD \$	54.01	0.95	0.0%	0.6%	1.2%	22.2%	5.4%	4.6%	1.8%	-7.4%	-7.6%
Vanguard FTSE Europe	USD \$	58.52	0.97	0.1%	0.8%	1.7%	22.1%	5.8%	6.9%	1.8%	-4.8%	-10.9%
iShares Core MSCI Europe	USD \$	49.97	0.97	0.0%	0.8%	1.7%	22.8%	6.0%	6.6%	-3.7%	-3.4%	
iShares Asia 50	USD \$	64.84	0.85	-0.7%	0.1%	-1.2%	40.2%	7.3%	8.9%	9.4%	-10.2%	-1.9%
iShares MSCI Japan	USD \$	59.91	0.99	0.2%	1.3%	2.4%	22.6%	3.8%	4.2%	-1.3%	10.1%	-0.5%
Acadian Global Managed Volatility Equity Fund		1.78	0.98	-0.2%	0.9%	3.4%	11.6%	1.5%	-0.2%	2.1%	1.3%	8.1%
Lazard Global Managed Volatility Fund - Australia*		1.15	0.99	-0.2%	0.6%	3.2%	15.7%	1.8%	0.8%			

*Lazard performance since inception 28.02.17