Office for National Statistics

Statistical Bulletin

UK output, income and expenditure

3rd quarter 2009

Date: 25 November 2009
Coverage: United Kingdom **Theme:** The Economy

UK gross domestic product (GDP) in volume terms fell by 0.3 per cent compared with the previous quarter, revised from a fall of 0.4 per cent published last month.

The volume of output in the production industries fell by 0.8 per cent, within which manufacturing fell by 0.1 per cent. Gross value added excluding oil and gas fell by 0.2 per cent over the quarter.

Output of the service industries decreased by 0.1 per cent (Table B1).

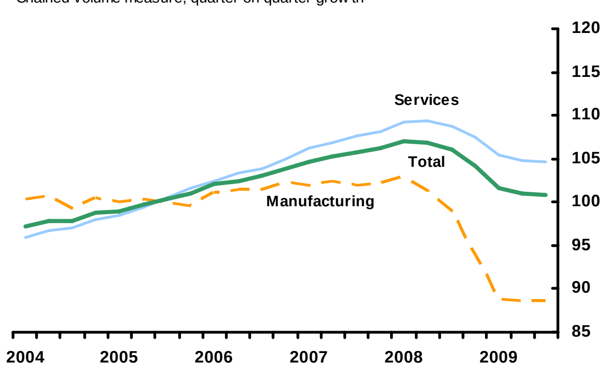
Construction output is estimated to have fallen by 1.1 per cent (Table B1).

In real terms, household expenditure was broadly unchanged from the level of the previous quarter, while gross fixed capital formation fell by 0.3 per cent (Table C2).

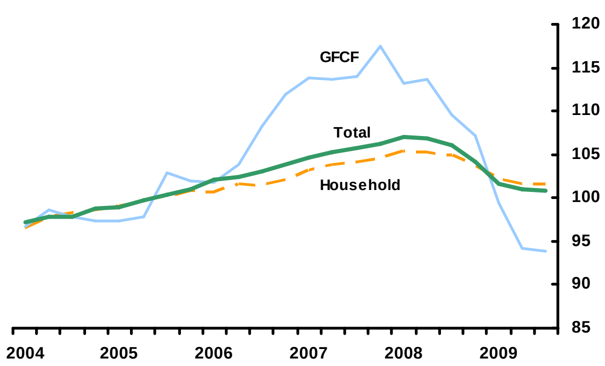
GDP at current market prices rose by 1.0 per cent (Table A1).

		At current market prices		Chain volume measures		
		Gross domestic product	Compensation of employees	Gross domestic product	Household expenditure	Gross fixed capital formation
Percentage change on previous quarter: seasonally adjusted						
2008	Q1	2.3	1.3	0.6	0.8	-3.6
	Q2	0.0	0.3	-0.1	-0.1	0.5
	Q3	-0.3	0.2	-0.7	-0.3	-3.6
	Q4	-0.7	-0.8	-1.8	-1.2	-2.2
2009	Q1	-3.0	-0.4	-2.5	-1.5	-7.3
	Q2	-0.6	0.8	-0.6	-0.6	-5.2
	Q3	1.0	-0.4	-0.3	0.0	-0.3

Output
Chained volume measure, quarter on quarter growth



Expenditure
Chained volume measure, quarter on quarter growth



GDP analysed by output categories, chained volume measures (Tables B1 and B2)
See Annex A for growth rates back to 2008 Q3

Production output fell by 0.8 per cent in 2009 Q3, in comparison with the fall of 0.5 per cent in the previous quarter and is down 10.5 per cent compared with 2008 Q3.

Mining and quarrying output fell by 4.7 per cent, driven by a decline in oil and gas extraction. This compares with a decline of 0.6 per cent in 2009 Q2. This component contributed 0.1 per cent to the decline in GDP in the latest quarter.

Manufacturing output fell by 0.1 per cent in 2009 Q3. Substantial increases in production of motor vehicles were offset by continued declines in paper and publishing, and manufacturing of machinery and equipment.

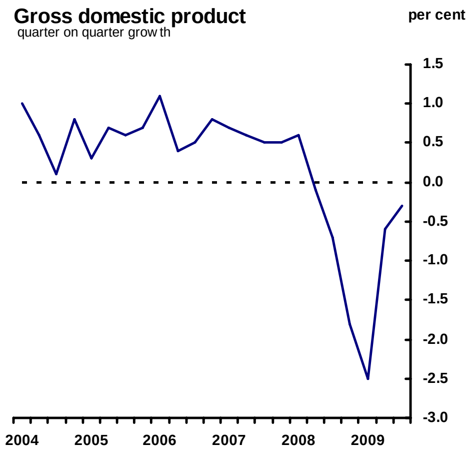
Electricity, gas and water continued to decline with output falling by 0.8 per cent over the quarter.

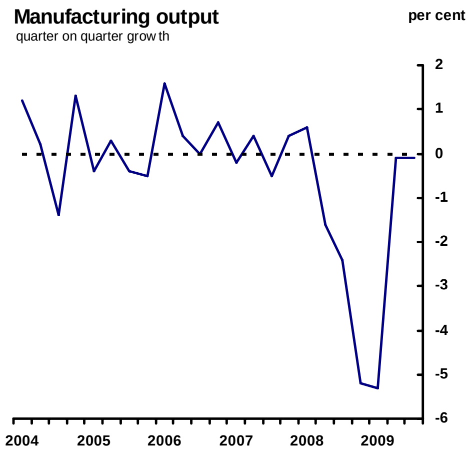
Construction output is estimated to have fallen by 1.1 per cent, compared with a fall of 0.8 per cent in the previous quarter.

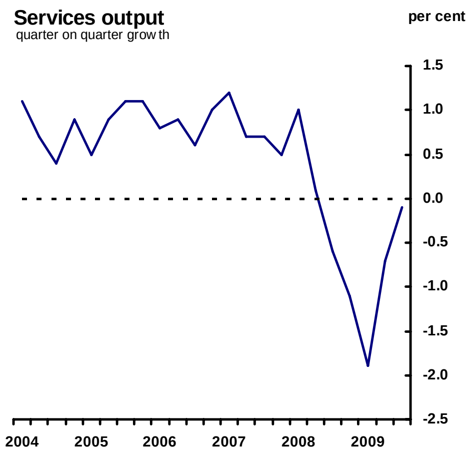
Services output fell by 0.1 per cent, compared with the decline of 0.6 per cent in the previous quarter.

The output of the distribution, hotels and catering industries rose by 0.3 per cent over the quarter compared with a decline of 0.4 per cent in 2009 Q2. There was a recovery in motor trades which was supported by additional registrations as a result of the Government's car scrappage scheme. There was continued growth in retail trade, although activity in hotels and restaurants continued to decline.

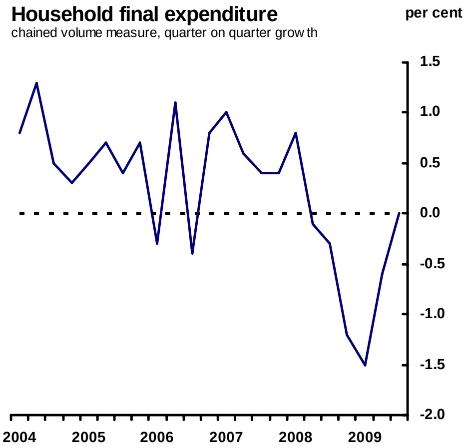
The transport, storage and communication industries rose by 0.5 per cent, compared with a decline of 1.8 per cent in 2009 Q2. The rise was driven by a recovery in land and water transport, while air transport continued to show increasing activity.







The business services and finance industries declined by 0.3 per cent, compared with a fall of 0.7 per cent in 2009 Q2. While there was a continued decline in output of financial services, this was partly offset by increases in computer services, management consultancy, legal and architectural services.

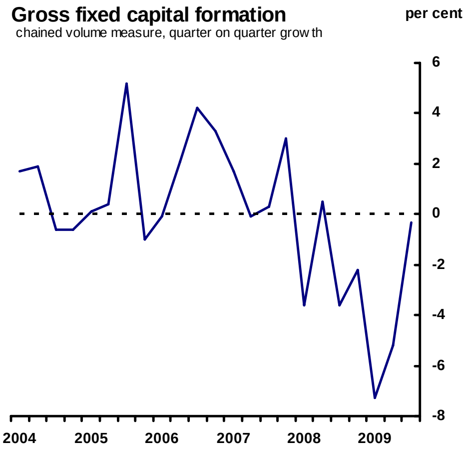


Government and other services fell by 0.2 per cent over the quarter. Health and social services increased by 0.8 per cent. Education services output was down by 0.6 per cent as a result of a decline in private sector education and training. Other services fell by 1.1 per cent largely as a result of a reduction in output of recreational services.

GDP analysed by expenditure categories, chained volume measures (Table C2)

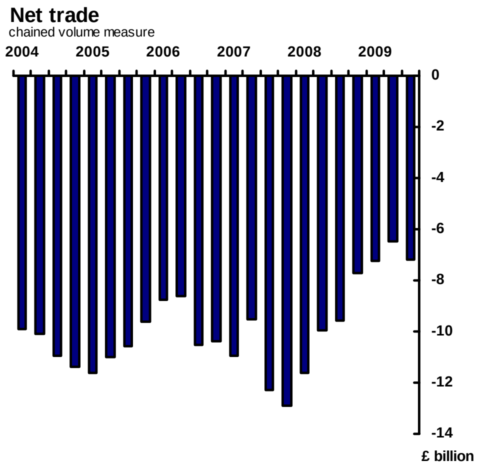
See Annex B for growth rates back to 2008 Q3

Growth in household expenditure remained flat over the quarter, compared with a fall of 0.6 per cent in 2009 Q2. There was a strong increase in expenditure on motor vehicles and higher spending on recreational goods and services. These increases were offset by reductions in spending on clothing and footwear, energy, and restaurants and hotels.



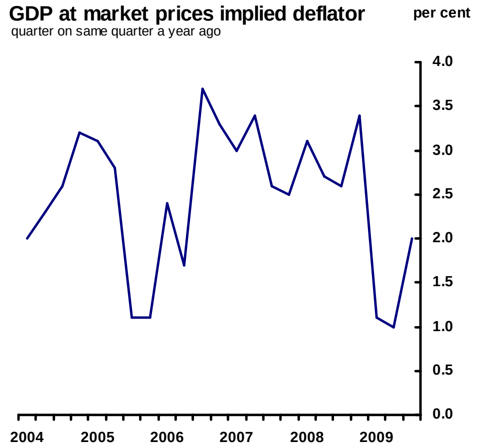
Government expenditure rose by 0.2 per cent and the volume of spending is now 1.9 per cent higher than in the same quarter of 2008.

Gross fixed capital formation fell by 0.3 per cent, following a fall of 5.2 per cent in 2009 Q2. There was a significant increase in government investment, while business investment fell by 3.0 per cent. The level of gross fixed capital formation is now 14.3 per cent below the same quarter of 2008.



The level of inventories, including the alignment adjustment, fell by £4.1 billion in the latest quarter, with continued declines in manufacturing, wholesale, construction and motor vehicle inventories. The alignment adjustment had a positive contribution to growth in the quarter, as expenditure fell faster than output.

The deficit in net trade increased to £7.2 billion from £6.5 billion in 2009 Q2, trimming GDP growth by 0.2 per cent as imports rose faster than exports.



Exports of goods rose by 2.4 per cent. The main contributors to this rise were motor vehicles and chemicals. Imports of goods rose by 3.2 per cent, due mainly to motor vehicles, fuels, intermediate goods, and capital goods.

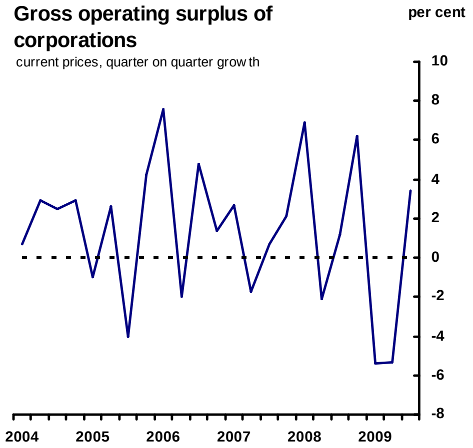
Exports of services fell by 2.1 per cent on the quarter due largely to reductions in travel to the UK and reduced earnings from royalties and license fees. Imports of services decreased by 3.7 per cent; driven by reductions in spending abroad.

GDP deflator
See Annex D for growth rates back to 2008 Q3

The GDP implied deflator is 2.0 per cent above the same quarter of 2008, up from 1.1 per cent in the previous quarter, reflecting higher fuel and heating costs.

GDP analysed by income categories at current prices (Table D)
See Annex C for growth rates back to 2008 Q3

Compensation of employees decreased by 0.4 per cent in 2009 Q3, compared with an increase of 0.8 per cent in the previous quarter. This reflects flat earnings growth and declining employment over the quarter. Compensation of employees was 0.9 per cent below the same quarter of 2008, the biggest decline on record.



The gross operating surplus of corporations increased by 3.2 per cent, compared with a fall of 5.3 per cent in 2009 Q2. There were increases in profits earned by financial corporations.

Taxes less subsidies on production increased by 3.4 per cent in 2009 Q3.

Nominal GDP expressed at current prices (Tables A1 and A2)
Nominal GDP increased by 1.0 per cent in 2009 Q3, compared with a fall of 0.6 per cent in 2009 Q2.

REVISIONS

GDP and components (previously published on 23 October 2009)

See Annex E for growth rate revisions to 2009Q3

GDP growth for quarter three of 2009 has been revised to show a fall of 0.3 per cent compared with a decrease of 0.4 per cent published last month. Compared with the same quarter of 2008, GDP now shows a fall of 5.1 per cent from a fall of 5.2 per cent published last month.

Growth in the volume of output in the production industries in quarter three of 2009 has been revised down to show a fall of 0.8 per cent from a fall of 0.7 per cent published in October. Manufacturing output was revised up to show a fall of 0.1 per cent from a fall of 0.2 per cent published last month.

Growth in the volume of output in the service industries in quarter three of 2009 has been revised up to show a fall of 0.1 per cent, from a fall of 0.2 per cent published in October. There were upward revisions to output of distribution and transport services since the preliminary release as a result of more complete survey returns.

Summary of statistics for 2009 Q3, quarter on quarter growth

GDP Headline	
GDP at market prices, chained volume measure	0.3% fall in Q3, compared with a fall of 0.6% in Q2. Growth was last positive in 2008 Q1 (0.6%).
GDP at current market prices	1.0% rise in Q3, compared with a fall of 0.6% in Q2. Largest rise since 2008 Q1 (2.3%).
GDP at market prices implied deflator	1.3% rise in Q3, compared with 0.0% growth in Q2. Largest rise since 2008 Q1 (1.7%).
GDP – Output measure	
Index of production, chained volume measure	0.8% fall in Q3, compared with a fall of 0.5% in Q2. Growth was last positive in 2007 Q4 (0.5%).
Construction, chained volume measure	1.1% fall in Q3, compared with a fall of 0.8% in Q2. Growth was last positive in 2008 Q1 (0.9%).
Index of services, chained volume measure	0.1% fall in Q3, compared with a fall of 0.6% in Q2. Growth was last positive in 2008 Q2 (0.1%).
GDP – Expenditure measure	
Household consumption, chained volume measure	0.0% growth in Q3, compared with a fall of 0.6% in Q2. Growth was last positive in 2008 Q1 (0.8%).
Government consumption, chained volume measure	0.2% rise in Q3, compared with a rise of 0.6% in Q2.
Gross fixed capital consumption, chained volume measure	0.3% fall in Q3, compared with a fall of 5.2% in Q2. Growth was last positive in 2008 Q2 (0.5%).
Exports of goods and services, chained volume measure	0.5% rise in Q3, compared with a fall of 1.4% in Q2. Growth was last positive in 2008 Q2 (0.8%).
Imports of goods and services, chained volume measure	1.3% rise in Q3, compared with a fall of 2.2% in Q2. Growth was last positive in 2007 Q4 (0.6%).
GDP – Income measure	
Compensation of employees, current prices	0.4% fall in Q3, compared with a rise of 0.8% in Q2.
Gross operating surplus of corporations, current prices	3.2% rise in Q3, compared with a fall of 5.3% in Q2.

Background Notes

Release policy

1. This release includes data available up to 17 November 2009. Data are consistent with the Index of Production Statistical Bulletin published on 5 November 2009 and the UK Trade Statistical Bulletin published on 10 November 2009.

2. A full set of quarterly national accounts for the third quarter of 2009 will be published on 22 December 2009. The preliminary estimate of GDP for the fourth quarter of 2009 will be published on 26 January 2010.

Basic Quality Information for GDP Statistical Bulletin

Summary Quality reports

3. A Summary Quality Report for this Statistical Bulletin can be found on the National Statistics website at:

   http://www.statistics.gov.uk/cci/article.asp?ID=1180

Key quality issues

4. *Common pitfalls in interpreting series:* Expectations of accuracy and reliability in early estimates are often too high. Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. Early estimates are based on incomplete data.

   Very few statistical revisions arise as a result of 'errors' in the popular sense of the word. All estimates, by definition, are subject to statistical 'error' but in this context the word refers to the uncertainty inherent in any process or calculation that uses sampling, estimation or modelling. Most revisions reflect either the adoption of new statistical techniques, or the incorporation of new information which allows the statistical error of previous estimates to be reduced. Only rarely are there avoidable 'errors' such as human or system failures, and such mistakes are made quite clear when they do occur.

Reliability

5. Estimates for the most recent quarters are provisional and, as usual, are subject to revision in the light of updated source information. ONS currently provides an analysis of past revisions in the GDP and other Statistical Bulletins which present time series. Details can be found at:

   http://www.statistics.gov.uk/cci/article.asp?ID=793

   ONS has a webpage dedicated to revisions to economic statistics which brings together ONS work on revisions analysis, linking to articles, revisions policies and key documentation from the Statistics Commission's report on revisions. The webpage can be found at:

   http://www.statistics.gov.uk/about_ns/economic_revisions.asp

6. Revisions to data provide one indication of the reliability of key indicators. The tables below show summary information on the size and direction of the revisions which have been made to data covering a five-year period. A statistical test has been applied to the average revision to find out if it is statistically significantly different from zero. An asterisk (*) shows that the test is significant. The data used are consistent with that used in more detailed analysis published in Economic & Labour Market Review, the latest of which was published on 12 November 2007 and can be found at:

   http://www.statistics.gov.uk/cci/article.asp?ID=1888

7. Table 1 below shows the revisions to month 1 and month 2 estimates of GDP. The analysis of revisions between month 1 and month 2 uses month 2 estimates published from November 2004 (2004q3) to August 2009 (2009q2). The analysis of revisions between month 2 and month 3 uses month 3 estimates published from December 2004 (2004q3) to September 2009 (2009q2).

Table 1: Revisions to month 1 and month 2 estimates of GDP growth

Revisions to GDP growth	GDP growth in latest period (per cent)	Revisions between early estimates of GDP growth (quarterly, CVM)	
		Average over the last five years	Average over the last five years without regard to sign (average absolute revision)
Between M1 and M2	-0.3	-0.01	0.03
Between M2 and M3	-0.3	-0.04	0.07

Table 2 below shows the revisions to GDP growth between the estimate published three months after the end of the quarter and the equivalent estimate three years later. The analysis uses month 3 estimates first published from December 2001 (2001q3) to September 2006 (2006q2) for GDP.

Table 2: Revisions to month 3 estimates of GDP growth

	GDP growth in latest period (per cent)	Revisions between first publication and estimates three years later	
		Average over the last five years	Average over the last five years without regard to sign (average absolute revision)
GDP growth (quarterly, CVM)	-0.3	0.05	0.17

Spreadsheets giving revisions triangles (real time databases) of estimates from 1992 to date, and the calculations behind the averages in both tables are available on the National Statistics website at:

http://www.statistics.gov.uk/statbase/Product.asp?vlnk=13560&More=n

Revisions triangles for the main components of GDP from expenditure, output and income approaches are also available at the link above.

An article by E George and D Obuwa 'National Accounts' Revisions Analyses: A summary to April 2005' is available on the National Statistics website at:

http://www.statistics.gov.uk/cci/article.asp?ID=1140

This article presents a summary of revisions analyses published to date in ONS First Releases, including some more detailed analysis of revisions to GDP.

Further information

8. Latest copies of this and other ONS releases as well as additional briefing are available under Press Releases on the National Statistics website:

   http://www.statistics.gov.uk/press_Release/CurrentReleases.asp

   More information underlying the National Accounts can be found at:

   http://www.statistics.gov.uk/CCI/nscl.asp?ID=5871

9. Details of the policy governing the release of new data are available from the press office. Also available is a list of the names of those given pre-publication access to the contents of this bulletin.

10. **National Statistics** are produced to high professional standards set out in the Code of Practice for Official Statistics. They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from any political interference.

Annex A - growth and contributions to growth – output components

Quarter-on-quarter percentage growths of the output components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Agriculture	-0.5	-1.5	-0.8	-2.9	-2.5
Total Production	-2.2	-4.5	-5.1	-0.5	-0.8
Manufacturing	-2.3	-5.1	-5.4	-0.1	-0.1
Extraction	-1.8	-2.5	-3.7	-0.6	-4.7
Utilities	-1.3	-1.9	-3.8	-3.6	-0.8
Construction	-1.6	-4.8	-6.9	-0.8	-1.1
Total Services	-0.7	-1.2	-1.9	-0.6	-0.1
Distn, hotels & catering	-2.6	-2.8	-1.1	-0.4	0.3
Transport, storage & comms	-0.6	-1.5	-3.2	-1.8	0.5
Business services & finance	-0.6	-0.8	-2.9	-0.7	-0.3
Government & other	0.4	-0.6	-0.4	-0.2	-0.2

Quarter-on-quarter contribution to growth rates of the output components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Agriculture	0.0	0.0	0.0	0.0	0.0
Total Production	-0.3	-0.7	-0.8	-0.1	-0.1
Manufacturing	-0.3	-0.6	-0.6	0.0	0.0
Extraction	0.0	0.0	-0.1	0.0	-0.1
Utilities	0.0	0.0	-0.1	0.0	0.0
Construction	-0.1	-0.3	-0.4	0.0	-0.1
Total Services	-0.5	-0.9	-1.5	-0.5	-0.1
Distn, hotels & catering	-0.4	-0.4	-0.2	-0.1	0.0
Transport, storage & comms	0.0	-0.1	-0.2	-0.1	0.0
Business services & finance	-0.2	-0.2	-1.0	-0.2	-0.1
Government & other	0.1	-0.1	-0.1	-0.1	0.0

Components may not sum to totals due to rounding

Growth of quarter on same quarter of previous year for the output components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Agriculture	1.7	-0.4	-0.7	-5.6	-7.5
Total Production	-3.2	-8.0	-12.4	-11.7	-10.5
Manufacturing	-2.9	-8.3	-13.7	-12.4	-10.5
Extraction	-6.6	-8.6	-8.1	-8.3	-11.1
Utilities	-0.2	-4.5	-6.8	-10.1	-9.7
Construction	-0.3	-5.8	-13.1	-13.4	-13.0
Total Services	0.9	-0.7	-3.5	-4.2	-3.7
Distn, hotels & catering	-2.3	-5.3	-7.0	-6.7	-4.0
Transport, storage & comms	2.5	0.1	-4.7	-7.0	-5.9
Business services & finance	1.4	0.3	-3.7	-4.9	-4.7
Government & other	1.9	0.7	-0.5	-0.8	-1.4

Contribution to growth of quarter on same quarter of previous year for the output components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Agriculture	0.0	0.0	0.0	0.0	0.0
Total Production	-0.5	-1.3	-2.0	-1.9	-1.6
Manufacturing	-0.4	-1.1	-1.7	-1.6	-1.3
Extraction	-0.1	-0.2	-0.2	-0.2	-0.2
Utilities	0.0	-0.1	-0.1	-0.1	-0.1
Construction	0.0	-0.4	-0.8	-0.8	-0.8
Total Services	0.7	-0.5	-2.7	-3.3	-2.9
Distn, hotels & catering	-0.3	-0.8	-1.0	-1.0	-0.6
Transport, storage & comms	0.2	0.0	-0.3	-0.5	-0.4
Business services & finance	0.4	0.1	-1.2	-1.6	-1.5
Government & other	0.4	0.2	-0.1	-0.2	-0.3

Components may not sum to totals due to rounding

Annual growth rates of the output components of GDP

Component	2004	2005	2006	2007	2008
Agriculture	0.0	7.6	0.7	-4.8	0.1
Total Production	1.1	-1.3	0.0	0.3	-3.1
Manufacturing	2.2	-0.2	1.6	0.6	-2.9
Extraction	-7.6	-8.9	-7.9	-1.5	-6.6
Utilities	1.0	-0.3	-0.5	0.2	0.1
Construction	3.3	1.1	1.1	2.7	-0.4
Total Services	3.5	3.1	3.6	3.5	1.4
Distn, hotels & catering	5.4	1.5	3.4	3.1	-1.1
Transport, storage & comms	4.7	3.7	2.4	3.5	1.7
Business services & finance	4.3	5.1	6.0	5.5	2.5
Government & other	0.8	1.4	1.0	1.0	1.3

Annual contribution to growth rates of the output components of GDP

Component	2004	2005	2006	2007	2008
Agriculture	0.0	0.0	0.0	0.0	0.0
Total Production	0.2	-0.2	0.0	0.0	-0.5
Manufacturing	0.3	0.0	0.2	0.1	-0.4
Extraction	-0.2	-0.2	-0.2	0.0	-0.1
Utilities	0.0	0.0	0.0	0.0	0.0
Construction	0.2	0.1	0.1	0.2	0.0
Total Services	2.6	2.4	2.7	2.7	1.1
Distn, hotels & catering	0.8	0.2	0.5	0.5	-0.2
Transport, storage & comms	0.3	0.3	0.2	0.3	0.1
Business services & finance	1.3	1.5	1.8	1.7	0.8
Government & other	0.2	0.3	0.2	0.2	0.3

Components may not sum to totals due to rounding

Annex B – growth and contributions to growth – expenditure components

Quarter-on-quarter growths of the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	-0.3	-1.2	-1.5	-0.6	0.0
NPISH Final Consumption Expenditure	-0.8	-1.3	-3.2	-2.5	-2.0
General Government Final Consumption Expenditure	0.5	1.0	0.1	0.6	0.2
Gross Capital Formation	-3.8	-10.0	-10.3	-3.5	-0.5
- of which GFCF	*-3.6*	*-2.2*	*-7.3*	*-5.2*	*-0.3*
Exports	-1.0	-4.0	-7.1	-1.4	0.5
less Imports	-1.3	-5.5	-7.0	-2.2	1.3

Quarter-on-quarter contribution to growth of the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	-0.2	-0.7	-0.9	-0.4	0.0
NPISH Final Consumption Expenditure	0.0	0.0	-0.1	-0.1	0.0
General Government Final Consumption Expenditure	0.1	0.2	0.0	0.1	0.1
Gross Capital Formation	-0.7	-1.8	-1.7	-0.5	-0.1
- of which GFCF	*-0.6*	*-0.4*	*-1.3*	*-0.9*	*0.0*
Exports	-0.3	-1.1	-1.9	-0.4	0.1
less Imports	-0.4	-1.7	-2.0	-0.6	0.3
Net trade	0.1	0.6	0.1	0.2	-0.2

Components may not sum to totals due to rounding

Growth of quarter on same quarter of previous year for the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	0.7	-0.8	-3.1	-3.6	-3.2
NPISH Final Consumption Expenditure	3.8	-0.7	-4.0	-7.6	-8.7
General Government Final Consumption Expenditure	2.2	3.1	2.3	2.2	1.9
Gross Capital Formation	-7.1	-18.1	-25.0	-25.1	-22.5
- of which GFCF	*-3.9*	*-8.7*	*-12.2*	*-17.2*	*-14.3*
Exports	0.6	-3.5	-11.0	-13.0	-11.7
less Imports	-2.1	-8.0	-14.0	-15.1	-12.9

Contribution to growth of quarter on same quarter of previous year for the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	0.4	-0.5	-1.9	-2.2	-2.0
NPISH Final Consumption Expenditure	0.1	0.0	-0.1	-0.2	-0.2
General Government Final Consumption Expenditure	0.5	0.6	0.5	0.5	0.4
Gross Capital Formation	-1.4	-3.5	-4.7	-4.5	-3.9
- of which GFCF	*-0.7*	*-1.6*	*-2.2*	*-3.1*	*-2.5*
Exports	0.2	-0.9	-3.0	-3.6	-3.2
less Imports	-0.6	-2.5	-4.3	-4.6	-3.9
Net trade	0.8	1.5	1.3	1.0	0.7

Components may not sum to totals due to rounding

Annual growth rates of the expenditure components of GDP

Component	2004	2005	2006	2007	2008
Household Final Consumption Expenditure	3.2	2.3	1.5	2.5	0.9
NPISH Final Consumption Expenditure	-0.1	0.0	3.4	-5.7	3.0
General Government Final Consumption Expenditure	3.0	2.0	1.6	1.2	2.5
Gross Capital Formation	5.6	2.0	6.8	8.5	-5.2
- of which GFCF	*5.1*	*2.4*	*6.5*	*7.8*	*-3.3*
Exports	5.0	7.9	11.3	-2.8	1.0
less Imports	6.9	7.1	8.8	-0.7	-0.8

Annual contribution to growth rates of the expenditure components of GDP

Component	2004	2005	2006	2007	2008
Household Final Consumption Expenditure	2.0	1.4	0.9	1.5	0.5
NPISH Final Consumption Expenditure	0.0	0.0	0.1	-0.1	0.1
General Government Final Consumption Expenditure	0.7	0.4	0.3	0.2	0.5
Gross Capital Formation	0.9	0.3	1.2	1.5	-1.0
- of which GFCF	*0.8*	*0.4*	*1.1*	*1.3*	*-0.6*
Exports	1.2	2.0	3.0	-0.8	0.3
less Imports	1.9	2.0	2.6	-0.2	-0.3
Net trade	-0.7	0.0	0.4	-0.6	0.5

Components may not sum to totals due to rounding

Annex C – growth and contributions to growth – income components

Quarter-on-quarter growth rates of the income components of GDP at current prices

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Compensation of Employees	0.2	-0.8	-0.4	0.8	-0.4
GOS of corporations	1.2	6.2	-5.4	-5.3	3.2
Other income	0.0	-7.9	-4.7	-0.3	1.6
Taxes less subsidies on products and production	-5.6	-5.7	-7.3	3.1	3.4

Quarter-on-quarter contribution to growth of the income components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Compensation of Employees	0.1	-0.5	-0.2	0.4	-0.2
GOS of corporations	0.3	1.4	-1.3	-1.3	0.7
Other income	0.0	-1.0	-0.5	0.0	0.2
Taxes less subsidies on products and production	-0.7	-0.7	-0.8	0.3	0.4

Components may not sum to totals due to rounding

Growth of quarter on same quarter of previous year for the income components of GDP at current prices

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Compensation of Employees	2.6	0.9	-0.8	-0.4	-0.9
GOS of corporations	8.2	12.5	-0.4	-3.7	-1.8
Other income	0.3	-7.9	-12.0	-12.5	-11.1
Taxes less subsidies on products and production	-2.7	-8.1	-15.1	-14.8	-6.8

Contribution to growth of quarter on same quarter of previous year for the income components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Compensation of Employees	1.4	0.5	-0.4	-0.2	-0.5
GOS of corporations	1.8	2.8	-0.1	-0.8	-0.4
Other income	0.0	-1.0	-1.5	-1.5	-1.3
Taxes less subsidies on products and production	-0.3	-1.0	-1.8	-1.8	-0.8

Components may not sum to totals due to rounding

Annual growth rates of the income components of GDP

Component	2004	2005	2006	2007	2008
Compensation of Employees	4.8	4.8	4.6	5.4	3.2
GOS of corporations	6.2	4.0	10.7	5.2	9.1
Other income	8.0	4.7	2.7	6.5	-0.5
Taxes less subsidies on products and production	5.3	1.7	5.2	5.7	-1.4

Annual contribution to growth rates of the income components of GDP

Component	2004	2005	2006	2007	2008
Compensation of Employees	2.6	2.6	2.5	2.9	1.7
GOS of corporations	1.3	0.9	2.3	1.2	2.0
Other income	1.0	0.6	0.3	0.8	-0.1
Taxes less subsidies on products and production	0.7	0.2	0.6	0.7	-0.2

Components may not sum to totals due to rounding

Annex D – growth and contributions to growth – implied GDP deflators

Quarter-on-quarter deflator growth for the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	1.3	-0.3	-0.3	0.4	1.0
NPISH Final Consumption Expenditure	1.0	0.2	0.2	2.3	0.7
General Government Final Consumption Expenditure	-0.1	1.3	0.7	0.8	1.1
Gross Capital Formation	0.3	0.5	0.7	0.7	0.0
- of which GFCF	*-0.1*	*0.6*	*0.8*	*-0.1*	*-0.5*
Exports	1.0	3.0	-0.5	-2.5	0.7
less Imports	2.4	0.0	1.6	-0.2	-0.9

Quarter-on-quarter contribution to growth of the expenditure components to the GDP(E) deflator

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	0.8	-0.1	-0.2	0.3	0.6
NPISH Final Consumption Expenditure	0.0	0.0	0.0	0.1	0.0
General Government Final Consumption Expenditure	0.0	0.3	0.2	0.2	0.3
Gross Capital Formation	0.1	0.1	0.1	0.1	0.0
- of which GFCF	*0.0*	*0.1*	*0.1*	*0.0*	*-0.1*
Exports	0.3	0.9	-0.1	-0.7	0.2
less Imports	-0.8	0.0	-0.5	0.1	0.3
Net trade	-0.5	0.9	-0.6	-0.6	0.5

Components may not sum to totals due to rounding

Quarter-on-same-quarter of previous year deflator growth for the expenditure components of GDP

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	3.7	2.7	1.4	1.0	0.7
NPISH Final Consumption Expenditure	6.6	6.8	2.9	3.7	3.4
General Government Final Consumption Expenditure	2.5	4.2	0.8	2.8	4.0
Gross Capital Formation	-0.4	1.4	0.3	2.2	2.0
- of which GFCF	*-0.3*	*1.2*	*0.6*	*1.2*	*0.9*
Exports	14.0	13.5	8.8	0.9	0.6
less Imports	13.7	11.6	8.8	3.7	0.4

Quarter-on-quarter of the previous year contribution to growth of the expenditure components to the GDP(E) deflator

Component	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3
Household Final Consumption Expenditure	2.3	1.7	1.0	0.8	0.6
NPISH Final Consumption Expenditure	0.2	0.2	0.1	0.1	0.1
General Government Final Consumption Expenditure	0.5	0.9	0.2	0.7	1.0
Gross Capital Formation	-0.1	0.2	0.1	0.3	0.3
- of which GFCF	*0.0*	*0.2*	*0.1*	*0.2*	*0.2*
Exports	3.7	3.6	2.3	0.3	0.2
less Imports	-4.0	-3.3	-2.5	-1.1	-0.2
Net trade	-0.3	0.3	-0.2	-0.8	0.0

Components may not sum to totals due to rounding

Deflator growth, year-on-year, for the expenditure components of GDP

Component	2004	2005	2006	2007	2008
Household Final Consumption Expenditure	1.6	2.3	2.7	2.6	2.8
NPISH Final Consumption Expenditure	5.7	5.6	1.8	10.3	6.9
General Government Final Consumption Expenditure	4.7	4.7	4.7	2.1	3.7
Gross Capital Formation	1.9	2.1	1.9	1.5	1.0
- of which GFCF	*2.1*	*2.2*	*1.8*	*1.5*	*1.1*
Exports	-0.5	0.9	2.7	1.2	12.6
less Imports	-0.7	3.8	3.2	0.0	11.2

Year-on-year contribution to growth for GDP(E) deflator

Component	2004	2005	2006	2007	2008
Household Final Consumption Expenditure	1.0	1.4	1.7	1.6	1.7
NPISH Final Consumption Expenditure	0.1	0.1	0.0	0.2	0.2
General Government Final Consumption Expenditure	1.0	1.0	1.0	0.5	0.8
Gross Capital Formation	0.3	0.4	0.3	0.3	0.2
- of which GFCF	*0.4*	*0.4*	*0.3*	*0.3*	*0.2*
Exports	-0.1	0.2	0.8	0.3	3.4
less Imports	0.2	-1.1	-1.0	0.0	-3.3
Net trade	0.1	-0.9	-0.3	0.3	0.0

Components may not sum to totals due to rounding

Annex E – Output growth revisions from preliminary estimates
(previously published on 23 October 2009)

REVISIONS	2009 Q3		
	Was	Now	Revision
Agriculture	-1.6	-2.5	-0.9
Total Production	-0.7	-0.8	-0.1
Manufacturing	-0.2	-0.1	0.1
Extraction	-3.5	-4.7	-1.2
Utilities	-0.6	-0.8	-0.2
Construction	-1.1	-1.1	-
Total Services	-0.2	-0.1	0.1
Distn, hotels & catering	-1.0	0.3	1.3
Transport, storage & comms	-0.3	0.5	0.8
Business services & finance	-0.1	-0.3	-0.2
Government & other	0.0	-0.2	-0.2

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Media contact:
Tel **Media Relations Office 0845 604 1858**
Emergency on-call 07867 906553

Email **press.office@ons.gsi.gov.uk**

Statistical contact:

Tel **Jon Beadle 020 7014 2053**
Email **gdp@ons.gov.uk**

Website:
www.statistics.gov.uk

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Gross domestic product tables

A1 Gross domestic product and gross value added[1]

2005 = 100

	Value indices at current prices		Chained volume indices			Implied deflators[2]		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross domestic expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	CL2G	YBFV	YBGB	CGBV
2007	111.5	111.6	105.5	105.7	106.8	105.5	105.7	105.6
2008	115.5	116.3	106.1	106.3	107.4	108.5	108.9	109.4
Seasonally adjusted								
2008 Q1	115.8	116.1	107.0	107.4	108.9	107.9	108.3	108.1
Q2	115.9	116.0	106.9	107.3	108.7	108.0	108.4	108.1
Q3	115.5	116.6	106.1	106.3	107.4	108.9	108.8	109.7
Q4	114.7	116.4	104.2	104.3	104.8	109.2	110.1	111.6
2009 Q1	111.3	113.3	101.6	101.7	101.2	109.3	109.5	111.4
Q2	110.7	112.6	101.0	101.1	100.5	110.0	109.5	111.4
Q3	111.8	113.4	100.7	100.9	100.2	110.9	111.0	112.5
Percentage change, latest quarter on previous quarter								
2009 Q3	*1.0*	*0.7*	*–0.3*	*–0.3*	*–0.3*	*0.9*	*1.3*	*1.0*
Percentage change, latest quarter on corresponding quarter of previous year								
2009 Q3	*–3.2*	*–2.7*	*–5.1*	*–5.1*	*–6.7*	*1.8*	*2.0*	*2.6*

1 Estimates cannot be regarded as accurate to the last digit shown.
2 Based on the sum of expenditure components of GDP at current prices and in chained volume terms.

A2 Gross domestic product and gross value added[1]

£ million

	At current prices			Chained volume measures (Reference year 2005)			
	Gross domestic product at market prices	*less* Basic price adjustment[2]	Gross value added at basic prices	Gross domestic product at market prices	*less* Basic price adjustment[2]	Gross value added at basic prices	Gross value added excluding oil & gas
	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	UIZY
2007	1 398 882	153 147	1 245 735	1 322 842	142 684	1 180 158	1 157 941
2008	1 448 054	149 557	1 298 497	1 330 118	142 874	1 187 244	1 166 152
Seasonally adjusted							
2008 Q1	363 091	38 960	324 131	335 412	35 676	299 736	294 394
Q2	363 228	39 330	323 898	335 163	35 638	299 525	294 202
Q3	362 061	36 656	325 405	332 733	35 972	296 761	291 507
Q4	359 674	34 611	325 063	326 810	35 588	291 222	286 049
2009 Q1	348 971	32 626	316 345	318 659	34 735	283 924	278 845
Q2	346 951	32 621	314 330	316 790	34 505	282 285	277 243
Q3	350 483	33 888	316 595	315 841	34 301	281 540	276 754
Percentage change, latest quarter on previous quarter							
	IHYN			IHYQ			
2009 Q3	1.0	*3.9*	*0.7*	–0.3	*–0.6*	*–0.3*	*–0.2*
Percentage change, latest quarter on corresponding quarter of previous year							
	IHYO			IHYR			
2009 Q3	–3.2	*–7.6*	*–2.7*	–5.1	*–4.6*	*–5.1*	*–5.1*

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Taxes on products *less* subsidies.

B1 Gross value added at chained volume measures basic prices, by category of output[1,2]

2005 = 100

	Production						Service industries						
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extraction	Manu-facturing	Elec-tricity gas and water supply	Total	Construc-tion	Distri-bution hotels and catering; repairs	Transport storage and comm-unication	Business services and finance	Govern-ment and other services	Total	Gross value added	Gross value added excluding oil & gas
Weights[3]													
2005	7	25	133	15	172	63	146	72	304	236	759	1 000	978
	GDQA	CKYX	CKYY	CKYZ	CKYW	GDQB	GDQE	GDQH	GDQN	GDQU	GDQS	CGCE	JUNT
2007	95.9	90.7	102.2	99.7	100.3	103.8	106.7	106.0	111.9	102.0	107.2	105.7	106.1
2008	96.0	84.7	99.2	99.7	97.2	103.4	105.5	107.8	114.7	103.3	108.7	106.3	106.8
Seasonally adjusted													
2008 Q1	95.0	86.3	102.9	100.8	100.3	105.8	108.2	108.0	114.8	103.2	109.3	107.4	107.9
Q2	97.1	85.9	101.3	100.9	99.0	105.4	107.4	108.7	115.4	103.2	109.4	107.3	107.8
Q3	96.7	84.4	98.9	99.6	96.9	103.8	104.7	108.0	114.7	103.7	108.7	106.3	106.8
Q4	95.2	82.3	93.8	97.7	92.5	98.8	101.8	106.3	113.9	103.0	107.5	104.3	104.8
2009 Q1	94.4	79.2	88.8	94.0	87.9	92.0	100.6	102.9	110.6	102.6	105.5	101.7	102.2
Q2	91.7	78.8	88.7	90.6	87.4	91.3	100.2	101.1	109.7	102.4	104.8	101.1	101.6
Q3	89.4	75.0	88.6	89.9	86.8	90.3	100.5	101.6	109.4	102.2	104.7	100.9	101.4
Percentage change, latest quarter on previous quarter													
2009 Q3	*–2.5*	*–4.7*	*–0.1*	*–0.8*	*–0.8*	*–1.1*	*0.3*	*0.5*	*–0.3*	*–0.2*	*–0.1*	*–0.3*	*–0.2*
Percentage change, latest quarter on corresponding quarter of previous year													
2009 Q3	*–7.5*	*–11.1*	*–10.5*	*–9.7*	*–10.5*	*–13.0*	*–4.0*	*–5.9*	*–4.7*	*–1.4*	*–3.7*	*–5.1*	*–5.1*

B2 Gross value added at chained volume measures basic prices, by category of output[1,2]

2005 = 100

	Service industries											
	Wholesale and retail trade; repairs	Hotels and resta-urants	Transport and storage	Post and telecomm-unication	Financial intermed-iation	Real estate, renting and business activities	Ownership of dwellings	Public administra-tion, national defence, social security	Education	Health and social work	Other services[4]	Total services
Weights[3]												
2005	116	29	45	27	71	164	69	54	59	72	52	759
	GDQC	GDQD	GDQF	GDQG	GDQI	GDQK	GDQL	GDQO	GDQP	GDQQ	GDQR	GDQS
2007	106.4	107.5	105.0	107.6	114.9	114.7	102.2	100.4	99.5	105.5	101.4	107.2
2008	105.0	107.7	106.4	110.0	121.9	116.4	103.2	98.8	100.2	108.8	103.8	108.7
Seasonally adjusted												
2008 Q1	107.9	109.4	108.2	107.7	120.1	117.4	103.1	99.3	99.8	107.3	105.5	109.3
Q2	107.4	107.6	108.5	109.0	121.6	117.9	103.1	98.8	99.7	108.1	105.1	109.4
Q3	103.9	107.7	106.1	111.1	122.9	116.0	103.2	98.5	100.6	109.3	104.6	108.7
Q4	100.7	106.1	102.7	112.3	123.0	114.3	103.5	98.8	100.7	110.3	100.0	107.5
2009 Q1	99.9	103.4	98.2	110.6	120.4	109.2	103.9	98.5	101.2	110.4	97.9	105.5
Q2	99.7	102.2	96.2	109.1	120.6	107.5	104.1	97.6	100.9	111.4	96.8	104.8
Q3	100.8	99.4	97.9	107.8	119.9	107.3	104.2	97.4	100.3	112.2	95.7	104.7
Percentage change, latest quarter on previous quarter												
2009 Q3	*1.1*	*–2.7*	*1.7*	*–1.2*	*–0.7*	*–0.2*	*0.1*	*–0.2*	*–0.6*	*0.8*	*–1.1*	*–0.1*
Percentage change, latest quarter on corresponding quarter of the previous year												
2009 Q3	*–3.0*	*–7.7*	*–7.8*	*–3.0*	*–2.4*	*–7.5*	*0.9*	*–1.2*	*–0.3*	*2.7*	*–8.5*	*–3.7*

1 Estimates cannot be regarded as accurate to the last digit shown.
2 Components of output are valued at basic prices, which excludes taxes and subsidies on production.
3 Weights may not sum to the totals due to rounding.
4 Comprising sections O, P and Q of the SIC(92).

C1 Gross domestic product: expenditure at current market prices[1]

£ million

	Domestic expenditure on goods and services at market prices											
	Final consumption expenditure			Gross capital formation								
	Households	Non-profit institutions[2]	General government	Gross fixed capital formation	Change in inventories[3]	Acquisitions *less* disposals of valuables	Total	Total exports	Gross final expenditure	*less* Total imports	Statistical discrepancy (expenditure)	**Gross domestic product at market prices**
	ABJQ	HAYE	NMRP	NPQS	CAEX	NPJQ	YBIL	IKBH	ABMF	IKBI	GIXM	YBHA
2007	859 268	33 722	294 713	248 766	6 986	374	1 443 829	371 503	1 815 332	416 450	–	1 398 882
2008	891 289	37 120	313 251	243 140	1 432	614	1 486 846	422 225	1 909 071	459 461	–1 556	1 448 054
Seasonally adjusted												
2008 Q1	221 567	9 112	77 912	62 320	3 784	27	374 722	101 373	476 095	112 737	–267	363 091
Q2	223 029	9 359	77 625	62 144	701	276	373 134	107 395	480 529	116 946	–355	363 228
Q3	225 064	9 375	77 967	59 797	887	197	373 287	107 365	480 652	118 158	–433	362 061
Q4	221 629	9 274	79 747	58 879	–3 940	114	365 703	106 092	471 795	111 620	–501	359 674
2009 Q1	217 737	9 000	80 371	55 031	–5 378	114	356 875	98 083	454 958	105 432	–555	348 971
Q2	217 304	8 970	81 501	52 081	–3 844	114	356 126	94 336	450 462	102 916	–595	346 951
Q3	219 353	8 858	82 609	51 687	–3 609	62	358 960	95 434	454 394	103 280	–631	350 483
Percentage change, latest quarter on previous quarter												
2009 Q3	*0.9*	*–1.2*	*1.4*	*–0.8*			*0.8*	*1.2*	*0.9*	*0.4*		*1.0*
Percentage change, latest quarter on corresponding quarter of previous year												
2009 Q3	*–2.5*	*–5.5*	*6.0*	*–13.6*			*–3.8*	*–11.1*	*–5.5*	*–12.6*		*–3.2*

C2 Gross domestic product by category of expenditure: chained volume measures[1] (Reference year 2005)

£ million

	Domestic expenditure on goods and services at market prices											
	Final consumption expenditure			Gross capital formation								
	Households	Non-profit institutions[2]	General government	Gross fixed capital formation	Change in inventories[3]	Acquisitions *less* disposals of valuables	Total	Total exports	Gross final expenditure	*less* Total imports	Statistical discrepancy (expenditure)	**Gross domestic product at market prices**
	ABJR	HAYO	NMRY	NPQT	CAFU	NPJR	YBIM	IKBK	ABMG	IKBL	GIXS	ABMI
2007	815 157	30 040	275 488	240 613	6 646	562	1 368 506	357 677	1 726 183	403 341	–	1 322 842
2008	822 335	30 941	282 333	232 660	866	1 295	1 370 430	361 149	1 731 578	400 033	–1 428	1 330 118
Seasonally adjusted												
2008 Q1	206 760	7 721	69 838	59 347	3 390	212	347 268	91 126	438 394	102 734	–247	335 412
Q2	206 485	7 815	70 365	59 635	725	436	345 462	91 839	437 302	101 811	–328	335 163
Q3	205 766	7 752	70 714	57 462	640	366	342 701	90 933	433 635	100 503	–398	332 733
Q4	203 324	7 653	71 416	56 216	–3 889	281	334 999	87 251	422 247	94 985	–455	326 810
2009 Q1	200 326	7 411	71 470	52 105	–5 171	279	326 421	81 065	407 485	88 320	–507	318 659
Q2	199 128	7 223	71 896	49 378	–4 110	280	323 796	79 935	403 731	86 398	–543	316 790
Q3	199 097	7 081	72 065	49 244	–4 144	234	323 577	80 332	403 910	87 500	–569	315 841
Percentage change, latest quarter on previous quarter												
												IHYQ
2009 Q3	*0.0*	*–2.0*	*0.2*	*–0.3*			*–0.1*	*0.5*	*0.0*	*1.3*		–0.3
Percentage change, latest quarter on corresponding quarter of previous year												
												IHYR
2009 Q3	*–3.2*	*–8.7*	*1.9*	*–14.3*			*–5.6*	*–11.7*	*–6.9*	*–12.9*		–5.1

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Non-profit making institutions serving households.
3 Quarterly alignment adjustment included in this series.

D Gross domestic product: by category of income[1]

£ million

	Compen-sation of employees	Gross operating surplus of corporations[2,3]	Other income[4]	Gross value added at factor cost	Taxes on products & production *less* subsidies	Statistical discrepancy (income)	**Gross domestic product at market prices**
	DTWM	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2007	746 384	310 787	173 443	1 230 614	168 268	–	1 398 882
2008	769 935	339 054	172 515	1 281 504	165 884	666	1 448 054
Seasonally adjusted							
2008 Q1	192 293	84 269	43 935	320 497	42 369	225	363 091
Q2	192 893	82 516	44 028	319 437	43 573	218	363 228
Q3	193 190	83 540	44 019	320 749	41 149	163	362 061
Q4	191 559	88 729	40 533	320 821	38 793	60	359 674
2009 Q1	190 731	83 909	38 646	313 286	35 978	–293	348 971
Q2	192 215	79 480	38 545	310 240	37 110	–399	346 951
Q3	191 404	82 042	39 154	312 600	38 359	–476	350 483
Percentage change, latest quarter on previous quarter							
2009 Q3	*–0.4*	*3.2*	*1.6*	*0.8*	*3.4*		*1.0*
Percentage change, latest quarter on corresponding quarter of previous year							
2009 Q3	*–0.9*	*–1.8*	*–11.1*	*–2.5*	*–6.8*		*–3.2*

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Quarterly alignment adjustment included in this series.
3 Including financial corporations and public corporations.
4 Includes mixed income and the operating surplus of the non-corporate sector less the adjustment for financial intermediation services indirectly measured (FISIM).

E Change in inventories: chained volume measures[1] (Reference year 2005)

£ million

	Mining and quarrying	Manufacturing industries: Materials and fuel	Manufacturing industries: Work in progress	Manufacturing industries: Finished goods	Manufacturing industries: Total	Elect-ricity, gas and water supply	Distributive trades: Wholesale[2]	Distributive trades: Retail[2]	Other industries[3]	**Change in inventories**
Level of inventories held at end-December 2008	718	15 998	16 011	20 302	52 311	2 317	28 734	26 152	69 466	179 697
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2007	–97	374	–357	402	419	–284	–70	1 724	4 954	6 646
2008	–47	–864	–723	–378	–1 965	936	967	–223	1 198	866
Seasonally adjusted										
2008 Q1	–6	–185	507	–17	305	32	230	514	2 315	3 390
Q2	–13	51	–308	623	366	374	237	263	–502	725
Q3	15	–355	–452	–189	–996	316	275	86	944	640
Q4	–43	–375	–470	–795	–1 640	214	225	–1 086	–1 559	–3 889
2009 Q1	–34	–623	–436	–735	–1 794	–88	–1 072	111	–2 294	–5 171
Q2	–5	–485	–260	–744	–1 489	–1	–874	463	–2 204	–4 110
Q3	–35	–756	–294	–863	–1 913	–19	–977	–243	–957	–4 144

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Wholesaling and retailing estimates exclude the motor trades.
3 Quarterly alignment adjustment included in this series.

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Issued by: Office for National Statistics, Government Buildings, Cardiff Road, Newport NP10 8XG

Media contact:
Tel **Media Relations Office 0845 604 1858**
Emergency on-call 07867 906553

Email **press.office@ons.gsi.gov.uk**

Statistical contact:

Tel **Jon Beadle 020 7014 2053**
Email **gdp@ons.gov.uk**

Website:
www.statistics.gov.uk