



# EPRA RESEARCH

European Public Real Estate Association

## Monthly Index Chart Book

January 2010



Boulevard de la Woluwe 62 Woluwelaan · 1200 Brussels · Belgium · [www.epra.com](http://www.epra.com)

In association with:



**Introduction**

This Index Chart Book is intended to run in parallel with the *EPRA Statistical Bulletin* and *Monthly Review*. While the bulletin focuses on performance, this index chart book will use the same data in an effort to identify historical trends and indicators on the index series. In this quick commentary, we will each month highlight a particular graph, either for explanation or for noteworthy developments when compared to the previous month.

**Graph**

This month's highlighted graph is Graph 6, the Bollinger Bands for the FTSE EPRA/NAREIT Global Developed index, as shown on the right.

**Explanation**

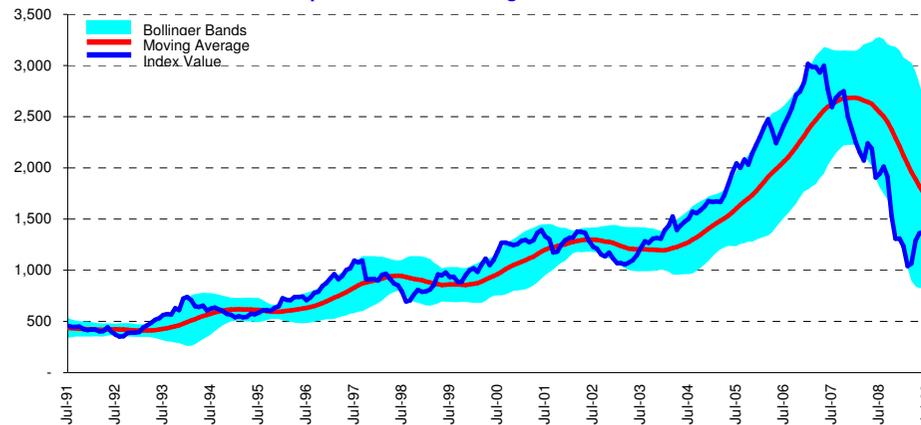
When we look at the Bollinger Bands, as a measure of market volatility, the picture is quite clear: during the 2003-2006 run, the index continuously traded along the upper band, pushing it higher and higher. The 2007 and 2008 market correction saw the index dropping to near the lower band, and in December the index actually dropped below the lower band. Up to 2003 all three bands were parallel, but since then we see a widening of the bands, which indicates that the market has become increasingly volatile. However, since the market recovery this year-to-date, we see that the index level now almost equals the moving average, and is now more or less in the middle of both borders. As a result, the Bollinger bands are now narrowing indicating a stronger direction towards the market is going (according to the theory/model).

**Other developments**

The moving average used in the Bollinger Bands-model is a relative short-term moving average. When we look at the longer-term moving average (5 years, graph 3), it still indicates that the market is in a downward trend, although the average seems to be bottoming out.

Further signs of recovery can be found in the average true range (the difference between the high and low): since its record October 2008 level, it has decreased to early 2007 levels for the Global Developed Index (graph 4) while that index was experiencing all-time high levels.

Graph 6: 20 Month Bollinger Bands - Global



Another indication of market recovery is the Relative Strength Index. The RSI is an index between 0 and 100 that shows the price strength of the index by comparing upward and downward movements. If the index is in the 0-30 region, the market is oversold and if the index is in the 70-100 range, the market is overbought. As a result of the recent market conditions in 2007 and 2008, all markets dropped below the oversold-threshold. However, the 2009-YTD results have pushed the RSI for all markets strongly back in the neutral zone (graph 5, 28, 49, 70 and 91).

As a result of this market recovery and increasing share prices, the historical dividend yields -being as they are- are of course dropping, as shown in graphs 35, 56, 77, 100 for all regions.

Another remark can be made regarding technical analysis: all markets seems to be moving towards their two/three-year upper resistance levels (graphs 1, 24, 45, 100 and 66, although for the latter - North America- the effect seems to be just a little bit less strong. However, emphasis must be laid upon the fact that determining resistance levels is a highly personal/subjective opinion and an EPRA disclaimer applies.

And finally, regarding the candlesticks, the graphs show more green/ups than red-downs, graph 23, 43, 64, 85 and 102.

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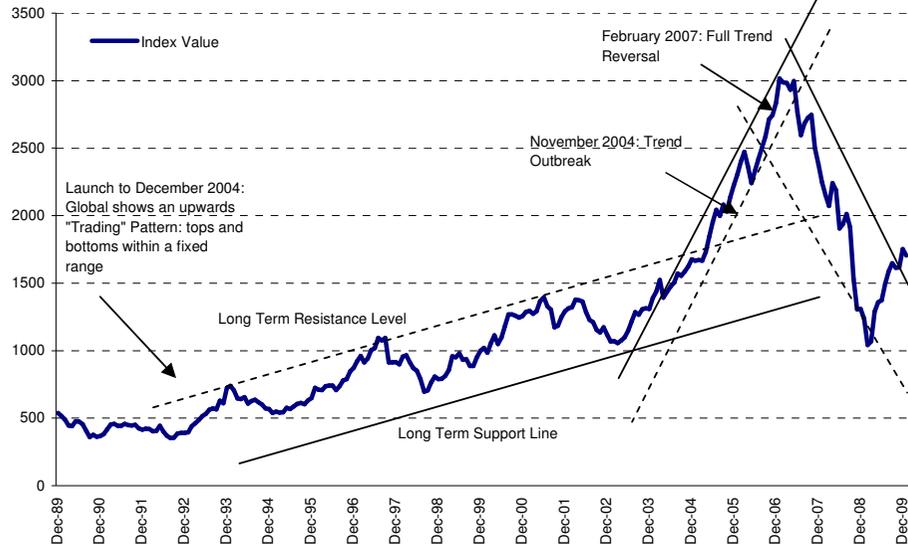
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**For an explanation of the graphs and details on the calculation, please refer to Section 8.**

**A disclaimer applies to this document. Please refer to page 117.**

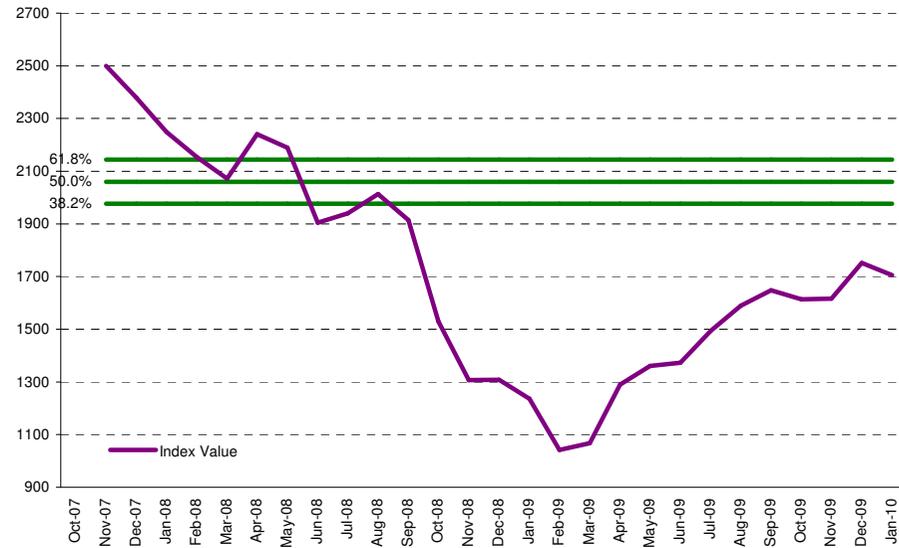
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**Graph 1: Long Term Technical Analysis - Global \*\*\***

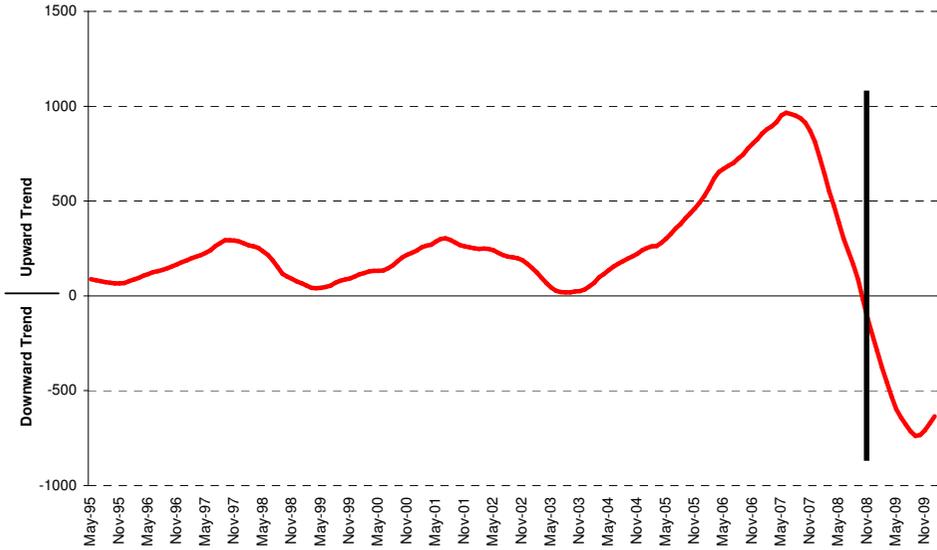


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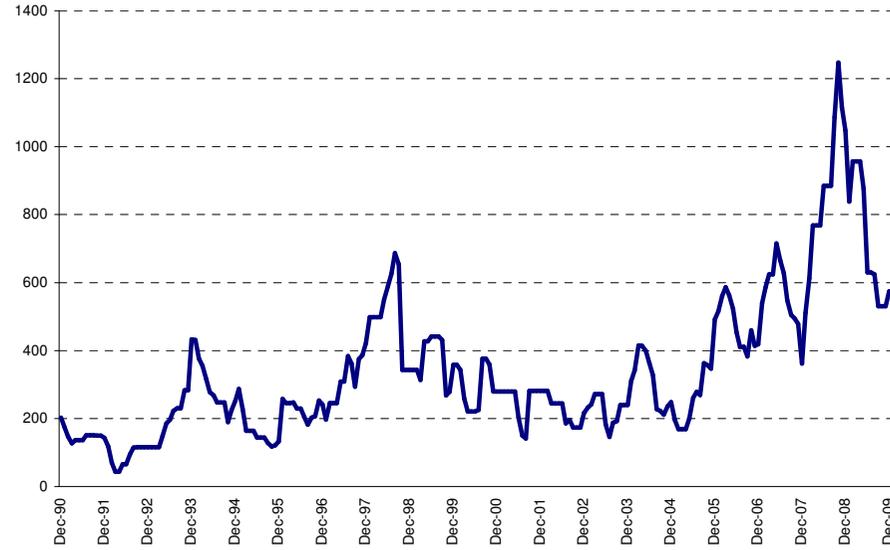
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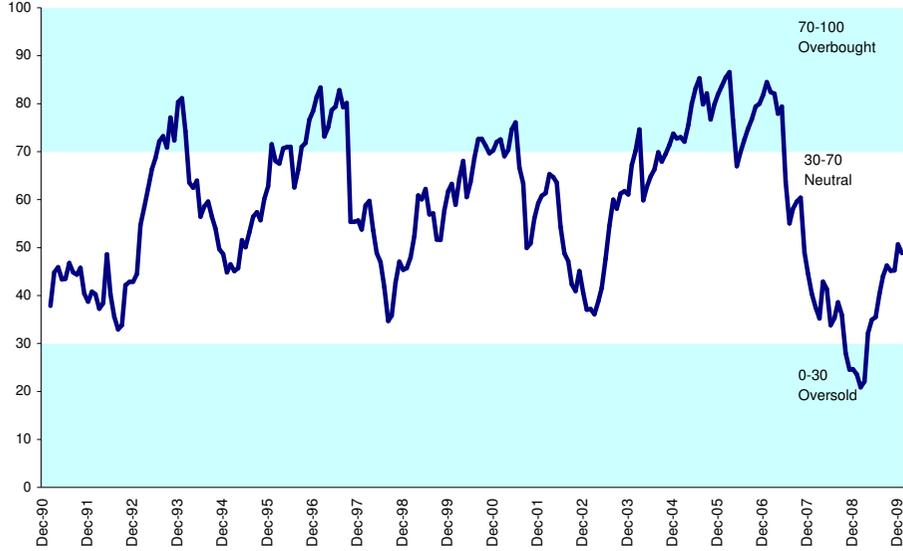
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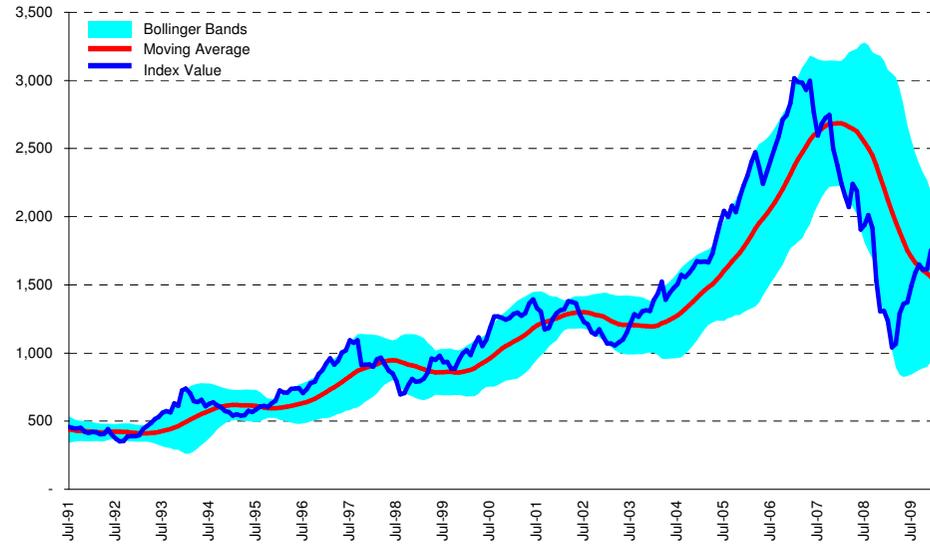
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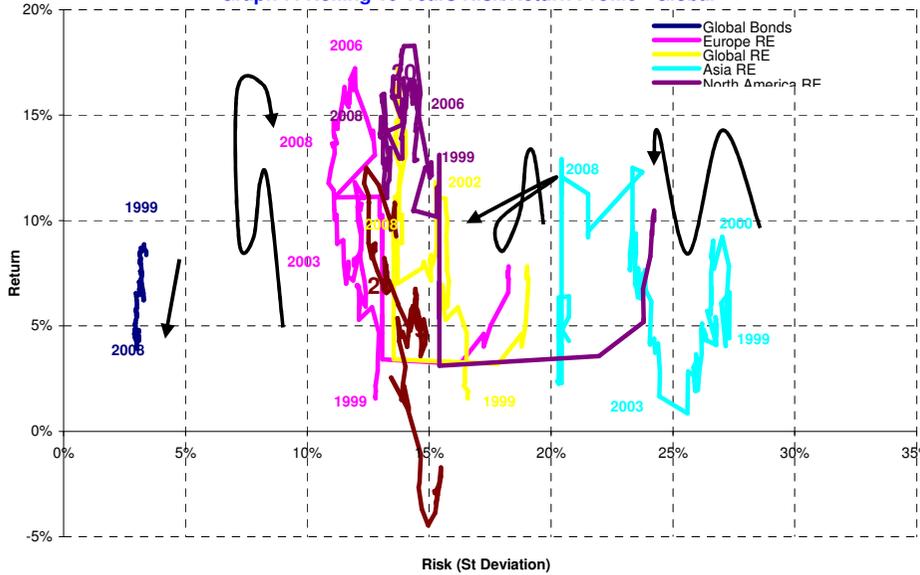
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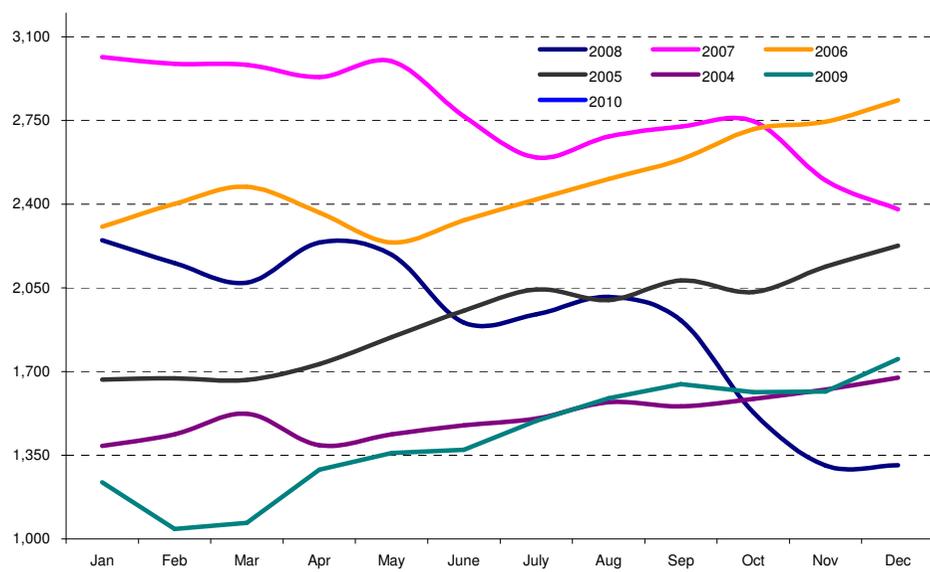
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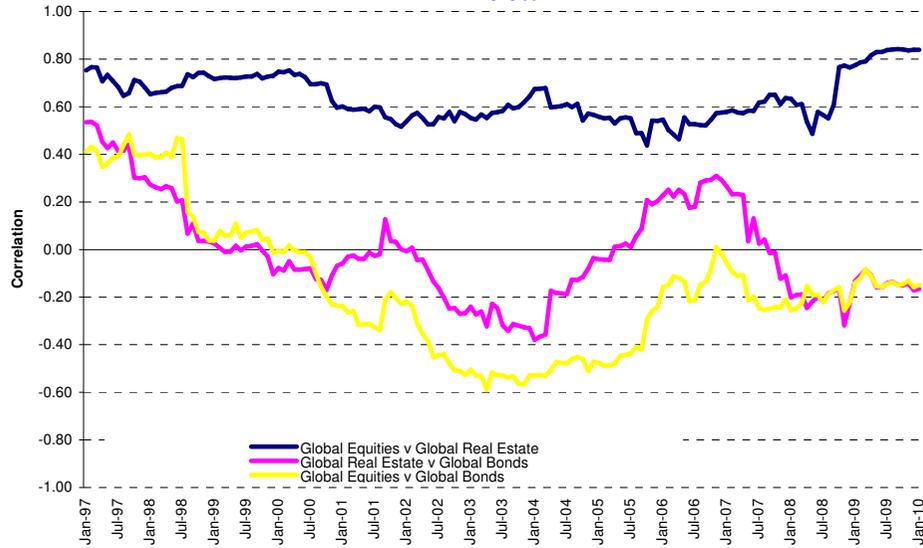
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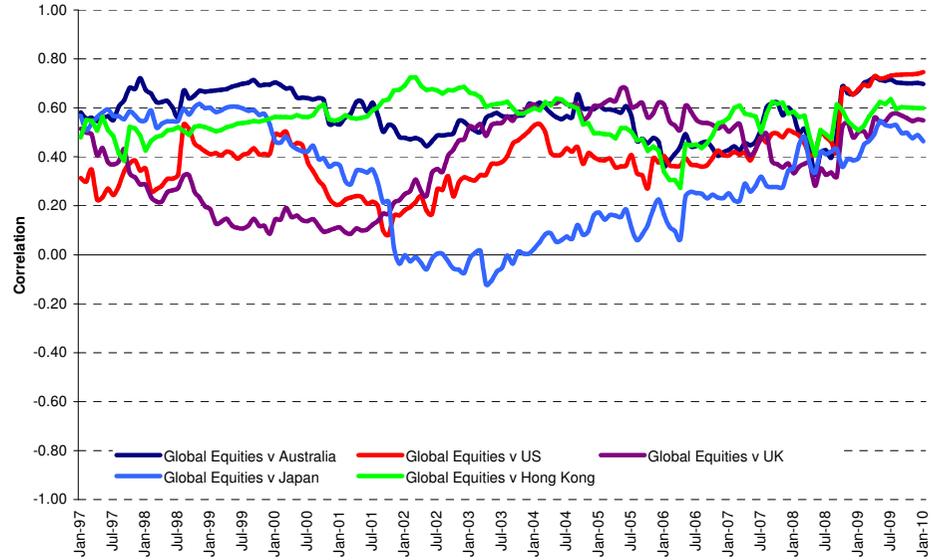
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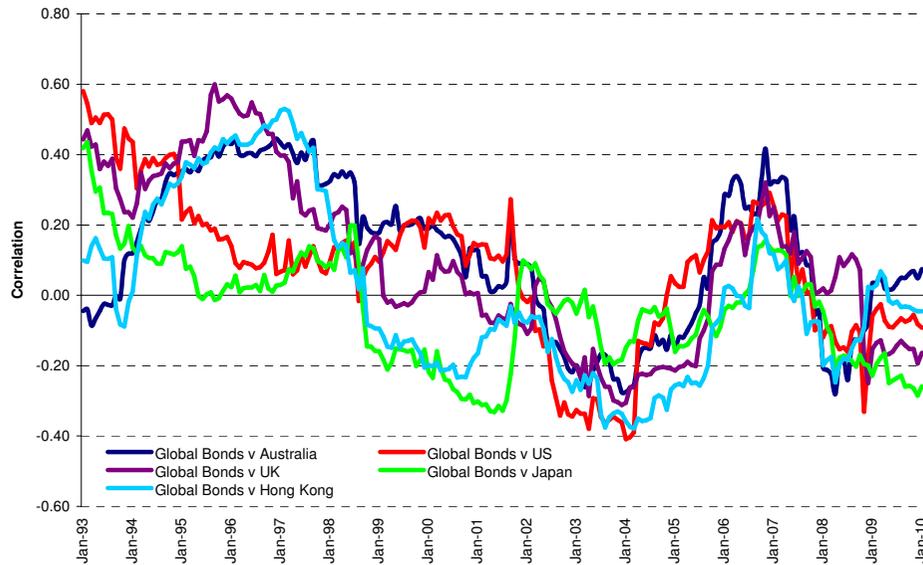
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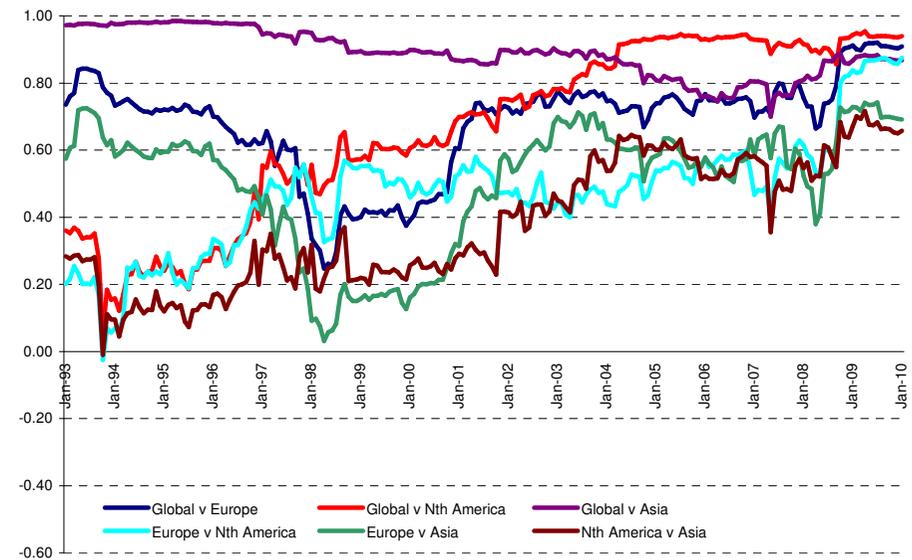
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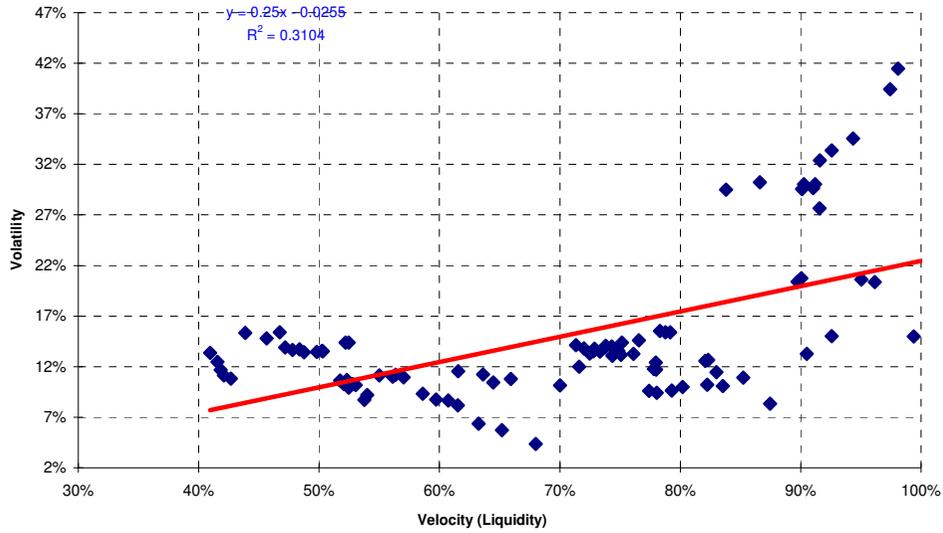
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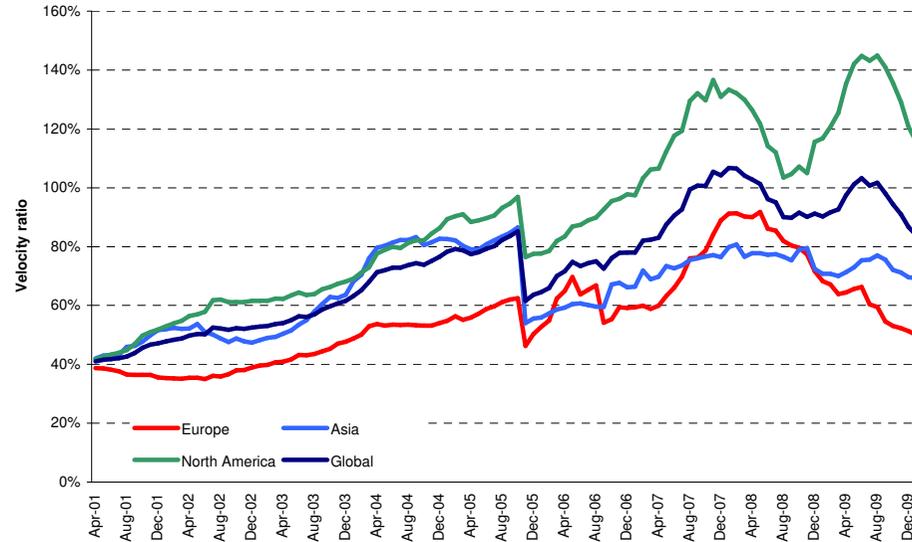
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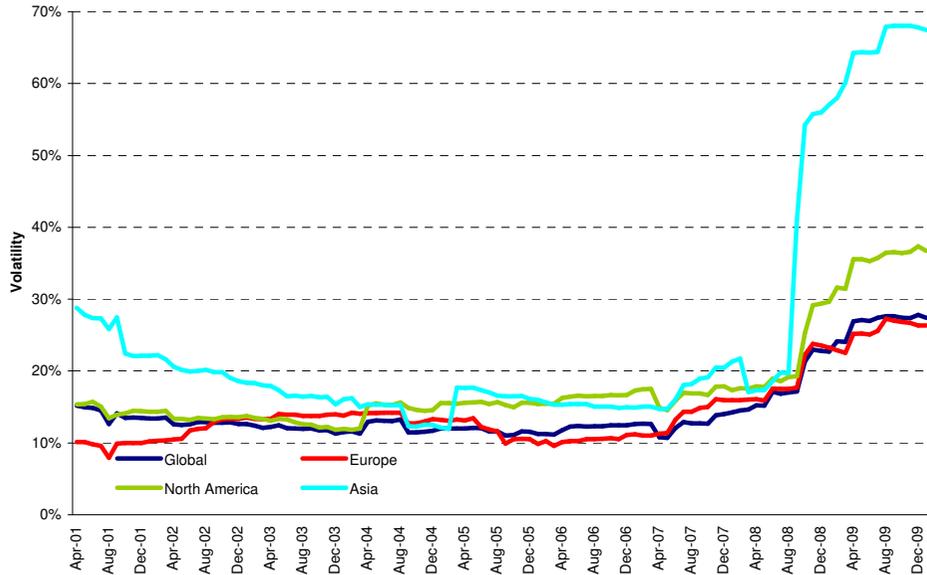
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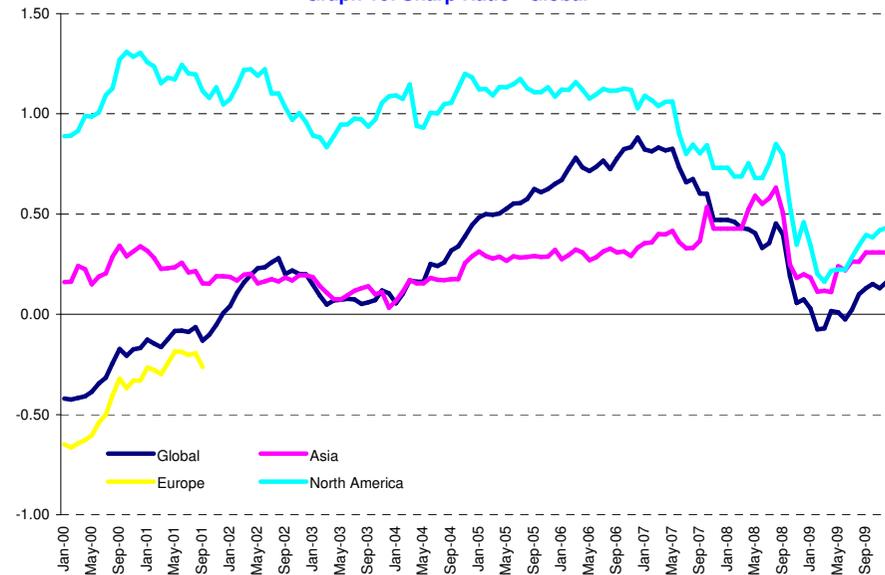
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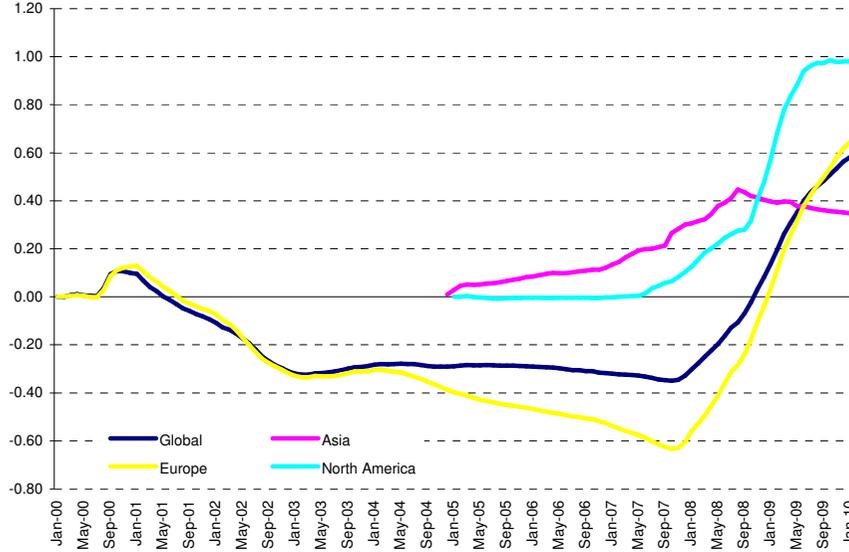
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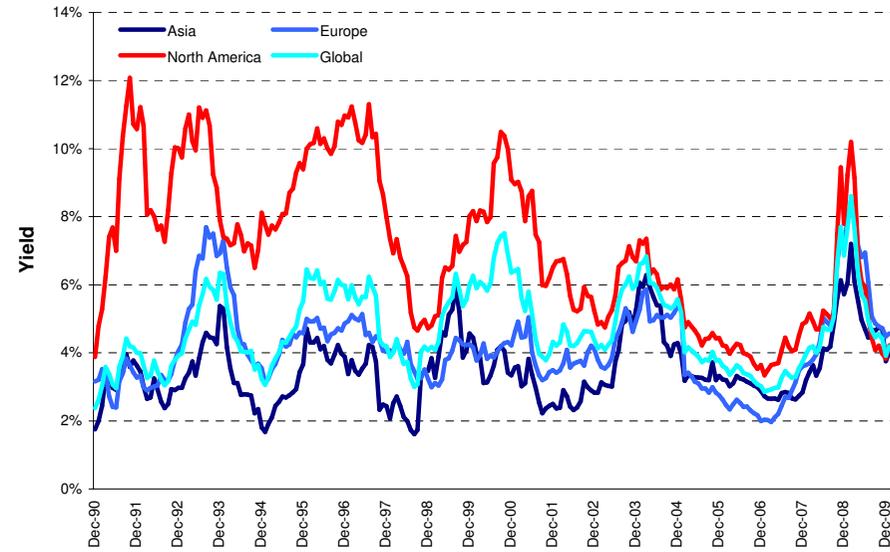
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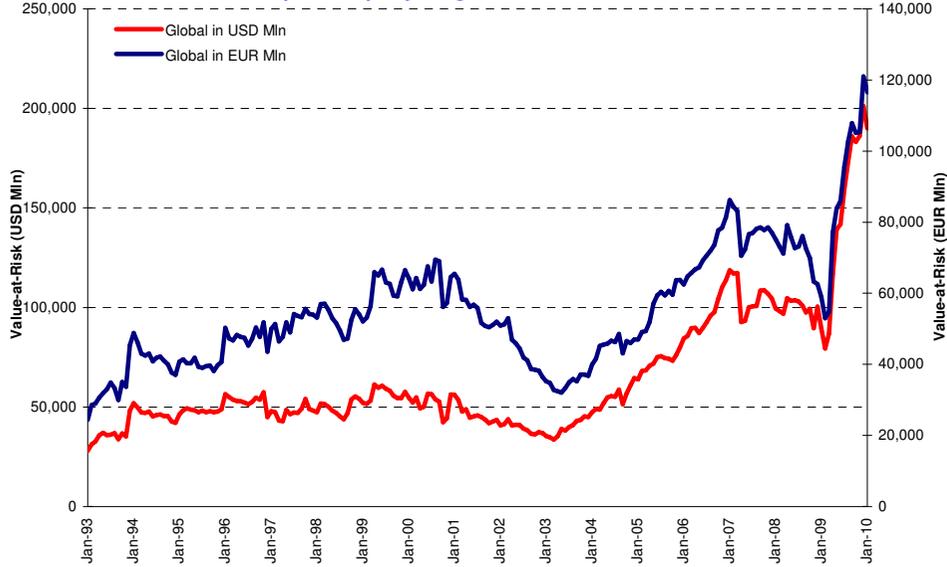
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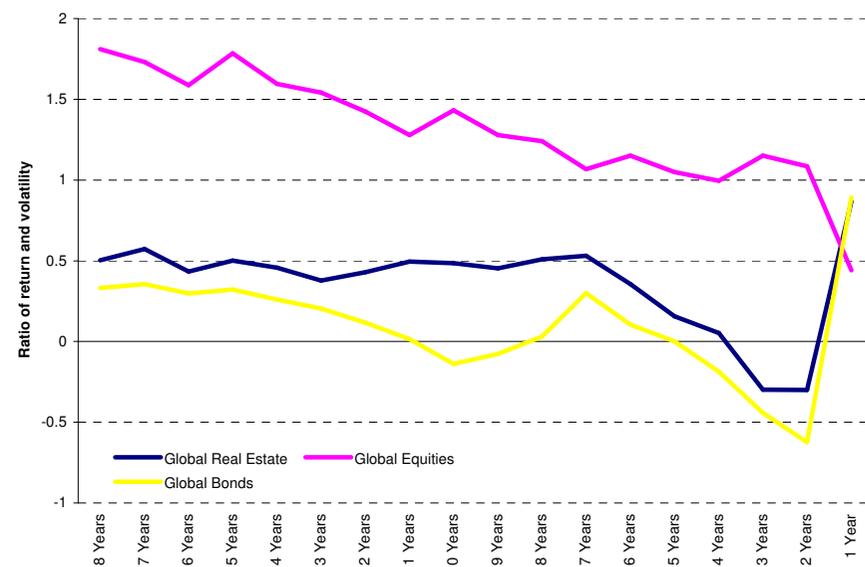
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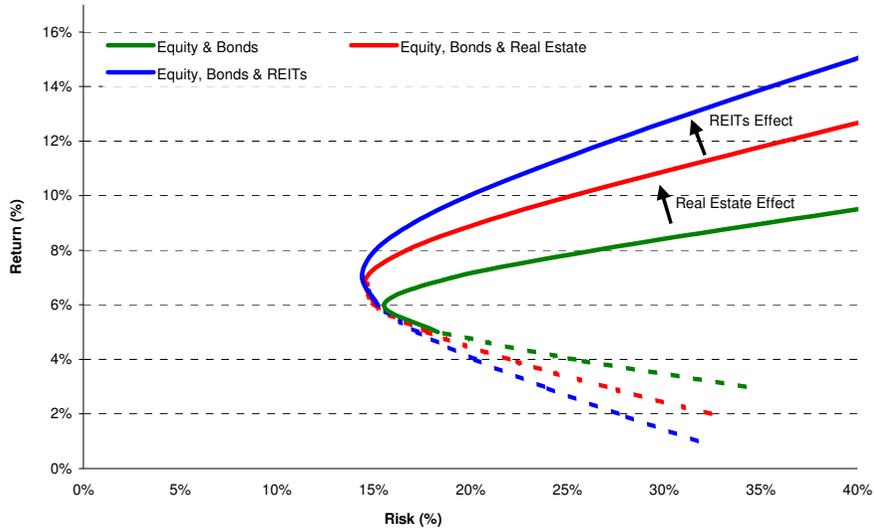
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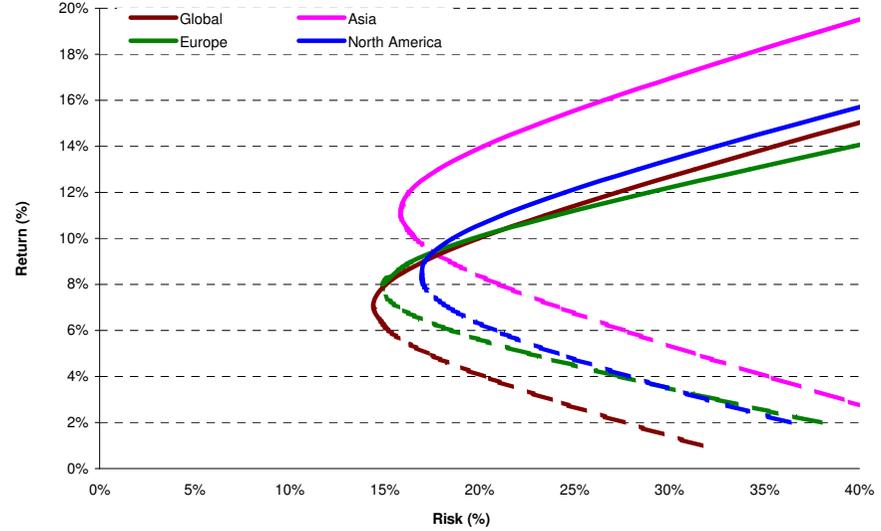
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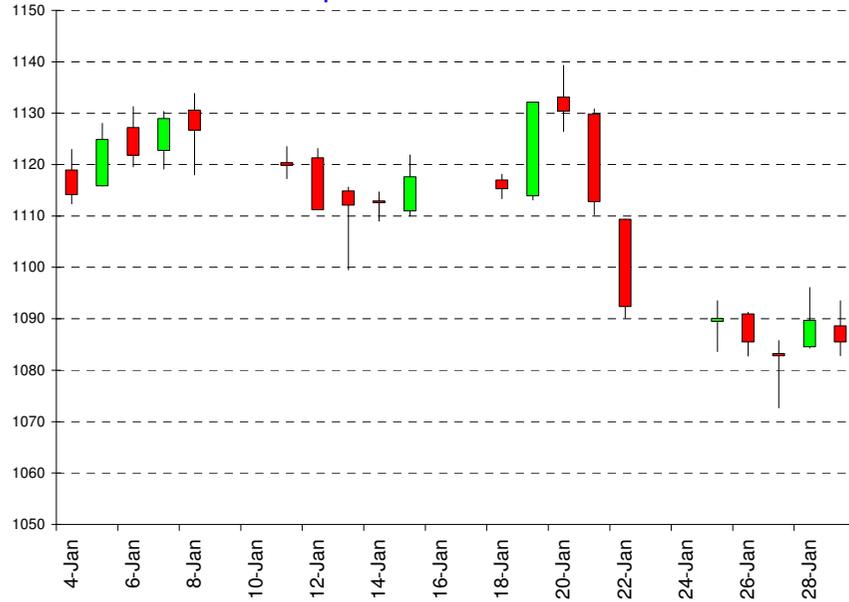
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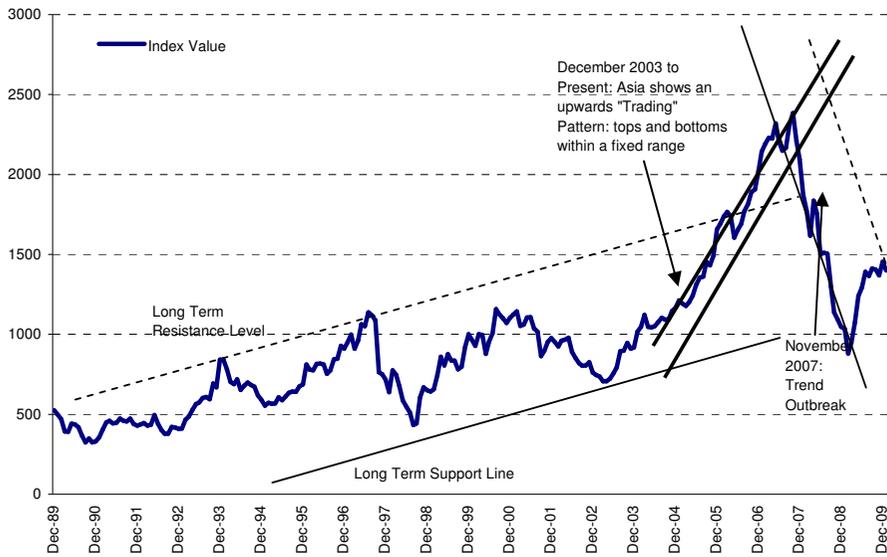


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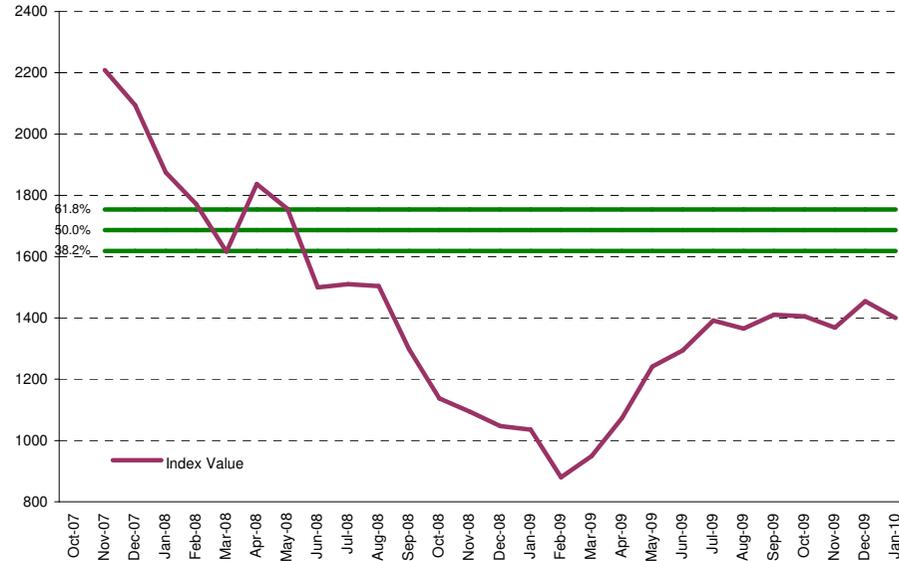
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\*\*\* A disclaimer applies to this graph. Please refer to page 117.

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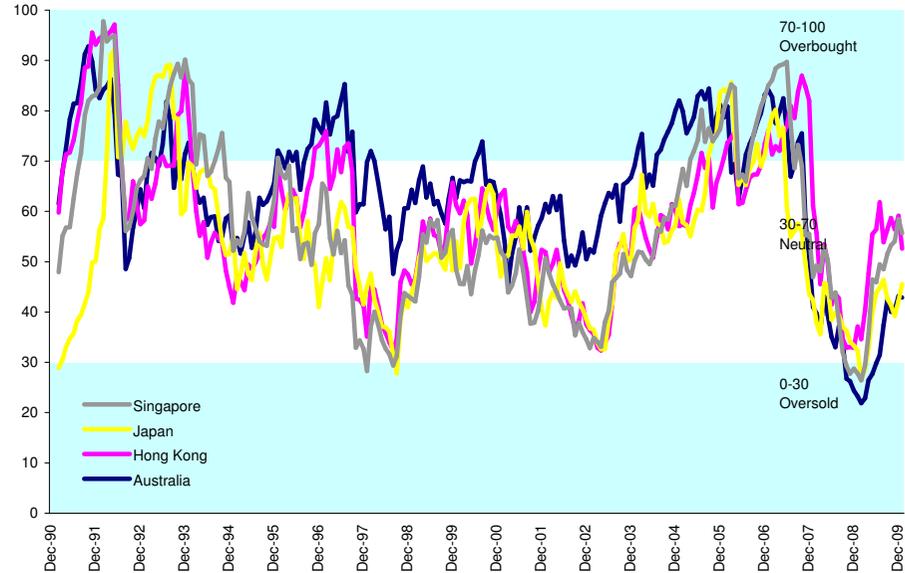
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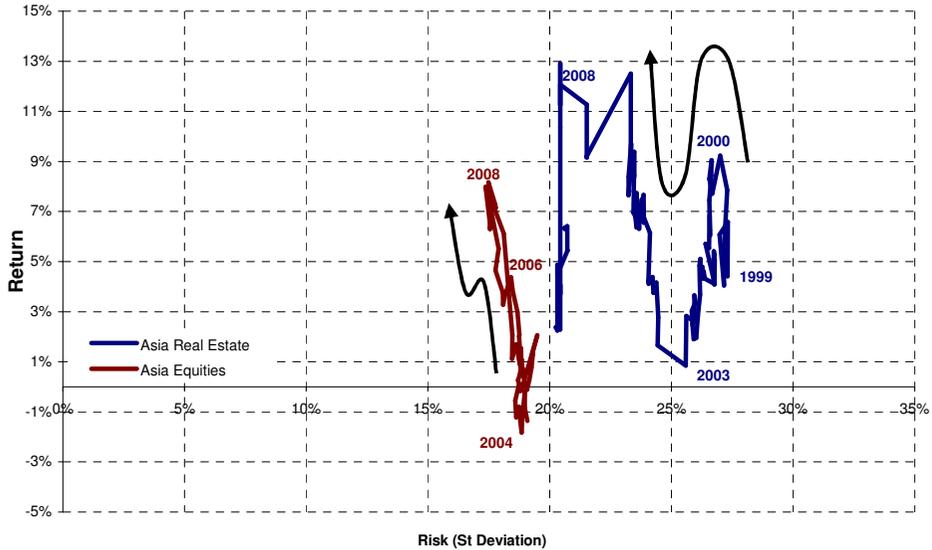
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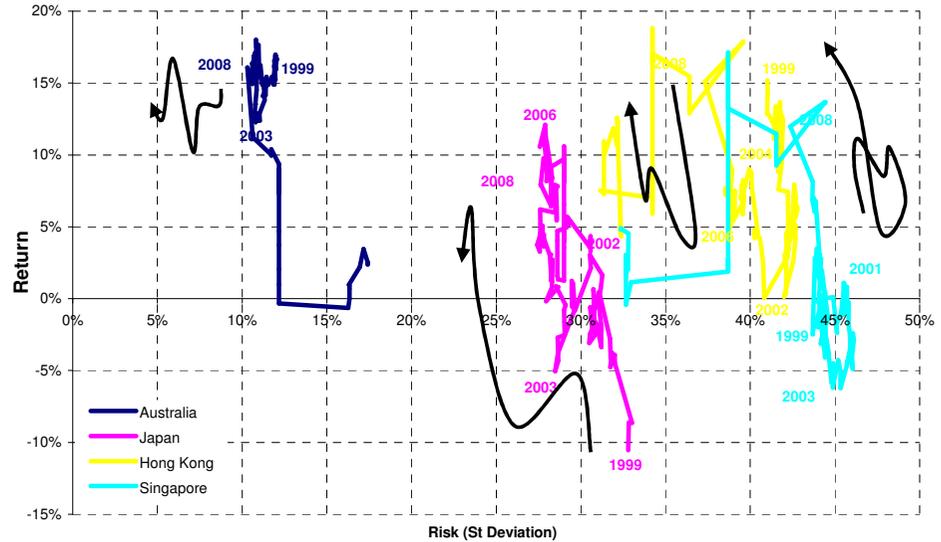
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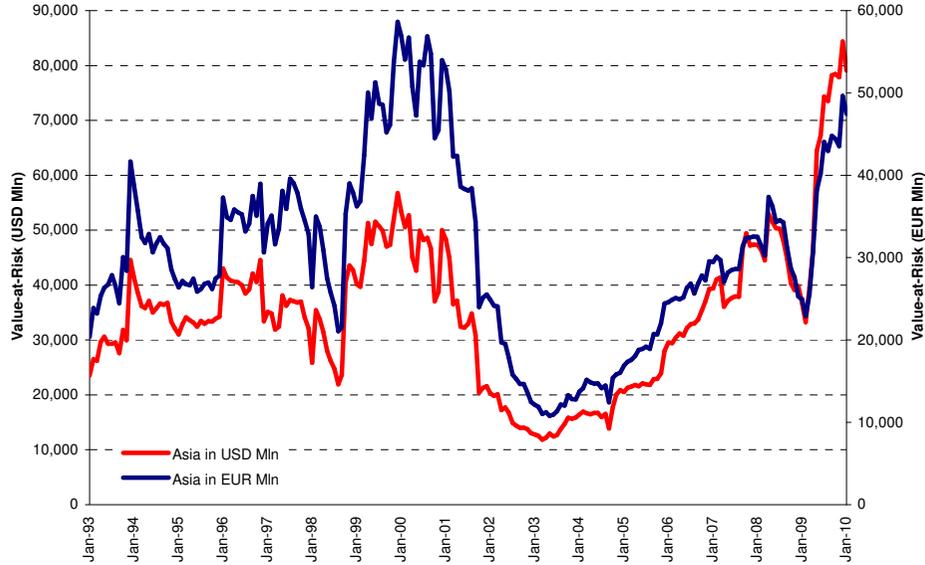
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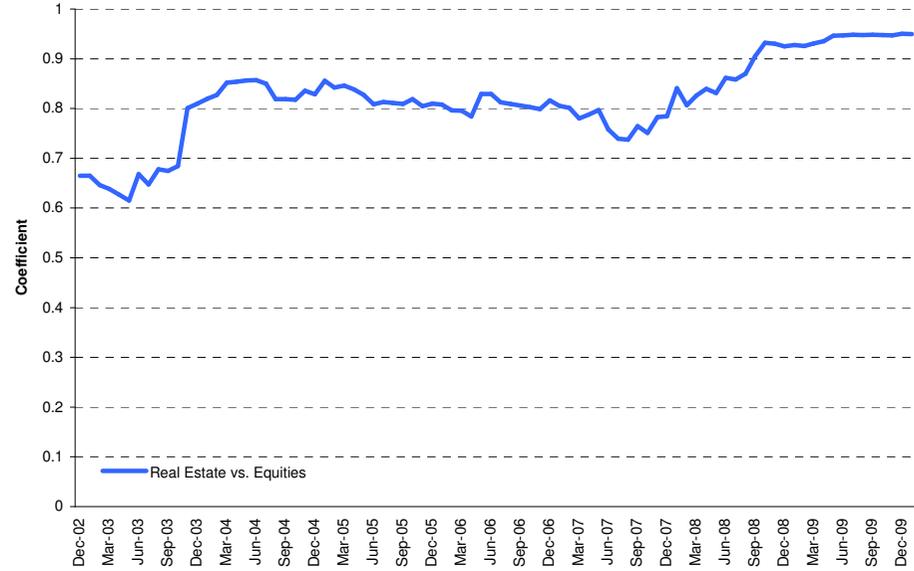
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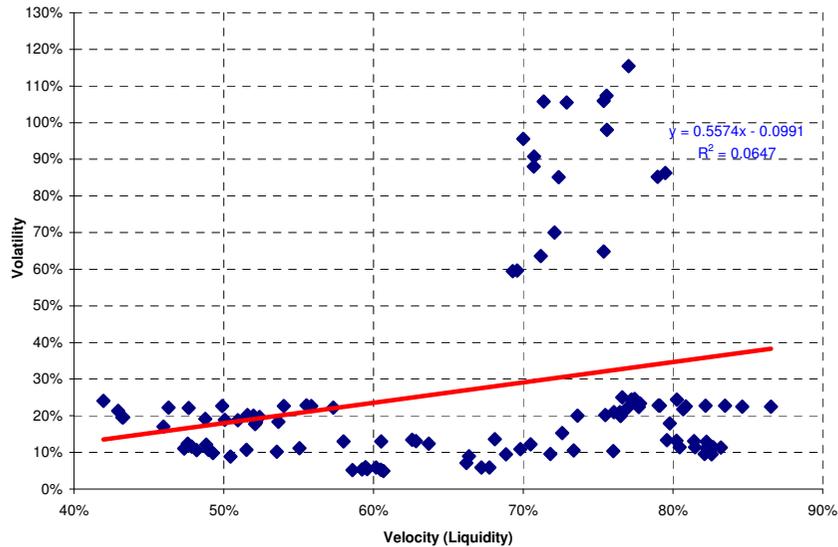
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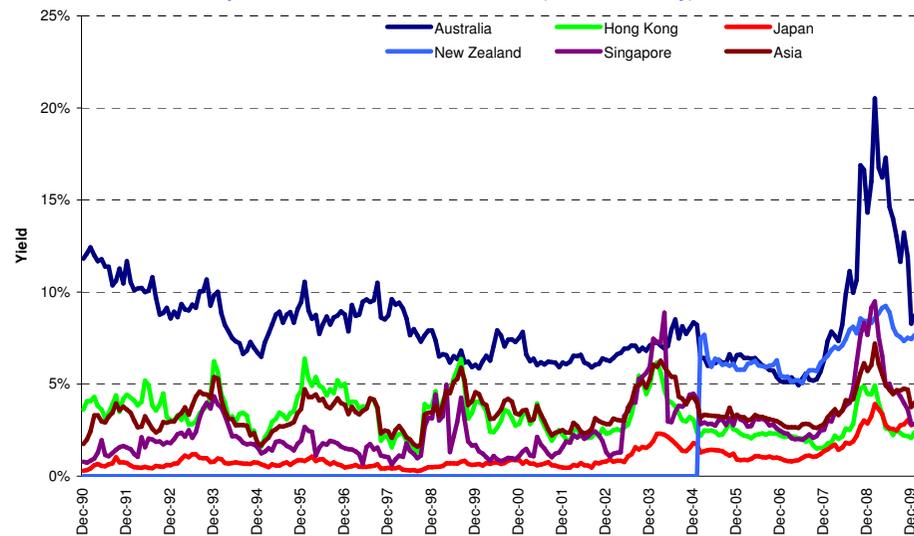
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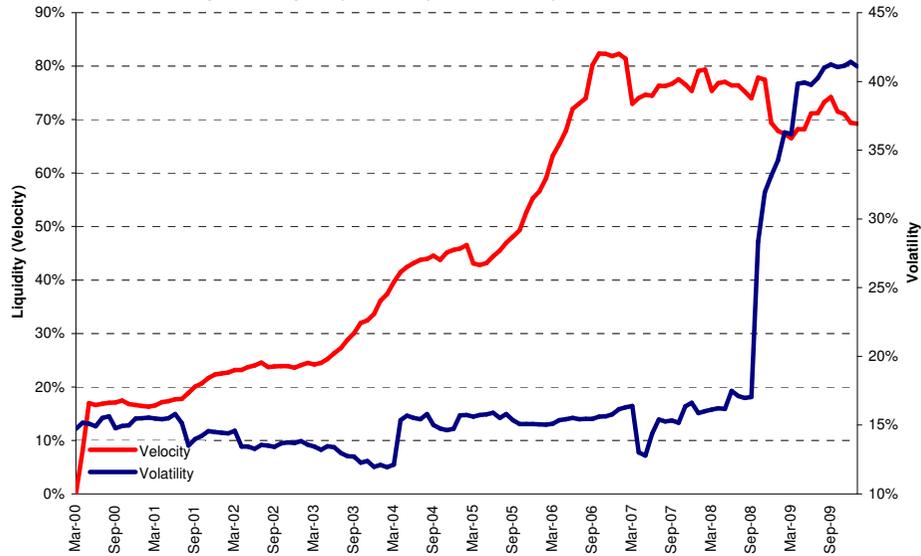
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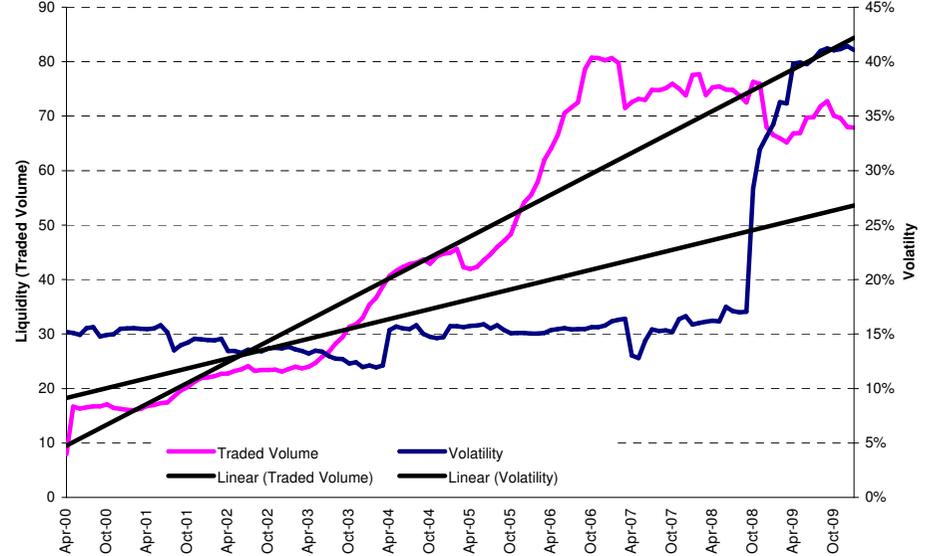
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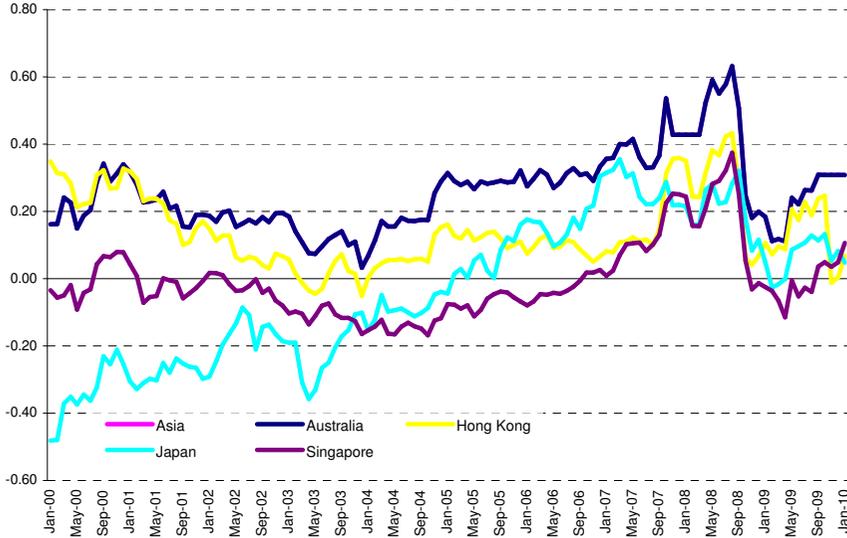
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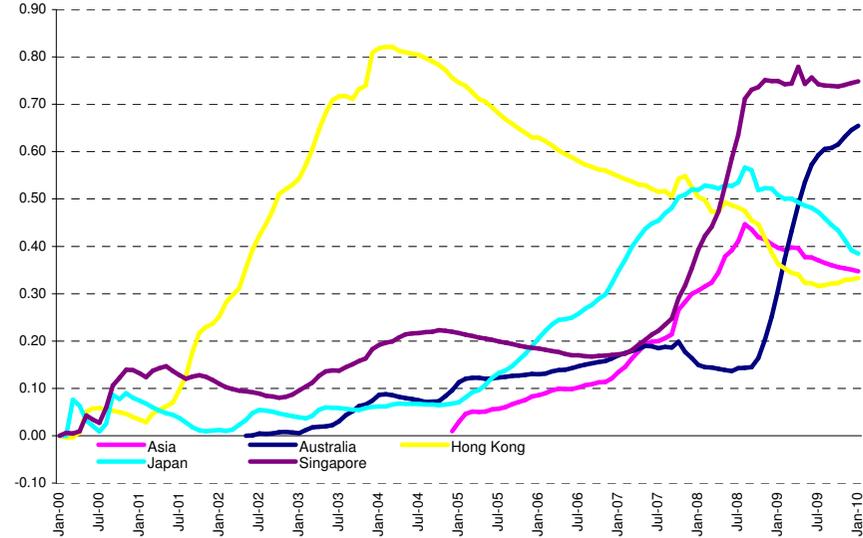
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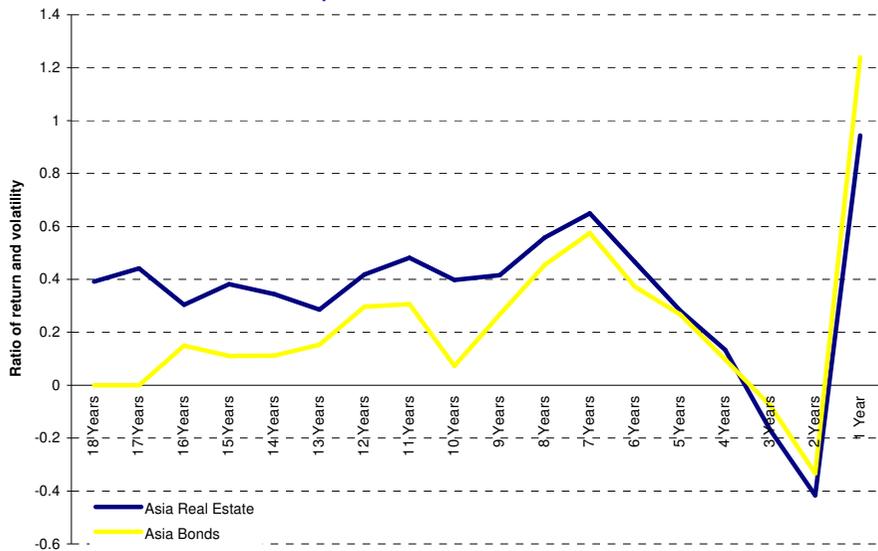
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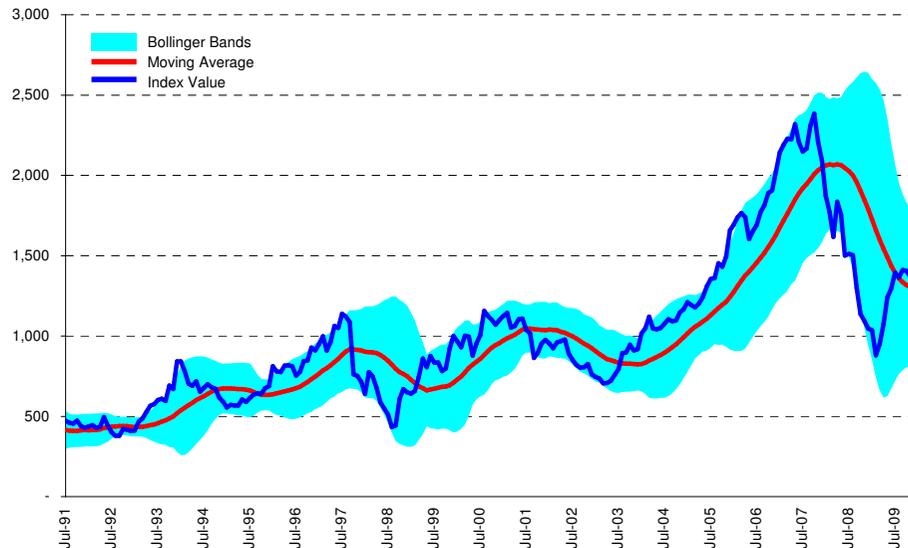
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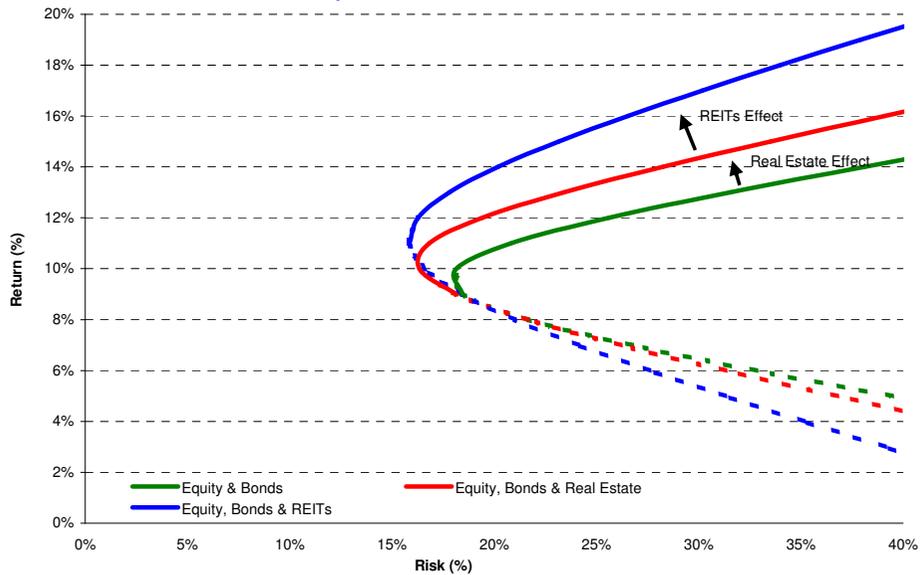
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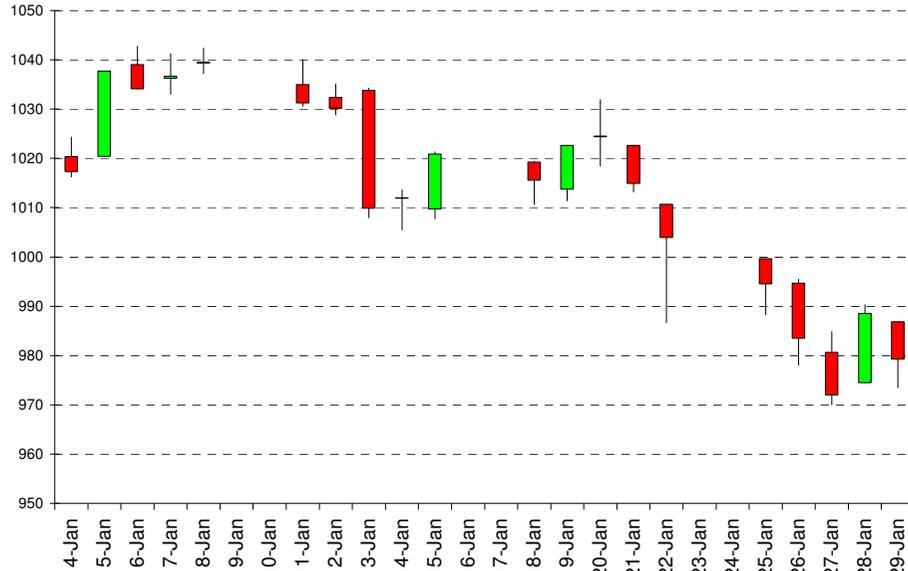
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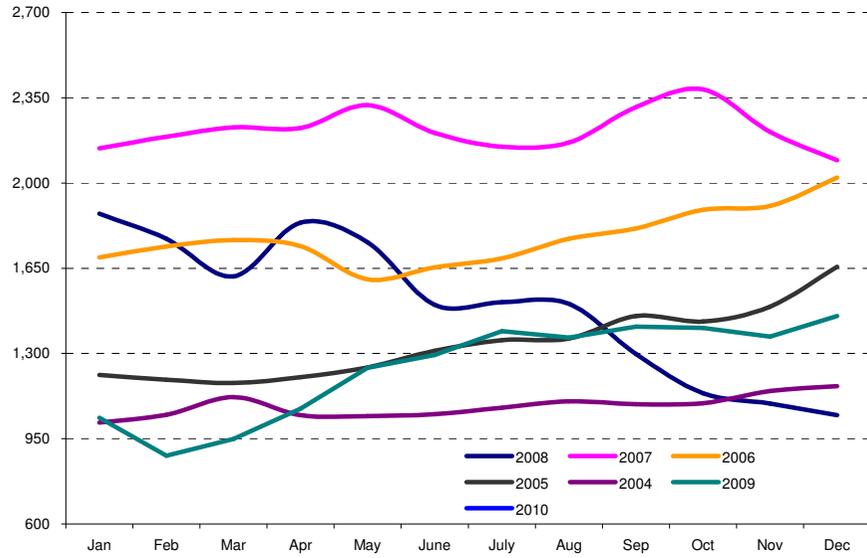
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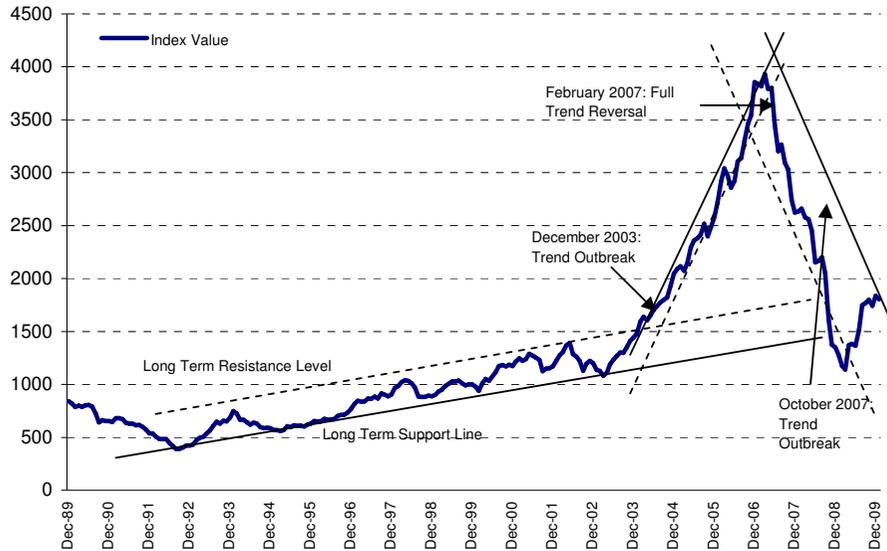


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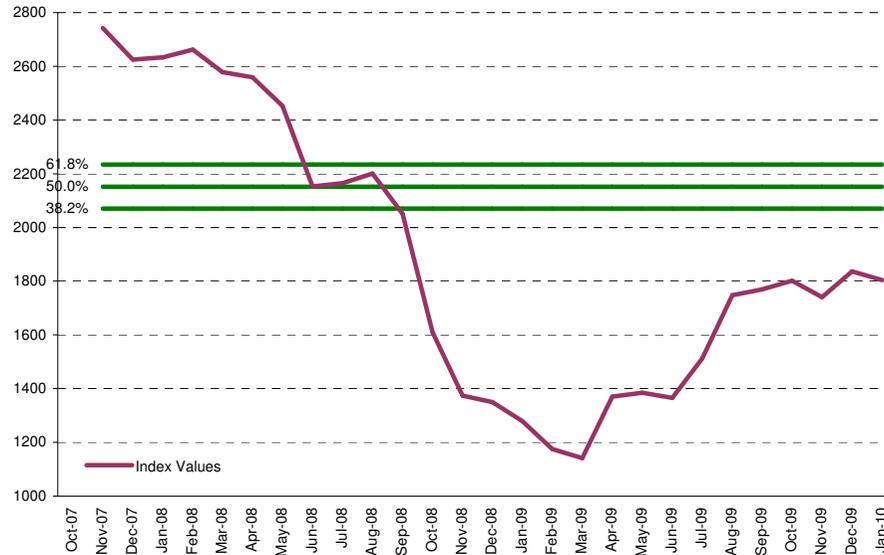
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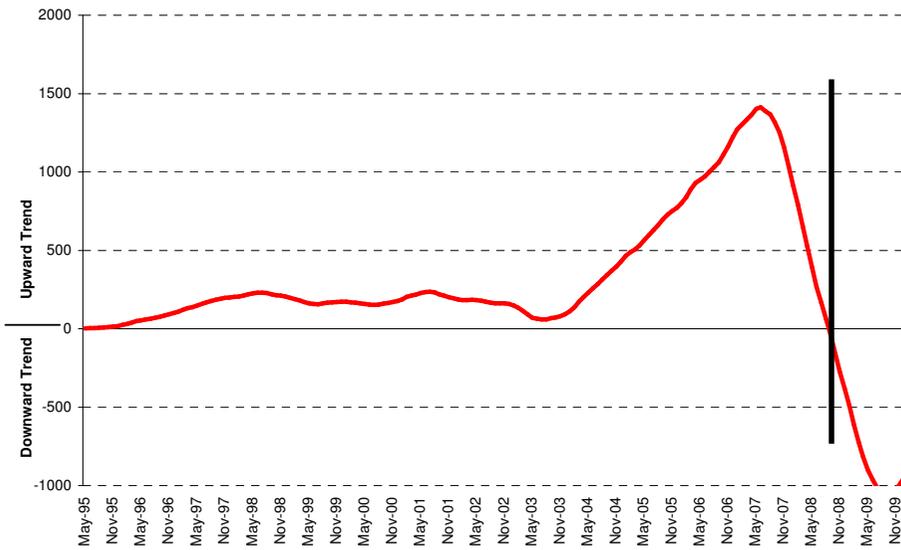


\*\*\* A disclaimer applies to this graph. Please refer to page 117.

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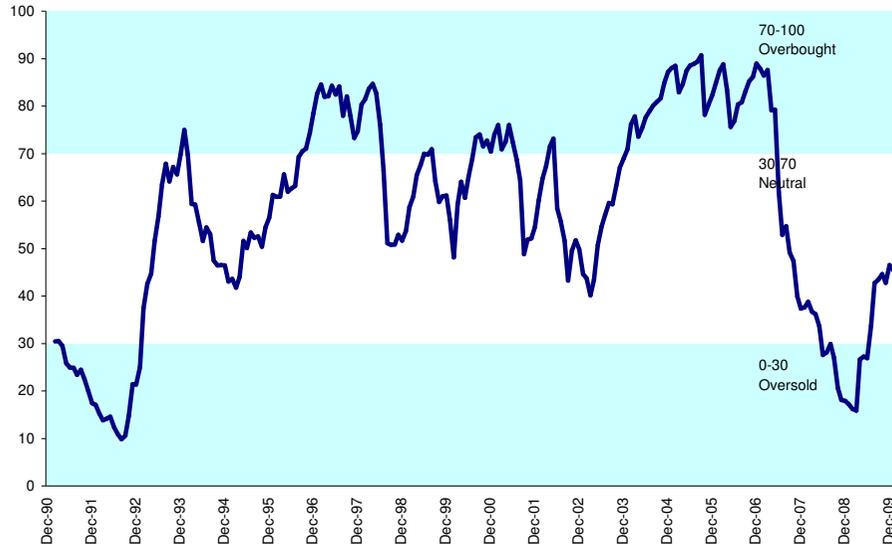
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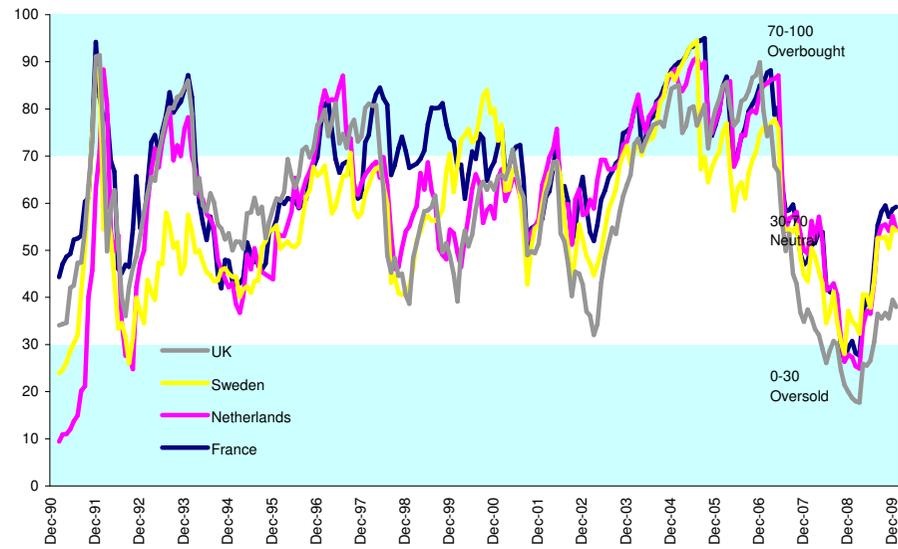
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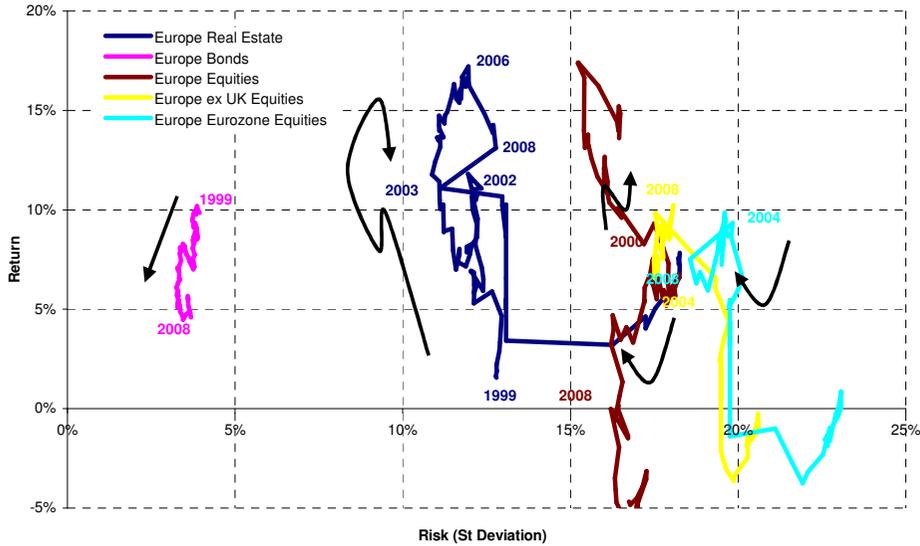
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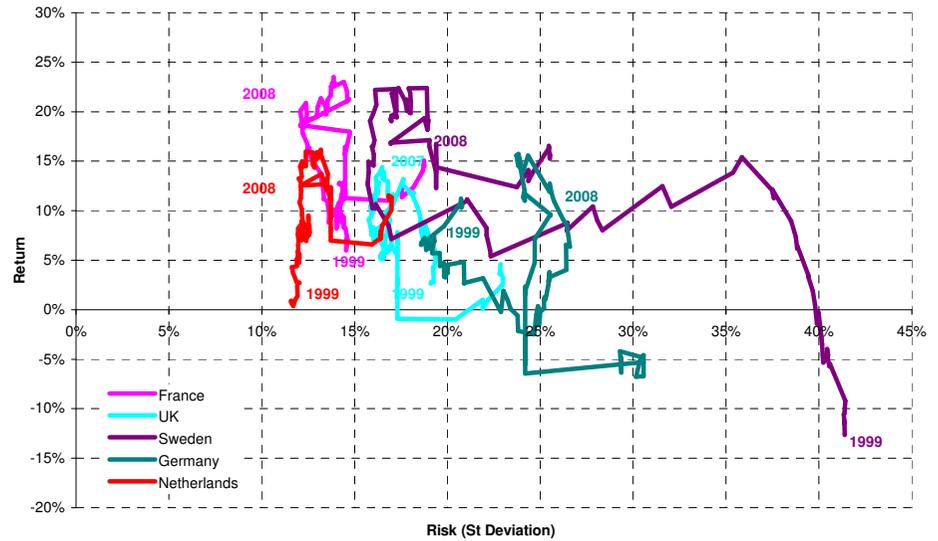
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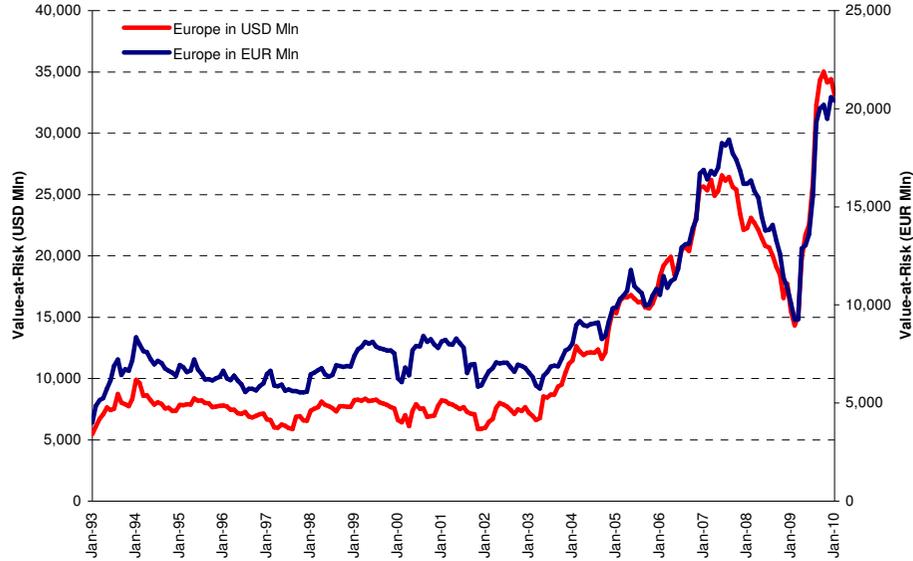
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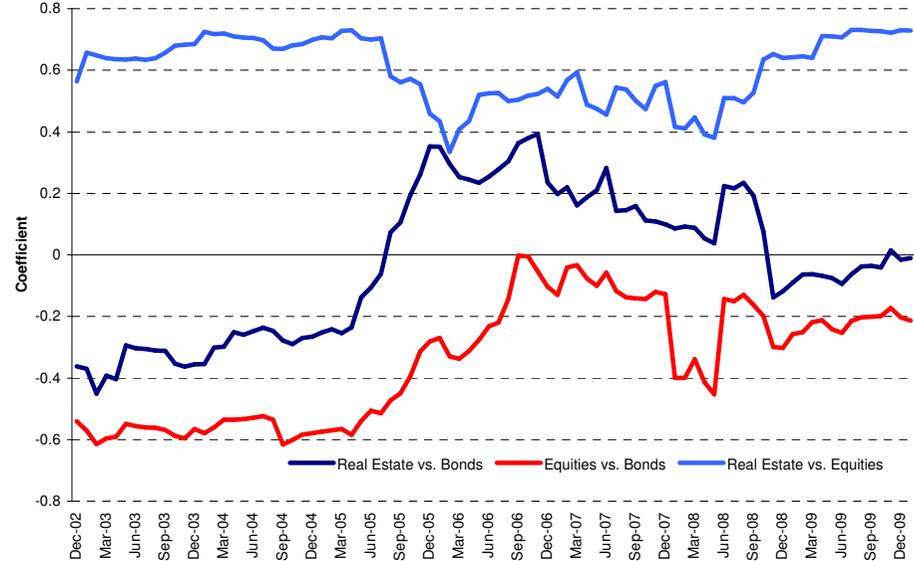
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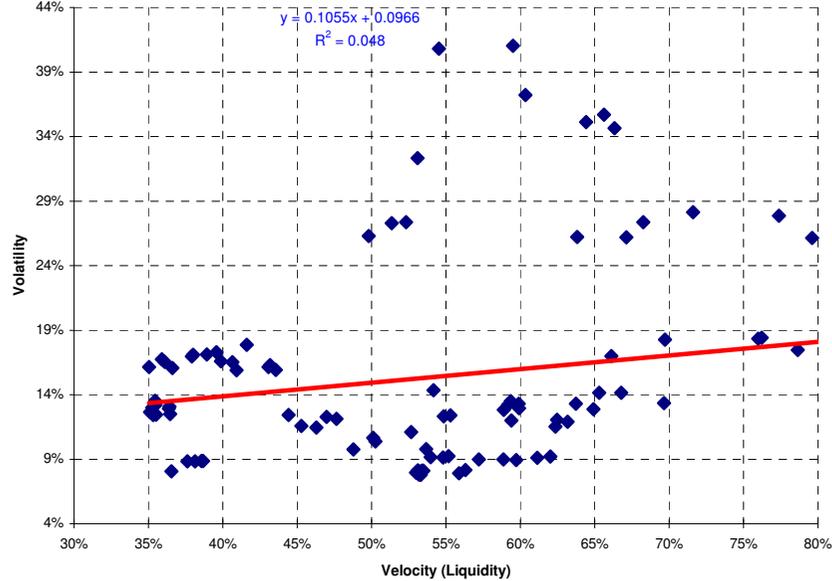
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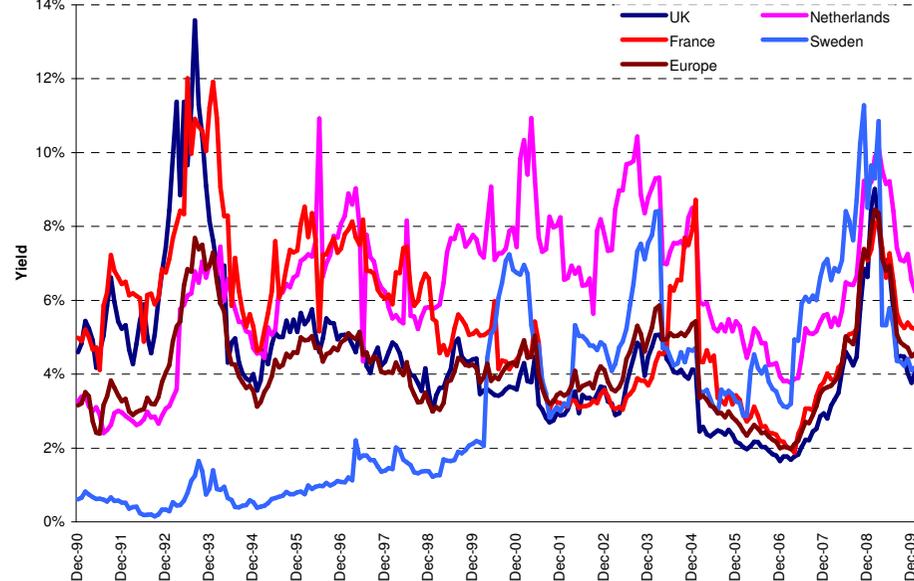
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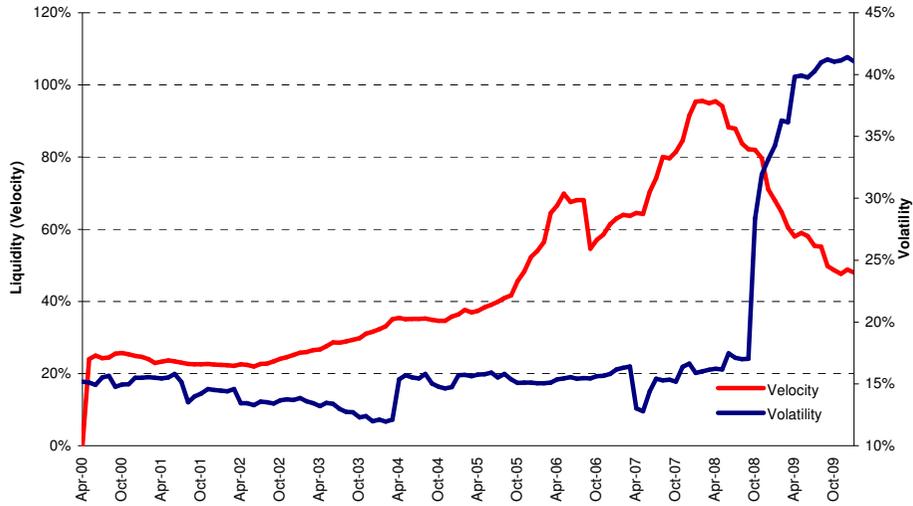
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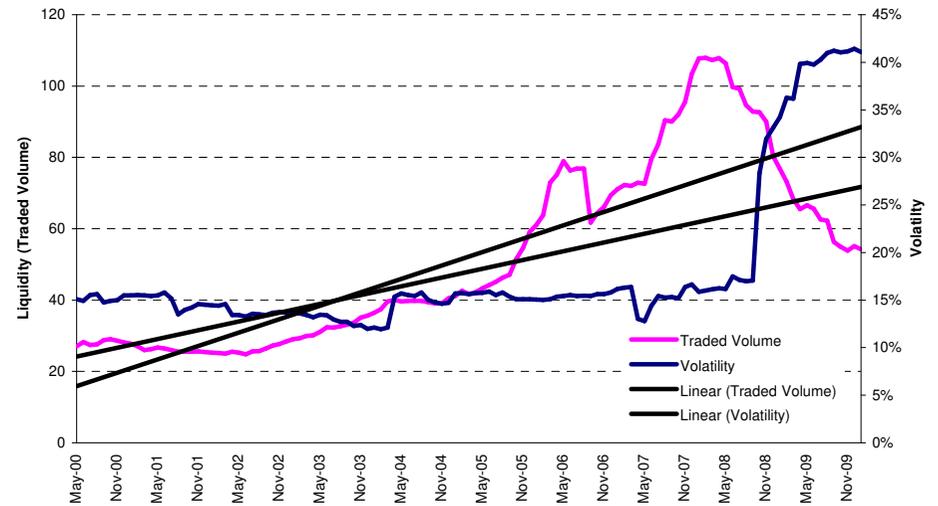
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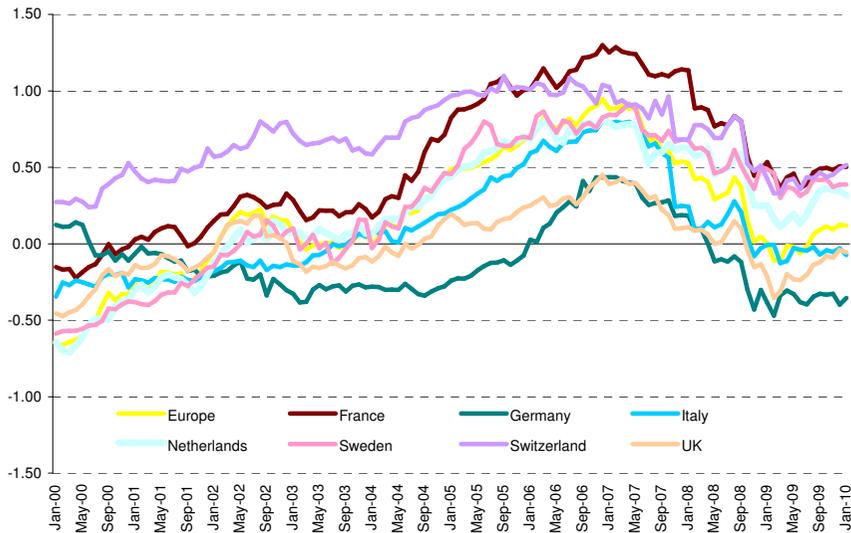
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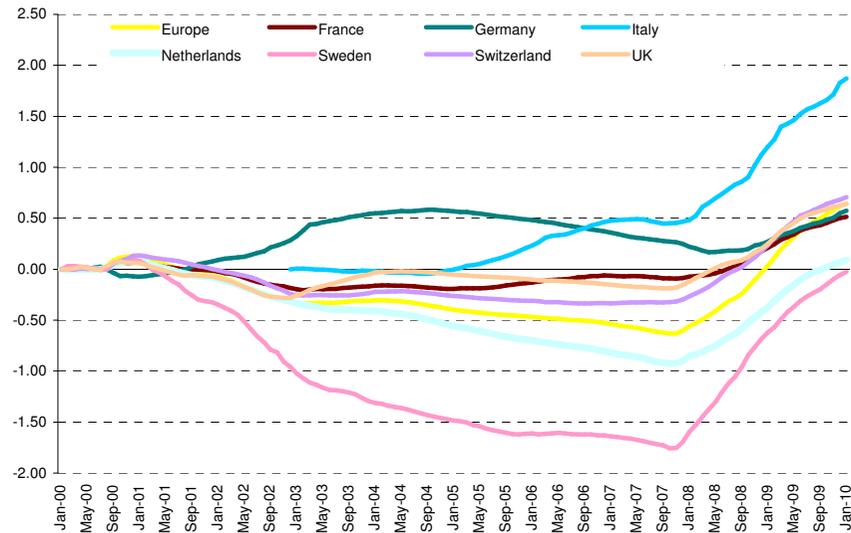
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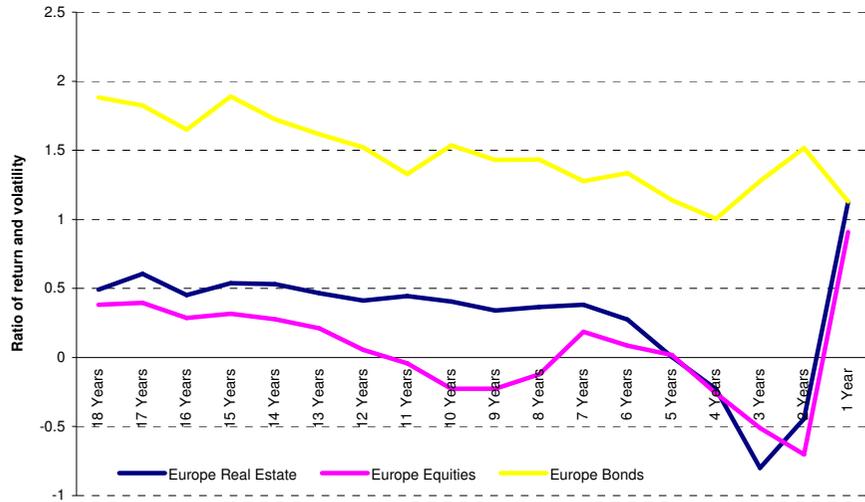
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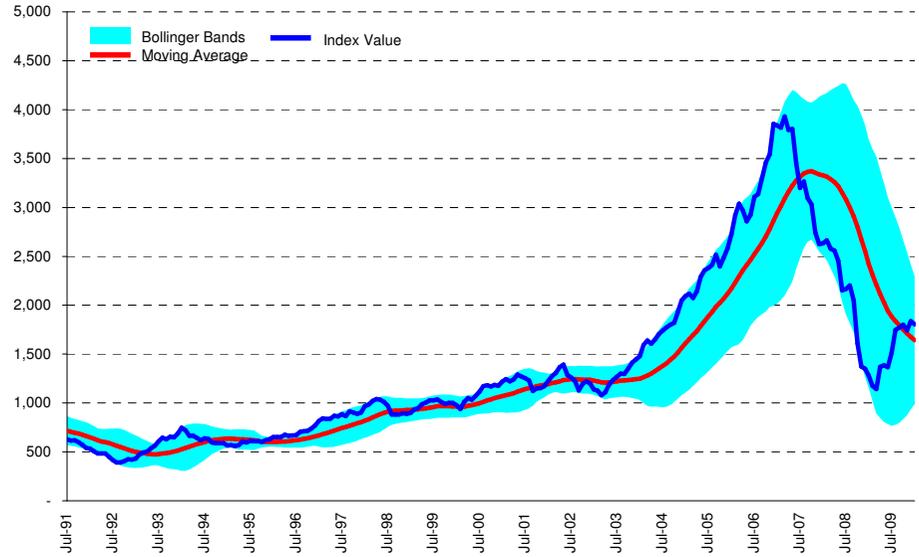
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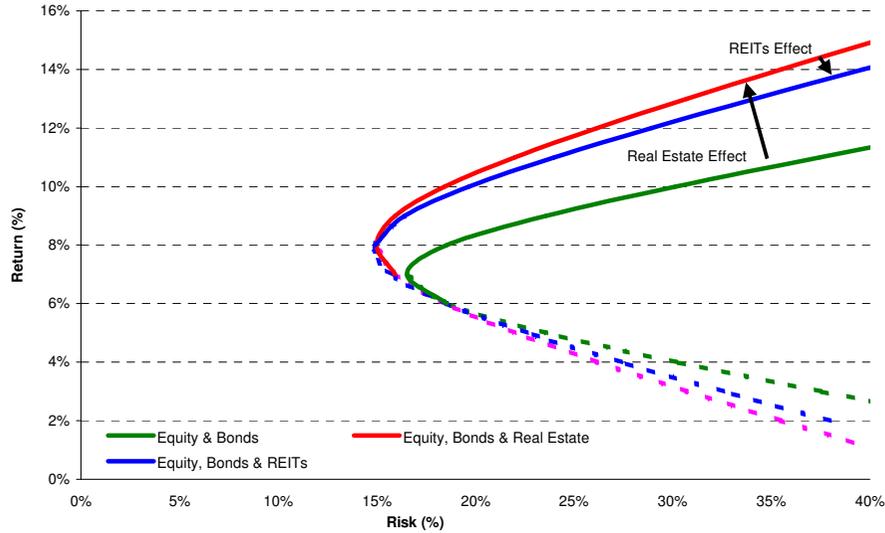
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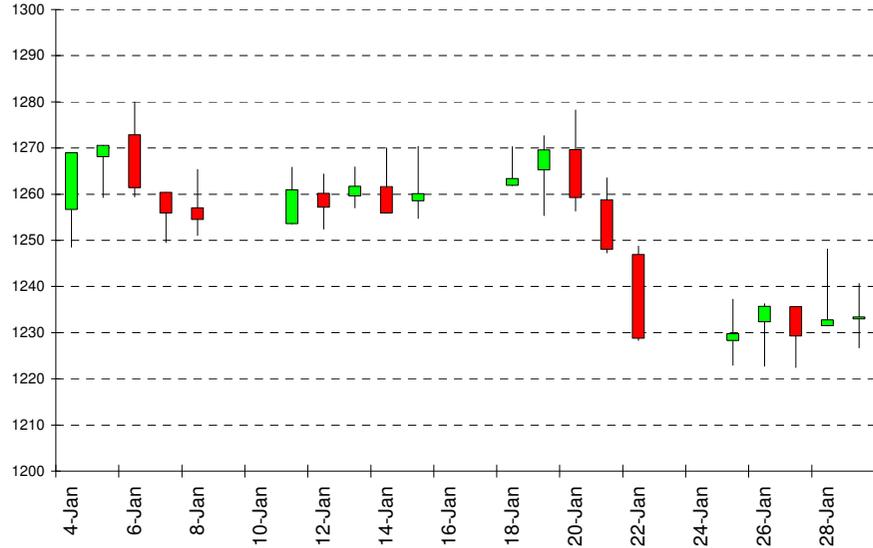
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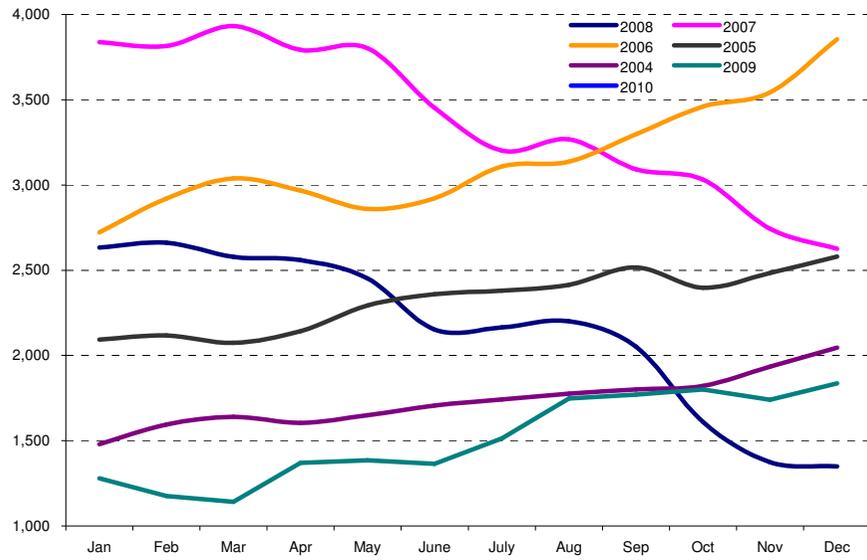
**Graph 63: Efficient Frontiers - Europe**



**Graph 64: Candlesticks - Europe**



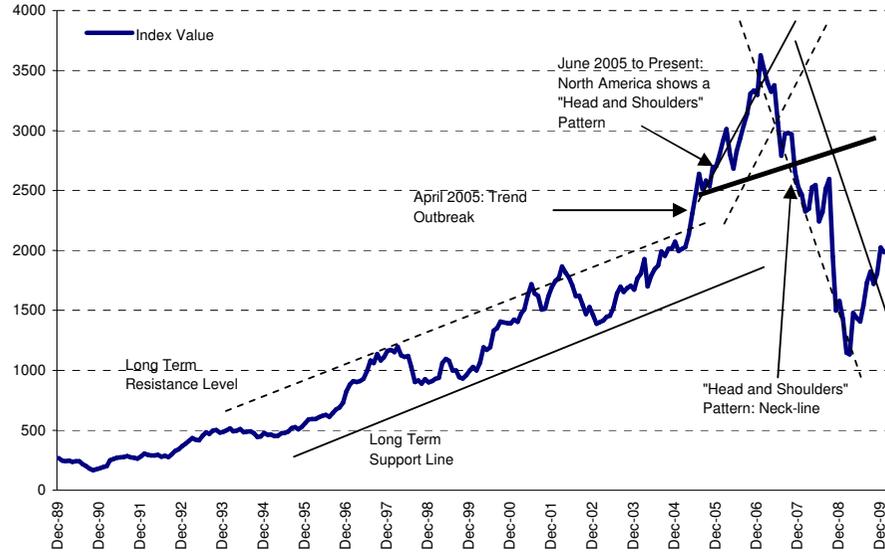
Graph 65: Seasonality Chart - Europe



## Section 4

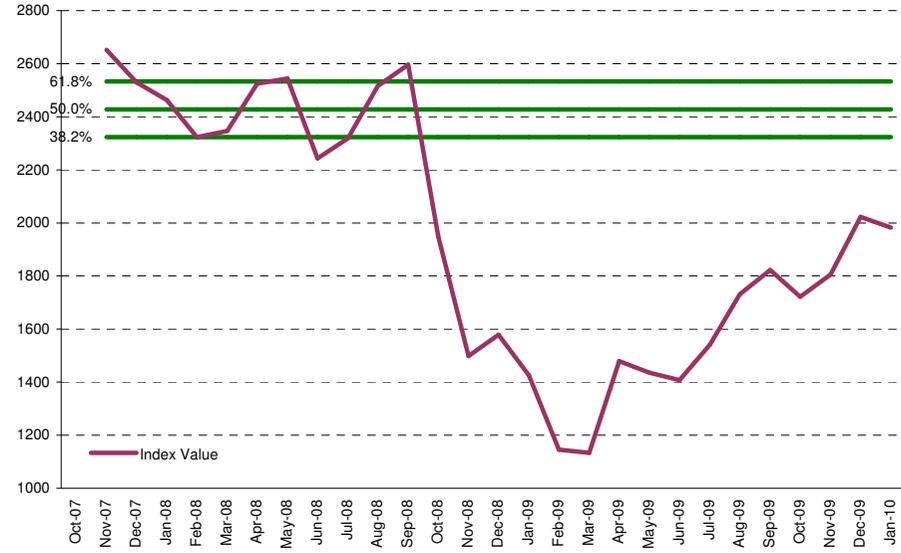
### North America Developed

**Graph 66: Long Term Technical Analysis - North America \*\*\***

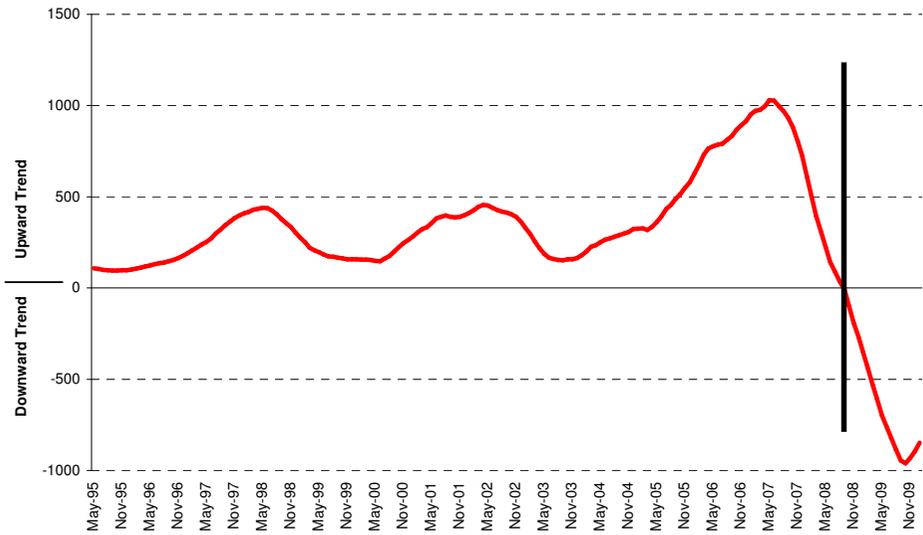


\*\*\* A disclaimer applies to this graph. Please refer to page 117.

**Graph 67: 1Y Retracement Levels - North America**



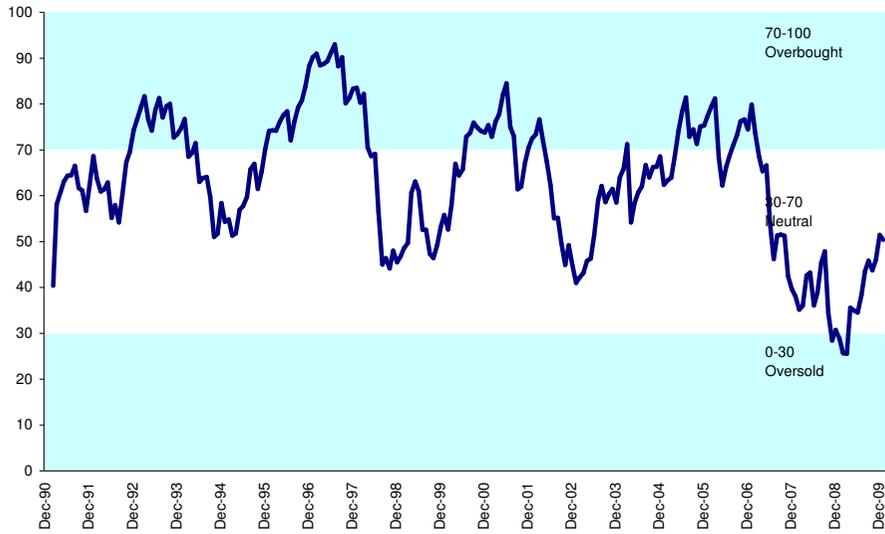
**Graph 68: Moving Averages: 5 Year vs 1 Year Oscillator - North America**



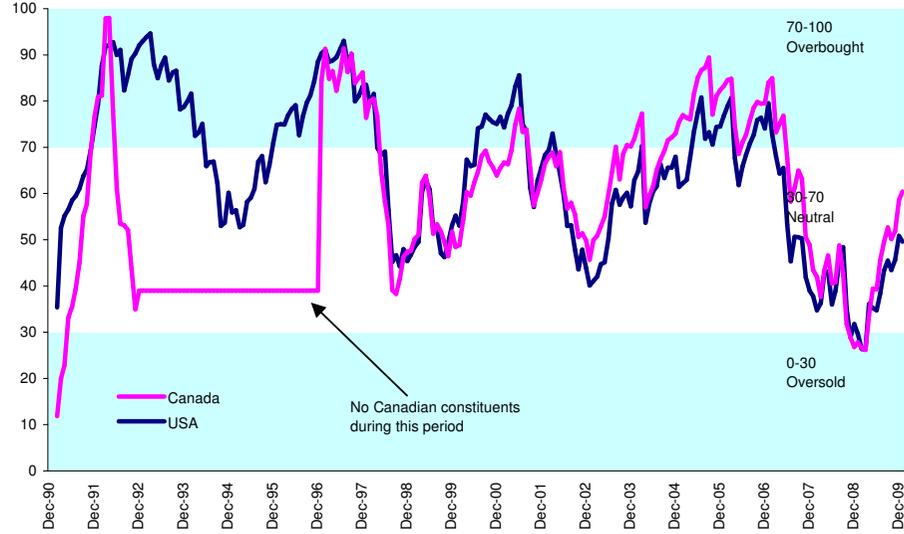
**Graph 69: Average True Range (Index Points) - North America**



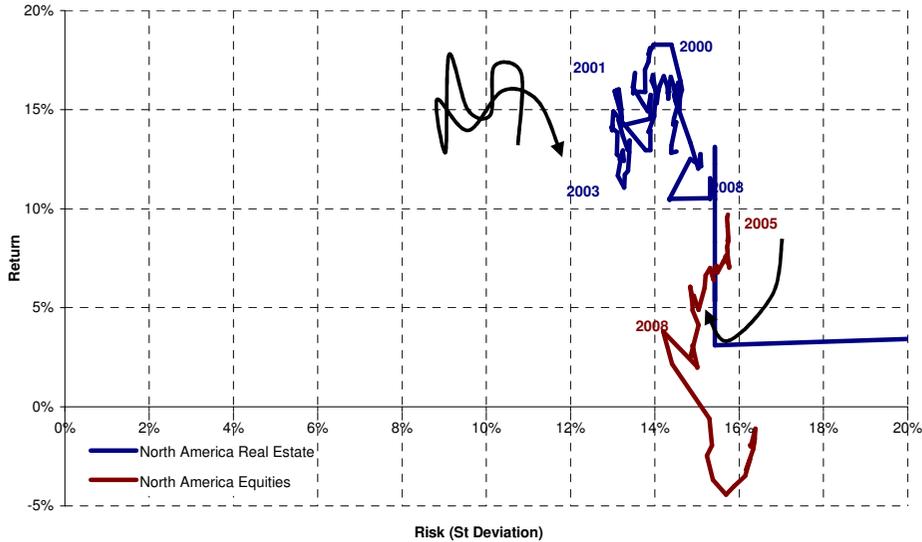
Graph 70: Relative Strength Indicator - North America



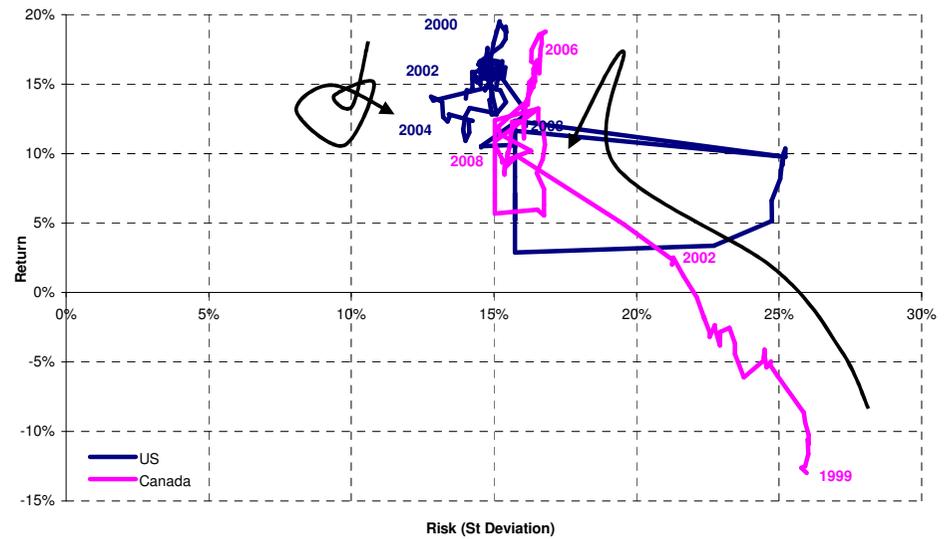
Graph 71: Relative Strength Indicator - North America Countries

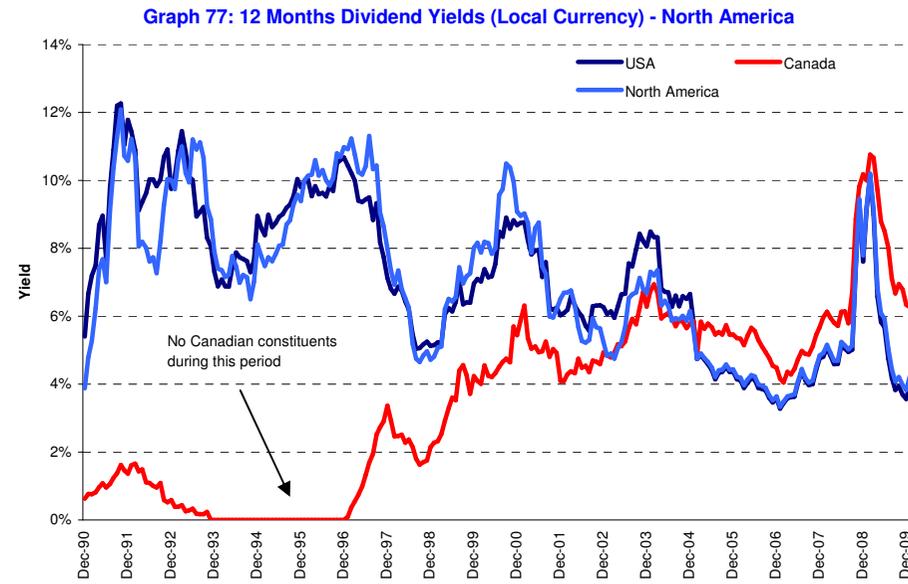
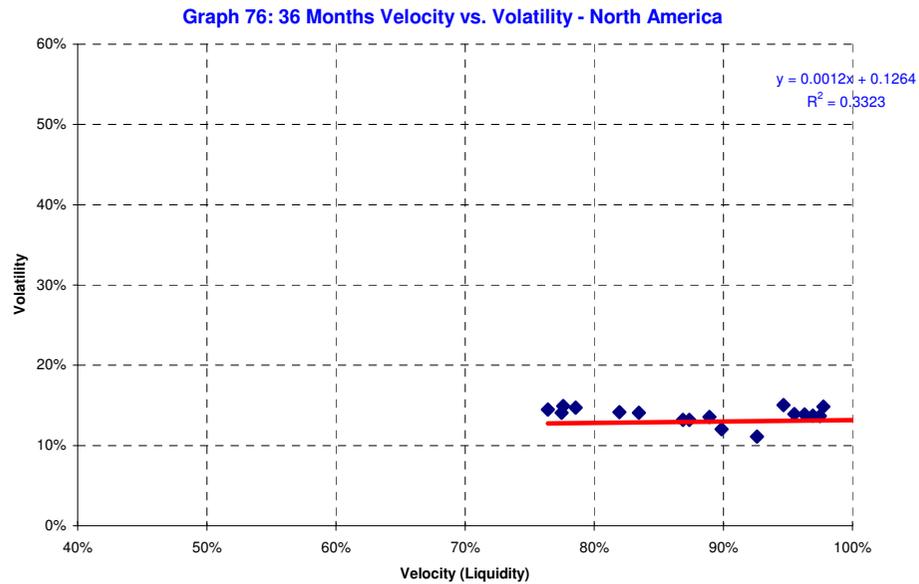
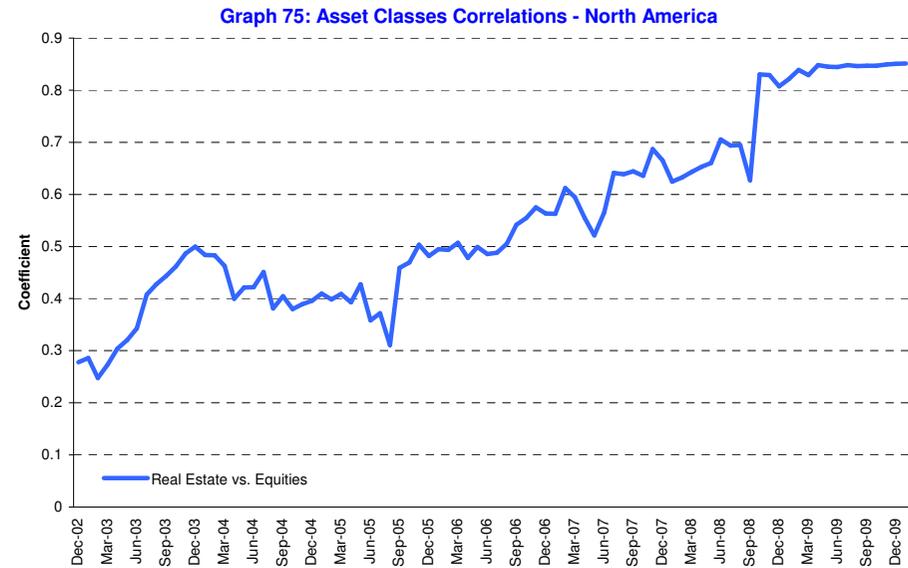
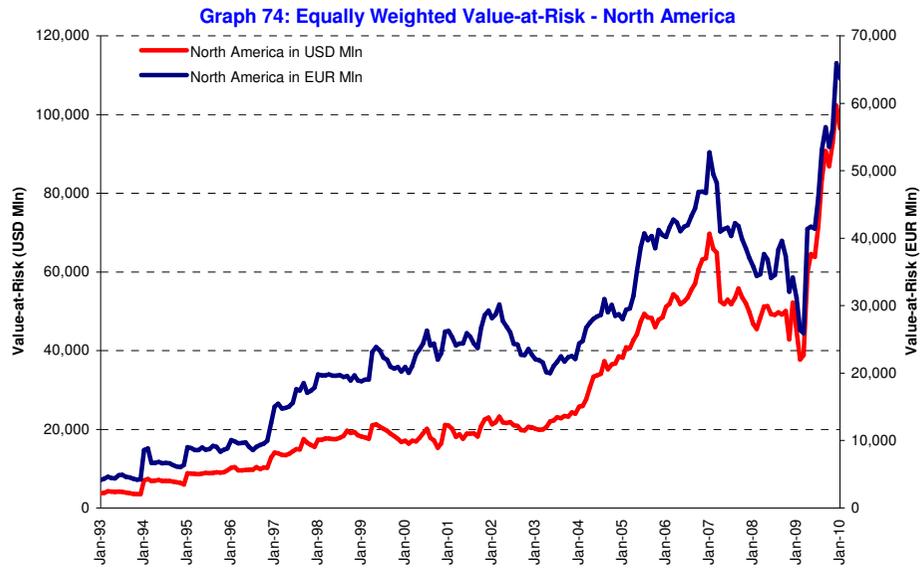


Graph 72: Rolling 10 Years Risk/Return Profile - North America

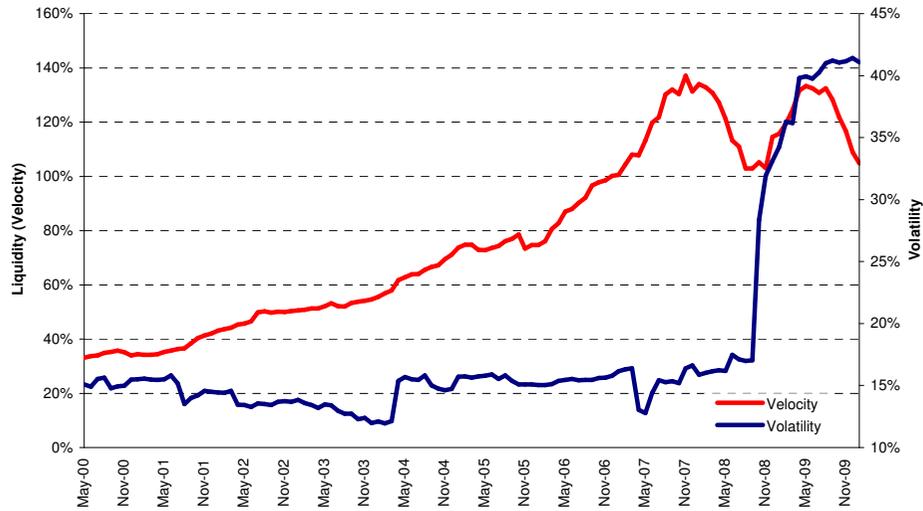


Graph 73: Rolling 10 Years Risk/Return Profile - North America Countries

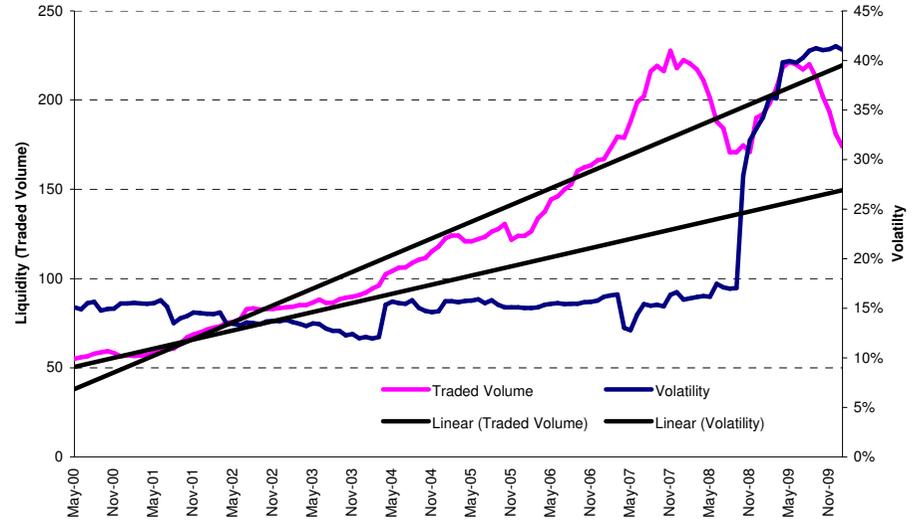




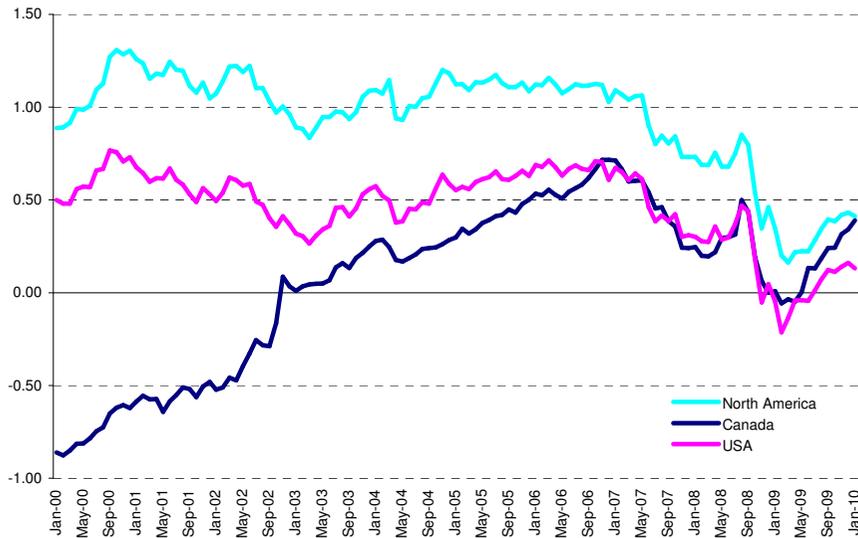
Graph 78: Liquidity (Velocity) vs. Volatility (St. Deviation) - North America



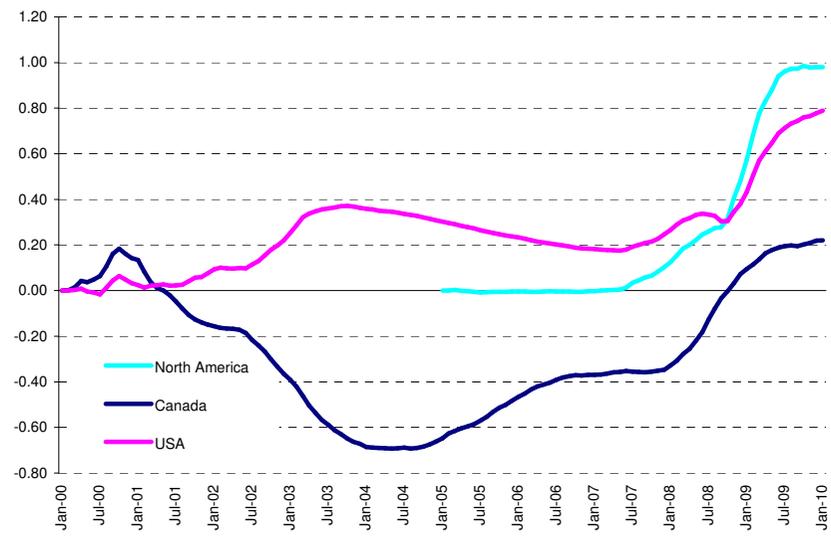
Graph 79: Liquidity (Traded Volume) vs. Volatility (St. Deviation) - North America



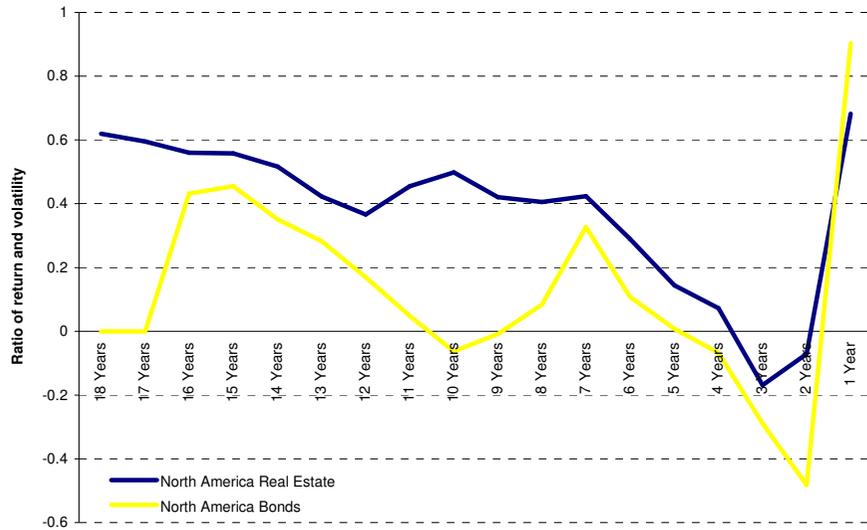
Graph 80: Sharp Ratio - North America



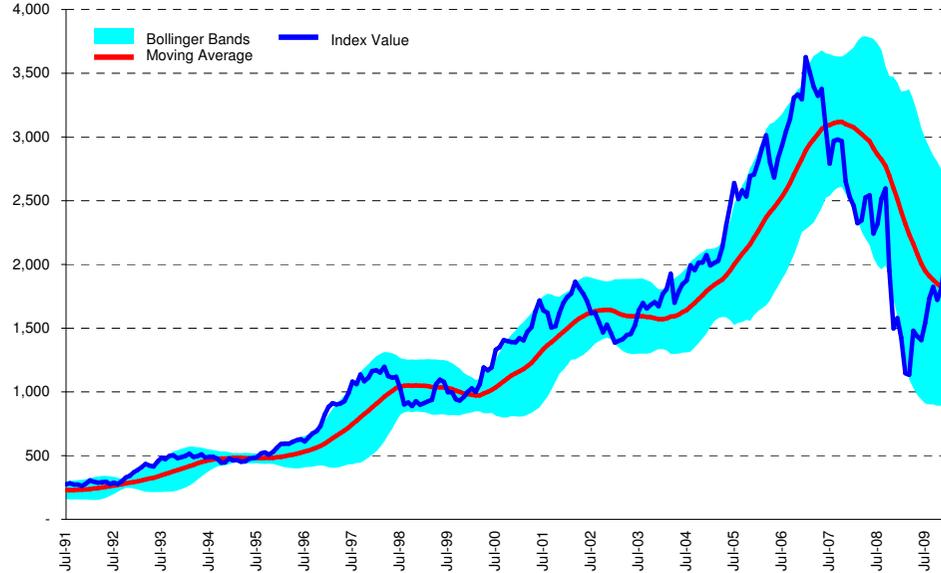
Graph 81: Long Term Beta Coefficient - North America



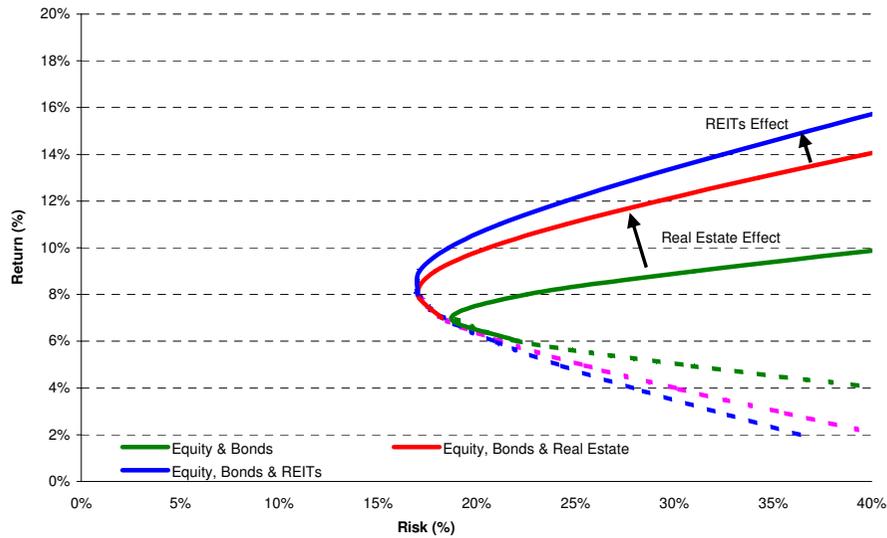
**Graph 82: Investment Horizons - North America**



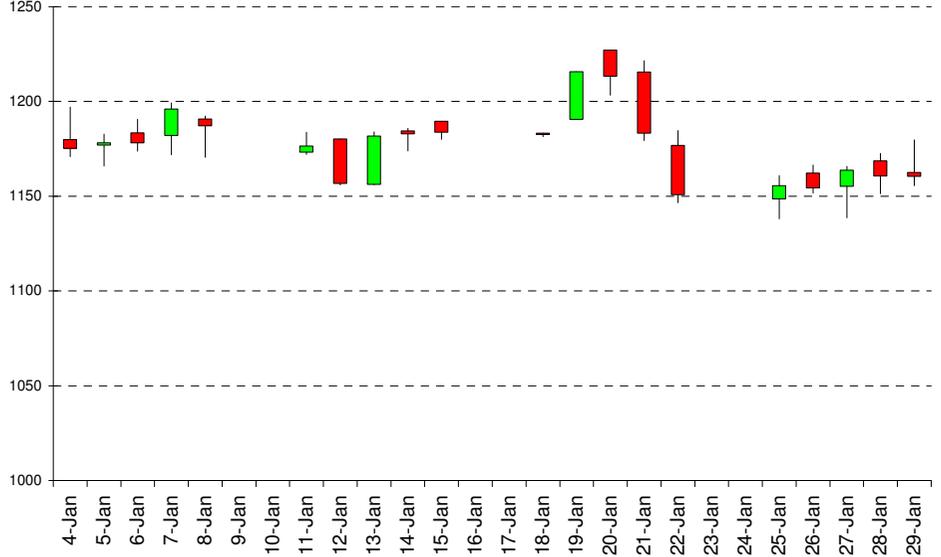
**Graph 83: 20 Month Bollinger Bands - North America**



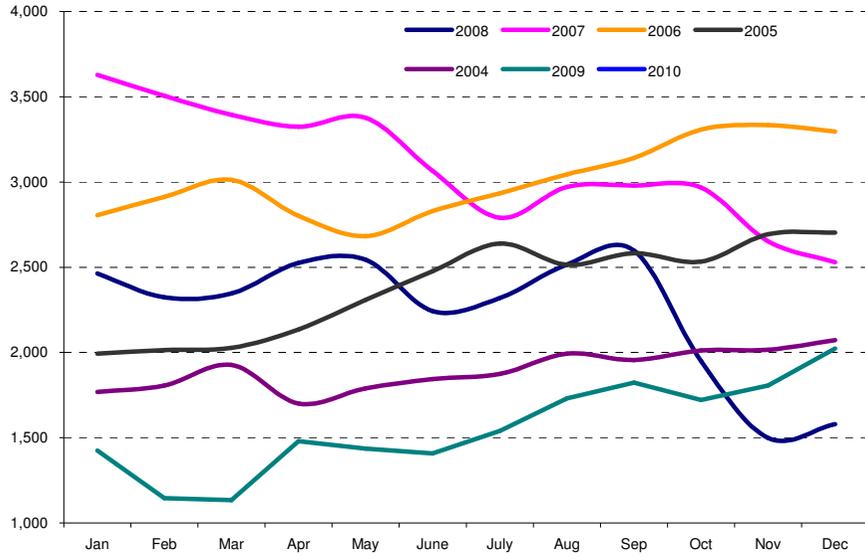
**Graph 84: Efficient Frontiers - North America**



**Graph 85: Candlesticks - North America**

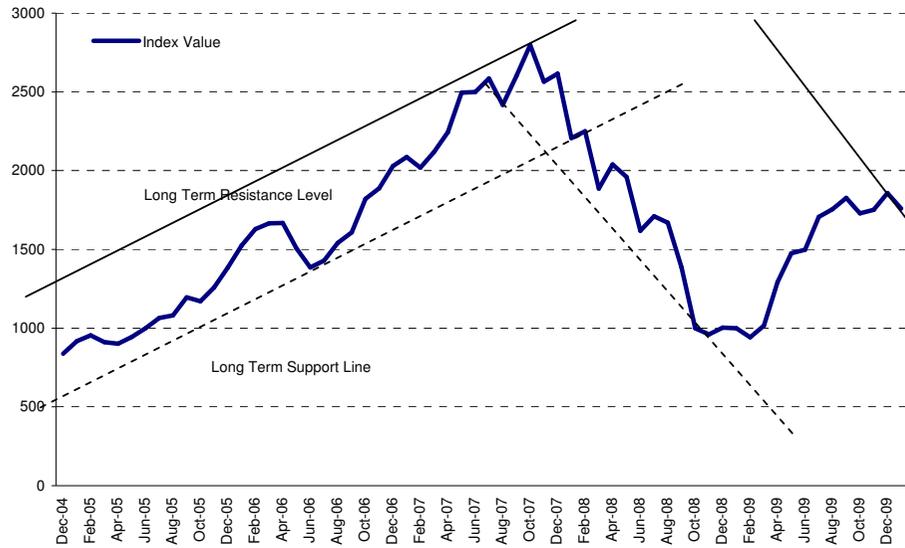


Graph 86: Seasonality Chart - North America



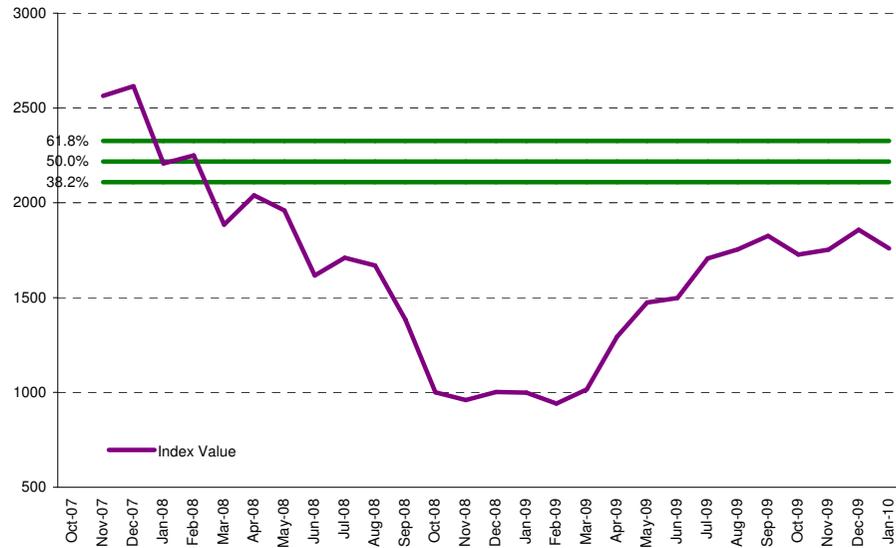
**Section 5**  
**Emerging Markets**

**Graph 87: Long Term Technical Analysis - Emerging Markets \*\*\***



\*\*\* A disclaimer applies to this graph. Please refer to page 117.

**Graph 88: 1Y Retracement Levels - Emerging Markets**



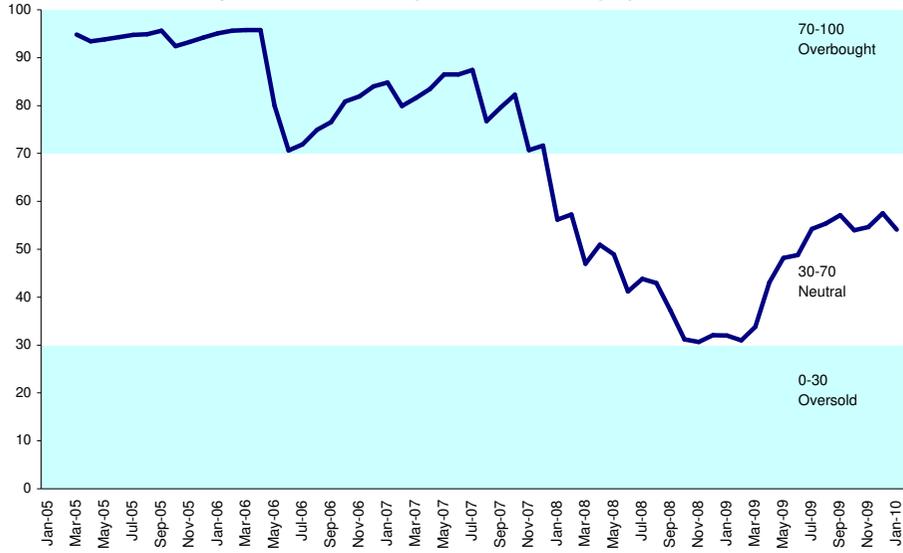
**Graph 89: Moving Averages: 5 Year vs 1 Year Oscillator - Emerging Markets**



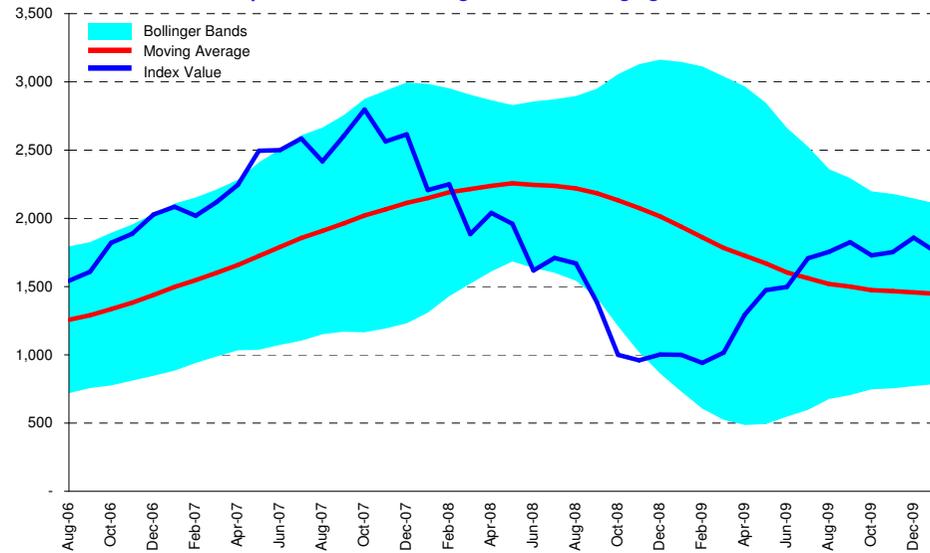
**Graph 90: Average True Range (Index Points) - Emerging Markets**



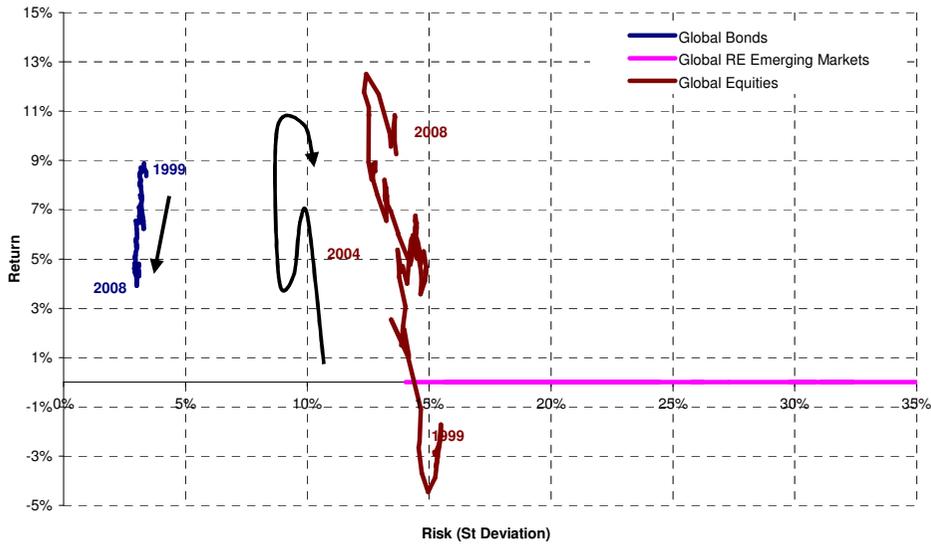
**Graph 91: Relative Strength Indicator - Emerging Markets**



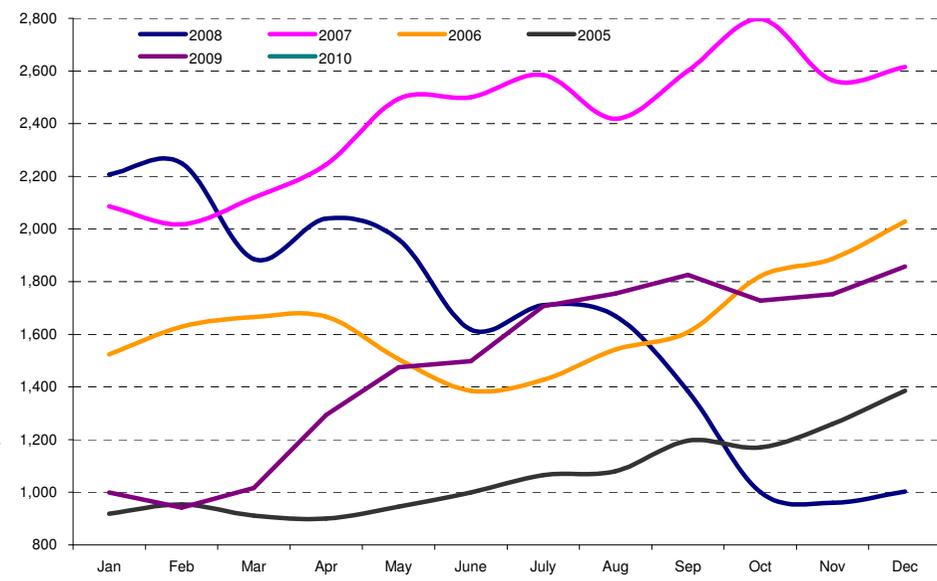
**Graph 92: 20 Month Bollinger Bands - Emerging Markets**



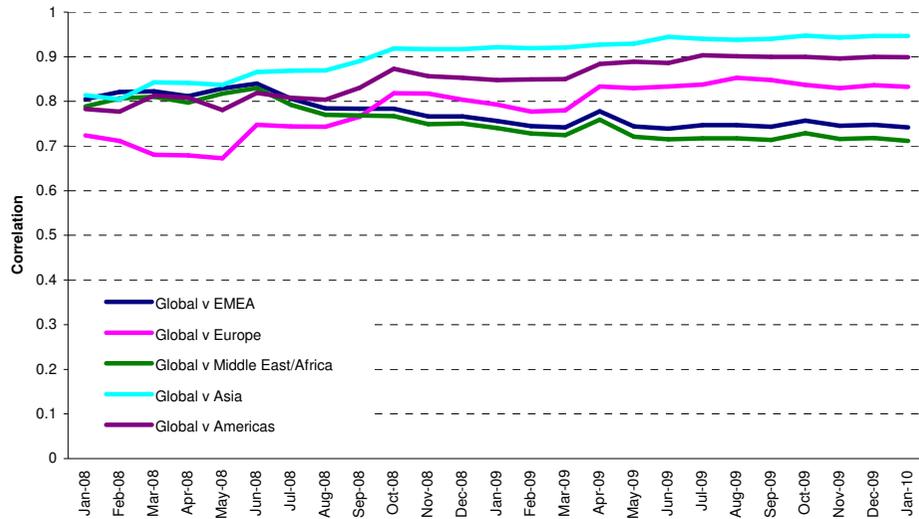
**Graph 93: Rolling 3 Years Risk/Return Profiles Local Currencies - Emerging Markets**



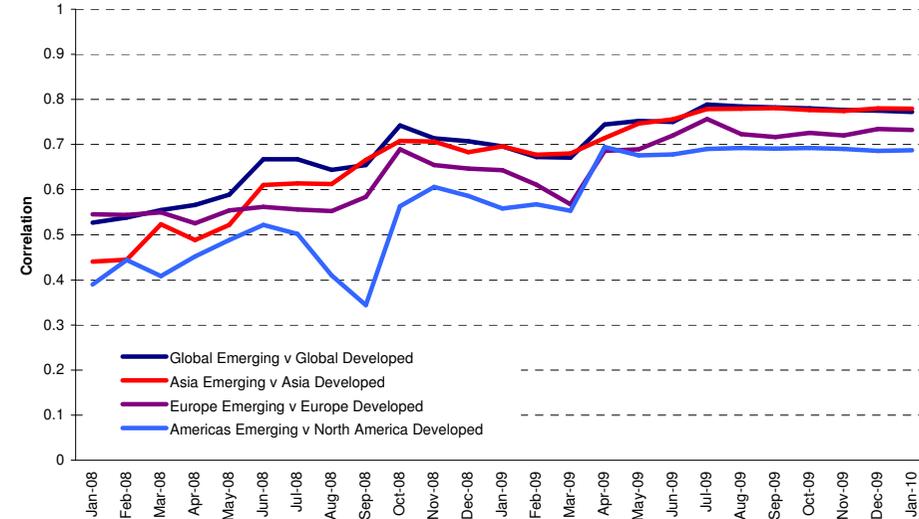
**Graph 94: Seasonality Chart - Emerging Markets**



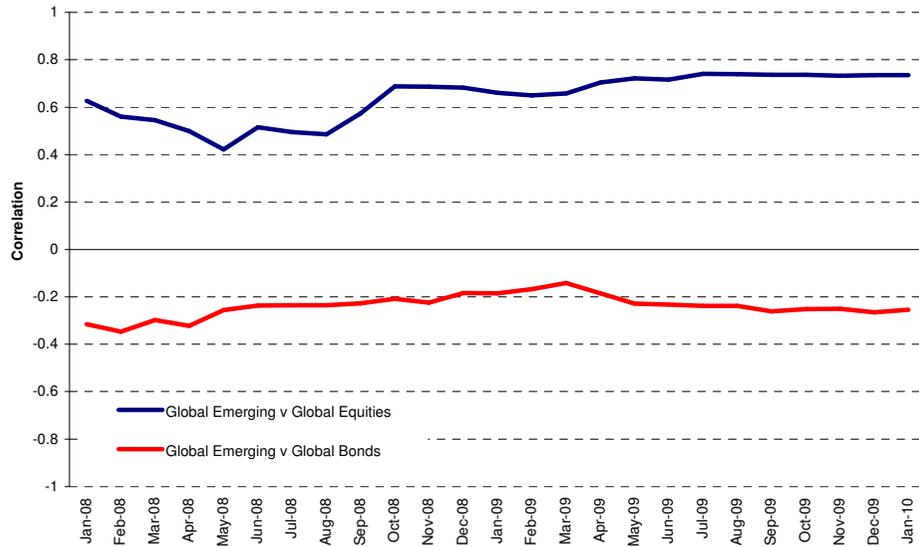
**Graph 95: Global Emerging v Regions 36 Months Asset Class Correlations - Emerging Markets**



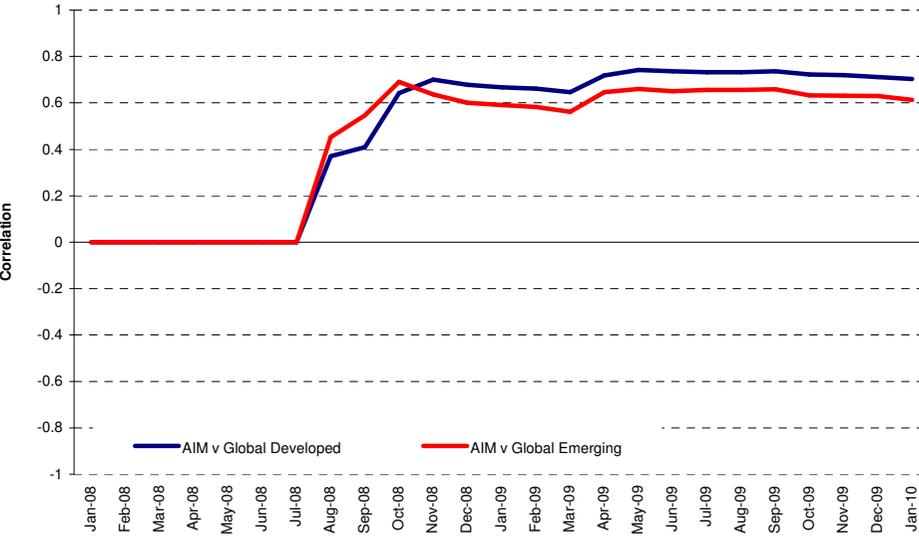
**Graph 96: Global Emerging v Global Developed 36 Months Asset Class Correlations - Emerging Markets**



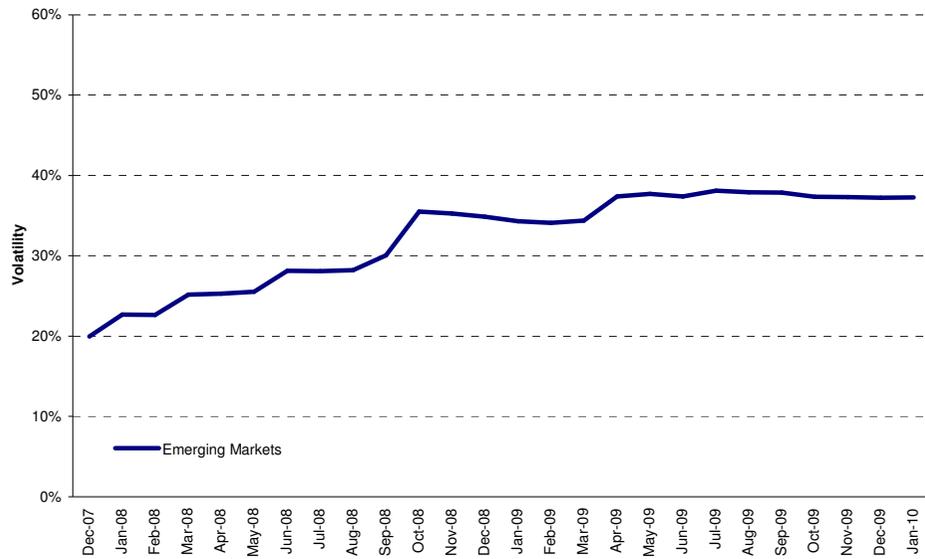
**Graph 97: Global Emerging v Asset Classes 36 Months Asset Class Correlations - Emerging Markets**



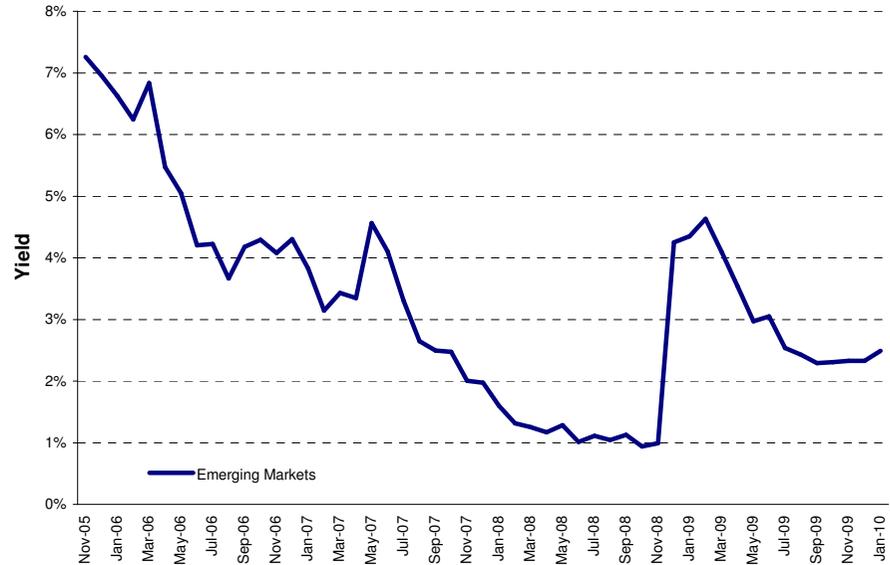
**Graph 98: Global AIM v Global 36 Months Asset Class Correlations - Emerging Markets**



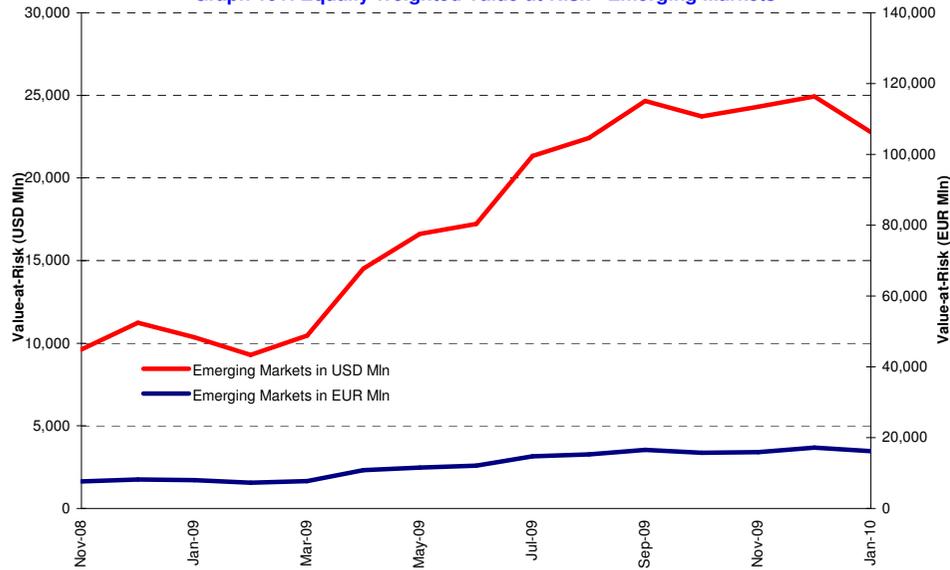
**Graph 99: 36 Months Rolling Volatility - Emerging Markets**



**Graph 100: 12 Months Dividend Yields (Local Currency) - Emerging Markets**



**Graph 101: Equally Weighted Value-at-Risk - Emerging Markets**



**Graph 102: Candlesticks - Emerging Markets**



**Section 6**  
**Individual Countries \***

**\* This section contains selected country graphs. Other graphs and graphs for other countries are available upon request.**

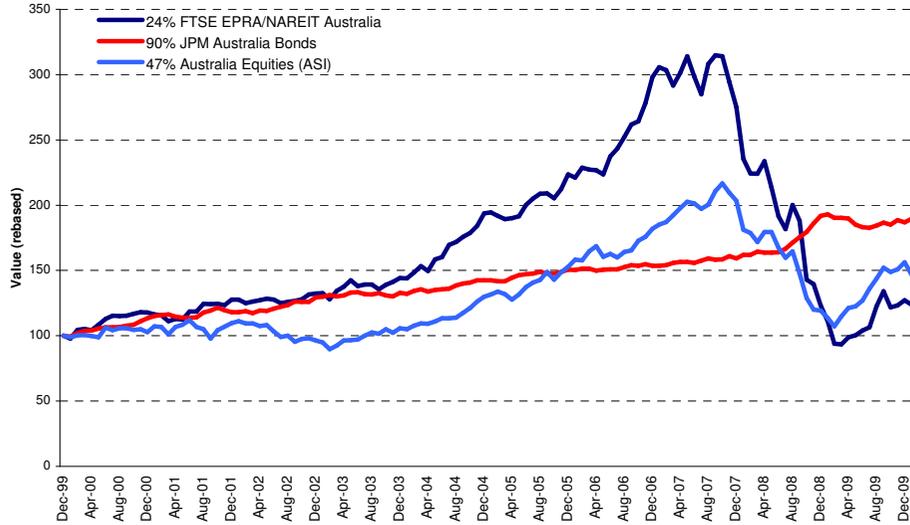
Version: January 2010

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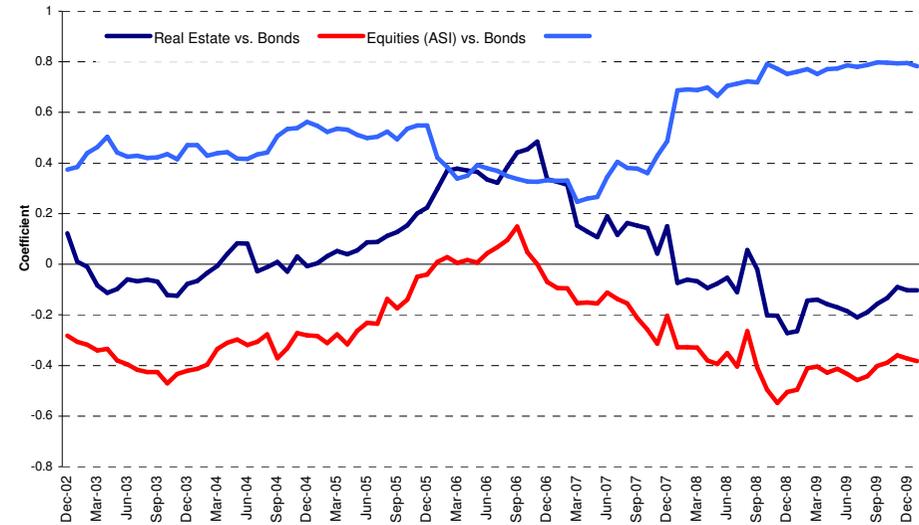
## Section 6.1

### Australia

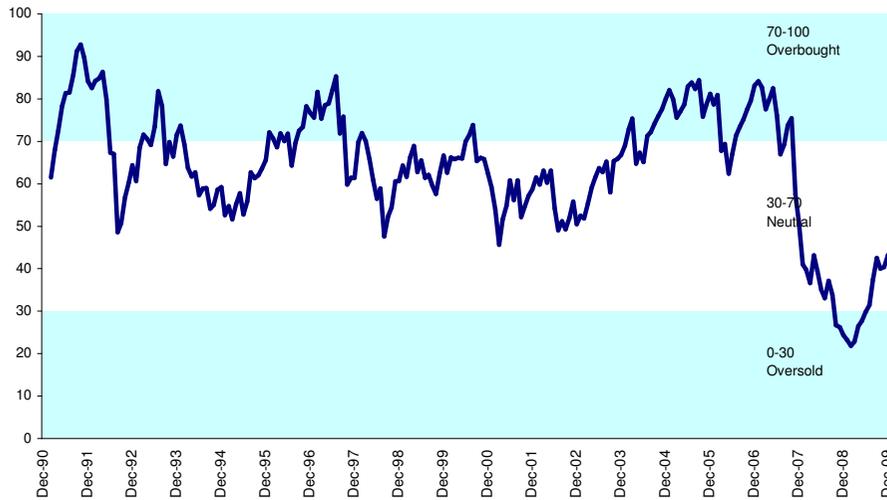
**Graph 103: Bonds, Equities & Real Estate - Australia**



**Graph 104: Asset Classes Correlations - Australia**



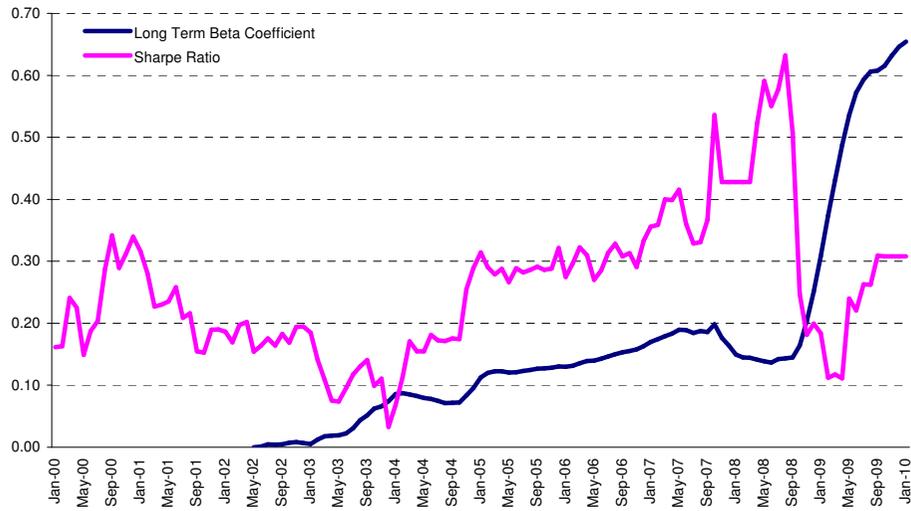
**Graph 105: Relative Strength Indicator - Australia**



**Graph 106: 12 Months Dividend Yields - Australia**



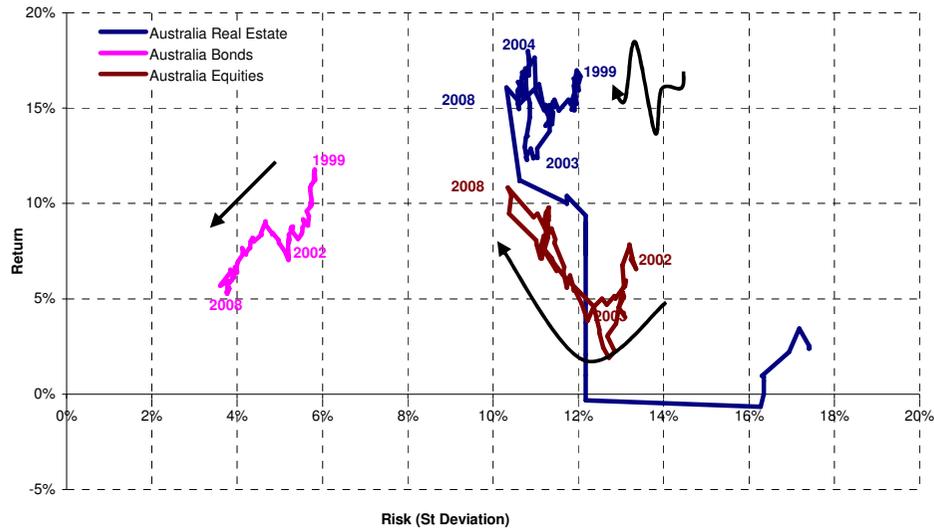
**Graph 107: Long Term Beta Coefficient & Sharpe Ratio - Australia**



**Graph 108: Equally Weighted Value-at-Risk - Australia**



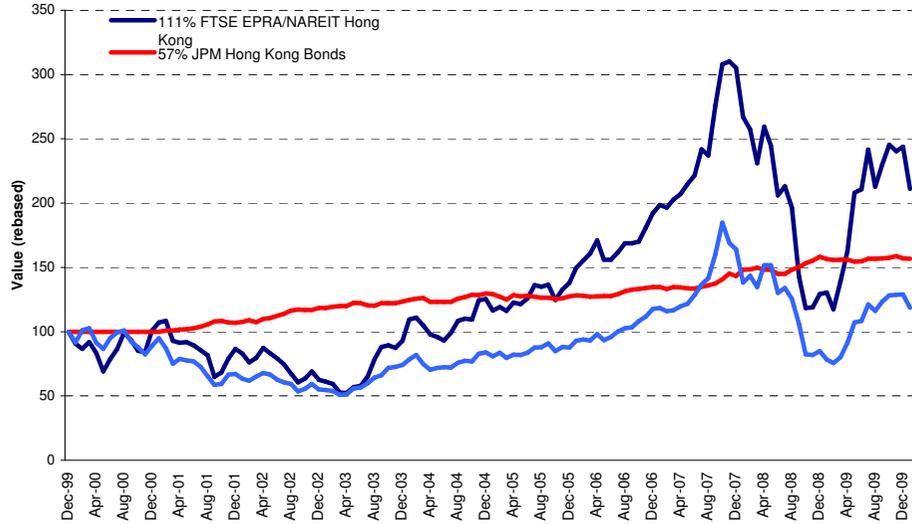
**Graph 109: Rolling 10 Years Risk/Return Profiles - Australia**



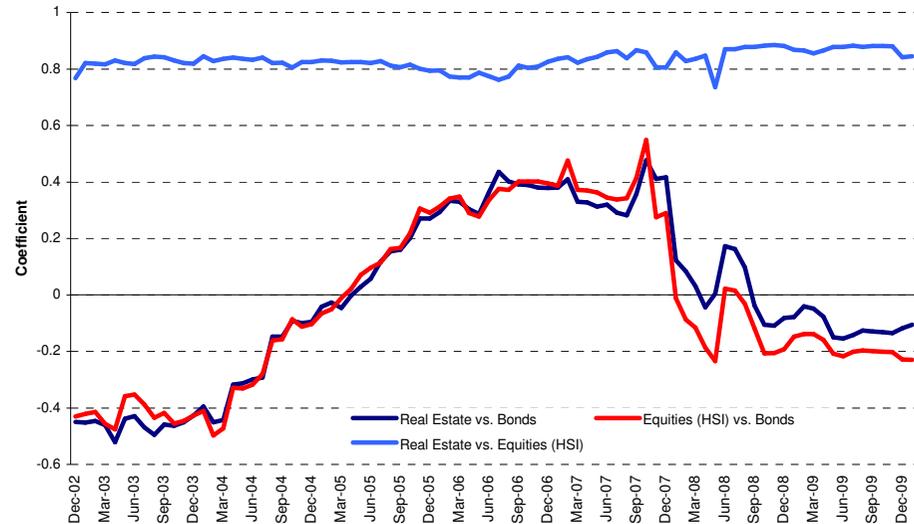
## Section 6.2

### Hong Kong

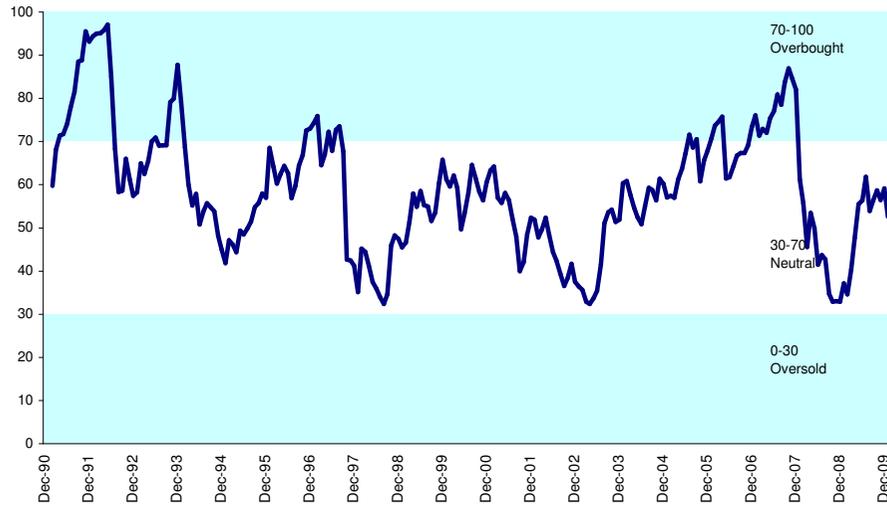
**Graph 110: Bonds, Equities & Real Estate - Hong Kong**



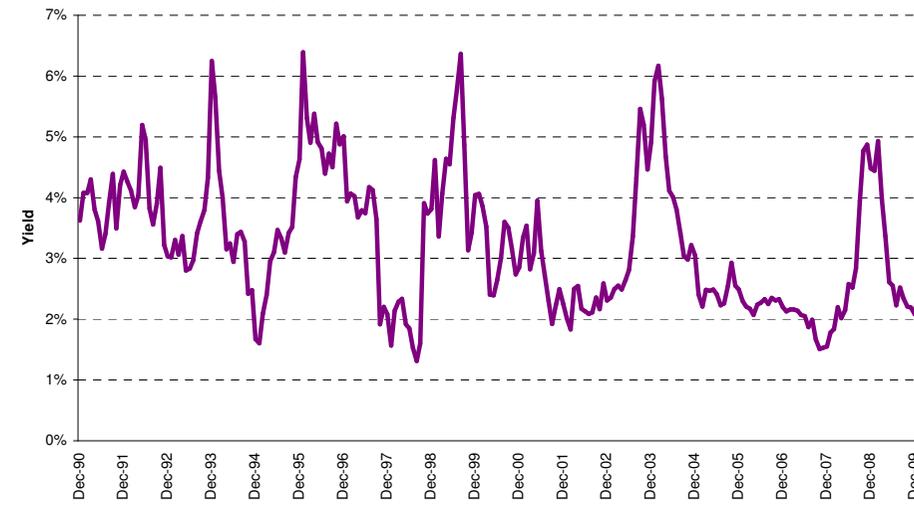
**Graph 111: Asset Classes Correlations - Hong Kong**



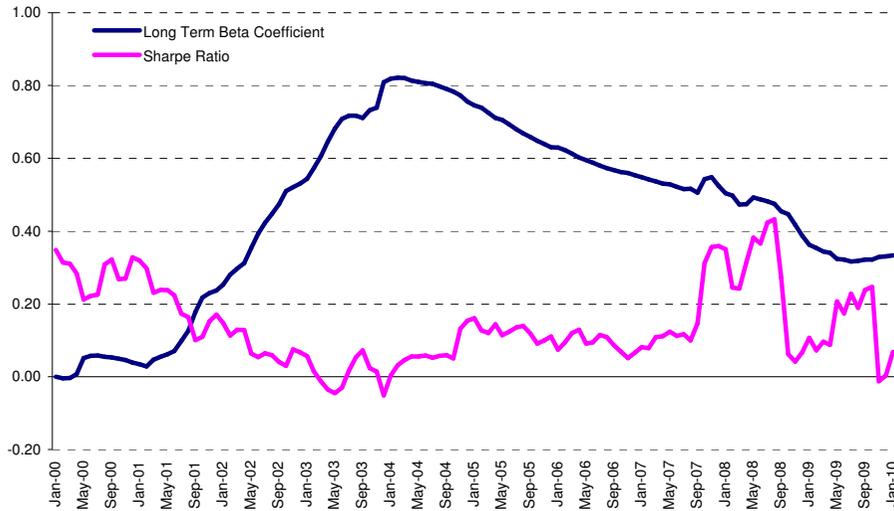
**Graph 112: Relative Strength Indicator - Hong Kong**



**Graph 113: 12 Months Dividend Yields - Hong Kong**



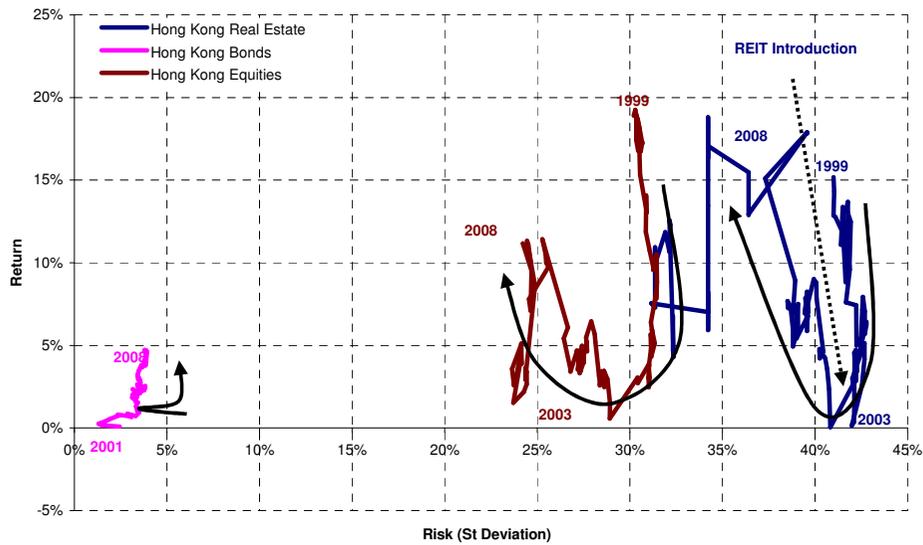
**Graph 114: Long Term Beta Coefficient & Sharpe Ratio - Hong Kong**



**Graph 115: Equally Weighted Value-at-Risk - Hong Kong**



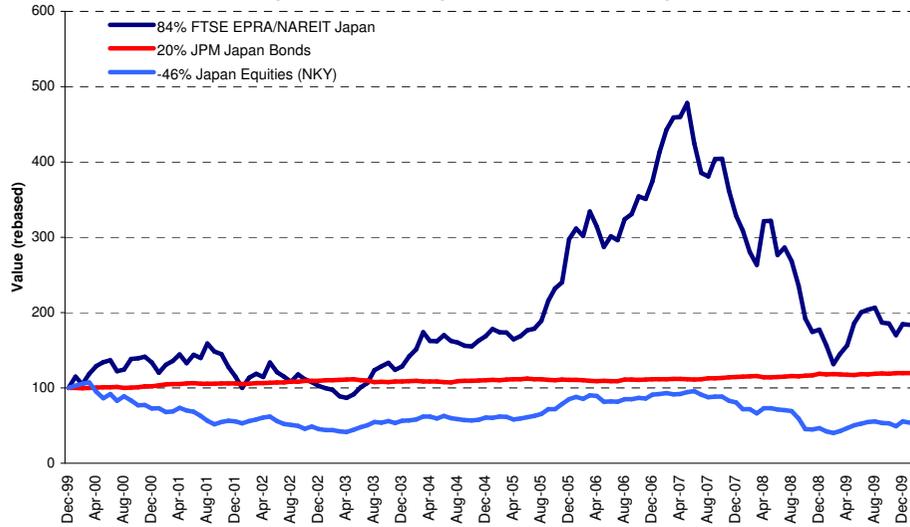
**Graph 116: Rolling 10 Years Risk/Return Profiles - Hong Kong**



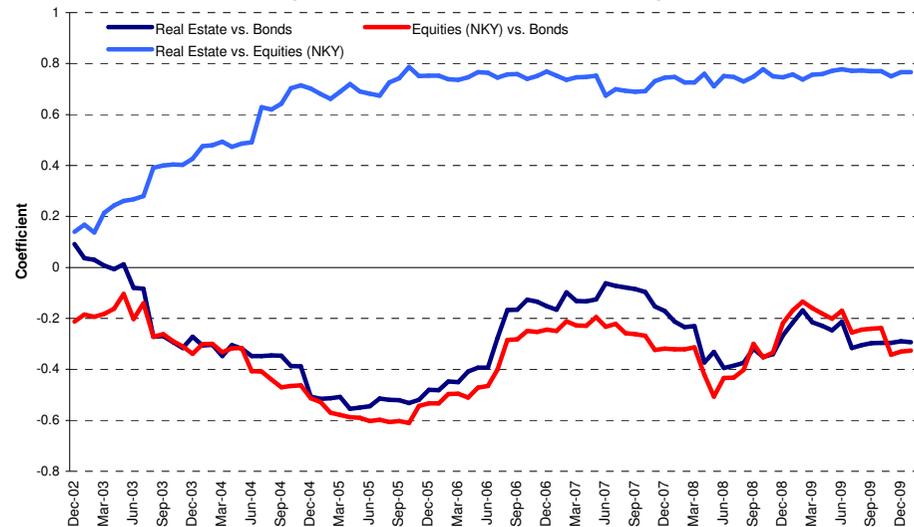
## Section 6.3

### Japan

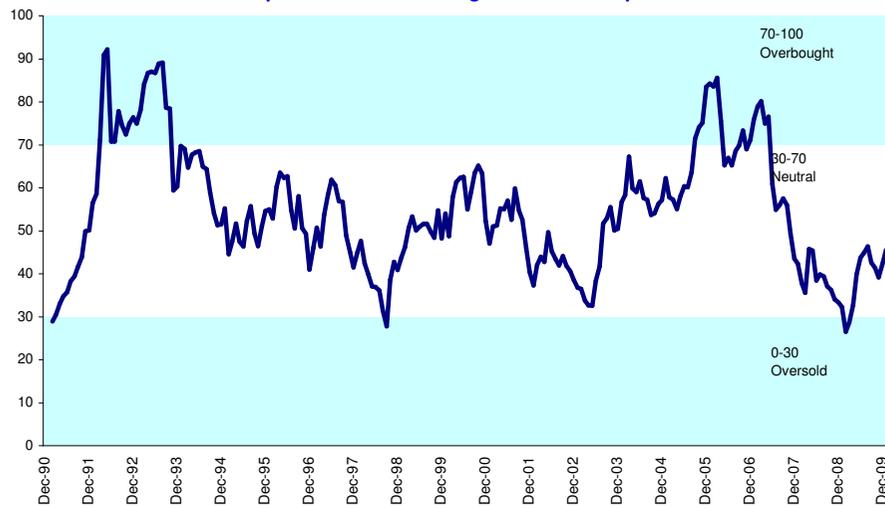
**Graph 117: Bonds, Equities & Real Estate - Japan**



**Graph 118: Asset Classes Correlations - Japan**



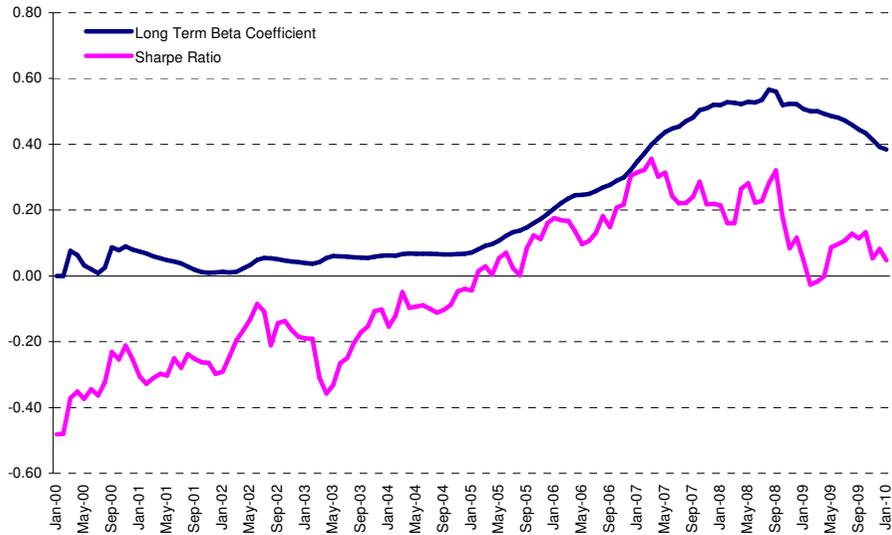
**Graph 119: Relative Strength Indicator - Japan**



**Graph 120: 12 Months Dividend Yields - Japan**



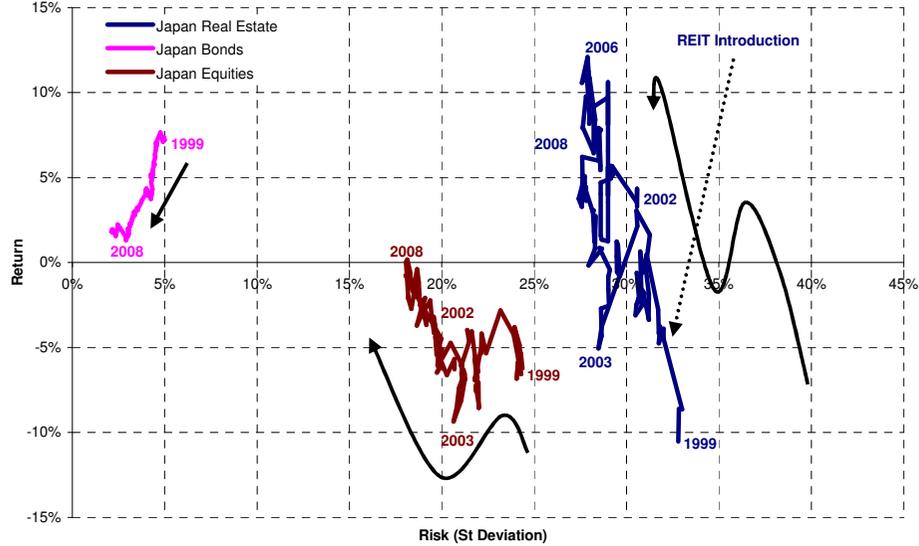
**Graph 121: Long Term Beta Coefficient & Sharpe Ratio - Japan**



**Graph 122: Equally Weighted Value-at-Risk - Japan**



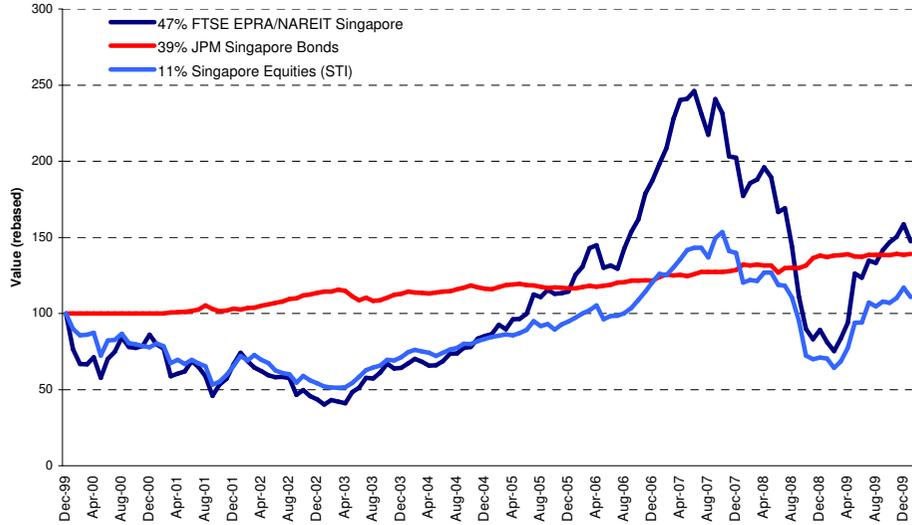
**Graph 123: Rolling 10 Years Risk/Return Profiles - Japan**



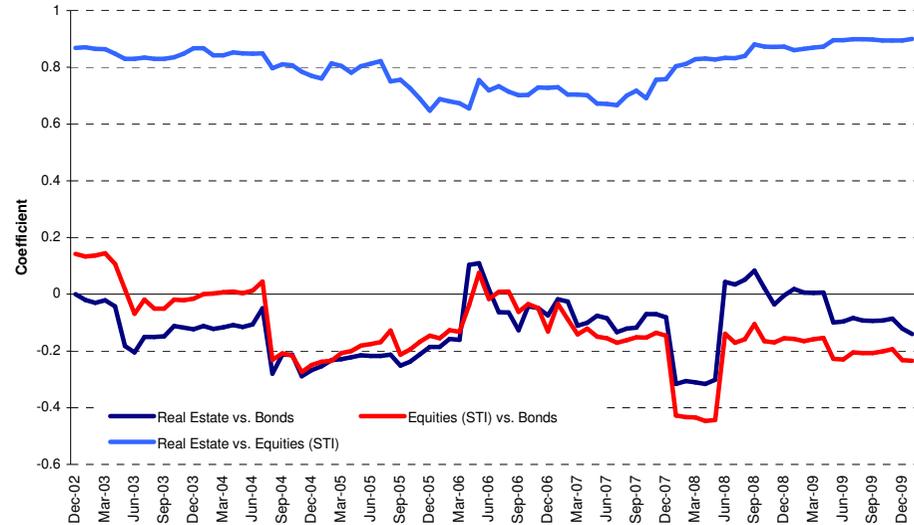
## Section 6.4

### Singapore

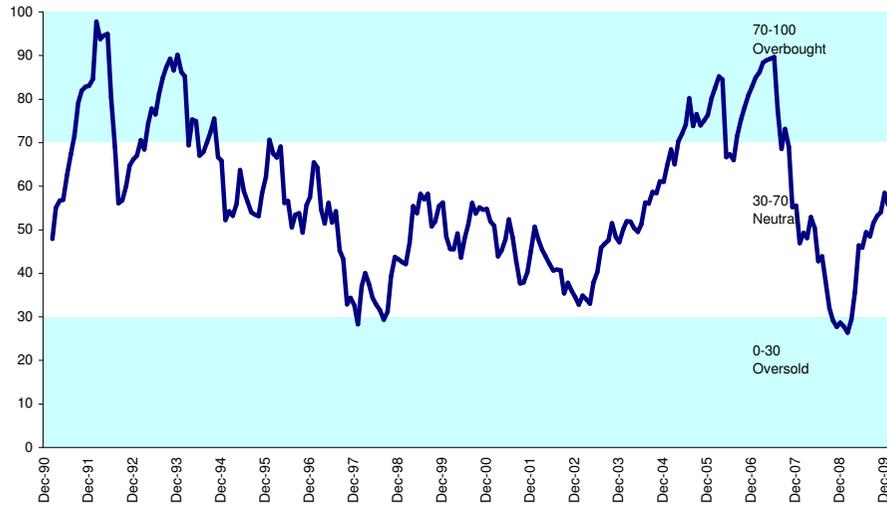
**Graph 124: Bonds, Equities & Real Estate - Singapore**



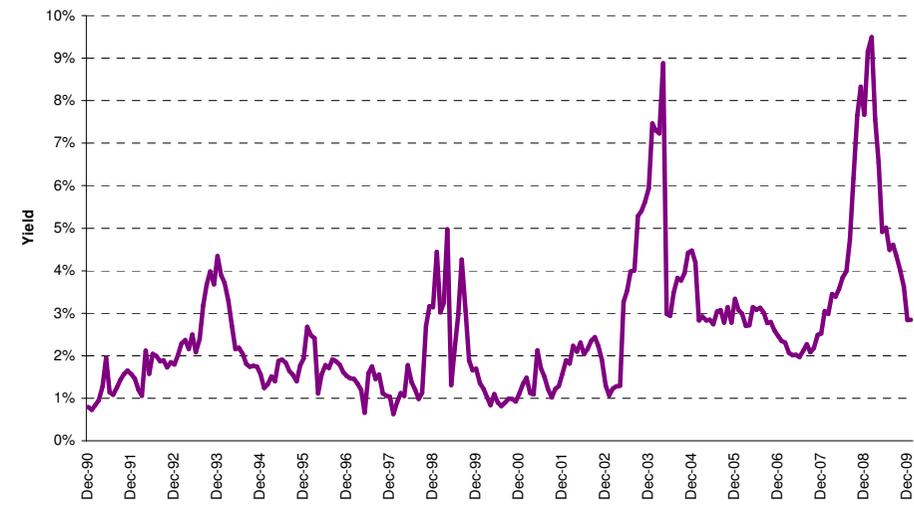
**Graph 125: Asset Classes Correlations - Singapore**



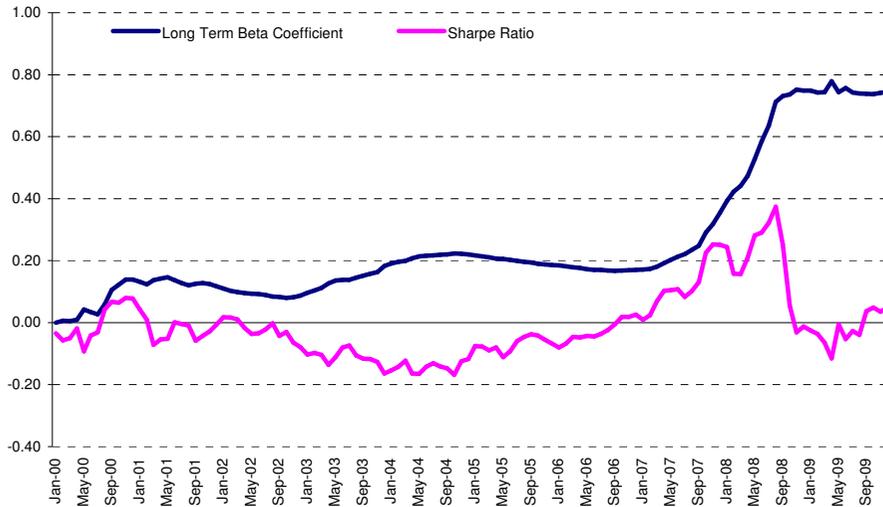
**Graph 126: Relative Strength Indicator - Singapore**



**Graph 127: 12 Months Dividend Yields - Singapore**



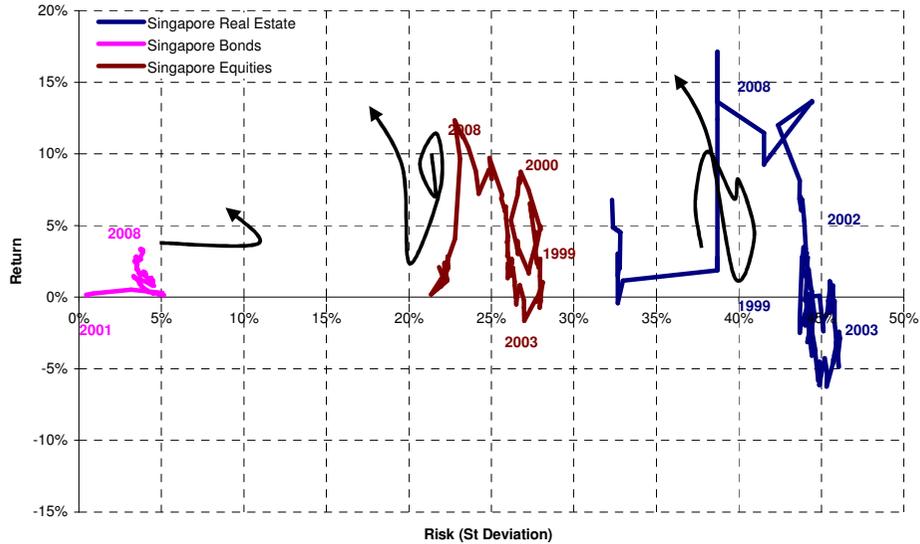
**Graph 128: Long Term Beta Coefficient & Sharpe Ratio - Singapore**



**Graph 129: Equally Weighted Value-at-Risk - Singapore**



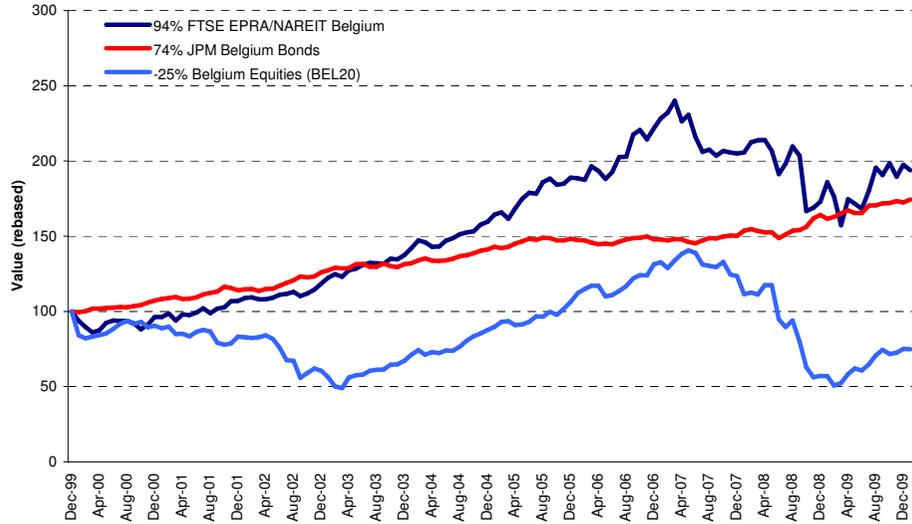
**Graph 130: Rolling 10 Years Risk/Return Profiles - Singapore**



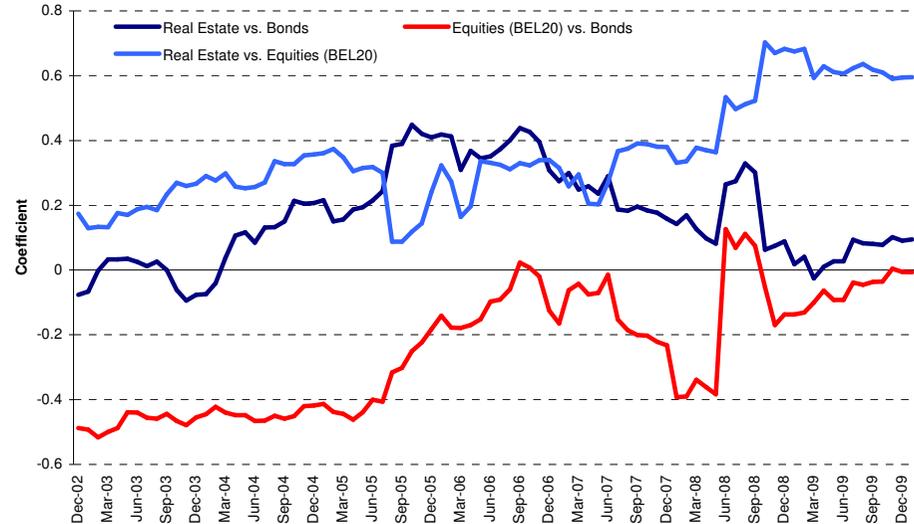
## Section 6.5

### Belgium

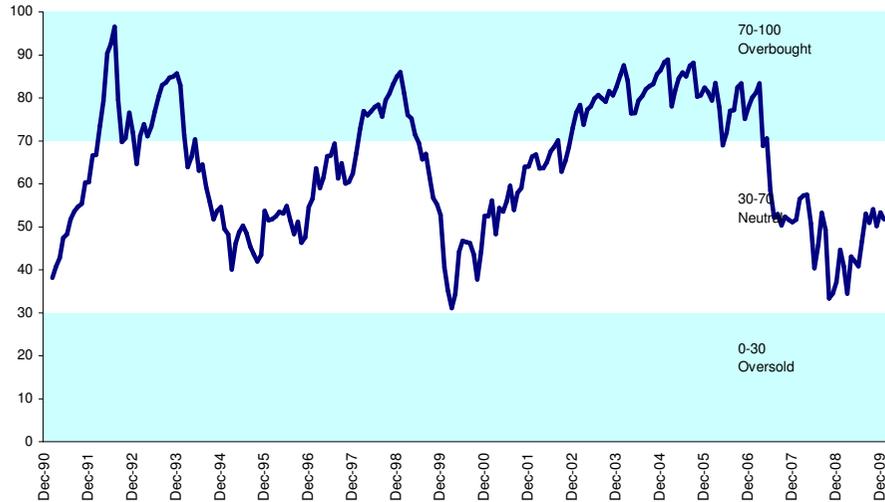
**Graph 131: Bonds, Equities & Real Estate - Belgium**



**Graph 132: Asset Classes Correlations - Belgium**



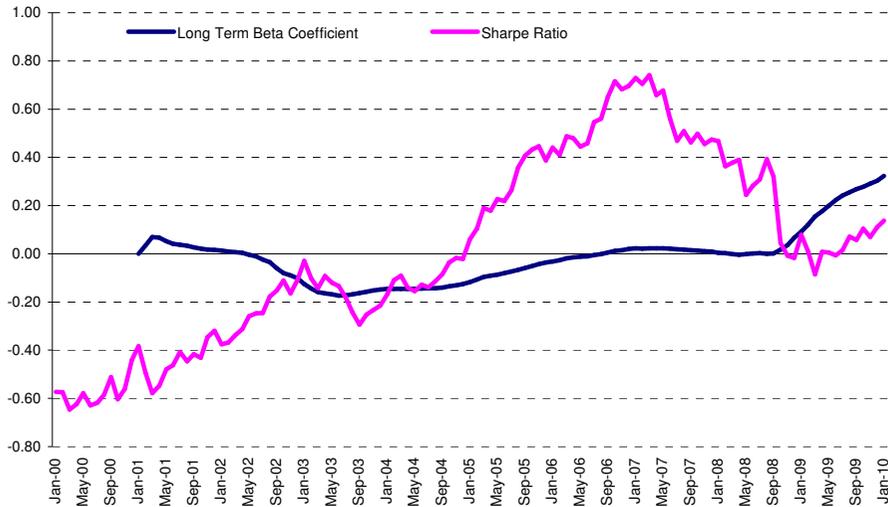
**Graph 133: Relative Strength Indicator - Belgium**



**Graph 134: 12 Months Dividend Yields - Belgium**



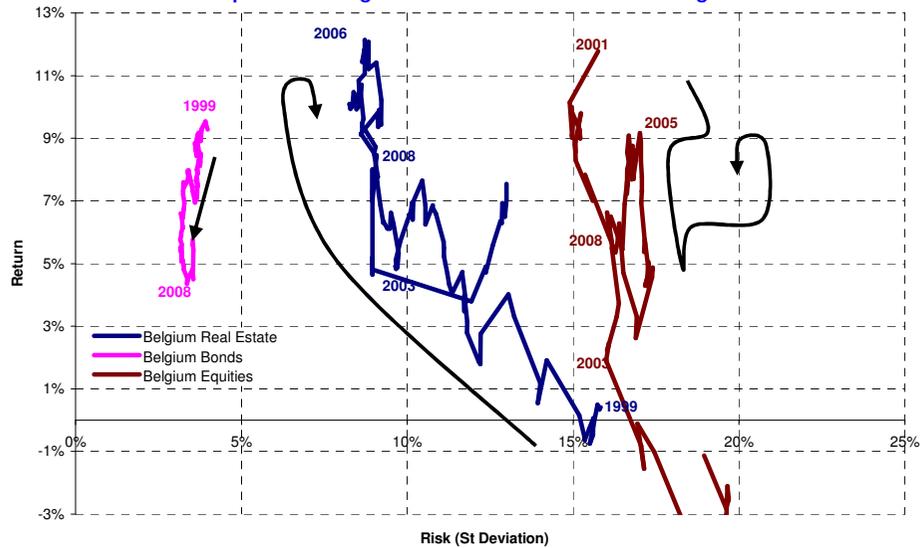
**Graph 135: Long Term Beta Coefficient & Sharpe Ratio - Belgium**



**Graph 136: Equally Weighted Value-at-Risk - Belgium**



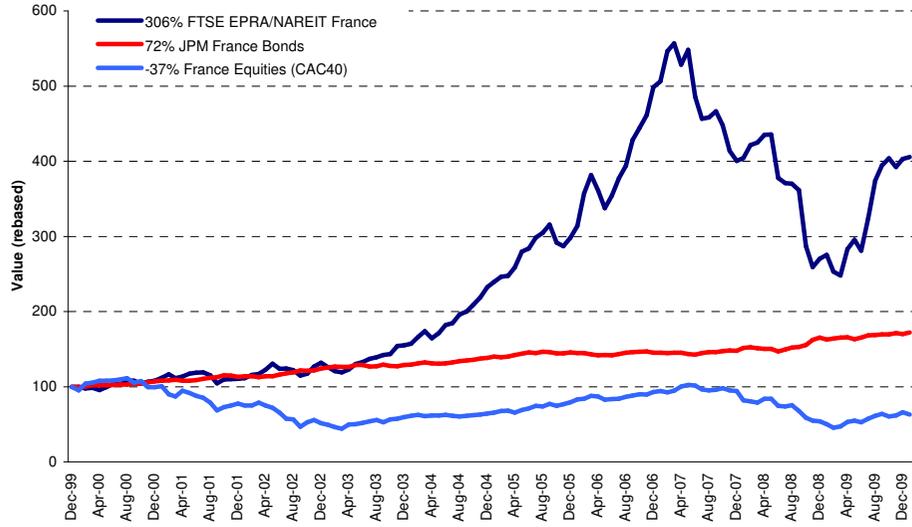
**Graph 137: Rolling 10 Years Risk/Return Profiles - Belgium**



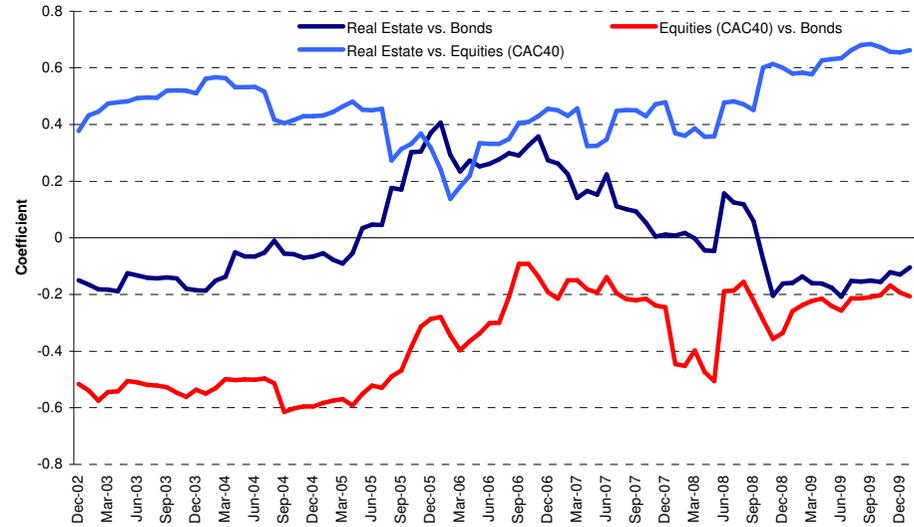
## Section 6.6

### France

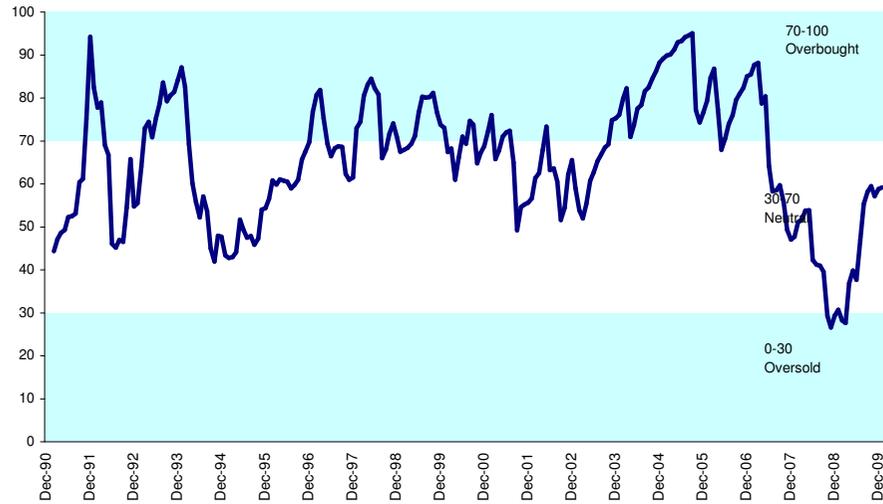
**Graph 138: Bonds, Equities & Real Estate - France**



**Graph 139: Asset Classes Correlations - France**



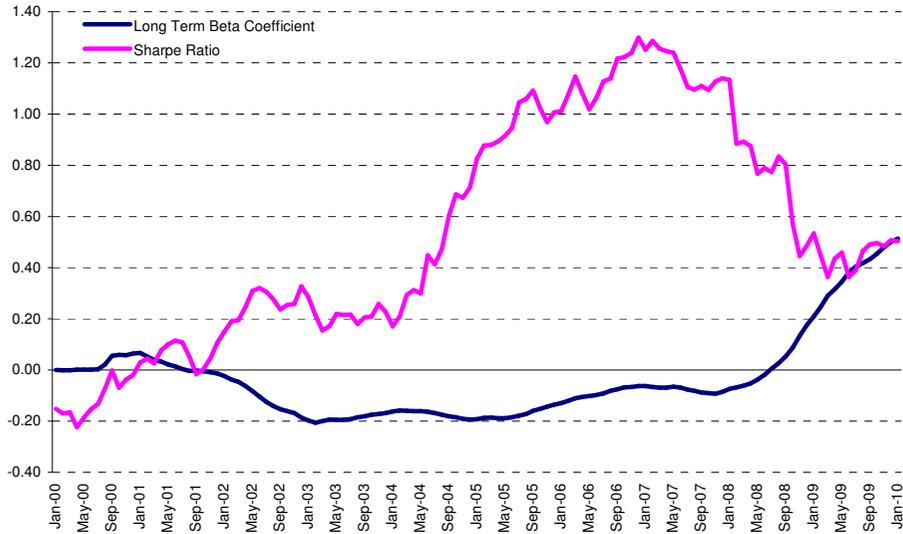
**Graph 140: Relative Strength Indicator - France**



**Graph 141: 12 Months Dividend Yields - France**



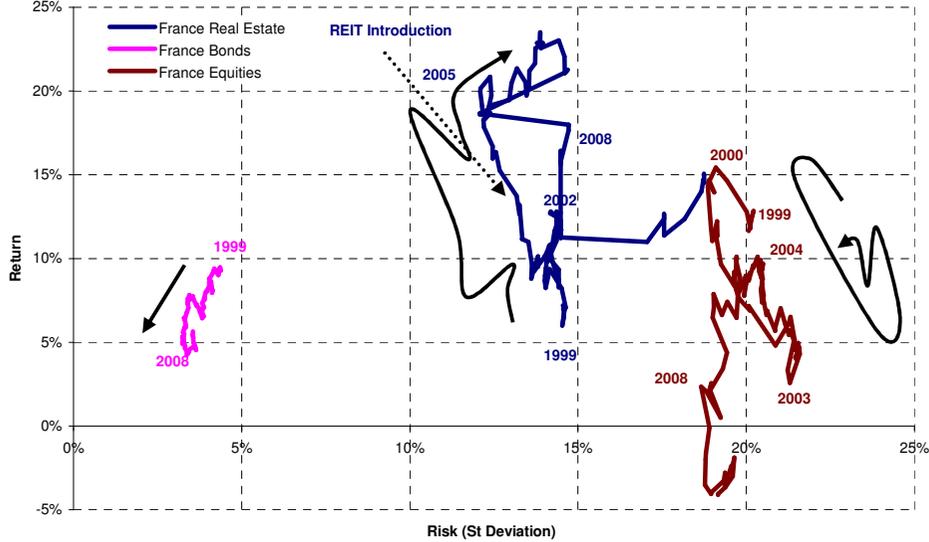
**Graph 142: Long Term Beta Coefficient & Sharpe Ratio - France**



**Graph 143: Equally Weighted Value-at-Risk - France**



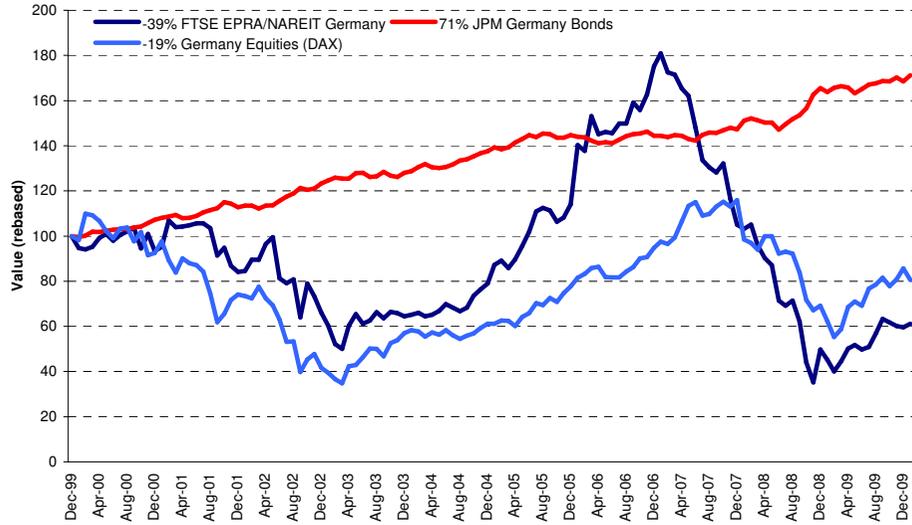
**Graph 144: Rolling 10 Years Risk/Return Profiles - France**



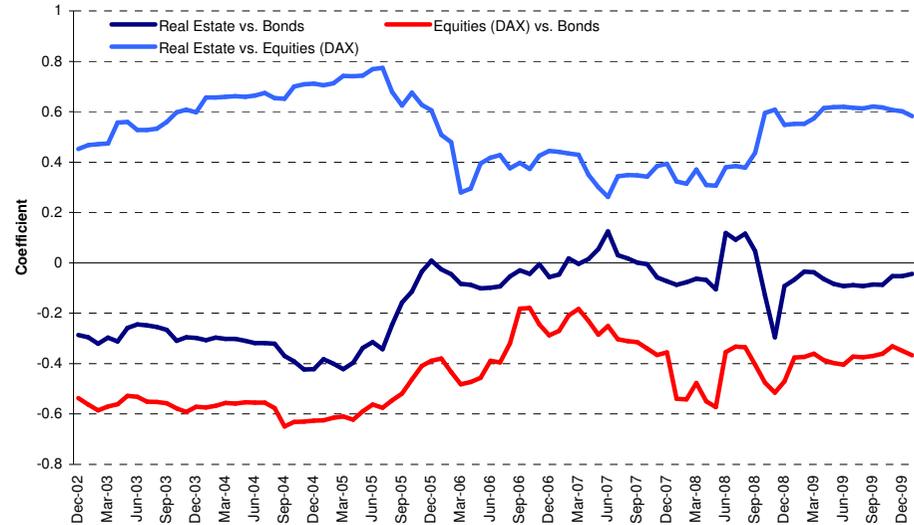
## Section 6.7

### Germany

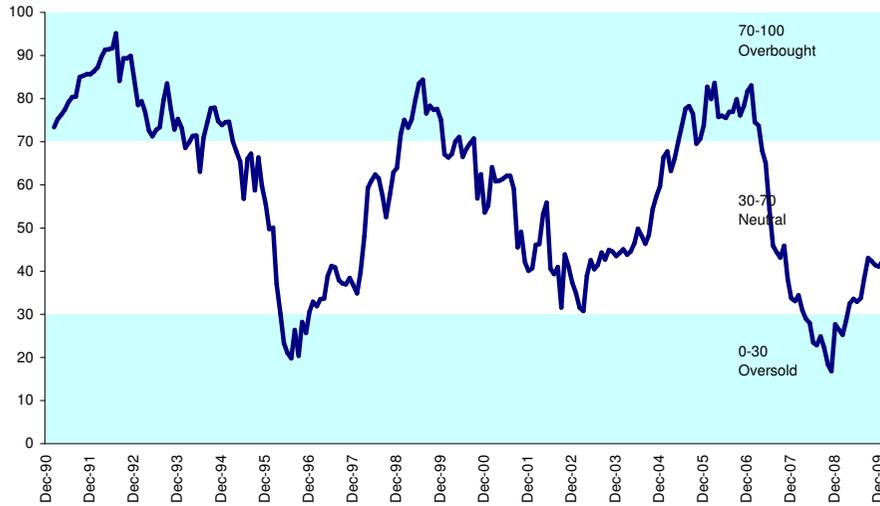
**Graph 145: Bonds, Equities & Real Estate - Germany**



**Graph 146: Asset Classes Correlations - Germany**



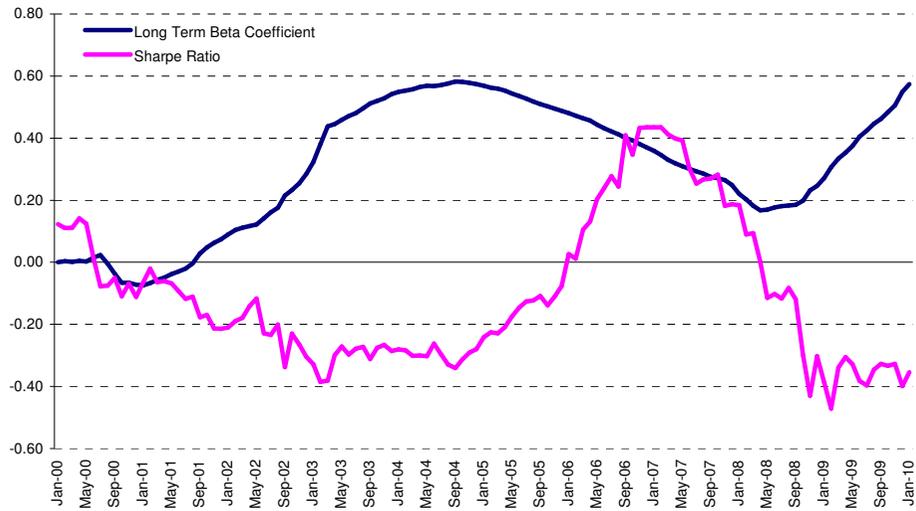
**Graph 147: Relative Strength Indicator - Germany**



**Graph 148: 12 Months Dividend Yields - Germany**



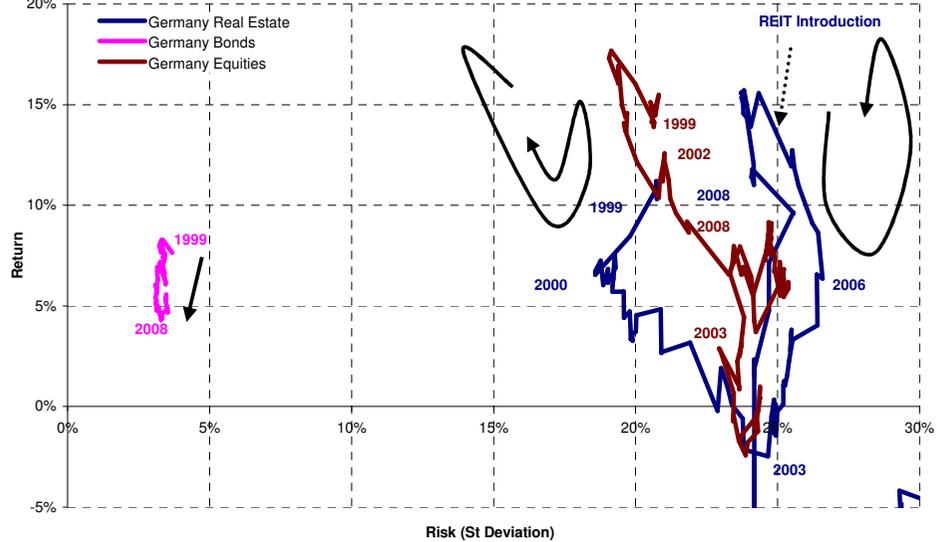
**Graph 149: Long Term Beta Coefficient & Sharpe Ratio - Germany**



**Graph 150: Equally Weighted Value-at-Risk - Germany**



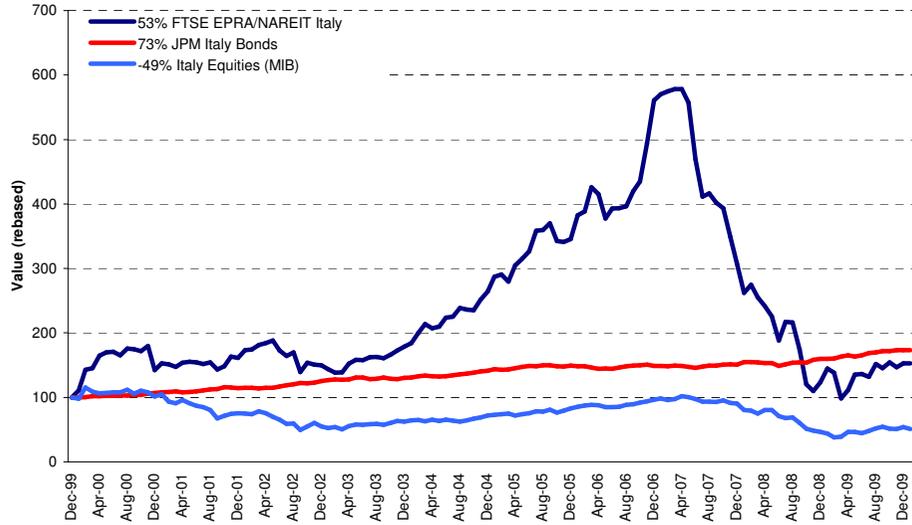
**Graph 151: Rolling 10 Years Risk/Return Profiles - Germany**



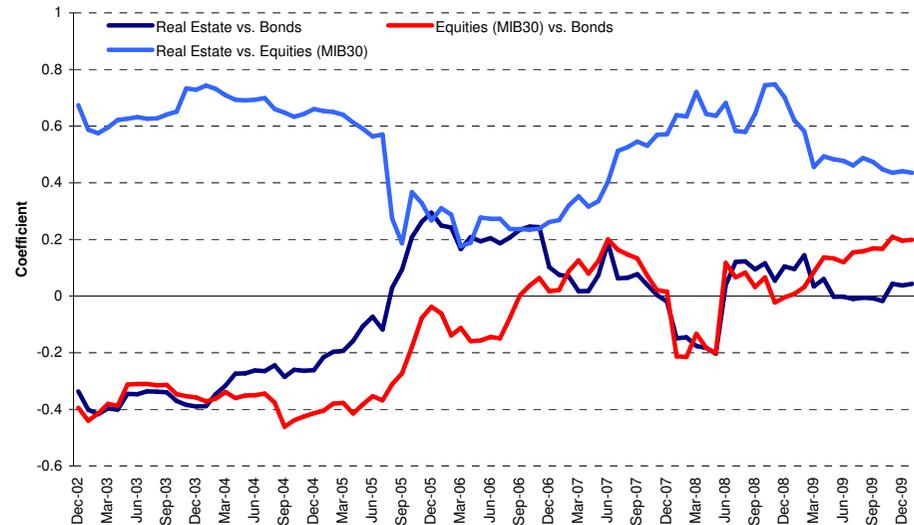
## Section 6.8

### Italy

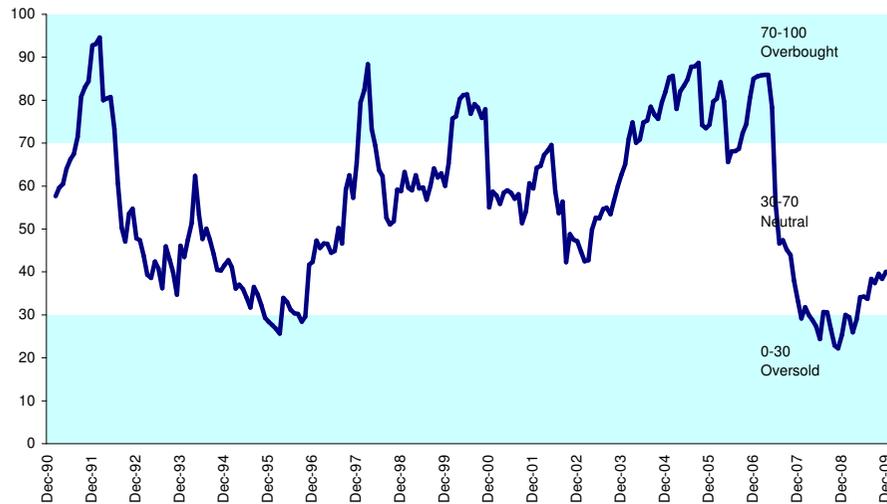
**Graph 152: Bonds, Equities & Real Estate - Italy**



**Graph 153: Asset Classes Correlations - Italy**



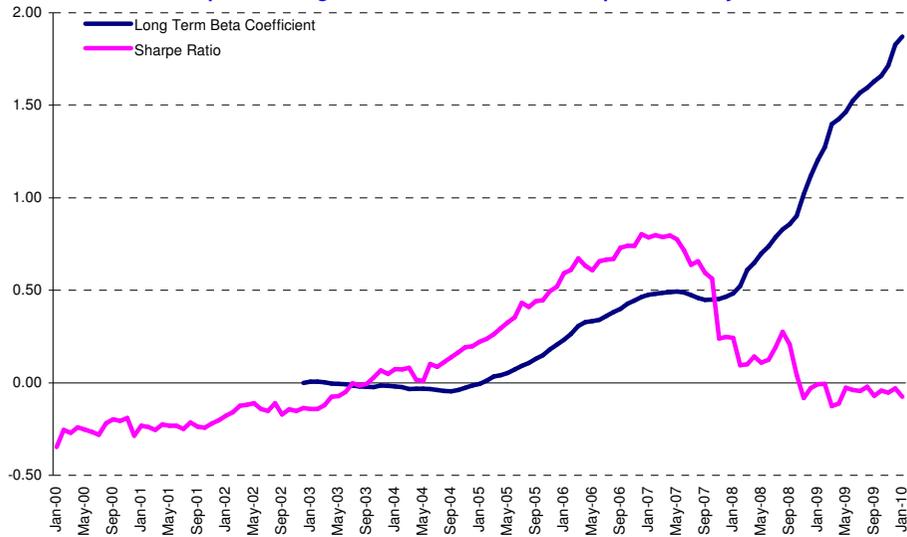
**Graph 154: Relative Strength Indicator - Italy**



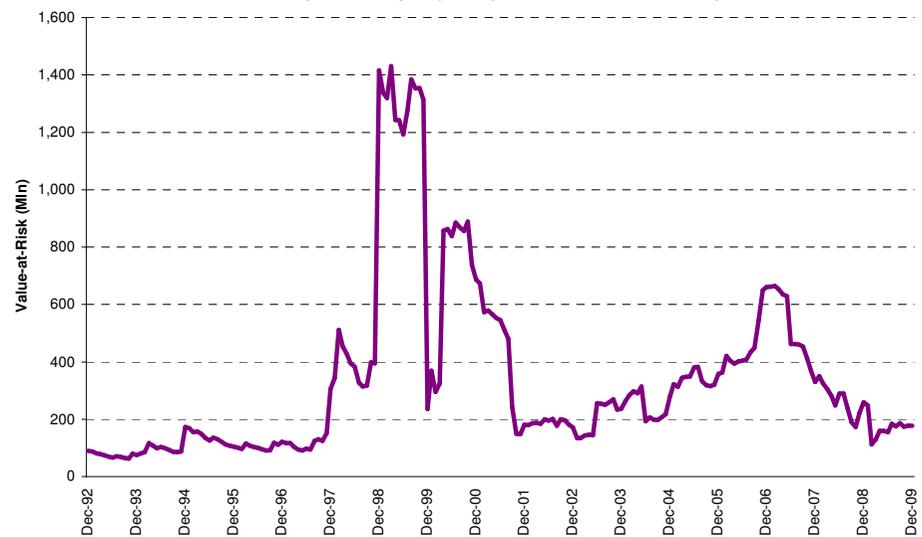
**Graph 155: 12 Months Dividend Yields - Italy**



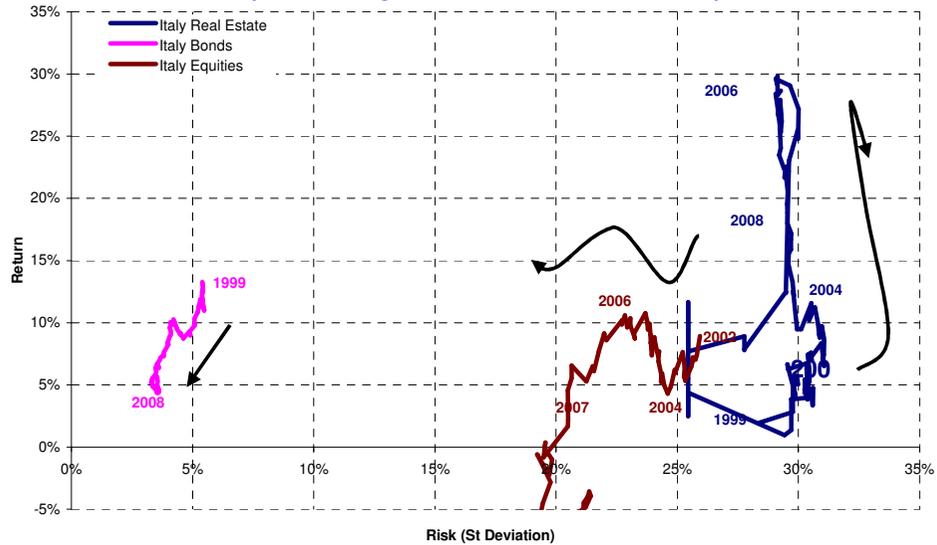
**Graph 156: Long Term Beta Coefficient & Sharpe Ratio - Italy**



**Graph 157: Equally Weighted Value-at-Risk - Italy**



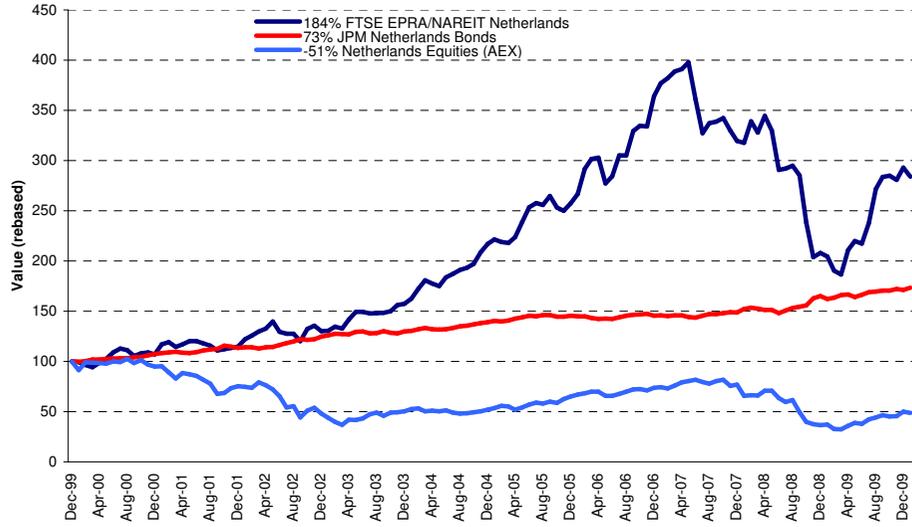
**Graph 158: Rolling 10 Years Risk/Return Profiles - Italy**



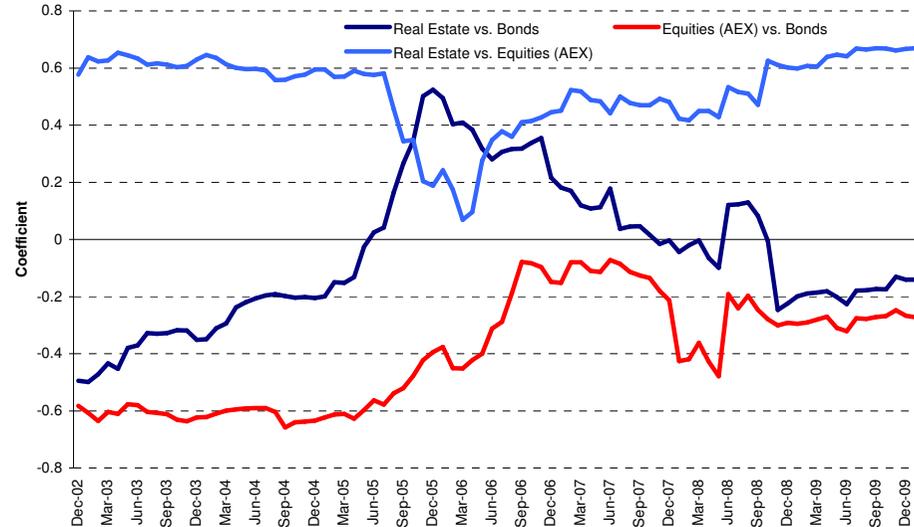
## Section 6.9

### Netherlands

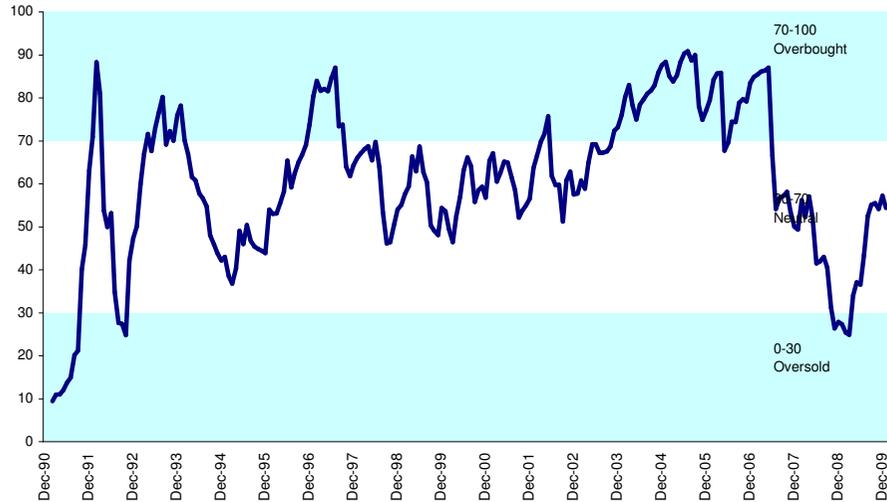
**Graph 159: Bonds, Equities & Real Estate - Netherlands**



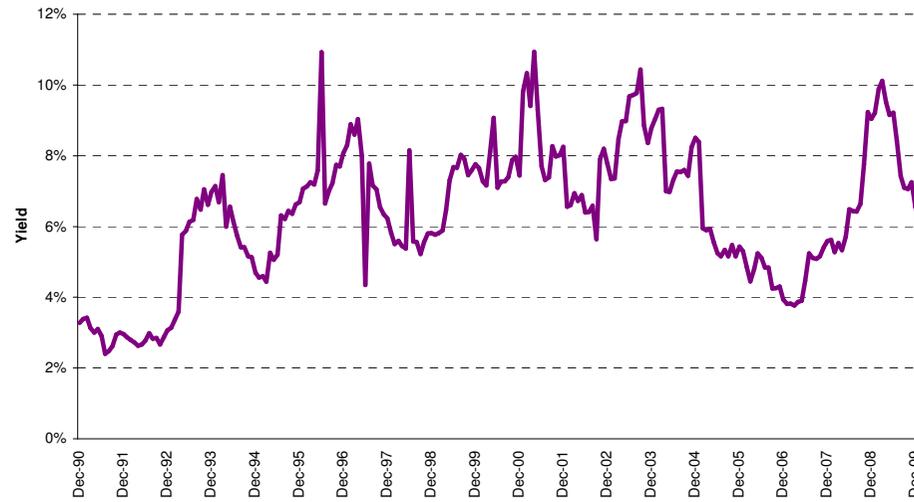
**Graph 160: Asset Classes Correlations - Netherlands**



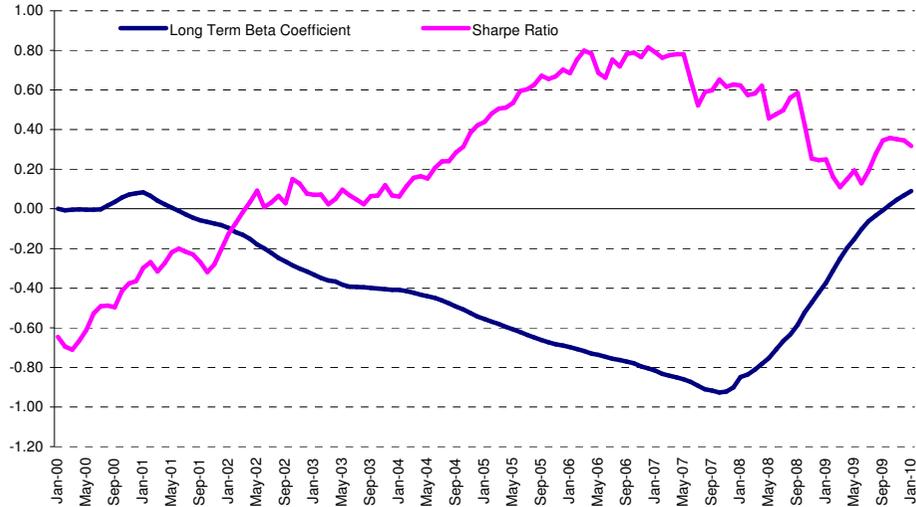
**Graph 161: Relative Strength Indicator - Netherlands**



**Graph 162: 12 Months Dividend Yields - Netherlands**



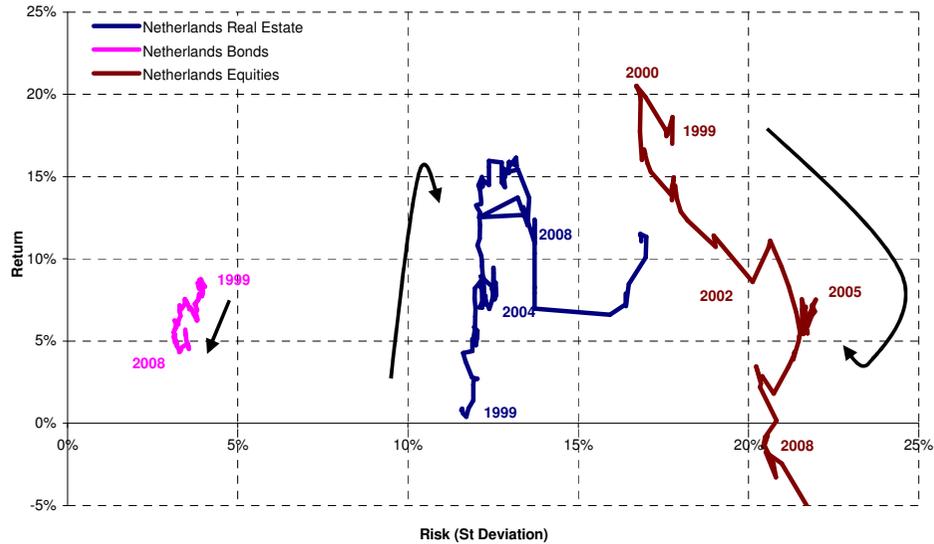
**Graph 163: Long Term Beta Coefficient & Sharpe Ratio - Netherlands**



**Graph 164: Equally Weighted Value-at-Risk - Netherlands**



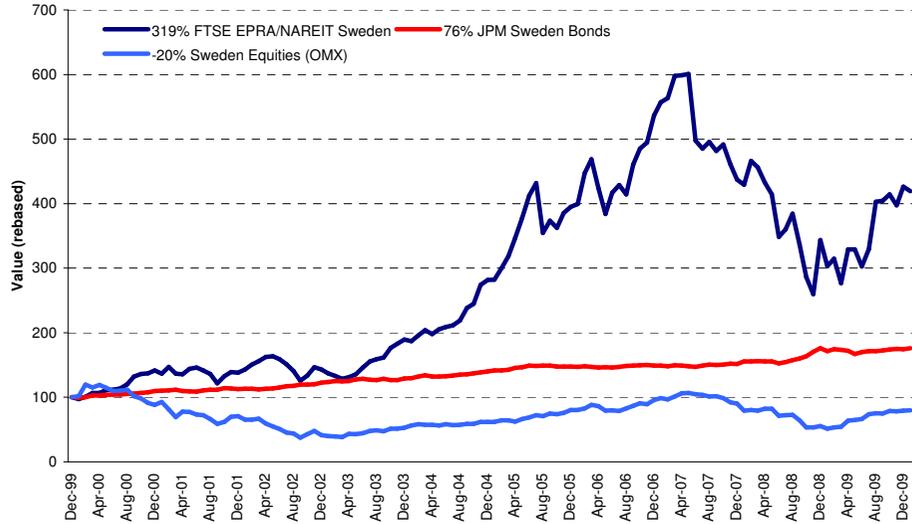
**Graph 165: Rolling 10 Years Risk/Return Profiles - Netherlands**



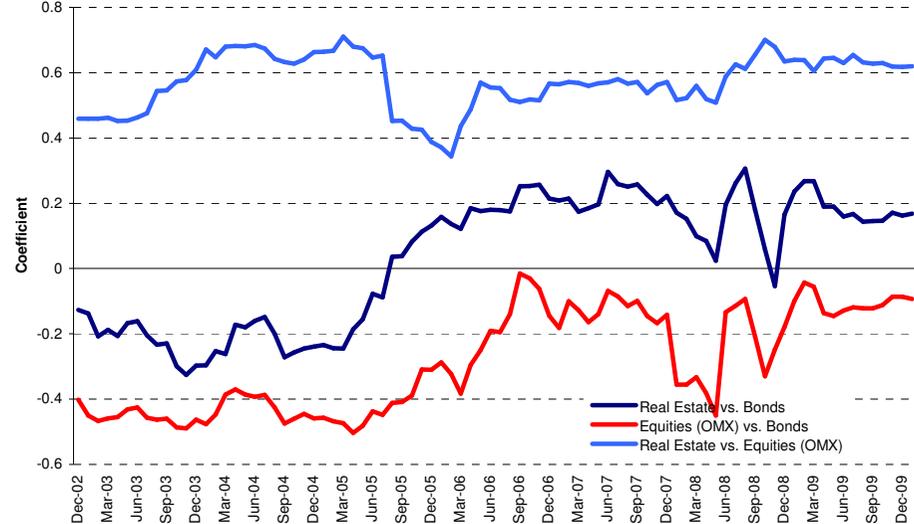
## Section 6.10

### Sweden

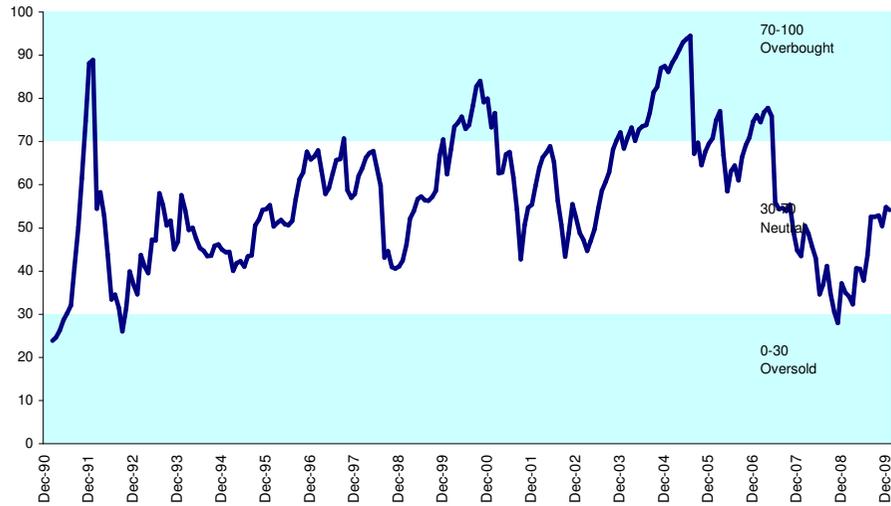
**Graph 166: Bonds, Equities & Real Estate - Sweden**



**Graph 167: Asset Classes Correlations - Sweden**



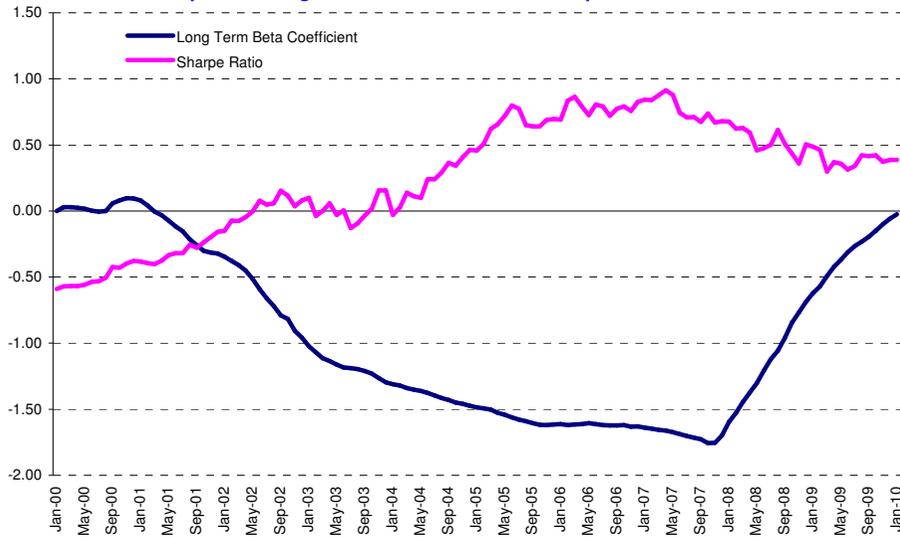
**Graph 168: Relative Strength Indicator - Sweden**



**Graph 169: 12 Months Dividend Yields - Sweden**



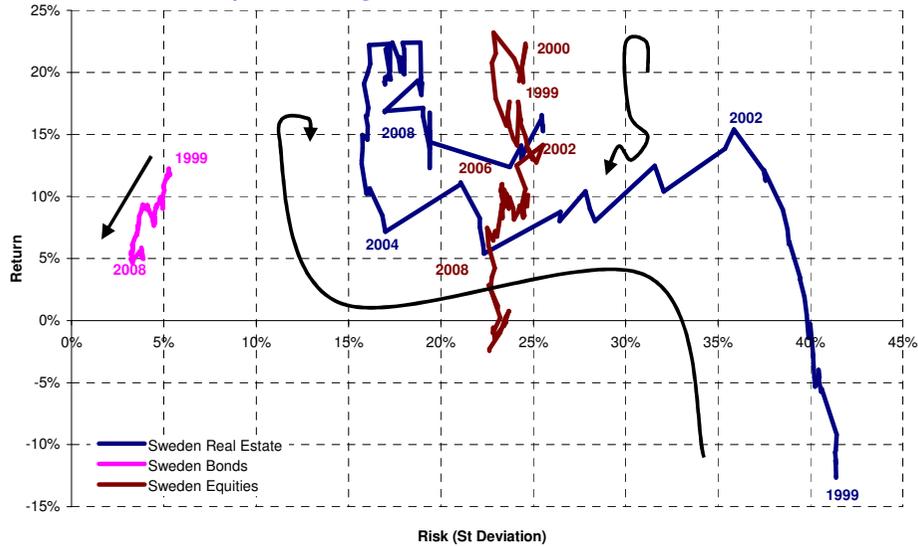
**Graph 170: Long Term Beta Coefficient & Sharpe Ratio - Sweden**



**Graph 171: Equally Weighted Value-at-Risk - Sweden**

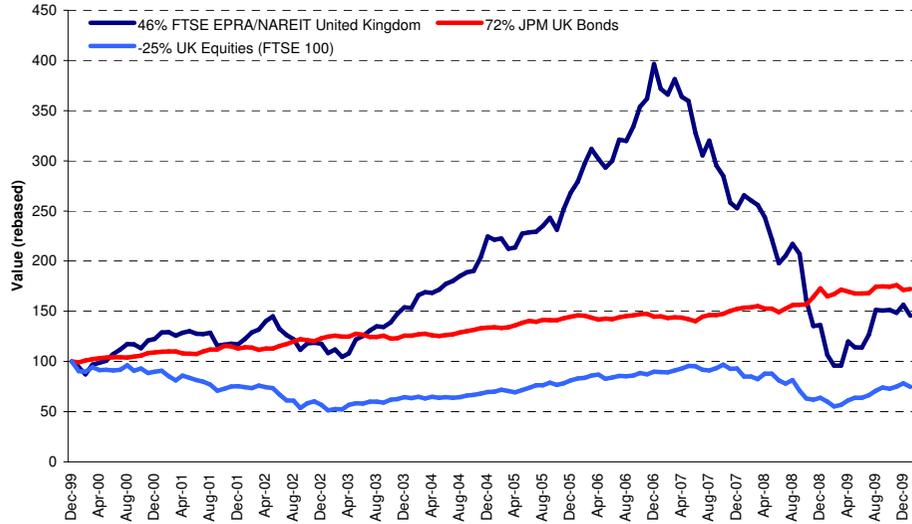


**Graph 172: Rolling 10 Years Risk/Return Profiles - Sweden**

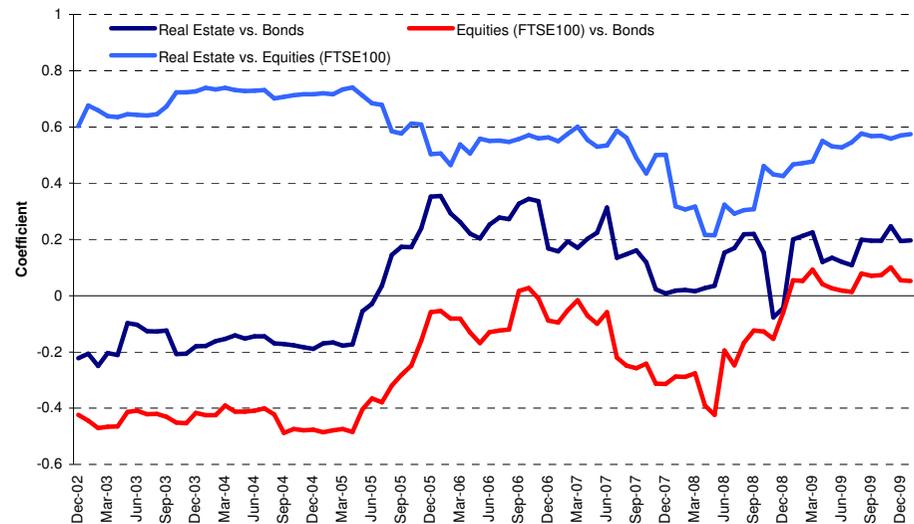


**Section 6.11**  
**United Kingdom**

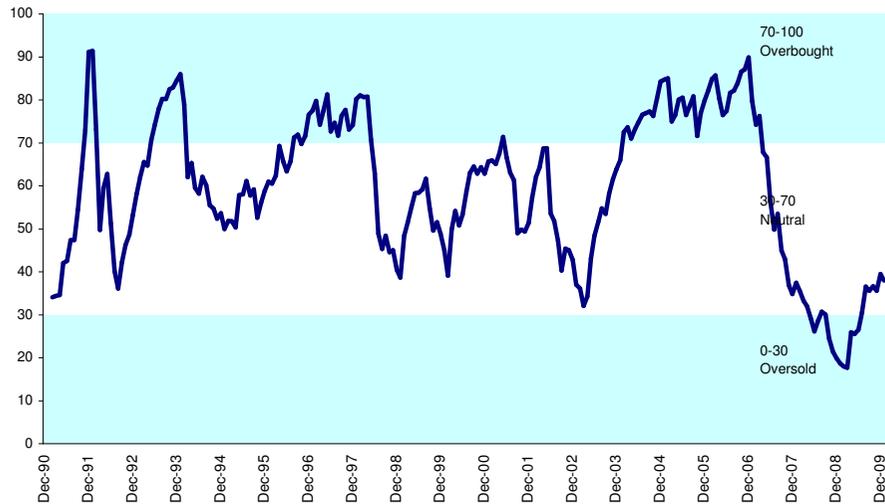
**Graph 173: Bonds, Equities & Real Estate - United Kingdom**



**Graph 174: Asset Classes Correlations - United Kingdom**



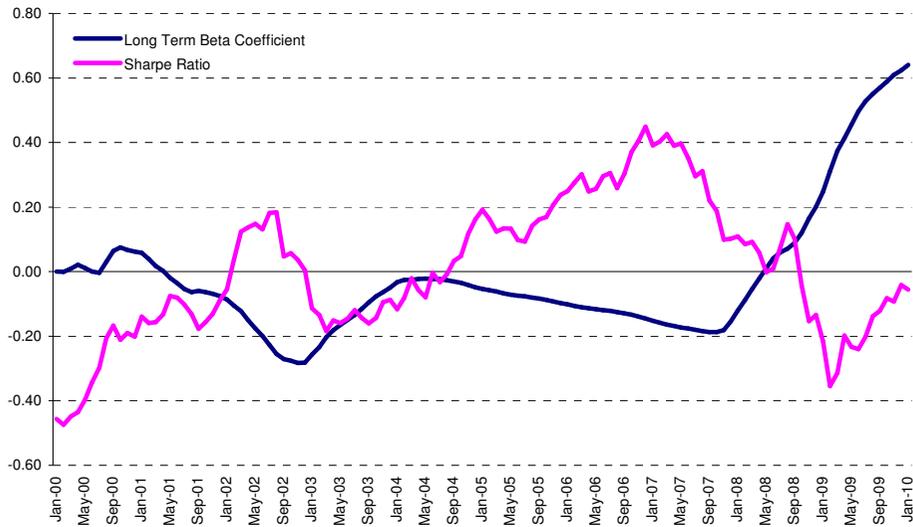
**Graph 175: Relative Strength Indicator - United Kingdom**



**Graph 176: 12 Months Dividend Yields - United Kingdom**



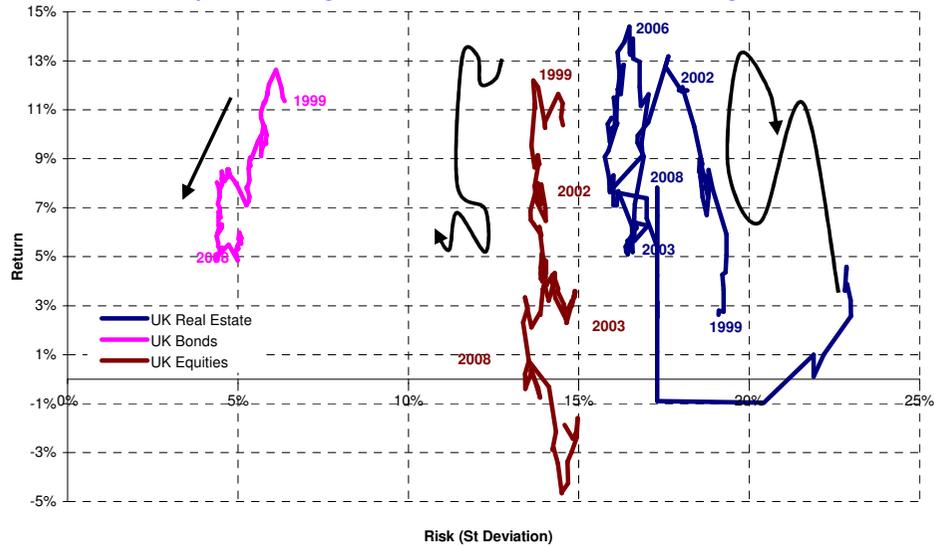
**Graph 177: Long Term Beta Coefficient & Sharpe Ratio - United Kingdom**



**Graph 178: Equally Weighted Value-at-Risk - United Kingdom**



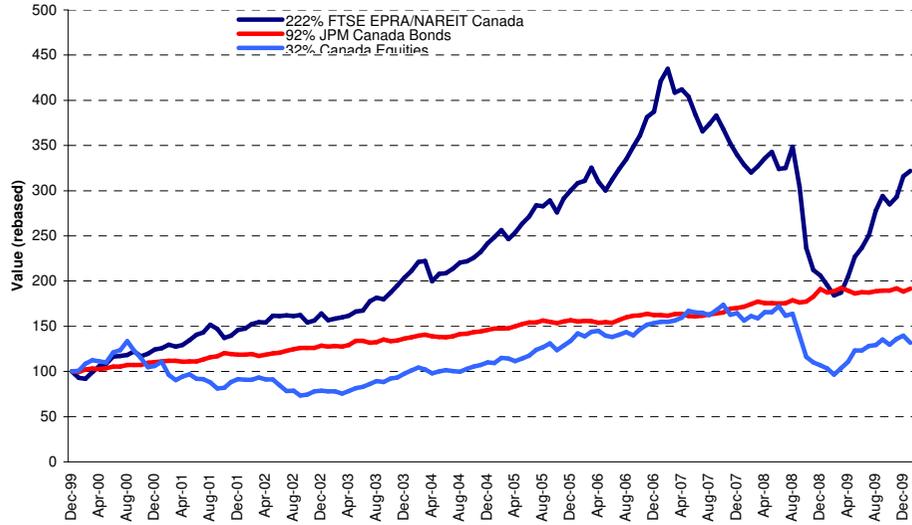
**Graph 179: Rolling 10 Years Risk/Return Profiles - United Kingdom**



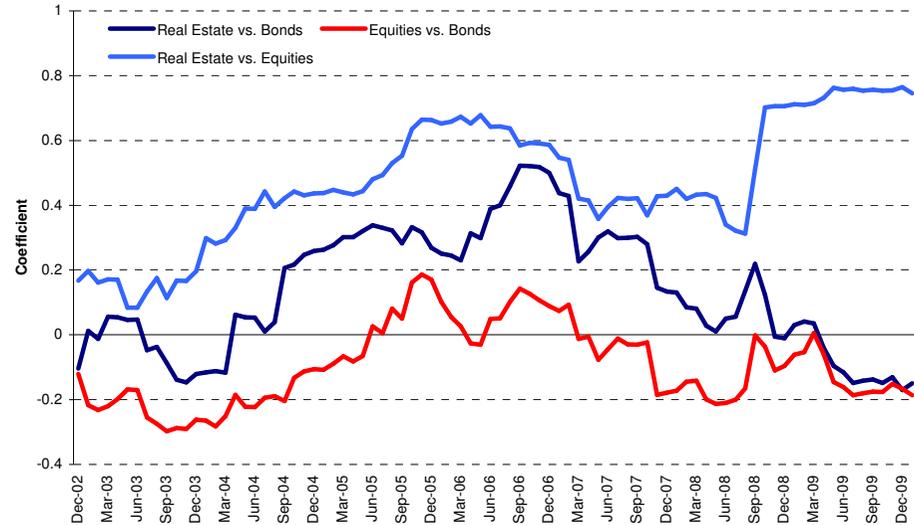
## Section 6.12

### Canada

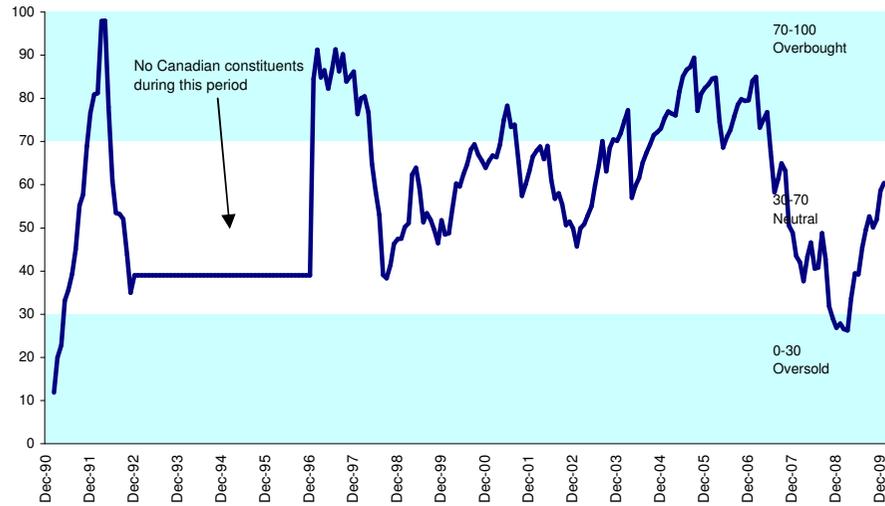
**Graph 180: Bonds, Equities & Real Estate - Canada**



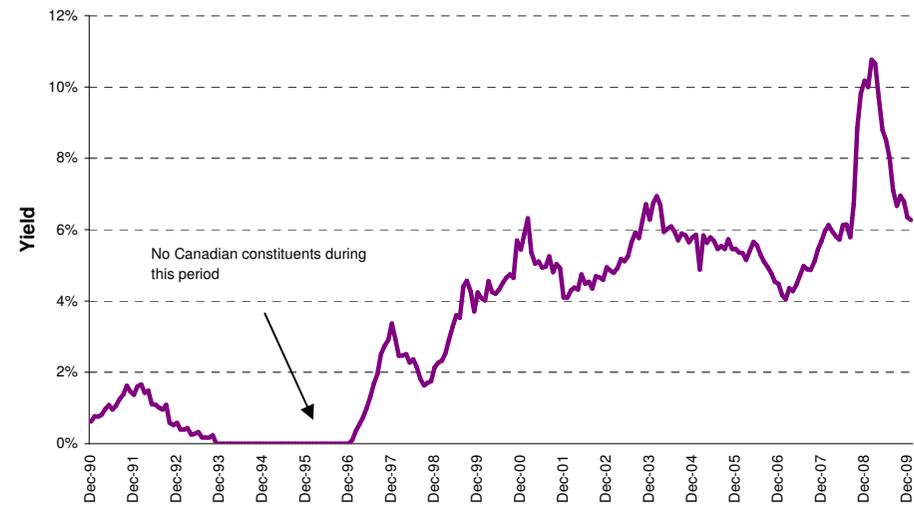
**Graph 181: Asset Classes Correlations - Canada**



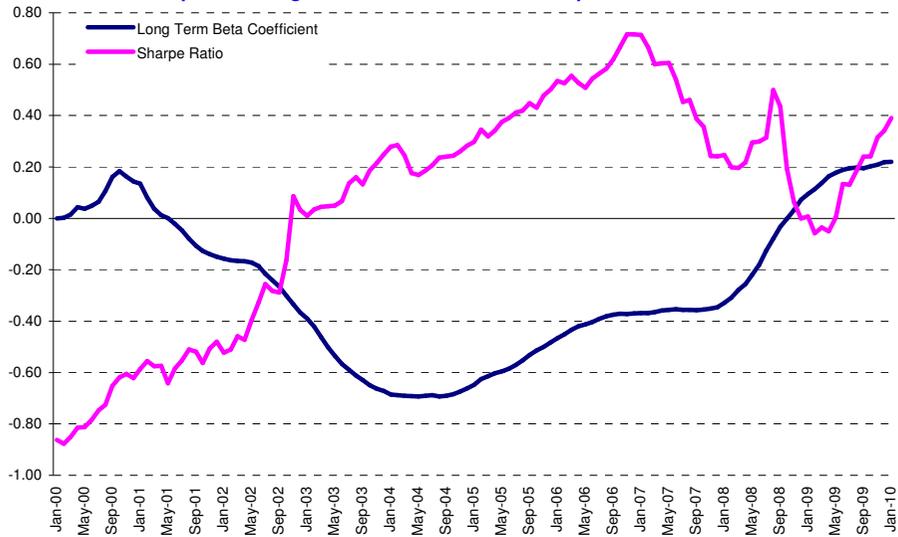
**Graph 182: Relative Strength Indicator - Canada**



**Graph 183: 12 Months Dividend Yields - Canada**



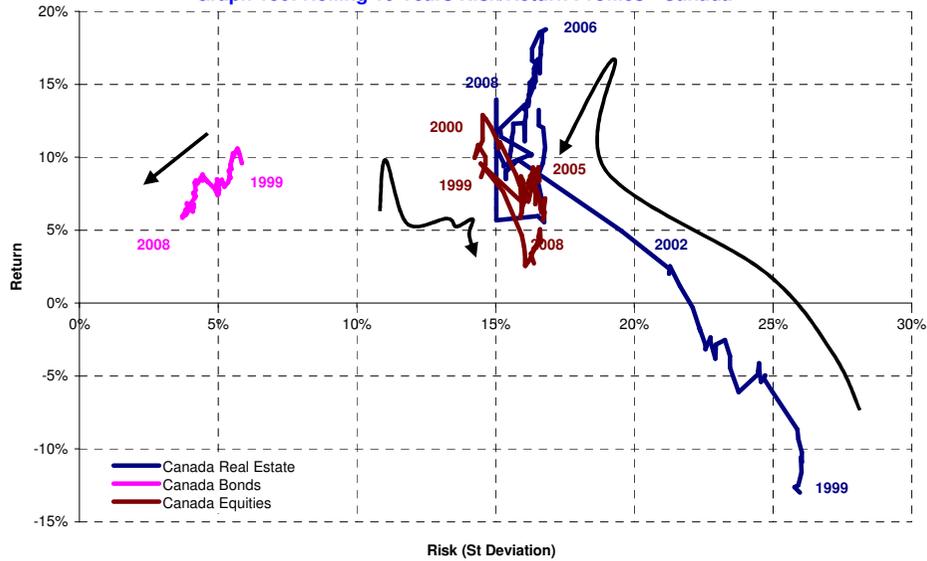
**Graph 184: Long Term Beta Coefficient & Sharpe Ratio - Canada**



**Graph 185: Equally Weighted Value-at-Risk - Canada**



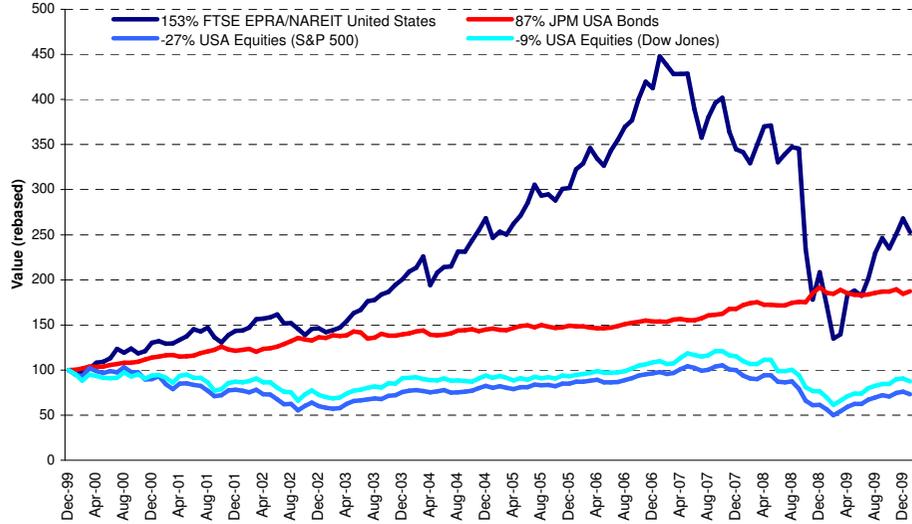
**Graph 186: Rolling 10 Years Risk/Return Profiles - Canada**



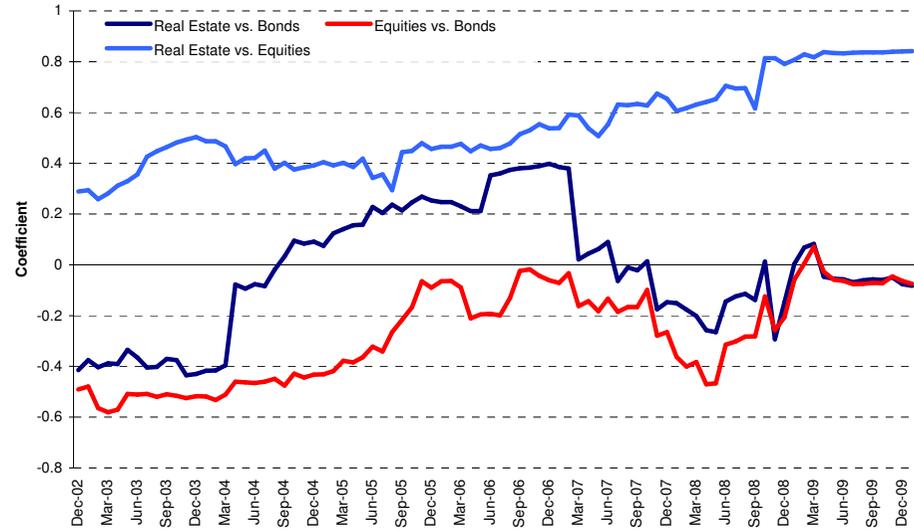
**Section 6.13**

**United States**

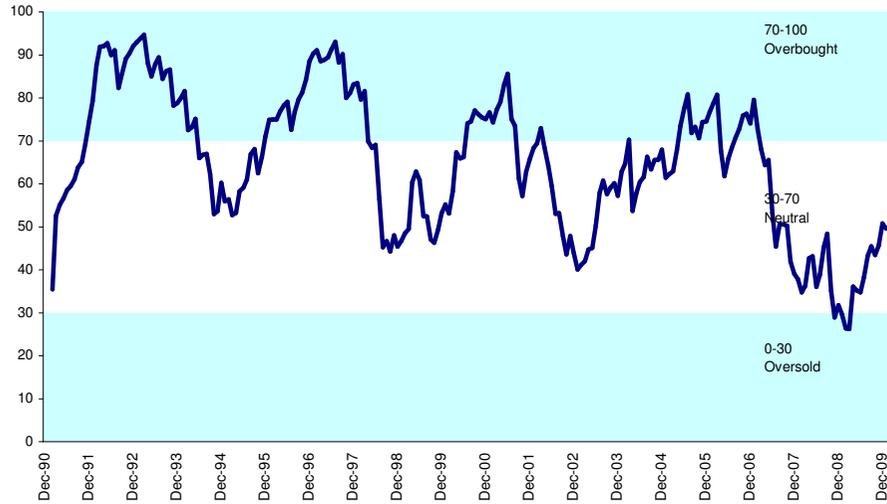
**Graph 187: Bonds, Equities & Real Estate - United States**



**Graph 188: Asset Classes Correlations - United States**



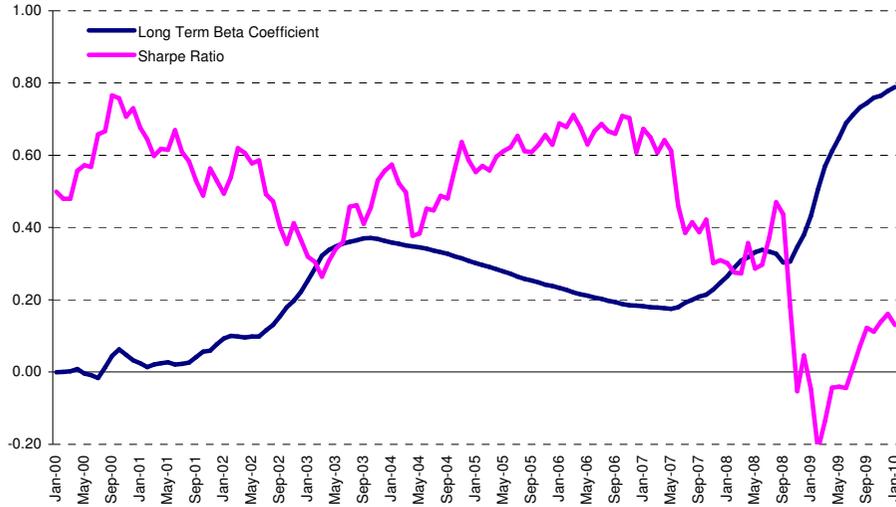
**Graph 189: Relative Strength Indicator - United States**



**Graph 190: 12 Months Dividend Yields - United States**



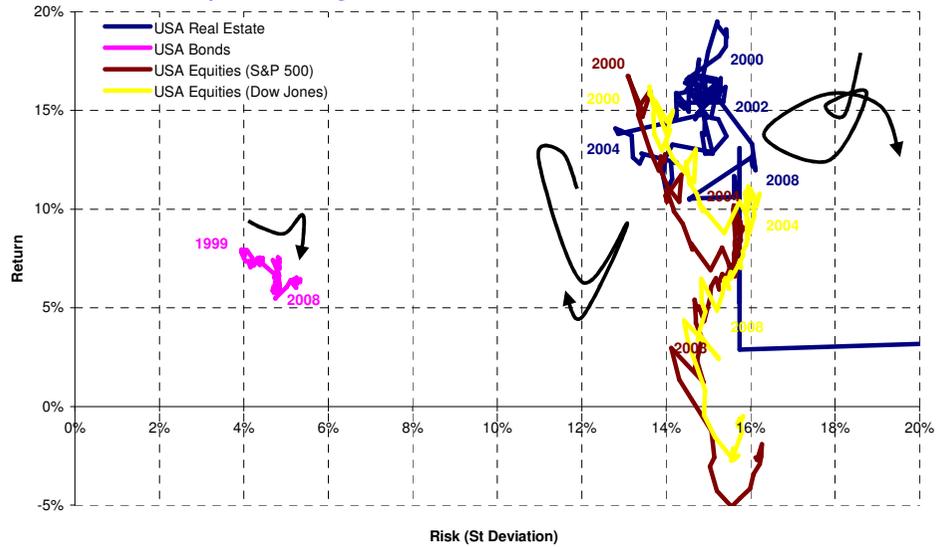
**Graph 191: Long Term Beta Coefficient & Sharpe Ratio - United States**



**Graph 192: Equally Weighted Value-at-Risk - United States**



**Graph 193: Rolling 10 Years Risk/Return Profiles - United States**



## Section 7

### End-of-Year Constituent Chart

## Number of Constituents - Developed Markets

Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Australia	5	5	6	5	8	7	9	14	18	19	19	17	24	23	22	15	25	30	23	12	14	14
Japan	9	9	10	8	11	11	11	11	8	7	9	8	6	8	7	17	21	26	23	21	22	22
Hong Kong	17	17	17	26	35	25	19	29	34	19	20	17	15	10	9	11	13	25	21	21	24	24
New Zealand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Singapore	3	3	3	5	8	7	6	6	5	5	6	5	4	3	3	9	10	13	11	9	13	13
<b>Asia</b>	<b>34</b>	<b>34</b>	<b>36</b>	<b>44</b>	<b>62</b>	<b>50</b>	<b>45</b>	<b>60</b>	<b>65</b>	<b>50</b>	<b>54</b>	<b>47</b>	<b>49</b>	<b>44</b>	<b>41</b>	<b>52</b>	<b>70</b>	<b>95</b>	<b>79</b>	<b>64</b>	<b>74</b>	<b>74</b>
Austria	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	6	5	2	2	2
Belgium	1	1	2	2	2	2	3	3	4	3	4	2	1	2	2	4	5	6	6	6	6	6
Denmark	0	0	0	1	2	2	2	2	2	2	3	3	2	1	1	2	4	2	1	0	0	0
Finland	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	2	3	3	3	3	3	3
France	4	4	4	7	8	9	9	9	10	11	9	6	6	6	6	4	6	10	10	10	9	9
Germany	3	3	3	3	3	3	3	4	5	5	5	2	2	2	2	3	3	6	9	8	8	8
Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	3
Ireland	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0
Italy	2	2	2	3	3	3	4	4	4	4	5	2	1	2	3	3	4	4	4	3	2	2
Netherlands	5	5	6	7	7	7	8	8	8	8	9	9	9	7	8	8	8	8	7	7	7	7
Norway	2	2	2	2	2	2	3	3	3	4	4	2	2	1	1	0	0	2	1	1	1	1
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
Portugal	1	1	1	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0
Spain	2	2	2	2	2	2	2	2	2	3	3	4	3	3	2	2	2	1	1	1	0	0
Sweden	4	4	5	6	9	10	12	12	15	17	21	9	9	9	8	5	6	6	6	6	6	6
Switzerland	2	2	2	2	2	2	2	2	2	2	2	4	2	4	4	4	4	4	4	4	4	4
UK	28	28	28	28	29	30	34	35	40	42	43	36	34	33	30	29	38	41	36	30	28	28
<b>Europe</b>	<b>56</b>	<b>56</b>	<b>59</b>	<b>66</b>	<b>73</b>	<b>76</b>	<b>86</b>	<b>88</b>	<b>99</b>	<b>106</b>	<b>114</b>	<b>83</b>	<b>74</b>	<b>72</b>	<b>69</b>	<b>69</b>	<b>91</b>	<b>103</b>	<b>97</b>	<b>84</b>	<b>79</b>	<b>79</b>
Canada	1	1	1	1	0	0	0	0	5	5	5	8	7	8	8	12	19	21	16	16	19	19
USA	12	12	16	19	25	51	79	88	100	106	101	114	112	108	105	110	127	119	103	99	101	101
<b>North America</b>	<b>13</b>	<b>13</b>	<b>17</b>	<b>20</b>	<b>25</b>	<b>51</b>	<b>79</b>	<b>88</b>	<b>105</b>	<b>111</b>	<b>106</b>	<b>122</b>	<b>119</b>	<b>116</b>	<b>113</b>	<b>122</b>	<b>146</b>	<b>140</b>	<b>119</b>	<b>115</b>	<b>120</b>	<b>120</b>
<b>Total</b>	<b>103</b>	<b>103</b>	<b>112</b>	<b>130</b>	<b>160</b>	<b>177</b>	<b>210</b>	<b>236</b>	<b>269</b>	<b>267</b>	<b>274</b>	<b>252</b>	<b>242</b>	<b>232</b>	<b>223</b>	<b>243</b>	<b>307</b>	<b>338</b>	<b>295</b>	<b>263</b>	<b>273</b>	<b>273</b>

## Number of Constituents - Emerging Markets

Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
China	0	0	0	0	3	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6
India	0	0	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	5	7	7	6	6
Indonesia	0	0	0	0	0	1	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
Malaysia	0	5	5	6	7	7	7	8	8	8	8	8	8	9	9	10	10	10	10	10	5	5
Philippines	0	1	1	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6
Thailand	0	0	1	1	3	4	4	4	5	5	5	6	6	6	6	6	6	6	6	6	10	10
Taiwan	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Asia</b>	<b>0</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>19</b>	<b>24</b>	<b>25</b>	<b>28</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>32</b>	<b>32</b>	<b>33</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>40</b>	<b>40</b>	<b>37</b>	<b>37</b>
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2
Turkey	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
<b>Europe</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
Egypt	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
South Africa	0	3	3	3	3	3	5	5	5	5	5	6	8	9	10	10	10	11	11	11	7	7
<b>Middle East/Africa</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>8</b>	<b>8</b>
Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	12	12	12	12
Mexico	0	0	0	0	0	1	1	2	2	2	2	2	2	2	3	5	5	5	5	5	5	5
<b>Americas</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>						
<b>Total Emerging</b>	<b>0</b>	<b>9</b>	<b>12</b>	<b>14</b>	<b>22</b>	<b>28</b>	<b>31</b>	<b>35</b>	<b>38</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>44</b>	<b>46</b>	<b>48</b>	<b>52</b>	<b>54</b>	<b>59</b>	<b>72</b>	<b>72</b>	<b>65</b>	<b>65</b>
<b>AIM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>12</b>	<b>16</b>	<b>16</b>	<b>12</b>	<b>12</b>

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Abacus Property Group	Asia	Australia																						
AMP Diversified Property Trust	Asia	Australia																						
AMP Industrial Trust	Asia	Australia																						
AMP Shopping Centre	Asia	Australia																						
Australand Property Group	Asia	Australia																						
Babcock & Brown Japan Property Trust	Asia	Australia																						
Bunnings Warehouse Property Trust	Asia	Australia																						
Centro Properties	Asia	Australia																						
Centro Retail Trust	Asia	Australia																						
Centro Shopping America Trust	Asia	Australia																						
CFS Retail Property Trust	Asia	Australia																						
Colonial First State Properties Trust	Asia	Australia																						
Commonwealth Property Office Fund	Asia	Australia																						
DB RREEF Trust	Asia	Australia																						
Deutsche Diversified Trust	Asia	Australia																						
Deutsche Industrial Trust	Asia	Australia																						
Deutsche Office Trust	Asia	Australia																						
Dexus Property group	Asia	Australia																						
FKP Property Group	Asia	Australia																						
Goodman Group	Asia	Australia																						
GPT Group	Asia	Australia																						
ING Industrial Fund	Asia	Australia																						
ING Office Fund	Asia	Australia																						
ING Real Estate Community Living	Asia	Australia																						
Investa Property Group	Asia	Australia																						
Lend Lease Corp.	Asia	Australia																						
Macquarie Countrywide	Asia	Australia																						
Macquarie DDR	Asia	Australia																						
Macquarie Office	Asia	Australia																						
Macquarie Prologis Trust	Asia	Australia																						
Mirvac Group	Asia	Australia																						
Multiplex Group	Asia	Australia																						
Principal America Office Trust	Asia	Australia																						
Principal Office Trust	Asia	Australia																						
Ronin Property Trust	Asia	Australia																						
Rubicon America Trust	Asia	Australia																						
Rubicon Europe Trust	Asia	Australia																						
Stockland	Asia	Australia																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Sunland Group	Asia	Australia																						
Tishman Speyer Office Fund	Asia	Australia																						
Valad Property Group	Asia	Australia																						
Westfield America	Asia	Australia																						
Westfield Group	Asia	Australia																						
Westfield Holdings	Asia	Australia																						
Westfield Trust	Asia	Australia																						
Agile Property Holdings	Asia	Hong Kong																						
Allied Properties	Asia	Hong Kong																						
Asean Residential	Asia	Hong Kong																						
Asia Oriental	Asia	Hong Kong																						
Asia Standard	Asia	Hong Kong																						
Century City	Asia	Hong Kong																						
Champion REIT	Asia	Hong Kong																						
Cheung Kong Holdings	Asia	Hong Kong																						
Chi Cheung	Asia	Hong Kong																						
China Investment Holdings	Asia	Hong Kong																						
China Land Group	Asia	Hong Kong																						
China Overseas Land & Investment	Asia	Hong Kong																						
China Resources Land	Asia	Hong Kong																						
China State Construction International	Asia	Hong Kong																						
Chinese Estate Holdings	Asia	Hong Kong																						
Chuang's China Investments	Asia	Hong Kong																						
Chuang's Consortium International	Asia	Hong Kong																						
Country Garden	Asia	Hong Kong																						
Dan Form Holdings	Asia	Hong Kong																						
Dynamic Holdings	Asia	Hong Kong																						
Emperor International	Asia	Hong Kong																						
Emperor Investments	Asia	Hong Kong																						
Far East Consortium	Asia	Hong Kong																						
Gold - Face Holdings	Asia	Hong Kong																						
G-Prop Holdings	Asia	Hong Kong																						
Great Eagle Holdings	Asia	Hong Kong																						
GZI REIT	Asia	Hong Kong																						
Hang Lung Group	Asia	Hong Kong																						
Hang Lung Properties	Asia	Hong Kong																						
Henderson China	Asia	Hong Kong																						
Henderson Investors	Asia	Hong Kong																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Henderson Land Development	Asia	Hong Kong																						
Heritage International Holdings	Asia	Hong Kong																						
HKR International	Asia	Hong Kong																						
Hon Kwok Land Investments	Asia	Hong Kong																						
Hong Kong Fortune	Asia	Hong Kong																						
Hong Kong Land	Asia	Hong Kong																						
Hong Kong Parkview Group	Asia	Hong Kong																						
Hopson Development Holdings	Asia	Hong Kong																						
Hycomm Wireless	Asia	Hong Kong																						
Hysan Development	Asia	Hong Kong																						
Interchina Holdings	Asia	Hong Kong																						
K Wah International Holdings	Asia	Hong Kong																						
Kerry Properties	Asia	Hong Kong																						
Kowloon Development	Asia	Hong Kong																						
KWG Property Holdings	Asia	Hong Kong																						
Kwong Sand Hong International	Asia	Hong Kong																						
Lai Fung Holdings	Asia	Hong Kong																						
Lai Sun Development	Asia	Hong Kong																						
Link Real Estate Investment Trust	Asia	Hong Kong																						
Lippo Ltd.	Asia	Hong Kong																						
Liu Chong Hing Investments	Asia	Hong Kong																						
Midland Realty Holdings	Asia	Hong Kong																						
Nam Fong International Holdings	Asia	Hong Kong																						
New Century Group Hong Kong	Asia	Hong Kong																						
New City Beijing Development	Asia	Hong Kong																						
New World China Land	Asia	Hong Kong																						
New World Development	Asia	Hong Kong																						
Pacific Century Premium Development	Asia	Hong Kong																						
Pacific Concord Holdings	Asia	Hong Kong																						
Pearl Oriental Holdings	Asia	Hong Kong																						
Prosperity REIT	Asia	Hong Kong																						
Shanghai Real Estate	Asia	Hong Kong																						
Shenzhen Investment	Asia	Hong Kong																						
Shimao Property Holdings	Asia	Hong Kong																						
Shui On Land	Asia	Hong Kong																						
Silver Grant International	Asia	Hong Kong																						
Sino Land	Asia	Hong Kong																						
Soho China	Asia	Hong Kong																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Sun Hung Kai Properties	Asia	Hong Kong																						
Swire Pacific	Asia	Hong Kong																						
The Wharf Holdings	Asia	Hong Kong																						
Wheelock Properties	Asia	Hong Kong																						
Aeon Mall Co. Ltd	Asia	Japan																						
Cesar	Asia	Japan																						
Daibiru Corp.	Asia	Japan																						
Daikyo	Asia	Japan																						
Diamond City	Asia	Japan																						
Goldcrest	Asia	Japan																						
Hankyu Realty	Asia	Japan																						
Heiwa Real Estate	Asia	Japan																						
Japan Prime Realty Investment	Asia	Japan																						
Japan Real Estate Investment Corporation	Asia	Japan																						
Japan Retail Fund Investment	Asia	Japan																						
Kenedix Realty Investment	Asia	Japan																						
Leopalace21 Corp.	Asia	Japan																						
Mitsubishi Estate	Asia	Japan																						
Mitsui Fudosan Co.	Asia	Japan																						
Mitsui Real Estate Sales	Asia	Japan																						
Mori Trust Sogo REIT	Asia	Japan																						
Nippon Building Fund Inc.	Asia	Japan																						
Nippon Commercial Investment	Asia	Japan																						
Nomura Real Estate Office Fund	Asia	Japan																						
NTT Urban Development	Asia	Japan																						
Orix Jreit Inc.	Asia	Japan																						
Premier Investment Co.	Asia	Japan																						
Shoei	Asia	Japan																						
Sumitomo Realty & Development	Asia	Japan																						
Toc Co.	Asia	Japan																						
Tokyo Tatemono	Asia	Japan																						
Tokyu Land	Asia	Japan																						
Tokyu REIT Inc.	Asia	Japan																						
Top REIT *	Asia	Japan																						
Towa Real Estate Development	Asia	Japan																						
United Urban Investment	Asia	Japan																						
AMP NZ Office Trust	Asia	New Zealand																						
Kiwi Income Property Trust	Asia	New Zealand																						



## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Sjaelso Gruppen	Europe	Denmark																						
TK Development	Europe	Denmark																						
Citycon	Europe	Finland																						
Sponda	Europe	Finland																						
Technopolis	Europe	Finland																						
Acanthe Developpement	Europe	France																						
Affine	Europe	France																						
Fidei	Europe	France																						
Fonciere Des Regions	Europe	France																						
Fonciere Lyonnaise	Europe	France																						
Gecina	Europe	France																						
Icade	Europe	France																						
Klepierre	Europe	France																						
Locafinanciere	Europe	France																						
Mercialys	Europe	France																						
Sefimeg	Europe	France																						
Silic	Europe	France																						
Simco	Europe	France																						
Societe de la Tour Eiffel	Europe	France																						
Sogeparc	Europe	France																						
Sophia	Europe	France																						
Unibail - Rodamco	Europe	France																						
Union Immobiliere de France	Europe	France																						
Alstria Office	Europe	Germany																						
Bau-Verein Zu Hamburg	Europe	Germany																						
CBB Holding	Europe	Germany																						
Colonia Real Estate	Europe	Germany																						
Deutsche Euroshop	Europe	Germany																						
Deutsche Wohnen	Europe	Germany																						
DIC Asset	Europe	Germany																						
Gagfah	Europe	Germany																						
Hamborner	Europe	Germany																						
IVG Immobilien	Europe	Germany																						
Patrizia Immobilien	Europe	Germany																						
RSE Grundbesitz U-Beteiligung	Europe	Germany																						
TAG Immobilien	Europe	Germany																						
Vivacon	Europe	Germany																						
Babis Vovos International	Europe	Greece																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Eurobank Properties Real Estate Investment	Europe	Greece																						
Lamda Development	Europe	Greece																						
Dunloe Ewart	Europe	Ireland																						
Green Property	Europe	Ireland																						
Aedes	Europe	Italy																						
Beni Stabili	Europe	Italy																						
Gifim	Europe	Italy																						
Immobiliare Grande Distribution	Europe	Italy																						
Immobiliare Metanopoli	Europe	Italy																						
IPI	Europe	Italy																						
Jolly Hotels	Europe	Italy																						
Pirelli & Co. Real Estate	Europe	Italy																						
Premafin	Europe	Italy																						
Risanamento	Europe	Italy																						
Unione Immobiliare	Europe	Italy																						
AM N.V.	Europe	Netherlands																						
Corio	Europe	Netherlands																						
Eurocommercial Properties	Europe	Netherlands																						
Haslemere	Europe	Netherlands																						
Nieuwe Steen Investments	Europe	Netherlands																						
ProLogis European Properties	Europe	Netherlands																						
Rodamco	Europe	Netherlands																						
Rodamco Europe	Europe	Netherlands																						
Rodamco Retail Nederland	Europe	Netherlands																						
Uni-Invest	Europe	Netherlands																						
Vastned Offices/Industrial	Europe	Netherlands																						
Vastned Retail	Europe	Netherlands																						
Wereldhave	Europe	Netherlands																						
Avantor	Europe	Norway																						
Choice Hotels	Europe	Norway																						
Norgani Hotels	Europe	Norway																						
Norwegian Property	Europe	Norway																						
Olav Thon	Europe	Norway																						
Steen & Strom	Europe	Norway																						
Globe Trade Centre	Europe	Poland																						
Mundicenter	Europe	Portugal																						
Sonae Imobiliaria	Europe	Portugal																						
Inmobiliaria Colonial	Europe	Spain																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Metrovacesa	Europe	Spain																						
Renta Corp Real Estate	Europe	Spain																						
Testa Inmuebles En Renta (Prima Inmobiliara)	Europe	Spain																						
Vallehermoso	Europe	Spain																						
Asticus	Europe	Sweden																						
Bostads AB Drott	Europe	Sweden																						
Castellum	Europe	Sweden																						
Custos	Europe	Sweden																						
Diligentia	Europe	Sweden																						
Dios Anders	Europe	Sweden																						
Fabege	Europe	Sweden																						
Fabege (ex Drott March 2004)	Europe	Sweden																						
Fabege (ex Wihlborgs May 2005)	Europe	Sweden																						
Fast Balder	Europe	Sweden																						
Hufvudstaden A	Europe	Sweden																						
JM	Europe	Sweden																						
Klovern AB	Europe	Sweden																						
Kungsleden	Europe	Sweden																						
Lundbergs B	Europe	Sweden																						
Mandamus Fastigheter	Europe	Sweden																						
Nackebro	Europe	Sweden																						
Norrporten	Europe	Sweden																						
Pandox	Europe	Sweden																						
Piren	Europe	Sweden																						
Platzer	Europe	Sweden																						
Prifast	Europe	Sweden																						
Storheden Fastighets	Europe	Sweden																						
Tornet Fastighets	Europe	Sweden																						
Wihlborgs Fastigheter	Europe	Sweden																						
Allreal Holdings	Europe	Switzerland																						
Intershop B	Europe	Switzerland																						
Jelmoli Real Estate	Europe	Switzerland																						
Maag B	Europe	Switzerland																						
PSP Swiss Property	Europe	Switzerland																						
REG Real Estate Group	Europe	Switzerland																						
Swiss Prime Site	Europe	Switzerland																						
Zueblin Immobilien Holding	Europe	Switzerland																						
Asda Property Holdings	Europe	UK																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Ashtenne Holdings	Europe	UK																						
Assura	Europe	UK																						
Benchmark Group	Europe	UK																						
Big Yellow Group	Europe	UK																						
BPT	Europe	UK																						
British Land Corp.	Europe	UK																						
Brixton	Europe	UK																						
Burford Holdings	Europe	UK																						
Canary Wharf Group	Europe	UK																						
Capital & Regional Property	Europe	UK																						
Capital Shopping Centers	Europe	UK																						
Chelsfield	Europe	UK																						
CLS Holdings	Europe	UK																						
Compco Holdings	Europe	UK																						
Daejan Holdings	Europe	UK																						
Delancey Estates	Europe	UK																						
Dencora	Europe	UK																						
Derwent London Holdings	Europe	UK																						
Development Securities	Europe	UK																						
Eskmuir	Europe	UK																						
F&C Commercial Property Trust	Europe	UK																						
Freeport	Europe	UK																						
Frogmore Estates	Europe	UK																						
Grainger Trust	Europe	UK																						
Grantchester Holdings	Europe	UK																						
Great Portland Estates	Europe	UK																						
Hammerson	Europe	UK																						
Helical Bar	Europe	UK																						
ING UK Real Estate Income Trust	Europe	UK																						
Invista Foundation Property Trust	Europe	UK																						
Invesco UK Property Income Trust	Europe	UK																						
IRP Property Investments	Europe	UK																						
ISIS Property Trust Ltd	Europe	UK																						
James Smith Estates	Europe	UK																						
Jermyn Investment Properties	Europe	UK																						
Land Securities Group	Europe	UK																						
Liberty International	Europe	UK																						
London Merchant Securities	Europe	UK																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
London Merchant Securities Dfd	Europe	UK																						
Mapeley	Europe	UK																						
Marylebone Warwick Balfour Group	Europe	UK																						
McKay Securities	Europe	UK																						
MEPC	Europe	UK																						
Minerva	Europe	UK																						
Moorfield Group	Europe	UK																						
Mucklow (A.& J.) Group	Europe	UK																						
NHP	Europe	UK																						
Pillar Property	Europe	UK																						
Plaza Centers NV	Europe	UK																						
Primary Health Properties	Europe	UK																						
Quintain Estates & Development	Europe	UK																						
Raglan Properties	Europe	UK																						
Saville Gordon Estates	Europe	UK																						
Scottish Met	Europe	UK																						
Shaftesbury	Europe	UK																						
SEGRO	Europe	UK																						
St.Modwen Properties	Europe	UK																						
Standard Life Inv Prop Income Trust	Europe	UK																						
Advantage Property Income Trust	Europe	UK																						
Tops Estates	Europe	UK																						
Town Centre Securities	Europe	UK																						
UK Balanced Property Trust	Europe	UK																						
UK Commercial Property Trust	Europe	UK																						
Unite Group	Europe	UK																						
Warner Estate Holdings	Europe	UK																						
Wates City of London	Europe	UK																						
Westbury Property Fund	Europe	UK																						
Workspace Group	Europe	UK																						
Alexis Nihon REIT	North America	Canada																						
Allied Properties REIT	North America	Canada																						
Artis Real Estate Investment	North America	Canada																						
Boardwalk Real Estate Investment Trust	North America	Canada																						
BPO Properties	North America	Canada																						
Brookfield Properties Corp.	North America	Canada																						
Calloway REIT	North America	Canada																						
Canadian Apartment Properties REIT	North America	Canada																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Canadian Hotel Income Properties REIT	North America	Canada																						
Canadian REIT	North America	Canada																						
Chartwell Seniors Housing REIT	North America	Canada																						
Cominar REIT	North America	Canada																						
Dundee Real Estate Investment Trust	North America	Canada																						
Extencare Real Estate Investment Trust	North America	Canada																						
First Capital Realty	North America	Canada																						
H & R REIT	North America	Canada																						
IPC US Real Estate	North America	Canada																						
InnVest Real Estate Investment Trust	North America	Canada																						
Killam Properties	North America	Canada																						
Legacy Hotels REIT	North America	Canada																						
Morguard Real Estate Investment Trust	North America	Canada																						
Northern Property REIT	North America	Canada																						
O & Y Real Estate	North America	Canada																						
Oxford Properties Group	North America	Canada																						
Primaris Retail REIT	North America	Canada																						
Residential Equities REIT	North America	Canada																						
Retirement Residences REIT	North America	Canada																						
Riocan REIT	North America	Canada																						
Summit Real Estate	North America	Canada																						
Sunrise Senior Living Real Estate	North America	Canada																						
Trizec Hahn Corp.	North America	Canada																						
Acadia Realty	North America	USA																						
Hilltop Holdings	North America	USA																						
Agree Realty	North America	USA																						
Alexanders Inc.	North America	USA																						
Alexandria Real Estate Equity	North America	USA																						
AMB Property	North America	USA																						
American Campus Communities	North America	USA																						
American Financial Realty Trust	North America	USA																						
AML Residential Property Trust	North America	USA																						
Anthracite Capital	North America	USA																						
Apartment Investment Management	North America	USA																						
Archstone-Smith Trust	North America	USA																						
Arden Realty	North America	USA																						
Ashford Hospitality Trust	North America	USA																						
Associated Estates Realty	North America	USA																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Avalonbay Communities	North America	USA																						
Bedford Property Investors	North America	USA																						
BioMed Realty Trust	North America	USA																						
BNP Residential Properties	North America	USA																						
Boca Resorts	North America	USA																						
Boston Property	North America	USA																						
Boykin Lodging	North America	USA																						
Brandywine Realty	North America	USA																						
BRE Properties	North America	USA																						
Burnham Pacific Properties	North America	USA																						
Cabot	North America	USA																						
Camden Property	North America	USA																						
Capital Automotive Trust	North America	USA																						
Carramerica Trust	North America	USA																						
Catellus Development Corp.	North America	USA																						
CBL & Associates Properties	North America	USA																						
Cedar Shopping Centers	North America	USA																						
Center Trust	North America	USA																						
Centerpoint Properties	North America	USA																						
Centracore Properties Trust	North America	USA																						
Charles E Smith Residential Realty	North America	USA																						
Chateau Communities	North America	USA																						
Chelsea Property Group	North America	USA																						
Choice Hotels	North America	USA																						
Colonial Properties	North America	USA																						
Columbia Equity Trust Inc.	North America	USA																						
Cornerstone Realty Income Trust	North America	USA																						
Corporate Office Properties	North America	USA																						
Corrections Corporation of America	North America	USA																						
Cousins Property	North America	USA																						
Crescent Real Estate Equity Corp.	North America	USA																						
Crestline Capital	North America	USA																						
Criimi Mae Inc.	North America	USA																						
Crown American Realty	North America	USA																						
CRT Properties	North America	USA																						
DCT Industrial Trust	North America	USA																						
Developers Diversified Realty	North America	USA																						
Diamondrock Hospitality	North America	USA																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Digital Realty Trust	North America	USA																						
Douglas Emmett	North America	USA																						
Duke Realty Corp	North America	USA																						
Dupont Fabros Technology	North America	USA																						
Dynex Capital	North America	USA																						
Eastgroup Properties	North America	USA																						
Education Realty Trust	North America	USA																						
Entertainment Properties Trust	North America	USA																						
Equity Inns	North America	USA																						
Equity Lifestyle Properties	North America	USA																						
Equity Office Properties	North America	USA																						
Equity One Inc	North America	USA																						
Equity Residential	North America	USA																						
Essex Property Trust	North America	USA																						
Extended Stay America	North America	USA																						
Extra Space Storage	North America	USA																						
Federal Realty Investors	North America	USA																						
FelCor Lodging	North America	USA																						
First Industrial Realty Trust	North America	USA																						
First Potomac Realty Trust	North America	USA																						
Forest City A	North America	USA																						
Franchise Finance Corp. of America	North America	USA																						
Franklin Street Properties	North America	USA																						
Gables Residential Trust	North America	USA																						
General Growth Properties	North America	USA																						
Getty Realty	North America	USA																						
Glenborough Realty Trust	North America	USA																						
Glimcher Realty Trust	North America	USA																						
Global Signal Inc.	North America	USA																						
GMH Communities Trust	North America	USA																						
Golf Trust America	North America	USA																						
Government Properties Trust	North America	USA																						
Gramercy Capital Corp	North America	USA																						
Great Lakes REIT	North America	USA																						
Health Care Property Investments	North America	USA																						
Healthcare Realty Trust	North America	USA																						
Healthcare REIT	North America	USA																						
Heritage Property Investments	North America	USA																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Hersha Hospitality Trust A	North America	USA																						
Highland Hospitality	North America	USA																						
Highwoods Properties	North America	USA																						
Hilton Hotels	North America	USA																						
Home Properties	North America	USA																						
Hospitality Properties Trust	North America	USA																						
Host Hotels & Resorts	North America	USA																						
HRPT Properties	North America	USA																						
Inland Real Estate	North America	USA																						
Innkeepers USA Trust	North America	USA																						
Investors Real Estate Trust	North America	USA																						
IRT Property	North America	USA																						
JDN Realty Corp.	North America	USA																						
JP Realty	North America	USA																						
Keystone Property Trust	North America	USA																						
Kilroy Realty	North America	USA																						
Kimco Realty Corp.	North America	USA																						
Kite Realty Group Trust	North America	USA																						
Konover Property	North America	USA																						
Kramont Realty Trust	North America	USA																						
La Quinta Properties	North America	USA																						
LaSalle Hotel Properties	North America	USA																						
Lexington Realty Trust	North America	USA																						
Liberty Property Trust	North America	USA																						
LTC Properties	North America	USA																						
Macerich	North America	USA																						
Mack Cali Realty	North America	USA																						
Maguire Properties	North America	USA																						
Manor Care	North America	USA																						
Medical Properties Trust	North America	USA																						
Meristar Hospitality	North America	USA																						
Mid-America Apartment Communities	North America	USA																						
Mid-Atlantic Realty Trust	North America	USA																						
Mission West Properties	North America	USA																						
National Golf Properties	North America	USA																						
National Health Investors	North America	USA																						
National Healthcare	North America	USA																						
National Retail Properties	North America	USA																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Nationwide Health Properties	North America	USA																						
New Plan Excel Realty Trust	North America	USA																						
Omega Healthcare REIT	North America	USA																						
Orient Express Hotels	North America	USA																						
Pan Pacific Retail Properties	North America	USA																						
Parkway Properties	North America	USA																						
Pebblebrook Hotel Trust	North America	USA																						
Pennsylvania Real Estate Investment Trust	North America	USA																						
Post Properties	North America	USA																						
Prentiss Properties Trust	North America	USA																						
Prime Group Realty Trust	North America	USA																						
Prime Hospitality	North America	USA																						
Prime Legacy	North America	USA																						
Prologis	North America	USA																						
PS Business Parks	North America	USA																						
Public Storage	North America	USA																						
Ramco-Gershenson Properties	North America	USA																						
Realty Income	North America	USA																						
Reckson Associates Realty Corp. A	North America	USA																						
Reckson Associates Realty Corp. B	North America	USA																						
Regency Centers	North America	USA																						
Republic Property	North America	USA																						
RFS Hotel Investors	North America	USA																						
Saul Centers	North America	USA																						
Senior Housing Property Trust	North America	USA																						
Shurgard Storage Centers	North America	USA																						
Simon Property Group	North America	USA																						
Sizeler Property Investors	North America	USA																						
SL Green Realty	North America	USA																						
Sovran Self Storage	North America	USA																						
Spirit Finance Corp.	North America	USA																						
Starwood Hotels & Resorts	North America	USA																						
Storage USA	North America	USA																						
Strategic Hotels & Resorts	North America	USA																						
Summit Properties	North America	USA																						
Sun Communities	North America	USA																						
Sunstone Hotel Investors	North America	USA																						
Tanger Factory Outlet Center	North America	USA																						

## End-of-Year Constituents Chart - Developed

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Taubman Centers	North America	USA																						
The Mills Corporation	North America	USA																						
The Rouse Corporation	North America	USA																						
The St. Joe Company	North America	USA																						
Town and Country Trust	North America	USA																						
Trizec Properties	North America	USA																						
Trustreet Properties	North America	USA																						
UDR	North America	USA																						
Universal Health Realty Income	North America	USA																						
Urstadt Biddle Properties	North America	USA																						
U-Store-It Trust	North America	USA																						
Ventas Inc	North America	USA																						
Vornado Realty	North America	USA																						
Washington Real Estate Investments	North America	USA																						
Weingarten Realty Investors	North America	USA																						
Windrose Medical Properties	North America	USA																						
Winston Hotels	North America	USA																						
Winthrop Realty Trust	North America	USA																						
Wyndham International	North America	USA																						

## End-of-Year Constituents Chart - Emerging & AIM

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
BR Malls Participacoes S/A Ord	Emerging	Brazil																						
Brookfield Residential Properties SA	Emerging	Brazil																						
Camargo Correa Desenvolvimento Imobiliario S/A Ord	Emerging	Brazil																						
Cyrela Brazil Realty S/A Empreendimentose e Participacoes Or	Emerging	Brazil																						
Cyrela Commercial Properties	Emerging	Brazil																						
Gafisa	Emerging	Brazil																						
Iguatemi Empresa de Shopping Centers S/A Ord	Emerging	Brazil																						
Inpar SA	Emerging	Brazil																						
Klabin Segall S/A Ord	Emerging	Brazil																						
MRV Engenharia e Participacoes SA	Emerging	Brazil																						
Multiplan Empreendimentos Imobiliaros S/A Ord	Emerging	Brazil																						
Rodobens Negocios Imobiliaros S/A Ord	Emerging	Brazil																						
Beijing North Star (H)	Emerging	China																						
China Merchants Prop (B)	Emerging	China																						
Guangzhou R&F Properties (H)	Emerging	China																						
Jinqiao Export Processing (B)	Emerging	China																						
Shanghai Lujiazui Fin & Trade Dev (B)	Emerging	China																						
Shenzhen Vanke (B)	Emerging	China																						
Six Of October Development & Investment	Emerging	Egypt																						
Ansal Properties & Infrastructure	Emerging	India																						
BSEL Information Systems	Emerging	India																						
DLF	Emerging	India																						
IVR Prime Urban Developers	Emerging	India																						
Parsvnath Developers	Emerging	India																						
Peninsula Land	Emerging	India																						
Unitech	Emerging	India																						
Bakrieland Devel	Emerging	Indonesia																						
Ciputra Develop	Emerging	Indonesia																						
Lippo Karawaci	Emerging	Indonesia																						
Wijaya Karya PT	Emerging	Indonesia																						
Golden Plus Holdings	Emerging	Malaysia																						
IGB	Emerging	Malaysia																						
KLCC Property Holdings	Emerging	Malaysia																						
Land And General	Emerging	Malaysia																						
Mah Sing Group BHD	Emerging	Malaysia																						
Mutiara Goodyear Development BHD	Emerging	Malaysia																						
SP Setia	Emerging	Malaysia																						
Sunrise Bhd	Emerging	Malaysia																						

## End-of-Year Constituents Chart - Emerging & AIM

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
YNH Property	Emerging	Malaysia																						
YTL Land & Development BHD	Emerging	Malaysia																						
Consortio Ara	Emerging	Mexico																						
Desarrolladora Homex SA de CV	Emerging	Mexico																						
Geo B	Emerging	Mexico																						
Sare Holding S.A. de C.V.	Emerging	Mexico																						
Urbi Desarrollos Urbanos	Emerging	Mexico																						
Ayala Land	Emerging	Philippines																						
Filinvest Land	Emerging	Philippines																						
Megaworld Corporation	Emerging	Philippines																						
Robinson's Land Corporation	Emerging	Philippines																						
SM Prime Hldgs	Emerging	Philippines																						
Vista Land & Lifescapes	Emerging	Philippines																						
Globe Trade Centre	Emerging	Poland																						
LC Corp SA	Emerging	Poland																						
Apexhi Properties -A-	Emerging	South Africa																						
Apexhi Properties -B-	Emerging	South Africa																						
Apexhi Properties -C-	Emerging	South Africa																						
Emira Property Fund	Emerging	South Africa																						
Fountainhead Property Trust	Emerging	South Africa																						
Growthpoint Prop Ltd	Emerging	South Africa																						
Hyprop Investments Ltd	Emerging	South Africa																						
Pangbourne Prop Ltd	Emerging	South Africa																						
Redefine Income Find	Emerging	South Africa																						
Resilient Prop Inc Fd	Emerging	South Africa																						
SA Corporate Real Estate Fund	Emerging	South Africa																						
Macquarie Central Office Corporate	Emerging	South Korea																						
Amata Corp	Emerging	Thailand																						
Asian Property Development	Emerging	Thailand																						
Central Pattana	Emerging	Thailand																						
Land & Houses	Emerging	Thailand																						
LPN Development	Emerging	Thailand																						
Preuksa Real Estate	Emerging	Thailand																						
Property Perfect	Emerging	Thailand																						
Quality Houses	Emerging	Thailand																						
Supalai PCL	Emerging	Thailand																						
SC Asset Corporation	Emerging	Thailand																						
Is Gayrimenkul Yatirim Ortak	Emerging	Turkey																						

## End-of-Year Constituents Chart - Emerging & AIM

Company	Region	Country	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 YTD
Hung Poo Real Estate Development	Emerging	Taiwan																						
Blackrock International Land	AIM	AIM																						
Develica Deutschland	AIM	AIM																						
Lok'N Store Group	AIM	AIM																						
London & Stamford Property	AIM	AIM																						
Rugby Estates	AIM	AIM																						
Ablon Group	AIM	AIM																						
Atlas Estates	AIM	AIM																						
Carpathian	AIM	AIM																						
China Central Properties	AIM	AIM																						
China Real Estate Opportunities	AIM	AIM																						
Treveria	AIM	AIM																						
Deutsche Land	AIM	AIM																						
Dolphin Capital Investors	AIM	AIM																						
Hansteen Holdings	AIM	AIM																						
Mirland Development Corp	AIM	AIM																						
Raven Russia	AIM	AIM																						
RGI International	AIM	AIM																						
Sirius Real Estate	AIM	AIM																						
Spazio Investment	AIM	AIM																						
Speymill Deutsche Immobilien	AIM	AIM																						
Summit Germany	AIM	AIM																						

**Section 8**  
**Details on Methodology**

### Asset Class Comparisons and Correlations

The asset classes are defined as follows. For real estate, the FTSE EPRA/NAREIT indices are used. For broad equities, the national headline index is used (i.e. FTSE 100, CAC 40 etc.) and for multi-country profiles, the FTSE All-world index series is used. For bonds, the JPMorgan Bond index series is used.

### Average True Range

The difference between the 1Y high and the 1Y low in index points. A higher reading indicates a higher volatility.

### Beta Coefficient

The Beta Coefficient is a measure of a portfolio in relation to the rest of the financial market. It is calculated as follows:

$$\text{Beta} = \frac{\text{Covariance}(10\text{Y Average Returns Broad Equities and } 10\text{Y Average Returns Real Estate})}{\text{Variance Real Estate}} * 100$$

### Bollinger Bands

A set of Bollinger Bands are a tool that can be used to measure the 'high-ness' or 'low-ness' of the price relative to the previous one, and acts as a measure of volatility.

The Bollinger Bands consist of three lines: a middle band showing a simple moving average, an upper band located at twice the standard deviation above the middle band, and a lower band located at twice the standard deviation below the middle band.

### Candlesticks

Candlestick charts give an overview of the daily Open, High, Low, and Close price of the index over a certain period, in this case a month. The graph presents the relationship between these prices and as such show an indication of volatility. Candlesticks can only be created on securities that have intraday pricing, and so for this graph the real time price indices are used (instead of the total return indices that are used in the remainder of this chart book). A candlestick chart reads as follows:

If the body is colored green,  
then the index went up.  
If colored red, the index closed  
down.



### Capital Allocation Line

The CAL is the line between a risky asset (either a real estate portfolio or a broad equity portfolio), and the risk-free rate. The risk-free rate is derived by extrapolating the line between the risky asset and the JPMorgan bond index.

### Dividend Yields

The dividend market capitalisation (defined as the dividend multiplied by the shares in issue and free float percentage) paid during the last twelve months as a percentage of the investable market capitalisation of the index.

### Efficient Frontiers

The efficient frontier shows the minimum variance portfolio (or least risky portfolio) for a given rate of return. The resulting line shows the most efficient portfolio for any given combination of risk and return. Rational investors will construct portfolios that have risk-return profiles that are located on this frontier.

The efficient frontiers are calculated using data from a rolling 10-year period.

### Equally Weighted Value-at-Risk

The Value-at-Risk of an index is calculated by multiplying the market capitalisation of an index by the 10Y standard deviation of the index. Equally weighted refers to that older observations are given the same weight as the more recent observations.

### Investment Horizons

The ratio of the average monthly return divided by the average monthly volatility over the specified periods, 1 to 18 years.

### Moving Averages

The oscillator compares the long term (5Y) average with the short term (1Y) average. When these two lines cross a change in trend is identified. The graph shows the difference between the long term and short term. A negative difference indicates a downward trend, and a positive difference indicates an upward trend.

### Relative Strength Indicator

The Relative Strength Indicator is an index between 0 and 100. A value between 70 and 100 indicates that the market is overbought, and a value between 0 and 30 indicates the market is oversold. The RSI is calculated using the following formula:

$$RSI = 100 - \left[ \frac{100}{\left( 1 + \text{ABS} \left\{ \frac{1Y \text{ Average Monthly Gain}}{1Y \text{ Average Monthly Loss}} \right\} \right)} \right]$$

### Retracement Levels

The Fibonacci ratios (0.618, 0.50 and 0.382) are applied to the range between the 1Y High and 1Y Low.

Retracement levels are important in the case of a "changing market", i.e. when the index breaks out of its trend.

When the index breaks out of a long-term upward trend and starts a downward correction, the retracement levels show support levels.

When the index breaks out of a long-term downward trend and starts an upward correction, the retracement levels show resistance levels.

### Risk/Return Profiles

The risk/return profile-value is determined by the 10Y average risk (calculated by the standard deviation) on the X-axis and the 10Y average return on the Y-axis.

### Seasonality Chart

This chart compares the index value on a year-by-year basis. Each line represents the index in a particular year, and when combined with each other, a comparison can be made to see whether a pattern can be found, i.e. does the index always perform the same way in a particular month.

### Sharpe Ratio

The Sharpe ratio is a measure of the excess return (or Risk Premium) above the risk free rate (as measured by the JPMorgan Bond index) per unit of risk in an investment asset or a trading strategy. It is calculated as follows:

$$\text{Sharpe} = \frac{(\text{10Y average return of the index} - \text{10Y average return of the risk free rate})}{\text{10Y Volatility}}$$

### Technical Analysis

This is an attempt to indicate long term trends in the movement of the index.

**PLEASE NOTE: Identifying these trends, especially the resistance and support levels, is subjective and expresses the views of the author only and not necessarily the view of EPRA. Please refer to page 117 for further details.**

### Velocity

This liquidity measure is calculated by the number of shares traded over a 12-month period divided by the free-float adjusted shares in issue at the end of the period.

### Volatility

The volatility shows the variability of returns over a 12-month period, revealing the extent by which the returns of an index value change from the average. Low volatility indicates the returns for an index have stayed quite close to the average whereas a high volatility would indicate a larger fluctuation over the time period. Volatility can therefore be seen as a market measure for risk.

**Section 9**  
**Data Vendor Codes**

Data Vendor Codes - Indices



	Price Indices						Gross Total Return Indices						Net Total Return Indices						
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	
AMERICAS EMERGING INDEX	<b>FENEL</b>																		
ASIA 33 INDEX													<b>ENA3 (HKD)</b>						
ASIA DIVERSIFIED INDEX	EGADE	EGADU	EGADG	EGADJ	EGADA		TEGADE	TEGADU	TEGADG	TEGADJ	TEGADA								
ASIA DIVIDEND+ INDEX	<b>ENAD</b>																		
ASIA EMERGING INDEX	<b>FENEA</b>																		
ASIA EX AUSTRALIA DIVERSIFIED INDEX	EAADE	EAADU	EAADG	EAAJ	EAADA		TEAADE	TEAADU	TEAADG	TEAAJ	TEAADA								
ASIA EX AUSTRALIA HEALTHCARE INDEX	EAAHE	EAAHU	EAAHG	EAAHJ	EAAHA		TEAAHE	TEAAHU	TEAAHG	TEAAHJ	TEAAHA								
ASIA EX AUSTRALIA INDEX	EPAAE	EPAAU	EPAAG	EPAAJ			TEPAAE	TEPAU	TEPAAG	TEPAJ		TRPAAE	TRPAU	TRPAAG	TRPAJ				
ASIA EX AUSTRALIA INDUSTRIAL INDEX	EAAIE	EAAIU	EAAIG	EAAIJ	EAAIA		TEAAIE	TEAAIU	TEAAIG	TEAAJ	TEAIA								
ASIA EX AUSTRALIA INDUSTRIAL/OFFICE MIXED INDEX	EAAIME	EAAIMU	EAAIMG	EAAIJ	EAAIMA		TEAAIME	EAAIMU	EAAIMG	EAAIJ	EAAIMA								
ASIA EX AUSTRALIA LODGING/RESORTS INDEX	EAALE	EAALU	EAAALG	EAAALJ	EAAALA		TEAALE	EAAALU	EAAALG	EAAALJ	EAAALA								
ASIA EX AUSTRALIA NON-RENTAL INDEX	EAAANE	EAAANU	EAAANG	EAAANJ	EAAANA		TEAAANE	EAAANU	EAAANG	EAAANJ	EAAANA								
ASIA EX AUSTRALIA OFFICE INDEX	EAAOEE	EAAOEU	EAAOEG	EAAOJ	EAAOEA		TEAAOEE	EAAOEU	EAAOEG	EAAOJ	EAAOEA								
ASIA EX AUSTRALIA RENTAL INDEX	EAAARE	EAAARU	EAAARIG	EAAARJ	EAAARA		TEAAARE	EAAARU	EAAARIG	EAAARJ	EAAARA								
ASIA EX AUSTRALIA RETAIL INDEX	EAAATE	EAAATU	EAAATG	EAAATJ	EAAATA		TEAAATE	EAAATU	EAAATG	EAAATJ	EAAATA								
ASIA EX AUSTRALIA SELF STORAGE INDEX	EAAASE	EAAASU	EAAASG	EAAASJ	EAAASA		TEAAASE	EAAASU	EAAASG	EAAASJ	EAAASA								
ASIA EX AUSTRALIA RESIDENTIAL INDEX	EAAAE	EAAAEU	EAAAEG	EAAAEJ	EAAAEA		TEAAAE	EAAAEU	EAAAEG	EAAAEJ	EAAAEA								
ASIA EX AUSTRALIA SPECIALTY INDEX	EAAAPE	EAAAPU	EAAAPG	EAAAPJ	EAAAPA		TEAAPE	EAAAPU	EAAAPG	EAAAPJ	EAAAPA								
ASIA INDEX	<b>EGAS</b>												<b>REGA</b>						
ASIA INDUSTRIAL INDEX	EGAIIE	EGAIU	EGAIIG	EGAIJ	EGAIIA		TEGAIIE	EGAIU	TEGAIIG	TEGAIJ	TEGAIIA								
ASIA LODGING/RESORTS INDEX	EGALE	EGALU	EGALG	EGALJ	EGALA		TEGALE	EGALU	TEGALG	TEGALJ	TEGALA								
ASIA NON-REITS INDEX	EGASIE	EGASU	EGASIG	EGASJ	EGASIA		TEGASIE	EGASU	TEGASIG	TEGASJ	TEGASIA								
ASIA OFFICE INDEX	EGAFIE	EGAFU	EGAFG	EGAFJ	EGAFIA		TEGAFIE	EGAFU	TEGAFG	TEGAFJ	TEGAFIA								
ASIA PAC EX JPN EX AUS LIQUID INDEX	GSLOAPE	GSLOAPU	GSLOAPG	GSLOAPJ	GSLOAPA	GSLOAPH (HKD), GSLOAPS (SGD)	TGSLOAPE	TGSLOAPU	TGSLOAPG	TGSLOAPJ	TGSLOAPA	TGSLOAPH (HKD), TGSLOAPS (SGD)							
ASIA REITS INDEX	ERASE	ERASU	ERASG	ERASJ	ERASA		TERASE	TERASU	TERASG	TERASJ	TERASA								
ASIA RESIDENTIAL INDEX	EGAEIE	EGAEU	EGAEG	EGAEJ	EGAEA		TEGAIE	EGAEU	TEGAEG	TEGAJ	TEGAEA								
ASIA RETAIL INDEX	EGATE	EGATU	EGATG	EGATJ	EGATA		TEGATE	EGATU	TEGATG	TEGATJ	TEGATA								
AUSTRALIA HEDGED IN US\$ INDEX	ELHAU						TELHAU						FTAHUST						
AUSTRALIA INDEX	ENAU	ENAU	ENAU	ENAU	ENAU		REAU	REAU	REAU	REAU	REAU								
AUSTRALIA LIQUID INDEX	LIQELAUJ	LIQELAUJ	LIQELAUJ	LIQELAUJ	LIQELAUJ		TLQELAUJ	TLQELAUJ	TLQELAUJ	TLQELAUJ	TLQELAUJ	TRLAUE	TRLAUJ	TRLAUG	TRLAUJ	TRLAUL			
AUSTRIA INDEX	EPAS	UPAS	PPAS	YPAS			REPAS	RUPAS	RPAS	RYAS		TRPASE	TRPASU	TRPASG	TRPASJ				
BELGIUM INDEX	EPBL	UPBL	PPBL	YPBL			RPBL	RUPBL	RPBL	RYBL		TRPBLE	TRPBLU	TRPBLG	TRPBLJ				
CANADA INDEX	ENCA	UNCA	PLCA	YLCA		ELCA (CAD)	RCAE	RCAU	RPCA	RYCA	RCAC (CAD)	TRLCAE	TRLCAU	TRLCAG	TRLCAJ	TRLCAL (CAD)			
CUSTOM GLOBAL INDEX INDEX	FTGIUSD						FTGIUSTR						FTGILCTR						
CZECH REPUBLIC INDEX	<b>EPDK</b>						<b>RDPK</b>						<b>TRPCZE</b>						
DENMARK INDEX	<b>FENEI</b>						<b>RUPDK</b>						<b>TRLDKE</b>						
EMERGING MARKET INDEX	<b>EPDK</b>						<b>RUPDK</b>						<b>TRLDKE</b>						
EUROPE CAPPED INDEX	EORAE	EORAU	EORAG	EORAJ			TEORAE	EORAU	TEORAG	EORAJ		RORA	RORA	RORA	RORA				
EUROPE DIVERSIFIED INDEX	EPRDE	EPRDU	EPRDG	EPRDJ	EPRDA		TEPRDE	EPRDU	TEPRDG	EPRDJ	EPRDA								
EUROPE EURO ZONE CAPPED INDEX	EOEUE	EOEUJ	EOEUG	EOEJ			TEOEUE	EOEUJ	TEOEUG	EOEJ		ROEU	ROEU	ROEU	ROEU				
EUROPE EURO ZONE DIVERSIFIED INDEX	EPEDE	EPEDU	EPEDG	EPEJ	EPEDA		TEPEDE	EPEDU	TEPEDG	EPEJ	EPEDA								
EUROPE EURO ZONE INDEX	EPEUE	EPEUJ	EPEUG	EPEJ			TEPEUE	EPEUJ	TEPEUG	EPEJ		NEPEU	NUPEU	NPPEU	NYPEU				
EUROPE EURO ZONE INDUSTRIAL INDEX	EPEIE	EPEIU	EPEIG	EPEIJ	EPEIA		TEPEIE	EPEIU	TEPEIG	EPEIJ	EPEIA								
EUROPE EURO ZONE OFFICE INDEX	EPEFE	EPEFU	EPEFG	EPEFJ	EPEFA		TEPEFE	EPEFU	TEPEFG	EPEFJ	EPEFA								
EUROPE EURO ZONE RESIDENTIAL INDEX	EPERE	EPERU	EPERIG	EPERJ	EPERA		TEPERE	EPERU	TEPERIG	EPERJ	EPERA								
EUROPE EURO ZONE RETAIL INDEX	EPETE	EPETU	EPETG	EPETJ	EPETA		TEPETE	EPETU	TEPETG	EPETJ	EPETA								
EUROPE EX UK CAPPED INDEX	<b>EOUK</b>						<b>TEOUKE</b>						<b>ROUK</b>						
EUROPE EX UK DIVIDEND+ INDEX	<b>ENDP</b>						<b>TEOUKU</b>						<b>ROUK</b>						
EUROPE EX UK INDEX	<b>EXUK</b>						<b>RUXK</b>						<b>REXUK</b>						
EUROPE EX UK LIQUID INDEX	GSLOEUE	GSLOEUU	GSLOEUG	GSLOEJ	GSLOEUA	GSLOEUH (HKD), GSLOEUS (SGD)	TGSLOEUE	TGSLOEUU	TGSLOEUG	TGSLOEJ	TGSLOEUA	TGSLOEUH (HKD), TGSLOEUS (SGD)	REXUK	NUXUK	NPXUK	NYXUK			
EUROPE HEALTHCARE INDEX	EPRIE	EPRIU	EPRIIG	EPRIJ	EPRIA		TEPRIE	EPRIU	TEPRIIG	EPRIJ	EPRIA								
EUROPE INDEX	<b>EPRA</b>						<b>RUPRA</b>						<b>NEPRA</b>						
EUROPE INDUSTRIAL INDEX	EPRIE	EPRIU	EPRIIG	EPRIJ	EPRIA		TEPRIE	EPRIU	TEPRIIG	EPRIJ	EPRIA								
EUROPE LIQUID 40 CAPPED INDEX INDEX	SOELU	SOELU	SOELG	SOELJ			RSOELU	RSOELU	RSOELG	RSOELJ		ROEL	ROEL	ROEL	ROEL				
EUROPE LIQUID 40 EX UK CAPPED INDEX	SOXJU	SOXJU	SOXUG	SOXJ			RSOXJU	RSOXJU	RSOXUG	RSOXJ		ROXU	ROXU	ROXU	ROXU				
EUROPE LIQUID 40 EX UK INDEX	SSXU	USXU	PSXU	YSXU			RSXU	RUSX	RPXU	RYXU		NSXU	NUSXU	NPSXU	NYXU				
EUROPE LIQUID 40 INDEX	SSSEL	USEL	PSSEL	YSEL			RSSL	RUSE	RPEL	RYSE		NSSL	NUSSEL	NPSSEL	NYSSL				
EUROPE LODGINGS/RESORTS INDEX	EPRLIE	EPRLU	EPRLIG	EPRLJ	EPRLA		TEPRLIE	EPRLU	TEPRLIG	EPRLJ	EPRLA								
EUROPE NON-REITS INDEX	ENEEI	ENEEU	ENEEIG	ENEEJ	ENEEA		TENEEI	ENEEU	TENEEIG	ENEEJ	ENEEA								
EUROPE OFFICE INDEX	EPRFIE	EPRFU	EPRFIG	EPRFJ	EPRFIA		TEPRFIE	EPRFU	TEPRFIG	EPRFJ	EPRFIA								
EUROPE REITS INDEX	EREEI	EREEU	EREEIG	EREEJ	EREEA		TEREEI	EREEU	TEREEIG	EREEJ	EREEA								
EUROPE RESIDENTIAL INDEX	EPREE	EPREU	EPREG	EPREJ	EPREA		TEPREE	EPREU	TEPRREG	EPREJ	EPREA								
EUROPE RETAIL INDEX	EPRTIE	EPRTU	EPRTIG	EPRTJ	EPRTA		TEPRTIE	EPRTU	TEPRTIG	EPRTJ	EPRTA								
EUROPE SELF STORAGE INDEX	EPRSIE	EPRSU	EPRSIG	EPRSJ	EPRSA		TEPRSIE	EPRSU	TEPRSIG	EPRSJ	EPRSA								
EUROPE SPECIALTY INDEX	EPRIE	EPRIU	EPRIIG	EPRIJ	EPRIA		TEPRIE	EPRIU	TEPRIIG	EPRIJ	EPRIA								
EUROPE UK RESTRICTED INDEX	<b>EPHG</b>						<b>RPHG</b>						<b>TRPHGE</b>						
EUROPE EMERGING INDEX	<b>FENEU</b>						<b>RPHG</b>						<b>TRPHGU</b>						
EMEA EMERGING INDEX	<b>FENEM</b>						<b>RPPFI</b>						<b>TRPFIU</b>						
FINLAND INDEX	EPFI	UPFI	PPFI	YPFI			RPFIE	RUPFI	RPPFI	RYFI		TRPFIU	TRPFIU	TRPFIG	TRPFIJ				
FRANCE INDEX	EPFR	UPFR	PPFR	YFR			RPFRE	RUPFR	RPPFR	RYFR		TRPFRU	TRPFRU	TRPFRG	TRPFRJ				

Data Vendor Codes - Indices



	Price Indices						Gross Total Return Indices						Net Total Return Indices					
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local
GERMANY INDEX	EPGR	UPGR	PPGR	YPGR			RPGR	RUPGR	RPGR	RYGR			TRPGRE	TRPGRU	TRPGRG	TRPGRU		
GLOBAL DIVERSIFIED INDEX	ENGVE	ENGVU	ENGVG	ENGVJ	ENGVV		TENGE	TENGVU	TENGVG	TENGVJ	TENGVV							
GLOBAL DIVIDEND+ INDEX	ENGDD																	
GLOBAL EX ASIA INDEX	EGXA	UGXA	PGXA	YGXA			REXA	RUXA	RPXA	RYXA			TRGXAE	TRGXAU	TRGXAG	TRGXAJ		
GLOBAL EX ASIA NON-REITS INDEX	ENXAE	ENXAU	ENXAG	ENXAJ			TENXAE	TENXAU	TENXAG	TENXAJ								
GLOBAL EX ASIA REITS INDEX	ERXAE	ERXAU	ERXAG	ERXAJ			TERXAE	TERXAU	TERXAG	TERXAJ								
GLOBAL EX AUSTRALIA HEDGED IN AUD INDEX						EGAAL						TEGAAL						
GLOBAL EX AUSTRALIA HEDGED IN USD INDEX		EGAHU					TEGAHU											
GLOBAL EX AUSTRALIA INDEX		GAXAU			GAXAA		GAAXAU							TRAXAU				TRAXAA
GLOBAL EX AUSTRALIA NON-RENTAL IN AUD HEDGED INDEX		GAHNU			GAHNA		TGAHNU											
GLOBAL EX AUSTRALIA NON-RENTAL IN AUD UNHEDGED INDEX		GAUNU			GAUNA		TGAUNU											
GLOBAL EX AUSTRALIA RENTAL IN AUD HEDGED INDEX		GAHRU			GAHRA		TGAHRU											
GLOBAL EX AUSTRALIA RENTAL IN AUD UNHEDGED INDEX		GAURU			GAURA		TGAURU											
GLOBAL EX EUROPE INDEX	EOXE	UGXE	PGXE	YGXE			REXE	RUXE	RPXE	RYXE			TRGXEE	TRGXEU	TRGXEG	TRGXEJ		
GLOBAL EX EUROPE NON-REITS INDEX	ENXEE	ENXEU	ENXEG	ENXEJ			TENXEE	TENXEU	TENXEG	TENXEJ								
GLOBAL EX EUROPE REITS INDEX	ERXEE	ERXEU	ERXEG	ERXEJ			TERXEE	TERXEU	TERXEG	TERXEJ								
GLOBAL EX JAPAN INDEX	EGXIE	EGXJU	EGXJG	EGXJJ			TEGXIE	TEGXJU	TEGXJG	TEGXJJ			TRGXIE	TRGXJU	TRGXJG	TRGXJJ		
GLOBAL EX NORTH AMERICA	EGXN	UGXN	PGXN	YGXN			REXN	RUXN	RPXN	RYXN			TRGXNE	TRGXNU	TRGXNG	TRGXNJ		
GLOBAL EX US INDEX	EUGXU	EGXU	PGXU	YGXU			REGXU	REGXU	RPXU	RYXU			TRGXUE	TRGXUU	TRGXUG	TRGXUU		
GLOBAL EX US LIQUID INDEX	GSLXUSE	GSLXUSU	GSLXUSG	GSLXUSJ	GSLXUSA	GSLXUSH (HKD), GSLXUSS (SGD)	TGSLXUSE	TGSLXUSU	TGSLXUSG	TGSLXUSJ	TGSLXUSA	TGSLXUSH (HKD), TGSLXUSS (SGD)						
GLOBAL EX US NON-REITS INDEX	ENXUE	ENXUU	ENXUG	ENXUJ			TENXUE	TENXUU	TENXUG	TENXUJ								
GLOBAL EX US REITS INDEX	ERXUE	ERXUU	ERXUG	ERXUJ			TERXUE	TERXUU	TERXUG	TERXUJ								
GLOBAL HEALTHCARE INDEX	ENGEE	ENGEU	ENGEG	ENG EJ	ENG EA		TENGE	TENGEU	TENGEG	TENGEJ	TENGEA							
GLOBAL HEDGED IN AUD INDEX						EGHAA					TEGAA							
GLOBAL INDEX	ENGL	UNGL	PNGL	YNGL			RNGL	RUGL	RPGL	RYGL			TRNGLE	TRNGLU	TRNGLG	TRNGLJ		
GLOBAL INDUSTRIAL INDEX	ENGIE	ENGIU	ENGIG	ENGIJ	ENGIN		TENGE	TENGIU	TENGIG	TENGIJ	TENGIN							
GLOBAL INDUSTRIAL/OFFICE INDEX	ENGM	ENGMU	ENGMG	ENGMJ	ENGMA		TENGM	TENGMU	TENGMG	TENGMJ	TENGMA							
GLOBAL LIQUID INDEX	GSLQGLE	GSLQGLU	GSLQGLG	GSLQGLJ	GSLQGLA	GSLQGLH (HKD), GSLQGLS (SGD)	TGSLQGLE	TGSLQGLU	TGSLQGLG	TGSLQGLJ	TGSLQGLA	TGSLQGLH (HKD), TGSLQGLS (SGD)						
GLOBAL LODGING/RESORTS INDEX	ENGDE	ENGDU	ENG DG	ENG DJ	ENG DA		TENGE	TENGDU	TENG DG	TENG DJ	TENG DA							
GLOBAL NON-REITS INDEX	ENRUE	ENRUU	ENRUG	ENRUJ	ENRUA		TENRUE	TENRUU	TENRUG	TENRUJ	TENRUA							
GLOBAL OFFICE INDEX	ENGFE	ENGFU	ENGFG	ENG FJ	ENG FA		TENGE	TENGFU	TENGFG	TENG FJ	TENG FA							
GLOBAL REITS INDEX	ERGLU						TENGE	TENGFU	TENGFG	TENG FJ	TENG FA							
GLOBAL REITS INDEX	ERGLE	ERGLU	ERGLG	ERGLJ			TERGLE	TERGLU	TERGLG	TERGLJ								
GLOBAL RESIDENTIAL INDEX	ENGAE	ENG AU	ENG AG	ENG AJ	ENG AA		TENGE	TENGAU	TENGAG	TENGAJ	TENGA							
GLOBAL RETAIL INDEX	ENGTE	ENG TU	ENG TG	ENG TJ	ENG TA		TENGE	TENGTU	TENGTG	TENGTJ	TENGT A							
GLOBAL SELF STORAGE INDEX	ENGSE	ENG SU	ENG SG	ENG SJ	ENG SA		TENGE	TENGSU	TENGSG	TENG SJ	TENG SA							
GLOBAL SPECIALTY INDEX	ENGPE	ENG PU	ENG PG	ENG PJ	ENG PA		TENGE	TENGPU	TENGP G	TENG PJ	TENG PA							
GREECE INDEX	EPGC	UPGC	PPGC	YPGC			RPGC	RUPGC	PPGC	RYGC			TRPGCE	TRPGCU	TRPGCG	TRPGCJ		
HONG KONG INDEX	ENHK	USHK	PLHK	YLHK		ELHK (HKD)	REHK	RUHK	RPHK	RYHK		RHHK (HKD)	TRLHKE	TRLHKU	TRLHKG	TRLHKJ	TRLHKL (HKD)	
HUNGARY INDEX													TRPHUE	TRPHUU	TRPHUG	TRPHUJ	TRPHUL (HUG)	
IRELAND INDEX	EPIR	UPIR					RPIR	RUPIR					TRPIRE	TRPIRU	TRPIRG	TRPIRJ		
ITALY INDEX	EPIT	UPIT	PPIT	YPIT			RPIT	RUPIT	RPPI	RYIT			TRPITE	TRPITU	TRPITG	TRPITJ		
JAPAN INDEX	ENJP	UNJP	PLJP	ELJP			REJP	RUJP	RPPJ	RYJP			TRPJPE	TRPJPU	TRPJPG	TRPJPJ		
JAPAN LIQUID INDEX	LIQELJE	LIQELJU	LIQELJG	LIQELJJ	LIQELJA	LIQELJH (HKD), LIQELJS (SGD)	TLQELJE	TLQELJU	TLQELJG	TLQELJJ	TLQELJA	TLQELJH (HKD), TLQELJS (SGD)						
NETHERLANDS INDEX	ENPL	UNPL	PLNL	YLNL			RPNL	RUPNL	RPPL	RYPL			TRPNLE	TRPNLU	TRPNLG	TRPNLJ	TRPNLZ (NZD)	
NEW ZEALAND INDEX	ENNZ	UNNZ	PLNZ	YLNZ	ELNZ (NZD)		RENNZ	RUNNZ	RPNZ	RYNZ			TRNLZE	TRNLZU	TRNLZG	TRNLZJ	TRNLZL (NZD)	
NORTH AMERICA DIVERSIFIED INDEX	EGNDE	EGNDU	ENG DG	ENG DJ	ENG DA		TEGNDE	TEGN DU	TEGN DG	TEGN DJ	TEGN DA							
NORTH AMERICA HEALTHCARE INDEX	EGNHE	EGNHU	ENG HG	ENG HJ	ENG HA		TEGNHE	TEGN HU	TEGN HG	TEGN HJ	TEGN HA							
NORTH AMERICA INDEX	EGNA	UGNA	PGNA	YGNA			REGN	RUGN	RPGN	RYNA			TRGNAE	TRGNAU	TRGNAG	TRGNAJ		
NORTH AMERICA INDUSTRIAL INDEX	EGNIE	ENGIU	ENG IG	ENGIJ	ENGIN		TEGNIE	TEGN IU	TEGN IG	TEGN IJ	TEGN IN							
NORTH AMERICA LIQUID INDEX	GSLQNAE	GSLQNAU	GSLQNAG	GSLQNAJ	GSLQNA A	GSLQNAH (HKD), GSLQNAS (SGD)	TGSLQNAE	TGSLQNAU	TGSLQNAG	TGSLQNAJ	TGSLQNA A	TGSLQNAH (HKD), TGSLQNAS (SGD)						
NORTH AMERICA LODGING/RESORTS INDEX	EGNLE	EGNLU	EGNLG	EGNLJ	EGNLA		TEGNLE	TEGN LU	TEGN LG	TEGN LJ	TEGN LA							
NORTH AMERICA INDUSTRIAL/OFFICE MIXED INDEX	ENGM	ENGMU	ENGMG	ENGMJ	ENGMA		TENGM	TENGMU	TENGMG	TENGMJ	TENGMA							
NORTH AMERICA OFFICE INDEX	ENGFE	ENGFU	ENG FG	ENG FJ	ENG FA		TEGNFE	TEGN FU	TEGN FG	TEGN FJ	TEGN FA							
NORTH AMERICA RESIDENTIAL INDEX	ENGNE	ENG NU	ENG NG	ENG NJ	ENG NA		TEGNNE	TEGN NU	TEGN NG	TEGN NJ	TEGN NA							
NORTH AMERICA RETAIL INDEX	ENGTE	ENG TU	ENG TG	ENG TJ	ENG TA		TEGNTE	TEGN TU	TEGN TG	TEGN TJ	TEGN TA							
NORTH AMERICA SELF STORAGE INDEX	ENGSE	ENG SU	ENG SG	ENG SJ	ENG SA		TEGNSE	TEGN SU	TEGN SG	TEGN SJ	TEGN SA							
NORTH AMERICA SPECIALTY INDEX	ENGPE	ENG PU	ENG PG	ENG PJ	ENG PA		TEGNPE	TEGN PU	TEGN PG	TEGN PJ	TEGN PA							
NORWAY INDEX	ENPK	UPNK				ELNK (NOK)	RPNK						TRLNKE	TRLNKU	TRLNKG	TRLNKJ	TRLNKL (NOK)	
MIDDLE EAST/AFRICA EMERGING INDEX	FENME																	
POLAND INDEX													TRPPOE	TRPPOU	TRPPOG	TRPPOJ	TRPPOL (PLN)	
PORTUGAL INDEX	EPPT	UPPT					RPPT	RUPPT					TRPPT E	TRPPTU	TRPPTG	TRPPTJ		
PURE ASIA EX AUSTRALIA INDEX							TFEPAAE											
PURE ASIA INDEX	EGPA	UGPA	PGPA	YGPA			REPA	RUPA	RPPA	RYPA			TRGPAE	TRGPAU	TRGPAG	TRGPAJ		
PURE AUSTRALIA INDEX	EP AU	UP AU	PP AU	YP AU	LPAU		REPAU	RU AU	RPP AU	RYPAU	RLPA		TRPAUE	TRPAUU	TRPAUG	TRPAUJ	TRPAUL	
SINGAPORE INDEX	ENSI	UNSI	PLSI	YLSI		ELSI (SGD)	RESI	RUSI	RPSI	RYSI			TRPSIE	TRPSIU	TRPSIG	TRPSIJ	TRPSIL (SGD)	
SOUTH KOREA INDEX													TRPKSE	TRPKSU	TRPKSG	TRPKSJ	TRPKSL (KRW)	
SPAIN INDEX	EPSP	UPSP	PPSP	YPSP			RPSP	RUPSP	RPPS	RYSP			TRPSPE	TRPSPU	TRPSPG	TRPSPJ		
SWEDEN INDEX	EPSD	UPSD	PPSD	YPSD		ELSD (SEK)	RPSD	RUPSD	RPPSD	RYSD		RLSD (SEK)	TRLSD E	TRLSDU	TRLSDG	TRLSDJ	TRLSDL (SEK)	
SWITZERLAND INDEX	EPSW	UPSW	PPSW	YPSW		ELSW (CHF)	RPSW	RUPSW	RPPSW	RYSW		RLSW (CHF)	TRLSWE	TRLSWU	TRLSWG	TRLSWJ	TRLSWL (CHF)	

Data Vendor Codes - Indices



	Price Indices						Gross Total Return Indices						Net Total Return Indices					
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local
UK DIVERSIFIED INDEX	ELUDE	ELLUDJ	ELUDG	ELUDJ	ELUDA		TELUDE	TELUDJ	TELUDG	TELUDJ	TELUDA							
UK HEALTHCARE INDEX	ELUHE	ELUHU	ELUHG	ELUHJ	ELUHA		TELUHE	TELUHU	TELUHG	TELUHJ	TELUHA							
UK INDEX	EPUK	UPUK	ELUK	YLUK			RPUK	RPUK	RLUK	RYUK			NEPUK	NUPUK	NPPUK	NYPUK		
UK INDUSTRIAL INDEX	ELUIE	ELUIU	ELUIG	ELUIJ	ELUIA		TELUIE	TELUIU	TELUIG	TELUJ	TELUIA							
UK LIQUID INDEX	LIQELUE	LIQELUJ	LIQELUG	LIQELUJ	LIQELUA	LIQELUH (HKD), LIQELUS (SGD)	TLIQELUE	TLIQELUJ	TLIQELUG	TLIQELUJ	TLIQELUA	TLIQELUH (HKD), TLIQELUS (SGD)						
UK LODGINGS/RESORTS INDEX	ELUIE	ELUIU	ELUIG	ELUIJ	ELUIA		TELUFE	TELUFU	TELUFG	TELUFJ	TELUFA							
UK NON-REITS INDEX	ENUKNRE	ENUKNRU	ENUKNRG	ENUKNRJ			TENUKRE	TENUKRU	TENUKRG	TENUKRJ								
UK OFFICE INDEX	ELUFE	ELUFU	ELUFG	ELUFJ	ELUFA		TELUFE	TELUFU	TELUFG	TELUFJ	TELUFA							
UK PROPERTY INDEX	INAVEUPE	INAVEUPU	INAVEUPG			INAVEUPC (CHF)												
UK REITS INDEX	ENUKRE	ENUKRU	ENUKRG	ENUKRJ			TENUKRE	TENUKRU	TENUKRG	TENUKRJ								
UK RESIDENTIAL INDEX	ELUEE	ELUEU	ELUEG	ELUEJ	ELUEA		TELUFE	TELUFU	TELUFG	TELUFJ	TELUFA							
UK RETAIL INDEX	ELUTE	ELUTU	ELUTG	ELUTJ	ELUTA		TELUFE	TELUFU	TELUFG	TELUFJ	TELUFA							
UK SELF STORAGE INDEX	ELUSE	ELUSU	ELUSG	ELUSJ	ELUSA		TELUFE	TELUFU	TELUFG	TELUFJ	TELUFA							
UK SPECIALTY INDEX	ELUPE	ELUPU	ELUPG	ELUPJ	ELUPA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US DIVERSIFIED INDEX	UNUJE	UNUJU	UNUJG	UNUJ	UNUDA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US DIVIDEND+ INDEX	ENUD																	
US HEALTHCARE INDEX	UNUHE	UNUHU	UNUHJ	UNUHJ	UNUHA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US INDEX	ENUS	UNUS	PNUS	YNUS			REUS	RUSU	RPNJ	RYUS			TRNUSE	TRNUSU	TRNUSG	TRNUSJ		
US INDUSTRIAL INDEX	UNUJE	UNUJU	UNUJG	UNUJ	UNUJA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US INDUSTRIAL/OFFICE MIXED INDEX	UNUME	UNUMU	UNUMG	UNUMJ	UNUMA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US LODGINGS/RESORTS INDEX	UNUJE	UNUJU	UNUJG	UNUJ	UNULA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US OFFICE INDEX	UNUFA	UNUFU	UNUFG	UNUFJ	UNUFA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US RESIDENTIAL INDEX	UNUEE	UNUEU	UNUEG	UNUEJ	UNUEA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US RETAIL INDEX	UNUTE	UNUTU	UNUTG	UNUTJ	UNUTA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US SELF STORAGE INDEX	UNUOE	UNUOU	UNUOG	UNUOJ	UNUOA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							
US SPECIALTY INDEX	UNUPE	UNUPU	UNUPG	UNUPJ	UNUPA		TUNUPE	TUNUPU	TUNUPG	TUNUPJ	TUNUPA							

Data Vendor Codes - Indices

REUTERS



	Price Indices						Gross Total Return Indices						Net Total Return Indices					
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local
AMERICAS EMERGING INDEX	.FTENEL																	
ASIA 33 INDEX	.FTENA3						.FTENA3											
ASIA DIVIDEND+ INDEX	.FTENA3						.FTENAD											
ASIA EMERGING INDEX	.FTENA3																	
ASIA EX AUSTRALIA INDEX	.FTEGAS	.FTUGAS					.FTEGASE	.FTEGASU	.FTEGASY	.FTEGASS		.FTEGASL	.FTTRPAAE	.FTTRPAAU	.FTTRPAAS	.FTTRPAAY		.FTTRPAAL
ASIA INDEX	.FTEGAS	.FTUGAS					.FTENASE	.FTENASU	.FTENASS	.FTENASY		.FTENASL	.FTTRGASE	.FTTRGASU	.FTTRGASS	.FTTRGASY		.FTTRGASL
ASIA NON-REITS INDEX							.FTERASE	.FTERASU	.FTERASS	.FTERASY		.FTERASL	.FTTRPASE	.FTTRPASU	.FTTRPASS	.FTTRPASY		.FTTRPASL
ASIA REITS INDEX							.FTELAU	.FTELAUU	.FTELAUJ	.FTELAUS		.FTELAUL	.FTTRLAUE	.FTTRLAUU	.FTTRLAUS	.FTTRLAUJ		.FTTRLAUL
AUSTRALIA INDEX				.FTELAU			.FTEPASE	.FTEPASU	.FTEPASY	.FTEPASS		.FTEPASL	.FTTRPASE	.FTTRPASU	.FTTRPASS	.FTTRPASY		.FTTRPASL
AUSTRIA INDEX							.FTEPBLE	.FTEPBLU	.FTEPBLJ	.FTEPBLS		.FTEPBLL	.FTTRPBLE	.FTTRPBLU	.FTTRPBLS	.FTTRPBLY		.FTTRPBLL
BELGIUM INDEX							.FTELCAE	.FTELCAU	.FTELCAJ	.FTELCAS		.FTELCAL	.FTTRLCAE	.FTTRLCAU	.FTTRLCAS	.FTTRLCAY		.FTTRLCAL
CANADA INDEX													.FTELDK	.FTELDKU	.FTELDKS	.FTELDKY		.FTELDKL
CZECH INDEX													.FTTRDK	.FTTRDKU	.FTTRDKS	.FTTRDKY		.FTTRDKL
DENMARK INDEX							.FTENEL						.FTTRDK	.FTTRDKU	.FTTRDKS	.FTTRDKY		.FTTRDKL
EMERGING MARKET INDEX	.FTENEL						.FTEORA											
EUROPE CAPPED INDEX	.FTEORA						.FTEOEU											
EUROPE EURO ZONE CAPPED INDEX	.FTEOEU						.FTEPEU	.FTEPEUU	.FTEPEUJ	.FTEPEUS		.FTEPEUL	.FTTRPEUE	.FTTRPEUU	.FTTRPEUS	.FTTRPEUJ		.FTTRPEUL
EUROPE EURO ZONE INDEX	.FTEPEU						.FTEOUK											
EUROPE EX UK CAPPED INDEX	.FTEOUK						.FTENDP						.FTENDPE	.FTENDPU	.FTENDPS	.FTENDPY		.FTENDPL
EUROPE EX UK DIVIDEND+ INDEX	.FTENDP						.FTEXUK	.FTEXUKU	.FTEXUKJ	.FTEXUKS		.FTEXUKL	.FTTRXUKE	.FTTRXUKU	.FTTRXUKJ	.FTTRXUKS		.FTTRXUKL
EUROPE EX UK INDEX	.FTEXUK						.FTEPRAE	.FTEPRAU	.FTEPRAJ	.FTEPRAS		.FTEPRAL	.FTTRPRAE	.FTTRPRAU	.FTTRPRAS	.FTTRPRAJ		.FTTRPRAL
EUROPE INDEX	.FTEPRA	.FTUPRA					.FTSSXU	.FTSSXUU	.FTSSXUJ	.FTSSXUS		.FTSSXUL	.FTTRPXU	.FTTRPXUU	.FTTRPXUJ	.FTTRPXUS		.FTTRPXUL
EUROPE LIQUID 40 EX UK INDEX							.FTSSEL	.FTSSELU	.FTSSELJ	.FTSSELS		.FTSSELL	.FTTRSELE	.FTTRSELU	.FTTRSELS	.FTTRSELY		.FTTRSELL
EUROPE LIQUID 40 INDEX							.FTENEE						.FTTRSELE	.FTTRSELU	.FTTRSELS	.FTTRSELY		.FTTRSELL
EUROPE NON-REITS INDEX	.FTENEE						.FTEREE											
EUROPE REITS INDEX	.FTEREE						.FTEPHG	.FTEPHGU	.FTEPHGJ	.FTEPHGS		.FTEPHGL	.FTTRPHGE	.FTTRPHGU	.FTTRPHGS	.FTTRPHGJ		.FTTRPHGL
EUROPE UK RESTRICTED INDEX	.FTEPHG																	
EUROPE EMERGING INDEX	.FTENEU																	
EMEA EMERGING INDEX	.FTENEM																	
FINLAND INDEX							.FTEPHG	.FTEPHGU	.FTEPHGJ	.FTEPHGS		.FTEPHGL	.FTTRPHGE	.FTTRPHGU	.FTTRPHGS	.FTTRPHGJ		.FTTRPHGL
FRANCE INDEX							.FTEPFIE	.FTEPFIU	.FTEPFIJ	.FTEPFIS		.FTEPFIL	.FTTRPFIE	.FTTRPFIU	.FTTRPFIS	.FTTRPFIJ		.FTTRPFIL
GERMANY INDEX							.FTEPFRE	.FTEPFRU	.FTEPFRIJ	.FTEPFRS		.FTEPFRL	.FTTRPFRE	.FTTRPFRU	.FTTRPFRS	.FTTRPFRIJ		.FTTRPFRL
GLOBAL DIVIDEND+ INDEX	.FTENG						.FTEPGR	.FTEPGRU	.FTEPGRJ	.FTEPGRS		.FTEPGRL	.FTTRPGR	.FTTRPGRU	.FTTRPGRS	.FTTRPGRJ		.FTTRPGRL
GLOBAL EX ASIA INDEX	.FTENG						.FTEGXAE	.FTEGXAU	.FTEGXAJ	.FTEGXAS		.FTEGXAL	.FTTRGXAE	.FTTRGXAU	.FTTRGXAS	.FTTRGXAJ		.FTTRGXAL
GLOBAL EX ASIA NON-REITS INDEX							.FTENXAE	.FTENXAU	.FTENXAJ	.FTENXAS		.FTENXAL	.FTTRNXAE	.FTTRNXAU	.FTTRNXAS	.FTTRNXAJ		.FTTRNXAL
GLOBAL EX ASIA REITS INDEX							.FTERXAE	.FTERXAU	.FTERXAJ	.FTERXAS		.FTERXAL	.FTTRRXAE	.FTTRRXAU	.FTTRRXAS	.FTTRRXAJ		.FTTRRXAL
GLOBAL EX AUSTRALIA HEDGED IN AUD INDEX												.FTEGAA						
GLOBAL EX AUSTRALIA HEDGED IN USD INDEX													.FTEGAH					
GLOBAL EX AUSTRALIA INDEX												.FTTRAXA						
GLOBAL EX EUROPE INDEX							.FTEGXE	.FTEGXEU	.FTEGXEUJ	.FTEGXES		.FTEGXEL	.FTTRGXEE	.FTTRGXEU	.FTTRGXES	.FTTRGXEUJ		.FTTRGXEL
GLOBAL EX EUROPE NON-REITS INDEX							.FTENXEE	.FTENXEU	.FTENXEUJ	.FTENXES		.FTENXEL	.FTTRNXEE	.FTTRNXEU	.FTTRNXES	.FTTRNXEUJ		.FTTRNXEL
GLOBAL EX EUROPE REITS INDEX							.FTEGXE	.FTEGXEU	.FTEGXEUJ	.FTEGXES		.FTEGXEL	.FTTRGXEE	.FTTRGXEU	.FTTRGXES	.FTTRGXEUJ		.FTTRGXEL
GLOBAL EX JAPAN INDEX							.FTEGXU	.FTEGXUJ	.FTEGXUS		.FTEGXUL	.FTTRGXUE	.FTTRGXUJ	.FTTRGXUS		.FTTRGXUL		
GLOBAL EX NORTH AMERICA INDEX							.FTEGXN	.FTEGXNU	.FTEGXNJ	.FTEGXNS		.FTEGXNL	.FTTRGXNE	.FTTRGXNU	.FTTRGXNS	.FTTRGXNJ		.FTTRGXNL
GLOBAL EX NORTH AMERICA REITS INDEX												.FTTRXU	.FTTRXUU	.FTTRXUS	.FTTRXUJ		.FTTRXUL	
GLOBAL EX US INDEX	.FTEGXO						.FTENXU	.FTENXUU	.FTENXUS	.FTENXUJ		.FTENXUL	.FTTRXU	.FTTRXUU	.FTTRXUS	.FTTRXUJ		.FTTRXUL
GLOBAL EX US NON-REITS INDEX							.FTERXU	.FTERXUU	.FTERXUS	.FTERXUJ		.FTERXUL	.FTTRRXU	.FTTRRXUU	.FTTRRXUS	.FTTRRXUJ		.FTTRRXUL
GLOBAL EX US REITS INDEX																		
GLOBAL HEDGED IN AUD INDEX												.FTEGHA						
GLOBAL HEDGED IN USD INDEX													.FTTRHAL					
GLOBAL INDEX	.FTENGL	.FTUNGL					.FTENGL	.FTENGLU	.FTENGLJ	.FTENGLS		.FTENGLL	.FTTRNGLE	.FTTRNGLU	.FTTRNGLS	.FTTRNGLJ		.FTTRNGLL
GLOBAL NON-REITS INDEX							.FTENRGE	.FTENRGU	.FTENRGS	.FTENRGJ		.FTENRGL	.FTTRNGRE	.FTTRNGRU	.FTTRNGRS	.FTTRNGRJ		.FTTRNGRL
GLOBAL REITS INDEX							.FTERGLE	.FTERGLU	.FTERGLS	.FTERGLJ		.FTERGLL	.FTTRNGLE	.FTTRNGLU	.FTTRNGLS	.FTTRNGLJ		.FTTRNGLL
GREECE INDEX							.FTEPGCE	.FTEPGCU	.FTEPGCJ	.FTEPGCS		.FTEPGCL	.FTTRPGCE	.FTTRPGCU	.FTTRPGCS	.FTTRPGCJ		.FTTRPGCL
HONG KONG INDEX							.FTLHKE	.FTLHKU	.FTLHKJ	.FTLHKS		.FTLHKL	.FTTRLHKE	.FTTRLHKU	.FTTRLHKS	.FTTRLHKJ		.FTTRLHKL
HUNGARY INDEX							.FTLHKE	.FTLHKU	.FTLHKJ	.FTLHKS		.FTLHKL	.FTTRLHKE	.FTTRLHKU	.FTTRLHKS	.FTTRLHKJ		.FTTRLHKL
IRELAND INDEX							.FTEPIRE	.FTEPIRU	.FTEPIRJ	.FTEPIRS		.FTEPIRL	.FTTRPIRE	.FTTRPIRU	.FTTRPIRS	.FTTRPIRJ		.FTTRPIRL
ITALY INDEX							.FTEPITE	.FTEPITU	.FTEPITJ	.FTEPITS		.FTEPITL	.FTTRPITE	.FTTRPITU	.FTTRPITS	.FTTRPITJ		.FTTRPITL
JAPAN INDEX							.FTELJPE	.FTELJPU	.FTELJPJ	.FTELJPS		.FTELJPL	.FTTRJLPE	.FTTRJLPU	.FTTRJLPS	.FTTRJLPJ		.FTTRJLPL
NETHERLANDS INDEX							.FTEPNLE	.FTEPNLU	.FTEPNLJ	.FTEPNLS		.FTEPNLL	.FTTRPNLE	.FTTRPNLU	.FTTRPNLS	.FTTRPNLJ		.FTTRPNLL
NEW ZEALAND INDEX							.FTELNZE	.FTELNZU	.FTELNZJ	.FTELNZS		.FTELNZL	.FTTRPNLE	.FTTRPNLU	.FTTRPNLS	.FTTRPNLJ		.FTTRPNLL
NORTH AMERICA INDEX	.FTEGNA	.FTUGNA					.FTEGNAE	.FTEGNAU	.FTEGNAY	.FTEGNAS		.FTEGNAL	.FTTRGNAE	.FTTRGNAU	.FTTRGNAY	.FTTRGNAS		.FTTRGNAL
NORWAY INDEX							.FTELNKE	.FTELNKU	.FTELNKJ	.FTELNKS		.FTELNKL	.FTTRLNKE	.FTTRLNKU	.FTTRLNKS	.FTTRLNKJ		.FTTRLNKL
MIDDLE EAST/AFRICA EMERGING INDEX	.FTENME																	
POLAND INDEX							.FTTRPPE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL	.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL
PORTUGAL INDEX							.FTEGPAE	.FTEGPAU	.FTEGPAY	.FTEGPAS		.FTEGPAL	.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL
PURE ASIA INDEX							.FTLPAUE	.FTLPAUU	.FTLPAUJ	.FTLPAUS		.FTLPAUL	.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL
PURE AUSTRALIA INDEX							.FTLSIE	.FTLSIU	.FTLSIJ	.FTLSIS		.FTLSIL	.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL
SINGAPORE INDEX													.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL
SOUTH KOREA INDEX													.FTTRPPEE	.FTTRPPEU	.FTTRPPEJ	.FTTRPPEUS		.FTTRPPEL

## Data Vendor Codes - Indices

**REUTERS**



**THOMSON REUTERS**

	Price Indices						Gross Total Return Indices						Net Total Return Indices					
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local
SPAIN INDEX							.FTEPSPE	.FTEPSPU	.FTEPSPY	.FTEPSPS		.FTEPSPL	.FTRPSPPE	.FTRPSPPU	.FTRPSPPY	.FTRPSPPS		.FTRPSPPL
SWEDEN INDEX							.FTELSDE	.FTELSDU	.FTELSDY	.FTELSDS		.FTELSDL	.FTRLSDE	.FTRLSDU	.FTRLSDY	.FTRLSDS		.FTRLSDL
SWITZERLAND INDEX							.FTELSWE	.FTELSWU	.FTELSWY	.FTELSWS		.FTELSWL	.FTRLSWE	.FTRLSWU	.FTRLSWY	.FTRLSWS		.FTRLSWL
UK INDEX						.FTELUK	.FTELUKE	.FTELUKU	.FTELUKY	.FTELUKS		.FTELUKL	.FTRLPUKE	.FTRLPUKU	.FTRLPUKY	.FTRLPUKS		.FTRLPUKL
UK NON-REITS INDEX							.FTENUKRE	.FTENUKRU	.FTENUKRS	.FTENUKRY		.FTENUKRS						
UK REITS INDEX							.FTENUKRE	.FTENUKRU	.FTENUKRS	.FTENUKRY		.FTENUKRS						
US DIVIDEND+ INDEX		.FTENUD							.FTENUD									
US INDEX			.FTUNUS				.FTUNUSE	.FTUNUSU	.FTUNUSY	.FTUNUSS		.FTUNUSL	.FTUNUSE	.FTUNUSU	.FTUNUSS	.FTUNUSY		.FTUNUSL

# Data Vendor Codes - Indices



## DATASTREAM

Index	Price Indices						Gross Total Return Indices						Net Total Return Indices						
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	
ASIA INDEX	EPRAASE PI	EPRAAJU PI	EPRAAAG PI				EPRAASE RI	EPRAAJU RI	EPRAAAG RI										
AUSTRALIA INDEX	EPRAAUE PI	EPRAAJU PI				EPRAAUA PI	EPRAAUE RI	EPRAAJU RI				EPRAAUA RI							
AUSTRIA INDEX	EPRAAUS PI	EPRAAUS PI					EPRAAUS RI	EPRAAUS RI											
BELGIUM INDEX	EPRABGE PI	EPRABGU PI					EPRABGE RI	EPRABGU RI											
CANADA INDEX	EPRACAE PI	EPRACAU PI				EPRACAC PI	EPRACAE RI	EPRACAU RI				EPRACAC RI							
DENMARK INDEX	EPRADKE PI	EPRADKU PI				EPRADKD PI	EPRADKE RI	EPRADKU RI				EPRADKD RI							
EUROPE EURO ZONE INDEX	EPRAEZE PI	EPRAEZU PI	EPRAEZG PI				EPRAEZE RI	EPRAEZU RI	EPRAEZG RI										
EUROPE EX UK INDEX	EPRAXUE PI	EPRAXJU PI	EPRAXUG PI				EPRAXUE RI	EPRAXJU RI	EPRAXUG RI										
EUROPE INDEX	EPRADXE PI	EPRADXU PI	EPRADXG PI				EPRADXE RI	EPRADXU RI	EPRADXG RI										
FINLAND INDEX	EPRAFNE PI	EPRAFNU PI					EPRAFNE RI	EPRAFNU RI											
FRANCE INDEX	EPRAFRE PI	EPRAFRU PI					EPRAFRE RI	EPRAFRU RI											
GERMANY INDEX	EPRAGRE PI	EPRAGRU PI					EPRAGRE RI	EPRAGRU RI											
GLOBAL EX ASIA INDEX	EPRGXAE PI	EPRGXAU PI	EPRGXAG PI				EPRGXAE RI	EPRGXAU RI	EPRGXAG RI										
GLOBAL EX EUROPE INDEX	EPRGXEE PI	EPRGXEU PI	EPRGXEG PI				EPRGXEE RI	EPRGXEU RI	EPRGXEG RI										
GLOBAL EX NORTH AMERICA INDEX	EPRXNAE PI	EPRXNAU PI	EPRXNAG PI				EPRXNAE RI	EPRXNAU RI	EPRXNAG RI										
GLOBAL INDEX	EPRAGLE PI	EPRAGLU PI	EPRAGLG PI				EPRAGLE RI	EPRAGLU RI	EPRAGLG RI										
HONG KONG INDEX	EPRAHKE PI	EPRAHKU PI				EPRAHKH PI	EPRAHKE RI	EPRAHKU RI				EPRAHKH RI							
IRELAND INDEX	EPRAIRE PI	EPRAIRU PI					EPRAIRE RI	EPRAIRU RI											
ITALY INDEX	EPRATE PI	EPRATU PI					EPRATE RI	EPRATU RI											
JAPAN INDEX	EPRAJPE PI	EPRAJPU PI				EPRAJPJ PI	EPRAJPE RI	EPRAJPU RI				EPRAJPJ RI							
NETHERLANDS INDEX	EPRANLE PI	EPRANLU PI					EPRANLE RI	EPRANLU RI											
NORTH AMERICA INDEX	EPRANAE PI	EPRANAU PI	EPRANAG PI				EPRANAE RI	EPRANAU RI	EPRANAG RI										
NORWAY INDEX	EPRANWE PI	EPRANWU PI				EPRANWN PI	EPRANWE RI	EPRANWU RI				EPRANWN RI							
PORTUGAL INDEX	EPRAPRE PI	EPRAPRU PI					EPRAPRE RI	EPRAPRU RI											
SINGAPORE INDEX	EPRASGE PI	EPRASGU PI				EPRASGS PI	EPRASGE RI	EPRASGU RI				EPRASGS RI							
SPAIN INDEX	EPRASPE PI	EPRASPU PI					EPRASPE RI	EPRASPU RI											
SWEDEN INDEX	EPRASWE PI	EPRASWU PI				EPRASWS PI	EPRASWE RI	EPRASWU RI				EPRASWS RI							
SWITZERLAND INDEX	EPRASZE PI	EPRASZU PI				EPRASZC PI	EPRASZE RI	EPRASZU RI				EPRASZC RI							
UK INDEX	EPRALKE PI	EPRALKU PI	EPRALKG PI				EPRALKE RI	EPRALKU RI	EPRALKG RI										
US INDEX	EPRALSE PI	EPRALSU PI					EPRALSE RI	EPRALSU RI											



## THOMSON ONE

ASIA 33 INDEX	ENAS-LN																		
ASIA DIVIDEND+ INDEX	ENAD-LN																		
ASIA INDEX	EGAS-LN	UGAS-LN																	
AUSTRALIA INDEX						ELAU-LN													
EUROPE CAPPED INDEX	EORA-LN																		
EUROPE EURO ZONE CAPPED INDEX	EOEU-LN																		
EUROPE EURO ZONE INDEX	EPEU-LN																		
EUROPE EX UK CAPPED INDEX	EDUK-LN																		
EUROPE EX UK DIVIDEND+ INDEX	ENDP-LN																		
EUROPE EX UK INDEX	EXUK-LN																		
EUROPE INDEX	EPRALN	UPRA-LN																	
EUROPE NON-REITS INDEX	ENEE-LN																		
EUROPE REITS INDEX	EBRE-LN																		
EUROPE UK RESTRICTED INDEX	EPHG-LN																		
GLOBAL DIVIDEND+ INDEX	ENGD-LN																		
GLOBAL EX US INDEX	EGXU-LN																		
GLOBAL INDEX	ENGL-LN	UNGL-LN																	
HONG KONG INDEX						ELHK-LN													
JAPAN INDEX						ELJP-LN													
NORTH AMERICA INDEX	EGNA-LN	UGNA-LN																	
UK INDEX						ELUK-LN													
US DIVIDEND+ INDEX	ENUD-LN																		
US INDEX	UNUS-LN																		

## Data Vendor Codes - Indices



### THOMSON GLOBAL TOPIC

Index	Price Indices						Gross Total Return Indices						Net Total Return Indices					
	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local	EUR	USD	GBP	JPY	AUD	Local
ASIA 33 INDEX	=ENAS.FT																	
ASIA DIVIDEND+ INDEX	=ENAD.FT																	
ASIA INDEX	=EGAS.FT	=UGAS.FT																
AUSTRALIA INDEX						=ELAU.FT												
EUROPE CAPPED INDEX	=EORA.FT																	
EUROPE EURO ZONE CAPPED INDEX	=EOEU.FT																	
EUROPE EURO ZONE INDEX	=EPAU.FT																	
EUROPE EX UK CAPPED INDEX	=EOKU.FT																	
EUROPE EX UK DIVIDEND+ INDEX	=ENDP.FT																	
EUROPE EX UK INDEX	=EXUK.FT																	
EUROPE INDEX	=EPRA.FT	=UPRA.FT																
EUROPE NON-REITS INDEX	=ENEE.FT																	
EUROPE REITS INDEX	=EREE.FT																	
EUROPE UK RESTRICTED INDEX	=EPHG.FT																	
GLOBAL DIVIDEND+ INDEX	=ENGD.FT																	
GLOBAL EX US INDEX	=EGXU.FT																	
GLOBAL INDEX	=ENGL.FT	=UNGL.FT																
HONG KONG INDEX																		=ELHK.FT
JAPAN INDEX																		=ELJP.FT
NORTH AMERICA INDEX	=EGNA.FT	=UGNA.FT																
UK INDEX																		=ELUK.FT
US DIVIDEND+ INDEX	=ENUO.FT																	
US INDEX		=UNUS.FT																



ASIA 33 INDEX	3220369																	
ASIA DIVIDEND+ INDEX	2677759																	
ASIA INDEX	1313676	1313682																
AUSTRALIA INDEX						1314427												
EUROPE CAPPED INDEX	3191123																	
EUROPE EURO ZONE CAPPED INDEX	3191105																	
EUROPE EURO ZONE INDEX	1129979																	
EUROPE EX UK CAPPED INDEX	3191135																	
EUROPE EX UK DIVIDEND+ INDEX	2289296																	
EUROPE EX UK INDEX	1148944																	
EUROPE INDEX	1129954	1148773																
EUROPE NON-REITS INDEX	3135083																	
EUROPE REITS INDEX	3135068																	
EUROPE UK RESTRICTED INDEX	1181456																	
GLOBAL DIVIDEND+ INDEX	2677743																	
GLOBAL EX US INDEX	2337044																	
GLOBAL INDEX	1313614	1313646																
HONG KONG INDEX																		1314349
JAPAN INDEX																		1314439
NORTH AMERICA INDEX	1313713	1314124																
UK INDEX																		1126972
US DIVIDEND+ INDEX	2677767																	
US INDEX		1314322																

## Data Vendor Codes - Index Constituents

Constituent	Country	ISIN	Bloomberg	REUTERS	SNL	Constituent	Country	ISIN	Bloomberg	REUTERS	SNL
CA Immobilien Anlage	AT	AT0000641352	CAI AV	CAIV.VI	CAI-WBO	Eurocommercial Props *	NL	NL0000288876	ECMPA NA	SIPFc.AS	ECMPA-AMS
Conwert Immobilien	AT	AT0000697750	CWI AV	CONW.VI	CWI-WBO	Nieuwe Steen Inv *	NL	NL0000292324	NISTI NA	NSTEc.AS	NISTI-AMS
Befimmo *	BE	BE0003678884	BEFB BB	BEFB.BR	BEFB-BRU	ProLogis European Properties *	NL	LU0100194785	PEPR NA	PEPR.AS	PEPR-AMS
Cofinimmo *	BE	BE0003593044	COFB BB	COFB.BR	COFB-BRU	Vastned Offices/Ind *	NL	NL0000288934	VNOI NA	VWNN.AS	VNOI-AMS
Intervest Offices *	BE	BE0003746600	INTO BB	PRIF.BR	INTO-BRU	Vastned Retail *	NL	NL0000288918	VASTN NA	VASN.AS	VASTN-AMS
Leasinvest Real Estate *	BE	BE0003770840	LEAS BB	LNRE.BR	LEAS-BRU	Wereldhave *	NL	NL0000289213	WHA NA	WEHA.AS	WHA-AMS
Wereldhave Belgium *	BE	BE0003724383	WEHB BB	WEHB.BR	WEHB-BRU	Norwegian Property	NW	NO0010317811	NPRO NO	NPRO.OL	NPRO-OSL
Warehouses De Pauw *	BE	BE0003763779	WDP BB	WDPP.BR	WDP-BRU	Castellum	SE	SE0000379190	CAST SS	CAST.ST	CAST-OME
Allreal	CH	CH0008837566	ALLN SW	ALLN.S	ALLN-SWX	Hufvudstaden A	SE	SE0000170375	HUFVA SS	HUFVa.ST	HUFVA-OME
PSP Swiss Property	CH	CH0018294154	PSPN SW	PSPN.S	PSPN-SWX	Klovern AB	SE	SE0000331225	KLOV SS	KLOV.ST	KLOV-OME
Swiss Prime Site	CH	CH0008038389	SPSN SW	SPSN.S	SPSN-SWX	Kungsleden	SE	SE0000549412	KLED SS	KLED.ST	KLED-OME
Zueblin Immobilien Holding	CH	CH0021831182	ZUBN SW	ZUBN.S	ZUBN-SWX	Fabege	SE	SE0000950636	FABG SS	FABG.ST	FABG-OME
Sponda	FI	FI0009006829	SDA1V FH	SDA1V.HE	SDA1V-HEL	Wihlborgs Fastigheter	SE	SE0001413600	WIHL SS	WIHL.ST	WIHL-OME
Citycon OYJ	FI	FI0009002471	CTY1S FH	CTY1S.HE	CTY1S-HEL	British Land *	UK	GB0001367019	BLND LN	BLND.L	BLND-LON
Technopolis	FI	FI0009006886	TPS1V FH	TPS1V.HE	TPS1V-HEL	Big Yellow Group *	UK	GB0002869419	BYG LN	BYG.L	BYG-LON
Affine *	FR	FR0000036105	IML FP	BTPP.PA	IML-PAR	CLS Holdings	UK	GB0001592475	CLI LN	CLSH.L	CLI-LON
Fonciere Des Regions *	FR	FR0000064578	FDR FP	FDR.PA	FDR-PAR	Daejan Holdings	UK	GB0002502036	DJAN LN	DJAN.L	DJAN-LON
Gecina *	FR	FR0010040865	GFC FP	GFCP.PA	GFC-PAR	Derwent London *	UK	GB0002652740	DLN LN	DLN.L	DLN-LON
Icade *	FR	FR0000035081	ICAD FP	ICAD.PA	ICAD-PAR	Development Securities	UK	GB0002668464	DSC LN	DSC.L	DSC-LON
Klepierre *	FR	FR0000121964	LI FP	LOIM.PA	LI-PAR	F&C Commercial Prop	UK	GG00B4ZPCJ00	FCPT LN	FCPT.L	FCPT-LON
Mercialys *	FR	FR0010241638	MERY FP	MERY.PA	MERY-PAR	Grainger Plc	UK	GB00B04V1276	GRI LN	GRI.L	GRI-LON
Silic *	FR	FR0000050916	SIL FP	SILP.PA	SIL-PAR	Great Portland Estates *	UK	GB00B01FLL16	GPOR LN	GPOR.L	GPOR-LON
Societe de la Tour Eiffel *	FR	FR0000036816	EIFF FP	TEIF.PA	EIFF-PAR	ING UK Real Estate Income Trust	UK	GB00B0LCW208	IRET LN	IRET.L	IRET-LON
Unibail-Rodamco *	FR	FR0000124711	UL FP	UNBP.PA	UL-PAR	Hammerson *	UK	GB0004065016	HMSO LN	HMSO.L	HMSO-LON
Babis Vovos	GR	GRS421003005	VOVOS GA	VOVr.AT	VOVOS-ATH	ISIS Property Trust Ld	UK	GB0033674564	IPT LN	IPT.L	IPT-LON
Eurobank Properties *	GR	GRS491003000	EUPRO GA	EUPr.AT	EUPRO-ATH	IRP Property Investments	UK	GB00B012T521	IRP LN	IRP.L	IRP-LON
Lamda Development	GR	GRS245213004	LAMDA GA	LMDr.AT	LAMDA-ATH	Invista Foundation Prop	UK	GB00B01HM147	IFD LN	INRE.L	IFD-LON
Alstria Office *	DE	DE000A0LD2U1	AOX GR	AOXG.F	AOX-ETR	Helical Bar	UK	GB00B0FYMT95	HLCL LN	HLCL.L	HLCL-LON
Colonia Real Estate	DE	DE0006338007	KBU GR	KBUG.F	KBU-ETR	Land Securities *	UK	GB0031809436	LAND LN	LAND.L	LAND-LON
Deutsche Wohnen	DE	DE000A0HN5C6	DWN GY	DWNG.F	DWN-ETR	Liberty International *	UK	GB0006834344	LII LN	LII.L	LII-LON
Deutsche Euroshop	DE	DE0007480204	DEQ GR	DEQGn.DE	DEQ-ETR	Minerva	UK	GB0005953681	MNR LN	MNR.L	MNR-LON
DIC Asset	DE	DE0005098404	DAZ GR	DAZG.DE	DAZ-ETR	Mucklow <A&J> *	UK	GB0006091408	MKLW LN	MKLW.L	MKLW-LON
Gagfah	DE	LU0269583422	GFJ GR	GFJG.DE	GFJ-ETR	Primary Health Prop.*	UK	GB0007015521	PHP LN	PHP.L	PHP-LON
Patrizia Immobilien	DE	DE000PAT1AG3	P1Z GR	P1ZGn.F	P1Z-ETR	Quintain Estates	UK	GB0007184442	QED LN	QED.L	QED-LON
TAG Immobilien AG	DE	DE0008303504	TEG GR	TEG.F	TEG-ETR	Shafesbury *	UK	GB0007990962	SHB LN	SHB.L	SHB-LON
Beni Stabili	IT	IT0001389631	BNS IM	BNSI.MI	BNS-MIL	Segro *	UK	GB00B5ZN1N88	SGRO LN	SGRO.L	SGRO-LON
IGD *	IT	IT0003745889	IGD IM	IGD.MI	IGD-MIL	St Modwen Properties	UK	GB0007291015	SMP LN	SMP.L	SMP-LON
Corio *	NL	NL0000288967	CORA NA	COR.AS	CORA-AMS	Standard Life Inv Prop	UK	GB0033875286	SLI LN	SLI.L	SLI-LON

## Data Vendor Codes - Index Constituents

Constituent	Country	ISIN	Bloomberg	REUTERS	SNL	Constituent	Country	ISIN	Bloomberg	REUTERS	SNL
UK Commercial Property Trust	UK	GB00B19Z2J52	UKCM LN	UKCM.L	UKCM-LON	Sun Hung Kai Props	HK	HK0016000132	16 HK	0016.HK	0016-HKG
Unite Group	UK	GB0006928617	UTG LN	UTG.L	UTG-LON	Wharf Holdings	HK	HK0004000045	4 HK	0004.HK	0004-HKG
Workspace Group *	UK	GB0005296354	WKP LN	WKP.L	WKP-LON	Aeon Mall Co Ltd	JP	JP3131430005	8905 JP	8905.T	8905-TKS
Bunnings Warehouse Prop *	AU	AU000000BWP3	BWP AU	BWP.AX	BWP-ASX	Heiwa Real Estate	JP	JP3834800009	8803 JP	8803.T	8803-TKS
CFS Retail Property Trust *	AU	AU000000CFX0	CFX AU	CFX.AX	CFX-ASX	Daibiru Corp	JP	JP3497200000	8806 JP	8806.OS	8806-TKS
Cmnwealth Prop Office *	AU	AU000000CPA7	CPA AU	CPA.AX	CPA-ASX	Japan Prime Realty Inv. *	JP	JP3040890000	8955 JP	8955.T	8955-TKS
Dexus Property Group *	AU	AU000000DXS1	DXS AU	DXS.AX	DXS-ASX	Japan Real Estate *	JP	JP3027680002	8952 JP	8952.T	8952-TKS
FKP Property Group *	AU	AU000000FKP9	FKP AU	FKP.AX	FKP-ASX	Japan Retail Fund *	JP	JP3039710003	8953 JP	8953.T	8953-TKS
GPT Group *	AU	AU000000GPT8	GPT AU	GPT.AX	GPT-ASX	Kenedix Realty Investment *	JP	JP3046270009	8972 JP	8972.T	8972-TKS
ING Office Fund *	AU	AU000000IOF6	IOF AU	IOF.AX	IOF-ASX	Mitsubishi Estate	JP	JP3899600005	8802 JP	8802.T	8802-TKS
ING Industrial Fund *	AU	AU000000IIF8	IIF AU	IIF.AX	IIF-ASX	Mitsui Fudosan	JP	JP3893200000	8801 JP	8801.T	8801-TKS
Goodman Group *	AU	AU000000GMG2	GMG AU	GMG.AX	GMG-ASX	Mori Trust Sogo REIT *	JP	JP3046170001	8961 JP	8961.T	8961-TKS
Macquarie CountryWide *	AU	AU000000MCW8	MCW AU	MCW.AX	MCW-ASX	Nippon Building Fund *	JP	JP3027670003	8951 JP	8951.T	8951-TKS
Macquarie Office Trust *	AU	AU000000MOF8	MOF AU	MOF.AX	MOF-ASX	Nomura Real Estate Office Fund *	JP	JP3045530007	8959 JP	8959.T	8959-TKS
Mirvac Group *	AU	AU000000MGR9	MGR AU	MGR.AX	MGR-ASX	NTT Urban Development	JP	JP3165690003	8933 JP	8933.T	8933-TKS
Stockland Trust Group *	AU	AU000000SGP0	SGP AU	SGP.AX	SGP-ASX	ORIX JREIT *	JP	JP3040880001	8954 JP	8954.T	8954-TKS
Westfield Group *	AU	AU000000WDC7	WDC AU	WDC.AX	WDC-ASX	Premier Investment Co. *	JP	JP3041770003	8956 JP	8956.T	8956-TKS
Agile Property Holdings	HK	KYG011981035	3383 HK	3383.HK	3383-HKG	Sumitomo Realty & Dev	JP	JP3409000001	8830 JP	8830.T	8830-TKS
Champion REIT *	HK	HK2778034606	2778 HK	2778.HK	2778-HKG	Toc Co	JP	JP3538400007	8841 JP	8841.T	8841-TKS
China Overseas Land	HK	HK0688002218	688 HK	0688.HK	0688-HKG	Tokyo Tatemono	JP	JP3582600007	8804 JP	8804.T	8804-TKS
China Resources Land	HK	KYG2108Y1052	1109 HK	1109.HK	1109-HKG	Tokyu Land	JP	JP3569000007	8815 JP	8815.T	8815-TKS
Country Garden Holdings	HK	KYG245241032	2007 HK	2007.HK	2007-HKG	Tokyu REIT *	JP	JP3044510000	8957 JP	8957.T	8957-TKS
Great Eagle Holdings	HK	BMG4069C1486	41 HK	0041.HK	0041-HKG	Top REIT *	JP	JP3046370007	8982 JP	8982.T	8982-TKS
Hang Lung Properties	HK	HK0101000591	101 HK	0101.HK	0101-HKG	United Urban Investment *	JP	JP3045540006	8960 JP	8960.T	8960-TKS
Henderson Land Dev	HK	HK0012000102	12 HK	0012.HK	0012-HKG	Kiwi Income Property Trust *	NZ	NZKIPE0001S5	KIP NZ	KIP.NZ	KIP-NZE
Hopson Development	HK	BMG4600H1016	754 HK	0754.HK	0754-HKG	Allgreen Properties *	SG	SG1G61871305	AG SP	AEMN.SI	A16-SES
Hysan Development	HK	HK0014000126	14 HK	0014.HK	0014-HKG	Ascendas REIT *	SG	SG1M77906915	AREIT SP	AREIT.SI	A17U-SES
Kerry Properties	HK	BMG524401079	683 HK	0683.HK	0683-HKG	CapitaCommercial Trust *	SG	SG1P32918333	CCT SP	CACT.SI	C61U-SES
Kowloon Dev	HK	HK0034000254	34 HK	0034.HK	0034-HKG	Capitaland	SG	SG1J27887962	CAPL SP	CATL.SI	C31-SES
KWG Property Holdings	HK	KYG532241042	1813 HK	1813.HK	1813-HKG	Capitamall Trust *	SG	SG1M51904654	CT SP	CMLT.SI	C38U-SES
Link REIT *	HK	HK0823032773	823 HK	0823.HK	0823-HKG	CapitaMalls Asia	SG	SG1Z05950543	CMA SP	CMAL.SI	JS8-SES
New World China Land	HK	KYG6493A1013	917 HK	0917.HK	0917-HKG	City Developments	SG	SG1R89002252	CIT SP	CIT.SI	C09-SES
New World Development	HK	HK0017000149	17 HK	0017.HK	0017-HKG	Hongkong Land Hldgs	HK	BMG4587L1090	HKL SP	HKLD.SI	H78-SES
Shenzhen Investment	HK	HK0604011236	604 HK	0604.HK	0604-HKG	Keppel Land	SG	SG1R31002210	KPLD SP	KLAN.SI	K17-SES
Shimao Property Holdings	HK	KYG810431042	813 HK	0813.HK	0813-HKG	Mapletree Logistics Trust *	SG	SG1S03926213	MLT SP	MAPL.SI	M44U-SES
Shui On Land	HK	KYG811511131	272 HK	0272.HK	0272-HKG	Singapore Land	SG	SG1S69002321	SL SP	SLND.SI	S30-SES
Sino Land	HK	HK0083000502	83 HK	0083.HK	0083-HKG	Suntec REIT *	SG	SG1Q52922370	SUN SP	SUNT.SI	T82U-SES
Soho China Ltd.	HK	KYG826001003	410 HK	0410.HK	0410-HKG	Wing Tai Holdings	SG	SG1K66001688	WINGT SP	WTHS.SI	W05-SES

## Data Vendor Codes - Index Constituents

Constituent	Country	ISIN	Bloomberg	REUTERS	SNL	Constituent	Country	ISIN	Bloomberg	REUTERS	SNL
Yanlord Land Group	SG	SG1T57930854	YLLG SP	YNLG.SI	Z25-SES	Colonial Properties *	US	US1958721060	CLP US	CLP.N	CLP-US
Allied Properties REIT *	CA	CA0194561027	AP-U CN	AP_u.TO	AP.UN-TSX	Corporate Office Props *	US	US22002T1088	OFC US	OFC.N	OFC-US
Artis Real Estate Investment Trust *	CA	CA04315L1058	AX-U CN	AX_u.TO	AX.UN-TSX	Corrections Corp of America	US	US22025Y4070	CXW US	CXW.N	-NA-
Boardwalk REIT *	CA	CA0966311064	BEI-U CN	BEI_u.TO	BEI.UN-TSX	Cousins Properties *	US	US2227951066	CUZ US	CUZ.N	CUZ-US
Brookfield Props	CA	CA1129001055	BPO CN	BPO.TO	BPO-US	DCT Industrial Trust *	US	US2331531051	DCT US	DCT.N	DCT-US
Calloway REIT *	CA	CA1312532056	CWT-U CN	CWT_u.TO	CWT.UN-TSX	Developers Diversified *	US	US2515911038	DDR US	DDR.N	DDR-US
Canadian Apartment Props *	CA	CA1349211054	CAR-U CN	CAR_u.TO	CAR.UN-TSX	Digital Realty Trust *	US	US2538681030	DLR US	DLR.N	DLR-US
Canadian REIT *	CA	CA13650J1049	REF-U CN	REF_u.TO	REF.UN-TSX	Diamondrock Hospitality *	US	US2527843013	DRH US	DRH.N	DRH-US
Chartwell Seniors Housing REIT *	CA	CA16140U1003	CSH-U CN	CSH_u.TO	CSH.UN-TSX	Douglas Emmett *	US	US25960P1093	DEI US	DEI.N	DEI-US
Cominar REIT *	CA	CA1999101001	CUF-U CN	CUF_u.TO	CUF.UN-TSX	Duke Realty Corp *	US	US2644115055	DRE US	DRE.N	DRE-US
Dundee REIT *	CA	CA2652702077	D-U CN	D_u.TO	D.UN-TSX	DuPont Fabros Technology *	US	US26613Q1067	DFT US	DFT.N	DFT-US
Extencicare Real Estate Investment Tr	CA	CA3022511032	EXE-U CN	EXE_u.TO	EXE.UN-TSX	Eastgroup Properties *	US	US2772761019	EGP US	EGP.N	EGP-US
First Capital Realty *	CA	CA31943B1004	FCR CN	FCR.TO	FCR-TSX	Education Realty Trust *	US	US28140H1041	EDR US	EDR.N	EDR-US
H & R Real Estate *	CA	CA4044282032	HR-U CN	HR_u.TO	HR.UN-TSX	Entertainment Props *	US	US29380T1051	EPR US	EPR.N	EPR-US
Innvest REIT *	CA	CA45771T1084	INN-U CN	INN_u.TO	INN.UN-TSX	Equity Lifestyle Properties *	US	US29472R1086	ELS US	ELS.N	ELS-US
Killam Properties *	CA	CA4941048700	KMP CN	KMP.TO	KMP-TSX	Equity One Inc *	US	US2947521009	EQY US	EQY.N	EQY-US
Morguard REIT *	CA	CA6179141065	MRT-U CN	MRT_u.TO	MRT.UN-TSX	Equity Residential Props *	US	US29476L1070	EQR US	EQR.N	EQR-US
Northern Property REIT *	CA	CA6656241024	NPR-U CN	NPR_u.TO	NPR.UN-TSX	Essex Property Trust *	US	US2971781057	ESS US	ESS.N	ESS-US
Primaris Retail REIT *	CA	CA74157U1093	PMZ-U CN	PMZ_u.TO	PMZ.UN-TSX	Extra Space Storage *	US	US30225T1025	EXR US	EXR.N	EXR-US
Riocan Real Estate *	CA	CA7669101031	REI-U CN	REI_u.TO	REI.UN-TSX	Federal Realty Inv *	US	US3137472060	FRT US	FRT.N	FRT-US
Acadia Realty Trust *	US	US0042391096	AKR US	AKR.N	AKR-US	Felcor Lodging Trust *	US	US31430F1012	FCH US	FCH.N	FCH-US
Hilltop Holdings	US	US4327481010	ARC US	HTH.N	HTH-US	First Industrial Realty *	US	US32054K1034	FR US	FR.N	FR-US
Agree Realty Corp *	US	US0084921008	ADC US	ADC.N	ADC-US	First Potomac Realty Trust *	US	US33610F1093	FPO US	FPO.N	FPO-US
Alexander's Inc. *	US	US0147521092	ALX US	ALX.N	ALX-US	Forest City Enterprises	US	US3455501078	FCE/A US	FCEa.N	FCE.A-US
Alexandria Real Estate *	US	US0152711091	ARE US	ARE.N	ARE-US	Franklin Street Properties *	US	US35471R1068	FSP US	FSP.N	FSP-US
AMB Property *	US	US00163T1097	AMB US	AMB.N	AMB-US	Getty Realty *	US	US3742971092	GTY US	GTY.N	GTY-US
American Campus Communities *	US	US0248351001	ACC US	ACC.N	ACC-US	Government Properties *	US	US38376A1034	GOV US	GOV.N	GOV-US
Apartment Investment *	US	US03748R1014	AIV US	AIV.N	AIV-US	HCP *	US	US40414L1098	HCP US	HCP.N	HCP-US
Ashford Hospitality *	US	US0441031095	AHT US	AHT.N	AHT-US	Health Care REIT *	US	US42217K1060	HCN US	HCN.N	HCN-US
Associated Estates Realty *	US	US0456041054	AEC US	AEC.N	AEC-US	Healthcare Realty Trust *	US	US4219461047	HR US	HR.N	HR-US
Avalonbay Communities *	US	US0534841012	AVB US	AVB.N	AVB-US	Hersha Hospitality Trust *	US	US4278251040	HT US	HT.N	HT-US
BioMed Realty Trust *	US	US09063H1077	BMR US	BMR.N	BMR-US	Highwoods Properties *	US	US4312841087	HIW US	HIW.N	HIW-US
Boston Properties *	US	US1011211018	BXP US	BXP.N	BXP-US	Home Props of New York *	US	US4373061039	HME US	HME.N	HME-US
Brandywine Realty Trust *	US	US1053682035	BDN US	BDN.N	BDN-US	Hospitality Properties *	US	US44106M1027	HPT US	HPT.N	HPT-US
BRE Properties *	US	US05564E1064	BRE US	BRE.N	BRE-US	HRPT Properties Trust *	US	US40426W1018	HRP US	HRP.N	HRP-US
Camden Property Trust *	US	US1331311027	CPT US	CPT.N	CPT-US	Inland Real Estate Corp *	US	US4574612002	IRC US	IRC.N	IRC-US
CBL & Associates Props *	US	US1248301004	CBL US	CBL.N	CBL-US	Investors Real Estate *	US	US4617301035	IRET US	IRET.OQ	IRET-US
Cedar Shopping Centers *	US	US1506022094	CDR US	CDR.N	CDR-US	Kilroy Realty *	US	US49427F1084	KRC US	KRC.N	KRC-US

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Constituent	Country	ISIN	Bloomberg	REUTERS	SNL	Constituent	Country	ISIN	Bloomberg	REUTERS	SNL
Kilroy Realty *	US	US49427F1084	KRC US	KRC.N	KRC-US	Urstadt Biddle Class A *	US	US9172862057	UBA US	UBA.N	UBA-US
Kimco Realty *	US	US49446R1095	KIM US	KIM.N	KIM-US	U-Store-It Trust *	US	US91274F1049	YSI US	YSI.N	YSI-US
Kite Realty Group Trust *	US	US49803T1025	KRG US	KRG.N	KRG-US	Ventas *	US	US92276F1003	VTR US	VTR.N	VTR-US
LaSalle Hotel Properties *	US	US5179421087	LHO US	LHO.N	LHO-US	Vornado Realty Trust *	US	US9290421091	VNO US	VNO.N	VNO-US
Lexington Corporate *	US	US5290431015	LXP US	LXP.N	LXP-US	Washington Real Estate *	US	US9396531017	WRE US	WRE.N	WRE-US
Liberty Property Trust *	US	US5311721048	LRY US	LRY.N	LRY-US	Weingarten Realty *	US	US9487411038	WRI US	WRI.N	WRI-US
LTC Properties *	US	US5021751020	LTC US	LTC.N	LTC-US	Winthrop Realty Trust *	US	US9763913004	FUR US	FUR.N	FUR-US
Mack-Cali Realty *	US	US5544891048	CLI US	CLI.N	CLI-US	Gafisa	BRAZ	BRGFSAACNOR3	GFA3 BZ	GFA3.SA	GFA3.BSP
Medical Properties Trust *	US	US58463J3041	MPW US	MPW.N	MPW-US	Brascan Residential Properties SA	BRAZ	BRBISAACNOR8	BISA3 BZ	BISA3.SA	BISA3-BSP
Mid-America Apartment *	US	US59522J1034	MAA US	MAA.N	MAA-US	BR Malls Participacoes S/A Ord	BRAZ	BRBRMLACNOR9	BRML3 BZ	BRML3.SA	BRML3-BSP
National Healthcare Corp. *	US	US6359061008	NHC US	NHC.A	-NA-	Klabin Segall S/A Ord	BRAZ	BRKSSAACNOR8	KSSA3 BZ	KSSA3.SA	KSSA3-BSP
National Health Investors *	US	US63633D1046	NHI US	NHI.UN	NHI-US	Camargo Correa Desenvolvimento In	BRAZ	BRCCIMACNOR5	CCIM3 BZ	CCIM3.SA	CCIM3-BSP
National Retail Properties *	US	US6374171063	NNN US	NNN.N	NNN-US	Rodobens Negocios Imobiliarios S/A	BRAZ	BRRDNIACNOR9	RDN3 BZ	RDN3.SA	RDN3-BSP
Nationwide Health Props *	US	US6386201049	NHP US	NHP.N	NHP-US	Iguatemi Empresa de Shopping Cent	BRAZ	BRIGTAACNOR5	IGTA3 BZ	IGTA3.SA	IGTA3-BSP
Omega Healthcare Investors *	US	US6819361006	OHI US	OHI.N	OHI-US	Inpar SA	BRAZ	BRINPRACNOR3	INPR3 BZ	INPR3.SA	-NA-
Orient Express Hotel	US	BMG677431071	OEH US	OEH.N	OEH-US	MRV Engenharia e Participacoes SA	BRAZ	BRMRVEACNOR2	MRVE3 BZ	MRVE3.SA	MRVE3-BSP
Parkway Properties *	US	US70159Q1040	PKY US	PKY.N	PKY-US	Multiplan Empreendimentos Imobiliar	BRAZ	BRMULTACNOR5	MULT3 BZ	MULT3.SA	MULT3-BSP
Pebblebrook Hotel Trust *	US	US70509V1008	PEB US	PEB.N	PEB-US	Cyrela Commercial Properties	BRAZ	BRCCPRACNOR9	CCPR3 BZ	CCPR3.SA	CCPR3-BSP
Pennsylvania Real Estate *	US	US7091021078	PEI US	PEI.N	PEI-US	Cyrela Brazil Realty S/A Empreendim	BRAZ	BRCYREACNOR7	CYRE3 BZ	CYRE3.SA	CYRE3-BSP
Post Properties *	US	US7374641071	PPS US	PPS.N	PPS-US	Guangzhou R&F Properties (H)	CHN	CNE100000569	2777 HK	2777.HK	-NA-
Prologis *	US	US7434101025	PLD US	PLD.N	PLD-US	Shanghai Lujiazui Fin & Trade Dev (E	CHN	CNE000000HH6	900932 CH	600663.SS	-NA-
PS Business Parks *	US	US69360J1079	PSB US	PSB.A	PSB-US	China Merchants Prop (B)	CHN	CNE000000891	200024 CH	000024.SZ	-NA-
Public Storage *	US	US74460D1090	PSA US	PSA.N	PSA-US	Jinqiao Export Processing (B)	CHN	CNE000000941	900911 CH	600639.SS	-NA-
Ramco-Gershenson *	US	US7514522025	RPT US	RPT.N	RPT-US	Beijing North Star (H)	CHN	CNE100000262	588 HK	601588.SS	-NA-
Realty Income *	US	US7561091049	O US	O.N	O-US	Shenzhen Vanke (B)	CHN	CNE0000008Q1	200002 CH	000002.SZ	-NA-
Regency Centers *	US	US7588491032	REG US	REG.N	REG-US	Six Of October Development & Inves	EGY	EGS65851C015	OCDI EY	OCDI.CA	-NA-
Saul Centers *	US	US8043951016	BFS US	BFS.N	BFS-US	Parsvnath Developers	IDA	INE561H01018	PARSV IN	PARV.BO	532780-BOM
Senior Housing Prop *	US	US81721M1099	SNH US	SNH.N	SNH-US	DLF	IDA	INE271C01023	DLFU IN	DLF.BO	532868-BOM
Simon Property Group *	US	US8288061091	SPG US	SPG.N	SPG-US	IVR Prime Urban Developers	IDA	INE41401018	IVR IN	IVR.BO	532881-BOM
SL Green Realty *	US	US78440X1019	SLG US	SLG.N	SLG-US	Unitech	IDA	INE694A01020	UT IN	UNTE.BO	507878-BOM
Sovran Self Storage *	US	US84610H1086	SSS US	SSS.N	SSS-US	Ansai Properties & Infrastructure	IDA	INE436A01026	APIL IN	ANSP.BO	500013-BOM
Sun Communities *	US	US8666741041	SUI US	SUI.N	SUI-US	Peninsula Land	IDA	INE138A01028	PENL IN	PENL.BO	503031-BOM
Sunstone Hotel Investors *	US	US8678921011	SHO US	SHO.N	SHO-US	Ciputra Develop	INDO	ID1000058803	CTRA IJ	CTRA.JK	-NA-
Tanger Factory Outlet *	US	US8754651060	SKT US	SKT.N	SKT-US	Bakrieland Devel	INDO	ID1000088701	ELTY IJ	ELTY.JK	-NA-
Taubman Centers *	US	US8766641034	TCO US	TCO.N	TCO-US	Lippo Karawaci	INDO	ID1000108905	LPKR IJ	LPKR.JK	-NA-
The Macerich Company *	US	US5543821012	MAC US	MAC.N	MAC-US	IGB	MAL	MYL159700003	IGB MK	IGBS.KL	-NA-
UDR Inc. *	US	US9026531049	UDR US	UDR.N	UDR-US	Land And General	MAL	MYL317400009	LGH MK	LAND.KL	-NA-
Universal Health Realty *	US	US91359E1055	UHT US	UHT.N	UHT-US	YNH Property	MAL	MYL315800002	YNHB MK	YNHB.KL	-NA-

## Data Vendor Codes - Index Constituents

Constituent	Country	ISIN	Bloomberg	REUTERS	SNL	Constituent	Country	ISIN	Bloomberg	REUTERS	SNL
SP Setia	MAL	MYL866400004	SPSB MK	SETI.KL	-NA-	Atlas Estates	AIM	GB00B0WDBP88	ATLS LN	ATLE.L	ATLS-LON
KLCC Property Holdings	MAL	MYL508900007	KLCC MK	KCCP.KL	-NA-	Ablon Group	AIM	GG00B1LB2139	ABL LN	ABL.L	ABL-LON
Consorcio Ara	MEX	MXP001161019	ARA* MM	ARA.MX	-NA-	Sirius Real Estate	AIM	GG00B1W3VF54	SRE LN	DDS.L	SRE-LON
Geo B	MEX	MXP3142C1177	GEOB MM	GEOB.MX	-NA-	China Real Estate Opportunities	AIM	JE00B1P8F991	CREO LN	CREO.L	-NA-
Sare Holding S.A. de C.V.	MEX	MX01SA030007	SAREB MM	SAREB.MX	-NA-	Blackrock International Land	AIM	IE00B134XK63	BLK LN	-NA-	-NA-
Urbi Desarrollos Urbanos	MEX	MX01UR000007	URBI* MM	URBI.MX	-NA-	London & Stamford Property	AIM	GG00B1Z5TP40	LSP LN	-NA-	-NA-
Desarrolladora Homex SA de CV	MEX	MX01HO000007	HOMEX* MM	HOMEX.MX	-NA-	Rugby Estates	AIM	GB0007601551	RUGB LN	-NA-	-NA-
Vista Land & Lifescapes	PHIL	PHY9382G1068	VLL PM	VLL.PS	-NA-	Dolphin Capital Investors	AIM	VGG2803G1028	DCI LN	DOLC.L	-NA-
Filinvest Land	PHIL	PHY249161019	FLI PM	FLI.PS	-NA-						
Megaworld Corporation	PHIL	PHY594811127	MEG PM	MEG.PS	-NA-						
SM Prime Hldgs	PHIL	PHY8076N1120	SMPH PM	SMPH.PS	-NA-						
Ayala Land	PHIL	PHY0488F1004	ALI PM	ALI.PS	-NA-						
Robinson's Land Corporation	PHIL	PHY731961264	RLC PM	RLC.PS	-NA-						
LC Corp SA	POL	PLLCCRP00017	LCC PW	LCCA.WA	-NA-						
Globe Trade Centre	POL	PLGTC0000037	GTC PW	GTCA.WA	GTC-WAR						
Fountainhead Property Trust *	SAF	ZAE000097416	FPT SJ	FPTJ.J	-NA-						
SA Corporate Real Estate Fund *	SAF	ZAE000083614	SAC SJ	SACJ.J	-NA-						
Redefine Income Find	SAF	ZAE000023503	RDF SJ	RDFJ.J	-NA-						
Growthpoint Prop Ltd	SAF	ZAE000037669	GRT SJ	GRTJ.J	-NA-						
Hyprop Investments Ltd	SAF	ZAE000003430	HYP SJ	HYPJ.J	-NA-						
Pangbourne Prop Ltd	SAF	ZAE000005252	PAP SJ	PAPJ.J	-NA-						
Emira Property Fund *	SAF	ZAE000050712	EMI SJ	EMIJ.J	-NA-						
Quality Houses	THAI	TH0256A10Z04	QH TB	QH.BK	-NA-						
Central Pattana	THAI	TH0481A10Z01	CPN TB	CPN.BK	-NA-						
Land & Houses	THAI	TH0143010Z08	LH TB	LH.BK	-NA-						
LPN Development	THAI	TH0456010Z04	LPN TB	LPN.BK	-NA-						
Asian Property Development	THAI	TH0308010Z07	AP TB	AP.BK	-NA-						
Amata Corp	THAI	TH0617A10Z08	AMATA TB	AMAT.BK	-NA-						
Preuksa Real Estate	THAI	TH0878010006	PS TB	-NA-	-NA-						
Property Perfect	THAI	TH0352010Z05	PF TB	-NA-	-NA-						
SC Asset	THAI	TH0747010005	SC TB	-NA-	-NA-						
Supalai PCL	THAI	TH0371010Z05	SPALI TB	SPAL.BK	-NA-						
Is Gayrimenkul Yatirim Ortak *	TUR	TRAIISGYO91Q3	ISGYO TI	YKGYO.IS	-NA-						
Hung Poo Real Estate Development	TWN	TW0002536000	2536 TT	2536.TW	-NA-						
Mirland Development Corp	AIM	CY0100141015	MLD LN	MLD.L	-NA-						
Carpathian	AIM	GB00B0B66533	CPT LN	CPTA.L	CPT-LON						
Raven Russia	AIM	GB00B0D5V538	RUS LN	RUS.L	-NA-						
Treveria	AIM	GB00B0RFL714	TRV LN	DTR.L	DTR-LON						

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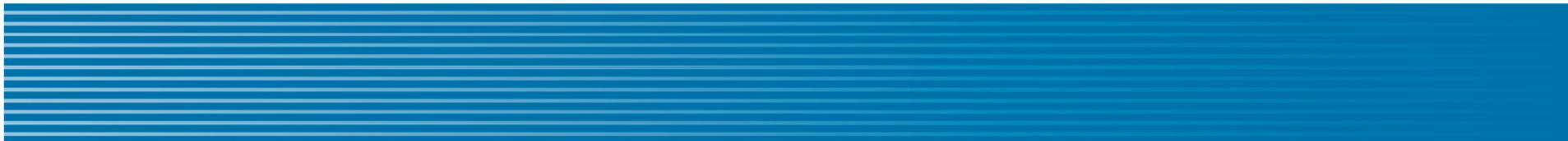
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