## Milliman

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## STATISTICS TO QUARTER END

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Europe's debt crisis worsened as the Eurozone's gross domestic product fell by $0.1 \%$, which sent the region back into recession, its second since the financial crisis began in 2008. The problems look set to continue, as the financial markets are betting that even worse data will emerge over the winter, with some analysts predicting a further contraction of $0.5 \%$ in the fourth quarter and potentially a contraction of $2.5 \%$ in 2013.

France continued to surprise analysts by recording growth of $0.2 \%$, after many analysts feared it would head into recession, especially after its second-quarter figures were revised down to a contraction of $0.1 \%$. Germany, Europe's biggest economy, has felt the effects of the Eurozone crisis and only recorded modest growth of $0.2 \%$. Although this was an improvement on the $0.1 \%$ which was predicted, it is weaker than the $0.3 \%$ recorded in quarter two, and the $0.5 \%$ recorded in quarter one. Economists predict further deterioration and if Germany were to slip into recession, it would be a powerful symbol of the Eurozone's problems. Spanish and Italian GDP both contracted for a fifth straight quarter, $0.3 \%$ and $0.2 \%$ respectively.

The UK's economy grew by $1 \%$ between July and September, which was higher than the $0.6 \%$ that analysts had predicted. This was helped by Olympic ticket sales and the bounce-back from June's extra bank holiday. However, as these effects unwind, the economy may contract again. In terms of different sectors, production, which includes manufacturing, grew $1.1 \%$ and the service sector by $1.3 \%$. However, construction fell by $2.5 \%$ (which suffered badly from cuts in government spending).

Outside of Europe, Japan performed poorly, with a contraction of 0.9\%, while the US economy improved on its second quarter performance with growth of $0.5 \%$, helped by rising consumer demands.

UK equities performed better in the third quarter after a disappointing second quarter. The FTSE All Share grew by $4.7 \%$; the FTSE 100 grew by $4.1 \%$ while the FTSE 250 grew by $8.2 \%$. The same was true of the international market, with the emerging markets showing growth of $4.6 \%$ over the third quarter. Fixed interest assets performed positively over the third quarter with corporate (BBB) bonds growing by $8.2 \%$ and corporate (A) bonds by $5.9 \%$.

The AA insurance premium index showed that insurance companies were reducing their motor premiums as a result of tough competition in the insurance market. Based on the Shoparound index, premiums over the quarter fell by $2.9 \%$, although over the year, they have increased by $5.6 \%$.

Whilst motor premiums have reduced over the quarter, home insurance premiums have risen, following a washout summer of storms and floods. Based on the Shoparound index, the quarterly growth for the cost of building cover increased by $2.4 \%$ whilst the cost of insurance cover increased by a more modest $0.8 \%$. The wet summer cost insurers in excess of £400 million, and experts predict that heavy rain will become three or four times more common in the next few decades, which will result in increased floods-by 2030 they expect the cost of flood damage in Britain to triple. Experts also claim that more money needs to be invested in flood defence, as investment has fallen by 20\%. After the floods in Carlisle in 2005, £38 million was spent on flood defence, and following a recent flood, the new defences kept around 1,500 homes in the city dry.

## MARKETS

## MARKETS AT A GLANCE



|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ASSET | 3 Months | 1 Year | 2 Years | 3 Years | 4 Years | 5 Years | 10 Years $\%$ |
|  | $\%$ | $\%$ pa | $\%$ pa | $\%$ pa | $\%$ pa | $\%$ pa | p.a. |

## EQUITIES

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| FTSE All Share | $4.7 \%$ | $17.2 \%$ | $5.9 \%$ | $8.0 \%$ | $8.7 \%$ | $1.7 \%$ | $9.0 \%$ |
| FTSE 100 | $4.1 \%$ | $16.4 \%$ | $5.5 \%$ | $7.5 \%$ | $8.0 \%$ | $1.4 \%$ | $8.3 \%$ |
| FTSE 250 | $8.2 \%$ | $23.1 \%$ | $8.6 \%$ | $11.7 \%$ | $13.7 \%$ | $4.3 \%$ | $13.8 \%$ |
| FTSE Small Cap | $8.6 \%$ | $17.8 \%$ | $6.7 \%$ | $6.5 \%$ | $10.5 \%$ | $-0.3 \%$ | $8.9 \%$ |

INTERNATIONAL

| North America | $3.5 \%$ | $24.2 \%$ | $12.3 \%$ | $12.1 \%$ | $10.2 \%$ | $5.9 \%$ | $8.3 \%$ |
| :--- | ---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Europe ex UK | $6.6 \%$ | $12.5 \%$ | $-1.4 \%$ | $-0.4 \%$ | $3.6 \%$ | $-1.5 \%$ | $9.7 \%$ |
| Japan | $-3.6 \%$ | $-5.2 \%$ | $-1.7 \%$ | $-0.7 \%$ | $2.0 \%$ | $-1.7 \%$ | $3.5 \%$ |
| Pacific Basin ex Japan | $7.4 \%$ | $19.7 \%$ | $4.0 \%$ | $8.4 \%$ | $15.2 \%$ | $5.4 \%$ | $15.6 \%$ |
| Emerging Markets | $4.6 \%$ | $11.8 \%$ | $-2.7 \%$ | $5.3 \%$ | $11.8 \%$ | $4.1 \%$ | $17.2 \%$ |
| World (FTSE All World) | $4.0 \%$ | $17.3 \%$ | $5.7 \%$ | $7.3 \%$ | $8.7 \%$ | $3.3 \%$ | $9.1 \%$ |
| World ex UK (Developed) | $3.8 \%$ | $18.2 \%$ | $7.0 \%$ | $7.6 \%$ | $8.3 \%$ | $3.4 \%$ | $8.5 \%$ |
| PROPERTY | $0.4 \%$ | $3.3 \%$ | $6.0 \%$ | $11.2 \%$ | $2.7 \%$ | $-1.9 \%$ | $6.0 \%$ |

BONDS \& CASH

| UK Gilts (Over 15 Years) | $1.1 \%$ | $13.0 \%$ | $12.1 \%$ | $10.7 \%$ | $11.3 \%$ | $10.1 \%$ | $6.7 \%$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UK Gilts (All Stocks) | $1.1 \%$ | $8.3 \%$ | $8.0 \%$ | $7.8 \%$ | $8.6 \%$ | $8.3 \%$ | $6.0 \%$ |
| UK Index Linked (AII) | $-2.6 \%$ | $4.6 \%$ | $8.2 \%$ | $8.6 \%$ | $7.4 \%$ | $8.0 \%$ | $7.1 \%$ |
| Cash | $0.1 \%$ | $0.6 \%$ | $0.6 \%$ | $0.5 \%$ | $0.6 \%$ | $1.6 \%$ | $3.1 \%$ |
| Corporate (All Inv Grade) | $6.5 \%$ | $16.2 \%$ | $7.6 \%$ | $9.3 \%$ | $10.2 \%$ | $6.4 \%$ | $5.5 \%$ |
| Corporate (AAA) | $3.0 \%$ | $8.8 \%$ | $6.9 \%$ | $7.3 \%$ | $7.7 \%$ | $5.0 \%$ | $4.6 \%$ |
| Corporate (AA) | $4.0 \%$ | $14.1 \%$ | $7.4 \%$ | $8.4 \%$ | $9.5 \%$ | $6.4 \%$ | $5.2 \%$ |
| Corporate (A) | $5.9 \%$ | $15.6 \%$ | $7.0 \%$ | $8.7 \%$ | $8.1 \%$ | $4.4 \%$ | $4.4 \%$ |
| Corporate (BBB) | $8.2 \%$ | $17.8 \%$ | $8.2 \%$ | $10.7 \%$ | $13.2 \%$ | $8.6 \%$ | $7.1 \%$ |
| OTHER |  |  |  |  |  |  |  |
| Retail Price Index | $1.0 \%$ | $2.6 \%$ | $4.1 \%$ | $4.3 \%$ | $2.9 \%$ | $3.3 \%$ | $3.3 \%$ |
| National Average Earnings | $0.5 \%$ | $1.9 \%$ | $1.9 \%$ | $2.4 \%$ | $2.1 \%$ | $2.3 \%$ | $3.1 \%$ |

## MARKETS

UK MARKET RETURNS

|  | Equities | Property | Gilts | Corporate Bonds | Index Linked | Cash |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |
| Q1 | 16.5\% | 3.3\% | 6.3\% | 3.6\% | 3.1\% | 1.8\% |
| Q2 | -0.8\% | 3.8\% | 3.4\% | 1.9\% | 4.8\% | 1.8\% |
| Q3 | -13.9\% | 2.8\% | 11.6\% | 3.2\% | 3.1\% | 1.9\% |
| Q4 | 14.5\% | 1.7\% | 5.7\% | 5.6\% | 7.6\% | 1.8\% |
| Annual | 13.9\% | 12.2\% | 29.7\% | 15.0\% | 19.9\% | 7.3\% |
| 1999 |  |  |  |  |  |  |
| Q1 | 9.1\% | 2.1\% | -1.4\% | 1.3\% | 1.9\% | 1.3\% |
| Q2 | 2.3\% | 3.7\% | -1.4\% | -1.4\% | -0.1\% | 1.3\% |
| Q3 | -3.4\% | 3.7\% | -1.5\% | -1.7\% | -2.2\% | 1.3\% |
| Q4 | 15.1\% | 4.0\% | 4.0\% | 1.9\% | 4.8\% | 0.9\% |
| Annual | 24.2\% | 14.1\% | -0.4\% | 0.1\% | 4.4\% | 4.8\% |
| 2000 |  |  |  |  |  |  |
| Q1 | -3.4\% | 3.1\% | 2.0\% | 1.9\% | 0.3\% | 1.5\% |
| Q2 | -2.1\% | 2.6\% | 1.4\% | -0.1\% | 2.9\% | 1.5\% |
| Q3 | 0.6\% | 2.3\% | -0.9\% | 3.5\% | -1.5\% | 1.5\% |
| Q4 | -1.1\% | 2.1\% | 5.3\% | 4.2\% | 2.5\% | 1.2\% |
| Annual | -5.9\% | 10.5\% | 8.0\% | 9.8\% | 4.3\% | 5.7\% |
| 2001 |  |  |  |  |  |  |
| Q1 | -8.4\% | 1.8\% | -2.1\% | 1.7\% | -2.7\% | 1.5\% |
| Q2 | 1.2\% | 1.7\% | -4.3\% | 0.0\% | 0.1\% | 1.2\% |
| Q3 | -13.5\% | 1.5\% | 4.4\% | 2.9\% | 1.0\% | 1.2\% |
| Q4 | 8.2\% | 1.9\% | 1.2\% | 2.6\% | 1.1\% | 1.1\% |
| Annual | -13.3\% | 7.1\% | -0.9\% | 7.3\% | -0.5\% | 5.0\% |
| 2002 |  |  |  |  |  |  |
| Q1 | 2.3\% | 1.9\% | -2.6\% | 1.1\% | 1.0\% | 0.8\% |
| Q2 | -11.0\% | 2.9\% | 4.8\% | 2.4\% | 3.4\% | 0.9\% |
| Q3 | -19.6\% | 2.9\% | 7.8\% | 4.2\% | 2.0\% | 0.9\% |
| Q4 | 5.6\% | 2.4\% | -0.2\% | 1.1\% | 1.5\% | 1.0\% |
| Annual | -22.7\% | 10.5\% | 9.9\% | 9.0\% | 8.2\% | 3.8\% |
| 2003 |  |  |  |  |  |  |
| Q1 | -7.2\% | 2.0\% | 0.2\% | 1.5\% | 3.1\% | 1.0\% |
| Q2 | 14.5\% | 2.7\% | 1.2\% | 4.1\% | 2.5\% | 0.9\% |
| Q3 | 3.9\% | 2.8\% | -0.6\% | 0.9\% | -0.5\% | 0.9\% |
| Q4 | 9.4\% | 3.3\% | 0.4\% | 0.8\% | 1.3\% | 0.9\% |
| Annual | 20.9\% | 11.2\% | 1.2\% | 7.5\% | 6.6\% | 3.6\% |
| 2004 |  |  |  |  |  |  |
| Q1 | 0.6\% | 3.5\% | 1.8\% | 0.5\% | 2.8\% | 1.0\% |
| Q2 | 2.2\% | 4.9\% | -1.7\% | -1.1\% | -0.4\% | 1.1\% |
| Q3 | 2.9\% | 4.3\% | 4.0\% | 3.7\% | 2.7\% | 1.2\% |
| Q4 | 6.7\% | 4.9\% | 4.2\% | 3.4\% | 3.2\% | 1.2\% |
| Annual | 12.8\% | 18.9\% | 8.4\% | 6.6\% | 8.5\% | 4.5\% |

Highest Market Return in Year
Across Major Asset Classes

UK MARKET RETURNS

|  | Equities | Property | Gilts | Corporate Bonds | Index Linked | Cash |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2005 |  |  |  |  |  |  |
| Q1 | 3.0\% | 2.7\% | -1.0\% | 0.5\% | -0.1\% | 1.2\% |
| Q2 | 5.0\% | 4.5\% | 6.7\% | 4.5\% | 4.1\% | 1.2\% |
| Q3 | 8.2\% | 4.4\% | 0.3\% | 1.0\% | 1.4\% | 1.1\% |
| Q4 | 4.3\% | 6.1\% | 4.7\% | 2.6\% | 3.4\% | 1.2\% |
| Annual | 22.0\% | 18.8\% | 11.0\% | 8.8\% | 9.0\% | 4.7\% |
| 2006 |  |  |  |  |  |  |
| Q1 | 8.1\% | 4.4\% | -1.2\% | -0.7\% | -0.7\% | 1.1\% |
| Q2 | -1.8\% | 5.1\% | -2.7\% | -1.1\% | -0.7\% | 1.2\% |
| Q3 | 3.6\% | 3.7\% | 4.9\% | 2.4\% | 4.0\% | 1.2\% |
| Q4 | 6.2\% | 3.8\% | -0.8\% | 0.3\% | 0.2\% | 1.3\% |
| Annual | 16.8\% | 18.1\% | 0.0\% | 0.8\% | 2.9\% | 4.8\% |
| 2007 |  |  |  |  |  |  |
| Q1 | 2.9\% | 2.3\% | -2.3\% | -0.2\% | -0.5\% | 1.3\% |
| Q2 | 4.5\% | 2.1\% | -4.8\% | -2.1\% | -1.5\% | 1.4\% |
| Q3 | -1.8\% | -1.0\% | 4.6\% | 1.1\% | 5.1\% | 1.5\% |
| Q4 | -0.3\% | -8.5\% | 5.6\% | 1.7\% | 5.4\% | 1.4\% |
| Annual | 5.3\% | -5.5\% | 2.7\% | 0.4\% | 8.5\% | 5.7\% |
| 2008 |  |  |  |  |  |  |
| Q1 | -9.9\% | -3.4\% | -0.1\% | -4.4\% | 3.7\% | 1.3\% |
| Q2 | -1.4\% | -2.7\% | -4.0\% | -0.1\% | 1.1\% | 1.3\% |
| Q3 | -12.2\% | -4.8\% | 4.0\% | -4.8\% | -0.3\% | 1.4\% |
| Q4 | -10.2\% | -13.5\% | 13.9\% | -0.9\% | -0.7\% | 0.5\% |
| Annual | -29.9\% | -22.5\% | 13.6\% | -9.9\% | 3.7\% | 4.5\% |
| 2009 |  |  |  |  |  |  |
| Q1 | -9.1\% | -7.1\% | -4.5\% | -8.2\% | -1.3\% | 0.2\% |
| Q2 | 10.9\% | -2.7\% | -1.6\% | 11.3\% | 2.9\% | 0.1\% |
| Q3 | 22.4\% | 3.3\% | 5.9\% | 11.5\% | 3.1\% | 0.1\% |
| Q4 | 5.5\% | 9.4\% | -4.3\% | 1.0\% | 1.6\% | 0.1\% |
| Annual | 30.1\% | 2.2\% | -4.8\% | 15.1\% | 6.4\% | 0.5\% |
| 2010 |  |  |  |  |  |  |
| Q1 | 6.4\% | 5.7\% | 0.2\% | 4.6\% | 2.2\% | 0.1\% |
| Q2 | -11.8\% | 3.6\% | 6.4\% | 1.0\% | 1.7\% | 0.1\% |
| Q3 | 13.6\% | 2.2\% | 5.8\% | 5.5\% | 3.6\% | 0.1\% |
| Q4 | 7.4\% | 2.2\% | -3.5\% | -2.6\% | 1.1\% | 0.1\% |
| Annual | 14.5\% | 14.5\% | 8.8\% | 8.7\% | 8.9\% | 0.4\% |
| 2011 |  |  |  |  |  |  |
| Q1 | 1.0\% | 2.3\% | -1.5\% | 1.5\% | 0.0\% | 0.1\% |
| Q2 | 1.9\% | 2.1\% | 2.3\% | 1.7\% | 4.0\% | 0.2\% |
| Q3 | -13.5\% | 1.9\% | 14.4\% | -1.0\% | 6.4\% | 0.2\% |
| Q4 | 8.4\% | 1.6\% | 9.6\% | 3.1\% | 8.4\% | 0.2\% |
| Annual | -3.5\% | 8.1\% | 26.3\% | 5.4\% | 19.9\% | 0.6\% |
| 2012 |  |  |  |  |  |  |
| 01 | 6.1\% | 0.9\% | -4.4\% | 4.0\% | -1.5\% | 0.2\% |
| 02 | -2.6\% | 0.3\% | 6.7\% | 1.7\% | 0.6\% | 0.2\% |
| Q3 | 4.7\% | 0.4\% | 1.1\% | 6.5\% | -2.6\% | 0.1\% |

INTERNATIONAL MARKET RETURNS

|  |  | World ex UK | North <br> America | Europe ex UK | Japan | Pacific Basin ex Japan | Emerging <br> Markets |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 | Q1 | 11.8\% | 12.0\% | 19.5\% | 1.0\% | 1.0\% | 6.1\% |
|  | Q2 | 2.8\% | 3.4\% | 8.3\% | -4.9\% | -20.7\% | -24.1\% |
|  | Q3 | -14.0\% | -12.3\% | -17.9\% | -15.6\% | -6.7\% | -22.4\% |
|  | Q4 | 25.1\% | 24.7\% | 23.8\% | 30.0\% | 26.8\% | 22.2\% |
|  | Annual | 23.7\% | 26.8\% | 31.5\% | 5.4\% | -5.3\% | -23.5\% |
| 1999 | Q1 | 6.5\% | 8.2\% | -1.9\% | 14.7\% | 10.0\% | 13.0\% |
|  | Q2 | 8.6\% | 9.6\% | 3.1\% | 11.2\% | 19.0\% | 30.2\% |
|  | Q3 | -5.4\% | -10.3\% | -2.0\% | 15.4\% | -9.9\% | -7.7\% |
|  | Q4 | 19.3\% | 17.9\% | 20.8\% | 20.8\% | 22.5\% | 28.5\% |
|  | Annual | 30.6\% | 25.4\% | 19.7\% | 77.7\% | 44.5\% | 74.4\% |
| 2000 | Q1 | 3.0\% | 4.6\% | 0.9\% | 1.0\% | -5.4\% | 0.3\% |
|  | Q2 | 2.3\% | 2.4\% | 5.0\% | -2.7\% | 4.3\% | -6.0\% |
|  | Q3 | -1.2\% | 1.9\% | -5.8\% | -6.9\% | -2.4\% | -10.5\% |
|  | Q4 | -7.3\% | -8.9\% | 2.1\% | -16.2\% | -1.3\% | -13.7\% |
|  | Annual | -3.5\% | -0.5\% | 1.8\% | -23.4\% | -5.0\% | -27.2\% |
| 2001 | Q1 | -8.8\% | -8.4\% | -12.0\% | -5.1\% | -7.5\% | 2.2\% |
|  | Q2 | 4.6\% | 7.0\% | -1.8\% | 2.9\% | 9.0\% | 7.0\% |
|  | Q3 | -19.0\% | -18.6\% | -18.4\% | -22.2\% | -23.1\% | -24.6\% |
|  | Q4 | 10.7\% | 11.8\% | 13.3\% | -4.5\% | 20.1\% | 27.7\% |
|  | Annual | -14.4\% | -10.8\% | -20.0\% | -27.4\% | -6.7\% | 5.2\% |
| 2002 | Q1 | 2.5\% | 2.3\% | 2.3\% | 3.7\% | 5.2\% | 14.9\% |
|  | Q2 | -15.2\% | -19.3\% | -9.2\% | -0.5\% | -7.9\% | -14.2\% |
|  | Q3 | -20.8\% | -19.5\% | -28.7\% | -14.3\% | -15.0\% | -19.2\% |
|  | Q4 | 5.3\% | 6.0\% | 10.2\% | -7.3\% | 2.2\% | 6.7\% |
|  | Annual | -27.5\% | -29.5\% | -27.0\% | -18.0\% | -15.8\% | -15.1\% |
| 2003 | Q1 | -2.8\% | -1.1\% | -7.7\% | -5.8\% | 1.4\% | -4.3\% |
|  | Q2 | 12.3\% | 10.7\% | 20.4\% | 7.3\% | 10.6\% | 17.9\% |
|  | Q3 | 4.3\% | 2.0\% | 3.4\% | 21.2\% | 10.9\% | 13.8\% |
|  | Q4 | 5.6\% | 4.2\% | 12.9\% | 0.4\% | 5.7\% | 7.8\% |
|  | Annual | 20.2\% | 16.4\% | 29.7\% | 23.0\% | 31.4\% | 38.5\% |
| 2004 | Q1 | 0.4\% | -0.7\% | -2.6\% | 12.3\% | 3.2\% | 8.0\% |
|  | Q2 | 2.3\% | 2.8\% | 4.4\% | -2.4\% | -3.5\% | -8.3\% |
|  | Q3 | -1.0\% | -1.1\% | 0.7\% | -7.6\% | 10.0\% | 8.1\% |
|  | Q4 | 5.5\% | 3.1\% | 11.2\% | 6.5\% | 9.8\% | 11.4\% |
|  | Annual | 7.2\% | 4.1\% | 13.8\% | 7.9\% | 20.4\% | 19.3\% |
| 2005 | Q1 | 0.4\% | 0.0\% | 1.5\% | -0.4\% | 2.0\% | 2.8\% |
|  | Q2 | 6.5\% | 7.6\% | 4.8\% | 1.8\% | 10.8\% | 10.1\% |
|  | Q3 | 8.4\% | 5.9\% | 9.8\% | 19.9\% | 11.4\% | 19.5\% |
|  | Q4 | 6.5\% | 5.4\% | 6.2\% | 15.0\% | 2.6\% | 11.6\% |
|  | nual | 23.5\% | 20.2\% | 24.1\% | 39.7\% | 29.1\% | 51.1\% |

Highest Market Return in Year
Across Overseas Markets

INTERNATIONAL MARKET RETURNS

|  |  | World ex UK | North America | Europe <br> ex UK | Japan | Pacific Basin ex Japan | Emerging Markets |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | Q1 | 5.6\% | 3.4\% | 11.3\% | 5.7\% | 6.1\% | 11.1\% |
|  | Q2 | -6.9\% | -7.5\% | -4.5\% | -10.4\% | -3.4\% | -10.2\% |
|  | Q3 | 3.8\% | 4.3\% | 5.6\% | -1.8\% | 4.0\% | 4.2\% |
|  | Q4 | 3.3\% | 1.9\% | 7.0\% | -0.4\% | 11.8\% | 12.4\% |
|  | Annual | 5.4\% | 1.7\% | 20.1\% | -7.4\% | 19.2\% | 16.8\% |
| 2007 | Q1 | 2.2\% | 0.8\% | 4.2\% | 2.7\% | 7.1\% | 2.4\% |
|  | Q2 | 4.4\% | 4.3\% | 7.0\% | -2.7\% | 8.5\% | 13.0\% |
|  | Q3 | 1.3\% | 1.1\% | 0.8\% | -3.1\% | 13.6\% | 11.6\% |
|  | Q4 | 0.2\% | -0.6\% | 3.0\% | -3.4\% | 2.0\% | 6.5\% |
|  | Annual | 8.3\% | 5.6\% | 15.7\% | -6.4\% | 34.6\% | 37.4\% |
| 2008 | Q1 | -8.8\% | -9.1\% | -7.4\% | -7.2\% | -13.3\% | -10.0\% |
|  | Q2 | -2.0\% | -1.6\% | -5.2\% | 2.3\% | 0.5\% | -1.1\% |
|  | Q3 | -4.1\% | 1.3\% | -11.2\% | -7.8\% | -16.9\% | -17.5\% |
|  | Q4 | -2.1\% | -4.4\% | -2.2\% | 12.9\% | -4.7\% | -11.1\% |
| Annual |  | -16.0\% | -13.3\% | -23.8\% | -1.1\% | -31.0\% | -34.8\% |
| 2009 | Q1 | -11.5\% | -9.8\% | -15.9\% | -16.1\% | -2.1\% | 1.6\% |
|  | Q2 | 5.2\% | 1.8\% | 9.7\% | 7.0\% | 16.2\% | 18.4\% |
|  | Q3 | 21.1\% | 19.3\% | 29.4\% | 9.3\% | 27.7\% | 25.2\% |
|  | Q4 | 2.8\% | 4.8\% | 0.5\% | -4.0\% | 4.1\% | 7.8\% |
|  | Annual | 15.9\% | 14.8\% | 19.9\% | -5.8\% | 51.2\% | 62.5\% |
| 2010 | Q1 | 10.4\% | 12.5\% | 3.9\% | 15.4\% | 9.8\% | 9.1\% |
|  | Q2 | -11.1\% | -10.3\% | -14.3\% | -8.7\% | -10.4\% | -6.5\% |
|  | Q3 | 7.7\% | 5.8\% | 13.4\% | 0.1\% | 15.0\% | 12.1\% |
|  | Q4 | 9.9\% | 11.6\% | 4.7\% | 12.8\% | 9.3\% | 8.1\% |
|  | Annual | 16.2\% | 19.1\% | 5.7\% | 19.0\% | 23.7\% | 23.6\% |
| 2011 | Q1 | 2.6\% | 3.5\% | 5.7\% | -6.9\% | 1.5\% | -1.2\% |
|  | Q2 | 0.5\% | -0.4\% | 3.2\% | 0.2\% | 0.4\% | -1.8\% |
|  | Q3 | -14.5\% | -11.8\% | -24.2\% | -3.1\% | -18.8\% | -19.2\% |
|  | Q4 | 7.6\% | 11.3\% | 3.6\% | -3.6\% | 6.2\% | 4.2\% |
|  | Annual | -5.1\% | 1.2\% | -14.4\% | -12.9\% | -12.3\% | -18.1\% |
| 2012 | Q1 | 9.2\% | 9.3\% | 9.7\% | 7.9\% | 9.7\% | 10.6\% |
|  | Q2 | -3.2\% | -1.4\% | -7.1\% | -5.5\% | -4.4\% | -7.3\% |
|  | Q3 | 3.8\% | 3.5\% | 6.6\% | -3.6\% | 7.4\% | 4.6\% |

HISTORIC RETURNS FOR UK MARKETS
EQUITIES
(FTSE all share)

|  | Year on Year Inflation | Annual | Inflation Adjusted | Rolling 5 Yr Real Return p.a. | Rolling 10 Yr Real Return p.a. | Rolling 25 Yr Real Return p.a. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1975 | 24.9\% | 149.6\% | 99.8\% | -4.7\% | -0.1\% | 5.0\% |
| 1976 | 15.1\% | -1.0\% | -14.0\% | -12.7\% | -0.7\% | 4.5\% |
| 1977 | 12.1\% | 57.2\% | 40.2\% | -8.9\% | -0.3\% | 6.1\% |
| 1978 | 8.4\% | 8.4\% | 0.0\% | 0.5\% | -3.1\% | 5.3\% |
| 1979 | 17.2\% | 11.4\% | -4.9\% | 18.0\% | -2.0\% | 3.6\% |
| 1980 | 15.1\% | 35.2\% | 17.5\% | 6.1\% | 0.6\% | 4.0\% |
| 1981 | 12.0\% | 13.6\% | 1.4\% | 9.7\% | -2.2\% | 4.6\% |
| 1982 | 5.4\% | 29.2\% | 22.6\% | 6.8\% | -1.4\% | 5.7\% |
| 1983 | 5.3\% | 29.1\% | 22.6\% | 11.2\% | 5.7\% | 5.0\% |
| 1984 | 4.6\% | 31.8\% | 26.0\% | 17.7\% | 17.9\% | 4.1\% |
| 1985 | 5.7\% | 20.7\% | 14.2\% | 17.0\% | 11.4\% | 4.7\% |
| 1986 | 3.7\% | 27.2\% | 22.7\% | 21.5\% | 15.5\% | 5.7\% |
| 1987 | 3.7\% | 8.4\% | 4.6\% | 17.7\% | 12.1\% | 6.0\% |
| 1988 | 6.8\% | 11.5\% | 4.4\% | 14.0\% | 12.6\% | 5.5\% |
| 1989 | 7.7\% | 36.1 \% | 26.4\% | 14.1\% | 15.9\% | 6.9\% |
| 1990 | 9.3\% | -9.7\% | -17.4\% | 6.9\% | 11.9\% | 5.8\% |
| 1991 | 4.5\% | 20.8\% | 15.6\% | 5.7\% | 13.3\% | 6.8\% |
| 1992 | 2.6\% | 20.5\% | 17.4\% | 8.2\% | 12.8\% | 6.2\% |
| 1993 | 1.9\% | 28.4\% | 26.0\% | 12.3\% | 13.2\% | 6.0\% |
| 1994 | 2.9\% | -5.8\% | -8.5\% | 5.3\% | 9.6\% | 6.3\% |
| 1995 | 3.2\% | 23.9\% | 20.0\% | 13.4\% | 10.1\% | 7.5\% |
| 1996 | 2.5\% | 16.7\% | 13.8\% | 13.1\% | 9.3\% | 6.8\% |
| 1997 | 3.6\% | 23.4\% | 19.1\% | 13.4\% | 10.8\% | 7.0\% |
| 1998 | 2.8\% | 13.9\% | 10.8\% | 10.5\% | 11.4\% | 9.6\% |
| 1999 | 1.8\% | 24.2\% | 22.0\% | 17.1\% | 11.0\% | 14.3\% |
| 2000 | 2.9\% | -5.9\% | -8.6\% | 10.9\% | 12.2\% | 10.8\% |
| 2001 | 0.7\% | -13.3\% | -13.9\% | 4.9\% | 8.9\% | 10.8\% |
| 2002 | 2.9\% | -22.7\% | -24.9\% | -4.4\% | 4.1\% | 8.1\% |
| 2003 | 2.8\% | 20.9\% | 17.6\% | -3.2\% | 3.4\% | 8.8\% |
| 2004 | 3.5\% | 12.8\% | 9.0\% | -5.4\% | 5.3\% | 9.4\% |
| 2005 | 2.2\% | 22.0\% | 19.4\% | -0.2\% | 5.2\% | 9.5\% |
| 2006 | 4.4\% | 16.8\% | 11.8\% | 5.2\% | 5.0\% | 9.9\% |
| 2007 | 4.0\% | 5.3\% | 1.2\% | 11.6\% | 3.3\% | 9.0\% |
| 2008 | 0.9\% | -29.9\% | -30.6\% | 0.4\% | -1.4\% | 6.6\% |
| 2009 | 2.4\% | 30.1 \% | 27.1\% | 3.6\% | -1.0\% | 6.6\% |
| 2010 | 4.8\% | 14.5\% | 9.3\% | 1.8\% | 0.8\% | 6.4\% |
| 2011 | 4.8\% | -3.5\% | -7.9\% | -2.1\% | 1.5\% | 5.2\% |


|  | Annual | Inflation Adjusted | Rolling 5 Yr Real Return p.a. | Rolling 10 Yr Real Return p.a. | Rolling 25 Yr Real Return p.a. | Annual | Inflation Adjusted | Rolling 5 Yr Real Return p.a. | Rolling 10 Yr Real Return p.a. | Rolling 25 Yr Real Return p.a. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1975 | 36.8\% | 9.5\% | -7.7\% | -5.4\% | -3.8\% | 10.7\% | -11.4\% | -4.7\% | -1.4\% | -0.6\% |
| 1976 | 13.8\% | -1.1\% | -10.7\% | -5.6\% | -3.0\% | 11.3\% | -3.3\% | -4.8\% | -2.0\% | -0.3\% |
| 1977 | 44.8\% | 29.2\% | -3.9\% | -3.2\% | -1.7\% | 9.4\% | -2.4\% | -4.9\% | -2.5\% | -0.2\% |
| 1978 | -2.7\% | -10.2\% | -2.2\% | -3.4\% | -2.6\% | 8.9\% | 0.5\% | -4.5\% | -2.6\% | -0.2\% |
| 1979 | 4.6\% | -10.8\% | 2.3\% | -4.1\% | -3.1\% | 14.7\% | -2.1\% | -3.8\% | -3.1\% | -0.2\% |
| 1980 | 20.7\% | 4.9\% | 1.4\% | -3.2\% | -2.3\% | 18.5\% | 3.0\% | -0.9\% | -2.8\% | 0.0\% |
| 1981 | 1.6\% | -9.3\% | -0.3\% | -5.7\% | -2.5\% | 14.4\% | 2.1\% | 0.2\% | -2.3\% | 0.0\% |
| 1982 | 53.6\% | 45.7\% | 2.1\% | -0.9\% | -0.5\% | 12.9\% | 7.1\% | 2.1\% | -1.5\% | 0.2\% |
| 1983 | 16.4\% | 10.5\% | 6.5\% | 2.0\% | -0.7\% | 10.3\% | 4.7\% | 2.9\% | -0.9\% | 0.3\% |
| 1984 | 7.2\% | 2.5\% | 9.4\% | 5.8\% | -0.6\% | 10.0\% | 5.2\% | 4.4\% | 0.2\% | 0.4\% |
| 1985 | 11.2\% | 5.2\% | 9.5\% | 5.4\% | -0.1\% | 12.9\% | 6.8\% | 5.2\% | 2.1\% | 0.5\% |
| 1986 | 11.5\% | 7.5\% | 13.3\% | 6.3\% | 0.7\% | 11.3\% | 7.3\% | 6.2\% | 3.2\% | 0.7\% |
| 1987 | 16.3\% | 12.2\% | 7.5\% | 4.8\% | 0.4\% | 10.1\% | 6.2\% | 6.0\% | 4.0\% | 0.9\% |
| 1988 | 9.4\% | 2.4\% | 5.9\% | 6.2\% | 0.4\% | 9.9\% | 2.9\% | 5.7\% | 4.3\% | 0.9\% |
| 1989 | 5.6\% | -1.9\% | 5.0\% | 7.2\% | 0.6\% | 14.1\% | 5.9\% | 5.8\% | 5.1\% | 1.2\% |
| 1990 | 4.0\% | -4.8\% | 2.9\% | 6.1\% | 0.4\% | 15.9\% | 6.0\% | 5.7\% | 5.4\% | 1.4\% |
| 1991 | 18.7\% | 13.6\% | 4.0\% | 8.6\% | 0.9\% | 12.7\% | 7.8\% | 5.8\% | 6.0\% | 1.6\% |
| 1992 | 16.9\% | 13.9\% | 4.3\% | 5.9\% | 1.4\% | 10.1\% | 7.3\% | 6.0\% | 6.0\% | 1.7\% |
| 1993 | 34.5\% | 32.0\% | 9.8\% | 7.8\% | 2.9\% | 6.1\% | 4.1\% | 6.2\% | 6.0\% | 1.8\% |
| 1994 | -12.2\% | -14.7\% | 6.8\% | 5.9\% | 2.4\% | 5.1\% | 2.1\% | 5.5\% | 5.6\% | 1.8\% |
| 1995 | 17.3\% | 13.7\% | 10.6\% | 6.7\% | 3.1\% | 6.3\% | 3.0\% | 4.9\% | 5.3\% | 1.9\% |
| 1996 | 9.0\% | 6.3\% | 9.2\% | 6.6\% | 2.7\% | 6.1\% | 3.5\% | 4.0\% | 4.9\% | 2.2\% |
| 1997 | 22.8\% | 18.5\% | 10.0\% | 7.2\% | 3.9\% | 6.6\% | 2.9\% | 3.1\% | 4.6\% | 2.4\% |
| 1998 | 29.7\% | 26.2\% | 9.1\% | 9.4\% | 5.7\% | 7.4\% | 4.5\% | 3.2\% | 4.7\% | 2.6\% |
| 1999 | -0.4\% | -2.2\% | 12.1\% | 9.4\% | 7.1\% | 4.8\% | 2.9\% | 3.4\% | 4.4\% | 3.0\% |
| 2000 | 8.0\% | 4.9\% | 10.3\% | 10.5\% | 6.9\% | 5.7\% | 2.7\% | 3.3\% | 4.1\% | 3.6\% |
| 2001 | -0.9\% | -1.6\% | 8.6\% | 8.9\% | 6.9\% | 5.0\% | 4.3\% | 3.5\% | 3.7\% | 3.9\% |
| 2002 | 9.9\% | 6.8\% | 6.4\% | 8.2\% | 6.0\% | 3.8\% | 0.8\% | 3.0\% | 3.1\% | 4.0\% |
| 2003 | 1.2\% | -1.6\% | 1.2\% | 5.1\% | 6.4\% | 3.6\% | 0.8\% | 2.3\% | 2.7\% | 4.1\% |
| 2004 | 8.4\% | 4.7\% | 2.6\% | 7.2\% | 7.1\% | 4.5\% | 1.0\% | 1.9\% | 2.6\% | 4.2\% |
| 2005 | 11.0\% | 8.6\% | 3.3\% | 6.8\% | 7.3\% | 4.7\% | 2.4\% | 1.9\% | 2.6\% | 4.2\% |
| 2006 | 0.0\% | -4.2\% | 2.8\% | 5.6\% | 7.5\% | 4.8\% | 0.3\% | 1.1\% | 2.3\% | 4.1\% |
| 2007 | 2.7\% | -1.3\% | 1.1\% | 3.7\% | 5.8\% | 5.7\% | 1.6\% | 1.2\% | 2.1\% | 3.9\% |
| 2008 | 13.6\% | 12.6\% | 3.9\% | 2.5\% | 5.9\% | 4.5\% | 3.6\% | 1.8\% | 2.0\% | 3.8\% |
| 2009 | -4.8\% | -7.1\% | 1.4\% | 2.0\% | 5.5\% | 0.5\% | -1.8\% | 1.2\% | 1.5\% | 3.5\% |
| 2010 | 8.8\% | 3.8\% | 0.5\% | 1.9\% | 5.4\% | 0.4\% | -4.1\% | -0.1\% | 0.9\% | 3.1\% |
| 2011 | 26.3\% | 20.5\% | 5.2\% | 4.0\% | 5.9\% | 0.6\% | -4.0\% | -1.0\% | 0.0\% | 2.6\% |

## MARKETS

## VOLATILITY OF MARKETS




FTSE AW Europe ex UK


The annualized standard deviation of daily returns provides a measure of how volatile the market has been over the past month. High levels of volatility are associated with periods when prices have moved sharply from day to day.



QUARTERLY INVESTMENT YIELDS

|  |  | UK <br> Equities \% | Overseas <br> Equities \% | $\begin{aligned} & \text { Gilts } \\ & \% \end{aligned}$ | $\begin{aligned} & \text { Index } \\ & \text { Linked \% } \end{aligned}$ | Corporate <br> Bonds \% | $\begin{gathered} \text { Cash } \\ \% \end{gathered}$ | UK <br> Property \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 | Q1 | 2.36 | 1.49 | 5.96 | 2.85 |  | 7.06 | 6.20 |
|  | Q2 | 2.41 | 1.54 | 5.75 | 2.65 |  | 7.34 | 6.20 |
|  | Q3 | 2.84 | 1.72 | 4.89 | 2.47 |  | 7.22 | 6.20 |
|  | Q4 | 2.50 | 1.44 | 4.40 | 1.94 |  | 6.56 | 6.50 |
| 1999 | Q1 | 2.34 | 1.39 | 4.60 | 1.76 |  | 5.31 | 6.50 |
|  | Q2 | 2.26 | 1.50 | 4.82 | 1.90 |  | 4.69 | 6.30 |
|  | Q3 | 2.41 | 1.38 | 5.06 | 2.13 |  | 5.13 | 6.30 |
|  | Q4 | 2.12 | 1.17 | 4.80 | 1.80 |  | 5.03 | 6.30 |
| 2000 | Q1 | 2.11 | 1.15 | 4.71 | 1.87 |  | 6.00 | 6.30 |
|  | Q2 | 2.16 | 1.22 | 4.68 | 1.83 |  | 6.00 | 6.30 |
|  | Q3 | 2.17 | 1.22 | 4.85 | 2.02 |  | 6.13 | 6.40 |
|  | Q4 | 2.23 | 1.28 | 4.48 | 1.92 |  | 5.28 | 6.70 |
| 2001 | Q1 | 2.53 | 1.49 | 4.82 | 2.24 |  | 5.16 | 6.80 |
|  | Q2 | 2.42 | 1.44 | 5.10 | 2.41 |  | 4.94 | 6.90 |
|  | Q3 | 2.87 | 1.76 | 4.85 | 2.37 |  | 4.56 | 6.90 |
|  | Q4 | 2.63 | 1.58 | 4.84 | 2.30 |  | 3.56 | 7.00 |
| 2002 | Q1 | 2.66 | 1.58 | 5.15 | 2.28 |  | 3.94 | 7.00 |
|  | Q2 | 2.98 | 1.82 | 4.87 | 2.14 |  | 3.78 | 7.00 |
|  | Q3 | 3.73 | 2.22 | 4.36 | 2.01 | 5.11 | 3.56 | 6.80 |
|  | Q4 | 3.55 | 2.12 | 4.47 | 2.02 | 5.16 | 3.97 | 6.90 |
| 2003 | Q1 | 3.87 | 2.27 | 4.53 | 1.85 | 5.06 | 3.38 | 6.80 |
|  | Q2 | 3.43 | 1.99 | 4.52 | 1.76 | 5.06 | 3.38 | 6.80 |
|  | Q3 | 3.36 | 1.92 | 4.65 | 1.84 | 5.17 | 3.44 | 6.80 |
|  | Q4 | 3.10 | 1.78 | 4.71 | 1.83 | 5.18 | 3.81 | 6.70 |
| 2004 | Q1 | 3.13 | 1.83 | 4.66 | 1.67 | 5.22 | 4.06 | 6.50 |
|  | Q2 | 3.16 | 1.86 | 4.88 | 1.87 | 5.42 | 4.44 | 6.30 |
|  | Q3 | 3.16 | 1.95 | 4.67 | 1.71 | 5.23 | 4.69 | 6.10 |
|  | Q4 | 3.05 | 1.87 | 4.45 | 1.54 | 4.98 | 4.69 | 6.00 |
| 2005 | Q1 | 3.09 | 1.98 | 4.60 | 1.61 | 5.08 | 4.78 | 5.70 |
|  | Q2 | 3.10 | 2.03 | 4.20 | 1.39 | 4.83 | 4.75 | 5.60 |
|  | Q3 | 2.99 | 1.94 | 4.25 | 1.33 | 4.82 | 4.44 | 5.40 |
|  | Q4 | 2.95 | 1.92 | 4.00 | 1.09 | 4.48 | 4.56 | 5.20 |
| 2006 | Q1 | 2.91 | 1.87 | 4.15 | 1.19 | 4.62 | 4.44 | 5.00 |
|  | Q2 | 3.11 | 2.08 | 4.35 | 1.43 | 4.87 | 4.56 | 4.90 |
|  | Q3 | 3.06 | 2.03 | 4.11 | 1.16 | 4.59 | 4.81 | 4.80 |
|  | Q4 | 2.86 | 1.96 | 4.23 | 1.23 | 4.71 | 5.09 | 4.80 |


|  |  | UK <br> Equities \% | Overseas <br> Equities \% | Gilts \% | Index <br> Linked \% | Corporate Bonds \% | $\begin{gathered} \text { Cash } \\ \% \end{gathered}$ | UK <br> Property \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | Q1 | 2.84 | 2.00 | 4.46 | 1.38 | 4.92 | 5.31 | 4.80 |
|  | Q2 | 2.75 | 3.46 | 4.86 | 1.67 | 5.37 | 5.55 | 4.80 |
|  | Q3 | 2.89 | 2.41 | 4.63 | 1.33 | 5.44 | 5.95 | 5.10 |
|  | Q4 | 3.02 | 2.56 | 4.35 | 1.00 | 5.36 | 5.65 | 5.70 |
| 2008 | Q1 | 3.76 | 2.98 | 4.42 | 0.81 | 5.60 | 5.50 | 5.90 |
|  | Q2 | 4.08 | 2.70 | 4.77 | 0.86 | 5.90 | 5.15 | 6.20 |
|  | Q3 | 4.61 | 3.10 | 4.57 | 0.96 | 5.95 | 5.55 | 6.50 |
|  | Q4 | 4.49 | 3.90 | 3.80 | 0.97 | 5.40 | 1.88 | 7.40 |
| 2009 | Q1 | 5.12 | 4.20 | 4.16 | 1.01 | 4.68 | 0.55 | 7.80 |
|  | Q2 | 4.56 | 3.18 | 4.34 | 0.84 | 4.67 | 0.45 | 7.60 |
|  | Q3 | 3.33 | 2.59 | 4.04 | 0.69 | 4.46 | 0.33 | 7.20 |
|  | Q4 | 3.20 | 2.35 | 4.40 | 0.68 | 4.69 | 0.33 | 6.60 |
| 2010 | Q1 | 3.16 | 2.21 | 4.46 | 0.64 | 4.70 | 0.43 | 6.40 |
|  | Q2 | 3.34 | 2.52 | 4.14 | 0.67 | 4.36 | 0.33 | 6.30 |
|  | Q3 | 3.17 | 2.41 | 3.85 | 0.48 | 4.11 | 0.33 | 6.30 |
|  | Q4 | 2.89 | 2.26 | 4.14 | 0.49 | 4.38 | 0.43 | 6.20 |
| 2011 | Q1 | 2.96 | 2.28 | 4.30 | 0.63 | 4.52 | 0.43 | 6.10 |
|  | Q2 | 2.99 | 2.46 | 4.22 | 0.48 | 4.47 | 0.43 | 6.10 |
|  | Q3 | 3.66 | 2.95 | 3.45 | 0.16 | 3.66 | 0.38 | 6.10 |
|  | Q4 | 3.52 | 2.79 | 2.94 | -0.25 | 3.55 | 0.33 | 6.10 |
| 2012 | Q1 | 3.45 | 2.58 | 3.26 | -0.11 | 3.61 | 0.33 | 6.25 |
|  | Q2 | 3.69 | 2.74 | 2.92 | -0.10 | 3.29 | 0.33 | 6.25 |
|  | Q3 | 3.64 | 2.66 | 2.9 | 0.09 | 3.27 | 0.29 | 6.25 |
|  | Q4 |  |  |  |  |  |  |  |



Property -x-Equities \& Gilts
Historic Yield Differences (Quarterly)

## ECONOMICS

## BANK BASE RATES

| Effective Date |  | \% | Effective Date |  | $\begin{gathered} \hline \% \\ \hline 7.5 \end{gathered}$ | Effective Date |  | $\begin{array}{r} \% \\ \hline 3.7 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1992 | 5th May | 10.0 | 1998 | 4th June |  |  | Annual Average |  |
|  | 22nd September | 9.0 |  | 8th October | 7.25 | 2004 | 5th February | 4.0 |
|  | 16th October | 8.0 |  | 5th November | 6.75 |  | 6th May | 4.25 |
|  | 13th November | 7.0 |  | 10th December | 6.25 |  | 10th June | 4.5 |
|  | Annual Average | 9.6 |  | Annual Average | 7.2 |  | 5th August | 4.75 |
| 1993 | 26th January | 6.0 | 1999 | 7th January | 6.0 |  | Annual Average | 4.4 |
|  | 23rd November | 5.5 |  | 4th February | 5.5 | 2005 | 4th August | 4.5 |
|  | Annual Average | 6.0 |  | 10th June | 5.0 |  | Annual Average | 4.6 |
| 1994 | 8th February | 5.25 |  | 8th September | 5.25 | 2006 | 3rd August | 4.75 |
|  | 12th September | 5.75 |  | 4th November | 5.5 |  | 9th November | 5.0 |
|  | 7th December | 6.25 |  | Annual Average | 5.3 |  | Annual Average | 4.6 |
|  | Annual Average | 5.5 | 2000 | 13th January | 5.75 | 2007 | 11th January | 5.25 |
| 1995 | 3rd February | 6.75 |  | 10th February | 6.0 |  | 10th May | 5.5 |
|  | 13th December | 6.5 |  | Annual Average | 6.0 |  | 5th July | 5.75 |
|  | Annual Average | 6.7 | 2001 | 8th February | 5.75 |  | 6th December | 5.5 |
| 1996 | 18th January | 6.25 |  | 5th April | 5.5 |  | Annual Average | 5.5 |
|  | 8th March | 6.0 |  | 10th May | 5.25 | 2008 | 7th February | 5.25 |
|  | 6th June | 5.75 |  | 2nd August | 5.0 |  | 10th April | 5.0 |
|  | 30th October | 6.0 |  | 18th September | 4.75 |  | 8th October | 4.5 |
|  | Annual Average | 6.0 |  | 4th October | 4.5 |  | 6th November | 3.0 |
| 1997 | 6th May | 6.25 |  | 8th November | 4.0 |  | 4th December | 2.0 |
|  | 9th June | 6.5 |  | Annual Average | 5.1 |  | Annual Average | 4.7 |
|  | 10th July | 6.75 | 2002 | Annual Average | 4.0 | 2009 | 8th January | 1.5 |
|  | 7th August | 7.0 | 2003 | 6th February | 3.75 |  | 5th February | 1.0 |
|  | 6th November | 7.25 |  | 10th July <br> 6th November | 3.5 |  | 5th March | 0.5 |
|  | Annual Average | 6.6 |  |  | 3.75 |  | Annual Average | 0.7 |
|  |  |  |  |  |  | 2010 | Annual Average | 0.5 |
|  |  |  |  |  |  | 2011 | Annual Average | 0.5 |

## STERLING EXCHANGE RATES*



* End of quarter rates provided
** EURO from Q1 1999


## ECONOMICS

RETAIL PRICES INDEX

|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Annual Increase |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1987 | 100.0 | 100.4 | 100.6 | 101.8 | 101.9 | 101.9 | 101.8 | 102.1 | 102.4 | 102.9 | 103.4 | 103.3 |  |
| 1988 | 103.3 | 103.7 | 104.1 | 105.8 | 106.2 | 106.6 | 106.7 | 107.9 | 108.4 | 109.5 | 110.0 | 110.3 | 6.8\% |
| 1989 | 111.0 | 111.8 | 112.3 | 114.3 | 115.0 | 115.4 | 115.5 | 115.8 | 116.6 | 117.5 | 118.5 | 118.8 | 7.7\% |
| 1990 | 119.5 | 120.2 | 121.4 | 125.1 | 126.2 | 126.7 | 126.8 | 128.1 | 129.3 | 130.3 | 130.0 | 129.9 | 9.3\% |
| 1991 | 130.2 | 130.9 | 131.4 | 133.1 | 133.5 | 134.1 | 133.8 | 134.1 | 134.6 | 135.1 | 135.6 | 135.7 | 4.5\% |
| 1992 | 135.6 | 136.3 | 136.7 | 138.8 | 139.3 | 139.3 | 138.8 | 138.9 | 139.4 | 139.9 | 139.7 | 139.2 | 2.6\% |
| 1993 | 137.9 | 138.8 | 139.3 | 140.6 | 141.1 | 141.0 | 140.7 | 141.3 | 141.9 | 141.8 | 141.6 | 141.9 | 1.9\% |
| 1994 | 141.3 | 142.1 | 142.5 | 144.2 | 144.7 | 144.7 | 144.0 | 144.7 | 145.0 | 145.2 | 145.3 | 146.0 | 2.9\% |
| 1995 | 146.0 | 146.9 | 147.5 | 149.0 | 149.6 | 149.8 | 149.1 | 149.9 | 150.6 | 149.8 | 149.8 | 150.7 | 3.2\% |
| 1996 | 150.2 | 150.9 | 151.5 | 152.6 | 152.9 | 153.0 | 152.4 | 153.1 | 153.8 | 153.8 | 153.9 | 154.4 | 2.5\% |
| 1997 | 154.4 | 155.0 | 155.4 | 156.3 | 156.9 | 157.5 | 157.5 | 158.5 | 159.3 | 159.5 | 159.6 | 160.0 | 3.6\% |
| 1998 | 159.5 | 160.3 | 160.8 | 162.6 | 163.5 | 163.4 | 163.0 | 163.7 | 164.4 | 164.5 | 164.4 | 164.4 | 2.8\% |
| 1999 | 163.4 | 163.7 | 164.1 | 165.2 | 165.6 | 165.6 | 165.1 | 165.5 | 166.2 | 166.5 | 166.7 | 167.3 | 1.8\% |
| 2000 | 166.6 | 167.5 | 168.4 | 170.1 | 170.7 | 171.1 | 170.5 | 170.5 | 171.7 | 171.6 | 172.1 | 172.2 | 2.9\% |
| 2001 | 171.1 | 172.0 | 172.2 | 173.1 | 174.2 | 174.4 | 173.3 | 174.0 | 174.6 | 174.3 | 173.6 | 173.4 | 0.7\% |
| 2002 | 173.3 | 173.8 | 174.5 | 175.7 | 176.2 | 176.2 | 175.9 | 176.4 | 177.6 | 177.9 | 178.2 | 178.5 | 2.9\% |
| 2003 | 178.4 | 179.3 | 179.9 | 181.2 | 181.5 | 181.3 | 181.3 | 181.6 | 182.5 | 182.6 | 182.7 | 183.5 | 2.8\% |
| 2004 | 183.1 | 183.8 | 184.6 | 185.7 | 186.5 | 186.8 | 186.8 | 187.4 | 188.1 | 188.6 | 189.0 | 189.9 | 3.5\% |
| 2005 | 188.9 | 189.6 | 190.5 | 191.6 | 192.0 | 192.2 | 192.2 | 192.6 | 193.1 | 193.3 | 193.6 | 194.1 | 2.2\% |
| 2006 | 193.4 | 194.2 | 195.0 | 196.5 | 197.7 | 198.5 | 198.5 | 199.2 | 200.1 | 200.4 | 201.1 | 202.7 | 4.4\% |
| 2007 | 201.6 | 203.1 | 204.4 | 205.4 | 206.2 | 207.3 | 206.1 | 207.3 | 208.0 | 208.9 | 209.7 | 210.9 | 4.0\% |
| 2008 | 209.8 | 211.4 | 212.1 | 214.0 | 215.1 | 216.8 | 216.5 | 217.2 | 218.4 | 217.7 | 216.0 | 212.9 | 0.9\% |
| 2009 | 210.1 | 211.4 | 211.3 | 211.5 | 212.8 | 213.4 | 213.4 | 214.4 | 215.3 | 216.0 | 216.6 | 218.0 | 2.4\% |
| 2010 | 217.9 | 219.2 | 220.7 | 222.8 | 223.6 | 224.1 | 223.6 | 224.5 | 225.3 | 225.8 | 226.8 | 228.4 | 4.8\% |
| 2011 | 229.0 | 231.3 | 232.5 | 234.4 | 235.2 | 235.2 | 234.7 | 236.1 | 237.9 | 238 | 238.5 | 239.4 | 4.8\% |
| 2012 | 238 | 239.9 | 240.8 | 242.5 | 242.4 | 241.8 | 242.1 | 243 | 244.2 |  |  |  |  |

Rolling Annual Increase on a Monthly Basis


## AVERAGE EARNINGS INDEX FOR ALL EMPLOYEES

|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The National Average Earnings Index was discontinued as of September 2010, with the last data being supplied for July 2010. From August 2010, data from the National Weekly Earnings Index replaces the National Average Earning index. Subsequently, measures of past performance incorporating data from both indices can only be regarded as estimations. For more information regarding this change please refer to the Office of National Statistics.

The Office of National Statistics has provided a provisional figure for May and has revised the figures for several previous quarters.
Rolling Annual Increase on a Monthly Basis


## INSURANCE

INSURANCE PREMIUM INDEX-MARKET AVERAGE PREMIUMS

|  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor Comp | Motor <br> Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | Q1 | 162.0 | 104.4 |  | 391.4 | 407.1 | 2004 | Q1 | 169.6 | 116.1 |  | 771.0 | 821.4 |
|  | Q2 | 160.4 | 105.4 |  | 397.6 | 409.6 |  | Q2 | 169.6 | 116.6 |  | 754.1 | 813.6 |
|  | Q3 | 158.4 | 104.7 |  | 388.4 | 409.1 |  | Q3 | 169.5 | 115.3 |  | 747.2 | 815.3 |
|  | Q4 | 150.2 | 102.0 |  | 369.8 | 402.9 |  | Q4 | 169.8 | 115.2 |  | 750.9 | 820.1 |
|  | Annual | -10.8\% | -5.8\% |  | -8.0\% | -4.2\% |  | Annual | 0.1\% | -0.1\% |  | -2.8\% | -0.1\% |
| 1996 | Q1 | 147.2 | 98.9 |  | 369.8 | 402.6 | 2005 | Q1 | 168.3 | 114.6 |  | 745.6 | 818.4 |
|  | Q2 | 143.7 | 98.5 |  | 377.2 | 404.2 |  | Q2 | 165.1 | 112.8 |  | 752.0 | 825.6 |
|  | Q3 | 145.4 | 98.5 |  | 399.5 | 421.4 |  | Q3 | 167.0 | 115.2 |  | 760.5 | 845.1 |
|  | Q4 | 148.9 | 100.6 |  | 405.4 | 427.4 |  | Q4 | 168.3 | 114.7 |  | 757.4 | 848.1 |
|  | Annual | -0.8\% | -1.4\% |  | 9.6\% | 6.1\% |  | Annual | -0.9\% | -0.4\% |  | 0.9\% | 3.4\% |
| 1997 | Q1 | 151.1 | 102.0 |  | 421.2 | 442.4 | 2006 | Q1 | 169.4 | 115.9 |  | 753.5 | 862.9 |
|  | Q2 | 150.8 | 101.7 |  | 426.3 | 446.6 |  | Q2 | 168.6 | 116.0 |  | 757.8 | 860.4 |
|  | Q3 | 151.2 | 101.4 |  | 434.9 | 445.8 |  | Q3 | 168.0 | 113.0 |  | 767.1 | 900.2 |
|  | Q4 | 151.2 | 101.8 |  | 443.8 | 463.0 |  | Q4 | 170.1 | 112.4 |  | 800.5 | 901.3 |
|  | Annual | 1.5\% | 1.3\% |  | 9.5\% | 8.3\% |  | Annual | 1.1\% | -2.0\% |  | 5.7\% | 6.3\% |
| 1998 | Q1 | 150.1 | 102.1 |  | 450.7 | 470.9 | 2007 | Q1 | 171.5 | 113.8 |  | 797.3 | 895.7 |
|  | Q2 | 150.2 | 102.7 |  | 463.3 | 484.1 |  | Q2 | 168.2 | 112.3 |  | 817.2 | 907.6 |
|  | Q3 | 149.7 | 102.6 |  | 475.3 | 495.6 |  | Q3 | 173.3 | 114.9 |  | 828.2 | 940.0 |
|  | Annual | 150.1 | 102.1 |  | 484.9 | 507.2 |  | Q4 | 175.8 | 115.3 |  | 843.2 | 972.2 |
|  |  | -0.7\% | 0.2\% |  | 9.2\% | 9.6\% |  | Annual | 3.3\% | 2.6\% |  | 5.3\% | 7.9\% |
| 1999 | Q1 | 150.1 | 102.5 |  | 491.9 | 517.4 | 2008 | Q1 | 175.4 | 116.5 |  | 839.0 | 963.3 |
|  | Q2 | 152.7 | 103.6 |  | 513.0 | 532.8 |  | Q2 | 176.3 | 116.6 | 265.4 | 864.3 | 1015.5 |
|  | Q3 | 152.3 | 103.8 |  | 529.3 | 548.0 |  | Q3 | 179.5 | 111.7 | 260.3 | 891.1 | 1009.9 |
|  | Q4 | 152.9 | 104.3 |  | 560.7 | 579.9 |  | Q4 | 189.0 | 109.9 | 264.1 | 916.9 | 1044.5 |
|  | Annual | 1.9\% | 2.2\% |  | 15.7\% | 14.3\% |  | Annual | 7.5\% | -4.7\% |  | 8.7\% | 7.4\% |
| 2000 | Q1 | 154.5 | 104.8 |  | 594.0 | 600.9 | 2009 | Q1 | 189.4 | 112.9 | 265.9 | 929.2 | 1038.0 |
|  | Q2 | 154.5 | 104.9 |  | 620.1 | 638.2 |  | Q2 | 194.1 | 109.3 | 271.2 | 962.0 | 1085.9 |
|  | Q3 | 155.0 | 105.4 |  | 641.8 | 661.8 |  | Q3 | 197.1 | 111.3 | 271.1 | 1015.5 | 1187.3 |
|  | Annual | 156.3 | 105.5 |  | 665.7 | 692.9 |  | Q4 | 208.8 | 118.4 | 292.7 | 1088.6 | 1292.7 |
|  |  | 2.2\% | 1.1\% |  | 18.7\% | 19.5\% |  | Annual | 10.5\% | 7.7\% | 10.8\% | 18.7\% | 23.8\% |
| 2001 | Q1 | 158.8 | 107.0 |  | 695.0 | 736.0 | 2010 | Q1 | 212.6 | 115.3 | 302.7 | 1053.9 | 1234.9 |
|  | Q2 | 160.2 | 108.6 |  | 701.2 | 754.3 |  | Q2 | 217.9 | 116.9 | 304.6 | 1181.3 | 1429.5 |
|  | Q3 | 160.6 | 109.3 |  | 714.4 | 768.2 |  | Q3 | 217.2 | 116.8 | 295.2 | 1318.9 | 1569.2 |
|  | Q4 | 162.3 | 110.5 |  | 727.5 | 780.0 |  | Q4 | 228.5 | 118.5 | 302.5 | 1405.9 | 1828.3 |
|  | Annual | 3.9\% | 4.8\% |  | 9.3\% | 12.6\% |  | Annual | 9.5\% | 0.1\% | 3.3\% | 29.1\% | 41.4\% |
| 2002 | Q1 | 164.1 | 111.6 |  | 734.1 | 790.6 | 2011 | Q1 | 230.6 | 116.8 | 301.8 | 1494.7 | 1971.1 |
|  | Q2 | 165.2 | 112.1 |  | 740.4 | 792.5 |  | Q2 | 225.0 | 118.8 | 301.9 | 1517.8 | 1902.1 |
|  | Q3 | 166.0 | 112.7 |  | 747.0 | 797.3 |  | Q3 | 228.7 | 119.1 | 306.5 | 1530.2 | 1904.9 |
|  | Q4 | 166.4 | 113.1 |  | 753.7 | 806.5 |  | Q4 | 234.5 | 123.8 | 314.6 | 1539.3 | 1950.4 |
|  | Annual | 2.5\% | 2.3\% |  | 3.6\% | 3.4\% |  | Annual | 2.6\% | 4.5\% | 4.0\% | 9.5\% | 6.7\% |
| 2003 | Q1 | 167.8 | 114.0 |  | 759.2 | 813.1 | 2012 | Q1 | 232.9 | 120.1 | 316.5 | 1229.0 | 1642.0 |
|  | Q2 | 168.2 | 114.4 |  | 762.0 | 812.8 |  | Q2 | 226.9 | 118.1 | 309.2 | 1254.6 | 1663.2 |
|  | Q3 | 168.6 | 114.9 |  | 770.7 | 822.8 |  | Q3 | 231.5 | 119.3 | 311.4 | 1219.4 | 1594.5 |
|  | Q4 | 169.7 | 115.4 |  | 772.6 | 821.2 |  | Q4 |  |  |  |  |  |
|  | Annual | 2.0\% | 2.0\% |  | 2.5\% | 1.8\% |  | Annual |  |  |  |  |  |

INSURANCE PREMIUM INDEX-SHOPAROUND AVERAGE PREMIUM

|  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor <br> Comp | Motor Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | Q1 |  |  |  |  |  | 2004 | Q1 |  |  |  |  |  |
|  | Q2 |  |  |  |  |  |  | Q2 |  |  |  | 478.9 | 438.8 |
|  | Q3 |  |  |  |  |  |  | Q3 | 108.8 | 86.8 |  | 470.7 | 451.2 |
|  | Q4 |  |  |  |  |  |  | Q4 | 108.5 | 85.1 |  | 461.3 | 442.8 |
|  | Annual |  |  |  |  |  | Annual |  |  |  |  |  |  |
| 1996 | Q1 |  |  |  |  |  | 2005 | Q1 | 108.1 | 83.6 |  | 461.1 | 441.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 109.0 | 81.8 |  | 466.0 | 442.5 |
|  | Q3 |  |  |  |  |  |  | Q3 | 113.1 | 83.4 |  | 465.4 | 450.0 |
|  | Q4 |  |  |  |  |  |  | Q4 | 112.9 | 82.8 |  | 470.3 | 463.6 |
|  | Annual |  |  |  |  |  |  | Annual | 4.1\% | -2.7\% |  | 1.9\% | 4.7\% |
| 1997 | Q1 |  |  |  |  |  | 2006 | Q1 | 114.8 | 84.2 |  | 472.3 | 478.3 |
|  | Q2 |  |  |  |  |  |  | Q2 | 113.4 | 82.8 |  | 471.3 | 479.6 |
|  | Q3 |  |  |  |  |  |  | Q3 | 113.1 | 82.2 |  | 464.9 | 471.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 116.5 | 81.6 |  | 474.1 | 483.6 |
|  | Annual |  |  |  |  |  |  | Annual | 3.2\% | -1.4\% |  | 0.8\% | 4.3\% |
| 1998 | Q1 |  |  |  |  |  | 2007 | Q1 | 115.1 | 82.3 |  | 470.9 | 494.8 |
|  | Q2 |  |  |  |  |  |  | Q2 | 111.1 | 79.5 |  | 481.0 | 499.9 |
|  | Q3 |  |  |  |  |  |  | Q3 | 117.5 | 80.2 |  | 478.4 | 512.3 |
|  | Q4 |  |  |  |  |  |  | Q4 | 129.8 | 77.9 |  | 497.0 | 523.5 |
|  | Annual |  |  |  |  |  |  | Annual | 11.4\% | -4.5\% |  | 4.8\% | 8.2\% |
| 1999 | Q1 |  |  |  |  |  | 2008 | Q1 | 129.4 | 78.1 | 190.4 | 491.2 | 531.9 |
|  | Q2 |  |  |  |  |  |  | Q2 | 135.4 | 80.5 | 199.8 | 509.7 | 565.1 |
|  | Q3 |  |  |  |  |  |  | Q3 | 132.4 | 77.4 | 192.6 | 520.1 | 571.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 131.5 | 74.4 | 190.6 | 533.0 | 589.2 |
|  | Annual |  |  |  |  |  |  | Annual | 1.3\% | -4.5\% |  | 7.2\% | 12.6\% |
| 2000 | Q1 |  |  |  |  |  | 2009 | Q1 | 136.9 | 78.0 | 196.1 | 537.0 | 605.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 142.6 | 74.1 | 198.7 | 560.5 | 637.6 |
|  | Q3 |  |  |  |  |  |  | Q3 | 139.6 | 73.8 | 198.7 | 587.5 | 690.4 |
|  | Q4 |  |  |  |  |  |  | Q4 | 146.7 | 77.7 | 208.2 | 653.6 | 786.1 |
|  | Annual |  |  |  |  |  |  | Annual | 11.5\% | 4.4\% | 9.2\% | 22.6\% | 33.4\% |
| 2001 | Q1 |  |  |  |  |  | 2010 | Q1 | 146.1 | 79.3 | 211.1 | 657.7 | 821.4 |
|  | Q2 |  |  |  |  |  |  | Q2 | 147.6 | 81.1 | 218.0 | 733.4 | 952.2 |
|  | Q3 |  |  |  |  |  |  | Q3 | 150.1 | 84.8 | 212.1 | 818.1 | 1067.0 |
|  | Q4 |  |  |  |  |  |  | Q4 | 161.6 | 84.2 | 218.4 | 870.6 | 1351.0 |
|  | Annual |  |  |  |  |  |  | Annual | 10.2\% | 8.3\% | 4.9\% | 33.2\% | 71.9\% |
| 2002 | Q1 |  |  |  |  |  | 2011 | Q1 | 166.0 | 88.8 | 217.6 | 921.6 | 1495.5 |
|  | Q2 |  |  |  |  |  |  | Q2 | 165.0 | 87.8 | 220.9 | 954.5 | 1424.2 |
|  | Q3 |  |  |  |  |  |  | Q3 | 171.5 | 89.7 | 224.2 | 951.9 | 1419.9 |
|  | Q4 |  |  |  |  |  |  | Q4 | 176.9 | 93.6 | 230.6 | 1003.6 | 1453.9 |
|  | Annual |  |  |  |  |  |  | Annual | 9.5\% | 11.2\% | 5.6\% | 15.3\% | 7.6\% |
| 2003 | Q1 |  |  |  |  |  | 2012 | Q1 | 178.8 | 92.2 | 236.3 | 834.3 | 1153.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 177.3 | 92.1 | 239.9 | 870.2 | 1182.8 |
|  | Q3 |  |  |  |  |  |  | Q3 | 181.5 | 92.8 | 242.4 | 844.7 | 1161.8 |
|  | Q4 |  |  |  |  |  |  | Q4 |  |  |  |  |  |
|  | Annual |  |  |  |  |  |  | Annual |  |  |  |  |  |

## INSURANCE

In this quarter, the AA insurance index has revised figures due to the inclusion of additional premium data. Furthermore, the definition of the Shoparound index has changed. The index now incorporates the five cheapest premiums for each risk, and not the three cheapest as the case was in previous issues. Please consult the AA press release for further details of these changes.

## MARKET AVERAGE PREMIUMS-ROLLING ANNUAL INCREASE ON A QUARTERLY BASIS



## SHOPAROUND AVERAGE PREMIUMS-ROLLING ANNUAL INCREASE ON A QUARTERLY BASIS




Source for pages 18-20: AA British Insurance Premium Index

## SOURCES

SOURCES OF INVESTMENT STATISTICS

| UK <br> Equities | Return \& Yield | 1990- | FTSE All-Share Index |
| :--- | :--- | :--- | :--- |
| Gilts | Return | 1998- | FTSE Actuaries Govt. Securities <br> Over 15 Years Gilt Index |
|  | Yield | 1998- | FTSE Actuaries Govt. Securities <br> Over 15 Years Gilt Index |
| Index Linked | Return |  | FTSE Actuaries Index Linked All Stock Index |

## OTHER SOURCES

| Insurance <br> Market Average Premium | Premium | 1994-The AA British Insurance <br> Premium Index |
| :--- | :--- | :--- |
| Shoparound Average Premium | Premium | 2004-The AA British Insurance <br> Premium Index |
| Economic <br> Retail Prices Index <br> National Average Earnings | Office for National Statistics |  |
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