## NATIONAL INSTITUTE OF ECONOMIC AND SOCIAL RESEARCH ESTIMATES OF MONTHLY GDP Embargo until 00:01 hours on $10^{\text {th }}$ March 2007

We project that the output of the economy in the three months ending in February was $0.5 \%$ higher than in the previous three months. This follows a revised figure of $0.7 \%$ for the three months ending in January. The main factors behind the slower growth of the economy are that the growth rates of both public and private sector services output seem to have been lower than they were late last year. If this pattern persists, then the pressure on the Bank of England to raise interest rates again is likely to be lower than we had anticipated a few weeks ago.

Our track record in producing early estimates of GDP suggests that our projection for the most recent three-month period has a standard error of $0.14 \%$ point when compared to the first estimate produced by the Office for National Statistics. This comparison can be made only for complete calendar quarters. Outside calendar quarters the figures are less reliable than this. A paper describing the methodology used to produce the data was published in the February 2005 volume of the Economic Journal. From April until October 2006 our estimates were computed using the Index of Services published by ONS. However this monthly series shows considerable volatility which has caused us some problems in estimating GDP. From our November 2006 press release we have therefore reverted to using a model of private services output based on indicator variables. This means that, while all our figures for calendar quarters are fully coherent with ONS data, our estimates of monthly private service output are not. The series can be thought of as indicating the underlying value of the ONS series.

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|  | Monthly Data |  | 3 months ending in month shown |  | Quarterly Growth \% per quarter |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Industry | GDP | Industry | GDP | Industry | GDP |
| Jan-06 | 98.7 | 106.7 | 98.5 | 106.6 | 0.4\% | 0.9\% |
| Feb-06 | 98.6 | 106.8 | 98.6 | 106.7 | 0.6\% | 0.7\% |
| Mar-06 | 99.3 | 107.5 | 98.9 | 107.0 | 0.8\% | 0.7\% |
| Apr-06 | 98.7 | 107.3 | 98.9 | 107.2 | 0.4\% | 0.6\% |
| May-06 | 99.2 | 108.0 | 99.1 | 107.6 | 0.4\% | 0.8\% |
| Jun-06 | 99.1 | 108.0 | 99.0 | 107.8 | 0.1\% | 0.7\% |
| Jul-06 | 99.1 | 108.2 | 99.1 | 108.1 | 0.3\% | 0.8\% |
| Aug-06 | 99.1 | 108.5 | 99.1 | 108.3 | 0.0\% | 0.6\% |
| Sep-06 | 99.5 | 108.8 | 99.2 | 108.5 | 0.2\% | 0.7\% |
| Oct-06 | 98.9 | 108.9 | 99.2 | 108.7 | 0.0\% | 0.6\% |
| Nov-06 | 99.2 | 109.4 | 99.2 | 109.0 | 0.1\% | 0.7\% |
| Dec-06 | 99.1 | 109.6 | 99.1 | 109.3 | -0.2\% | 0.8\% |
| Jan-07 | 99.1 | 109.4 | 99.1 | 109.5 | 0.0\% | 0.7\% |
| Feb-07 | 99.2 | 109.8 | 99.1 | 109.6 | -0.1\% | 0.5\% |

## Table 2: Output by Sector $(2003=100)$

|  |  |  |  | Private | Public |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Industry | Agriculture | Construction | Services | Services | GDP(B) | GDP |  |
| Jan-06 | 98.7 | 100.6 | 105.5 | $I 10.5$ | 105.5 | 106.7 | 106.7 |
| Feb-06 | 98.6 | 100.3 | 105.8 | 110.9 | 105.4 | 106.8 | 106.8 |
| Mar-06 | 99.3 | 100.0 | 106.1 | 111.6 | 106.0 | 107.5 | 107.5 |
| Apr-06 | 98.7 | 99.5 | 106.2 | 111.7 | 105.8 | 107.3 | 107.3 |
| May-06 | 99.2 | 99.2 | 106.3 | 112.8 | 106.0 | 108.0 | 108.0 |
| Jun-06 | 99.1 | 99.2 | 106.5 | 112.7 | 106.2 | 108.0 | 108.0 |
| Jul-06 | 99.1 | 99.4 | 106.7 | 113.1 | 106.1 | 108.2 | 108.2 |
| Aug-06 | 99.1 | 99.4 | 107.0 | 113.4 | 106.5 | 108.5 | 108.5 |
| Sep-06 | 99.5 | 99.4 | 107.3 | 113.6 | 106.8 | 108.8 | 108.8 |
| Oct-06 | 98.9 | 99.2 | 107.8 | 114.0 | 107.1 | 109.0 | 108.9 |
| Nov-06 | 99.2 | 99.1 | 108.0 | 114.9 | 107.0 | 109.5 | 109.4 |
| Dec-06 | 99.1 | 99.0 | 108.2 | 115.1 | 107.1 | 109.7 | 109.6 |
| Jan-07 | 99.1 | 99.0 | 108.2 | 114.9 | 107.2 | 109.6 | 109.4 |
| Feb-07 | 99.2 | 99.0 | 108.2 | 115.5 | 107.2 | 109.9 | 109.8 |

## Table 3: Output in Quarter Ending in Month Shown (2003=100)

|  |  |  |  | Private | Public |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| Industry | Agriculture | Construction | Services | Services | GDP(B) | GDP |  |
| Jan-06 | 98.5 | 100.8 | 105.1 | 110.5 | 105.2 | 106.6 | 106.6 |
| Feb-06 | 98.6 | 100.6 | 105.5 | 110.6 | 105.4 | 106.8 | 106.7 |
| Mar-06 | 98.9 | 100.3 | 105.8 | 111.0 | 105.6 | 107.0 | 107.0 |
| Apr-06 | 98.9 | 99.9 | 106.0 | 111.4 | 105.7 | 107.2 | 107.2 |
| May-06 | 99.1 | 99.6 | 106.2 | 112.0 | 105.9 | 107.6 | 107.6 |
| Jun-06 | 99.0 | 99.3 | 106.3 | 112.4 | 106.0 | 107.8 | 107.8 |
| Jul-06 | 99.1 | 99.3 | 106.5 | 112.9 | 106.1 | 108.1 | 108.1 |
| Aug-06 | 99.1 | 99.3 | 106.7 | 113.1 | 106.3 | 108.2 | 108.3 |
| Sep-06 | 99.2 | 99.4 | 107.0 | 113.4 | 106.5 | 108.5 | 108.5 |
| Oct-06 | 99.2 | 99.3 | 107.4 | 113.7 | 106.8 | 108.8 | 108.7 |
| Nov-06 | 99.2 | 99.2 | 107.7 | 114.2 | 107.0 | 109.1 | 109.0 |
| Dec-06 | 99.1 | 99.1 | 108.0 | 114.7 | 107.1 | 109.4 | 109.3 |
| Jan-07 | 99.1 | 99.0 | 108.1 | 115.0 | 107.1 | 109.6 | 109.5 |
| Feb-07 | 99.1 | 99.0 | 108.2 | 115.2 | 107.2 | 109.7 | 109.6 |

## Table 4: Growth in Quarter Ending in Month Shown over Previous Quarter (\% at annual Rate)

|  |  |  |  | Private | Public <br> Services | GDP(B) | GDP |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Industry | Agriculture | Construction | Services | San-06 | I.8\% | $-1.2 \%$ |
| Seb-06 | $2.5 \%$ | $-1.6 \%$ | $1.0 \%$ | $6.2 \%$ | $1.8 \%$ | $3.9 \%$ | $3.7 \%$ |
| Mar-06 | $3.2 \%$ | $-2.4 \%$ | $3.9 \%$ | $3.7 \%$ | $2.3 \%$ | $2.7 \%$ | $2.8 \%$ |
| Apr-06 | $1.6 \%$ | $-3.3 \%$ | $3.6 \%$ | $3.5 \%$ | $2.7 \%$ | $2.7 \%$ | $3.0 \%$ |
| May-06 | $1.8 \%$ | $-4.0 \%$ | $2.7 \%$ | $3.3 \%$ | $2.0 \%$ | $2.1 \%$ | $2.5 \%$ |
| Jun-06 | $0.5 \%$ | $-3.9 \%$ | $1.9 \%$ | $5.2 \%$ | $2.1 \%$ | $3.3 \%$ | $3.4 \%$ |
| Jul-06 | I.1\% | $-2.6 \%$ | $1.7 \%$ | $5.5 \%$ | $1.5 \%$ | $3.0 \%$ | $3.0 \%$ |
| Aug-06 | 0.1\% | $-0.9 \%$ | $2.1 \%$ | $3.8 \%$ | $1.6 \%$ | $3.4 \%$ | $3.4 \%$ |
| Sep-06 | $0.9 \%$ | $0.4 \%$ | $2.7 \%$ | $3.5 \%$ | $1.4 \%$ | $2.4 \%$ | $2.4 \%$ |
| Oct-06 | $0.1 \%$ | $0.3 \%$ | $3.3 \%$ | $2.8 \%$ | $2.7 \%$ | $2.6 \%$ | $2.6 \%$ |
| Nov-06 | $0.4 \%$ | $-0.5 \%$ | $3.8 \%$ | $3.8 \%$ | $2.7 \%$ | $3.2 \%$ | $2.4 \%$ |
| Dec-06 | $-0.7 \%$ | $-1.2 \%$ | $3.8 \%$ | $4.6 \%$ | $2.3 \%$ | $3.4 \%$ | $3.9 \%$ |
| Jan-07 | $-0.1 \%$ | $-1.2 \%$ | $3.0 \%$ | $4.6 \%$ | $1.1 \%$ | $3.0 \%$ | $2.0 \%$ |
| Feb-07 | $-0.3 \%$ | $-0.8 \%$ | $1.8 \%$ | $3.6 \%$ | $0.7 \%$ | $2.2 \%$ | $2.0 \%$ |

## ENDS

