## -' Milliman

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## STATISTICS TO QUARTER END

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## INSURANCE

According to the AA British Insurance Premium Index, the cost of car insurance fell again. The average Shoparound quote for an annual comprehensive car policy dropped from £559.21 to $£ 533.35$, a fall of $4.6 \%$ for the quarter (over the year the drop was $14.1 \%$, which is the biggest fall recorded by the index). For an annual non-comprehensive car policy, the average Shoparound quote fell from £789.88 to £741.92, a drop of $6.1 \%$ over the quarter. Young motorists aged between 17 and 22 saw the biggest drop in premiums over the final quarter (a drop of $5.4 \%$, with their average Shoparound premium now $£ 1,187$ ). Motorists aged between 60 and 69 were offered the cheapest Shoparound premium at $£ 302$. The fall has been attributed to the fiercely competitive nature of the market and expectations that more bogus whiplash claims will be weeded out.

Motor insurance premiums are expected to fall further as the government plans to put all driving records online. 'My License,' a joint insurance industry and DVLA initiative, is expected to be launched in March and the migration is expected to be complete by mid 2015. It will end the need for the 'paper counterpart' document that drivers have to keep with their license. As part of the scheme, drivers will provide their driving license number when they apply for insurance. Insurers and car companies will then be able to view drivers' driving history online, which, as it should be accurate, will greatly help insurers price the risks. It is estimated that, as a result of the new streamlined process, average premiums will fall by up to £15 a year and will save around £1.2 billion by the end of 2015 .

In December 2013, the Competition Commission raised concerns that the cost of car insurance was too high. After studying the private insurance market for more than a year, following a referral from the Office of Fair Trading, the Commission concluded that drivers were paying up to £200m too much for car insurance every year because of the inflated cost of settling not-at-fault claims. Following accidents, the costs of repairs and replacement cars were being inflated and consequently premiums were being increased, as the Commission found that post-accident repairs were substandard. Furthermore, the Commission believes motorists find it hard to identify the best value products because they have limited information about the various add-on insurance products. The Commission also raised concerns about the relationship between price comparison websites and insurers, as exclusive deals meant that competition was reduced and insurers did not have to offer cheaper premiums elsewhere. The Commission has suggested that compulsory audits of repair quality could be introduced and called for clearer information on price comparison websites. Were these changes to be introduced, it is thought that they could result in average premiums being reduced by $£ 6$ to $£ 8$.

According to research from the British Insurance Brokers' Association (BIBA), between 2012 and 2013, the number of live telematics motor insurance policies increased in the UK by around $60 \%$. In 2012 the number of live policies was 180,000 while in 2013 the number of live policies was 296,000, an increase of 116,000. BIBA believes that behaviour-based policies could offer savings on motor insurance of around $25 \%$, with some young drivers being able to save up to £1,000. Although there is still much debate about the optimal method of data capture (e.g., black boxes versus smartphones), it is understood that some car companies are experimenting with inbuilt telematics capable of capturing insurance relevant data. Experts believe that the connected car is the future and will offer the opportunity for insurers to strike deals with car manufacturers.

According to the AA British Insurance Premium Index, home insurance premiums continued to fall in the final quarter of 2013. The average Shoparound quote for a buildings policy fell from £128.19 to £124.89 (a $2.6 \%$ fall over the quarter with a $8.3 \%$ fall over the year) while the average Shoparound quote for a contents policy fell from £66.71 to £65.34 (a $2.0 \%$ fall over the quarter with a $6.6 \%$ fall over the year). For a combined policy, the average Shoparound quote fell from £ 170.54 to £165.34 (a $3.0 \%$ fall over the quarter and an $8.5 \%$ fall over the year). Although 2013 started with a prolonged spell of very cold weather and concluded with an extremely wet December, over the year the number and cost of severe weather claims are, according to some estimates, about 12\% lower than in 2012. Over the past two years, in every quarter, home insurance premiums have decreased or at worse remained static.

Over the past three months, the UK has experienced severe weather and many homes have felt the full force of the elements. Heavy rain at the start of 2014 has led to extreme flooding in many parts of the country, which resulted in insurance companies receiving 174,000 claims for damages to homes, cars and businesses between 23 December and 8 January. Insurance claims relating to December and January alone are estimated to have hit almost £500m so far and, with more rain and high winds in February, insurance experts have warned that the cost of clearing up the floods could rise to £1bn. However, the costs would be less than the costs of the great storm of October 1987 (which cost insurance companies £2bn) or the summer 2007 floods (which cost insurance companies more than £3bn). The St. Jude's storm in October cost insurance companies £130m. Industry experts believe that insurers may consider raising premiums to cover the cost. After the 2010 freeze, premiums rose by around $5 \%$ to cover the cost, and that sort of rise would add £10 to £15 to the average annual household insurance policy.

With the recent flooding it is important that the new government legislation, Flood Re, ensures that the maximum numbers of homes are protected. Flood Re, which is due to be introduced in mid2015 and funded by a levy equivalent to $£ 10$ on all residential insurance premiums, will see a fund set up to provide payouts on properties that insurers are unwilling to cover. Those in flood-prone areas will pay up to £540 a year for the flood insurance element of their cover. However, under the proposal, certain properties wouldn't be eligible for cheaper cover, including properties built since 2009 (although this is not a new exclusion, as they were not covered by the previous flood insurance agreement), properties in council tax band H (as they are deemed able to pay for insurance themselves), leasehold properties, small to medium-sized enterprises, housing association homes and the private-rented sector. Consequently, thousands of homes situated in particularly vulnerable areas (e.g., the Thames Valley and Somerset Levels) would be affected by these exclusions. It has been argued that if a property is at risk, regardless of its status, then it needs to be able to be insured affordably against disaster.

There have also been concerns that a shortfall in government funding on key environmental issues such as flood defences will mean that a quarter of a million more homes will be expected to face significant flooding by 2035. The Committee on Climate Change believes that the government is not increasing spending in line with projected climate changes and that local contributions to flood defences will need to increase, and keep increasing, to make up the shortfall. The Department for Environment, Food and Rural Affairs commented that £2.3bn is currently being spent on flood defences and that, from 2015, £370m will be spent on building new flood defences, rising to more than $£ 400 \mathrm{~m}$ in 2021.

## ECONOMY

During 2013 the UK economy grew by $1.9 \%$, its strongest rate since the financial crisis while in the final quarter of 2013 the economy grew by $0.7 \%$ (down from $0.8 \%$ in the previous quarter). This meant that the economy grew in every quarter, according to the Office for National Statistics, which provided a significant boost for the Chancellor and his economic plan. However, the economy is still $1.3 \%$ below its pre-recession peak. The growth in the last quarter was helped by the dominant services sector, which rose by $0.8 \%$ and matched its performance from the third quarter. The services sector is now $1.3 \%$ above its pre-recession level. British manufacturing increased by $0.9 \%$ (but it is still $8.2 \%$ off its pre-recession level), with industrial production up by $0.7 \%$, while agricultural output increased by $0.5 \%$. However, there was a $0.3 \%$ fall in the construction sector, despite the recent recovery in the housing market, which contributed to the slightly slower growth in the quarter. The sector is still $11.2 \%$ off its pre-recession level. The independent Office for Budget Responsibility is now forecasting growth of $2.4 \%$ for 2014.

The Eurozone performed slightly stronger than expected and recorded growth of $0.3 \%$ in the final quarter of 2013 , up from $0.1 \%$ in the previous quarter. It is the third consecutive period of growth for the Eurozone after an 18-month recession. Over the whole of 2013 , though, the Eurozone contracted by $0.4 \%$ and the economy is still $2.7 \%$ below the peak it reached in 2008 . The growth in the Eurozone was helped by German, French and Italian growth. The German economy was expected to increase by $0.3 \%$, but actually increased by $0.4 \%$ as exports grew much more strongly than imports. There was positive news in Italy, which recorded its first expansion since the third quarter of 2011. The Italian economy grew by $0.1 \%$ in the quarter while in the third quarter the $0.1 \%$ contraction was revised to a neutral position.

China has recorded its slowest economic growth since 1999 as, during 2013, its economy registered flat growth of $7.7 \%$. Over the quarter, the economy grew by $1.8 \%$, but this was below the expected growth of $2.0 \%$ and down from the $2.2 \%$ growth in the third quarter. China is trying to rebalance its economy and wants to move away from an investment-led growth model to one driven by domestic consumption. China's leaders are also concerned about the country's financial system, including government debt and 'shadow banking.'

The US economy grew at an annualised rate of $3.2 \%$ in the final quarter of 2013, which was higher than the $3.0 \%$ annualised growth economists had predicted, but lower than the $4.2 \%$ annualised growth in the third quarter. Over the year, the US economy grew by $1.9 \%$, down from the $2.8 \%$ growth in 2012, although this is due to a very weak first half of the year. Many economists predict that 2014 will produce the strongest growth since the end of the US recession in mid-2009. The fourthquarter numbers were helped by personal consumption expenditures (which makes up more than two-thirds of GDP), which rose by an annual rate of $3.3 \%$, the strongest pace in three years.

## MARKETS

During the fourth quarter, UK equities performed well, continuing the trend from the third quarter. The FTSE 100 recorded growth of $5.1 \%$, the FTSE All Share grew by $5.5 \%$ while the FTSE Small Cap and FTSE 250 recorded growth of $6.0 \%$ and $7.5 \%$, respectively. Internationally, there was a mixture of results. North America recorded strong growth of $7.5 \%$ while European equities recorded good growth of $5.8 \%$. On the other hand, the Emerging Markets contracted by $0.7 \%$, with Japan recording a very modest growth of $0.1 \%$. In contrast to the third quarter, fixed interest assets had a poor quarter, with the majority of major bonds contracting. The Corporate (AAA) bond decreased by $1.0 \%$, the Corporate $(A)$ bond decreased by $0.3 \%$ and the Corporate (AA) bond decreased by $0.2 \%$. The Corporate (BBB) bond managed to record positive growth of $0.9 \%$.

## INSURANCE

## THE AA'S BRITISH INSURANCE PREMIUM INDEX



INSURANCE PREMIUM INDEX-SHOPAROUND AVERAGE PREMIUM

|  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1994 | Q1 |  |  |  |  |  | 2004 | Q1 |  |  |  |  |  |
|  | Q2 |  |  |  |  |  |  | Q2 |  |  |  | 379.7 | 328.4 |
|  | Q3 |  |  |  |  |  |  | Q3 | 102.5 | 81.8 |  | 373.1 | 337.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 102.3 | 80.3 |  | 365.7 | 331.5 |
|  | Annual |  |  |  |  |  |  | Annual |  |  |  |  |  |
| 1995 | Q1 |  |  |  |  |  | 2005 | Q1 | 101.9 | 78.8 |  | 365.5 | 330.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 102.7 | 77.1 |  | 369.4 | 331.2 |
|  | Q3 |  |  |  |  |  |  | Q3 | 106.6 | 78.6 |  | 368.9 | 336.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 106.4 | 78.1 |  | 372.8 | 347.1 |
|  | Annual |  |  |  |  |  |  | Annual | 4.1\% | -2.7\% |  | 1.9\% | 4.7\% |
| 1996 | Q1 |  |  |  |  |  | 2006 | Q1 | 108.2 | 79.4 |  | 374.4 | 358.1 |
|  | Q2 |  |  |  |  |  |  | Q2 | 106.9 | 78.1 |  | 373.6 | 359.0 |
|  | Q3 |  |  |  |  |  |  | Q3 | 106.6 | 77.5 |  | 368.6 | 353.2 |
|  | Q4 |  |  |  |  |  |  | Q4 | 109.8 | 77.0 |  | 375.8 | 362.0 |
|  | Annual |  |  |  |  |  |  | Annual | 3.2\% | -1.4\% |  | 0.8\% | 4.3\% |
| 1997 | Q1 |  |  |  |  |  | 2007 | Q1 | 108.4 | 77.6 |  | 373.3 | 370.4 |
|  | Q2 |  |  |  |  |  |  | Q2 | 104.7 | 75.0 |  | 381.3 | 374.2 |
|  | Q3 |  |  |  |  |  |  | Q3 | 110.8 | 75.6 |  | 379.3 | 383.5 |
|  | Q4 |  |  |  |  |  |  | Q4 | $122.3$ | 73.5 |  | 394.0 | 391.9 |
|  | Annual |  |  |  |  |  |  | Annual | 11.4\% | -4.5\% |  | 4.8\% | 8.2\% |
| 1998 | Q1 |  |  |  |  |  | 2008 | Q1 | 122.0 | 73.7 | 178.4 | 389.4 | 398.1 |
|  | Q2 |  |  |  |  |  |  | Q2 | 127.6 | 75.9 | 187.2 | 404.1 | 423.0 |
|  | Q3 |  |  |  |  |  |  | Q3 | 124.8 | 73.0 | 180.5 | 412.3 | 428.0 |
|  | Q4 |  |  |  |  |  |  | Q4 | 123.9 | 70.2 | 178.6 | 422.5 | 441.1 |
|  | Annual |  |  |  |  |  |  | Annual | 1.3\% | -4.5\% |  | 7.2\% | 12.6\% |
| 1999 | Q1 |  |  |  |  |  | 2009 | Q1 | 129.0 | 73.6 | 183.7 | 425.7 | 453.3 |
|  | Q2 |  |  |  |  |  |  | Q2 | 134.4 | 69.9 | 186.2 | 444.3 | 477.3 |
|  | Q3 |  |  |  |  |  |  | Q3 | 131.6 | 69.6 | 186.2 | 465.7 | 516.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 138.2 | 73.3 | 195.1 | 518.2 | 588.5 |
|  | Annual |  |  |  |  |  |  | Annual | 11.5\% | 4.4\% | 9.2\% | 22.6\% | 33.4\% |
| 2000 | Q1 |  |  |  |  |  | 2010 | Q1 | 137.7 | 74.8 | 197.7 | 521.4 | 614.9 |
|  | Q2 |  |  |  |  |  |  | Q2 | 139.1 | 76.5 | 204.2 | 581.4 | 712.8 |
|  | Q3 |  |  |  |  |  |  | Q3 | 141.4 | 80.0 | 198.7 | 648.5 | 798.7 |
|  |  |  |  |  |  |  |  | Q4 | $152.3$ | $79.4$ | $204.6$ | $690.2$ | $1011.4$ |
|  | Annual |  |  |  |  |  |  | Annual | 10.2\% | 8.3\% | 4.9\% | 33.2\% | 71.9\% |
| 2001 | Q1 |  |  |  |  |  | 2011 | Q1 | 156.4 | 83.7 | 203.8 | 730.6 | 1119.5 |
|  | Q2 |  |  |  |  |  |  | Q2 | 155.5 | 82.8 | 206.9 | 756.7 | 1066.1 |
|  | Q3 |  |  |  |  |  |  | Q3 | 161.6 | 84.6 | 210.0 | 754.6 | 1062.9 |
|  | Q4 |  |  |  |  |  |  | Q4 | 166.7 | 88.3 | 216.1 | 795.6 | 1088.3 |
|  | Annual |  |  |  |  |  |  | Annual | 9.5\% | 11.2\% | 5.6\% | 15.3\% | 7.6\% |
| 2002 | Q1 |  |  |  |  |  | 2012 | Q1 | 167.5 | 86.8 | 219.4 | 787.0 | 1097.0 |
|  | Q2 |  |  |  |  |  |  | Q2 | 166.1 | 86.8 | 222.7 | 820.9 | 1124.8 |
|  | Q3 |  |  |  |  |  |  | Q3 | 170.1 | 87.4 | 225.1 | 796.8 | 1104.7 |
|  | Q4 |  |  |  |  |  |  | Q4 | 170.4 | 87.9 | 223.8 | 773.5 | 1117.5 |
|  | Annual |  |  |  |  |  |  | Annual | 2.2\% | -0.5\% | 3.6\% | -2.8\% | 2.7\% |
| 2003 | Q1 |  |  |  |  |  | 2013 | Q1 | 166.1 | 85.1 | 221.6 | 777.9 | 1157.5 |
|  | Q2 |  |  |  |  |  |  | Q2 | 162.0 | 84.6 | 216.3 | 740.9 | 1086.3 |
|  | Q3 |  |  |  |  |  |  | Q3 | 155.7 | 82.0 | 208.3 | 701.1 | 1037.2 |
|  | Q4 |  |  |  |  |  |  | Q4 | 156.3 | 81.2 | 206.1 | 679.7 | 959.6 |
|  | nual |  |  |  |  |  |  | Annual | -8.3\% | -7.6\% | -7.9\% | -12.1\% | -14.1\% |

## INSURANCE

The Shoparound index incorporates the five cheapest premiums aggregated from premiums from both the direct/broker channel and price comparison sites.

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



SHOPAROUND AVERAGE PREMIUMS-ROLLING ANNUAL INCREASE ON A QUARTERLY BASIS


Source for pages 4-6: AA British Insurance Premium Index

## ECONOMICS

BANK BASE RATES

| Effective Date |  | \% | Effective Date |  | \% | Effective Date |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1992 | 5th May | 10.0 | 1998 | 4th June | 7.5 | 2004 | 5th February | 4.0 |
|  | 22nd September | 9.0 |  | 8th October | 7.25 |  | 6th May | 4.25 |
|  | 16th October | 8.0 |  | 5th November | 6.75 |  | 10th June | 4.5 |
|  | 13th November | 7.0 |  | 10th December | 6.25 |  | 5th August | 4.75 |
|  | Annual Average | 9.6 |  | Annual Average | 7.2 |  | Annual Average | 4.4 |
| 1993 | 26th January | 6.0 | 1999 | 7th January | 6.0 | 2005 | 4th August | 4.5 |
|  | 23rd November | 5.5 |  | 4th February | 5.5 |  | Annual Average | 4.6 |
|  | Annual Average | 6.0 |  | 10th June | 5.0 | 2006 | 3rd August | 4.75 |
| 1994 | 8th February | 5.25 |  | 8th September | 5.25 |  | 9th November | 5.0 |
|  | 12th September | 5.75 |  | 4th November | 5.5 |  | Annual Average | 4.6 |
|  | 7th December | 6.25 |  | Annual Average | 5.3 | 2007 | 11th January | 5.25 |
|  | Annual Average | 5.5 | 2000 | 13th January | 5.75 |  | 10th May | 5.5 |
| 1995 | 3rd February | 6.75 |  | 10th February | 6.0 |  | 5th July | 5.75 |
|  | 13th December | 6.5 |  | Annual Average | 6.0 |  | 6th December | 5.5 |
|  | Annual Average | 6.7 | 2001 | 8th February | 5.75 |  | Annual Average | 5.5 |
| 1996 | 18th January | 6.25 |  | 5th April | 5.5 | 2008 | 7th February | 5.25 |
|  | 8th March | 6.0 |  | 10th May | 5.25 |  | 10th April | 5.0 |
|  | 6th June | 5.75 |  | 2nd August | 5.0 |  | 8th October | 4.5 |
|  | 30th October | 6.0 |  | 18th September | 4.75 |  | 6th November | 3.0 |
|  | Annual Average | 6.0 |  | 4th October | 4.5 |  | 4th December | 2.0 |
| 1997 | 6th May | 6.25 |  | 8th November | 4.0 |  | Annual Average | 4.7 |
|  | 9th June | 6.5 |  | Annual Average | 5.1 | 2009 | 8th January | 1.5 |
|  | 10th July | 6.75 | 2002 | Annual Average | 4.0 |  | 5th February | 1.0 |
|  | 7th August | 7.0 | 2003 | 6th February | 3.75 |  | 5th March | 0.5 |
|  | 6th November | 7.25 |  | 10th July | 3.5 |  | Annual Average | 0.7 |
|  | Annual Average | 6.6 |  | 6th November | 3.75 | 2010 | Annual Average | 0.5 |
|  |  |  | Annual Average |  | 3.7 | 2011 | Annual Average | 0.5 |
|  |  |  |  |  |  | 2012 | Annual Average | 0.5 |
|  |  |  |  |  |  | 2013 | Annual Average | 0.5 |

## ECONOMICS

## STERLING EXCHANGE RATES

|  |  | US\$ | DM | YEN |  |  | US\$ | EURO* | YEN |  |  | US\$ | EURO | YEN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1989 | Q1 | 1.69 | 3.20 | 224 | 1999 | Q1 | 1.61 | 1.50 | 191 | 2009 | Q1 | 1.43 | 1.08 | 142 |
|  | Q2 | 1.55 | 3.03 | 223 |  | Q2 | 1.58 | 1.53 | 191 |  | Q2 | 1.65 | 1.17 | 159 |
|  | Q3 | 1.62 | 3.02 | 226 |  | Q3 | 1.65 | 1.55 | 175 |  | Q3 | 1.60 | 1.09 | 143 |
|  | Q4 | 1.61 | 2.73 | 232 |  | Q4 | 1.61 | 1.61 | 165 |  | Q4 | 1.61 | 1.13 | 150 |
| 1990 | Q1 | 1.65 | 2.78 | 259 | 2000 | Q1 | 1.60 | 1.67 | 164 | 2010 | Q1 | 1.52 | 1.12 | 142 |
|  | Q2 | 1.74 | 2.90 | 266 |  | Q2 | 1.51 | 1.58 | 160 |  | Q2 | 1.50 | 1.22 | 132 |
|  | Q3 | 1.87 | 2.94 | 259 |  | Q3 | 1.48 | 1.68 | 160 |  | Q3 | 1.57 | 1.16 | 131 |
|  | Q4 | 1.93 | 2.89 | 262 |  | Q4 | 1.49 | 1.59 | 171 |  | Q4 | 1.56 | 1.16 | 127 |
| 1991 | Q1 | 1.74 | 2.97 | 246 | 2001 | Q1 | 1.42 | 1.61 | 178 | 2011 | Q1 | 1.61 | 1.13 | 133 |
|  | Q2 | 1.62 | 2.94 | 223 |  | Q2 | 1.41 | 1.66 | 175 |  | Q2 | 1.61 | 1.11 | 130 |
|  | Q3 | 1.75 | 2.92 | 233 |  | Q3 | 1.47 | 1.61 | 175 |  | Q3 | 1.56 | 1.16 | 120 |
|  | Q4 | 1.87 | 2.84 | 234 |  | Q4 | 1.46 | 1.64 | 191 |  | Q4 | 1.55 | 1.20 | 120 |
| 1992 | Q1 | 1.74 | 2.86 | 231 | 2002 | Q1 | 1.42 | 1.63 | 189 | 2012 | Q1 | 1.60 | 1.21 | 129 |
|  | Q2 | 1.90 | 2.90 | 240 |  | Q2 | 1.52 | 1.54 | 183 |  | Q2 | 1.57 | 1.24 | 125 |
|  | Q3 | 1.78 | 2.52 | 214 |  | Q3 | 1.57 | 1.59 | 191 |  | Q3 | 1.61 | 1.25 | 126 |
|  | Q4 | 1.51 | 2.45 | 189 |  | Q4 | 1.61 | 1.54 | 191 |  | Q4 | 1.63 | 1.23 | 141 |
| 1993 | Q1 | 1.51 | 2.43 | 173 | 2003 | Q1 | 1.58 | 1.45 | 187 | 2013 | Q1 | 1.52 | 1.19 | 143 |
|  | Q2 | 1.49 | 2.55 | 160 |  | Q2 | 1.65 | 1.44 | 198 |  | Q2 | 1.52 | 1.16 | 151 |
|  | Q3 | 1.50 | 2.45 | 159 |  | Q3 | 1.66 | 1.43 | 186 |  | Q3 | 1.60 | 1.20 | 158 |
|  | Q4 | 1.48 | 2.57 | 165 |  | Q4 | 1.79 | 1.42 | 192 |  | Q4 | 1.66 | 1.20 | 174 |
| 1994 | Q1 | 1.49 | 2.48 | 153 | 2004 | Q1 | 1.84 | 1.50 | 191 |  |  |  |  |  |
|  | Q2 | 1.54 | 2.46 | 152 |  | Q2 | 1.81 | 1.49 | 198 |  |  |  |  |  |
|  | Q3 | 1.58 | 2.45 | 156 |  | Q3 | 1.81 | 1.46 | $199$ |  |  |  |  |  |
|  | Q4 | 1.57 | 2.43 | 156 |  | Q4 | 1.92 | 1.42 | $197$ |  |  |  |  |  |
| 1995 | Q1 | 1.63 | 2.23 | 141 | 2005 | Q1 | 1.89 | 1.45 | 202 |  |  |  |  |  |
|  | Q2 | 1.59 | 2.02 | 135 |  | Q2 | 1.79 | 1.48 | 199 |  |  |  |  |  |
|  | Q3 | 1.58 | 2.25 | 156 |  | Q3 | 1.77 | 1.47 | 201 |  |  |  |  |  |
|  | Q4 | 1.53 | 2.22 | 160 |  | Q4 | 1.72 | 1.46 | 203 |  |  |  |  |  |
| 1996 | Q1 | 1.53 | 2.25 | 163 | 2006 | Q1 | 1.73 | 1.44 | 205 |  |  |  |  |  |
|  | Q2 | 1.55 | 2.37 | 170 |  | Q2 | 1.84 | 1.44 | 211 |  |  |  |  |  |
|  | Q3 | 1.56 | 2.39 | 174 |  | Q3 | 1.87 | 1.48 | 221 |  |  |  |  |  |
|  | Q4 | 1.71 | 2.64 | 199 |  | Q4 | 1.96 | 1.49 | 233 |  |  |  |  |  |
| 1997 | Q1 | 1.64 | 2.74 | 203 | 2007 | Q1 | 1.96 | 1.47 | 232 |  |  |  |  |  |
|  | Q2 | 1.66 | 2.90 | 190 |  | Q2 | 2.01 | 1.48 | 248 |  |  |  |  |  |
|  | Q3 | 1.62 | 2.85 | 195 |  | Q3 | 2.04 | 1.44 | 234 |  |  |  |  |  |
|  | Q4 | 1.65 | 2.96 | 214 |  | Q4 | 1.99 | 1.36 | 222 |  |  |  |  |  |
| 1998 | Q1 | 1.67 | 3.10 | 223 | 2008 | Q1 | 1.99 | 1.25 | 198 |  |  |  |  |  |
|  | Q2 | 1.67 | 3.01 | 232 |  | Q2 | 1.99 | 1.26 | $211$ |  |  |  |  |  |
|  | Q3 | 1.70 | 2.84 | 231 |  | Q3 | 1.78 | 1.27 | 189 |  |  |  |  |  |
|  | Q4 | 1.66 | 2.77 | 188 |  | Q4 | 1.44 | 1.03 | 130 |  |  |  |  |  |

* Euro from Q1 1999

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 | 238.0 | 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 | 249.5 | 250.0 | 249.7 | 249.7 | 251.0 | 251.9 | 251.9 | 252.1 | 253.4 | 2.7\% |

Rolling Annual Increase on a Monthly Basis


## ECONOMICS

AVERAGE EARNINGS INDEX FOR ALL EMPLOYEES

|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Annual Increase |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1989 \\ & 1990 \end{aligned}$ | 61.0 | 61.4 | 61.4 | 62.6 | 63.2 | 64.0 | 64.4 | 64.7 | 65.2 | 65.6 | 66.3 | 66.6 |  |
| 1991 | 66.7 | 67.0 | 66.7 | 67.8 | 68.4 | 68.7 | 69.0 | 69.7 | 70.0 | 70.3 | 71.1 | 70.9 | 6.5\% |
| 1992 | 71.5 | 71.9 | 72.3 | 72.0 | 72.6 | 72.9 | 73.1 | 73.2 | 73.7 | 74.1 | 74.0 | 74.3 | 4.8\% |
| 1993 | 74.3 | 74.4 | 73.9 | 74.7 | 75.0 | 74.9 | 75.5 | 75.6 | 75.8 | 76.0 | 76.4 | 76.4 | 2.8\% |
| 1994 | 76.6 | 77.1 | 77.0 | 76.9 | 77.6 | 78.0 | 78.1 | 78.5 | 78.5 | 78.9 | 79.0 | 79.2 | 3.7\% |
| 1995 | 79.4 | 79.6 | 79.9 | 79.9 | 80.1 | 80.2 | 80.3 | 80.5 | 80.8 | 81.2 | 81.4 | 81.5 | 2.9\% |
| 1996 | 81.7 | 82.1 | 82.2 | 82.6 | 82.6 | 83.0 | 83.3 | 83.6 | 84.3 | 84.2 | 84.5 | 84.9 | 4.2\% |
| 1997 | 85.2 | 85.1 | 86.0 | 85.7 | 86.0 | 86.2 | 86.8 | 87.3 | 87.8 | 88.1 | 88.6 | 89.1 | 4.9\% |
| 1998 | 89.2 | 89.4 | 90.1 | 90.7 | 91.2 | 90.7 | 91.7 | 91.7 | 92.3 | 92.5 | 92.8 | 92.8 | 4.2\% |
| 1999 | 93.1 | 93.7 | 94.1 | 94.4 | 95.0 | 95.5 | 95.8 | 96.2 | 96.6 | 97.3 | 97.6 | 98.6 | 6.3\% |
| 2000 | 98.0 | 96.3 | 99.3 | 98.7 | 99.5 | 99.3 | 100.1 | 100.6 | 101.2 | 101.4 | 102.1 | 103.4 | 4.9\% |
| 2001 | 103.4 | 104.4 | 104.1 | 104.4 | 104.4 | 105.0 | 104.9 | 105.6 | 105.7 | 106.2 | 106.5 | 106.8 | 3.3\% |
| 2002 | 107.3 | 107.6 | 106.9 | 108.2 | 108.3 | 108.9 | 109.0 | 108.8 | 109.1 | 109.0 | 109.4 | 109.3 | 2.3\% |
| 2003 | 109.9 | 110.1 | 111.8 | 111.0 | 111.4 | 111.7 | 111.9 | 112.1 | 113.0 | 113.2 | 113.3 | 113.7 | 4.0\% |
| 2004 | 114.1 | 113.0 | 114.7 | 116.6 | 116.2 | 116.5 | 117.1 | 117.8 | 118.2 | 119.2 | 119.3 | 119.6 | 5.2\% |
| 2005 | 119.5 | 119.9 | 119.4 | 121.7 | 121.4 | 121.7 | 122.6 | 123.6 | 123.8 | 124.1 | 124.7 | 124.8 | 4.3\% |
| 2006 | 123.9 | 127.6 | 126.4 | 126.8 | 127.0 | 128.4 | 128.2 | 128.1 | 128.4 | 129.5 | 130.0 | 131.8 | 5.6\% |
| 2007 | 131.8 | 137.3 | 132.1 | 132.0 | 132.9 | 133.9 | 134.3 | 134.8 | 135.5 | 135.1 | 136.1 | 135.9 | 3.1\% |
| 2008 | 136.5 | 143.6 | 138.3 | 138.2 | 138.6 | 138.4 | 138.7 | 138.9 | 139.2 | 139.8 | 139.3 | 139.3 | 2.5\% |
| 2009 | 139.3 | 135.2 | 132.4 | 140.2 | 139.8 | 139.2 | 139.3 | 139.7 | 139.8 | 140.0 | 140.3 | 141.9 | 1.9\% |
| 2010 | 140.3 | 142.8 | 141.3 | 140.7 | 141.5 | 141.7 | 141.8 | 142.5 | 143.0 | 143.1 | 143.4 | 143.7 | 1.3\% |
| 2011 | 146.3 | 145.1 | 145.2 | 143.9 | 144.9 | 146.3 | 146.1 | 145.4 | 145.6 | 146.2 | 146.3 | 146.5 | 1.9\% |
| 2012 | 146.5 | 146.4 | 146.9 | 146.9 | 147.3 | 148.0 | 148.2 | 148.6 | 148.2 | 148.1 | 148.6 | 148.3 | 1.2\% |
| 2013 | 148.2 | 147.9 | 146.5 | 152.5 | 150.0 | 149.4 | 149.4 | 149.5 | 149.5 | 149.8 | 149.7 | 150.5 | 1.5\% |

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.

Rolling Annual Increase on a Monthly Basis


MARKETS AT A GLANCE

$=$ local currency

## MARKETS

| ASSET | 3 Months \% | 1 Year \% p.a. | 2 Years \% p.a. | 3 Years <br> \% p.a. | 4 Years \% p.a. | 5 Years <br> \% p.a. | 10 Years \% p.a. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EQUITIES |  |  |  |  |  |  |  |
| FTSE All Share | 5.5\% | 20.8\% | 16.5\% | 9.4\% | 10.7\% | 14.3\% | 8.8\% |
| FTSE 100 | 5.1\% | 18.7\% | 14.2\% | 8.5\% | 9.5\% | 12.9\% | 8.0\% |
| FTSE 250 | 7.5\% | 32.3\% | 29.2\% | 14.5\% | 17.6\% | 23.6\% | 13.7\% |
| FTSE Small Cap | 6.0\% | 32.8\% | 30.3\% | 14.1\% | 15.4\% | 22.3\% | 8.7\% |
| INTERNATIONAL |  |  |  |  |  |  |  |
| North America | 7.5\% | 28.3\% | 19.2\% | 12.9\% | 14.4\% | 14.5\% | 8.6\% |
| Europe ex UK | 5.8\% | 26.5\% | 21.8\% | 8.3\% | 7.6\% | 10.0\% | 9.2\% |
| Japan | 0.1\% | 25.0\% | 13.6\% | 4.0\% | 7.6\% | 4.7\% | 5.0\% |
| Pacific Basin ex Japan | -1.1\% | 2.4\% | 10.3\% | 2.2\% | 7.2\% | 14.8\% | 13.1\% |
| Emerging Markets | -0.7\% | -5.3\% | 3.3\% | -4.5\% | 1.9\% | 11.9\% | 12.7\% |
| World (FTSE All World) | 5.0\% | 21.0\% | 16.4\% | 8.2\% | 10.3\% | 12.4\% | 8.8\% |
| World ex UK (Developed) | 5.6\% | 25.0\% | 18.3\% | 9.9\% | 11.5\% | 12.3\% | 8.5\% |
| PROPERTY | 2.6\% | 8.7\% | 2.4\% | 8.1\% | 14.5\% | 2.2\% | 18.9\% |
| BONDS \& CASH |  |  |  |  |  |  |  |
| UK Gilts (Over 15 Years) | -1.8\% | -5.9\% | -1.6\% | 6.9\% | 7.4\% | 4.8\% | 5.9\% |
| UK Gilts (All Stocks) | -1.4\% | -3.9\% | -0.7\% | 4.5\% | 5.1\% | 3.9\% | 5.2\% |
| UK Index-linked (AII) | -0.9\% | 0.5\% | 0.6\% | 6.7\% | 7.2\% | 7.1\% | 6.8\% |
| Cash | 0.1\% | 0.4\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 2.7\% |
| Corporate (All Inv Grade) | 0.2\% | 1.9\% | 8.6\% | 7.5\% | 7.8\% | 9.2\% | 5.1\% |
| Corporate (AAA) | -1.0\% | -1.8\% | 2.4\% | 4.4\% | 5.1\% | 3.6\% | 3.7\% |
| Corporate (AA) | -0.2\% | 0.3\% | 9.8\% | 9.1\% | 7.0\% | 9.2\% | 6.2\% |
| Corporate (A) | -0.3\% | 0.6\% | 14.2\% | 4.7\% | 8.3\% | 11.6\% | 6.5\% |
| Corporate (BBB) | 0.9\% | 4.0\% | 19.5\% | 4.3\% | 10.6\% | 31.7\% | 7.3\% |
| OTHER |  |  |  |  |  |  |  |
| Retail Price Index | 0.6\% | 2.7\% | 2.9\% | 3.5\% | 3.8\% | 3.5\% | 3.3\% |
| National Average Earnings | 0.7\% | 1.5\% | 1.4\% | 1.6\% | 1.5\% | 1.6\% | 2.9\% |

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\% |
|  | nual | 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

## MARKETS

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\% |
|  | Q2 | -1.7\% | 2.2\% | -5.9\% | -2.8\% | -6.5\% | 0.1\% |
|  | Q3 | 5.6\% | 2.9\% | 1.3\% | 2.8\% | 0.6\% | 0.1\% |
|  | Q4 | 5.5\% | 2.6\% | -1.8\% | 0.2\% | -0.9\% | 0.1\% |
|  | nual | 20.8\% | 8.7\% | -5.9\% | 1.9\% | 0.5\% | 0.4\% |

Highest Market Return in Year
Across Overseas Markets

INTERNATIONAL MARKET

|  |  | 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

|  |  | World ex UK | North <br> 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\% |
|  | Q2 | 1.1\% | 2.2\% | 1.2\% | 4.5\% | -10.3\% | -7.5\% |
|  | Q3 | 1.2\% | -0.8\% | 7.3\% | 0.1\% | 4.3\% | -2.2\% |
|  | Q4 | 5.6\% | 7.5\% | 5.8\% | 0.1\% | -1.1\% | -0.7\% |
|  | nual | 25.0\% | 28.3\% | 26.5\% | 25.0\% | 2.4\% | -5.0\% |

Highest Market Return in Year
Across Overseas Markets

HISTORIC RETURNS FOR UK MARKETS
EQUITIES
(FTSE ALL-SHARE)

|  | Year on Year Inflation | Annual | Inflation <br> Adjusted | Rolling $5-\mathrm{Yr}$ 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\% |
| 2013 | 2.7\% | 20.8\% | 17.7\% | 10.4\% | 5.3\% | 5.9\% |

## MARKETS

GILTS
(15 Years)
CASH
(One-week deposit)

|  | 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 <br> 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\% |
| 2013 | -5.9\% | -8.4\% | 1.2\% | 2.6\% | 5.0\% | 0.4\% | -2.2\% | -2.9\% | -0.6\% | 2.1\% |

## 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.

## MARKETS

## VOLATILITY OF MARKETS

## S\&P 500 <br> 

TOPIX (Japan)


QUARTERLY INVESTMENT YIELDS

|  |  | UK <br> Equities \% | Overseas <br> Equities \% | Gilts <br> \% | Index <br> -linked \% | Corporate <br> Bonds \% | Cash <br> \% | UK <br> Property \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 | Q1 | 2.36 | 1.49 | 5.96 | 2.85 |  | 7.20 | 6.20 |
|  | Q2 | 2.41 | 1.54 | 5.75 | 2.65 |  | 7.20 | 6.20 |
|  | Q3 | 2.84 | 1.72 | 4.89 | 2.47 |  | 7.60 | 6.20 |
|  | Q4 | 2.50 | 1.44 | 4.40 | 1.94 |  | 7.20 | 6.50 |
| 1999 | Q1 | 2.34 | 1.39 | 4.60 | 1.76 |  | 5.25 | 6.50 |
|  | Q2 | 2.26 | 1.50 | 4.82 | 1.90 |  | 5.06 | 6.30 |
|  | Q3 | 2.41 | 1.38 | 5.06 | 2.13 |  | 5.38 | 6.30 |
|  | Q4 | 2.12 | 1.17 | 4.80 | 1.80 |  | 3.44 | 6.30 |
| 2000 | Q1 | 2.11 | 1.15 | 4.71 | 1.87 |  | 5.81 | 6.30 |
|  | Q2 | 2.16 | 1.22 | 4.68 | 1.83 |  | 5.88 | 6.30 |
|  | Q3 | 2.17 | 1.22 | 4.85 | 2.02 |  | 6.06 | 6.40 |
|  | Q4 | 2.23 | 1.28 | 4.48 | 1.92 |  | 4.88 | 6.70 |
| 2001 | Q1 | 2.53 | 1.49 | 4.82 | 2.24 |  | 6.00 | 6.80 |
|  | Q2 | 2.42 | 1.44 | 5.10 | 2.41 |  | 4.91 | 6.90 |
|  | Q3 | 2.87 | 1.76 | 4.85 | 2.37 |  | 4.97 | 6.90 |
|  | Q4 | 2.63 | 1.58 | 4.84 | 2.30 |  | 4.31 | 7.00 |
| 2002 | Q1 | 2.66 | 1.58 | 5.15 | 2.28 |  | 3.38 | 7.00 |
|  | Q2 | 2.98 | 1.82 | 4.87 | 2.14 |  | 3.75 | 7.00 |
|  | Q3 | 3.73 | 2.22 | 4.36 | 2.01 | 5.11 | 3.75 | 6.80 |
|  | Q4 | 3.55 | 2.12 | 4.47 | 2.02 | 5.16 | 4.19 | 6.90 |
| 2003 | Q1 | 3.87 | 2.27 | 4.53 | 1.85 | 5.06 | 3.81 | 6.80 |
|  | Q2 | 3.43 | 1.99 | 4.52 | 1.76 | 5.06 | 3.63 | 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 | 3.50 | 6.70 |
| 2004 | Q1 | 3.13 | 1.83 | 4.66 | 1.67 | 5.22 | 3.98 | 6.50 |
|  | Q2 | 3.16 | 1.86 | 4.88 | 1.87 | 5.42 | 4.50 | 6.30 |
|  | Q3 | 3.16 | 1.95 | 4.67 | 1.71 | 5.23 | 4.75 | 6.10 |
|  | Q4 | 3.05 | 1.87 | 4.45 | 1.54 | 4.98 | 4.74 | 6.00 |
| 2005 | Q1 | 3.09 | 1.98 | 4.60 | 1.61 | 5.08 | 4.76 | 5.70 |
|  | Q2 | 3.10 | 2.03 | 4.20 | 1.39 | 4.83 | 4.79 | 5.60 |
|  | Q3 | 2.99 | 1.94 | 4.25 | 1.33 | 4.82 | 4.53 | 5.40 |
|  | Q4 | 2.95 | 1.92 | 4.00 | 1.09 | 4.48 | 4.67 | 5.20 |
| 2006 | Q1 | 2.91 | 1.87 | 4.15 | 1.19 | 4.62 | 4.56 | 5.00 |
|  | Q2 | 3.11 | 2.08 | 4.35 | 1.43 | 4.87 | 4.60 | 4.90 |
|  | Q3 | 3.06 | 2.03 | 4.11 | 1.16 | 4.59 | 4.84 | 4.80 |
|  | Q4 | 2.86 | 1.96 | 4.23 | 1.23 | 4.71 | 5.12 | 4.80 |

## MARKETS

|  |  | UK <br> Equities \% | Overseas <br> Equities \% | Gilts \% | Index <br> -linked \% | Corporate <br> Bonds \% | Cash \% | UK <br> Property \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | Q1 | 2.84 | 2.00 | 4.46 | 1.38 | 4.92 | 5.36 | 4.80 |
|  | Q2 | 2.75 | 3.46 | 4.86 | 1.67 | 5.37 | 5.75 | 4.80 |
|  | Q3 | 2.89 | 2.41 | 4.63 | 1.33 | 5.44 | 5.90 | 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 | 5.38 | 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 | 5.75 | 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 | 0.70 | 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 | 0.48 | 7.20 |
|  | Q4 | 3.20 | 2.35 | 4.40 | 0.68 | 4.69 | 0.48 | 6.60 |
| 2010 | Q1 | 3.16 | 2.21 | 4.46 | 0.64 | 4.70 | 0.40 | 6.40 |
|  | Q2 | 3.34 | 2.52 | 4.14 | 0.67 | 4.36 | 0.48 | 6.30 |
|  | Q3 | 3.17 | 2.41 | 3.85 | 0.48 | 4.11 | 0.41 | 6.30 |
|  | Q4 | 2.89 | 2.26 | 4.14 | 0.49 | 4.38 | 0.50 | 6.20 |
| 2011 | Q1 | 2.96 | 2.28 | 4.30 | 0.63 | 4.52 | 0.55 | 6.10 |
|  | Q2 | 2.99 | 2.46 | 4.22 | 0.48 | 4.47 | 0.60 | 6.10 |
|  | Q3 | 3.66 | 2.95 | 3.45 | 0.16 | 3.66 | 0.65 | 6.10 |
|  | Q4 | 3.52 | 2.79 | 2.94 | -0.25 | 3.55 | 0.70 | 6.10 |
| 2012 | Q1 | 3.45 | 2.58 | 3.26 | -0.11 | 3.61 | 0.65 | 6.25 |
|  | Q2 | 3.69 | 2.74 | 2.92 | -0.10 | 3.29 | 0.60 | 6.25 |
|  | Q3 | 3.64 | 2.66 | 2.90 | 0.09 | 3.27 | 0.57 | 6.25 |
|  | Q4 | 3.57 | 2.73 | 3.00 | -0.07 | 3.34 | 0.48 | 6.25 |
| 2013 | Q1 | 3.35 | 2.54 | 3.02 | -0.43 | 3.76 | 0.48 | 6.25 |
|  | Q2 | 3.53 | 2.60 | 3.43 | -0.03 | 4.19 | 0.43 | 6.10 |
|  | Q3 | 3.41 | 2.49 | 3.41 | -0.04 | 4.07 | 0.43 | 5.75 |
|  | Q4 | 3.28 | 2.31 | 3.58 | 0.03 | 4.17 | 0.41 | 5.75 |

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


## SOURCES OF INVESTMENT STATISTICS

| UK |  |  |  |
| :---: | :---: | :---: | :---: |
| Equities | Return \& Yield | 1990 | FTSE All-Share Index |
| Gilts | Return | 1998 | FTSE Actuaries Govt. Securities Over 15 Years Gilt Index |
|  | Yield | 1998 | FTSE Actuaries Govt. Securities Over 15 Years Gilt Index |
| Index-linked | Return |  | FTSE Actuaries Index-linked All Stock Index |
|  | Yield | 1986 | FTSE Actuaries Index-linked Over 5 Years Index, 5\% Inflation |
| Corporate Bonds | Return |  | Bloomberg (iboxx) |
|  | Yield | Q3 2002 | Bloomberg (GBP EURO AAA Bond Index) |
| Cash | Return \& Yield |  | Bloomberg |
| Property | Return |  | Bloomberg (Investment Property Databank (IPD) Index) |
|  | Yield |  | Bloomberg (CB Richard Ellis Quarterly Rent \& Yield Monitor) |
| Overseas |  |  |  |
| Equities | Return \& Yield | 1998 | FTSE World and All World Series Indices Local and Sterling Based |
| 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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