

31 March 2009

Coverage
United Kingdom

Theme
The Economy



Productivity 4th quarter 2008

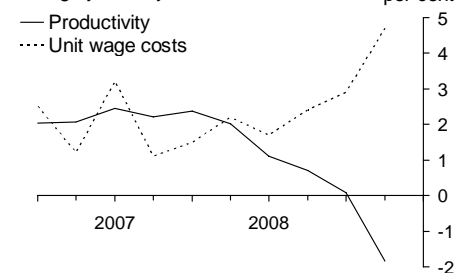
Whole economy output per worker decreased by 1.8 per cent in the fourth quarter of 2008, compared with the same quarter a year ago, substantially lower than the growth of 0.1 per cent seen in the previous quarter.

On a quarter on previous quarter basis, output per worker decreased by 1.5 per cent in the fourth quarter of 2008, down from a fall of 0.4 per cent in the previous quarter.

Unit wage costs for the whole economy in the fourth quarter of 2008 increased by 4.7 per cent compared with the same quarter a year ago, up from growth of 2.9 per cent in the previous quarter.

Unit wage costs increased by 2.1 per cent in the fourth quarter of 2008 compared with the third quarter, up from growth of 1.1 per cent in the previous quarter.

Productivity and unit wage costs
change year on year



Whole economy

	Output per worker		Unit wage costs		
	Per cent change on previous year	Per cent change on previous quarter	Per cent change on previous year	Per cent change on previous quarter	
Seasonally adjusted					
2006	Q3	2.0	0.1	2.5	0.2
	Q4	2.1	0.8	1.2	-0.3
2007	Q1	2.4	0.9	3.2	1.2
	Q2	2.2	0.4	1.1	0.0
	Q3	2.4	0.2	1.5	0.6
	Q4	2.0	0.5	2.2	0.3
2008	Q1	1.1	0.0	1.7	0.7
	Q2	0.7	0.0	2.4	0.7
	Q3	0.1	-0.4	2.9	1.1
	Q4	-1.8	-1.5	4.7	2.1

Issued by

Office for National Statistics
Government Buildings
Cardiff Road
Newport
NP10 8XG

Contact

Media Relations 0845 604 1858
Media Relations on-call 07867 906553

Jon Gough 01633 456720

Email

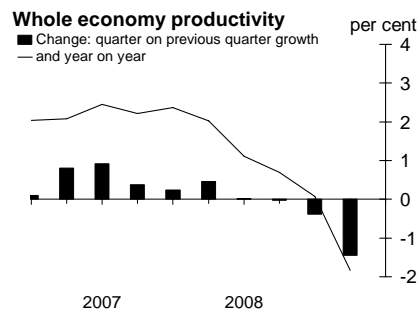
productivity@ons.gov.uk

www.statistics.gov.uk

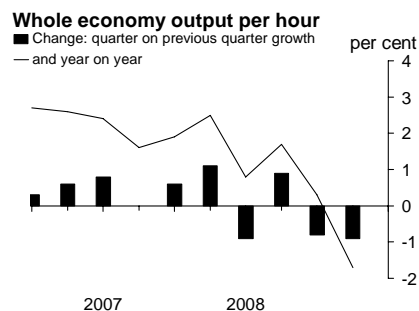
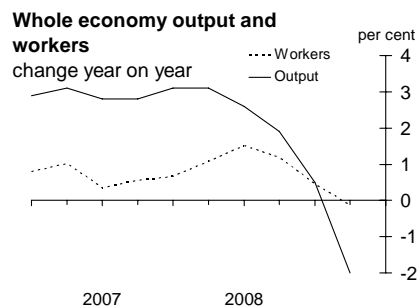
Next publication date
1 July 2009

Whole economy productivity

Whole economy productivity fell by 1.8 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from growth of 0.1 per cent in the previous quarter. Output fell by 2.0 per cent, down from growth of 0.5 per cent in the previous quarter. Whole economy workers fell by 0.1 per cent, down from growth of 0.5 per cent in the previous quarter.



The alternative measure of productivity, output per hour worked, fell by 1.7 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from 0.3 per cent growth in the previous quarter. Total hours worked fell by 0.3 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from growth of 0.3 per cent in the previous quarter.

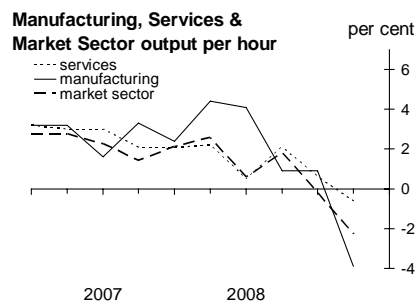


Sector comparison

Manufacturing output per hour decreased by 3.9 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from growth of 0.9 per cent in the previous quarter.

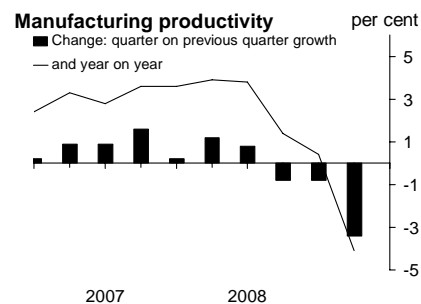
Services output per hour decreased by 0.6 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from growth of 0.6 per cent in the previous quarter.

Market sector output per hour (experimental) decreased by 2.3 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from a fall of 0.2 per cent in the previous quarter.

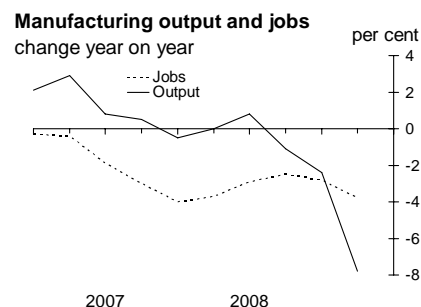


Manufacturing productivity

In the fourth quarter of 2008, manufacturing productivity, on an output per job basis, decreased by 4.1 per cent compared with the same quarter a year ago, down from growth of 0.4 per cent in the previous quarter.

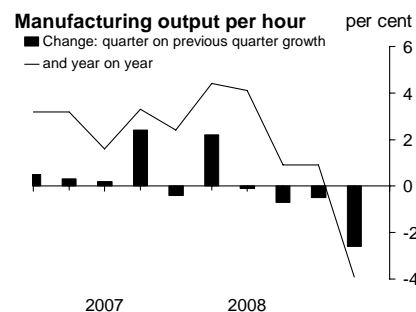


The decline in the growth rate of manufacturing productivity, on a quarter on the same quarter a year ago basis, was due to an increase in the contraction rate of manufacturing output from -2.4 per cent to -7.8 per cent, partially offset by an increase in the contraction rate of manufacturing jobs from -2.8 per cent to -3.8 per cent.



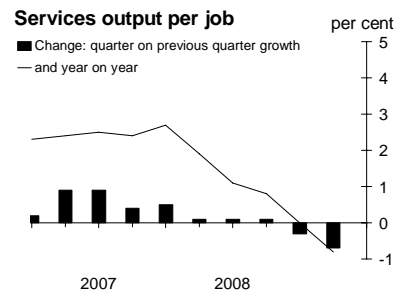
In the fourth quarter of 2008, manufacturing output per hour fell by 3.9 per cent compared with the same quarter a year ago. This compares to a growth of 0.9 per cent in the previous quarter.

This decrease in growth rate is due to an increase in the contraction rate of manufacturing output from -2.4 per cent to -7.8 per cent partially offset by an increase in the contraction rate of manufacturing hours from -3.2 per cent to -4.1 per cent.

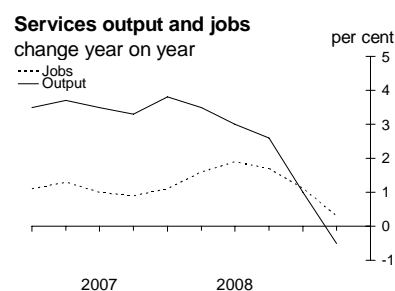


Services Productivity

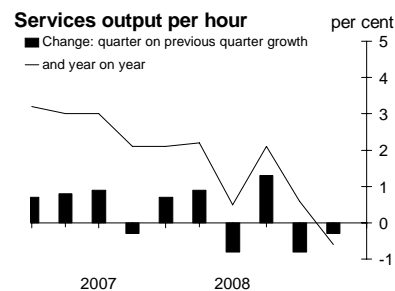
Output per job for the service industries fell by 0.8 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from no growth in the previous quarter.



The decrease in the growth rate of services productivity, on a quarter on same quarter a year ago basis, was due to a decrease in the growth rate of services output from 1.0 per cent to -0.5 per cent, partially offset by a decrease in the growth rate of services jobs from 1.1 per cent to 0.3 per cent.



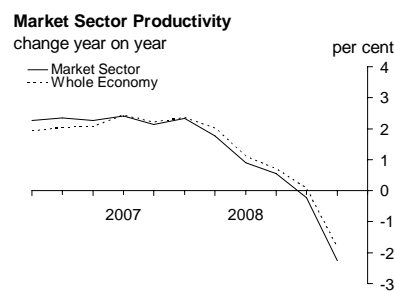
Output per hour for the service industries in the fourth quarter of 2008 decreased by 0.6 per cent compared with the same quarter a year ago, down from growth of 0.6 per cent in the previous quarter. This is due to a decrease in the growth rate of services output from 1.0 per cent to -0.5 per cent, partially offset by a fall in services hours from 0.5 per cent to 0.1 per cent.



Market Sector Productivity - Experimental

In the fourth quarter of 2008, Market Sector output per worker decreased by 2.3 per cent compared with the same quarter a year ago, down from a decrease of 0.2 per cent in the previous quarter.

The alternative measure of productivity, output per hour worked, also decreased by 2.3 per cent in the fourth quarter of 2008 compared with the same quarter a year ago, down from a decrease of 0.2 per cent in the previous quarter.



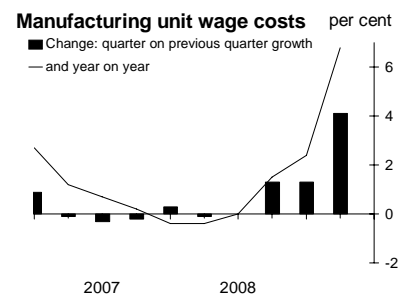
Unit wage costs

In the fourth quarter of 2008, whole economy unit wage costs were 4.7 per cent higher than the same quarter a year earlier, up from growth of 2.9 per cent in the third quarter.

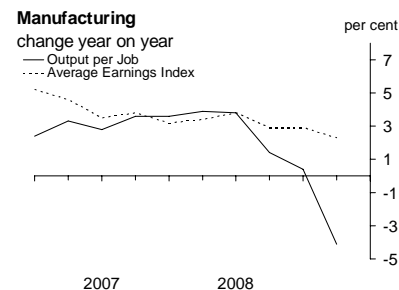
The increase in the growth of whole economy unit wage costs is explained by a decrease in the growth rate of output per worker from 0.1 per cent in the third quarter of 2008 to -1.8 per cent in the fourth quarter.



Manufacturing unit wage costs in the fourth quarter of 2008 increased by 6.8 per cent compared with the same quarter a year earlier, up from growth of 2.4 per cent in the previous quarter.



The growth in manufacturing unit wage costs is explained by a decrease in the growth rate of manufacturing output per job from 0.4 per cent in the third quarter to -4.1 per cent in the fourth quarter. This is partially offset by a fall in the manufacturing average earnings index from 2.9 per cent to 2.3 per cent.



Revisions

Table R1 shows the overall revisions to quarterly growth rates of the main productivity variables for the whole economy, manufacturing and services.

The figures in the tables 1 to 12 incorporate revisions to gross value added and wages and salaries figures consistent with the quarterly National Accounts First Release, as published on 27 March 2009.

BACKGROUND NOTES

1. This First Release gives details of output per worker, output per job, output per hour and unit wage costs for the whole economy of the United Kingdom. More detail can be found on the National Statistics web site at: www.statistics.gov.uk/productivity
The figures in this release are consistent with the latest Quarterly National Accounts dataset, released on 27 March 2009.
2. This First Release includes experimental Market Sector productivity estimates, which will facilitate a comparison of the economic activity in the market sector and the whole economy. Details on the methodology can be found at: <http://www.statistics.gov.uk/cci/article.asp?id=1742>
Please note, in order to be consistent with whole economy productivity measures, four key methodological changes have been made to the market sector output per hour worked series since the publication of that article. LFS microdata in calendar format are now used for the entire series. Market sector hours worked estimates are constrained to the LFS hours worked series after seasonal adjustment. The series has also undergone a seasonal adjustment review. These changes have caused revisions. For more information on the revisions to the market sector output per hour worked series please refer to the briefing note: http://www.statistics.gov.uk/downloads/experimental/Market_sector_hours_worked_revisions.pdf
3. Index numbers are referenced to 2003=100, are classified to the 2003 revision to the Standard Industrial Classification (SIC) and are seasonally adjusted.
4. Throughout the First Release productivity refers to output per worker unless otherwise stated. Growth refers to the change between a quarter and the same quarter a year ago while quarterly growth refers to the change between a quarter and the previous quarter.
5. Whole economy unit wage costs indices are calculated as the ratio of total wages and salaries per worker and GVA per worker.
6. Manufacturing unit wage costs indices are calculated as the ratio of manufacturing index of average earnings and manufacturing output per filled job. There are currently no unit wage costs figures for the service sector.
7. The measure of output growth used is the short-term output measure GVA at basic prices. In productivity measures, consistency between the output numerator and the labour input denominator is sought. The measure of workers used is Labour Force Survey (LFS) workers. The measure of jobs used is called RU - based jobs (Reporting Unit – based jobs) and it apportions the LFS employee jobs total to industries using employer sources and then adds the LFS self-employed jobs for each industry. An index for this series is published in Table 6. The productivity hours index is derived by multiplying the RU - based jobs series at industry level by the average actual hours worked for the industry, derived from the LFS. Results are scaled to ensure the whole economy productivity hours equal the appropriate LFS hours total.

8. An index of manufacturing RU - based jobs is published in the First Release. An explanation of the compilation of manufacturing RU - based jobs is available on the National Statistics website. Details can be found at: http://www.statistics.gov.uk/about/methodology_by_theme/Productivity_methodology_papers/default.asp

Revisions

9. This release contains an analysis of past revisions to productivity growth estimates. ONS will progressively introduce similar analyses into all of its key economic statistics releases. Details can be found at: <http://www.statistics.gov.uk/cci/article.asp?ID=793>
10. The below table compares the first quarterly estimates published with the equivalent figures three years later. The calculations used for the table repeat this process, stepping through each first estimate published between June 2001 and March 2006 and comparing it with the estimate three years later for the same quarter. A spreadsheet showing how the averages are calculated is available on the National Statistics website at: <Http://www.statistics.gov.uk/StatBase/Product.asp?vlnk=7476>"

	Value in latest period (per cent)	Revisions between first publication and estimates three years later	
		Average over the last 3 years (bias)	Average over the last 3 years without regard to sign (average absolute revision)
Whole Economy Output per Job, quarter on same quarter a year ago growth rate	-2.1	-0.11	0.42
Whole Economy Unit wage costs, quarter on same quarter a year ago growth rate	4.7	0.02	0.70

11. 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 release.
12. 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 political interference. © Crown copyright 2009.

1 Labour Productivity

Key productivity measures

United Kingdom

(2003=100)

Section	Whole Economy				Total production industries	Total manufacturing
	Output per Worker	Output per Job	Output per Hour	Unit Wage Costs	Output per Job	Output per Job
	A-Q	A-Q	A-Q	A-Q	C,D,E	D
Indices	A4YM	LNNN	LZVB	LNNK	LNNW	LNNX
2005 Q1	102.1	102.4	102.0	103.6	107.4	109.3
Q2	102.7	102.9	103.0	103.2	109.2	111.5
Q3	102.7	103.1	102.6	103.8	109.6	112.8
Q4	103.5	103.8	103.3	104.8	109.6	112.9
2006 Q1	104.1	104.6	104.3	104.0	112.0	114.4
Q2	104.7	105.1	105.0	106.1	111.1	115.4
Q3	104.8	105.2	105.4	106.4	110.7	115.6
Q4	105.7	105.9	106.0	106.1	111.0	116.6
2007 Q1	106.6	106.8	106.8	107.3 [†]	112.3 [†]	117.6
Q2	107.0	107.3	106.8	107.3	114.1	119.5
Q3	107.3 [†]	107.6 [†]	107.4 [†]	108.0	114.1	119.7
Q4	107.8	108.1	108.6	108.4	115.6	121.1 [†]
2008 Q1	107.8	108.1	107.7	109.2	115.7	122.1
Q2	107.8	107.9	108.6	109.9	114.9	121.2
Q3	107.4	107.4	107.7	111.2	113.9	120.2
Q4	105.8	105.9	106.8	113.5	110.5	116.1
Change on quarter a year ago	A4YN	LNNP	LZVD	LOJE	LNNNT	LNNNU
2005 Q1	1.2	1.3	0.8	2.9	2.7	3.7
Q2	0.9	0.9	0.7	2.1	3.5	4.6
Q3	0.8	0.9	0.3	2.1	4.2	6.2
Q4	1.4	1.3	1.5	2.0	3.1	4.3
2006 Q1	2.0	2.2	2.3	0.4	4.3	4.7
Q2	1.9	2.1	2.0	2.9	1.8	3.5
Q3	2.0	2.1	2.7	2.5	0.9	2.4
Q4	2.1	2.1	2.6	1.2	1.3	3.3
2007 Q1	2.4	2.1	2.4	3.2 [†]	0.2	2.8
Q2	2.2	2.1	1.6	1.1	2.7 [†]	3.6
Q3	2.4 [†]	2.3 [†]	1.9 [†]	1.5	3.1	3.6
Q4	2.0	2.1	2.5	2.2	4.1	3.9 [†]
2008 Q1	1.1	1.2	0.8	1.7	3.0	3.8
Q2	0.7	0.6	1.7	2.4	0.7	1.4
Q3	0.1	-0.2	0.3	2.9	-0.2	0.4
Q4	-1.8	-2.1	-1.7	4.7	-4.4	-4.1
Change on previous quarter	A4YO	DMWR	TXBB	DMWL	DMWS	DMWV
2005 Q1	-	-	0.1	0.8	0.9	1.1
Q2	0.7	0.5	1.0	-0.4	1.7	1.9
Q3	-	0.1	-0.4	0.6	0.4	1.2
Q4	0.8	0.7	0.7	1.0	-	-
2006 Q1	0.5	0.9	0.9	-0.8	2.2	1.4
Q2	0.6	0.4	0.7	2.1	-0.8	0.8
Q3	0.1	0.1	0.3	0.2	-0.4	0.2
Q4	0.8	0.7	0.6	-0.3	0.3	0.9
2007 Q1	0.9	0.9	0.8	1.2 [†]	1.1	0.9
Q2	0.4	0.5	-	-	1.6 [†]	1.6
Q3	0.2 [†]	0.3 [†]	0.6 [†]	0.6	-	0.2
Q4	0.5	0.5	1.1	0.3	1.3	1.2 [†]
2008 Q1	-	-	-0.9	0.7	0.1	0.8
Q2	-	-0.2	0.9	0.7	-0.7	-0.8
Q3	-0.4	-0.5	-0.8	1.1	-0.8	-0.8
Q4	-1.5	-1.4	-0.9	2.1	-3.0	-3.4

[†]indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

2 Output per job, manufacturing subsections

United Kingdom

(2003=100)

Manufacturing industries

Section	Food drink and tobacco	Textiles footwear, clothing and leather	Pulp, paper paper products, printing and publishing	Chemicals and man-made fibres	Rubber and plastics	Other non metallic mineral	Base metals and fabricated metals	Machinery and equipment	Electrical and optical equipment	Transport equipment	Wood, coke, petroleum, nuclear, NEC
	DA	DB,DC	DE	DG	DH	DI	DJ	DK	DL	DM	DD,DF,DN
Output per job											
	LNNY	LNOG	LNOA	LNOB	LNOC	LZYM	LZYQ	LNOD	LNOE	LNOF	LOJC
2005 Q1	106.4	103.2	105.3	112.3	108.7	108.0	110.0	113.2	110.6	106.9	114.8
Q2	107.5	107.4	105.1	115.2	107.3	110.3	115.4	113.8	111.3	115.3	111.4
Q3	107.7	110.6	104.4	118.7	106.6	115.0	116.9	115.7	112.2	116.9	112.5
Q4	107.2	114.0	102.5	121.3	108.4	121.7	118.0	120.5	109.6	112.7	111.1
2006 Q1	107.0	118.4	104.6	122.4	112.8	123.8	114.7	123.8	114.2	118.0	110.6
Q2	109.3	117.6	101.2	124.1	112.2	119.1	114.8	127.4	115.6	121.4	113.0
Q3	110.5	116.9	101.6	125.3	112.5	120.9	114.5	129.8	113.5	122.8	110.8
Q4	111.7	120.1	101.7	125.1	110.3	121.9	116.2	129.2	116.0	126.0	110.7
2007 Q1	110.6 [†]	118.7 [†]	101.7 [†]	125.5 [†]	111.8 [†]	120.3 [†]	120.0 [†]	131.9 [†]	119.8 [†]	123.3 [†]	113.9 [†]
Q2	111.7	127.8	104.9	127.3	116.6	123.8	120.4	130.8	121.4	126.5	115.4
Q3	111.4	131.0	106.8	129.8	119.7	118.4	117.8	133.2	123.2	120.9	117.3
Q4	110.9	132.9	110.6	133.0	122.2	118.2	119.3	133.3	124.0	124.8	115.8
2008 Q1	111.5	138.3	112.5	132.9	119.5	118.1	119.9	135.4	125.0	124.1	117.9
Q2	110.2	141.5	111.8	133.5	116.6	113.9	118.2	132.4	123.2	126.5	117.0
Q3	110.5	142.7	109.9	136.0	116.9	113.0	118.6	127.7	120.9	122.2	116.9
Q4	108.9	143.2	105.3	130.1	115.6	110.6	109.8	123.0	119.6	114.4	114.6
Output per job, change on quarter a year ago											
	LUAD	LUAE	LUAF	LUAG	LUAH	LUAI	LUAJ	LZYO	LZYS	LZVI	TXAG
2005 Q1	4.5	0.2	1.4	5.1	4.6	3.3	5.6	5.8	4.5	-3.2	8.9
Q2	4.5	7.8	1.2	7.1	3.5	2.6	8.4	3.2	1.4	4.7	6.7
Q3	4.3	11.3	0.2	12.5	6.9	8.1	8.6	4.2	0.7	7.5	8.6
Q4	2.7	14.6	-0.5	9.8	2.8	12.5	6.9	8.0	-2.6	2.5	2.0
2006 Q1	0.6	14.7	-0.6	9.0	3.8	14.6	4.2	9.4	3.2	10.5	-3.7
Q2	1.7	9.5	-3.7	7.8	4.5	7.9	-0.5	11.9	3.9	5.3	1.4
Q3	2.6	5.7	-2.7	5.6	5.6	5.1	-2.1	12.2	1.2	5.0	-1.5
Q4	4.2	5.4	-0.8	3.2	1.7	0.2	-1.5	7.2	5.8	11.8	-0.4
2007 Q1	3.3 [†]	0.3 [†]	-2.8 [†]	2.5 [†]	-0.9 [†]	-2.8 [†]	4.7 [†]	6.5 [†]	4.9 [†]	4.5 [†]	3.0 [†]
Q2	2.2	8.6	3.6	2.5	3.9	3.9	4.9	2.7	5.0	4.1	2.1
Q3	0.8	12.1	5.0	3.5	6.4	-2.1	2.9	2.6	8.5	-1.6	5.8
Q4	-0.7	10.7	8.7	6.3	10.9	-3.1	2.6	3.2	6.9	-0.9	4.7
2008 Q1	0.8	16.5	10.6	5.9	6.9	-1.8	-0.1	2.7	4.4	0.7	3.6
Q2	-1.3	10.7	6.6	4.9	-	-8.0	-1.8	1.2	1.5	-	1.4
Q3	-0.8	8.9	2.9	4.8	-2.3	-4.6	0.7	-4.1	-1.8	1.1	-0.3
Q4	-1.8	7.7	-4.7	-2.2	-5.4	-6.4	-8.0	-7.8	-3.6	-8.3	-1.0
Output per job, change on previous quarter											
	DNAG	LMMA	LNKV	LNNV	LNNZ	LOIL	LOIV	LOIX	LOJB	LOJG	LOUX
2005 Q1	1.9	3.8	2.2	1.7	3.1	-0.1	-0.4	1.4	-1.7	-2.8	5.4
Q2	1.0	4.1	-0.2	2.5	-1.3	2.1	4.9	0.5	0.6	7.9	-2.9
Q3	0.2	3.0	-0.7	3.0	-0.7	4.3	1.3	1.7	0.8	1.4	1.0
Q4	-0.5	3.0	-1.8	2.2	1.7	5.8	1.0	4.2	-2.2	-3.6	-1.3
2006 Q1	-0.1	3.9	2.0	0.9	4.1	1.7	-2.9	2.7	4.2	4.8	-0.4
Q2	2.1	-0.6	-3.2	1.4	-0.6	-3.8	0.1	2.9	1.2	2.9	2.2
Q3	1.1	-0.6	0.4	1.0	0.3	1.5	-0.3	1.9	-1.8	1.1	-2.0
Q4	1.0	2.7	0.1	-0.2	-2.0	0.8	1.5	-0.5	2.2	2.6	-0.1
2007 Q1	-1.0 [†]	-1.2 [†]	- [†]	0.3 [†]	1.4 [†]	-1.3 [†]	3.3 [†]	2.1 [†]	3.2 [†]	-2.1 [†]	2.9 [†]
Q2	1.0	7.7	3.2	1.4	4.2	2.9	0.3	-0.8	1.3	2.6	1.4
Q3	-0.3	2.5	1.8	2.0	2.7	-4.3	-2.2	1.8	1.5	-4.4	1.6
Q4	-0.4	1.4	3.6	2.5	2.1	-0.2	1.2	0.1	0.7	3.3	-1.2
2008 Q1	0.5	4.1	1.7	-0.1	-2.2	-0.1	0.5	1.6	0.8	-0.6	1.8
Q2	-1.1	2.3	-0.6	0.5	-2.5	-3.5	-1.4	-2.2	-1.4	1.9	-0.8
Q3	0.3	0.9	-1.7	1.9	0.3	-0.8	0.3	-3.6	-1.9	-3.4	-0.1
Q4	-1.5	0.3	-4.2	-4.4	-1.2	-2.1	-7.4	-3.7	-1.1	-6.3	-2.0

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

3 Manufacturing output per job

United Kingdom

(2003=100)

Section	Manufacturing		
	Index	Change on month a year ago	Change 3 months on 3 months a year ago
	D		
Output per job	LNNX	LNNU	LOUV
2005 Apr	110.5	3.6	3.6
May	111.5	4.5	3.6
Jun	112.4	5.5	4.6
Jul	113.1	7.6	5.9
Aug	113.0	6.7	6.6
Sep	112.4	4.5	6.2
Oct	112.0	4.5	5.2
Nov	112.8	3.8	4.3
Dec	113.8	4.6	4.3
2006 Jan	113.9	4.6	4.4
Feb	114.1	3.8	4.3
Mar	115.3	5.6	4.7
Apr	114.6	3.7	4.4
May	115.5	3.6	4.3
Jun	116.0	3.2	3.5
Jul	115.2	1.8	2.9
Aug	115.6	2.3	2.4
Sep	116.0	3.2	2.4
Oct	116.1	3.7	3.1
Nov	116.8	3.5	3.5
Dec	117.0	2.8	3.3
2007 Jan	117.8	3.4	3.2
Feb	117.0	2.5	2.9
Mar	118.2	2.5	2.8
Apr	119.0	3.9	3.0
May	119.3	3.3	3.2
Jun	120.1	3.5	3.6
Jul	119.8	4.0	3.6
Aug	119.9	3.8	3.7
Sep	119.5	3.0	3.6
Oct	120.3 [†]	3.6 [†]	3.5 [†]
Nov	121.6	4.1	3.6
Dec	121.5	3.9	3.9
2008 Jan	122.0	3.6	3.9
Feb	122.5	4.7	4.1
Mar	121.9	3.2	3.8
Apr	121.7	2.3	3.4
May	121.2	1.6	2.3
Jun	120.6	0.5	1.4
Jul	120.6	0.7	0.9
Aug	120.3	0.3	0.5
Sep	119.8	0.2	0.4
Oct	118.5	-1.5	-0.3
Nov	115.6	-4.9	-2.1
Dec	114.2	-6.0	-4.1
2009 Jan	111.7	-8.5	-6.5

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

4 Output per hour worked

United Kingdom

(2003=100)

Section	Whole economy	Total production industries	Total manufacturing
	A-Q	C,D,E	D
Output per hour worked			
	LZVB	LZVK	LZVF
2005 Q1	102.0	106.3	108.4
Q2	103.0	108.1	110.7
Q3	102.6	108.6	111.9
Q4	103.3	109.0	112.2
2006 Q1	104.3	110.9	114.2
Q2	105.0	110.4	114.9
Q3	105.4	110.6	115.5
Q4	106.0	110.3	115.8
2007 Q1	106.8	111.0	116.0 [†]
Q2	106.8	113.2 [†]	118.8
Q3	107.4 [†]	113.0	118.3
Q4	108.6	115.3	120.9
2008 Q1	107.7	114.3	120.7
Q2	108.6	113.8	119.9
Q3	107.7	113.1	119.3
Q4	106.8	110.7	116.2
Output per hour worked, change on quarter a year ago			
	LZVD	LZVM	LZVH
2005 Q1	0.8	1.4	2.7
Q2	0.7	2.6	4.0
Q3	0.3	3.8	5.8
Q4	1.5	3.6	4.6
2006 Q1	2.3	4.4	5.4
Q2	2.0	2.1	3.8
Q3	2.7	1.9	3.2
Q4	2.6	1.1	3.2
2007 Q1	2.4	0.1	1.6
Q2	1.6	2.6 [†]	3.3 [†]
Q3	1.9 [†]	2.1	2.4
Q4	2.5	4.6	4.4
2008 Q1	0.8	3.0	4.1
Q2	1.7	0.5	0.9
Q3	0.3	0.1	0.9
Q4	-1.7	-4.0	-3.9
Output per hour worked, change on previous quarter			
	TXBB	TXBD	TXBF
2005 Q1	0.1	1.0	1.0
Q2	1.0	1.8	2.1
Q3	-0.4	0.4	1.1
Q4	0.7	0.4	0.3
2006 Q1	0.9	1.7	1.8
Q2	0.7	-0.4	0.6
Q3	0.3	0.2	0.5
Q4	0.6	-0.3	0.3
2007 Q1	0.8	0.7	0.2
Q2	-	2.0 [†]	2.4 [†]
Q3	0.6 [†]	-0.2	-0.4
Q4	1.1	2.1	2.2
2008 Q1	-0.9	-0.9	-0.1
Q2	0.9	-0.4	-0.7
Q3	-0.8	-0.6	-0.5
Q4	-0.9	-2.2	-2.6

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

5 Output per hour worked, manufacturing subsections

United Kingdom

(2003=100)

Manufacturing Industries											
Section	Food drink and tobacco	Textiles, footwear and leather	Pulp, paper products, printing and publishing	Chemicals and man-made fibres	Rubber and plastics	Other non metallic mineral	Base metals and fabricated metals	Machinery and equipment	Electrical and optical equipment	Transport equipment	Wood, coke, petroleum, nuclear, NEC
	DA	DB,DC	DE	DG	DH	DI	DJ	DK	DL	DM	DD,DF,DN
Output per hour worked											
	LZWQ	LZVW	LZWY	LZXC	LZXG	LZWA	LZWU	LZXK	LZXO	LZXS	LZWI
2005 Q1	105.9	105.6	104.2	110.2	110.4	115.0	107.4	111.5	109.9	103.8	112.2
Q2	105.0	109.6	103.3	114.4	110.2	121.2	113.2	111.9	111.8	111.8	111.0
Q3	103.9	114.8	104.5	116.3	108.0	119.5	115.8	113.3	112.7	115.8	110.7
Q4	105.5	121.1	102.0	120.6	108.2	130.8	116.4	116.7	109.0	111.7	110.6
2006 Q1	103.7	125.9	105.3	120.0	110.5	132.3	115.0	119.5	117.1	118.5	109.6
Q2	110.8	121.9	101.1	121.7	112.0	121.8	111.8	123.0	113.3	122.7	115.4
Q3	110.8	118.1	103.6	125.2	115.2	122.0	113.2	124.7	112.7	122.5	110.9
Q4	109.2	123.6	104.0	123.6	110.1	124.0	114.6	124.9	114.3	123.3	112.8
2007 Q1	106.5 [†]	122.8 [†]	102.4 [†]	126.7 [†]	110.6 [†]	121.1 [†]	118.3 [†]	127.9 [†]	116.4 [†]	121.5 [†]	113.6 [†]
Q2	108.7	128.2	106.3	127.9	116.9	132.8	120.3	127.7	120.7	123.0	113.6
Q3	108.4	134.8	107.3	131.2	120.2	123.2	117.3	131.5	120.6	115.5	115.6
Q4	111.1	140.1	109.9	131.1	120.7	121.5	120.3	130.7	125.4	122.6	115.4
2008 Q1	109.8	142.5	113.1	131.4	127.6	124.9	113.1	130.4	121.9	121.5	118.8
Q2	109.3	150.3	113.8	132.8	116.4	119.5	112.8	126.8	121.5	124.5	116.3
Q3	108.0	152.5	111.8	130.9	117.9	119.8	119.3	122.5	118.1	119.5	117.3
Q4	107.7	146.9	112.6	133.7	117.6	118.1	106.2	118.6	116.3	115.6	113.7
Output per hour worked, change on quarter a year ago											
	LZWS	LZVY	LZXA	LZXE	LZXI	LZWC	LZWW	LZXM	LZXQ	LZXU	LZWK
2005 Q1	5.5	3.4	-2.0	2.1	4.9	8.8	1.2	5.7	1.7	-2.5	7.2
Q2	4.9	9.6	-3.8	7.1	6.9	8.7	5.5	2.9	0.5	3.5	6.5
Q3	3.7	12.9	0.8	13.1	6.0	6.2	9.7	2.6	0.7	8.2	5.3
Q4	5.4	19.8	-0.2	12.8	-0.2	14.5	8.7	6.5	-2.7	3.1	-1.9
2006 Q1	-2.1	19.2	1.1	8.9	0.1	15.0	7.1	7.2	6.5	14.1	-2.3
Q2	5.5	11.3	-2.1	6.4	1.6	0.5	-1.2	9.9	1.4	9.8	4.0
Q3	6.6	2.9	-0.8	7.6	6.6	2.1	-2.2	10.1	-	5.8	0.2
Q4	3.6	2.0	2.0	2.6	1.8	-5.2	-1.6	7.0	4.8	10.4	2.0
2007 Q1	2.7 [†]	-2.4 [†]	-2.8 [†]	5.6 [†]	0.1 [†]	-8.6 [†]	2.9 [†]	7.0 [†]	-0.6 [†]	2.5 [†]	3.6 [†]
Q2	-1.9	5.1	5.1	5.0	4.4	9.0	7.6	3.8	6.5	0.3	-1.6
Q3	-2.2	14.1	3.5	4.8	4.3	0.9	3.6	5.5	7.0	-5.7	4.2
Q4	1.8	13.3	5.6	6.0	9.7	-2.0	5.0	4.6	9.7	-0.5	2.3
2008 Q1	3.2	16.1	10.5	3.7	15.4	3.3	-4.4	1.9	4.8	-	4.6
Q2	0.6	17.2	7.1	3.9	-0.5	-10.0	-6.2	-0.7	0.7	1.2	2.4
Q3	-0.3	13.1	4.2	-0.2	-1.9	-2.8	1.7	-6.9	-2.1	3.4	1.5
Q4	-3.1	4.8	2.5	2.0	-2.6	-2.8	-11.8	-9.2	-7.3	-5.7	-1.5
Output per hour worked, change on previous quarter											
	TXBG	TXBH	TXBI	TXBJ	TXBK	TXBL	TXBM	TXBN	TXBP	TXBQ	TXBR
2005 Q1	5.9	4.5	2.0	3.1	1.9	0.6	0.2	1.8	-2.0	-4.1	-0.4
Q2	-0.8	3.7	-0.9	3.8	-0.2	5.4	5.4	0.4	1.7	7.6	-1.1
Q3	-1.1	4.7	1.1	1.7	-1.9	-1.4	2.3	1.2	0.8	3.6	-0.2
Q4	1.5	5.6	-2.4	3.6	0.1	9.4	0.6	3.0	-3.2	-3.5	-0.1
2006 Q1	-1.7	3.9	3.3	-0.5	2.1	1.1	-1.3	2.4	7.4	6.1	-0.9
Q2	6.9	-3.1	-4.0	1.5	1.3	-7.9	-2.7	2.9	-3.2	3.5	5.3
Q3	-	-3.1	2.5	2.8	2.9	0.2	1.3	1.4	-0.6	-0.1	-3.9
Q4	-1.4	4.7	0.4	-1.2	-4.5	1.6	1.2	0.2	1.4	0.6	1.7
2007 Q1	-2.5 [†]	-0.6 [†]	-1.5 [†]	2.5 [†]	0.5 [†]	-2.5	3.2 [†]	2.4 [†]	1.8 [†]	-1.4 [†]	0.7 [†]
Q2	2.1	4.4	3.8	0.9	5.7	9.8 [†]	1.7	-0.2	3.7	1.2	-
Q3	-0.3	5.1	1.0	2.6	2.8	-7.2	-2.5	3.0	-	-6.1	1.7
Q4	2.6	3.9	2.4	-0.1	0.4	-1.3	2.6	-0.6	3.9	6.1	-0.1
2008 Q1	-1.2	1.8	3.0	0.3	5.7	2.8	-6.0	-0.2	-2.7	-0.9	2.9
Q2	-0.5	5.4	0.6	1.1	-8.8	-4.3	-0.3	-2.7	-0.3	2.5	-2.1
Q3	-1.2	1.5	-1.8	-1.5	1.3	0.2	5.8	-3.5	-2.9	-4.0	0.9
Q4	-0.3	-3.7	0.7	2.1	-0.3	-1.4	-11.0	-3.1	-1.5	-3.2	-3.1

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

6 Labour Productivity Labour Input Indices

United Kingdom

Seasonally adjusted (2003=100)

Section	Whole economy workers	Whole economy jobs	Ratio of jobs to workers	Total production industries jobs	Total manufacturing jobs
	A-Q	A-Q	A-Q	C,D,E	D
	TXEL	LNNM	TXET	LNOJ	LNOK
2005 Q1	101.9	101.6	99.6	93.3	93.3
Q2	101.9	101.7	99.8	91.9	91.8
Q3	102.3	102.0	99.7	90.9	90.5
Q4	102.1	101.9	99.8	90.3	89.8
2006 Q1	102.7	102.2	99.5	89.8	89.9
Q2	102.9	102.5	99.6	90.3	90.0
Q3	103.2	102.8	99.6	90.9	90.2
Q4	103.2	102.9	99.8	90.3	89.4
2007 Q1	103.1	102.9	99.8	89.2	88.2
Q2	103.5	103.2	99.7	88.3	87.3
Q3	103.9	103.6	99.7	87.9	86.6
Q4	104.3	104.0	99.7	87.4	86.1 [†]
2008 Q1	104.7	104.4	99.7	87.0	85.6
Q2	104.7	104.6	99.9	86.6	85.2
Q3	104.3	104.3	100.0	85.8	84.2
Q4	104.2	104.1	100.0	84.5	82.8

Section	Whole economy	Total production industries	Total manufacturing
	A-Q	C,D,E	D
Productivity hours worked	LZVA	LZVJ	LZVE
2005 Q1	102.0	94.3	94.2
Q2	101.7	92.8	92.5
Q3	102.4	91.7	91.3
Q4	102.3	90.8	90.3
2006 Q1	102.5	90.7	90.1
Q2	102.6	90.9	90.3
Q3	102.6	91.0	90.3
Q4	102.9	91.0	90.1
2007 Q1	102.9	90.2	89.4
Q2	103.7	89.0	87.8
Q3	103.7	88.8	87.7
Q4	103.5	87.6 [†]	86.3 [†]
2008 Q1	104.8	88.0	86.6
Q2	103.9	87.4	86.1
Q3	104.0	86.4	84.8
Q4	103.2	84.3	82.8

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

7 Unit wage costs

United Kingdom

(2003=100)

Section	Whole Economy			Manufacturing		
	Index	Change on quarter a year ago	Change on previous quarter	Index	Change on period a year ago	Change 3 months on previous 3 months
	A-Q			D		
Unit Wage costs						
	LNNK	LOJE	DMWL	LNNQ	LOUW	DMWB
2005 Q1	103.6	2.9	0.8	96.9	-0.1	-0.1
Q2	103.2	2.1	-0.4	95.3	-1.9	-1.6
Q3	103.8	2.1	0.6	95.7	-2.1	0.4
Q4	104.8	2.0	1.0	97.0	0.1	1.3
2006 Q1	104.0	0.4	-0.8	97.2	0.4	0.2
Q2	106.1	2.9	2.1	97.5	2.2	0.3
Q3	106.4	2.5	0.2	98.3	2.7	0.9
Q4	106.1	1.2	-0.3	98.2	1.2	-0.1
2007 Q1	107.3 [†]	3.2 [†]	1.2 [†]	97.9	0.7	-0.3
Q2	107.3	1.1	-	97.6	0.2	-0.2
Q3	108.0	1.5	0.6	97.9	-0.4	0.3
Q4	108.4	2.2	0.3	97.8 [†]	-0.4 [†]	-0.1 [†]
2008 Q1	109.2	1.7	0.7	97.8	-	-
Q2	109.9	2.4	0.7	99.1	1.5	1.3
Q3	111.2	2.9	1.1	100.3	2.4	1.3
Q4	113.5	4.7	2.1	104.4	6.8	4.1
2006 Feb	..	..	..	97.6	1.4	0.2
Mar	..	..	..	96.7	-0.9	0.2
Apr	..	..	..	98.2	2.1	0.5
May	..	..	..	96.9	2.0	-
Jun	..	..	..	97.3	2.6	0.3
Jul	..	..	..	97.6	2.9	-0.3
Aug	..	..	..	98.6	3.0	0.6
Sep	..	..	..	98.8	2.2	0.9
Oct	..	..	..	98.8	1.4	1.5
Nov	..	..	..	98.0	1.1	0.8
Dec	..	..	..	97.8	1.1	-0.1
2007 Jan	..	..	..	97.4	0.1	-1.0
Feb	..	..	..	98.6	1.1	-0.6
Mar	..	..	..	97.5	0.9	-0.3
Apr	..	..	..	97.6	-0.7	0.2
May	..	..	..	97.7	0.9	-0.4
Jun	..	..	..	97.7	0.4	-0.2
Jul	..	..	..	97.9	0.3	-0.1
Aug	..	..	..	97.7	-0.9	0.1
Sep	..	..	..	98.2	-0.6	0.3
Oct	..	..	..	97.8 [†]	-1.0 [†]	0.2
Nov	..	..	..	97.5	-0.6	0.1 [†]
Dec	..	..	..	98.1	0.4	-0.1
2008 Jan	..	..	..	97.7	0.3	-0.1
Feb	..	..	..	97.1	-1.5	-0.2
Mar	..	..	..	98.6	1.2	-
Apr	..	..	..	98.3	0.8	0.3
May	..	..	..	99.4	1.7	1.1
Jun	..	..	..	99.6	2.0	1.3
Jul	..	..	..	99.9	2.0	1.6
Aug	..	..	..	100.2	2.6	1.1
Sep	..	..	..	100.9	2.7	1.3
Oct	..	..	..	102.2	4.5	1.5
Nov	..	..	..	104.8	7.6	2.8
Dec	..	..	..	106.2	8.3	4.1
2009 Jan	..	..	..	108.6	11.2	5.4

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

8 Productivity measures by region

(UK=100)

		2001	2002	2003	2004	2005	2006	2007
United Kingdom		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GVA per filled job								
North East	DJDO	93.2	91.5	89.7	91.7	90.2	88.1	89.3
North West	DJDP	92.6	91.7	89.9	89.5	90.2	90.2	91.4
Yorkshire and the Humber	DMBC	91.5	92.4	90.4	88.7	89.3	88.2	88.0
East Midlands	DMBE	94.6	95.9	97.0	96.1	92.8	93.6	92.3
West Midlands	DMDN	93.3	92.8	91.4	91.0	90.0	88.3	89.9
East	DMDQ	96.0	94.6	97.1	97.6	98.3	97.6	98.4
London	DMGH	129.1	131.5	133.9	136.0	137.4	138.3	137.7
South East	DMGJ	103.0	102.5	103.5	102.8	102.8	104.5	103.1
South West	DMGK	92.9	92.2	92.5	91.7	92.2	92.0	91.6
England	DMGL	101.5	101.5	101.7	101.6	101.7	101.8	101.8
Wales	DMGM	89.6	89.7	87.0	87.6	85.2	83.6	83.4
Scotland	DMGX	93.9	95.2	93.9	95.1	95.1	95.3	94.8
Northern Ireland	DMOA	87.3	85.1	85.2	85.5	85.0	85.8	87.3
GVA per hour worked								
North East	DMOB	96.8	93.6	92.1	92.9	93.5	89.9	91.2
North West	DMOH	93.5	92.6	90.8	90.4	90.8	90.8	92.2
Yorkshire and the Humber	DMOK	93.9	93.2	91.0	89.7	90.2	89.7	89.2
East Midlands	DMOL	94.6	96.1	96.9	97.0	92.6	93.4	92.3
West Midlands	DMON	93.3	92.6	91.4	90.2	89.7	88.1	89.6
East	DMOO	95.8	95.8	98.2	98.4	99.4	98.8	100.6
London	DMOR	122.6	124.9	126.2	128.7	129.4	131.4	129.7
South East	DMOS	104.2	103.9	105.8	104.5	104.5	105.5	104.7
South West	DMOT	95.0	94.9	95.6	94.1	94.3	94.6	94.2
England	DMOV	101.5	101.5	101.7	101.5	101.6	101.7	101.8
Wales	DMOW	89.7	90.4	87.8	88.6	87.1	84.3	84.6
Scotland	DMOY	94.6	95.9	94.8	96.9	97.2	96.5	95.6
Northern Ireland	DMWA	86.5	82.2	81.2	81.5	81.2	82.9	84.1
GVA per head								
North East	DDBE	77.5	77.8	77.2	79.4	79.4	78.4	78.7
North West	DDBF	87.7	88.1	86.5	87.0	86.6	86.5	88.0
Yorkshire and the Humber	DDBG	86.9	87.6	86.5	86.6	86.0	84.7	84.4
East Midlands	DDBH	89.1	89.6	90.8	89.7	88.8	89.2	88.9
West Midlands	DDBI	90.1	89.8	88.3	87.5	86.9	85.5	85.8
East	DGPO	94.0	92.3	94.3	94.8	93.9	94.9	94.7
London	DGPP	160.4	159.3	161.9	162.2	164.5	165.6	165.9
South East	DGPQ	107.9	108.5	108.3	106.9	106.6	106.8	105.7
South West	DDBM	92.7	92.6	92.7	92.5	92.2	91.7	91.1
England	DDBN	102.7	102.6	102.7	102.6	102.5	102.5	102.5
Wales	DDBO	76.7	77.5	76.0	76.6	75.5	74.7	74.5
Scotland	DDBP	93.8	94.8	93.9	94.6	95.8	96.3	96.3
Northern Ireland	DDBQ	79.8	78.6	79.0	80.4	80.6	81.3	82.0

† indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised.

9 Services output per Job

United Kingdom

(2003=100)

Section	Total Services			Distributing, hotels and catering		
	Index	Change on quarter a year ago	Change on previous quarter	Index	Change on quarter a year ago	Change on previous quarter
	G-P	G-P	G-P	G/H	G/H	G/H
Indices	GG5I	GG5J	GG5K	GG5L	GG5M	GG5N
1994 Q3	84.4	3.0	0.8	..	..	..
Q4	84.6	3.2	0.3	..	..	..
1995 Q1	85.0	2.6	0.5	..	..	..
Q2	84.6	1.1	-0.5	..	..	..
Q3	85.2	1.0	0.7	..	..	..
Q4	85.1	0.6	-0.1	..	..	..
1996 Q1	86.1	1.2	1.1	..	..	..
Q2	86.9	2.7	1.0	..	..	..
Q3	87.2	2.3	0.3	..	..	..
Q4	87.4	2.6	0.2	..	..	..
1997 Q1	87.8	2.0	0.5	90.9	..	..
Q2	88.0	1.2	0.2	91.1	..	0.2
Q3	88.7	1.7	0.8	91.1	..	0.1
Q4	90.2	3.3	1.8	92.1	..	1.0
1998 Q1	90.8	3.4	0.6	90.6	-0.3	-1.6
Q2	91.6	4.1	0.9	89.8	-1.3	-0.8
Q3	92.3	4.1	0.7	89.1	-2.2	-0.8
Q4	93.0	3.1	0.8	89.8	-2.4	0.8
1999 Q1	92.7	2.1	-0.3	89.5	-1.2	-0.3
Q2	93.1	1.6	0.4	90.1	0.3	0.6
Q3	93.6	1.4	0.5	90.6	1.6	0.6
Q4	94.3	1.4	0.8	91.7	2.1	1.2
2000 Q1	94.9	2.3	0.6	91.9	2.6	0.2
Q2	96.1	3.2	1.2	92.8	3.0	1.0
Q3	96.5	3.1	0.4	92.8	2.4	-
Q4	96.3	2.1	-0.2	92.3	0.7	-0.5
2001 Q1	97.5	2.7	1.2	93.3	1.6	1.1
Q2	97.5	1.5	-	93.1	0.4	-0.2
Q3	97.7	1.3	0.2	93.8	1.1	0.7
Q4	98.0	1.7	0.3	94.9	2.8	1.2
2002 Q1	98.4	0.9	0.4	96.4	3.3	1.6
Q2	98.2	0.7	-0.2	96.8	3.9	0.3
Q3	98.5	0.9	0.4	97.9	4.4	1.2
Q4	98.6	0.6	-	98.5	3.8	0.6
2003 Q1	99.2	0.9	0.7	98.0	1.6	-0.6
Q2	99.8	1.6	0.5	100.1	3.4	2.1
Q3	100.1	1.6	0.4	100.8	2.9	0.7
Q4	100.9	2.4	0.8	101.2	2.8	0.5
2004 Q1	100.8	1.6	-0.1	100.8	2.9	-0.4
Q2	101.7	2.0	0.9	102.4	2.4	1.6
Q3	102.0	1.9	0.3	102.7	1.9	0.2
Q4	102.4	1.4	0.3	102.2	1.0	-0.4
2005 Q1	102.6	1.7	0.2	102.6	1.8	0.4
Q2	102.9	1.1	0.3	103.2	0.8	0.6
Q3	103.2	1.1	0.3	103.4	0.7	0.1
Q4	104.1	1.7	0.8	105.4	3.1	2.0
2006 Q1	104.9	2.3	0.8	107.4	4.6	1.9
Q2	105.4	2.4	0.5	108.3	4.9	0.9
Q3	105.6	2.3	0.2	108.0	4.5	-0.3
Q4	106.6	2.4	0.9	109.5	3.9	1.4
2007 Q1	107.5	2.5	0.9	110.6 [†]	3.0 [†]	1.0 [†]
Q2	107.9 [†]	2.4 [†]	0.4	110.9	2.4	0.3
Q3	108.4	2.7	0.5 [†]	111.6	3.3	0.6
Q4	108.6	1.9	0.1	111.0	1.4	-0.5
2008 Q1	108.6	1.1	0.1	110.8	0.2	-0.2
Q2	108.8	0.8	0.1	110.6	-0.2	-0.2
Q3	108.4	-	-0.3	108.7	-2.5	-1.7
Q4	107.7	-0.8	-0.7	107.1	-3.6	-1.5

[†]Indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

10

Services output per hour worked

United Kingdom

(2003=100)

Section	Total services			Distribution, hotels and catering		
	Index	Change on quarter a year ago	Change on previous quarter	Index	Change on quarter a year ago	Change on previous quarter
	G-P	G-P	G-P	G/H	G/H	G/H
Indices	GGM4	GGM5	GGM6	GGM9	GGM8	GGM7
1994 Q3	82.0	3.9	0.5	..	..	..
Q4	82.0	3.4	-	..	..	..
1995 Q1	83.0	3.2	1.1	..	..	..
Q2	82.9	1.6	-	..	..	..
Q3	83.9	2.3	1.1	..	..	..
Q4	83.7	2.1	-0.1	..	..	..
1996 Q1	84.9	2.4	1.4	..	..	..
Q2	85.4	3.0	0.6	..	..	..
Q3	85.8	2.3	0.4	..	..	..
Q4	86.3	3.1	0.6	..	..	..
1997 Q1	86.0	1.3	-0.4	88.0	..	..
Q2	86.6	1.4	0.8	88.5	..	0.6
Q3	86.9	1.3	0.3	87.8	..	-0.8
Q4	88.6	2.6	2.0	88.1	..	0.3
1998 Q1	89.2	3.8	0.7	88.7	0.8	0.7
Q2	90.0	3.9	0.9	87.3	-1.3	-1.5
Q3	90.5	4.1	0.6	87.1	-0.7	-0.2
Q4	92.0	3.8	1.6	88.4	0.4	1.4
1999 Q1	91.4	2.4	-0.6	88.5	-0.3	0.1
Q2	91.8	2.0	0.5	88.2	1.0	-0.3
Q3	92.1	1.8	0.3	88.6	1.7	0.5
Q4	93.0	1.1	0.9	89.6	1.4	1.1
2000 Q1	95.3	4.2	2.5	92.0	4.0	2.6
Q2	95.2	3.7	-	90.7	2.8	-1.4
Q3	95.7	3.9	0.5	91.6	3.4	1.0
Q4	94.7	1.8	-1.1	90.3	0.8	-1.4
2001 Q1	95.8	0.6	1.2	89.7	-2.4	-0.7
Q2	95.8	0.6	-	91.1	0.5	1.6
Q3	96.3	0.7	0.6	91.6	-	0.5
Q4	97.1	2.6	0.8	93.8	3.9	2.4
2002 Q1	97.7	2.0	0.6	95.8	6.7	2.1
Q2	98.0	2.3	0.3	95.8	5.1	-
Q3	97.9	1.6	-0.1	97.0	5.9	1.3
Q4	98.3	1.3	0.5	97.8	4.2	0.8
2003 Q1	99.2	1.5	0.9	97.8	2.1	-
Q2	99.3	1.3	0.1	99.8	4.2	2.1
Q3	99.8	1.9	0.5	100.1	3.2	0.4
Q4	101.7	3.4	1.9	102.3	4.6	2.2
2004 Q1	100.9	1.7	-0.7	101.3	3.7	-1.0
Q2	102.1	2.8	1.2	102.2	2.4	0.8
Q3	102.2	2.4	0.1	103.4	3.2	1.2
Q4	101.6	-	-0.6	102.3	-0.1	-1.1
2005 Q1	102.1	1.1	0.4	104.0	2.6	1.7
Q2	102.8	0.7	0.7	104.8	2.6	0.8
Q3	102.4	0.1	-0.4	104.3	0.9	-0.6
Q4	103.3	1.6	0.9	106.2	3.9	1.9
2006 Q1	104.2	2.1	0.9	109.0	4.8	2.6
Q2	104.8	2.0	0.5	108.9	3.9	-0.1
Q3	105.6	3.2	0.7	109.1	4.6	0.2
Q4	106.4	3.0	0.8	109.9	3.5	0.8
2007 Q1	107.4	3.0	0.9	111.2 [†]	2.1 [†]	1.2 [†]
Q2	107.1	2.1 [†]	-0.3 [†]	110.3	1.3	-0.8
Q3	107.8 [†]	2.1	0.7	111.9	2.6	1.4
Q4	108.8	2.2	0.9	113.0	2.8	1.0
2008 Q1	107.8	0.5	-0.8	110.4	-0.8	-2.3
Q2	109.3	2.1	1.3	112.0	1.6	1.5
Q3	108.4	0.6	-0.8	109.8	-1.9	-2.0
Q4	108.1	-0.6	-0.3	107.7	-4.7	-2.0

[†]Indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

11 Agriculture, forestry and fisheries: Output per job and hour worked

United Kingdom

(2003=100)

Section	Agriculture, forestry and fisheries			
	Output per job		Output per hour worked	
	Index	Change on previous year	Index	Change on previous year
	A/B	A/B	A/B	A/B
	GGN5	GGN4	GGN2	GGN3
1989	65.8	7.0	..	..
1990	67.3	2.2	..	..
1991	71.0	5.6	..	..
1992	75.9	6.9	..	..
1993	71.5	-5.9	80.2	..
1994	71.4	-0.1	71.0	-11.4
1995	72.5	1.5	69.2	-2.6
1996	70.6	-2.6	67.9	-1.9
1997	71.2	0.8	69.6	2.6
1998	76.6	7.6	75.5	8.4
1999	84.6	10.4	83.1	10.1
2000	89.9	6.2	88.0	5.9
2001	86.0	-4.3	87.1	-1.0
2002	100.1	16.4	102.2	17.3
2003	100.0	-0.1	100.0	-2.1
2004	97.6	-2.4	96.0	-4.0
2005	98.2	0.7	99.1	3.3
2006	101.4	3.3	103.1	4.1
2007	96.7 [†]	-4.7 [†]	98.2	-4.8
2008	90.7	-6.2	93.5	-4.8

[†]indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

12 Market sector productivity

United Kingdom

(2003=100)

	Output per worker			Output per hour worked		
	Index	Change on quarter a year ago	Change on previous quarter	Index	Change on quarter a year ago	Change on previous quarter
Indices	GY Y4	GY Y5	GY Y6	GY Y7	GY Y8	GY Y9
1994 Q3	82.9	1.9	0.8	..	..	..
Q4	83.6	2.1	0.7	..	..	..
1995 Q1	83.6	2.8	0.1	..	..	..
Q2	83.6	1.5	-	..	..	..
Q3	84.2	1.5	0.7	..	..	..
Q4	83.9	0.4	-0.3	..	..	..
1996 Q1	85.0	1.7	1.3	..	..	..
Q2	85.3	2.1	0.4	..	..	..
Q3	85.7	1.8	0.4	..	..	..
Q4	85.8	2.3	0.2	..	..	..
1997 Q1	86.2	1.5	0.4	..	..	..
Q2	86.3	1.1	0.1	..	..	..
Q3	87.0	1.5	0.8	..	..	..
Q4	88.2	2.7	1.4	..	..	..
1998 Q1	88.9	3.1	0.8	..	..	..
Q2	89.5	3.7	0.7	..	..	..
Q3	90.1	3.6	0.7	..	..	..
Q4	90.8	2.9	0.8	..	..	..
1999 Q1	91.0	2.4	0.3	..	..	..
Q2	91.7	2.5	0.8	89.5	..	..
Q3	92.6	2.8	0.9	90.4	..	1.0
Q4	93.4	2.9	0.9	91.0	..	0.7
2000 Q1	94.2	3.5	0.9	93.4	..	2.6
Q2	95.2	3.8	1.1	93.5	4.5	0.1
Q3	95.4	3.1	0.2	94.1	4.1	0.6
Q4	95.9	2.7	0.5	93.8	3.0	-0.3
2001 Q1	96.8	2.8	1.0	95.1	1.8	1.4
Q2	96.6	1.5	-0.2	94.5	1.0	-0.6
Q3	96.9	1.5	0.3	95.1	1.1	0.6
Q4	96.8	1.0	-0.1	95.7	2.1	0.7
2002 Q1	97.6	0.8	0.8	96.6	1.6	0.9
Q2	97.4	0.8	-0.1	97.2	2.9	0.6
Q3	98.2	1.3	0.7	97.2	2.3	-
Q4	98.2	1.5	0.1	98.0	2.4	0.8
2003 Q1	99.0	1.4	0.7	99.0	2.5	1.0
Q2	99.4	2.1	0.5	99.1	1.9	0.1
Q3	100.2	2.1	0.7	100.0	2.8	0.9
Q4	101.4	3.2	1.2	101.9	4.0	1.9
2004 Q1	101.3	2.4	-0.1	101.7	2.7	-0.3
Q2	102.6	3.2	1.3	102.8	3.8	1.1
Q3	102.6	2.4	-	103.0	3.0	0.2
Q4	102.9	1.5	0.3	102.5	0.6	-0.5
2005 Q1	103.2	1.8	0.3	102.9	1.2	0.4
Q2	104.0	1.4	0.8	104.5	1.6	1.6
Q3	103.9	1.3	-0.1	104.0	0.9	-0.6
Q4	105.0	2.0	1.0	104.6	2.0	0.6
2006 Q1	105.8	2.5	0.8	106.0	2.9	1.3
Q2	106.4	2.3	0.6	106.7	2.0	0.7
Q3	106.4	2.3	-	106.8	2.8	0.2
Q4	107.3	2.3	0.9	107.5	2.8	0.6
2007 Q1	108.3	2.4	0.9	108.3	2.3	0.8
Q2	108.6 [†]	2.1 [†]	0.3 [†]	108.2 [†]	1.4 [†]	-0.2 [†]
Q3	108.9	2.3	0.2	109.1	2.1	0.8
Q4	109.2	1.8	0.4	110.3	2.6	1.1
2008 Q1	109.3	0.9	0.1	109.0	0.6	-1.2
Q2	109.2	0.5	-0.1	110.1	1.8	1.0
Q3	108.6	-0.2	-0.6	108.9	-0.2	-1.1
Q4	106.8	-2.3	-1.7	107.8	-2.3	-1.0

Market sector productivity figures are experimental

[†] indicates that estimates are new or have been revised. The period marked is the earliest in the table to have been revised

R1

REVISIONS ANALYSIS Revisions since previously published estimates

	Whole economy					
	Output per Worker		Unit wage costs		Output per hour worked	
	Change on quarter a year ago	Change on previous quarter	Change on quarter a year ago	Change on previous quarter	Change on quarter a year ago	Change on previous quarter
	A4YN	A4YO	LOJE	DMWL	LZVD	TXBB
2004 Q4	-	-	-	-	-	-
2005 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2006 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2007 Q1	-	-	0.1	0.1	-	-
Q2	-	-	0.1	0.1	-	-
Q3	-0.2	-0.3	0.4	0.2	-0.3	-0.3
Q4	0.2	0.5	0.3	-0.2	0.2	0.4
2008 Q1	0.1	-0.1	0.2	-	0.1	-0.1
Q2	-	-0.1	0.2	-	-	-0.1
Q3	0.3	-	-0.1	-0.1	0.3	-

	Manufacturing					
	Output per job		Unit wage costs		Output per hour worked	
	Change on quarter a year ago	Change on previous quarter	Change on quarter a year ago	Change on previous quarter	Change on quarter a year ago	Change on previous quarter
	LNNU	DMWV	LOUW	DMWB	LZVH	TXBF
2004 Q4	-	-	-	-	-	-
2005 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2006 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2007 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-0.4	-0.3
Q3	-	-	-	-	-0.8	-0.4
Q4	0.2	0.1	-0.1	-0.1	-0.5	0.3
2008 Q1	-	-0.1	-	0.1	-0.1	0.3
Q2	-	-	-	-	-0.2	-0.3
Q3	-	-	-	0.1	0.1	-0.3

	Services			
	Output per job		Output per hour worked	
	Change on a quarter a year ago	Change on previous quarter	Change on a quarter a year ago	Change on previous quarter
	GG5J	GG5K	GGM5	GGM6
2004 Q4	-	-	-	-
2005 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2006 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2007 Q1	-	-	-	-
Q2	-0.1	-	-0.1	-0.1
Q3	-0.3	-0.2	-0.3	-0.2
Q4	-	0.2	-	0.3
2008 Q1	-0.1	-0.1	-	-0.1
Q2	-	-	-	-
Q3	0.2	-	0.2	-