# ActVest... Newsletter & Charts

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# **Risk Management - Part 1**

Risk management could just as easily be referred to as loss management. Successful market participants are successful because they focus on, and manage their losses. Whilst fixating on profits is an enjoyable pastime, it will do little more than make you feel good. A survey in the United States showed that 20% of people in the stockmarket succeeded in making money over the long term and this directly coincided with the fact that only 20% of people used risk management techniques.

It has also been proven, on more than one occasion, that risk management by itself can generate profits. On this basis we shouldn't have to make any assumptions about the performance of our market strategy in order to manage risk. There are 3 elements that we can manage when we are buying and selling shares and they are:

- The balance of probability
- The scale of payouts, ie. the value of winning versus the cost of losing
- The size of our positions

Although I don't want to in any way confuse buying and selling shares with gambling, it is necessary for the purposes of illustration to compare buying and selling shares with games of chance. The most common game of chance that most of us have played at some point is the simple game of tossing a coin. One person wins if heads comes up and the other person wins if tails comes up. We can look at how the three elements apply to the game of tossing a coin.

• The balance of probability is even or fifty-fifty.

Tossing a coin is considered to be a fair game as both players have an equal chance of success. For every toss of the coin where heads wins there is an equal amount of tosses where tails wins.

• The scale of payouts is typically one to one.

Each player wagers the same amount of money as the other on each toss of the coin and the winner takes back their original wager and the corresponding wager of the other player.

• The size of the positions, ie. the size of the wagers or bets.

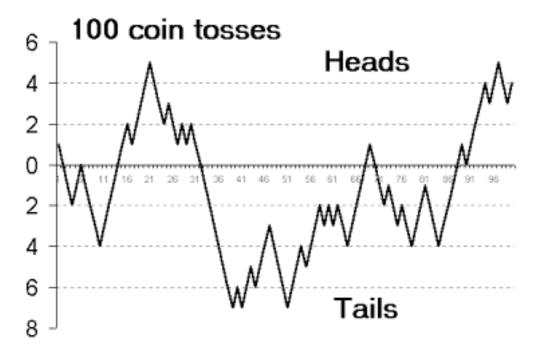
Typically in a friendly game of coin toss both players will use the same size bet for every toss of the coin. This means that for each toss of the coin they will always wager a set amount of money and not increase nor decrease the size of the wager as the game progresses.

This harmless game of chance is often played by children who wager for match sticks or some similarly innocuous commodity. If the game is played in the manner I have described then the chances of winning or losing are equal and it is considered to be a fair game. If you play this game for long enough you should always break even and ultimately there will be no winners or losers. We can now look at how we can increase our chances of winning by managing the three elements of the game.

Continued on page 4...

We cannot alter the probability of the outcomes and our chances of winning each toss of the coin will always be fifty-fifty. If our opponent is silly enough then we can set an uneven payout scale where, in the event we win our opponent pays us two dollars and if we lose then we pay our opponent one dollar. But it is highly unlikely in a game of toss that our opponent would be agreeable to such an unfair arrangement. In fact it is the last element that we can manage to our advantage.

It is imperative that the size of our wager allows us to remain in the game long enough to win. If we are losing the game then we will continue to play until we inevitably return back to the break even point. But the moment we are in front we will quit the game. We may walk away with a black eye, as many have done when playing two-up, but we will be in profit. The following chart shows the balance of outcomes of tossing a coin 100 times.



Over the course of our 100 tosses the balance of outcomes swung around the break even point of zero. At different moments during the process either heads or tails had the balance tipped in their favor. The balance of outcomes can temporarily deviate from zero but it will always return to this point of balance, providing the probability of outcomes is equal. Having performed this experiment we can conclude that the balance of outcomes can be expected to often deviate by 4 in either direction and can peak as high as 7 during the course of 100 coin tosses. Using this information we can now establish a set of rules for managing the simple game of tossing a coin.

- We must be prepared to play the game 100 times.
- We must be able to sustain a maximum drawdown of 7 losses.
- We must quit as soon as we are winning by 4 tosses.

(The experiment of 100 tosses is inconclusive and has been used for illustrative purposes only.)

Tossing a coin, although a fair game of chance, can be managed to increase our probability of success. The risk of loss is virtually eradicated providing the probable outcome of a game is, at worst, break even and providing we can continue to play the game for as long as we like. Surprisingly the probability of success in the Stockmarket is actually tipped in our favor. If we were to randomly select a portfolio of Blue chip shares and hold them for an indefinite period then the probable outcome would be the average performance of the entire stockmarket.

The average performance of a stockmarket over time is defined by the behavior of its Index providing that the Index in question is technically accurate. The All Ordinaries Index represents approximately 90% of the Australian Stockmarket in terms of its market capitalization and can be considered as being an accurate indicator of the overall market. The following chart of the All Ordinaries index covers just over a decade of what was a period of fairly average growth.



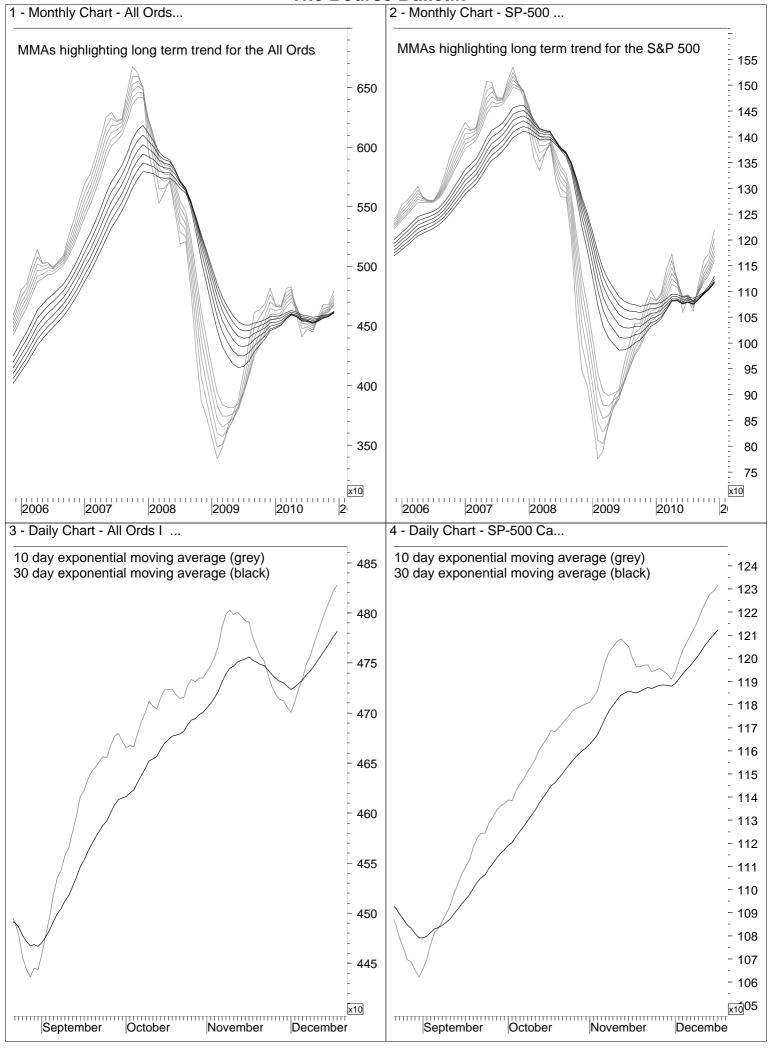
Over this 11 year period the All Ordinaries has risen an average of 8.7% per annum. But looking at the chart of the All Ordinaries we can see that there have been years where the Index has in fact lost ground, such as 1994. When tossing a coin our frame of reference, in terms of our probable success, is 0%. In the stockmarket our frame of reference is the performance of the All Ordinaries Index which, during the past 100 years, has been on average about 9% per annum. Therefore, when we evaluate the success or failure of our market strategy, we must benchmark it against 9% per annum.

If a market strategy is returning 9% per annum then it is performing no better than random share selection would. If a strategy is returning <u>less</u> than 9% per annum then random share selection would be a superior method. Furthermore, when evaluating someone else's strategy, such as that of a fund manager, it also makes sense to compare it to the All Ordinaries.

Given the good news that the market invariably rises over the long term, it is astonishing that the majority of people who enter the stockmarket fail to succeed. The reason is the inability of most people to stay in the stockmarket long enough to exploit the law of averages. The average life expectancy of an American Stockmarket trader is 7 trades where women survive an average of 9 to 10 trades and most men last for only 5 to 6 trades.

Risk management is about surviving long enough to be able to apply the probable outcome of 9% per annum as a frame of reference for our market strategy. Thus by simply surviving in the Stockmarket we can achieve a positive result, unlike the game of tossing a coin. Next week's article will explain how you can survive for the long term, using the 2% risk rule.

#### The Bourse Bulletin



**GICS Industry Group Analysis Charts** 01 - Energy G3I ... 02 - Materials G... 03 - Cap Goods ... Sector RoR % (3.38724) Sector RoR % (16.3223) Sector RoR % (3.45845) <u>-</u>470 x100 MAMJJASOND M J J A S O N D ASOND MJJ 04 - ComSer&S... 05 - Transport G... 06 - Auto&Comp... Sector RoR % (-10.7624) Sector RoR % (6.23363) Sector RoR % (43.4696) <sub>x10</sub>55 x10 ) M A M J J A S O N D ) M A M J J A S O N D ) M A M J J A S O N D 08 - HotelsR&L... 07 - ConDur&Ap... 09 - Media G3I ... Sector RoR % (-30.7652) Sector RoR % (3.66462) Sector RoR % (-21.4177) - 260 x10 x10 65 ) M A M J J A S O N D ) M A M J J A S O N D ) M A M J J A S O N D 10 - RetailingG3... 12 - FoodBev&T... 11 - Food&Drug... Sector RoR % (-3.12257) Sector RoR % (10.0196) Sector RoR % (7.90527) - 430 x10 <sub>x10</sub>50 ) M A M J J ) M A M J J A S O N D ) M A M J J A S O N D ASOND

**GICS Industry Group Analysis Charts** 13 - HealthE&S... 14 - InsuranceG... 15 - Banks G3I ... Sector RoR % (-6.14864) Sector RoR % (-15.6416) Sector RoR % (-10.6056) 485 690 380 480 680 475 370 670 470 660 360 465 650 350 460 640 630 455 340 620 450 330 610 445 600 320 440 590 435 x10 <u>-2</u>10 <sub>x10</sub>80 A S O N D MJJASOND A S O N D 16 - DiverseFin... 18 - Pharm&Bio... 17 - RealEstate... Sector RoR % (-19.6871) Sector RoR % (-3.69485) Sector RoR % (2.90315) 500 130 210 490 480 470 125 205 460 450 440 120 430 200 420 410 115 - 400 x10 <sub>x10</sub>95 x100 ) M A M J J A S O N D ) M A M J J A S O N D ) M A M J J A S O N D 19 - Software&S... 20 - TechHrd&E... 21 - TelecomSer... Sector RoR % (-20.8716) Sector RoR % (-0.00419) Sector RoR % (-21.9366) 25.5 115 100 25.0 110 24.5 95 24.0 105 23.5 90 100 23.0 95 22.5 22.0 90 x10 ) M A M J J A S O N D A S O N D ) M A M J J ) M A M J J A S O N D 22 - Utilities G3I... Sector RoR % (6.14432) 440 435 430 425 420 415 410 - 405 x10 ) M A M J J A S O N D

MMA Charts - Rising Equities

ABC | Amal.Hld Adel Brtn AHD 3.6 3.5 3.4 3.3 3.2 6.0 3.1 3.0 2.9 2.8 5.5 2.7 2.6 2.5 2.4 5.0 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Arb Corp ARP Asx ASX 7.0 37 36 6.5 35 6.0 33 5.5 32 5.0 31 30 4.5 29 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Ausdrill ASL Ausenco AAX 5.0 2.8 2.7 2.6 2.5 2.4 4.0 2.3 2.2 3.5 2.0 3.0 1.8 2.5 1.7 1.6 2.0 1.5 Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul c 2010 c 2010 Austal Ltd ASB Austin Eng **ANG** 3.2 4.5 3.1 3.0 4.0 2.9 2.8 2.7 3.5 2.6 2.5 3.0 2.4 2.3 2.5 2.2 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**MMA Charts - Rising Equities** Ben Ade Bk BEN Bhp Blt BHP 45 10.0 43 9.5 42 40 39 38 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Blackmore. BKL Bradken BKN 29 28 8.5 27 26 8.0 25 24 7.5 23 7.0 22 21 6.5 20 19 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Bramb Ltd BXB Bt Invest BTT 2.95 2.90 7.0 2.85 6.5 6.0 2.40 5.5 2.30 2.25 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul CTX Cabcharge CAB Caltex 6.0 13.5 13.0 12.5 5.5 12.0 11.5 -11.0 5.0 10.5 10.0 9.5 9.0 8.5 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

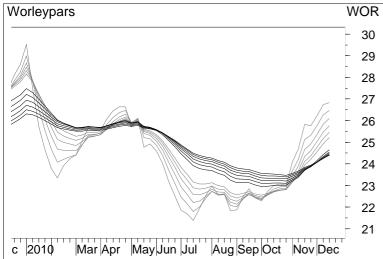
**MMA Charts - Rising Equities** Campb.Bros CPB Cardno CDD 38 37 36 35 5.0 34 33 32 4.5 31 30 29 28 4.0 27 26 25 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Coal & Al. CNA Creditcorp CCP 115 110 105 100 3.0 95 90 2.5 85 80 2.0 Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Downer Edi Dominos DMP DOW 6.5 9.0 8.5 6.0 8.0 7.5 5.5 7.0 6.5 5.0 5.5 5.0 4.5 4.5 4.0 4.0 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Fleetwood Flight Ctr FLT FWD 24 12.5 23 12.0 22 11.5 21 11.0 20 10.5 10.0 19 9.5 9.0 17 8.5 16 8.0 15 7.5 7.0 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

MMA Charts - Rising Equities FGE | G.U.D. Forge Grp GUD 10.0 4.0 3.5 3.0 9.0 2.5 8.5 2.0 8.0 Mar Apr Mar Apr May Jun Jul Aug Sep Oct Nov Dec May Jun Jul Aug Sep Oct Nov Dec Incitec Pv Ind Group IGO 8.0 3.8 7.5 3.7 3.6 7.0 3.5 6.5 3.4 6.0 3.3 3.2 5.5 3.1 5.0 3.0 2.9 4.5 2.8 4.0 c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul IVC loof Invocare IFL 7.5 7.0 7.0 6.5 6.5 6.0 6.0 5.0 Mar Apr May Jun Jul Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Aug Sep Oct Nov Dec c 2010 MCP Mcmillan MMS Mcpherson 8.0 7.5 3.2 7.0 6.5 6.0 2.9 5.5 2.8 5.0 2.7 4.5 4.0 3.5 2.4 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**MMA Charts - Rising Equities** Mineralres MIN Monadel MND 17.5 11.0 -17.0 10.5 16.5 10.0 -16.0 9.5 15.5 9.0 -15.0 8.5 14.5 8.0 14.0 7.5 7.0 <del>-</del>13.5 6.5 13.0 6.0 12.5 5.5 12.0 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec NCM Oil Search OSH Newcrest 7.0 42 41 40 6.5 39 38 37 6.0 36 35 34 5.5 33 32 Mar Apr May Jun Jul c 2010 Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Oroton ORL Reckon RKN 2.4 8.5 8.0 2.2 7.5 2.1 7.0 2.0 6.5 1.8 6.0 1.7 5.5 1.6 5.0 1.5 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Rio Tinto Sirtex Med RIO SRX 7.5 85 80 6.5 75 6.0 70 65 5.0 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**MMA Charts - Rising Equities** Sms M&t SMX Suparetail SUL 7.0 6.5 6.5 6.0 6.0 5.5 5.5 5.0 5.0 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Tabcorp TAH The Mac Sg MSL 7.3 7.2 3.5 7.1 7.0 3.0 6.9 6.8 6.7 2.5 6.6 6.5 2.0 6.4 6.3 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul Troy Res. TRY Twr Aust TAL 3.5 3.0 2.5 2.10 2.0 2.05 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Webjet Wesfarmer WES **WEB** 34 2.6 33 2.5 2.4 32 2.3 31 2.2 2.1 30 2.0 29 28 1.8 27 1.7 1.6 26 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec

# MMA Charts - Rising Equities



**MMA Charts - Falling Equities** AED Alesco Aed Oil ALS -0.70-0.65-0.603.5 -0.550.50 3.0 0.45 2.5 0.40 c 2010 Aug Sep Oct Nov Dec May Jun Jul Aug Sep Oct c 2010 May Jun Jul Nov Dec Apex Mins AXM Austar AUN 0.10 -1.35 0.09 1.30 -0.08 -1.25-0.07-1.20 1.15 -0.06 -1.10 -0.05 -1.05 -0.041.00 -0.03 0.95 -0.02 -0.90c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul BSL Carbon Ene CNX Bluescope 3.1 3.0 -0.70 2.9 0.65 2.8 2.7 -0.60 2.6 0.55 2.5 -0.50 2.4 2.3 0.45 2.2 2.1 -0.402.0 -0.351.9 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul c 2010 Aug Sep Oct Nov Dec Chall Infr CZA CIF Coalafrica 1.8 2.4 2.3 1.7 2.2 1.6 2.1 2.0 1.9 1.8 1.4 1.7 1.6 1.3 1.5 1.2 1.4 1.3 1.1 c 2010 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**MMA Charts - Falling Equities** Edt Retail EDT Gunns GNS 1.00 0.11 0.95 0.10 0.90 0.10 0.85 0.09 0.80 -0.090.75 0.08 -0.70-0.08 0.07-0.650.07 0.60 0.06 0.55 0.06 -0.50-0.05-0.450.05 0.40 c 2010 c 2010 May Jun Jul Aug Sep Oct Nov Dec May Jun Jul Aug Sep Oct Nov Dec Hastie Grp HST Imf Ltd IMF 1.95 1.90 1.9 1.85 1.8 1.80 1.75 1.65 1.5 1.60 1.55 1.3 1.50 1.2 1.1 <del>-</del>1.40 1.35 1.0 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Infigen IFN J Hardie JHX 8.5 1.3 8.0 1.2 7.5 1.1 1.0 7.0 0.9 8.0 0.7 0.6 5.5 c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul c 2010 Kathmandu Macq Group **KMD** MQG 1.95 1.90 50 1.85 1.75 45 1.65 1.60 1.50 40 1.35 1.30 35 1.25 2010 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**MMA Charts - Falling Equities** Mirvac Grp MGR Molopo MPO 1.35 1.60 1.30 1.55 -1.25 1.50 1.20 1.45 -1.15 1.40 1.10 1.35 1.05 1.30 1.00 1.25 0.95 c 2010 Mar Apr May Jun Jul c 2010 Mar Apr Aug Sep Oct Nov Dec May Jun Jul Aug Sep Oct Nov Dec Murchisonm MMX Paperlinx PPX 0.80 0.75 2.5 -0.700.65 0.60 2.0 0.55 -0.501.5 0.45 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec Plat Aust Pharmaxis PXS PLA 3.2 1.10 3.1 1.05 3.0 1.00 2.9 -0.952.8 -0.902.7 -0.852.6 0.80 2.5 -0.752.4 2.3 -0.652.2 0.60 2.1 -0.55 2.0 0.50 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec PRY PRG Primary Programmed 4.0 6.0 3.5 5.5 5.0 3.0 4.5 2.5 4.0 2.0 3.5 1.5 c 2010 Mar Apr May Jun Jul Aug Sep Oct Nov Dec c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul

MMA Charts - Falling Equities

ROC | Sigmapharm Roc Oil SIP 1.05 0.95 0.65 0.90 0.60 0.85 0.80 0.55 0.75 0.70 0.50 0.65 0.60 0.45 0.55 0.40 0.50 0.45 0.35 0.40 0.35 Aug Sep Oct Nov Dec c 2010 c 2010 Aug Sep Oct Nov Dec Mar Apr May Jun Jul Mar Apr May Jun Jul Tfieldserv TSE 4.3 4.2 4.1 4.0 3.9 3.8 3.7 3.6 3.5 3.4

> 3.3 3.2

Mar Apr May Jun Jul Aug Sep Oct Nov Dec

c 2010

# **Complete ActVest Share List**

For the latest GICS Industry Group information or changes please see www.asx.com.au

## **Equities for Trading Long**

<u>Code</u>	<u>Company</u>	<b>GICS Industry Group</b>
AAX	Ausenco Limited	Capital Goods
ABC	Adelaide Brighton Limited	Materials
AEC	Ammtec Limited	Materials
AEO	Austereo Group Limited	Media
AGK	AGL Energy Limited	Utilities
AHD	Amalgamated Holdings Limited	Media
AHE	Automotive Holdings Group Limited	Retailing
AIA	Auckland International Airport Limited	Transportation
AIX	Australian Infrastructure Fund	Transportation
ALL	Aristocrat Leisure Limited	Consumer Services
AMC	Amcor Limited	Materials
AMM	Amcom Telecommunications Limited	Telecommunication Services
AMP	AMP Limited	Insurance
ANG	Austin Engineering Limited	Capital Goods
ANN	Ansell Limited	Health Care Equipment & Services
ANZ	ANZ Banking Group Ltd	Banks
APA	APA Group	Utilities
APN	APN News and Media Limited	Media
AQP	Aquarius Platinum Limited	Materials
ARP	ARB Corporation Limited	Retailing
ASB	Austal Limited	Capital Goods
ASL	Ausdrill Limited	Materials
ASX	ASX Limited	Diversified Financials
ASZ	ASG Group Limited	Software & Services
AUB	Austbrokers Holdings Limited	Insurance
AXA	AXA Asia Pacific Holdings Limited	Insurance
BBG	Billabong International Limited	
BEN	Bendigo and Adelaide Bank Limited	Consumer Durables & Apparel Banks
BHP	BHP Billiton Limited	
BKL	Blackmores Limited	Materials  Health Care Equipment & Services
		Health Care Equipment & Services
BKN	Bradken Limited	Capital Goods
BOQ	Bank of Queensland Limited	Banks
BRG	Breville Group Limited	Retailing
BTT	BT Investment Management Limited	Diversified Financials
BXB	Brambles Limited	Commercial & Professional Services
CAB	Cabcharge Australia Limited	Commercial & Professional Services
CBA	Commonwealth Bank of Australia	Banks
CCL	Coca-Cola Amatil Limited	Food Beverage & Tobacco
CCP	Credit Corp Group Limited	Commercial & Professional Services
CCV	Cash Converters International	Retailing
CDD	Cardno Limited	Capital Goods
CDI	Challenger Diversified Property Group	Real Estate
CMJ	Consolidated Media Holdings Limited	Media
CMW	Cromwell Corporation Limited	Real Estate
CAN	Coal & Allied Industries Limited	Energy
CLO	Clough Limited	Capital Goods
COH	Cochlear Limited	Health Care Equipment & Services
COU	Count Financial Limited	Diversified Financials
CPB	Campbell Brothers Limited	Commercial & Professional Services
CPU	Computershare Limited	Software & Services
CQR	Charter Hall Retail REIT	Real Estate

**CSL** CSL Limited Pharmaceuticals & Biotechnology **CSR CSR Limited** Capital Goods **CSV CSG** Limited Software & Services

**CTX** Caltex Australia Limited Energy

Consumer Services **CWN** Crown Limited

**CXP** Corporate Express Australia Limited Commercial & Professional Services

Century Australia Investments Limited **Diversified Financials** CYA

**David Jones Limited** DJS Retailing

Domino's Pizza Enterprises Limited **Consumer Services DMP** 

Downer EDI Limited Commercial & Professional Services DOW

Utilities

**DUET Group** Utilities DUE

**DWS Advanced Business Solutions Limited DWS** Software & Services

**ENV Envestra Limited** 

Energy Resources of Australia Limited **ERA** Energy Fantastic Holdings Limited **FAN** Retailing Fletcher Building Limited **FBU** Materials **FGE** Forge Group Limited Capital Goods

**FGL** Foster's Group Limited Food Beverage & Tobacco

Flight Centre Limited **Consumer Services FLT** 

Fleetwood Corporation Limited **FWD** Automobile & Components Goodman Fielder Limited Food Beverage & Tobacco **GFF** 

Growthpoint Properties Australia Real Estate GOZ

**GUD GUD Holdings Limited** Consumer Durables & Apparel

**GWA International Limited** Capital Goods **GWT** 

**HGG** Henderson Group PLC **Diversified Financials** 

Hills Industries Limited Capital Goods HIL Harvey Norman Holdings Ltd Retailing HVN IAG Insurance Australia Group Limited Insurance

**IOOF Holdings Limited Diversified Financials IFL** 

Independence Group NL **IGO** Materials

iiNET Limited **Telecommunication Services** IIN

**IPL** Incitec Pivot Limited Materials

**IRE** Iress Market Technology Limited Software & Services **IVC** InvoCare Limited Consumer Services

**JBH** JB Hi-Fi Limited Retailing **LEI** Leighton Holdings Limited Capital Goods

Capital Goods Macmahon Holdings Limited **MAH** Macarthur Coal Limited Materials **MCC** 

**MCP** McPherson's Limited Consumer Durables & Apparel

**MCR** Mincor Resources NL Materials Mitchell Communication Group Limited Media **MCU** 

Commercial & Professional Services Mineral Resources Limited **MIN** 

Melbourne IT Limited Software & Services **MLB** 

McMillan Shakespeare Limited Commercial & Professional Services **MMS** 

Monadelphous Group Limited **MND** Capital Goods

Mortgage Choice Limited Banks **MOC** 

Mermaid Marine Australia Limited Transportation **MRM** 

The MAC Services Group Limited Commercial & Professional Services **MSL** 

Metcash Limited Food & Staples Retailing MTS

**NAB** National Australia Bank Limited Banks **Newcrest Mining Limited NCM** Materials

Navitas Limited Consumer Services NVT NRW Holdings Limited Capital Goods

**News Corporation** Media **NWS** 

**NWH** 

Oakton Limited Software & Services OKN

**OM Holdings Limited** Materials **OMH** Origin Energy Limited **ORG** Energy ORI Orica Limited Materials OrotonGroup Limited **ORL** Retailing **OSH** Oil Search Limited Energy

**PAN** Panoramic Resources Limited Materials PMV Premier Investments Limited Retailing
PPC Peet Limited Real Estate

PTM Platinum Asset Management Limited Diversified Financials

QBE QBE Insurance Group Limited Insurance
RCG RCG Corporation Limited Retailing
REA REA Group Ltd Media

REH Reece Australia Limited Capital Goods

RHC Ramsay Health Care Limited Health Care Equipment & Services

RIC Ridley Corporation Limited Food Beverage & Tobacco

RIO Rio Tinto Limited Materials

RKN Reckon Limited Software & Services SDM Sedgman Limited Capital Goods

SEK Seek Limited Commercial & Professional Services

SFH Specialty Fashion Group Limited Retailing

SGH Slater & Gordon Limited Consumer Services

SGN STW Communications Group Limited Media

SGT Singapore Telecommunications Limited Telecommunication Services
SHL Sonic Healthcare Limited Health Care Equipment & Services

SKC Sky City Entertainment Group Limited Consumer Services

SKI Spark Infrastructure Group Utilities SKT Sky Network Television Limited Media

SMX SMS Management & Technology Limited Software & Services

SPN SP AusNet Utilities

SPT Spotless Group Limited Commercial & Professional Services
SRX Sirtex Medical Limited Pharmaceuticals & Biotechnology

SULSuper Cheap Auto Group LimitedRetailingSUNSuncorp-Metway LimitedInsurance

TAH Tabcorp Holdings Limited Consumer Services

TAL Tower Australia Group Limited Insurance

TEL Telecom Corporation of New Zealand Limited Telecommunication Services

TGA Thorn Group Limited Retailing

TLS Telstra Corporation Limited Telecommunication Services

TNE Technology One Limited Software & Services TOL Toll Holdings Limited Transportation

TPM TPG Telecom Limited Telecommunication Services
TRG Treasury Group Limited Diversified Financials

TRS The Reject Shop Limited Retailing TRY Troy Resources NL Materials

TTS Tatts Group Limited Consumer Services

TWR Tower Limited

WAN West Australian Newspapers Holdings Limited Media
WBC Westpac Banking Corporation Banks

WEB Webjet Limited Consumer Services
WES Wesfarmers Limited Food & Staples Retailing

WHG WHK Group Limited Commercial & Professional Services

Insurance

WOR WorleyParsons Limited Energy

WOW Woolworths Limited Food & Staples Retailing

WPL Woodside Petroleum Limited Energy
WTF Wotif.com Holdings Limited Retailing
WTP Watpac Limited Capital Goods

# **Equities for Trading Short**

<b>Code</b>	Company	<b>GICS Industry Group</b>
AAC	Australian Agricultural Company Limited	Food Beverage & Tobacco
AAI	Alcoa Inc.	Materials
ACR	Acrux Limited	Pharmaceuticals & Biotechnology
ADU	Adamus Resources Limited	Materials
AED	AED Oil Limited	Energy
AGO	Atlas Iron Limited	Materials
ALD	Allied Gold Limited	Materials
ALS	Alesco Corporation Limited	Capital Goods
AND	Andean Resources Limited	Materials
AOE	Arrow Energy Limited	Energy
AQA	Aquila Resources Limited	Energy
AUN	Austar United Communications Limited	Media
AUT	Aurora Oil & Gas Limited	Energy
AVM	Anvil Mining Limited	Materials
AXM	Apex Minerals NL	Materials
BCS	BrisConnections Unit Trusts	Transportation
BKY	Berkeley Resources Limited	Energy
BOL	Boom Logistics Limited	Capital Goods
BOW	Bow Energy Limited	Energy
BRM	Brockman Resources Limited	Materials
BSL	BlueScope Steel Limited	Materials
CDU	CuDeco Limited	Materials
CEU	ConnectEast Group	Transportation
CFU	Ceramic Fuel Cells Limited Challenger Financial Services Crown Limited	Capital Goods Diversified Financials
CGF	Challenger Financial Services Group Limited	Materials
CGG CIF	Citadel Resource Group Limited	Utilities
CNX	Challenger Infrastructure Fund Carbon Energy Limited	
COK	Cockatoo Coal Limited	Energy Energy
CPL	Coalspur Mines Limited	Materials
CQO	Charter Hall Office REIT	Real Estate
CVW	Clearview Wealth Limited	Diversified Financials
CZA	Coal Of Africa Limited	Materials
DML	Discovery Metals Limited	Materials
DYL	Deep Yellow Limited	Energy
EDT	EDT Retail Trust	Real Estate
ESG	Eastern Star Gas Limited	Energy
EXT	Extract Resources Ltd	Energy
FMS	Flinders Mines Limited	Materials
FPA	Fisher & Paykel Appliances Holdings Limited	Consumer Durables & Apparel
FPH	Fisher & Paykel Healthcare Corporation Limited	Health Care Equipment & Services
FXL	FlexiGroup Limited	Diversified Financials
GBG	Gindalbie Metals Ltd	Materials
GIR	Giralia Resources NL	Materials
GNC	Graincorp Limited	Food Beverage & Tobacco
GNM	Gujarat Nre Coking Coal Limited	Energy
GNS	Gunns Limited	Materials
GPT	GPT Group	Real Estate
GRR	Grange Resources Limited	Materials
GRY	Gryphon Minerals Limited	Materials
GXY	Galaxy Resources Limited	Materials
HSP	Healthscope Limited	Health Care Equipment & Services
HST	Hastie Group Limited	Capital Goods
IAU	Intrepid Mines Limited	Materials
IDL	Industrea Limited	Capital Goods
IFN	Infigen Energy	Utilities

**IGR** Integra Mining Limited Materials IIF **ING Industrial Fund** Real Estate ILU Iluka Resources Limited Materials

**Diversified Financials IMF** IMF (Australia) Ltd

IOH Iron Ore Holdings Limited Materials **IVA** Ivanhoe Australia Limited Materials

Jetset Travelworld Ltd **Consumer Services JET** 

James Hardie Industries SE **JHX** Materials Jabiru Metals Limited Materials **JML** 

**KMD** Kathmandu Holdings Limited Consumer Durables & Apparel

Kingrose Mining Limited **KRM** Materials Lend Lease Group Real Estate LLC Linc Energy Ltd **LNC** Energy LinQ Resources Fund Materials **LRF** Lynas Corporation Limited LYC Materials MAP Group Transportation MAP Mineral Deposits Limited **MDL** Materials

Magellan Flagship Fund Limited **Diversified Financials MFF** 

Mirvac Group **MGR** Real Estate **MMX** Murchison Metals Ltd Materials Molopo Energy Limited **MPO** Energy Macquarie Atlas Roads Group Transportation **MOA** MOG Macquarie Group Limited **Diversified Financials** 

Mantra Resources Limited **MRU** Energy

**MSB** Mesoblast Limited Pharmaceuticals & Biotechnology **Telecommunication Services MTU** M2 Telecommunications Group Limited

New Hope Corporation Limited Energy **NHC** NKP Nkwe Platinum Limited Materials Nexus Energy Limited **NXS** Energy **NZO** New Zealand Oil & Gas Limited Energy Orocobre Limited Materials **ORE** 

Prime Infrastructure Group Utilities PIH Platinum Australia Limited Materials **PLA** 

**Diversified Financials PPT** Perpetual Limited

**PPX** PaperlinX Limited Materials Pike River Coal Limited Energy **PRC** 

Programmed Maintenance Services Ltd Commercial & Professional Services **PRG** 

Perseus Mining Limited **PRU** Materials

Primary Health Care Limited **PRY** Health Care Equipment & Services **PXS** Pharmaxis Ltd Pharmaceuticals & Biotechnology

**OAN Oantas Airways Limited** Transportation Transportation **Qube Logistics OUB** 

**RFG** Retail Food Group Limited Consumer Services

RHG **RHG** Limited Banks **RIV** Riversdale Mining Limited Energy ROC

Roc Oil Company Limited Energy RRL Regis Resources Limited Materials

SAI Global Limited Commercial & Professional Services SAI

Saracen Mineral Holdings Limited Materials SAR **SBM** St Barbara Limited Materials Sunland Group Limited Real Estate **SDG** Sandfire Resources NL **SFR** Materials

Sigma Pharmaceuticals Limited Health Care Equipment & Services SIP Skilled Group Limited Commercial & Professional Services **SKE** Salmat Limited Commercial & Professional Services **SLM** 

**SLV** Sylvania Resources Limited Materials

Silex Systems Limited Semiconductors & Semiconductor Equipment SLX

**SMM Summit Resources Limited** Materials

Washington H. Soul Pattinson and Co. Limited SOL **Diversified Financials** 

SPH Sphere Investments Limited Materials **SRL** Straits Resources Limited Materials

TCL Transurban Group Transportation TFS Corporation Limited Materials TFC Tassal Group Limited TGR Food Beverage & Tobacco Transfield Services Limited Commercial & Professional Services TSE **Unilife Corporation** Health Care Equipment & Services UNS White Energy Company Limited WEC Materials WHF Whitefield Limited **Diversified Financials** WOT Westpac Office Trust

Real Estate

# Data Tables...

# including Rising & Falling Equities & Asset Class Shares for...

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# **Rising Equities**

Share Code	Closing Price(\$)		Central Cord(\$)	Upper(\$) Deviation	Lower(\$) Deviation	ROAR (%)	Port. Weighting for 2% risk
AAX	3.08	Up	2.98	3.52	2.27	64	8
ABC	3.23	Up	3.55	3.91	3.20	21	20
AHD	6.52		6.82	7.25	6.14	31	19
ANG	4.60	Up	4.82	5.31	4.03	58	12
ARP	7.33	Up	7.82	8.46	6.77	50	14
ASB	3.30	Up	3.46	3.85	2.82	70	10
ASL	2.87	Up	2.96	3.29	2.43	102	1.1
ASX	38.55	Up	41.22	44.45	36.00	66	15
BEN	9.98	Dn	10.35	11.15	9.05	46	15
BHP	45.03	Dn	46.96	49.93	42.17	32	19
BKL	27.80	Dn	30.42	32.23	27.55	54	20
BKN	9.12	Dn	9.27	10.10	7.92	38	13
BTT	2.84	Up	3.03	3.28	2.63	26	15
BXB	6.97	Up	7.26	7.95	6.15	57	13
CAB	6.23	Up	6.35	7.04	5.22	52	11
CCP	3.98	Up	3.96	4.36	3.32	38	12
CDD	5.62	Up	5.43	5.89	4.69	57	14
CNA	118.00	Up	120.98	130.01	106.37	43	16
CPB	38.27	Up	38.87	41.33	34.89	43	19
CTX	14.26	Dn	14.63	16.21	12.07	69	11
DMP	6.50	Up	6.52	6.96	5.79	40	18
DOW	4.69	Up	4.98	5.62	4.32	40	15
FGE	4.89	Up	5.20	5.80	4.23	95	10
FLT	24.07	Up	25.90	28.52	21.66	66	12
FWD	12.80	Up	13.65	14.78	11.83	63	14
GUD	9.75	Up	10.39	11.12	9.31	23	19
IFL	7.75	Up	7.88	8.61	6.70	40	13
IGO	8.13	Up	8.15	9.22	6.42	79	9
IPL	3.85	Up	4.08	4.51	3.37	53	11
IVC	7.40	Dn	7.70	8.25	6.79	46	17
MCP	3.14	Up	3.27	3.49	2.91	43	18
MIN	11.82	Up	11.62	12.82	9.66	58	11
MMS	8.20	Up	8.32	9.25	6.81	79	11
MND	17.76	Up	18.30	19.76	15.93	55	15
MSL	3.83	Dn	4.26	4.56	3.76	91	17
NCM	40.77	Up	43.73	47.32	38.35	41	16
ORL	8.75	Up	8.80	9.41	7.82	49	17
OSH	7.00	Dn	7.19	7.72	6.33	40	16
RIO	85.65	Dn	91.18	98.03	80.09	51	16
RKN	2.43	Up	2.46	2.65	2.18	32	17
SMX	6.89	Up	7.29	7.91	6.36	38	15
SRX	6.04	Dn	6.57	7.19	5.58	48	13

SUL	6.09	Up	6.59	7.14	6.06	30	20
TAH	7.17	Dn	7.63	8.09	6.94	30	20
TAL	2.75	Dn	2.86	3.18	2.34	57	10
TRY	4.00	Up	3.94	4.42	3.17	77	10
WEB	2.39	Up	2.61	2.90	2.26	36	14
WES	31.52	Dn	34.33	36.81	31.09	24	20
WOR	26.91	Dn	28.45	31.51	23.52	45	11



# **Falling Equities**

Share Code	Closing Price(\$)		Central Cord(\$)	Lower(\$) Deviation	Upper(\$) Deviation	ROAD (%)	Port. Weighting for 2% risk
AED	0.40	Dn	0.40	0.32	0.48	56	9
ALS	2.72	Up	2.47	1.96	2.64	111	20
AUN	1.02	Up	0.97	0.79	1.04	52	20
AXM	0.02	Up	0.02	0.01	0.02	78	8
BSL	2.29	Up	2.03	1.63	2.21	53	20
CIF	1.19	Up	1.10	0.96	1.20	64	20
CNX	0.37	Up	0.36	0.24	0.46	90	6
CZA	1.36	Up	1.24	0.86	1.52	163	8
EDT	0.07	Up	0.07	0.05	0.07	61	20
GNS	0.65	Dn	0.64	0.47	0.68	27	20
HST	1.00	Dn	0.91	0.73	1.10	66	9
IFN	0.55	Up	0.49	0.35	0.64	195	6
IMF	1.43	Dn	1.44	1.23	1.54	22	20
JHX	6.68	Up	6.14	4.81	6.41	58	20
KMD	1.30	Up	1.21	0.97	1.32	88	20
MGR	1.22	Dn	1.24	1.08	1.39	23	16
MMX	1.25	Dn	1.15	0.80	1.52	168	6
MPO	0.99	Up	0.94	0.73	1.13	29	9
MQG	37.48	Up	36.59	30.24	39.95	65	20
PLA	0.62	Up	0.55	0.38	0.68	111	8
PPX	0.44	Up	0.42	0.32	0.50	148	9
PRG	1.70	Up	1.42	1.02	1.72	207	9
PRY	3.52	Up	3.38	2.87	3.61	87	20
PXS	2.79	Dn	2.80	2.04	2.90	21	20
ROC	0.41	Up	0.37	0.29	0.44	64	12
SIP	0.41	Up	0.42	0.32	0.47	189	15
TSE	3.37	Dn	3.42	2.81	3.74	26	20

# **Asset Class Shares**

The following table of potential 'Asset Class Shares' was generated using StockDoctor's search function, StockFilter, with the following set of parameters. (www.stockdoctor.com.au)

- Market capitalization of at least 100 Million dollars
- Dividend yield greater than the official RBA cash rate target (www.rba.gov.au)
- Fundamentally sound...Companies must currently be StockDoctor Star Stocks
- The P/E ratio must be less than 15 and the P/A ratio must be less than 5

# **Asset Class Shares** Reserve Bank of Australia's cash rate = 4.75%

Code	Company Name	P/A Ratio	P/E Ratio	Dividend yield%
DJS	David Jones Limited	3.26	13.70	6.64%
FRI	Finbar Group Limited	1.71	7.06	6.41%

## PLEASE NOTE

The management of Asset Class shares is explained in detail in the Active Investing course notes from page 34 to 43, inclusive. Further relevant information can also be found on pages 45 and 46 of the Advanced Tactics Manual. The latest versions of these documents can be found at <a href="https://www.actvest.com">www.actvest.com</a> below the newsletters and data tables.

### **IMPORTANT**

The figures shown in the above table are calculated using ASX data and are post abnormals. For this reason discrepancies may be apparent when comparing these figures to other sources of fundamental data. This table is intended as a starting point for further research and doesn't include any unsearched fields such as franking credits, etc.