## Milliman

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## INSURANCE

Car insurance premiums once again fell in the first quarter of 2013 as the AA Market Average Premium for an annual comprehensive car insurance policy was quoted as $£ 746.75$, a fall of $1.4 \%$. Over the year, the cost of motor insurance has fallen by $4.1 \%$. One change which is expected to continue the downward trend is the introduction of the Legal Aid Sentencing and Punishment of Offenders Act (LASPO), which will ban referral fees from 1 April. LASPO also aims to reduce the overall legal costs in personal injury cases and related insurance costs and to discourage people from bringing unnecessary claims for compensation. The UK is regarded as the 'whiplash capital of Europe.' According to findings from the ABI, in the UK, 78\% of personal injury claims following road accidents are for whiplash with no other injury suffered, costing £2.2 billion a year. In France, only $30 \%$ of personal injury claims following road accidents are for whiplash, $31 \%$ in Spain, and $35 \%$ in the Netherlands. Further measures have been suggested, including independent medical examinations of whiplash injury claimants by accredited doctors with the latest training in soft tissue neck issues, setting out a fair and transparent method for calculating compensation for minor whiplash injuries, and the introduction of a system where low-speed crashes are not eligible for whiplash injury claims.

Another proposal being considered is for insurance companies to cross-check car insurance applications against the DVLA database from next year. A significant proportion of drivers misinform insurance companies by not declaring convictions or disqualifications when taking out car insurance. Others also declare incorrect addresses and ages in order to obtain cheaper insurance, with honest motorists suffering as a result.

Insurers appear to be starting to cut premiums in anticipation that the measures mentioned above will reduce costs.

In the first quarter of 2013, home insurance premiums continued to fall, despite the large costs to insurers following the floods last year. According to the AA Shoparound index, the cost of building insurance is down $2.6 \%$ over the quarter and contents insurance down $1.7 \%$, while combined building and contents insurance is down $1.8 \%$. However, this reduction has not been experienced by everyone, as individuals living in flood-affected regions have seen household premiums increase sharply, especially if they have suffered two or three flood claims. With the Statement of Principles running out in July 2013, and as yet no sign of a replacement, it looks increasingly likely that thousands of homes could be without affordable insurance from July. It is estimated that 200,000 homes are at risk of serious flooding and 1.2 million at some risk. If an agreement is not reached, insurance will revert to a free market, which could mean that many householders would find themselves unable to afford insurance. It has been estimated that, under a free market, the numbers who pay more than £2,500 for their insurance would rise from 1,200 homes to 4,000.

Insurers have proposed setting a levy on all policyholders, 'Flood Re.' This would add an estimated £8-£15 to all home insurance premiums, but would create a £150m-a-year fund to cover those at high risk of flooding. However, the government is reluctant to agree to this, for if there were a major flood catastrophe soon after Flood Re was implemented but before it had had time to accumulate adequate funds, then the government would have to provide additional funding. An alternative proposal by the reinsurance broker Marsh, 'Flood Mu', is the mutualisation of flood risks over a given period of time, based on the size of insurers' property books. Unlike Flood Re, it would not require government funding, but it would be much more complex. The ABI has raised questions over the affordability, availability and financial incentive associated with this proposal. With more floods likely to occur, experts have warned that urgent actions is needed, as insurers are becoming more worried about the implications for costly and frequent claims.

## ECONOMY

The UK avoided falling into a triple-dip recession after recording growth of $0.3 \%$ in the first quarter. This was largely due to the UK's dominant service sector, where output increased by $0.6 \%$ from the previous quarter, and a recovery in North Sea oil and gas output, as industrial production expanded by $0.2 \%$. The construction sector, though, was badly hit by the freezing weather and contracted $2.5 \%$. Furthermore, compared with the first quarter of 2012, the UK's GDP grew by $0.6 \%$, the strongest year-on-year increase since the end of 2011. The growth was seen as an encouraging sign that the economy was healing and that progress was being made. Yet despite this growth in the first quarter, the level of GDP remains $2.6 \%$ below its peak in the first quarter of 2008.

Across the rest of the Europe, the economic misery continued as the Eurozone recession deepened, with a $0.2 \%$ drop in the first quarter. Elsewhere, France entered into its second recession in four years. The contraction of $0.2 \%$ was the same as the contraction in the final quarter of the previous year. To add to the gloom, France has record unemployment and low business and consumer confidence. The rate of unemployment is running at $10.6 \%$ and is expected to rise further. Italy's economy contracted by $0.5 \%$ in the first quarter, the country's seventh successive contraction. This means that Italy is now suffering its longest recession on record. Spain and the Netherlands also struggled in the first quarter, with contractions of $0.5 \%$ and $0.1 \%$ respectively. The Eurozone's largest economy, Germany, recorded a modest growth of $0.1 \%$, less than the predicted $0.3 \%$. This was a consequence of the severe winter weather experienced, causing the economy to be only slowly picking up steam. Additionally, the contraction of $0.6 \%$ in the final quarter of 2012 has been revised downwards to $0.7 \%$.

Outside of Europe, the US economy grew at an annual rate of 2.5\% in the first quarter of 2013, helped by the strongest consumer spending figures in two years. According to US Commerce Department data, consumer spending, which accounts for more than two-thirds of US economic activity, increased at an annualized rate of $3.2 \%$. However, government spending decreased by $1.4 \%$.

## MARKETS

UK equities performed extremely positively in the first quarter, with the FTSE 100 growing by $9.8 \%$, the FTSE 250 growing by $13.0 \%$ and the FTSE All Share growing by $10.3 \%$. Internationally, the results were positive, with better results than the previous quarter, as the Emerging Markets grew by $5.4 \%$, North American equities grew by 17.7\%, and Japanese equities grew by 19.3\%. Fixed-interest bonds recorded modest growth, with Corporate (BBB) bonds recording the highest growth of $2.4 \%$ whilst Corporate (AAA) bonds only grew $0.7 \%$.

INSURANCE PREMIUM INDEX-MARKET AVERAGE PREMIUMS

|  |  | Buildings | Contents | Combined | Motor <br> Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | Q1 | 153.5 | 100.1 |  | 306.2 | 340.2 | 2005 | Q1 | 159.5 | 109.8 |  | 583.3 | 683.9 |
|  | Q2 | 152.0 | 101.0 |  | 311.1 | 342.3 |  | Q2 | 156.5 | 108.2 |  | 588.3 | 689.9 |
|  | Q3 | 150.1 | 100.4 |  | 303.8 | 341.8 |  | Q3 | 158.3 | 110.5 |  | 595.0 | 706.2 |
|  | Q4 | 142.3 | 97.9 |  | 289.3 | 336.7 |  | Q4 | 159.5 | 110.0 |  | 592.5 | 708.7 |
|  | Annual | -10.8\% | -5.8\% |  | -8.0\% | -4.2\% |  | Annual | -0.9\% | -0.4\% |  | 0.9\% | 3.4\% |
| 1996 | Q1 | 139.5 | 94.8 |  | 289.3 | 336.4 | 2006 | Q1 | 160.5 | 111.1 |  | 589.5 | 721.1 |
|  | Q2 | 136.2 | 94.4 |  | 295.1 | 337.8 |  | Q2 | 159.8 | 111.3 |  | 592.9 | 719.0 |
|  | Q3 | 137.8 | 94.4 |  | 312.6 | 352.1 |  | Q3 | 159.2 | 108.4 |  | 600.2 | 752.2 |
|  | Q4 | 141.1 | 96.4 |  | 317.1 | 357.1 |  | Q4 | 161.2 | 107.8 |  | 626.3 | 753.1 |
|  | Annual | -0.8\% | -1.4\% |  | 9.6\% | 6.1\% |  | Annual | 1.1\% | -2.0\% |  | 5.7\% | 6.3\% |
| 1997 | Q1 | 143.2 | 97.8 |  | 329.5 | 369.7 | 2007 | Q1 | 162.5 | 109.1 |  | 623.8 | 748.5 |
|  | Q2 | 142.9 | 97.5 |  | 333.5 | 373.2 |  | Q2 | 159.4 | 107.7 |  | 639.3 | 758.4 |
|  | Q3 | 143.3 | 97.2 |  | 340.2 | 372.5 |  | Q3 | 164.2 | 110.2 |  | 647.9 | 785.5 |
|  | Q4 | 143.3 | 97.7 |  | 347.2 | 386.9 |  | Q4 | 166.6 | 110.6 |  | 659.7 | 812.4 |
|  | Annual | 1.5\% | 1.3\% |  | 9.5\% | 8.3\% |  | Annual | 3.3\% | 2.6\% |  | 5.3\% | 7.9\% |
| 1998 | Q1 | 142.2 | 97.9 |  | 352.6 | 393.5 | 2008 | Q1 | 166.2 | 111.7 |  | 656.4 | 805.0 |
|  | Q2 | 142.3 | 98.4 |  | 362.5 | 404.6 |  | Q2 | 167.0 | 111.8 | 251.6 | 676.2 | 848.6 |
|  | Q3 | 141.9 | 98.4 |  | 371.9 | 414.2 |  | Q3 | 170.1 | 107.1 | 246.8 | 697.2 | 843.9 |
|  | Q4 | 142.3 | 97.9 |  | 379.3 | 423.8 |  | Q4 | 179.1 | 105.4 | 250.4 | 717.4 | 872.8 |
|  | Annual | -0.7\% | 0.2\% |  | 9.2\% | 9.6\% |  | Annual | 7.5\% | -4.7\% |  | 8.7\% | 7.4\% |
| 1999 | Q1 | 142.3 | 98.3 |  | 384.8 | 432.4 | 2009 | Q1 | 179.5 | 108.3 | 252.0 | 727.0 | 867.4 |
|  | Q2 | 144.7 | 99.4 |  | 401.3 | 445.2 |  | Q2 | 183.9 | 104.8 | 257.1 | 752.6 | 907.4 |
|  | Q3 | 144.3 | 99.6 |  | 414.1 | 457.9 |  | Q3 | 186.8 | 106.7 | 257.0 | 794.5 | 992.2 |
|  | Q4 | 144.9 | 100.1 |  | 438.7 | 484.6 |  | Q4 | 197.9 | 113.5 | 277.5 | 851.7 | 1080.2 |
|  | Annual | 1.9\% | 2.2\% |  | 15.7\% | 14.3\% |  | Annual | 10.5\% | 7.7\% | 10.8\% | 18.7\% | 23.8\% |
| 2000 | Q1 | 146.4 | 100.5 |  | 464.7 | 502.1 | 2010 | Q1 | 201.5 | 110.6 | 287.0 | 824.6 | 1031.9 |
|  | Q2 | 146.5 | 100.6 |  | 485.2 | 533.4 |  | Q2 | 206.5 | 112.1 | 288.8 | 924.2 | 1194.6 |
|  | Q3 | 146.9 | 101.0 |  | 502.1 | 553.1 |  | Q3 | 205.8 | 112.0 | 279.9 | 1031.9 | 1311.3 |
|  | Q4 | 148.1 | 101.1 |  | 520.8 | 579.1 |  | Q4 | 216.6 | 113.6 | 286.8 | 1100.0 | 1527.8 |
|  | Annual | 2.2\% | 1.1\% |  | 18.7\% | 19.5\% |  | Annual | 9.5\% | 0.1\% | 3.3\% | 29.1\% | 41.4\% |
| 2001 | Q1 | 150.5 | 102.6 |  | 543.8 | 615.0 | 2011 | Q1 | 218.5 | 112.0 | 286.1 | 1169.4 | 1647.1 |
|  | Q2 | 151.8 | 104.1 |  | 548.6 | 630.4 |  | Q2 | 213.3 | 114.0 | 286.2 | 1187.5 | 1589.5 |
|  | Q3 | 152.2 | 104.9 |  | 558.9 | 641.9 |  | Q3 | 216.8 | 114.2 | 290.6 | 1197.2 | 1591.8 |
|  | Q4 | 153.9 | 106.0 |  | 569.2 | 651.8 |  | Q4 | 222.3 | 118.7 | 298.3 | 1204.3 | 1629.9 |
|  | Annual | 3.9\% | 4.8\% |  | 9.3\% | 12.6\% |  | Annual | 2.6\% | 4.5\% | 4.0\% | 9.5\% | 6.7\% |
| 2002 | Q1 | 155.5 | 107.0 |  | 574.3 | 660.7 | 2012 | Q1 | 221.0 | 116.1 | 299.6 | 1204.8 | 1651.4 |
|  | Q2 | 156.6 | 107.5 |  | 579.3 | 662.3 |  | Q2 | 215.3 | 114.2 | 292.7 | 1229.9 | 1672.6 |
|  | Q3 | 157.4 | 108.1 |  | 584.4 | 666.3 |  | Q3 | 219.7 | 115.4 | 294.7 | 1195.4 | 1603.5 |
|  | Q4 | 157.7 | 108.5 |  | 589.7 | 674.0 |  | Q4 | 223.5 | 117.0 | 298.7 | 1148.5 | 1563.6 |
|  | Annual | 2.5\% | 2.3\% |  | 3.6\% | 3.4\% |  | Annual | 0.6\% | -1.4\% | 0.1\% | -4.6\% | -4.1\% |
| 2003 | Q1 | 159.0 | 109.3 |  | 594.0 | 679.5 | 2013 | Q1 | 218.9 | 112.3 | 293.7 | 1112.5 | 1497.9 |
|  | Q2 | 159.4 | 109.7 |  | 596.2 | 679.2 |  |  |  |  |  |  |  |
|  | Q3 | 159.7 | 110.2 |  | 602.9 | 687.5 |  |  |  |  |  |  |  |
|  | Q4 | 160.9 | 110.6 |  | 604.4 | 686.3 |  |  |  |  |  |  |  |
|  | Annual | 2.0\% | 2.0\% |  | 2.5\% | 1.8\% |  |  |  |  |  |  |  |
| 2004 | Q1 | 160.7 | 111.3 |  | 603.3 | 686.4 |  |  |  |  |  |  |  |
|  | Q2 | 160.7 | 111.8 |  | 590.0 | 679.9 |  |  |  |  |  |  |  |
|  | Q3 | 160.6 | 110.6 |  | 584.6 | 681.3 |  |  |  |  |  |  |  |
|  | Q4 | 161.0 | 110.5 |  | 587.5 | 685.4 |  |  |  |  |  |  |  |
|  | Annual | 0.1\% | -0.1\% |  | -2.8\% | -0.1\% |  |  |  |  |  |  |  |

## INSURANCE

INSURANCE PREMIUM INDEX-SHOPAROUND AVERAGE PREMIUM


## INSURANCE

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

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.

## ECONOMICS

## BANK BASE RATES

| Effective Date |  | \% | Effective Date |  | $\begin{array}{r} \text { \% } \\ \hline 7.5 \end{array}$ | Effective Date |  | $\begin{gathered} \% \\ 3.7 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
|  |  |  |  |  |  | 2012 | 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 | 238.0 | 239.9 | 240.8 | 242.5 | 242.4 | 241.8 | 242.1 | 243.0 | 244.2 | 245.6 | 245.6 | 246.8 | 3.1\% |
| 2013 | 245.8 | 247.6 | 248.7 |  |  |  |  |  |  |  |  |  |  |

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


## MARKETS

## MARKETS AT A GLANCE



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

## EQUITIES

| FTSE All Share | $10.3 \%$ | $16.8 \%$ | $8.8 \%$ | $8.8 \%$ | $18.3 \%$ | $6.7 \%$ | $10.7 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| FTSE 100 | $9.8 \%$ | $15.4 \%$ | $8.1 \%$ | $7.9 \%$ | $17.2 \%$ | $6.3 \%$ | $9.8 \%$ |
| FTSE 250 | $13.0 \%$ | $24.3 \%$ | $12.8 \%$ | $14.1 \%$ | $25.0 \%$ | $10.0 \%$ | $16.6 \%$ |
| FTSE Small Cap |  |  |  |  |  |  |  |

INTERNATIONAL

| North America | $17.7 \%$ | $19.3 \%$ | $12.9 \%$ | $11.8 \%$ | $18.9 \%$ | $11.5 \%$ | $9.5 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Europe ex UK | $10.2 \%$ | $17.8 \%$ | $2.3 \%$ | $4.0 \%$ | $13.6 \%$ | $2.9 \%$ | $11.4 \%$ |
| Japan | $19.3 \%$ | $14.3 \%$ | $7.4 \%$ | $3.5 \%$ | $9.5 \%$ | $5.1 \%$ | $7.3 \%$ |
| Pacific Basin ex Japan | $10.8 \%$ | $20.0 \%$ | $6.7 \%$ | $9.2 \%$ | $21.9 \%$ | $11.4 \%$ | $17.0 \%$ |
| Emerging Markets | $5.4 \%$ | $7.4 \%$ | $-0.9 \%$ | $3.2 \%$ | $17.7 \%$ | $7.2 \%$ | $18.2 \%$ |
| World (FTSE All World) | $14.0 \%$ | $17.1 \%$ | $8.1 \%$ | $8.2 \%$ | $17.1 \%$ | $8.4 \%$ | $10.6 \%$ |
| World ex UK (Developed) | $15.6 \%$ | $18.6 \%$ | $9.5 \%$ | $9.0 \%$ | $17.0 \%$ | $8.8 \%$ | $10.0 \%$ |
| PROPERTY | $0.7 \%$ | $2.2 \%$ | $6.6 \%$ | $10.7 \%$ | $16.3 \%$ | $-25.5 \%$ | $12.9 \%$ |

BONDS \& CASH

| UK Gilts (Over 15 Years) | $0.5 \%$ | $8.1 \%$ | $15.1 \%$ | $12.3 \%$ | $9.1 \%$ | $9.0 \%$ | $6.7 \%$ |
| :--- | :---: | ---: | :---: | ---: | ---: | ---: | :--- |
| UK Gilts (All Stocks) | $0.7 \%$ | $5.3 \%$ | $9.8 \%$ | $8.2 \%$ | $6.3 \%$ | $7.1 \%$ | $5.8 \%$ |
| UK Index Linked (All) | $7.9 \%$ | $10.2 \%$ | $14.1 \%$ | $11.5 \%$ | $11.2 \%$ | $8.6 \%$ | $7.9 \%$ |
| Cash | $0.1 \%$ | $0.5 \%$ | $0.6 \%$ | $0.6 \%$ | $0.5 \%$ | $1.1 \%$ | $2.9 \%$ |
| Corporate (All Inv Grade) | $1.8 \%$ | $13.2 \%$ | $10.5 \%$ | $8.8 \%$ | $14.0 \%$ | $7.9 \%$ | $5.7 \%$ |
| Corporate (AAA) | $0.7 \%$ | $9.0 \%$ | $8.3 \%$ | $6.9 \%$ | $7.1 \%$ | $4.5 \%$ | $4.3 \%$ |
| Corporate (AA) | $1.5 \%$ | $10.1 \%$ | $9.3 \%$ | $4.6 \%$ | $20.1 \%$ | $-5.5 \%$ | $3.4 \%$ |
| Corporate (A) | $1.4 \%$ | $11.8 \%$ | $6.7 \%$ | $5.3 \%$ | $32.0 \%$ | $-19.9 \%$ | $5.8 \%$ |
| Corporate (BBB) | $2.4 \%$ | $15.8 \%$ | $8.4 \%$ | $6.3 \%$ | $42.5 \%$ | $-11.7 \%$ | $10.2 \%$ |
| OTHER |  |  |  |  |  |  |  |
| Retail Price Index | $0.8 \%$ | $3.3 \%$ | $3.4 \%$ | $4.1 \%$ | $4.2 \%$ | $3.3 \%$ | $3.3 \%$ |
| National Average Earnings | $-1.6 \%$ | $-0.5 \%$ | $0.2 \%$ | $-0.7 \%$ | $1.5 \%$ | $1.5 \%$ | $2.8 \%$ |

## 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\% |
| 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\% |
|  | nual | 22.0\% | 18.8\% | 11.0\% | 8.8\% | 9.0\% | 4.7\% |

Highest Market Return in Year
Across Major Asset Classes

UK MARKET RETURNS

|  |  | Equities | Property | Gilts | Corporate Bonds | Index Linked | Cash |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | Q1 | 6.1\% | 0.9\% | -4.4\% | 4.0\% | -1.5\% | 0.2\% |
|  | Q2 | -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\% |
|  | Q4 | 3.8\% | 0.7\% | -0.2\% | 2.6\% | 4.3\% | 0.1\% |
|  | Annual | 12.3\% | 2.4\% | 2.9\% | 15.6\% | 0.6\% | 0.6\% |
| 2013 | Q1 | 10.3\% | 0.7\% | 0.5\% | 1.8\% | 7.9\% | 0.1\% |

## MARKETS

INTERNATIONAL MARKET RETURNS

|  |  | World ex UK | North <br> America | Europe ex UK | Japan | Pacific Basin ex Japan | Emerging 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 ex UK | Japan | Pacific Basin ex Japan | Emerging <br> 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\% |
|  | Q4 | 2.0\% | -0.8\% | 8.0\% | 5.1\% | 5.4\% | 5.1\% |
|  | Annual | 12.0\% | 10.7\% | 17.3\% | 3.3\% | 18.9\% | 13.0\% |
| 2013 | Q1 | 15.6\% | 17.7\% | 10.2\% | 19.3\% | 10.8\% | 5.4\% |

HISTORIC RETURNS FOR UK MARKETS
EQUITIES
(FTSE all share)

|  | Year on Year Inflation | Annual | Inflation <br> 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\% |
| 2012 | 3.1\% | 12.3\% | 8.9\% | -0.7\% | 5.3\% | 5.4\% |


|  | 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\% |
| 2012 | 2.9\% | -0.2\% | 5.5\% | 3.3\% | 5.4\% | 0.6\% | -2.4\% | -1.8\% | -0.3\% | 2.3\% |

## MARKETS

## VOLATILITY OF MARKETS

## FTSE 100



FTSE AW Europe ex UK




The annualised 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.

S \& P 500


TOPIX (Japan)


QUARTERLY INVESTMENT YIELDS

|  |  | UK <br> Equities \% | Overseas <br> Equities \% | $\begin{gathered} \text { Gilts } \\ \% \end{gathered}$ | Index <br> Linked \% | 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 <br> 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 | 2.90 | 0.09 | 3.27 | 0.29 | 6.25 |
|  | Q4 | 3.57 | 2.73 | 3.00 | -0.07 | 3.34 | 0.29 | 6.25 |
| 2013 | Q1 | 3.35 | 2.54 | 3.02 | -0.43 | 3.76 | 0.29 | 6.25 |



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

## SOURCES

## SOURCES OF INVESTMENT STATISTICS

## UK

| 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 |


| Overseas | Return \& Yield | 1998- | FTSE World and All World Series Indices <br> Local and Sterling Based |
| :--- | :--- | :--- | :--- |
| Equities |  |  |  |
| Emerging | Return |  | FTSE All World Series Emerging |

## OTHER SOURCES

| Insurance <br> Market Average Premium <br> Shoparound Average Premium | 1994- | The AA British Insurance Premium Index |
| :--- | :--- | :--- |

## Milliman

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