## -I Milliman

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## INSURANCE

According to the AA, there was a record drop for car insurance premiums as the average Shoparound quote for an annual comprehensive car insurance policy fell from £659.53 in July 2012 to £594.86, a drop of $9.8 \%$, while in the past quarter the average Shoparound quote for a car insurance policy dropped by $3 \%$. It is the sixth successive quarter that premiums have fallen and the biggest fall since the AA index began in 1994. Drivers between 23 and 29 have seen the biggest fall over the past year, $12.8 \%$, while drivers aged over 70 saw the smallest fall, $3.9 \%$, but all ages have on average seen premiums fall significantly.

This comes as a relief for motorists, who saw premiums increase sharply between 2009 and 2011 due a large increase in whiplash injury claims and fraud. The gap between premium income and claims costs is closing and premiums are falling because of competition and improved fraud detection by the insurance industry. However, whiplash claims do remain an issue in the UK, and the Institute and Faculty of Actuaries (IFoA) has stated that whiplash claims have risen disproportionately in comparison to other road accidents, which have actually fallen. The IFoA has said that if whiplash claims were genuine, they would rise and fall in line with other motor accidents.

It is estimated that 1,500 claims are made daily, with £1 billion a year paid out in fraudulent claims. Industry experts have continued to call for new rules to be introduced, which would mean that claimants would have to provide diagnostic proof of their injuries within a short time of the accident occurring. Other European countries have implemented such systems. In France, diagnosis requires proof based on rigorous medical testing, while claimants also need to pay for an initial report into the injury. For low-speed collisions in Germany, a high level of proof is required to get compensation, while Italy has new guidelines for accurate medical diagnosis. Sweden has a time limit of 72 hours for the onset of symptoms, and after this period insurers will generally reject the claim.

There are concerns, though, that if similar measures were adopted in the UK, individuals who are genuinely affected may be dissuaded from claiming. For example, if MRI scans were made compulsory and the customer was asked to pay the fee, people on lower income may find this a barrier to claiming.

Home buildings and contents cover dropped in the second quarter of 2013. The AA Shoparound average for a typical contents policy fell by $2.1 \%$ over the quarter to $£ 70.72$, which is a $3.8 \%$ reduction over the year. The AA Shoparound average for buildings cover dropped by $2.6 \%$ over the quarter to $£ 130.45$, a reduction of $5.0 \%$ over the year. For a combined buildings and contents policy, the average quoted premium fell by $2.5 \%$ to $£ 175.78$, a drop of $5.8 \%$ over the year.

The ABI and the government have agreed a memorandum of understanding (MoU) on how to develop a not-for-profit scheme-Flood Re -that would ensure that flood insurance remains widely affordable and available. The MoU is a first step towards establishing Flood Re, which they hope will be running by the summer of 2015 . Flood Re would charge member firms an annual STET of $£ 180$ million, which equates to a levy of $£ 10.50$ on annual household premiums and represents the estimated level of cross-subsidy that already exists between lower and higher flood risk premiums. For Flood Re to be established successfully, there needs to be an unprecedented level of partnership between the government and the industry. Environment Secretary Owen Paterson said that although an agreement has been reached, "there are still areas to work through, but this announcement means that people no longer need to live in fear of being uninsurable and that those at most risk can get protection, now and in the future."

## ECONOMY

For the first time since 2011, the UK has experienced back-to-back quarterly increases after its economy grew by $0.7 \%$ in the second quarter of 2013 , following a $0.3 \%$ rise in the first quarter. Compared with the second quarter of 2012, the gross domestic product has increased by $1.4 \%$. Furthermore, it is the first time since 2010 that all of the main economic sectors grew. Construction grew by $0.9 \%$ and manufacturing grew by $0.4 \%$, but both still remain considerably lower than their pre-recession peaks (16.5\% and 10.2\% lower, respectively). The service sector expanded by $0.6 \%$ and was only $0.2 \%$ below the pre-recession peak level. This was aided by a $1.5 \%$ growth in hotels, restaurants and distribution, as well as expansion in the architectural and engineering services.

The US economy grew at an annualised rate of $1.7 \%$ in the second quarter of 2013 (a quarterly growth of $0.4 \%$ ), which was better than economists had expected and better than the first quarter, when the economy only grew by an annualised rate $1.1 \%$ (revised down from 1.8\%). A slowdown had been expected due to the weak global economy and the impact of federal spending cuts. Imports and exports both picked up in the quarter, with exports rising by $5.4 \%$ and imports rising by $9.5 \%$. The Commerce Department has also revised growth figures from the past. In 2012, US economic growth has been revised from $2.2 \%$ to $2.8 \%$, while during the recession, between December 2007 and June 2009, the contraction of the economy has been revised from $4.7 \%$ to $4.3 \%$.

China's economic growth slowed in the second quarter. Its economy grew at an annualised rate in the second quarter of $7.5 \%$ compared with the previous year, but this is down from $7.7 \%$ in the first quarter, as weak overseas demand weighed on output and investment. The slowdown in the world's second-largest economy has led to concerns that China may lose more steam in the coming quarters with potentially higher unemployment and social unrest. The government believes, though, that employment is stable, while economists expect the government to tough out the slowdown as it pursues a longer-term vision of reforming the economy towards consumer-led, rather than export- and investment-led growth.

There was positive news in Europe, too, as the eurozone emerged from recession after 18 months of contraction. The eurozone's economy grew by $0.3 \%$; however, the European Commission still expects the eurozone to suffer a second full calendar year of falling output in 2013. There were strong results for Germany and France, as their economies grew by $0.7 \%$ and $0.5 \%$, respectively, which was stronger than expected. Portugal, which received a $€ 78$ billion international bailout, recorded the fastest growth of $1.1 \%$ as exports picked up in the second quarter and the decline in investment eased. However, Spain and Italy both remained in recession, as their economies shrank by $0.1 \%$ and $0.2 \%$, respectively. There was also a noticeable fall in the Netherlands, as its economy shrank by 0.2 .

## MARKETS

UK equities performed poorly in the second quarter after a positive first quarter. The FTSE All Share contracted by $1.7 \%$, the FTSE 100 contracted by $2 \%$, and the FTSE 250 recorded a very modest growth of $0.1 \%$. Internationally there were mixed results, as the Emerging Markets contracted by $7.3 \%$ after a growth of $5.4 \%$ in the previous quarter. Japanese equities recorded growth of $4.5 \%$, North American equities grew by $2.2 \%$, and equities in Europe recorded only moderate growth of $1.2 \%$. Fixed-interest assets had an extremely poor quarter with all of the major bonds contracting. The Corporate (AAA) bond fell by $3.6 \%$ and the Corporate (BBB) bond fell by $2.3 \%$.

INSURANCE PREMIUM INDEX-MARKET AVERAGE PREMIUMS

|  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | Q1 | 150.0 | 99.5 |  | 303.3 | 336.8 | 2005 | Q1 | 155.8 | 109.1 |  | 577.8 | 677.1 |
|  | Q2 | 148.6 | 100.4 |  | 308.1 | 338.9 |  | Q2 | 152.9 | 107.4 |  | 582.8 | 683.1 |
|  | Q3 | 146.7 | 99.7 |  | 301.0 | 338.4 |  | Q3 | 154.7 | 109.7 |  | 589.4 | 699.2 |
|  | Q4 | 139.1 | 97.2 |  | 286.6 | 333.4 |  | Q4 | 155.9 | 109.3 |  | 586.9 | 701.7 |
|  | Annual | -10.8\% | -5.8\% |  | -8.0\% | -4.2\% |  | Annual | -0.9\% | -0.4\% |  | 0.9\% | 3.4\% |
| 1996 | Q1 | 136.3 | 94.2 |  | 286.6 | 333.1 | 2006 | Q1 | 156.9 | 110.4 |  | 583.9 | 713.9 |
|  | Q2 | 133.0 | 93.8 |  | 292.3 | 334.5 |  | Q2 | 156.1 | 110.5 |  | 587.3 | 711.9 |
|  | Q3 | 134.6 | 93.8 |  | 309.6 | 348.6 |  | Q3 | 155.6 | 107.6 |  | 594.5 | 744.7 |
|  | Q4 | 137.9 | 95.8 |  | 314.1 | 353.6 |  | Q4 | 157.6 | 107.0 |  | 620.4 | 745.7 |
|  | Annual | -0.8\% | -1.4\% |  | 9.6\% | 6.1\% |  | Annual | 1.1\% | -2.0\% |  | 5.7\% | 6.3\% |
| 1997 | Q1 | 139.9 | 97.1 |  | 326.4 | 366.1 | 2007 | Q1 | 158.8 | 108.4 |  | 617.9 | 741.1 |
|  | Q2 | 139.6 | 96.9 |  | 330.4 | 369.5 |  | Q2 | 155.8 | 107.0 |  | 633.3 | 750.9 |
|  | Q3 | 140.0 | 96.6 |  | 337.0 | 368.8 |  | Q3 | 160.5 | 109.4 |  | 641.8 | 777.7 |
|  | Q4 | 140.0 | 97.0 |  | 344.0 | 383.0 |  | Q4 | 162.8 | 109.8 |  | 653.4 | 804.4 |
|  | Annual | 1.5\% | 1.3\% |  | 9.5\% | 8.3\% |  | Annual | 3.3\% | 2.6\% |  | 5.3\% | 7.9\% |
| 1998 | Q1 | 139.0 | 97.2 |  | 349.3 | 389.6 | 2008 | Q1 | 162.4 | 111.0 |  | 650.2 | 797.0 |
|  | Q2 | 139.1 | 97.8 |  | 359.1 | 400.5 |  | Q2 | 163.2 | 111.1 | 247.2 | 669.8 | 840.2 |
|  | Q3 | 138.6 | 97.7 |  | 368.4 | 410.1 |  | Q3 | 166.2 | 106.4 | 242.5 | 690.6 | 835.5 |
|  | Q4 | 139.0 | 97.2 |  | 375.8 | 419.6 |  | Q4 | 175.0 | 104.7 | 246.0 | 710.6 | 864.2 |
|  | Annual | -0.7\% | 0.2\% |  | 9.2\% | 9.6\% |  | Annual | 7.5\% | -4.7\% |  | 8.7\% | 7.4\% |
| 1999 | Q1 | 139.0 | 97.7 |  | 381.2 | 428.1 | 2009 | Q1 | 175.4 | 107.5 | 247.7 | 720.1 | 858.8 |
|  | Q2 | 141.4 | 98.7 |  | 397.5 | 440.8 |  | Q2 | 179.7 | 104.1 | 252.6 | 745.5 | 898.4 |
|  | Q3 | 141.0 | 98.9 |  | 410.2 | 453.4 |  | Q3 | 182.5 | 106.0 | 252.5 | 787.0 | 982.3 |
|  | Q4 | 141.6 | 99.4 |  | 434.6 | 479.8 |  | Q4 | 193.4 | 112.8 | 272.7 | 843.6 | 1069.5 |
|  | Annual | 1.9\% | 2.2\% |  | 15.7\% | 14.3\% |  | Annual | 10.5\% | 7.7\% | 10.8\% | 18.7\% | 23.8\% |
| 2000 | Q1 | 143.0 | 99.8 |  | 460.3 | 497.1 | 2010 | Q1 | 196.9 | 109.8 | 282.0 | 816.8 | 1021.7 |
|  | Q2 | 143.1 | 99.9 |  | 480.6 | 528.1 |  | Q2 | 201.8 | 111.3 | 283.8 | 915.5 | 1182.7 |
|  | Q3 | 143.6 | 100.4 |  | 497.4 | 547.6 |  | Q3 | 201.1 | 111.3 | 275.0 | 1022.2 | 1298.3 |
|  | Q4 | 144.7 | 100.4 |  | 515.9 | 573.3 |  | Q4 | 211.6 | 112.9 | 281.8 | 1089.6 | 1512.6 |
|  | Annual | 2.2\% | 1.1\% |  | 18.7\% | 19.5\% |  | Annual | 9.5\% | 0.1\% | 3.3\% | 29.1\% | 41.4\% |
| 2001 | Q1 | 147.1 | 101.9 |  | 538.6 | 608.9 | 2011 | Q1 | 213.5 | 111.2 | 281.2 | 1158.4 | 1630.8 |
|  | Q2 | 148.4 | 103.4 |  | 543.4 | 624.1 |  | Q2 | 208.4 | 113.2 | 281.2 | 1176.3 | 1573.7 |
|  | Q3 | 148.7 | 104.2 |  | 553.7 | 635.6 |  | Q3 | 211.8 | 113.4 | 285.5 | 1185.8 | 1576.0 |
|  | Q4 | 150.3 | 105.3 |  | 563.8 | 645.3 |  | Q4 | 217.2 | 117.9 | 293.1 | 1192.9 | 1613.7 |
|  | Annual | 3.9\% | 4.8\% |  | 9.3\% | 12.6\% |  | Annual | 2.6\% | 4.5\% | 4.0\% | 9.5\% | 6.7\% |
| 2002 | Q1 | 152.0 | 106.3 |  | 568.9 | 654.1 | 2012 | Q1 | 216.0 | 115.3 | 294.4 | 1193.4 | 1635.0 |
|  | Q2 | 153.0 | 106.7 |  | 573.8 | 655.7 |  | Q2 | 210.4 | 113.4 | 287.6 | 1218.3 | 1656.0 |
|  | Q3 | 153.8 | 107.4 |  | 578.9 | 659.6 |  | Q3 | 214.7 | 114.6 | 289.6 | 1184.1 | 1587.6 |
|  | Q4 | 154.1 | 107.7 |  | 584.1 | 667.3 |  | Q4 | 218.4 | 116.2 | 293.5 | 1137.7 | 1548.1 |
|  | Annual | 2.5\% | 2.3\% |  | 3.6\% | 3.4\% |  | Annual | 0.6\% | -1.4\% | 0.1\% | -4.6\% | -4.1\% |
| 2003 | Q1 | 155.4 | 108.6 |  | 588.4 | 672.7 | 2013 | Q1 | 213.9 | 111.5 | 288.6 | 1101.9 | 1483.1 |
|  | Q2 | 155.7 | 109.0 |  | 590.5 | 672.4 |  | Q2 | 206.8 | 105.6 | 277.6 | 1029.0 | 1317.0 |
|  | Q3 | 156.1 | 109.5 |  | 597.2 | 680.7 |  | Q3 |  |  |  |  |  |
|  | Q4 | 157.2 | 109.9 |  | 598.7 | 679.4 |  | Q4 |  |  |  |  |  |
|  | Annual | 2.0\% | 2.0\% |  | 2.5\% | 1.8\% |  | Annual |  |  |  |  |  |
| 2004 | Q1 | 157.0 | 110.5 |  | 597.5 | 679.6 |  |  |  |  |  |  |  |
|  | Q2 | 157.0 | 111.0 |  | 584.4 | 673.1 |  |  |  |  |  |  |  |
|  | Q3 | 156.9 | 109.8 |  | 579.1 | 674.5 |  |  |  |  |  |  |  |
|  | Q4 | 157.3 | 109.7 |  | 582.0 | 678.5 |  |  |  |  |  |  |  |
|  | Annual | 0.1\% | -0.1\% |  | -2.8\% | -0.1\% |  |  |  |  |  |  |  |

## INSURANCE

## INSURANCE PREMIUM INDEX-SHOPAROUND AVERAGE PREMIUM

|  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |  |  | Buildings | Contents | Combined | Motor Comp | Motor Non-Comp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995 | Q1 |  |  |  |  |  | 2005 | Q1 | 101.9 | 79.0 |  | 377.1 | 338.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 102.8 | 77.3 |  | 381.2 | 339.2 |
|  | Q3 |  |  |  |  |  |  | Q3 | 106.6 | 78.8 |  | 380.7 | 345.0 |
|  | Q4 |  |  |  |  |  |  | Q4 | 106.5 | 78.2 |  | 384.7 | 355.4 |
|  | Annual |  |  |  |  |  |  | Annual | 4.1\% | -2.7\% |  | 1.9\% | 4.7\% |
| 1996 | Q1 |  |  |  |  |  | 2006 | Q1 | 108.2 | 79.6 |  | 386.4 | 366.7 |
|  | Q2 |  |  |  |  |  |  | Q2 | 107.0 | 78.2 |  | 385.5 | 367.7 |
|  | Q3 |  |  |  |  |  |  | Q3 | 106.6 | 77.6 |  | 380.3 | 361.7 |
|  | Q4 |  |  |  |  |  |  | Q4 | 109.8 | 77.1 |  | 387.8 | 370.8 |
|  | Annual |  |  |  |  |  |  | Annual | 3.2\% | -1.4\% |  | 0.8\% | 4.3\% |
| 1997 | Q1 |  |  |  |  |  | 2007 | Q1 | 108.5 | 77.8 |  | 385.2 | 379.4 |
|  | Q2 |  |  |  |  |  |  | Q2 | 104.7 | 75.1 |  | 393.5 | 383.3 |
|  | Q3 |  |  |  |  |  |  | Q3 | 110.8 | 75.8 |  | 391.3 | 392.8 |
|  | Q4 |  |  |  |  |  |  | Q4 | 122.4 | 73.6 |  | 406.6 | 401.3 |
|  | Annual |  |  |  |  |  |  | Annual | 11.4\% | -4.5\% |  | 4.8\% | 8.2\% |
| 1998 | Q1 |  |  |  |  |  | 2008 | Q1 | 122.0 | 73.8 | 178.6 | 401.8 | 407.8 |
|  | Q2 |  |  |  |  |  |  | Q2 | 127.7 | 76.1 | 187.4 | 416.9 | 433.3 |
|  | Q3 |  |  |  |  |  |  | Q3 | 124.8 | 73.2 | 180.7 | 425.5 | 438.4 |
|  | Q4 |  |  |  |  |  |  | Q4 | 124.0 | 70.3 | 178.8 | 436.0 | 451.8 |
|  | Annual |  |  |  |  |  |  | Annual | 1.3\% | -4.5\% |  | 7.2\% | 12.6\% |
| 1999 | Q1 |  |  |  |  |  | 2009 | Q. 1 | 129.1 | 73.7 | 183.9 | 439.3 | 464.3 |
|  | Q2 |  |  |  |  |  |  | Q2 | 134.5 | 70.0 | 186.4 | 458.5 | 488.8 |
|  | Q3 |  |  |  |  |  |  | Q3 | 131.6 | 69.8 | 186.4 | 480.6 | 529.3 |
|  | Q4 |  |  |  |  |  |  | Q4 | 138.3 | 73.4 | 195.3 | 534.7 | 602.7 |
|  | Annual |  |  |  |  |  |  | Annual | 11.5\% | 4.4\% | 9.2\% | 22.6\% | 33.4\% |
| 2000 | Q1 |  |  |  |  |  | 2010 | Q1 | 137.8 | 74.9 | 197.9 | 538.0 | 629.7 |
|  | Q2 |  |  |  |  |  |  | Q2 | 139.1 | 76.7 | 204.4 | 600.0 | 730.0 |
|  | Q3 |  |  |  |  |  |  | Q3 | 141.5 | 80.1 | 198.9 | 669.2 | 818.0 |
|  | Q4 |  |  |  |  |  |  | Q4 | 152.4 | 79.5 | 204.8 | 712.2 | 1035.8 |
|  | Annual |  |  |  |  |  |  | Annual | 10.2\% | 8.3\% | 4.9\% | 33.2\% | 71.9\% |
| 2001 | Q1 |  |  |  |  |  | 2011 | Q1 | 156.5 | 83.9 | 204.0 | 753.9 | 1146.6 |
|  | Q2 |  |  |  |  |  |  | Q2 | 155.5 | 82.9 | 207.1 | 780.8 | 1091.9 |
|  | Q3 |  |  |  |  |  |  | Q3 | 161.7 | 84.8 | 210.2 | 778.7 | 1088.6 |
|  | Q4 |  |  |  |  |  |  | Q4 | 166.8 | 88.5 | 216.3 | 820.9 | 1114.7 |
|  | Annual |  |  |  |  |  |  | Annual | 9.5\% | 11.2\% | 5.6\% | 15.3\% | 7.6\% |
| 2002 | Q1 |  |  |  |  |  | 2012 | Q1 | 167.6 | 87.0 | 219.6 | 812.1 | 1123.5 |
|  | Q2 |  |  |  |  |  |  | Q2 | 166.2 | 86.9 | 223.0 | 847.0 | 1152.0 |
|  | Q3 |  |  |  |  |  |  | Q3 | 170.1 | 87.6 | 225.3 | 822.2 | 1131.4 |
|  | Q4 |  |  |  |  |  |  | Q4 | 170.5 | 88.0 | 224.0 | 798.2 | 1144.5 |
|  | Annual |  |  |  |  |  |  | Annual | 2.2\% | -0.5\% | 3.6\% | -2.8\% | 2.7\% |
| 2003 | Q1 |  |  |  |  |  | 2013 | Q1 | 166.2 | 85.2 | 221.8 | 802.6 | 1185.5 |
|  | Q2 |  |  |  |  |  |  | Q2 | 162.1 | 84.8 | 216.6 | 764.5 | 1112.6 |
|  | Q3 |  |  |  |  |  |  | Q3 |  |  |  |  |  |
|  | Q4 |  |  |  |  |  |  | Q4 |  |  |  |  |  |
|  | Annual |  |  |  |  |  |  | Annual |  |  |  |  |  |
| 2004 | Q1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Q2 |  |  |  | 391.8 | 336.4 |  |  |  |  |  |  |  |
|  | Q3 | 102.6 | 82.0 |  | 385.0 | 345.9 |  |  |  |  |  |  |  |
|  | Q4 | 102.3 | 80.4 |  | 377.4 | 339.5 |  |  |  |  |  |  |  |
|  | Annual |  |  |  |  |  |  |  |  |  |  |  |  |

## INSURANCE

MARKET AVERAGE PREMIUMS-ROLLING ANNUAL INCREASE ON A QUARTERLY BASIS


## SHOPAROUND AVERAGE PREMIUMS-ROLLING

 ANNUAL INCREASE ON A QUARTERLY BASIS

Source for pages 3-5: AA British Insurance Premium Index

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

## ECONOMICS

## BANK BASE RATES

| Effective Date |  | \% | Effective Date |  | $\begin{gathered} \hline \text { \% } \\ \hline 7.5 \end{gathered}$ | Effective Date |  | $\begin{gathered} \% \\ \hline 3.7 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |  | 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 |  |  | 3.5 |  | 5th March | 0.5 |
|  | Annual Average | 6.6 |  | 6th November | 3.75 |  | Annual Average | 0.7 |
|  |  |  |  |  |  | 2010 | Annual Average | 0.5 |
|  |  |  |  |  |  | 2011 | Annual Average | 0.5 |
|  |  |  |  |  |  | 2012 | Annual Average | 0.5 |

## 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 |  |  |  |  |  |
|  | Q4 | 1.48 | 2.57 | 165 |  | Q4 | 1.79 | 1.42 | 192 |  |  |  |  |  |
| 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 |  |  |  |  |  |

* 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 | 238.0 | 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 |  |  |  |  |  |  |  |

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.

Rolling Annual Increase on a Monthly Basis


## MARKETS

## MARKETS AT A GLANCE


= local currency

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $-1.7 \%$ | $17.9 \%$ | $6.9 \%$ | $12.8 \%$ | $14.8 \%$ | $6.7 \%$ | $9.0 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| FTSE 100 | $-2.0 \%$ | $15.8 \%$ | $6.2 \%$ | $12.1 \%$ | $14.0 \%$ | $5.9 \%$ | $8.3 \%$ |
| FTSE 250 | $0.1 \%$ | $29.9 \%$ | $10.7 \%$ | $17.0 \%$ | $20.1 \%$ | $11.8 \%$ | $13.9 \%$ |
| FTSE Small Cap | $1.2 \%$ | $31.5 \%$ | $10.9 \%$ | $15.4 \%$ | $17.4 \%$ | $9.0 \%$ | $8.9 \%$ |

## INTERNATIONAL

| North America | $2.2 \%$ | $23.6 \%$ | $14.4 \%$ | $16.8 \%$ | $19.0 \%$ | $12.3 \%$ | $8.6 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Europe ex UK | $1.2 \%$ | $28.3 \%$ | $1.3 \%$ | $9.9 \%$ | $11.3 \%$ | $4.3 \%$ | $9.5 \%$ |
| Japan | $4.5 \%$ | $26.3 \%$ | $9.7 \%$ | $8.2 \%$ | $8.8 \%$ | $5.5 \%$ | $7.1 \%$ |
| Pacific Basin ex Japan | $-10.3 \%$ | $12.5 \%$ | $0.9 \%$ | $9.2 \%$ | $14.3 \%$ | $8.9 \%$ | $14.6 \%$ |
| Emerging Markets | $-7.5 \%$ | $7.2 \%$ | $-3.8 \%$ | $2.8 \%$ | $10.6 \%$ | $5.7 \%$ | $15.4 \%$ |
| World (FTSE All World) | $0.0 \%$ | $21.4 \%$ | $7.9 \%$ | $12.4 \%$ | $15.1 \%$ | $8.8 \%$ | $9.3 \%$ |
| World ex UK (Developed) | $1.1 \%$ | $23.9 \%$ | $9.8 \%$ | $13.7 \%$ | $15.8 \%$ | $9.5 \%$ | $8.9 \%$ |
| PROPERTY | $2.2 \%$ | $4.1 \%$ | $4.8 \%$ | $9.1 \%$ | $23.9 \%$ | $-25.6 \%$ | $15.4 \%$ |

BONDS \& CASH

| UK Gilts (Over 15 Years) | -5.9\% | -4.6\% | 10.4\% | 7.8\% | 7.9\% | 8.5\% | 5.9\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UK Gilts (All Stocks) | -3.8\% | -2.4\% | 6.4\% | 5.3\% | 5.6\% | 7.1\% | 5.3\% |
| UK Index Linked (AII) | -6.5\% | 2.4\% | 8.2\% | 8.4\% | 8.6\% | 6.9\% | 6.9\% |
| Cash | 0.1\% | 0.5\% | 0.6\% | 0.6\% | 0.5\% | 0.9\% | 2.8\% |
| Corporate (All Inv Grade) | -2.8\% | 8.1\% | 8.0\% | 7.4\% | 10.2\% | 7.3\% | 5.0\% |
| Corporate (AAA) | -3.6\% | -0.2\% | 5.2\% | 4.6\% | 5.9\% | 4.3\% | 3.6\% |
| Corporate (AA) | -3.2\% | 3.0\% | 11.0\% | 4.7\% | 13.8\% | 0.6\% | 0.2\% |
| Corporate (A) | -3.2\% | 5.7\% | 7.7\% | 6.0\% | 18.7\% | -10.4\% | 0.7\% |
| Corporate (BBB) | -2.3\% | 12.9\% | 6.5\% | 7.7\% | 25.7\% | 2.1\% | 2.9\% |
| OTHER |  |  |  |  |  |  |  |
| Retail Price Index | 0.4\% | 3.3\% | 3.0\% | 3.7\% | 4.0\% | 2.9\% | 3.3\% |
| National Average Earnings | 1.6\% | 0.6\% | 0.9\% | 1.7\% | 1.7\% | 1.5\% | 2.9\% |

## MARKETS

## UK MARKET RETURNS

|  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | Equities | Property | Gilts | Corporate Bonds | Index Linked | Cash

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\% |
|  | Q2 | -1.7\% | 2.2\% | -5.9\% | -2.8\% | -6.5\% | 0.1\% |

INTERNATIONAL MARKET RETURNS

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

Highest Market Return in Year
Across Overseas Markets

INTERNATIONAL MARKET RETURNS

|  |  | World ex UK | North <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\% |

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


|  |  | UK <br> Equities \% | Overseas <br> Equities \% | Gilts \% | Index <br> Linked \% | Corporate <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 |
|  | Q2 | 3.53 | 2.60 | 3.43 | -0.03 | 4.19 | 0.29 | 6.10 |



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 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 | Q3'02- | Bloomberg (BFV GBP EURO AAA 30 Year Bond Index) |
| Cash | Return \& Yield |  | Local Authority 7-Day Deposit |
| 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 | 1994- | The AA British Insurance Premium Index |
| :--- | :--- | :--- |
| Shoparound Average Premium | 2004- | The AA British Insurance Premium Index |

## ABOUT MILLIMAN

Milliman is among the world's largest providers of actuarial and related products and services. The firm has consulting practices in healthcare, property \& casualty insurance, life insurance and financial services, and employee benefits. Founded in 1947, Milliman is an independent firm with offices in major cities around the globe. For further information, visit milliman.com.


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