

Statistical bulletin

Output in the Construction Industry: December 2015 and Quarter 4 (Oct to Dec) 2015

A short-term measure of output by the private sector and public corporations in the construction industry in Great Britain, including quarterly data.

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Next release:
11 March 2016

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1 . Main points

In Quarter 4 (Oct to Dec) 2015, output in the construction industry was estimated to have decreased by 0.4% compared with Quarter 3 (July to Sept) 2015. This is a downward revision of 0.3 percentage points from the estimate included in the preliminary estimate of gross domestic product (GDP) published on 28 January 2016.

Downward pressure on the quarter came from repair and maintenance (R and M) which decreased by 1.4%. This was offset by an increase of 0.2% in all new work.

Between Quarter 4 (Oct to Dec) 2015 and Quarter 4 (Oct to Dec) 2014, output was estimated to have increased by 0.4%.

In December 2015, output in the construction industry was estimated to have increased by 1.5% compared with November 2015 due to an increase of 2.6% in all new work. This was offset by repair and maintenance which decreased by 0.5%.

When comparing the annual 2015 data with 2014, output in the construction industry was estimated to have increased by 3.4%. All new work increased by 6.8% while repair and maintenance decreased by 2.2%.

The preliminary estimate of gross domestic product (GDP) for Quarter 4 (Oct to Dec) 2015 published on 28 January 2016 contained a forecast for construction output of a fall of 0.1%. This estimate has been revised within this release based upon updated survey responses; output is now estimated to have decreased by 0.4%. This downward revision to construction output has no impact to 1 decimal place on GDP growth.

The release for December 2015 has a revision period back to January 2015. Revisions in this release were caused by the incorporation of late data. More information on revisions can be found in the background notes.

2 . About this release

Output is defined as the amount charged by construction companies to customers for the value of work (produced during the reporting period) excluding VAT and payments to sub-contractors.

Construction output estimates are a short-term indicator of construction output by the private sector and public corporations within Great Britain and are produced from a monthly survey of 8,000 businesses in Great Britain. The estimates are produced and published at current prices (including inflationary price effects) and at chained volume estimates (with inflationary effects removed) both seasonally adjusted and non-seasonally adjusted.

Chained volume measures are also described as volume. Construction output is used in the compilation of the output approach to measuring [gross domestic product \(GDP\)](#).

Detailed estimates along with a longer run of time series data are available to download in the Output in the Construction Industry, December 2015 reference tables. In these tables, users will find chained volume estimates back to Quarter 1 (Jan to Mar) 1997, and monthly estimates back to January 2010. Current price non-seasonally adjusted data are available back to Quarter 1 (Jan to Mar) 1955. More information on these statistics can be found in the "[Definitions and explanations](#)" article.

The data published in this release cover construction estimates for Great Britain. Construction output estimates for Northern Ireland can be obtained from the [Central Survey Unit](#).

National Statistics status

On 11 December 2014 the UK Statistics Authority announced its decision to suspend the designation of [Construction Price and Cost Indices](#) due to concerns about the quality of these deflators. As a result the UK Statistics Authority announced its decision to suspend the designation of Output and New Orders as National Statistics in respect of the Code of Practice for Official Statistics.

We took responsibility for the publication of the Construction Price and Cost indices from the Department of Business Innovation and Skills (BIS) on 1 April 2015. Since this point we have worked towards creating an interim solution to measure output prices and replace the statistical models that had been used in the production of chained volume measures (CVMs) for output in the construction industry since Quarter 3 (July to Sept) 2014 and to provide an ongoing source of data from Quarter 1 (Jan to Mar) 2014 onwards. This [interim solution](#) was included in the data published in June 2015 for all periods from January 2014 onwards.

A [work plan](#) for the development of construction price statistics was published on 11 December 2015 on our website and provides information on both our research into nominal data as well as construction price statistics.

3 . Output in the Construction Industry – Quarter 4 (Oct to Dec) 2015

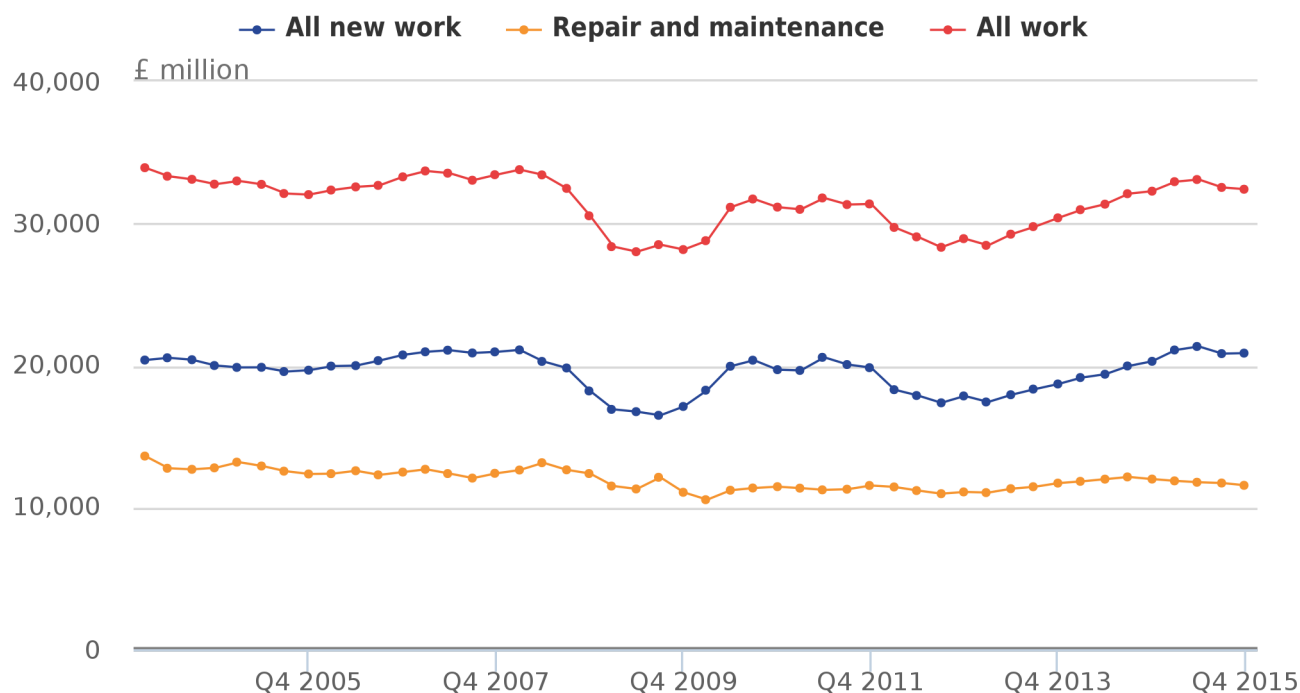
All work

In Quarter 4 (Oct to Dec) 2015 all work:

- decreased by 0.4% compared with Quarter 3 (July to Sept) 2015
- increased by 0.4% compared with Quarter 4 (Oct to Dec) 2014

Figure 1: All Work – quarterly time series chained volume measure, seasonally adjusted, £ million

Great Britain, Quarter 4 (Oct to Dec) 2015

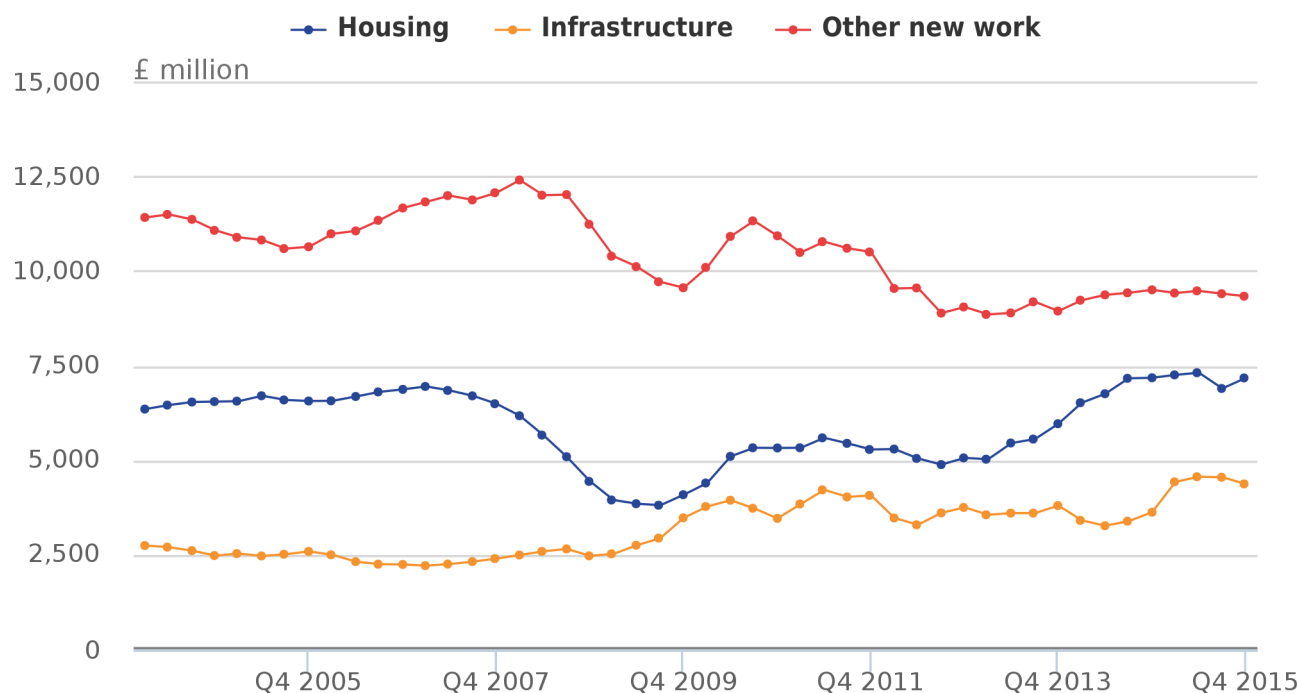


Source: Construction: Output and Employment - Office for National Statistics

Figure 1 shows the 2 main components of all work. The chart shows the fall in Quarter 4 (Oct to Dec) 2015 of 0.4% in all work compared with Quarter 3 (July to Sept) 2015 was caused by a decrease in repair and maintenance of 1.4%. All new work increased by 0.2%. All work increased by 0.4% in Quarter 4 (Oct to Dec) 2015 compared with the same period last year and is the lowest year-on-year increase since Quarter 1 (Jan to Mar) 2013 when it fell by 4.3%. All new work increased by 2.8% compared with the same period last year while repair and maintenance decreased by 3.7%.

Figure 2: Components of all new work, quarterly time series chained volume seasonally adjusted, £ million

Great Britain, Quarter 4 (Oct to Dec) 2015

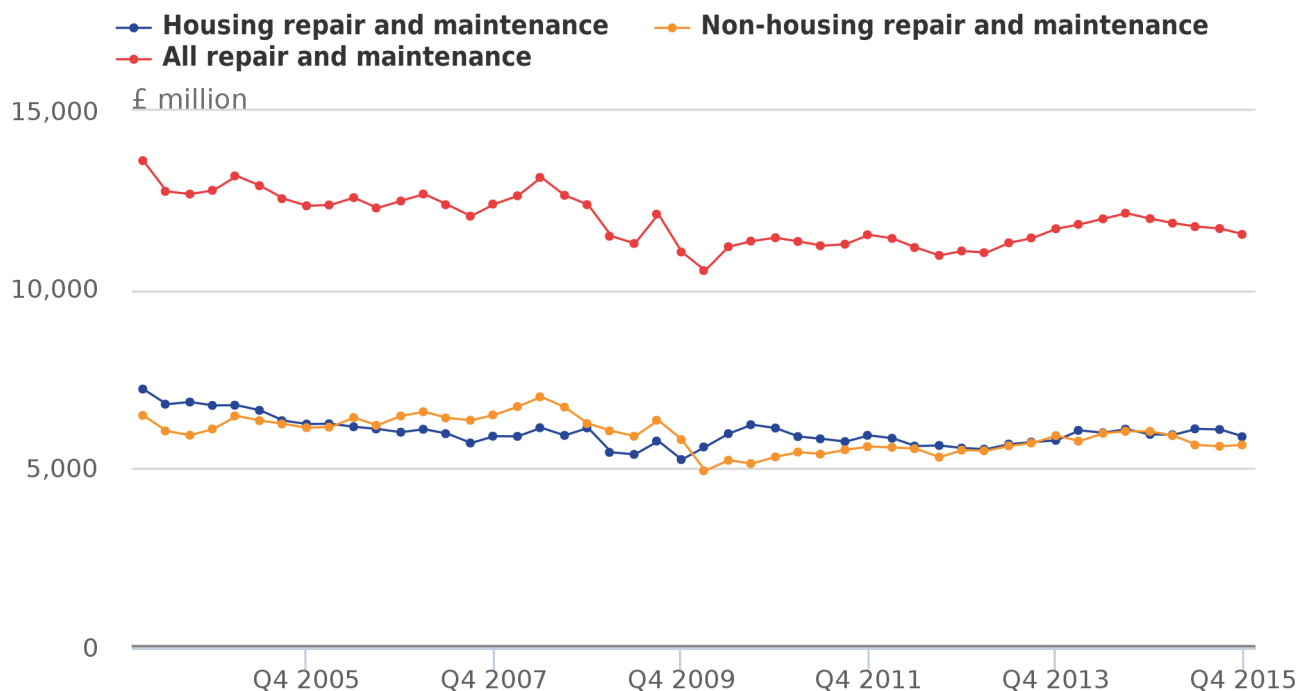


Source: Construction: Output and Employment - Office for National Statistics

Figure 2 looks at the main components of all new work. After sustained growth in new housing from Quarter 2 (Apr to June) 2013 to Quarter 2 (Apr to June) 2015, there was a fall in Quarter 3 (July to Sept) 2015 of 5.7%, followed by a return to growth in Quarter 4 (Oct to Dec) 2015 of 4.1%. In Quarter 4 (Oct to Dec) 2015, infrastructure reported a fall of 3.9% and was at its lowest level since Quarter 4 (Oct to Dec) 2014. Other new work continued to fall into Quarter 4 (Oct to Dec) 2015 and was at its lowest level since Quarter 1 (Jan to Mar) 2014.

Figure 3: Components of repair and maintenance, quarterly time series, seasonally adjusted, chained volume measure, £ million

Great Britain, Quarter 4 (Oct to Dec) 2015



Source: Construction: Output and Employment - Office for National Statistics

Figure 3 looks at the main components of repair and maintenance. In Quarter 4 (Oct to Dec) 2015, all repair and maintenance decreased for the fifth consecutive quarter, falling by 1.4%. Housing repair and maintenance decreased by 3.3% in Quarter 4 (Oct to Dec) 2015 while non-housing repair and maintenance increased by 0.7%. On the year, repair and maintenance fell by 3.7%. Non-housing repair and maintenance was the main contributor falling by 6.2%, while housing repair and maintenance fell by 1.1%.

Table 1: Component comparison to previous levels, chained volume measure, seasonally adjusted

Great Britain

	Current volume (£million)	Lowest volume (£million)	Date	Highest volume (£million)	Date	% change from lowest volume	% change from highest volume
New housing							
Public	1,127	296	1999 Q2	1,495	2014 Q3	280.7	-24.6
Private	6,041	3,017	2009 Q3	6,146	2006 Q4	100.2	-1.7
Total	7,168	3,499	1999 Q4	7,305	2015 Q2	104.9	-1.9
Other new work							
Infrastructure	4,367	2,209	2007 Q1	4,556	2015 Q2	97.7	-4.1
Excluding infrastructure							
Public	2,324	1,233	1997 Q2	3,842	2010 Q2	88.5	-39.5
Private industrial	1,062	822	2013 Q4	2,002	1999 Q2	29.2	-47
Private commercial	5,940	5,309	2012 Q3	8,741	2008 Q1	11.9	-32
All new work	20,861	15,288	1997 Q1	21,329	2015 Q2	36.5	-2.2

Source: Office for National Statistics

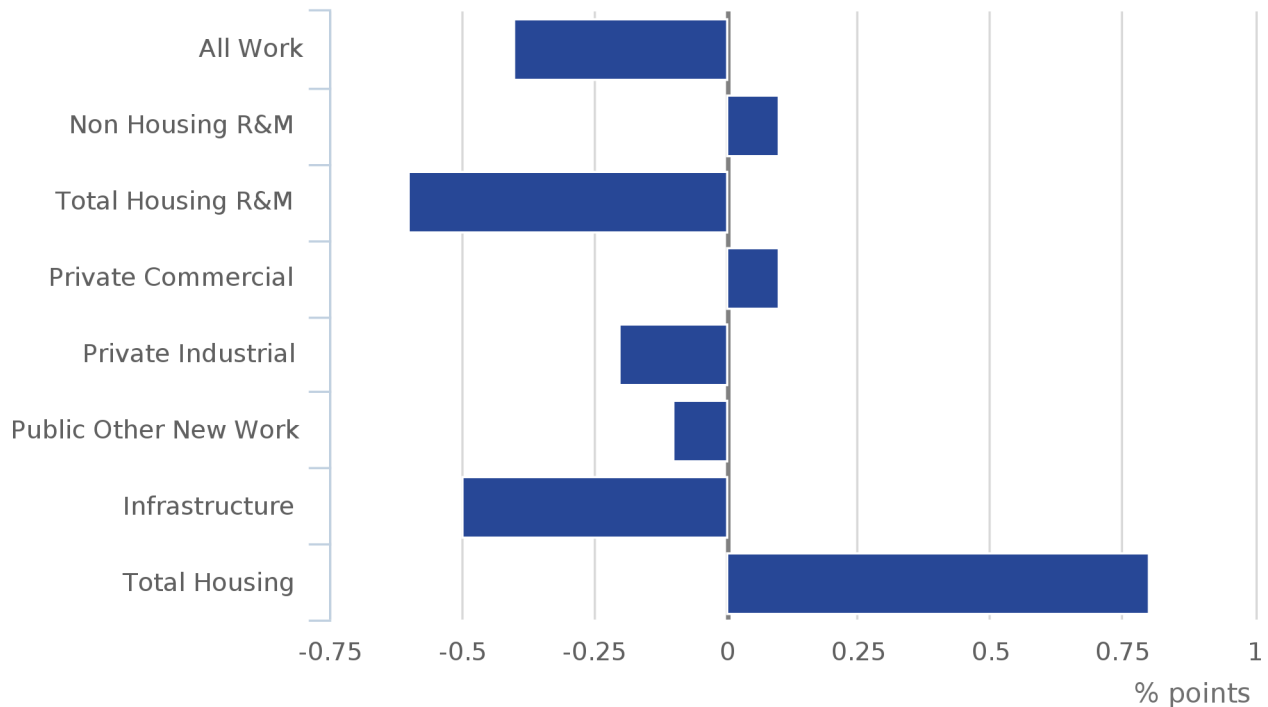
Notes:

1. Monthly time series for these components begins in January 2010.

4 . Contributions to growth quarterly

Figure 4: Contributions to quarter-on-quarter volume growth from the main construction sectors

Great Britain, Quarter 4 (Oct to Dec) 2015 compared with Quarter 3 (July to Sept) 2015



Source: Construction: Output and Employment - Office for National Statistics

Figure 4 shows the contribution of each sector to output growth in the construction industry between Quarter 3 (July to Sept) 2015 and Quarter 4 (Oct to Dec) 2015. In Quarter 4 (Oct to Dec) 2015, all work types except total housing, private commercial and non-housing repair and maintenance saw decreases in output. The largest downwards contribution came from housing repair and maintenance.

5 . December 2015

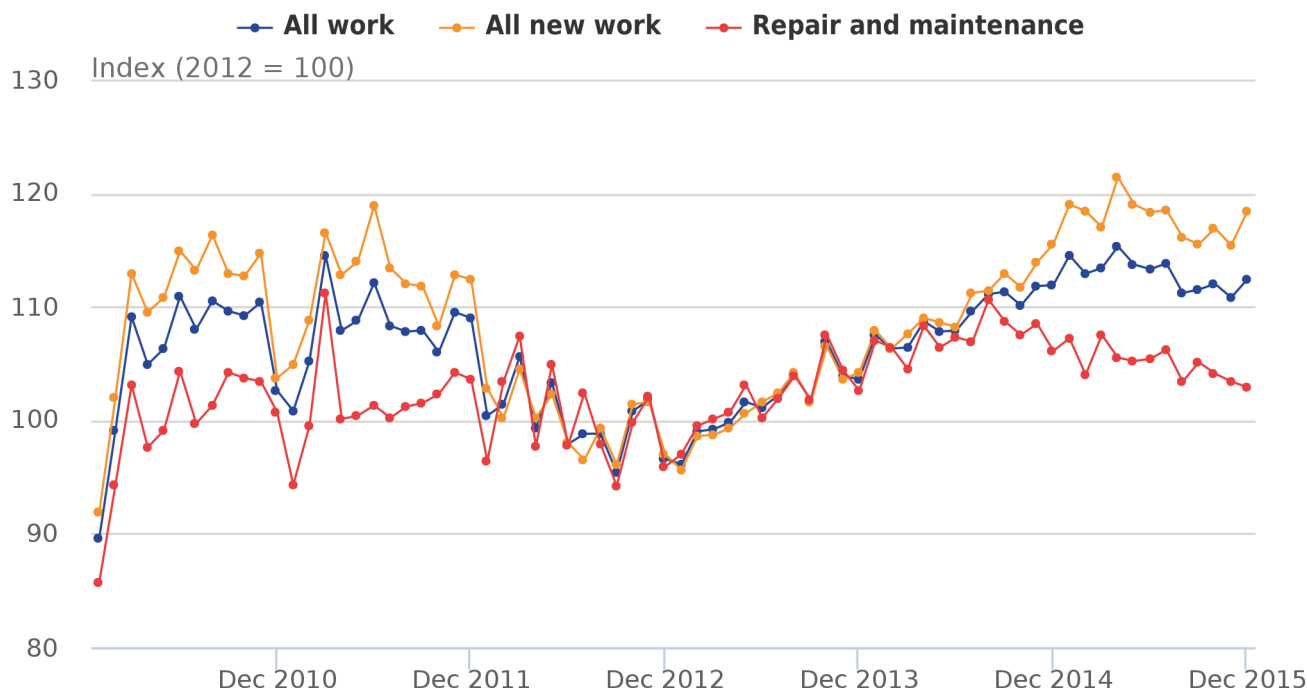
All work

In December 2015 all work:

- increased by 1.5% compared with November 2015
- increased by 0.5% compared with December 2014

Figure 5: All Work – monthly time series, chained volume measure, seasonally adjusted, index (2012 = 100)

Great Britain, December 2015

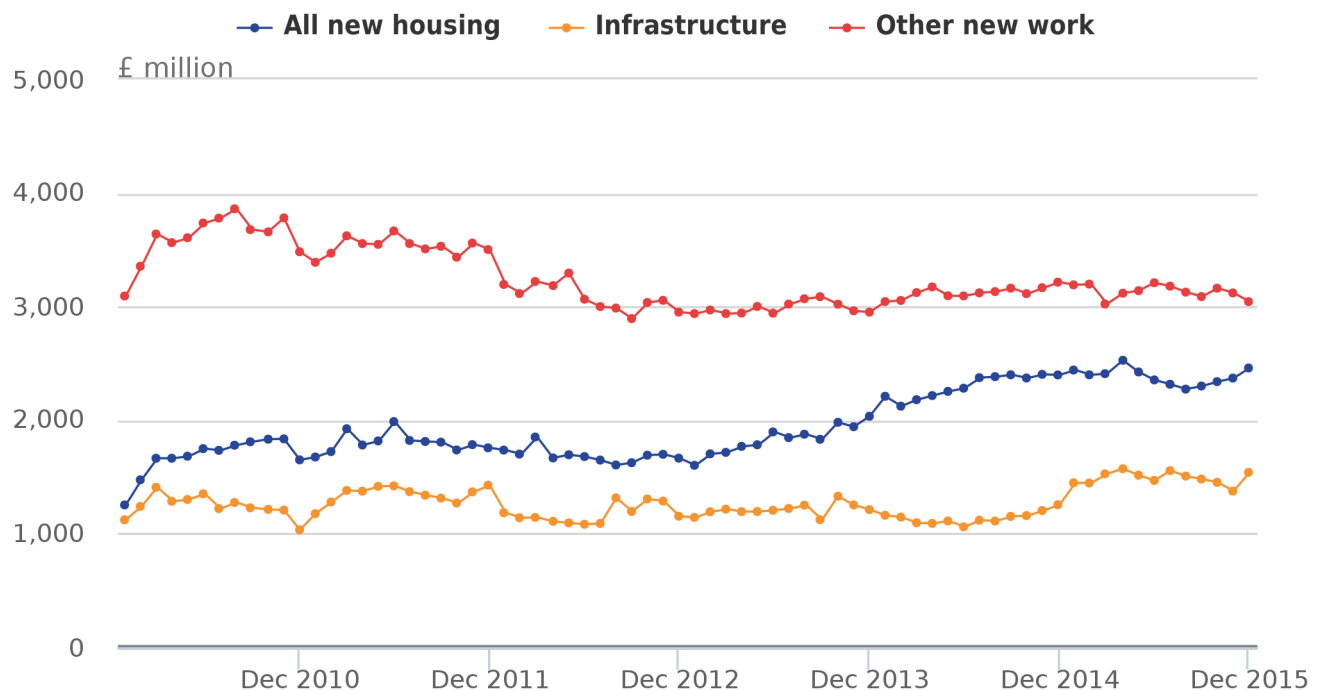


Source: Construction: Output and Employment - Office for National Statistics

Figure 5 shows the 2 main components of all work. The chart shows that since the series began in January 2010 the monthly path has been volatile. The early period shows that after a rise in output in early 2010, the level remained fairly consistent until late 2011 when output started to fall. Output increased steadily in 2013 and 2014 with all new work, and repair and maintenance performing at a similar level, however, in late 2014 the 2 components started to move in opposite directions. In December 2015, all work increased by 1.5% compared with November 2015. The main contributor was all new work which increased by 2.5% while repair and maintenance decreased by 0.5%.

Figure 6: Components of all new work, monthly time series, chained volume measure, seasonally adjusted £ million

Great Britain, December 2015

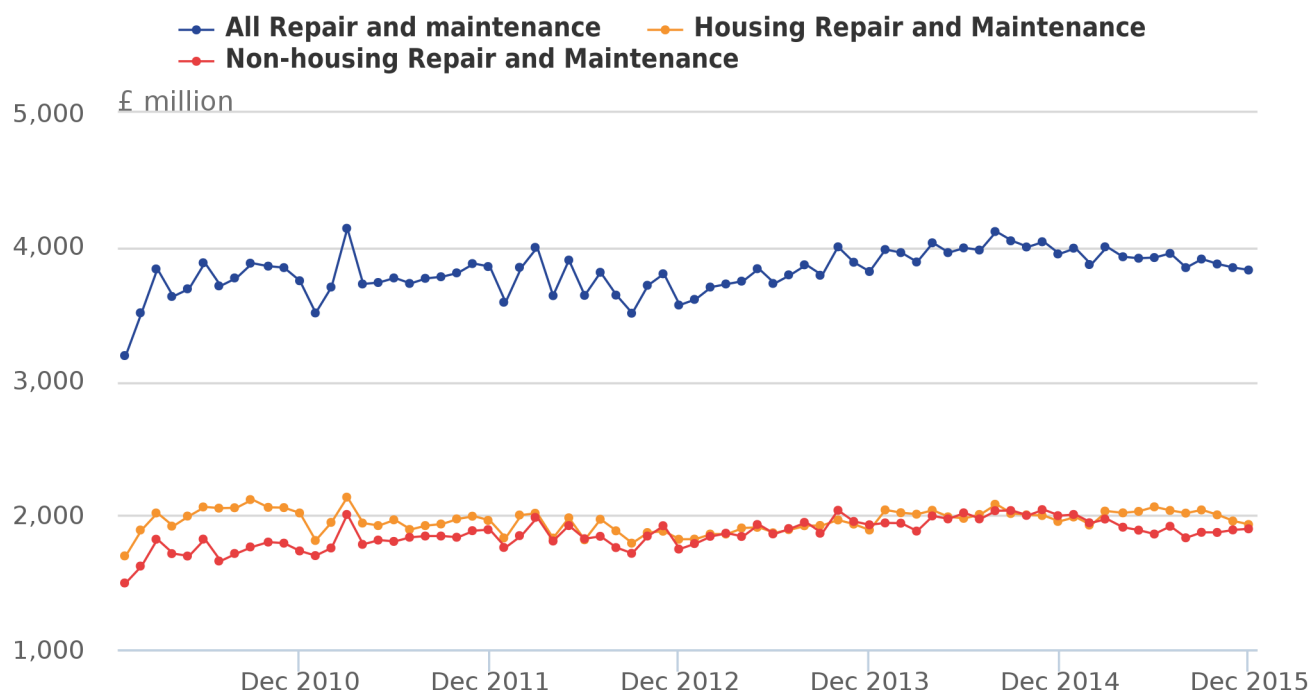


Source: Construction: Output and Employment - Office for National Statistics

Figure 6 looks at the main components of all new work. There was sustained growth in new housing from early 2013 to late 2014, however, there has been a mixed picture in 2015 with weakness between May 2015 and August 2015 followed by a return to growth from September 2015 to December 2015. Infrastructure continues to be volatile in 2015 but showed strong growth into December 2015, with an increase of 12.0% compared with November 2015, the highest month on month increase since January 2015. Other new work has been fairly flat since the end of 2012. In more recent periods there have been falls in 5 of the last 6 months, with December 2015 reporting a fall of 2.4% compared with November 2015, the largest month-on-month fall since March 2015.

Figure 7: Components of all repair and maintenance, monthly time series, chained volume measure, seasonally adjusted £ million

Great Britain, December 2015



Source: Construction: Output and Employment - Office for National Statistics

Figure 7 looks at the 2 main components of repair and maintenance. The level of both housing and non-housing repair and maintenance has been fairly consistent since 2010. In December 2015, housing repair and maintenance fell by 1.3% compared with November 2015, while there was an increase in non-housing repair and maintenance of 0.4% over the same period.

Summary of growth rates for all work types

Table 2 provides a summary of growth rates across the different types of construction work in December 2015. Some main points from this table are as follows:

- there were month-on-month increases in all work types except private industrial, private commercial and private housing repair and maintenance
- the year-on-year increase in all work was due to all new work; within all new work all work types except public new housing, public other new work and private commercial work reported increases
- all work types within repair and maintenance reported year-on-year decreases

Table 2: Construction output summary tables, chained volume measures, seasonally adjusted

Great Britain, December 2015

	Percentage change (%)				Most recent level (£m)
	Most recent 3 months on a year earlier	Most recent 3 months on 3 months earlier	Most recent month on the same month a year ago	Most recent month on the previous month	
Total all work	0.4	-0.4	0.5	1.5	10,870
Total all new work	2.8	0.2	2.5	2.6	7,043
Total repair and maintenance	-3.7	-1.4	-3.1	-0.5	3,828
All new work					
Total all new work	2.8	0.2	2.5	2.6	7,043
New housing					
Public corporations	-21.8	1.6	-16.8	11.3	403
Private sector	5.4	4.5	7.4	2.4	2,056
Other new work					
Infrastructure	20.7	-3.9	22.7	12.0	1,540
Excl infrastructure					
Public corporations	-4.7	-1.1	-3.6	0.7	784
Private sector					
Private sector - industrial	7.4	-6.2	0.7	-6.6	335
Private sector - commercial	-2.1	0.5	-7.0	-2.9	1,925
Repair and maintenance					
Total repair and maintenance	-3.7	-1.4	-3.1	-0.5	3,828
Housing					
Public corporations	-4.1	-4.3	-2.9	2.5	588
Private sector	0.3	-2.9	-0.4	-2.9	1,342
Non-housing	-6.2	0.7	-4.9	0.4	1,898

Source: Office for National Statistics

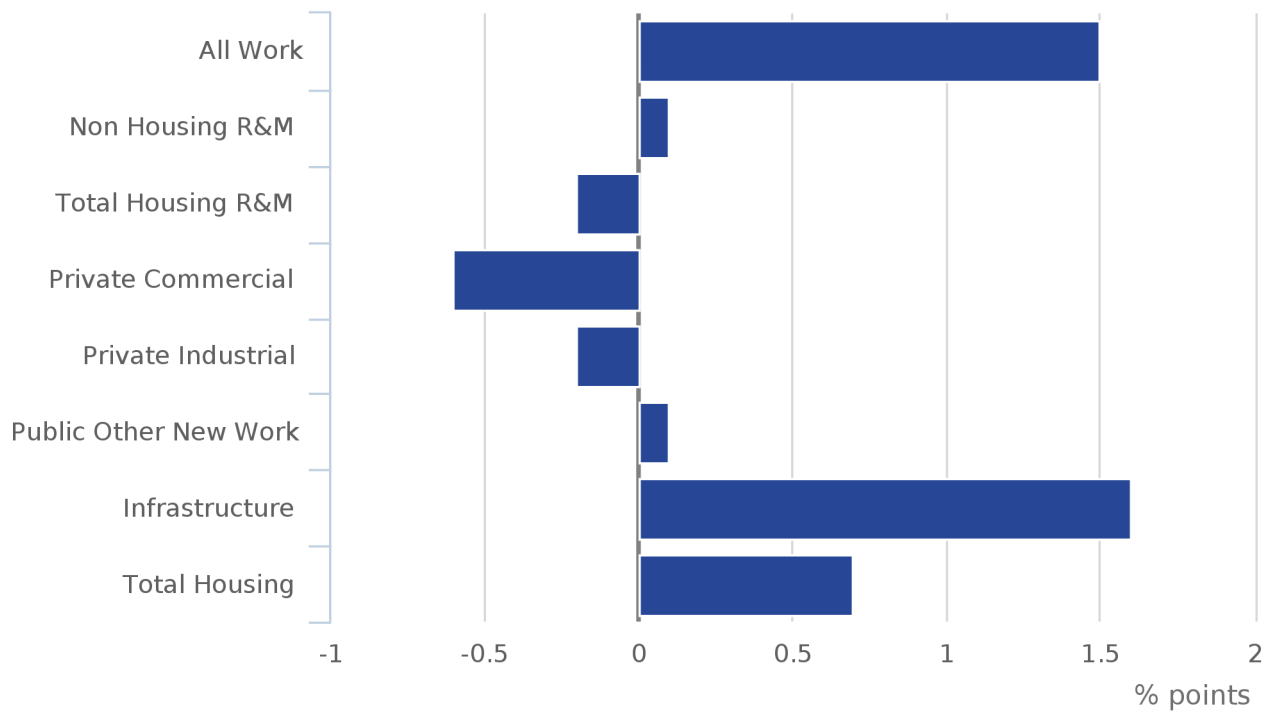
Notes:

1. Survey: Construction: Output and Employment.

6 . Contributions to growth monthly

Figure 8: Contributions to month-on-month volume growth from the main construction sectors

Great Britain, December 2015



Source: Construction: Output & Employment - Office for National Statistics

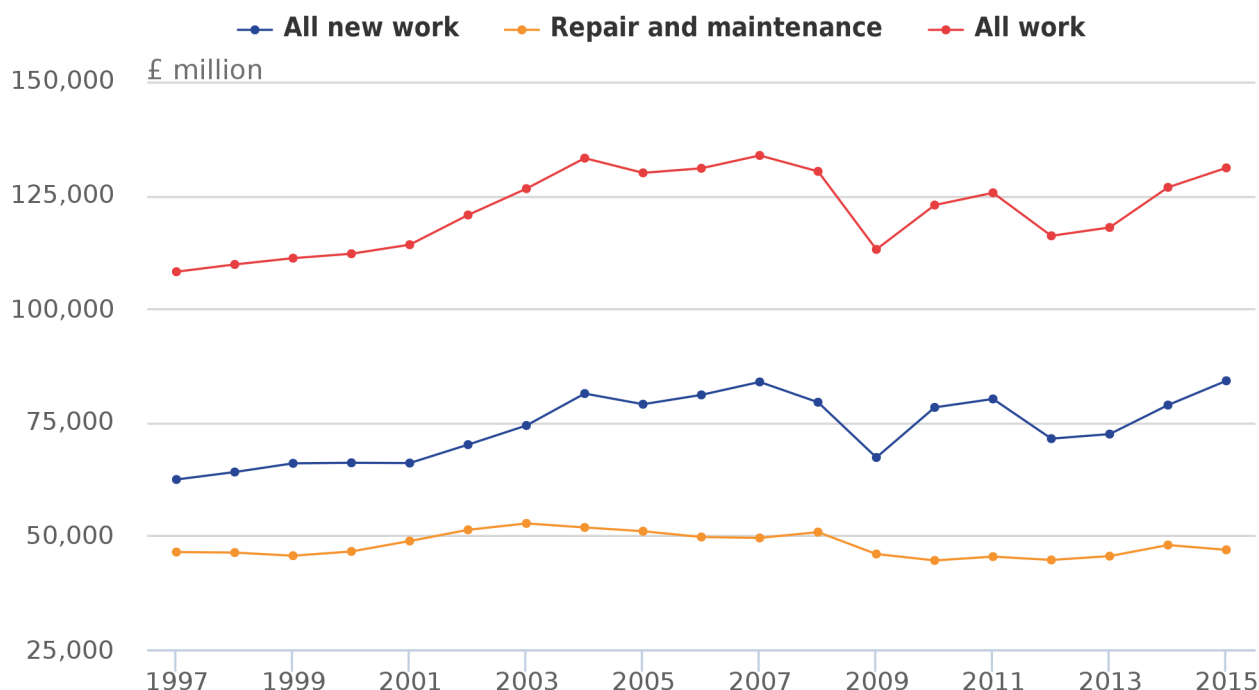
Figure 8 shows the contribution of each sector to output growth in the construction industry between November 2015 and December 2015. In December 2015, all work types except total housing repair and maintenance, private commercial and private industrial saw increases in output. The largest upwards contribution came from infrastructure.

7 . Analysis of 2015

Output in the construction industry grew by 3.4% in 2015 compared with 2014. The level of all work remained 2.0% below its peak in 2007.

Figure 9: All work, all new work and repair and maintenance, annual time series, chained volume measure, seasonally adjusted, £million

Great Britain, 1997 to 2015



Source: Construction: Output and Employment - Office for National Statistics

Figure 9 shows that the increase in all work in 2015 was caused by an increase in all new work, which increased by 6.8% compared with 2014. This was offset by repair and maintenance which fell by 2.2% and is the largest year-on-year decrease since 2010 when it decreased by 3.1%.

8 . The quality of the estimate of Output in the Construction Industry

Output in the Construction industry estimates are produced from the Monthly Business Survey on the second Friday of the month, 2 months after the reporting month. Revised results, for previously published periods, are published in line with the national accounts revisions policy. More information about the data content for this release can be found in the background notes.

Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. The response rate in December 2015 was 71.5% of questionnaires, accounting for 75.4% of registered turnover in the construction industry. Therefore the estimate is subject to revisions as more data become available.

The monthly output in the construction industry time series now spans 72 months, however, users should note that 60 months is the minimum time span recommended by Eurostat for seasonal adjustment. While the seasonal pattern is generally established after 60 months in a monthly time series, there is still potential for increased revisions until the seasonal pattern has matured.

All estimates, by definition, are subject to statistical uncertainty and for many well-established statistics we measure and publish the sampling error associated with the estimate, using this as an indicator of accuracy. For construction output we publish sample and non-sample errors in Table 11 of the main reference tables. It should be noted that we are continually working on methodological changes to improve the accuracy of the construction output estimates. Progress on these can be found on the [ONS continuous improvement](#) page on our website.

A close investigation of the sampling methods used during the production of the figures for the output in the construction industry release showed that the parameters used in the treatment of outliers resulted in more outliers being detected in the first 4 months of the year (January, February, March and April) than at any other point. In reviewing this, we found that this outlier treatment could be improved. This led to revisions across these 4 months in the estimates published by us on 11 December 2015. Additionally, we incorporated the results of a seasonal adjustment review which also contributed to revisions in the data. Implementation of these improvements has resulted in an inconsistency between the annual non-seasonally adjusted and seasonally adjusted data. This is currently being reviewed.

9 . Construction estimates in gross domestic product

Construction estimates are a main component of the output approach to measuring GDP along with the estimates of services, production and agriculture. As an aid to users, the short-term economic indicator releases that directly feed into GDP include an additional table of the GDP components. It is anticipated that this table will inform users of the relationship between the individual components which comprise GDP output. The publication dates and the quarterly growths of the individual GDP components are shown below.

Each component of GDP has a weight within GDP based on its value in 2012. Construction has a weight of 59, which means that it is 59 parts of the 1,000 that make up total GDP.

To determine the effect each component has on GDP multiply the component growth by its weight in GDP.

An example using Quarter 2 (Apr to June) 2015 data:

Construction growth = 1.4

Weight in GDP = 0.059 (59/1000)

Effect on GDP = $1.4 * 0.059 = 0.08$ or 0.1 to 1 decimal place (dp).

Revisions to components and the effect on GDP can be calculated using the same process. As a general rule there are no revisions to GDP when the component revisions are:

Index of Production (IoP) = between 0.3 and -0.3

Construction = between 0.9 and -0.9

Index of Services (IoS) = 0.0 (all values above or below 0.0 effect GDP due to the high weight of IoS in GDP).

Because;

$IoP = 0.148 * 0.4 = 0.0592$ or 0.1 to 1 dp

$Construction = 0.059 * 0.9 = 0.0531$ or 0.1 to 1 dp

$IoS = 0.786 * 0.1 = 0.0786$ or 0.1 to 1 dp

Table 3 shows the latest monthly and revised quarterly output figures that fed into the GDP Preliminary Estimate release for Quarter 4 (Oct to Dec) 2015 published on 28 January 2016.

Table 3: GDP component tables, chained volume measures, seasonally adjusted

Great Britain

Publication	Weight in GDP (%)	Publication date	Latest periods	% change	
				Most recent period on a year earlier	Most recent period on the previous period
GDP	100.0	28 Jan	Q4 2015	1.9	0.5
			Q3 2015	2.1	0.4
Index of Production	14.9	10 Feb	Q4 2015	0.6	-0.5
			Q3 2015	1.2	0.1
Construction output	5.9	12 Feb	Q4 2015	0.4	-0.4
			Q3 2015	1.4	-1.7
Index of Services	78.6	28 Jan	Q4 2015	2.2	0.7
			Q3 2015	2.4	0.6
Agriculture	0.7	28 Jan	Q4 2015	-1.8	0.6
			Q3 2015	-0.1	0.2

Source: Office for National Statistics

The Quarterly National Accounts published on 28 January 2016 contained an estimate for quarterly construction of a decrease of 0.1%. This estimate has been revised within this release based upon updated survey responses and is now estimated to have decreased by 0.4%.

10 . Economic context

On the month, construction output increased by 1.5% in December 2015, the fastest rate seen since April 2015. This followed a 1.1% contraction in November and 0.4% growth in October, resulting in a slight contraction (-0.4%) in output over the fourth quarter (Oct to Dec) of 2015.

The biggest contribution to the rise in output in December 2015 came primarily from growth in infrastructure, supplying a greater contribution to total growth than the other work types combined. Infrastructure increased by 12.0% on the month, the first positive increase since July 2015, which has resulted in output moving back to levels seen around the middle of 2015. New housing work, both public and private, made the next highest contributions to growth, increasing by 11.3% and 2.4% respectively. This was partially offset by a poorer performance in private industrial and commercial work types (other than infrastructure); output declined in these categories by 6.6% (the third successive month of contraction) and 2.9% over the month respectively.

Comparing December 2015 with December 2014, output increased by 0.5%, while the rate of construction output growth for the 2015 calendar year as a whole was 3.4%, lower than the historically strong growth of 7.5% seen in 2014, but above the pre-downturn average rate of growth. The largest increases over the calendar year came from infrastructure (22.7%) and private housing (7.4%). The largest contractions over the year were in public housing (-16.8%), non-infrastructure private commercial work (-7%) and non-housing repair and maintenance (-4.9%).

Over a longer time period it is clear that the construction of new housing has performed better than the majority of the remaining construction industry. Compared with levels seen prior to the downturn in Quarter 1 (Jan to Mar) 2008, new housing work has increased by 16.2% while the construction industry as a whole has fallen by 4.1%. However, much of this increase occurred in 2014; calendar year growth in new housing was 25.5% and has slowed since to just 3.7% in 2015. This is set against a backdrop of continued house price inflation – the [ONS House Price Index](#) indicates an increase in prices of 7.7% in the year to November 2015, while the average of the [Halifax](#) and [Nationwide](#) measures of house prices show an increase of 7.2% in the year to Quarter 4 (Oct to Dec) 2015. House price growth has coincided with an 11.6% rise in residential property transactions according to [HM Revenue and Customs data](#).

11 . International perspective

Output in the construction industry follows the [Eurostat Short Term Statistics \(STS\)](#) regulation for production in construction. Before any comparisons are made with the euro area or EU28, it is worth noting that the UK is the only member state to follow the A method for compiling [production in construction statistics](#).

The latest release of [production in construction](#) showed that construction output in the euro area (EA19) increased by 0.8% and by 0.7% in the EU28 in November 2015 compared with October 2015. The Great Britain estimate for November 2015 showed that construction output decreased by 1.1%. It should be noted that an accurate comparison cannot be made as Eurostat data are calculated on a 2010 = 100 basis, while Great Britain data are calculated on a 2012 = 100 basis.

Outside of the EU, the US Census Bureau release [Value of construction put in place](#) published on 1 February 2016, showed provisional estimates of construction output increased by 0.1% in December 2015 compared with November 2015 and increased by 8.2% compared with December 2014.

International comparisons

International construction comparisons are compiled by Eurostat. The estimates produced in this bulletin are included in these comparisons. Further information can be found on the [Eurostat](#) web page.

12. Background notes

1. Future improvements

As described in [Improving the Coverage of the Standard Business Survey Population](#) published on 21 December 2015, the coverage of our Standard Business Survey Population has been extended to include a population of solely PAYE-based businesses.

2. Statistical continuous improvement

In March 2012, as part of our [Statistical Continuous Improvement programme](#), we published a [Review of Sample Design and Estimation Methodology for Construction Output](#). This report evaluated the sample design and estimation methods used on the Construction Output Survey. The conclusions of the review were that the current sample is performing well and that the current methodology for estimation within the survey produces the smallest standard error.

In response to user feedback and in line with the announcement made in the article "[Improvements to the methods used to compile Output in the Construction Industry statistics](#)", this statistical bulletin now contains monthly seasonally adjusted chained volume estimates. Due to the potential for confusion when comparing constant price (volume) and chained volume measures, all references to constant price series for construction output have been removed from this, and future bulletins.

3. Understanding the data

I. Interpreting the data

When making comparisons it is recommended that users focus on chained volume measures or constant price (volume), seasonally adjusted estimates as these show underlying movements rather than seasonal movements.

Construction output estimates are subject to revision because of:

- late responses to the Construction Output Survey
- revisions to seasonally adjusted factors which are re-estimated every quarter
- annual updating of the Inter-Departmental Business Register (IDBR) that forms the basis of the sampling for the Construction Output Survey - this occurs in April and can have an effect on the results published in May

II. Definitions and explanations

[Definitions of terminology](#) found within the main statistical bulletin are available on our website.

4. Use of the data

Output in the Construction Industry estimates are widely used both internally and externally and have been identified by legal requirement and user engagement surveys.

The main users of data from the Output of the Construction Industry dataset are:

- UK National Accounts
- Eurostat, the statistical office of the European Union, in order to comply with statutory legislation on short-term business statistics (STS) - short-term business statistics provide information on the economic development of four major domains: industry, construction, retail trade and other services
- industry analysts requiring estimates of the construction industry output of Great Britain
- trade associations making UK and international comparisons and to forecast trends in the construction industry
- other government departments including; the Department for Business, Innovation and Skills (BIS), HM Treasury (HMT), Department for Communities and Local Government (DCLG) and the Office for Budgetary Responsibility (OBR)

As well as being a main indicator of the performance of construction companies, the results of the survey also contribute to the estimate of the gross domestic product of the UK, contributing approximately 5.9% of GDP.

More information on the uses made of [short-term economic statistics](#) is available on our website.

5. Methods

Our Monthly Construction output survey measures output from the construction industry in Great Britain. It samples 8,000 businesses, with all businesses employing over 100 people or with an annual turnover of more than £60 million receiving a questionnaire by post every month.

Estimates are based on output data collected through the monthly construction output survey. Response rates at the time of publication are included for the current month, and the 3 months prior. The response rates for those historical periods are updated to reflect the current level of response, incorporating data from late returns. There are 2 response rates included, with 1 percentage for the amount of turnover returned, and the other percentage for the amount of questionnaire forms.

Table 4: Overall response rates (%)

Great Britain		
Year Period	Turnover Questionnaire	
2015 December	75.4	71.5
November	90.0	75.8
October	89.1	79.0
September	92.1	78.6

6. Quality

The latest [Quality and Methodology report for the Output of the Construction Industry](#) estimates can be found on our website.

7. Revision policy

Construction output conforms to the standard [National Accounts revision policy](#), which can be found on our website. In line with this, the construction output release for December 2015 has revisions back to January 2015.

Figures for the most recent months are provisional and subject to revision in light of (a) late responses to the Monthly Business Survey MBS and (b) revisions to seasonal adjustment factors which are re-estimated every period.

8. Revisions

One indication of the reliability of the main indicators can be obtained by monitoring the size of revisions. Analysis of the previously published quarterly seasonally adjusted chained volume measure series has shown that revisions to construction data are small. Generally these quarterly revisions are less than 1 percentage point when compared with the final revised period 5 quarters after initial publication. This indicates that the published estimates are a reliable snapshot of the output in the industry at the date of publication.

The size and pattern of revisions for both output and new orders data which have occurred in the open period can be found in the new revision triangles on the construction web page. Please note that these indicators only report summary measures for revisions. The revised data may be subject to sampling or other sources of error. Details about this revisions material can be found in the document "[Revisions information in ONS First Release](#)".

It should be noted that due to seasonal adjustment taking place on a short span of data points used to interpret the seasonal effects, there is potential for increased revisions until the seasonal pattern is established within the time series. The seasonal pattern is generally established after 60 months in a monthly time series.

Please note that a monthly seasonally adjusted chained volume series is not available pre-2010. This is due to monthly data not being available for this period. These data are a requirement for creating previous year's prices from which chain-linked volume measures are created.

9. Relevant links

[Modelling Construction Statistics Deflators](#)

[Impact of quarterly employment question on monthly survey response](#)

[Government Statistical Service \(GSS\) uncertainty guidance](#)

[Annual Construction publication Construction Statistics, No. 15, 2014 Edition](#)

[Analysis of the construction industry](#)

[UK Statistics Authority assessment](#)

[Disclosure control policy](#)

[The circular flow of income](#)

[Types of Construction work](#)

[National Accounts and related statistics work plan](#)

10. Further information

Releases on construction output and employment prior to the transfer to ONS can be found on the [BIS website](#).

11. User engagement

The [user engagement](#) section of our website contains preliminary results of the survey held in regarding users' satisfaction and use of the new orders and construction output surveys.

We published a summary of [initial responses](#) to the Short-term indicators National Accounts survey on 9 February 2015.

12. Code of Practice for Official Statistics

National Statistics are produced to high professional standards which are set out in the [Code of Practice for Official Statistics](#). They undergo regular quality assurance reviews to ensure that they meet customer needs and are produced free from any political interference.

13. Publication policy

Details of the policy governing the release of new data are available from our [Media Relations Office](#).

Also available is a list of the organisations given [pre-publication access](#) to the contents of this bulletin.

14. Accessing data

The Output in the Construction Industry statistical bulletin and relevant time series datasets are available to download free from our [website](#) at 9.30 am on the day of publication.

15. Further information and user feedback

As a user of our statistics, we would welcome feedback on this release, in particular on the content, format and structure. For further information about this release, or to send feedback on our publications, please contact us using the following information.

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1A.A CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing			Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- structure	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I
1997	47.0	92.8	83.7	80.8	45.8	193.1	92.6	85.2	110.9	116.6	115.7	88.4	100.6	93.2
1998	38.1	93.8	82.7	78.5	48.3	196.7	100.4	87.4	103.6	119.1	114.0	89.3	100.4	94.6
1999	33.0	84.3	74.1	76.3	54.3	202.9	112.4	90.0	99.4	117.6	111.3	88.8	98.9	95.8
2000	41.5	94.2	83.7	71.6	51.4	181.2	113.3	90.2	96.2	118.1	110.2	93.5	100.9	96.6
2001	42.5	88.0	78.9	76.7	51.9	185.0	112.5	90.1	91.0	123.3	110.9	102.1	105.9	98.3
2002	48.0	95.9	86.3	86.7	65.7	146.8	116.2	95.6	86.3	133.5	114.7	108.8	111.2	104.0
2003	54.6	119.7	106.7	81.8	82.4	155.0	112.0	101.4	97.6	130.5	117.8	111.8	114.3	109.0
2004	65.6	145.4	129.5	71.4	92.6	159.7	123.5	111.0	107.1	126.7	119.5	106.9	112.4	114.7
2005	61.7	149.7	132.2	68.4	83.3	156.5	118.1	107.8	106.4	115.4	112.3	109.6	110.6	111.9
2006	72.7	150.1	134.7	63.1	76.5	169.6	128.2	110.6	101.8	108.3	106.0	109.9	107.8	112.8
2007	84.0	147.7	135.0	62.2	75.2	165.6	141.1	114.5	96.5	105.6	102.4	112.5	107.4	115.2
2008	75.9	114.6	106.9	69.1	83.7	128.2	142.8	108.4	99.3	106.7	104.1	116.2	110.2	112.2
2009	77.5	78.7	78.5	79.2	101.3	89.9	106.9	91.8	96.6	93.3	94.5	104.9	99.7	97.4
2010	117.5	94.8	99.3	105.6	137.9	103.2	109.0	109.6	107.0	104.7	105.5	93.9	99.8	105.8
2011	120.0	103.4	106.7	114.4	127.5	93.5	111.6	112.2	98.3	105.6	103.1	100.1	101.6	108.2
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	106.9	108.8	108.5	103.1	90.9	92.5	100.5	101.4	96.0	102.4	100.3	103.6	101.9	101.6
2014	141.3	134.9	136.2	96.9	88.5	105.4	106.8	110.4	97.4	110.8	106.3	108.4	107.4	109.2
2015	121.4	146.1	141.2	126.8	87.0	115.8	106.3	117.8	96.3	110.8	105.9	104.0	105.0	112.9

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

1A.Q CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing				Other New Work			Repair and Maintenance						
					Excluding Infrastructure			Housing					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I
2001 Q1	36.7	84.1	74.6	74.0	46.7	183.3	113.3	87.8	91.6	125.0	112.2	98.3	104.5	96.3
Q2	44.5	87.2	78.7	78.5	51.3	193.1	110.2	90.0	92.8	124.6	112.5	102.2	106.7	98.5
Q3	42.6	90.3	80.8	78.4	53.1	192.2	110.4	90.9	88.6	121.5	108.8	101.0	104.3	98.3
Q4	46.1	90.3	81.5	75.8	56.7	171.5	116.0	91.7	91.0	122.1	110.2	106.8	108.1	100.2
2002 Q1	47.7	90.7	82.2	84.2	59.2	149.9	115.2	92.8	87.5	123.8	109.7	108.8	109.0	101.2
Q2	46.5	90.3	81.6	85.9	63.7	140.7	115.3	93.4	85.6	131.7	113.3	107.3	109.8	101.9
Q3	49.2	98.1	88.4	91.4	68.6	149.0	117.1	98.0	84.4	135.7	115.0	108.2	111.1	105.5
Q4	48.5	104.3	93.2	85.5	71.4	147.8	117.1	98.4	87.6	143.0	120.6	110.9	115.1	107.2
2003 Q1	50.7	109.3	97.7	85.2	74.1	149.4	110.8	97.9	86.3	121.8	107.9	110.7	109.2	104.8
Q2	52.7	112.7	100.8	83.6	79.1	149.3	109.5	98.7	96.0	135.3	119.9	112.5	115.6	107.5
Q3	55.5	122.5	109.2	79.8	85.0	155.3	111.0	101.7	105.8	132.9	122.7	113.6	117.5	110.3
Q4	59.6	134.1	119.3	78.4	91.6	166.0	116.4	107.4	102.4	131.8	120.6	110.6	114.9	113.2
2004 Q1	65.3	142.4	127.1	74.3	94.9	167.9	122.4	111.3	109.6	133.9	124.9	112.8	118.1	117.0
Q2	66.7	144.7	129.2	73.2	94.1	161.3	125.2	112.2	106.1	124.1	117.5	105.3	110.6	114.9
Q3	66.2	146.9	130.8	70.7	92.0	157.2	124.6	111.4	104.4	127.1	118.6	103.2	110.0	114.1
Q4	64.4	147.6	131.1	67.2	89.4	152.3	121.7	109.2	108.2	121.9	116.9	106.2	110.9	113.0
2005 Q1	61.8	148.5	131.3	68.6	87.8	149.8	119.7	108.5	112.9	119.0	117.0	112.6	114.4	113.7
Q2	60.6	152.4	134.1	66.9	85.1	155.6	118.9	108.5	112.3	115.4	114.5	110.3	112.0	112.9
Q3	59.3	149.9	131.9	68.1	81.0	158.5	116.4	106.9	100.9	114.5	109.6	108.7	108.8	110.7
Q4	65.2	147.8	131.4	70.1	79.4	162.1	117.4	107.4	99.4	112.8	107.9	106.9	107.1	110.4
2006 Q1	68.4	147.1	131.4	67.7	78.8	169.9	122.3	109.0	99.8	112.7	108.1	107.2	107.3	111.5
Q2	71.8	149.1	133.8	62.8	76.8	167.6	125.0	109.1	98.9	110.9	106.6	111.8	109.1	112.3
Q3	74.8	151.4	136.2	61.0	75.7	168.1	130.2	111.1	105.3	105.4	105.5	108.0	106.6	112.7
Q4	75.9	152.8	137.5	60.8	74.9	172.9	135.3	113.2	103.2	104.2	104.0	112.6	108.3	114.7
2007 Q1	83.9	152.8	139.1	60.0	74.6	175.4	137.9	114.5	102.8	106.6	105.4	114.6	110.0	116.2
Q2	85.7	149.7	137.0	61.1	74.8	174.0	140.8	115.1	95.4	107.6	103.3	111.6	107.4	115.6
Q3	83.8	146.5	134.1	62.9	75.6	162.8	140.3	114.0	92.0	102.5	98.8	110.5	104.6	113.9
Q4	82.6	141.6	129.9	65.0	75.9	150.5	145.4	114.4	95.9	105.4	102.0	113.1	107.5	115.3
2008 Q1	79.2	134.6	123.6	67.5	80.2	148.4	149.5	115.2	96.3	105.1	102.0	117.2	109.6	116.5
Q2	78.1	122.1	113.3	70.2	82.3	132.4	144.2	110.8	102.6	108.0	106.1	121.9	114.0	115.2
Q3	76.1	108.3	101.9	71.9	85.9	123.1	144.3	108.2	100.4	103.5	102.4	116.9	109.7	111.9
Q4	70.3	93.4	88.8	66.9	86.3	108.9	133.0	99.4	97.9	110.5	106.1	108.9	107.4	105.3
2009 Q1	65.9	82.2	79.0	68.4	87.4	93.8	120.5	92.3	91.3	95.8	94.2	105.3	99.7	97.8
Q2	68.9	79.0	77.0	74.5	95.1	87.5	113.2	91.4	95.2	92.2	93.2	102.7	98.0	96.6
Q3	81.0	75.0	76.2	79.7	106.1	86.3	101.3	90.0	102.0	98.4	99.7	110.5	105.1	98.3
Q4	94.3	78.6	81.8	94.2	116.5	92.2	92.7	93.4	97.7	86.9	90.7	101.1	95.9	97.1
2010 Q1	101.1	83.1	86.7	106.9	127.9	97.0	102.0	102.3	106.7	94.8	98.8	89.8	94.4	99.2
Q2	116.9	96.5	100.6	111.7	142.3	105.7	108.2	111.7	109.4	103.2	105.3	95.2	100.3	107.4
Q3	125.6	100.0	105.1	105.6	140.6	118.1	114.3	114.1	106.0	111.6	109.7	93.5	101.7	109.4
Q4	126.3	99.7	105.0	98.0	140.8	92.0	111.5	110.4	105.8	109.3	108.1	96.9	102.6	107.4
2011 Q1	122.5	100.7	105.1	108.8	138.0	92.9	104.9	110.1	101.3	105.2	103.9	99.4	101.7	106.8
Q2	125.7	106.4	110.3	119.4	132.8	99.1	111.4	115.3	99.8	104.3	102.8	98.3	100.6	109.6
Q3	117.4	104.9	107.4	114.1	124.2	91.8	113.6	112.4	95.3	104.5	101.4	100.5	101.0	108.0
Q4	114.5	101.6	104.2	115.3	115.0	90.2	116.6	111.2	96.8	108.3	104.5	102.2	103.3	108.2
2012 Q1	101.9	105.0	104.4	98.3	106.3	93.7	103.0	102.5	96.7	106.3	103.1	101.8	102.4	102.5
Q2	98.0	99.9	99.5	93.2	102.6	98.9	104.2	100.2	99.2	99.2	99.2	101.1	100.1	100.2
Q3	100.0	95.4	96.3	102.1	97.6	100.7	94.4	97.3	102.2	98.2	99.5	96.8	98.2	97.6
Q4	100.1	99.7	99.8	106.3	93.5	106.8	98.3	100.0	101.9	96.4	98.2	100.4	99.3	99.7
2013 Q1	92.6	100.7	99.1	100.8	89.8	100.4	97.7	97.6	98.8	97.1	97.7	100.1	98.8	98.1
Q2	105.4	108.1	107.6	102.0	93.0	90.8	98.4	100.5	95.8	102.4	100.2	102.5	101.3	100.8
Q3	107.7	110.1	109.6	102.0	93.1	90.2	103.7	102.7	93.9	104.8	101.2	104.0	102.6	102.7
Q4	122.1	116.5	117.6	107.6	87.7	88.5	102.2	104.7	95.5	105.3	102.0	107.7	104.8	104.8
2014 Q1	132.9	127.5	128.6	96.5	86.3	99.1	106.2	107.3	97.8	111.6	106.9	104.9	106.0	106.8
Q2	140.4	131.5	133.3	92.5	87.8	108.4	106.5	108.6	97.9	109.7	105.8	108.9	107.3	108.1
Q3	148.5	139.5	141.3	96.0	89.6	107.9	106.6	111.9	97.5	112.6	107.5	110.0	108.7	110.7
Q4	143.2	141.2	141.6	102.6	90.4	106.4	107.9	113.7	96.3	109.3	105.0	109.9	107.4	111.3
2015 Q1	135.2	145.1	143.1	125.4	86.8	114.5	106.8	118.2	98.4	108.0	104.8	107.8	106.2	113.6
Q2	128.2	148.2	144.2	129.2	88.0	112.7	107.6	119.6	98.2	112.5	107.7	103.0	105.4	114.1
Q3	110.2	142.4	136.0	128.9	87.1	121.7	105.2	116.7	96.4	112.9	107.4	102.3	104.9	112.2
Q4	112.0	148.8	141.5	123.9	86.1	114.3	105.7	116.9	92.3	109.7	103.8	103.0	103.4	111.7

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

1A.M CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing			Other New Work				Repair and Maintenance						All Repair and Maintena- nce	All Work
				Excluding Infrastructure			All new work	Housing				Non housing R&M			
	Public housing	Private housing	Total new housing	Infra- structure	Public	Private industri- al	Private commerci- al	Public housing	Private housing	Total housing					
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I	
2010 Jul	123.6	97.5	102.7	103.9	141.1	122.8	113.6	113.2	107.6	109.0	108.5	90.6	99.7	108.0	
Aug	126.8	100.0	105.3	108.5	141.8	129.0	116.6	116.3	104.3	111.0	108.7	93.6	101.3	110.5	
Sep	126.4	102.4	107.1	104.5	138.9	102.4	112.7	112.9	106.2	114.8	111.9	96.3	104.2	109.6	
Oct	130.2	103.1	108.5	103.3	143.3	92.1	111.2	112.7	107.7	109.5	108.9	98.2	103.7	109.2	
Nov	131.8	102.9	108.7	102.8	141.9	94.4	118.1	114.7	106.6	109.8	108.7	97.8	103.4	110.4	
Dec	116.9	92.9	97.7	88.0	137.4	89.6	105.1	103.7	103.0	108.5	106.6	94.7	100.7	102.6	
2011 Jan	117.7	94.6	99.2	100.1	134.0	90.7	101.6	104.9	90.4	98.5	95.8	92.7	94.3	100.8	
Feb	119.5	97.7	102.0	108.9	138.1	91.9	103.7	108.8	102.4	103.2	103.0	95.8	99.5	105.2	
Mar	130.2	109.9	113.9	117.5	141.8	95.9	109.4	116.5	111.2	113.8	112.9	109.5	111.2	114.5	
Apr	122.6	101.2	105.5	116.9	133.9	95.2	109.7	112.8	99.9	104.1	102.7	97.4	100.1	107.9	
May	126.2	103.0	107.6	120.5	131.3	97.6	110.2	114.0	98.1	103.4	101.7	99.1	100.4	108.8	
Jun	128.3	115.1	117.7	120.9	133.1	104.5	114.4	118.9	101.3	105.3	103.9	98.5	101.3	112.1	
Jul	113.4	106.5	107.8	116.6	128.5	91.2	113.0	113.4	95.7	102.4	100.2	100.2	100.2	108.3	
Aug	113.7	105.8	107.3	114.0	123.6	93.0	112.5	112.0	95.6	104.8	101.7	100.7	101.2	107.8	
Sep	125.0	102.5	107.0	111.7	120.5	91.2	115.5	111.8	94.6	106.2	102.3	100.7	101.5	107.9	
Oct	116.2	99.5	102.9	108.1	110.7	93.2	114.7	108.3	96.1	108.5	104.3	100.2	102.3	106.0	
Nov	119.2	102.3	105.6	116.4	111.8	93.6	120.8	112.8	97.4	109.4	105.4	102.9	104.2	109.5	
Dec	108.2	103.0	104.0	121.4	122.7	83.7	114.2	112.4	97.0	107.2	103.8	103.4	103.6	109.0	
2012 Jan	108.6	101.4	102.8	100.7	109.2	92.3	102.8	102.8	95.3	97.6	96.8	96.1	96.4	100.4	
Feb	97.7	101.5	100.7	97.0	103.1	93.6	101.3	100.2	96.0	110.9	105.9	100.9	103.4	101.4	
Mar	99.6	112.1	109.7	97.3	106.5	95.1	105.0	104.5	98.9	110.4	106.5	108.3	107.4	105.6	
Apr	99.8	98.5	98.7	94.4	105.1	95.7	103.7	100.2	95.2	97.6	96.8	98.7	97.7	99.3	
May	96.8	101.3	100.4	93.2	105.2	103.7	108.2	102.3	103.6	105.4	104.8	105.0	104.9	103.3	
Jun	97.3	99.9	99.4	92.1	97.5	97.3	100.7	98.0	98.9	94.6	96.1	99.6	97.8	97.9	
Jul	102.9	96.3	97.6	92.7	98.4	101.9	96.0	96.5	103.0	104.8	104.2	100.6	102.4	98.8	
Aug	97.1	94.5	95.0	112.0	98.5	97.8	95.9	99.3	101.9	98.5	99.6	96.1	97.9	98.8	
Sep	99.9	95.3	96.2	101.8	96.0	102.3	91.4	96.1	101.7	91.2	94.7	93.7	94.2	95.4	
Oct	99.3	100.4	100.2	111.1	97.1	107.8	97.5	101.4	103.4	96.7	98.9	100.7	99.8	100.8	
Nov	100.0	100.8	100.6	109.5	94.8	106.2	99.9	101.6	103.5	97.4	99.4	104.9	102.1	101.8	
Dec	101.1	98.0	98.6	98.2	88.6	106.2	97.4	97.0	98.6	95.1	96.3	95.4	95.9	96.6	
2013 Jan	85.5	97.2	94.9	97.2	86.0	103.1	98.5	95.6	98.1	95.4	96.3	97.7	97.0	96.1	
Feb	93.3	102.7	100.9	101.5	91.2	102.4	97.8	98.6	99.1	97.9	98.3	100.6	99.5	99.0	
Mar	99.0	102.3	101.6	103.5	92.1	95.7	96.8	98.7	99.0	98.0	98.3	101.9	100.1	99.2	
Apr	99.3	106.1	104.8	101.6	91.3	92.6	97.9	99.3	99.5	101.3	100.7	100.6	100.7	99.8	
May	102.7	106.4	105.6	101.7	94.9	89.8	99.8	100.6	95.5	103.7	101.0	105.4	103.1	101.6	
Jun	114.2	111.8	112.3	102.6	93.0	90.0	97.4	101.6	92.3	102.2	98.8	101.6	100.2	101.1	
Jul	107.7	109.7	109.3	104.0	93.1	88.4	102.0	102.4	90.8	104.8	100.1	103.8	101.9	102.2	
Aug	106.7	112.2	111.1	106.4	91.2	98.4	103.7	104.2	96.1	104.4	101.6	106.3	103.9	104.1	
Sep	108.8	108.3	108.4	95.5	94.9	83.9	105.3	101.6	94.7	105.3	101.8	101.9	101.8	101.7	
Oct	121.9	116.2	117.3	113.1	88.0	86.2	104.7	106.5	97.0	107.4	103.9	111.2	107.5	106.9	
Nov	122.9	113.1	115.0	106.6	87.7	87.9	101.5	103.6	93.9	106.5	102.2	106.7	104.4	103.9	
Dec	121.5	120.2	120.4	103.2	87.5	91.4	100.4	104.2	95.6	102.1	99.9	105.3	102.6	103.6	
2014 Jan	129.4	131.2	130.9	98.9	87.6	93.8	104.9	107.9	101.6	111.1	107.9	106.1	107.0	107.5	
Feb	132.2	124.1	125.7	97.5	85.5	99.2	105.5	106.3	95.8	112.3	106.8	106.0	106.4	106.3	
Mar	137.1	127.2	129.1	93.2	85.8	104.4	108.2	107.6	95.9	111.4	106.2	102.7	104.5	106.4	
Apr	129.8	131.6	131.3	92.8	90.6	107.0	108.2	109.0	99.9	111.7	107.7	108.9	108.3	108.7	
May	144.7	130.6	133.4	94.6	85.5	108.1	106.3	108.6	96.5	109.5	105.1	107.7	106.4	107.8	
Jun	146.8	132.2	135.1	90.2	87.2	110.1	105.1	108.2	97.5	108.1	104.5	110.2	107.3	107.9	
Jul	146.1	139.3	140.6	95.2	88.0	106.2	106.8	111.2	97.2	110.5	106.1	107.7	106.9	109.6	
Aug	150.6	138.8	141.1	94.6	91.1	108.3	105.5	111.4	98.4	116.0	110.1	111.1	110.6	111.1	
Sep	148.8	140.4	142.1	98.0	89.8	109.2	107.6	112.9	96.9	111.2	106.4	111.1	108.7	111.3	
Oct	145.1	139.3	140.4	98.6	90.1	107.7	105.1	111.7	95.6	111.2	105.9	109.2	107.5	110.1	
Nov	140.2	142.8	142.3	102.4	90.6	104.1	108.3	113.9	97.9	109.6	105.7	111.5	108.5	111.8	
Dec	144.2	141.5	142.0	106.8	90.3	107.4	110.4	115.5	95.4	107.3	103.3	109.0	106.1	111.9	
2015 Jan	136.1	146.6	144.5	123.2	86.5	118.1	109.2	119.0	97.5	108.9	105.0	109.5	107.2	114.5	
Feb	136.0	143.6	142.1	123.1	88.7	113.8	109.2	118.4	96.9	104.4	101.9	106.1	104.0	112.9	
Mar	133.4	145.0	142.7	129.9	85.1	111.5	102.0	117.0	100.6	110.8	107.4	107.7	107.5	113.4	
Apr	137.7	152.7	149.7	133.8	87.2	115.1	105.5	121.4	96.8	111.7	106.7	104.3	105.5	115.3	
May	123.7	148.5	143.6	128.9	87.3	112.1	107.2	119.0	98.9	111.5	107.3	103.1	105.2	113.7	
Jun	123.2	143.4	139.4	125.0	89.6	110.8	110.0	118.3	99.0	114.2	109.1	101.5	105.4	113.3	
Jul	115.3	142.6	137.2	132.3	88.2	127.1	106.3	118.5	96.5	113.3	107.7	104.7	106.2	113.8	
Aug	103.9	142.3	134.6	128.2	86.6	117.4	105.9	116.1	95.7	112.1	106.6	100.0	103.4	111.2	
Sep	111.3	142.4	136.2	126.0	86.4	120.7	103.4	115.5	97.1	113.3	107.8	102.2	105.1	111.5	
Oct	108.2	146.1	138.5	123.5	84.7	118.7	108.4	116.9	93.7	112.1	105.9	102.2	104.1	112.0	
Nov	107.8	148.4	140.3	117.0	86.5	115.9	105.8	115.4	90.4	110.1	103.5	103.3	103.4	110.8	
Dec	120.0	152.0	145.6	131.0	87.1	108.2	102.7	118.4	92.7	106.8	102.1	103.7	102.9	112.4	

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

1B.A CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing			Other New Work			Repair and Maintenance							
				Excluding Infrastructure			Housing						All Repair and Maintenance	
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		All Work
	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V
1997	45.4	93.5	83.9	83.7	46.6	196.1	94.2	87.3	113.1	120.4	117.9	87.9	103.1	93.4
1998	36.7	94.3	82.9	81.3	49.0	199.7	102.1	89.6	105.6	122.8	117.0	88.8	103.1	94.8
1999	32.0	85.3	74.7	79.4	55.5	206.9	114.8	92.2	101.7	121.8	115.1	88.7	102.1	96.0
2000	40.1	95.0	84.1	74.3	52.4	184.2	115.4	92.4	98.2	122.1	114.1	93.1	103.8	96.8
2001	41.0	88.7	79.2	79.5	52.9	188.2	114.5	92.1	92.8	127.4	115.8	101.6	108.8	98.5
2002	46.4	96.6	86.6	89.9	66.8	149.1	118.2	97.5	88.1	137.9	121.2	108.3	114.8	104.2
2003	52.9	120.7	107.2	84.8	84.0	157.7	114.0	104.0	99.6	134.8	123.0	111.4	117.3	109.1
2004	63.8	147.2	130.6	74.3	94.7	163.0	126.2	114.3	109.7	131.5	124.1	106.9	115.6	114.8
2005	60.0	151.7	133.5	71.4	85.3	160.1	121.0	111.4	109.2	120.0	116.3	109.8	113.1	112.0
2006	71.1	152.8	136.6	66.1	78.7	174.3	131.8	114.4	104.9	113.0	110.3	110.5	110.4	112.8
2007	82.3	150.9	137.3	65.4	77.7	170.8	145.6	118.4	99.8	110.6	106.9	113.5	110.2	115.2
2008	74.5	117.3	108.8	72.8	86.5	132.3	147.6	111.7	102.9	112.0	108.9	117.5	113.1	112.3
2009	76.0	80.5	79.6	83.3	104.6	92.8	110.5	94.6	100.0	97.8	98.5	106.0	102.2	97.5
2010	117.5	94.8	99.3	105.6	137.9	103.2	109.0	109.6	107.0	104.7	105.5	93.9	99.8	105.8
2011	120.0	103.4	106.7	114.4	127.5	93.5	111.6	112.2	98.3	105.6	103.1	100.1	101.6	108.2
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	106.9	108.8	108.5	103.1	90.9	92.5	100.5	101.4	96.0	102.4	100.3	103.6	101.9	101.6
2014	139.4	136.6	137.1	100.7	89.5	107.0	106.2	111.4	97.9	111.4	106.8	110.7	108.7	110.4
2015	118.5	147.3	141.6	129.9	87.7	119.9	106.9	119.1	97.3	112.6	107.5	106.0	106.7	114.3

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

1B.Q CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED

INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing				Other New Work				Repair and Maintenance					
					Excluding Infrastructure				Housing				All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V
2001 Q1	35.1	83.4	73.8	75.8	46.7	180.4	111.9	87.6	97.0	126.7	116.7	97.0	107.0	95.1
Q2	44.7	88.1	79.4	81.0	51.8	196.9	111.1	91.7	92.0	128.4	116.2	99.0	107.7	97.9
Q3	41.8	92.1	82.1	82.3	54.4	196.4	113.9	93.9	90.6	127.8	115.3	102.9	109.2	99.8
Q4	42.4	91.2	81.5	78.9	58.7	179.2	121.1	95.1	91.9	126.7	115.0	107.6	111.3	101.4
2002 Q1	46.3	90.6	81.8	86.2	59.0	147.5	114.9	93.1	92.8	126.1	115.0	107.8	111.4	100.1
Q2	47.1	90.3	81.7	89.1	64.5	142.0	116.6	94.7	85.9	135.6	118.9	104.2	111.7	101.2
Q3	47.9	99.9	89.6	96.2	70.1	152.4	120.0	100.8	86.1	142.1	123.3	110.0	116.8	106.9
Q4	44.3	105.4	93.3	87.9	73.8	154.6	121.5	101.4	87.3	147.7	127.4	111.2	119.5	108.3
2003 Q1	50.3	109.5	97.8	87.4	74.1	149.0	111.1	99.0	92.0	124.2	113.4	109.7	111.6	103.8
Q2	53.4	112.5	100.8	86.8	80.1	149.8	110.6	100.5	97.0	138.7	124.7	108.8	116.9	106.8
Q3	53.6	124.6	110.5	84.4	86.8	158.4	113.7	105.3	107.7	139.0	128.5	115.5	122.1	111.8
Q4	54.1	136.0	119.8	80.5	94.9	173.6	120.7	111.4	101.8	137.4	125.4	111.6	118.6	114.1
2004 Q1	65.2	142.8	127.4	76.2	95.6	169.5	123.3	113.4	117.5	136.5	130.1	111.7	121.1	116.3
Q2	67.8	146.1	130.6	76.8	96.1	163.0	127.7	115.5	108.1	128.4	121.6	102.8	112.3	114.3
Q3	63.5	149.9	132.7	75.2	94.4	160.1	128.1	115.5	106.0	133.1	124.0	105.4	114.9	115.3
Q4	58.5	149.8	131.7	69.0	92.5	159.4	125.8	113.0	107.2	127.9	120.9	107.5	114.3	113.5
2005 Q1	62.4	149.3	132.0	70.5	89.4	153.2	121.5	111.2	121.6	121.4	121.5	111.9	116.8	113.4
Q2	61.2	154.4	135.9	70.3	86.7	157.5	121.1	112.0	113.6	119.5	117.5	107.6	112.6	112.2
Q3	56.9	153.5	134.3	72.8	83.3	160.9	120.1	111.3	102.5	119.7	113.9	111.3	112.6	111.8
Q4	59.7	149.7	131.8	71.9	81.9	168.9	121.0	110.9	99.0	119.2	112.4	108.3	110.4	110.7
2006 Q1	69.3	148.3	132.6	69.8	80.7	175.5	125.0	112.2	107.5	114.8	112.3	106.8	109.6	111.2
Q2	72.4	152.0	136.2	66.5	78.2	170.2	127.4	112.6	99.9	115.4	110.2	109.3	109.8	111.5
Q3	72.4	155.9	139.3	65.5	78.3	171.0	135.4	115.9	108.1	110.2	109.5	111.2	110.3	113.8
Q4	70.2	155.2	138.3	62.5	77.6	180.5	139.7	116.8	104.1	111.6	109.1	114.7	111.9	114.9
2007 Q1	84.5	154.8	140.9	62.1	76.8	182.0	141.5	117.9	109.8	108.5	108.9	114.7	111.8	115.6
Q2	85.7	153.7	140.2	65.2	76.4	177.3	144.2	118.9	96.6	112.9	107.4	109.8	108.6	114.9
Q3	81.9	151.2	137.5	67.6	78.6	166.0	146.9	119.2	95.5	107.2	103.3	114.0	108.6	115.1
Q4	76.9	143.8	130.5	66.7	78.8	157.9	149.9	117.6	97.2	113.7	108.2	115.5	111.8	115.4
2008 Q1	79.2	136.8	125.4	70.1	82.5	154.1	153.6	118.3	101.6	106.6	104.9	117.7	111.2	115.6
Q2	77.7	125.5	116.0	75.1	84.1	133.9	147.8	114.0	104.7	113.5	110.5	120.0	115.2	114.5
Q3	75.0	112.3	104.9	77.3	89.3	126.0	152.2	113.1	106.1	108.5	107.7	120.9	114.2	113.5
Q4	65.9	94.4	88.8	68.7	90.2	115.3	136.8	101.5	99.2	119.3	112.6	111.3	111.9	105.5
2009 Q1	65.9	83.2	79.8	71.1	89.8	96.8	122.7	94.0	95.5	96.5	96.1	105.6	100.8	96.6
Q2	69.1	81.5	79.0	80.3	97.4	87.7	116.3	94.3	97.8	97.0	97.2	101.2	99.2	96.2
Q3	80.0	77.8	78.2	85.3	109.5	88.1	107.6	94.1	108.4	103.1	104.9	113.9	109.3	100.0
Q4	88.8	79.6	81.4	96.6	121.9	98.8	95.4	95.8	98.2	94.8	95.9	103.2	99.5	97.3
2010 Q1	101.2	77.6	82.3	104.1	123.9	95.3	98.4	98.7	110.6	88.0	95.6	88.3	92.0	96.1
Q2	117.7	97.3	101.4	114.2	137.8	103.3	106.8	111.2	105.7	102.5	103.6	93.1	98.4	106.3
Q3	126.7	102.1	107.0	107.3	146.7	119.5	119.5	117.7	106.9	113.1	111.0	99.7	105.4	113.0
Q4	124.2	102.2	106.6	96.5	143.3	94.7	111.2	111.0	104.8	115.3	111.8	94.3	103.2	108.0
2011 Q1	120.8	93.3	98.7	105.7	131.8	91.1	100.3	105.2	105.5	97.7	100.3	97.6	99.0	102.8
Q2	127.2	108.1	111.9	121.8	129.2	97.5	110.2	115.2	95.8	103.5	100.9	95.7	98.4	108.7
Q3	118.4	107.5	109.7	115.7	132.4	92.2	118.8	116.3	96.0	106.7	103.1	107.4	105.2	112.0
Q4	113.7	104.9	106.6	114.4	116.6	93.2	117.3	112.3	96.0	114.3	108.2	99.8	104.0	109.1
2012 Q1	99.4	95.8	96.5	95.2	100.6	90.7	97.7	96.9	101.0	98.4	99.3	99.7	99.5	97.9
Q2	99.9	102.4	101.9	94.4	99.5	98.3	102.9	100.2	94.8	98.4	97.2	98.2	97.7	99.2
Q3	101.2	98.3	98.9	103.7	104.8	102.2	99.2	101.0	102.5	100.8	101.4	103.9	102.6	101.6
Q4	99.6	103.6	102.8	106.8	95.1	108.8	100.2	101.9	101.7	102.3	102.1	98.3	100.2	101.3
2013 Q1	89.8	90.2	90.1	97.5	82.6	96.0	92.2	91.4	101.9	89.3	93.5	97.4	95.5	92.9
Q2	107.8	111.3	110.6	102.5	90.5	92.2	96.8	100.7	91.5	101.6	98.3	99.4	98.8	99.9
Q3	109.0	113.4	112.5	103.5	101.3	92.2	108.6	106.7	94.7	107.7	103.3	111.5	107.4	107.0
Q4	121.1	120.5	120.7	108.9	89.2	89.4	104.4	106.8	95.7	111.1	105.9	106.0	106.0	106.5
2014 Q1	123.3	116.6	117.9	96.6	79.7	96.7	99.3	101.0	102.3	104.4	103.7	104.6	104.1	102.2
Q2	144.2	138.6	139.7	97.5	87.6	112.0	104.4	110.9	94.2	109.7	104.5	108.5	106.5	109.2
Q3	147.9	144.4	145.1	101.4	98.3	114.3	110.4	116.8	99.0	116.1	110.3	119.0	114.6	116.0
Q4	142.3	146.7	145.8	107.3	92.6	105.2	110.5	116.9	96.2	115.2	108.8	110.8	109.8	114.2
2015 Q1	124.7	132.7	131.1	124.9	79.9	114.1	101.0	111.8	103.5	102.0	102.5	107.4	104.9	109.1
Q2	131.4	155.9	151.0	133.5	87.6	118.6	106.7	122.3	95.1	113.8	107.5	102.3	104.9	115.6
Q3	108.3	146.5	138.9	133.9	95.4	130.0	110.2	121.9	98.5	118.2	111.6	110.3	111.0	117.7
Q4	109.5	154.1	145.2	127.5	88.0	116.9	109.4	120.3	92.1	116.4	108.2	103.9	106.1	114.8

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

1B.M CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED

INDEX NUMBERS BY SECTOR

Index 2012 = 100

	New Housing			Other New Work					Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V
2010 Jul	123.2	99.5	104.2	107.2	144.7	121.6	117.6	116.1	108.6	112.1	111.0	94.7	102.9	111.0
Aug	129.3	101.1	106.7	109.2	151.5	130.6	123.0	120.3	104.4	109.5	107.8	102.2	105.1	114.5
Sep	127.6	105.8	110.1	105.5	144.0	106.3	117.9	116.6	107.6	117.6	114.2	102.1	108.3	113.4
Oct	130.5	110.4	114.4	103.7	150.8	94.7	116.3	117.3	109.0	117.6	114.7	99.0	107.0	113.4
Nov	131.1	107.1	111.8	102.5	150.0	101.3	120.1	117.8	110.3	120.5	117.1	96.9	107.1	113.7
Dec	111.2	89.2	93.6	83.5	129.1	88.0	97.3	97.9	95.1	107.9	103.6	87.1	95.5	96.9
2011 Jan	108.3	82.3	87.5	91.0	115.9	82.6	90.1	93.1	83.6	88.7	87.0	84.4	85.7	90.2
Feb	117.8	90.4	95.9	101.9	128.7	89.3	96.4	101.8	104.3	93.9	97.4	93.8	95.6	99.4
Mar	136.5	107.0	112.8	124.3	150.7	101.3	114.3	120.7	128.5	110.7	116.7	114.4	115.6	118.7
Apr	121.6	98.5	103.0	116.1	126.8	87.4	104.9	109.0	93.1	99.6	97.5	94.6	96.1	104.0
May	127.1	104.8	109.2	123.0	128.4	100.6	108.5	114.2	94.3	102.4	99.7	95.6	97.7	107.8
Jun	132.9	120.9	123.3	126.4	132.2	104.5	117.3	122.4	100.0	108.3	105.5	97.0	101.3	114.3
Jul	112.2	109.4	110.0	119.6	134.0	89.9	116.4	116.5	96.0	106.7	103.1	104.6	103.8	111.6
Aug	115.6	106.5	108.3	114.2	136.3	94.1	118.7	116.3	96.1	104.2	101.5	110.3	105.8	112.3
Sep	127.3	106.5	110.7	113.2	127.0	92.4	121.2	116.0	96.0	109.3	104.8	107.2	106.0	112.1
Oct	117.6	108.3	110.2	109.9	117.9	98.0	122.3	114.5	98.5	117.5	111.2	101.7	106.5	111.4
Nov	120.3	108.3	110.7	117.7	118.4	99.8	124.3	117.0	102.0	120.2	114.1	102.7	108.5	113.7
Dec	103.1	97.9	99.0	115.5	113.5	82.0	105.2	105.5	87.5	105.2	99.3	94.9	97.1	102.3
2012 Jan	98.5	87.0	89.3	90.6	92.9	80.8	91.2	90.3	87.4	86.0	86.5	86.6	86.5	88.8
Feb	95.0	92.1	92.7	90.4	96.8	93.0	93.0	93.0	100.6	101.2	101.0	98.5	99.8	95.6
Mar	104.6	108.2	107.5	104.5	112.1	98.4	109.0	107.6	115.0	108.1	110.4	113.8	112.1	109.3
Apr	99.3	95.5	96.3	92.7	99.4	89.8	99.1	96.6	88.4	93.3	91.7	95.5	93.6	95.4
May	98.2	104.1	102.9	94.5	103.7	109.2	107.4	103.1	99.4	104.6	102.8	100.9	101.9	102.6
Jun	102.2	107.5	106.4	96.0	95.4	95.9	102.1	100.8	96.5	97.4	97.1	98.0	97.6	99.5
Jul	101.9	100.1	100.5	94.9	104.1	104.6	100.3	100.1	103.0	110.2	107.8	105.4	106.6	102.6
Aug	98.8	94.9	95.6	112.1	110.1	97.2	101.4	103.0	102.4	98.3	99.7	105.7	102.6	102.8
Sep	102.8	99.9	100.5	104.1	100.3	104.8	95.9	100.0	102.2	93.9	96.7	100.6	98.6	99.4
Oct	101.1	111.3	109.3	114.9	105.0	112.3	108.3	109.6	108.2	107.1	107.5	103.6	105.6	108.0
Nov	101.7	107.6	106.4	112.0	99.5	109.5	104.7	106.1	109.2	107.9	108.4	105.2	106.8	106.4
Dec	96.0	91.7	92.6	93.4	80.8	104.5	87.6	90.0	87.7	92.0	90.5	86.1	88.4	89.4
2013 Jan	76.8	81.7	80.7	86.5	71.8	91.4	87.3	83.1	89.9	82.6	85.0	87.5	86.3	84.3
Feb	89.5	90.9	90.6	94.7	80.6	101.7	90.0	90.3	100.0	88.8	92.6	97.1	94.8	92.0
Mar	103.3	97.8	98.9	111.3	95.5	94.8	99.2	100.7	115.9	96.4	102.9	107.7	105.3	102.5
Apr	98.6	103.6	102.6	98.8	87.0	91.0	94.3	96.2	93.2	97.8	96.2	97.4	96.8	96.5
May	104.3	109.6	108.5	102.4	93.9	93.5	99.3	101.4	91.8	102.9	99.2	100.7	99.9	100.8
Jun	120.4	120.7	120.7	106.4	90.8	92.1	96.8	104.3	89.6	104.3	99.4	100.1	99.7	102.6
Jul	106.9	114.7	113.1	105.8	100.1	92.1	107.2	106.8	91.4	110.9	104.4	109.1	106.7	106.7
Aug	108.1	111.8	111.1	106.1	102.6	98.9	107.6	107.1	96.7	103.9	101.5	115.7	108.5	107.6
Sep	112.1	113.7	113.4	98.5	101.0	85.7	110.8	106.3	96.1	108.2	104.1	109.8	106.9	106.6
Oct	124.2	128.7	127.8	118.3	95.7	91.0	116.1	115.5	102.4	118.3	113.0	115.1	114.0	114.9
Nov	125.0	119.4	120.5	110.0	91.3	88.4	105.7	107.7	99.3	116.5	110.7	107.0	108.9	108.2
Dec	114.1	113.5	113.6	98.3	80.6	89.0	91.4	97.3	85.3	98.7	94.2	95.8	95.0	96.4
2014 Jan	106.9	112.5	111.4	89.8	72.5	78.8	92.2	93.5	95.5	96.6	96.2	96.4	96.3	94.6
Feb	122.0	110.1	112.4	94.6	75.8	101.3	96.3	97.7	96.9	102.7	100.8	102.4	101.6	99.2
Mar	141.0	127.1	129.9	105.5	90.8	109.9	109.5	111.7	114.4	114.0	114.1	114.9	114.5	112.8
Apr	126.7	132.3	131.2	96.5	88.6	108.2	104.0	108.1	94.1	109.0	104.0	108.1	106.0	107.3
May	144.9	135.8	137.6	99.8	85.6	114.3	104.0	110.5	92.5	109.0	103.5	106.4	104.9	108.3
Jun	160.9	147.9	150.5	96.2	88.5	113.5	105.2	114.2	96.1	111.1	106.1	110.9	108.5	112.0
Jul	143.7	148.4	147.5	102.2	96.7	117.0	112.3	118.2	99.3	118.9	112.3	116.9	114.6	116.8
Aug	149.4	137.6	140.0	98.5	101.3	110.7	106.6	113.9	97.0	113.2	107.7	118.9	113.2	113.6
Sep	150.7	147.1	147.8	103.6	96.9	115.1	112.3	118.5	100.6	116.1	110.9	121.1	115.9	117.5
Oct	148.0	156.6	154.9	110.0	99.7	105.3	116.9	123.1	100.7	123.4	115.8	118.2	117.0	120.8
Nov	142.4	147.5	146.5	108.7	93.6	106.4	111.5	117.9	101.8	116.8	111.8	112.7	112.2	115.7
Dec	136.6	135.9	136.0	103.3	84.6	104.0	103.0	109.7	86.2	105.3	98.9	101.4	100.1	106.0
2015 Jan	112.7	124.2	121.9	110.0	70.3	101.8	95.2	102.3	90.3	93.1	92.2	97.4	94.7	99.4
Feb	125.0	127.2	126.7	117.8	78.5	118.2	100.9	109.1	98.0	96.1	96.7	102.3	99.5	105.4
Mar	136.5	146.8	144.7	147.0	90.7	122.4	106.9	123.9	122.1	116.7	118.5	122.5	120.5	122.6
Apr	133.6	153.5	149.6	137.4	84.7	117.7	102.5	120.9	91.9	110.5	104.2	103.4	103.8	114.3
May	123.3	151.6	146.0	131.3	85.8	115.9	104.1	119.2	93.8	110.2	104.7	99.4	102.1	112.6
Jun	137.2	162.6	157.6	131.9	92.2	122.2	113.6	126.9	99.5	120.7	113.6	104.1	108.9	120.0
Jul	111.8	151.7	143.8	140.2	96.8	132.5	113.3	125.8	98.7	123.4	115.1	112.6	113.9	121.2
Aug	101.3	140.1	132.4	131.1	96.2	127.4	108.3	118.8	95.4	111.0	105.8	106.9	106.3	114.0
Sep	111.8	147.9	140.7	130.3	93.3	130.2	109.2	121.0	101.5	120.3	114.0	111.3	112.7	117.8
Oct	109.2	160.5	150.3	132.4	91.3	121.8	119.8	126.8	97.8	124.3	115.4	108.4	112.0	121.1
Nov	106.1	155.6	145.7	123.2	90.8	120.9	112.6	121.2	95.0	120.6	112.0	106.9	109.5	116.7
Dec	113.3	146.1	139.6	126.8	81.9	107.9	95.9	112.9	83.4	104.2	97.2	96.6	96.9	106.7

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2A.A CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing				Other New Work				Repair and Maintenance						All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M				
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing					
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A		
1997	1 832	14 934	16 719	11 900	5 103	7 405	21 667	62 367	8 604	18 000	26 762	20 302	46 389	108 110		
1998	1 484	15 084	16 513	11 571	5 378	7 544	23 482	64 008	8 037	18 377	26 364	20 525	46 274	109 715		
1999	1 287	13 569	14 805	11 248	6 053	7 784	26 291	65 925	7 709	18 149	25 742	20 411	45 584	111 095		
2000	1 614	15 159	16 721	10 554	5 734	6 947	26 492	66 045	7 461	18 232	25 492	21 484	46 522	112 070		
2001	1 652	14 150	15 756	11 302	5 788	7 098	26 301	65 984	7 056	19 032	25 664	23 451	48 817	114 061		
2002	1 870	15 421	17 242	12 780	7 324	5 631	27 170	70 042	6 695	20 610	26 527	24 999	51 283	120 602		
2003	2 128	19 251	21 314	12 047	9 190	5 946	26 182	74 256	7 569	20 135	27 244	25 697	52 696	126 402		
2004	2 556	23 391	25 867	10 513	10 319	6 124	28 875	81 288	8 304	19 561	27 637	24 562	51 808	133 118		
2005	2 404	24 074	26 392	10 084	9 286	6 002	27 621	78 938	8 252	17 817	25 970	25 190	50 976	129 877		
2006	2 833	24 148	26 903	9 296	8 529	6 508	29 979	80 992	7 897	16 710	24 532	25 250	49 704	130 882		
2007	3 272	23 754	26 959	9 168	8 386	6 352	32 997	83 845	7 482	16 292	23 682	25 840	49 502	133 707		
2008	2 957	18 433	21 345	10 190	9 328	4 916	33 386	79 375	7 701	16 474	24 093	26 699	50 781	130 210		
2009	3 017	12 667	15 671	11 673	11 289	3 450	25 011	67 215	7 490	14 402	21 857	24 104	45 953	113 028		
2010	4 730	15 394	20 124	14 887	14 891	3 837	24 502	78 241	8 144	15 781	23 925	20 620	44 546	122 787		
2011	4 833	16 789	21 623	16 136	13 764	3 476	25 101	80 099	7 485	15 908	23 393	21 991	45 384	125 483		
2012	4 027	16 235	20 262	14 103	10 795	3 718	22 485	71 363	7 613	15 070	22 683	21 968	44 651	116 014		
2013	4 307	17 671	21 977	14 539	9 813	3 438	22 593	72 361	7 306	15 437	22 743	22 755	45 497	117 858		
2014	5 688	21 903	27 591	13 668	9 555	3 920	24 017	78 752	7 413	16 700	24 113	23 821	47 934	126 686		
2015	4 888	23 721	28 610	17 888	9 390	4 305	23 904	84 097	7 333	16 693	24 026	22 853	46 878	130 975		

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

2A.Q CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing				Other New Work			Repair and Maintenance						
					Excluding Infrastructure			Housing					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A
2001 Q1	357	3 381	3 726	2 727	1 300	1 758	6 622	16 078	1 776	4 825	6 489	5 648	12 038	27 920
Q2	432	3 507	3 928	2 893	1 429	1 852	6 441	16 479	1 799	4 808	6 504	5 872	12 295	28 579
Q3	414	3 633	4 035	2 889	1 481	1 844	6 456	16 633	1 717	4 689	6 295	5 799	12 024	28 500
Q4	449	3 630	4 067	2 793	1 579	1 644	6 782	16 794	1 765	4 710	6 375	6 132	12 460	29 062
2002 Q1	464	3 650	4 103	3 100	1 650	1 437	6 734	16 995	1 697	4 778	6 343	6 252	12 560	29 366
Q2	454	3 630	4 072	3 164	1 774	1 349	6 743	17 094	1 661	5 083	6 553	6 166	12 658	29 558
Q3	479	3 946	4 412	3 365	1 911	1 429	6 845	17 942	1 637	5 234	6 653	6 214	12 802	30 598
Q4	473	4 196	4 655	3 150	1 990	1 416	6 848	18 010	1 699	5 515	6 977	6 368	13 262	31 079
2003 Q1	493	4 398	4 876	3 139	2 065	1 433	6 480	17 916	1 673	4 701	6 237	6 358	12 580	30 383
Q2	514	4 534	5 033	3 079	2 205	1 432	6 405	18 060	1 861	5 220	6 933	6 461	13 325	31 188
Q3	541	4 926	5 450	2 940	2 367	1 489	6 492	18 622	2 050	5 128	7 097	6 525	13 544	31 985
Q4	580	5 393	5 954	2 889	2 552	1 592	6 804	19 658	1 985	5 087	6 977	6 353	13 247	32 845
2004 Q1	635	5 728	6 344	2 739	2 643	1 610	7 154	20 372	2 126	5 166	7 220	6 482	13 607	33 924
Q2	651	5 819	6 450	2 697	2 622	1 546	7 319	20 532	2 058	4 788	6 797	6 048	12 749	33 323
Q3	643	5 908	6 531	2 604	2 564	1 507	7 286	20 396	2 023	4 906	6 857	5 929	12 674	33 107
Q4	627	5 936	6 542	2 474	2 490	1 461	7 115	19 988	2 097	4 702	6 762	6 103	12 778	32 764
2005 Q1	602	5 973	6 554	2 526	2 446	1 436	7 000	19 855	2 189	4 593	6 768	6 468	13 180	32 991
Q2	590	6 128	6 696	2 464	2 370	1 492	6 949	19 861	2 177	4 454	6 624	6 338	12 907	32 752
Q3	577	6 030	6 585	2 510	2 257	1 520	6 807	19 563	1 957	4 418	6 336	6 244	12 544	32 106
Q4	635	5 944	6 558	2 584	2 213	1 554	6 866	19 659	1 929	4 352	6 242	6 140	12 346	32 028
2006 Q1	666	5 916	6 563	2 494	2 195	1 630	7 151	19 947	1 935	4 347	6 249	6 155	12 368	32 350
Q2	699	5 997	6 677	2 314	2 139	1 607	7 306	19 980	1 918	4 277	6 165	6 422	12 574	32 572
Q3	728	6 089	6 798	2 247	2 107	1 612	7 613	20 333	2 043	4 066	6 104	6 205	12 284	32 679
Q4	739	6 146	6 865	2 240	2 088	1 659	7 910	20 732	2 001	4 020	6 014	6 468	12 479	33 280
2007 Q1	816	6 145	6 943	2 209	2 079	1 680	8 060	20 954	1 993	4 116	6 096	6 584	12 676	33 695
Q2	834	6 021	6 837	2 250	2 085	1 668	8 231	21 067	1 848	4 153	5 972	6 412	12 375	33 539
Q3	817	5 893	6 694	2 315	2 106	1 561	8 203	20 873	1 782	3 956	5 712	6 347	12 056	33 042
Q4	805	5 696	6 485	2 394	2 115	1 443	8 502	20 950	1 859	4 067	5 902	6 497	12 394	33 431
2008 Q1	771	5 412	6 168	2 489	2 234	1 421	8 741	21 088	1 866	4 054	5 898	6 729	12 625	33 787
Q2	760	4 909	5 657	2 585	2 293	1 270	8 432	20 277	1 990	4 167	6 138	7 003	13 140	33 418
Q3	741	4 355	5 086	2 650	2 394	1 180	8 437	19 813	1 947	3 992	5 924	6 713	12 639	32 468
Q4	685	3 757	4 434	2 467	2 407	1 045	7 775	18 197	1 898	4 261	6 133	6 255	12 377	30 537
2009 Q1	640	3 308	3 942	2 519	2 437	899	7 048	16 898	1 771	3 696	5 450	6 050	11 495	28 362
Q2	670	3 178	3 844	2 747	2 649	839	6 620	16 737	1 846	3 556	5 393	5 901	11 291	28 006
Q3	788	3 017	3 804	2 936	2 957	827	5 923	16 479	1 979	3 796	5 766	6 347	12 112	28 504
Q4	918	3 164	4 082	3 471	3 246	884	5 419	17 102	1 895	3 353	5 248	5 806	11 054	28 156
2010 Q1	1 018	3 374	4 391	3 770	3 453	902	5 732	18 248	2 031	3 570	5 601	4 934	10 535	28 783
Q2	1 176	3 918	5 095	3 937	3 842	983	6 081	19 936	2 083	3 889	5 972	5 229	11 201	31 137
Q3	1 264	4 057	5 322	3 724	3 795	1 098	6 424	20 362	2 018	4 205	6 223	5 135	11 358	31 720
Q4	1 272	4 045	5 317	3 456	3 801	855	6 266	19 695	2 013	4 117	6 130	5 322	11 452	31 147
2011 Q1	1 233	4 088	5 322	3 837	3 723	863	5 897	19 642	1 928	3 962	5 891	5 458	11 348	30 990
Q2	1 266	4 320	5 585	4 211	3 583	921	6 264	20 565	1 899	3 929	5 828	5 400	11 228	31 793
Q3	1 182	4 257	5 439	4 023	3 352	854	6 388	20 056	1 814	3 935	5 750	5 522	11 272	31 327
Q4	1 153	4 124	5 277	4 064	3 105	838	6 552	19 836	1 843	4 082	5 925	5 611	11 536	31 372
2012 Q1	1 026	4 261	5 288	3 467	2 868	871	5 792	18 285	1 841	4 004	5 845	5 589	11 433	29 719
Q2	986	4 054	5 041	3 287	2 768	919	5 858	17 874	1 889	3 737	5 625	5 553	11 178	29 052
Q3	1 006	3 872	4 878	3 602	2 635	936	5 309	17 360	1 945	3 698	5 643	5 315	10 958	28 317
Q4	1 008	4 047	5 055	3 747	2 524	992	5 526	17 844	1 939	3 632	5 570	5 512	11 082	28 926
2013 Q1	932	4 088	5 020	3 552	2 423	933	5 490	17 419	1 880	3 660	5 539	5 495	11 034	28 454
Q2	1 061	4 387	5 448	3 596	2 511	844	5 530	17 929	1 823	3 858	5 681	5 631	11 311	29 241
Q3	1 084	4 468	5 552	3 596	2 512	839	5 827	18 326	1 787	3 950	5 737	5 711	11 448	29 774
Q4	1 229	4 728	5 957	3 795	2 368	822	5 745	18 687	1 817	3 969	5 786	5 917	11 703	30 390
2014 Q1	1 338	5 175	6 513	3 404	2 330	921	5 970	19 139	1 860	4 204	6 064	5 763	11 827	30 966
Q2	1 414	5 336	6 750	3 262	2 368	1 007	5 987	19 374	1 864	4 134	5 998	5 984	11 982	31 356
Q3	1 495	5 661	7 157	3 383	2 419	1 003	5 994	19 955	1 856	4 242	6 098	6 040	12 138	32 093
Q4	1 441	5 730	7 172	3 619	2 439	989	6 067	20 284	1 833	4 119	5 952	6 035	11 987	32 272
2015 Q1	1 361	5 887	7 248	4 422	2 341	1 064	6 006	21 081	1 872	4 070	5 942	5 918	11 860	32 941
Q2	1 291	6 014	7 305	4 556	2 375	1 047	6 046	21 329	1 869	4 238	6 107	5 656	11 763	33 092
Q3	1 109	5 779	6 889	4 543	2 349	1 131	5 913	20 826	1 835	4 254	6 089	5 620	11 709	32 535
Q4	1 127	6 041	7 168	4 367	2 324	1 062	5 940	20 861	1 756	4 132	5 888	5 658	11 546	32 407

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2A.M CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing				Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- structure	Excluding Infrastructure			All new work	Housing						
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing	Non housing R&M			
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A	
2010 Jul	415	1 319	1 734	1 221	1 270	381	2 128	6 733	683	1 369	2 052	1 658	3 710	10 442	
Aug	426	1 353	1 779	1 275	1 276	400	2 185	6 914	662	1 394	2 055	1 714	3 769	10 683	
Sep	424	1 385	1 809	1 228	1 250	317	2 111	6 716	674	1 442	2 116	1 763	3 879	10 594	
Oct	437	1 395	1 832	1 214	1 289	285	2 084	6 705	683	1 375	2 058	1 799	3 857	10 562	
Nov	442	1 392	1 835	1 208	1 276	292	2 213	6 824	676	1 379	2 056	1 791	3 846	10 670	
Dec	392	1 257	1 650	1 034	1 236	278	1 969	6 166	654	1 362	2 016	1 733	3 748	9 915	
2011 Jan	395	1 280	1 675	1 176	1 205	281	1 904	6 241	573	1 237	1 811	1 698	3 508	9 750	
Feb	401	1 322	1 723	1 279	1 242	285	1 943	6 472	650	1 296	1 946	1 755	3 701	10 173	
Mar	437	1 487	1 924	1 381	1 276	297	2 050	6 928	705	1 429	2 134	2 005	4 139	11 068	
Apr	411	1 370	1 781	1 374	1 204	295	2 056	6 710	634	1 308	1 941	1 782	3 724	10 434	
May	424	1 393	1 817	1 417	1 181	303	2 064	6 782	623	1 299	1 922	1 814	3 735	10 517	
Jun	431	1 557	1 987	1 421	1 198	324	2 144	7 073	643	1 322	1 965	1 804	3 769	10 842	
Jul	381	1 440	1 821	1 370	1 156	283	2 116	6 746	607	1 286	1 893	1 835	3 728	10 474	
Aug	382	1 431	1 812	1 339	1 112	288	2 108	6 660	607	1 316	1 922	1 844	3 766	10 426	
Sep	419	1 387	1 806	1 313	1 084	283	2 164	6 650	600	1 334	1 934	1 844	3 778	10 428	
Oct	390	1 347	1 737	1 270	996	289	2 150	6 441	609	1 362	1 972	1 835	3 807	10 248	
Nov	400	1 384	1 784	1 368	1 006	290	2 263	6 710	618	1 374	1 992	1 884	3 876	10 586	
Dec	363	1 393	1 756	1 427	1 104	259	2 139	6 685	616	1 346	1 961	1 892	3 854	10 539	
2012 Jan	364	1 371	1 736	1 184	982	286	1 927	6 114	605	1 225	1 830	1 759	3 588	9 703	
Feb	328	1 373	1 701	1 140	927	290	1 898	5 956	609	1 392	2 001	1 847	3 848	9 804	
Mar	334	1 517	1 851	1 143	958	295	1 968	6 215	627	1 387	2 014	1 983	3 997	10 212	
Apr	335	1 332	1 667	1 109	945	297	1 943	5 961	604	1 225	1 829	1 807	3 637	9 598	
May	325	1 370	1 695	1 095	946	321	2 028	6 086	657	1 323	1 980	1 922	3 902	9 988	
Jun	326	1 352	1 679	1 083	877	301	1 887	5 827	627	1 189	1 816	1 824	3 639	9 466	
Jul	345	1 303	1 648	1 090	885	316	1 799	5 737	653	1 316	1 969	1 842	3 811	9 548	
Aug	326	1 279	1 605	1 316	886	303	1 798	5 908	646	1 237	1 883	1 758	3 641	9 549	
Sep	335	1 290	1 625	1 196	864	317	1 713	5 715	645	1 145	1 791	1 715	3 506	9 220	
Oct	333	1 358	1 691	1 306	874	334	1 828	6 032	656	1 214	1 870	1 844	3 714	9 747	
Nov	336	1 364	1 699	1 287	853	329	1 873	6 041	657	1 223	1 880	1 921	3 800	9 841	
Dec	339	1 326	1 665	1 154	797	329	1 825	5 771	625	1 195	1 820	1 747	3 567	9 338	
2013 Jan	287	1 315	1 602	1 143	773	320	1 845	5 682	623	1 199	1 821	1 788	3 609	9 292	
Feb	313	1 390	1 703	1 193	821	317	1 832	5 866	629	1 230	1 859	1 842	3 701	9 568	
Mar	332	1 383	1 716	1 216	829	296	1 813	5 870	628	1 231	1 859	1 865	3 724	9 594	
Apr	333	1 435	1 769	1 194	821	287	1 835	5 906	631	1 272	1 904	1 841	3 745	9 651	
May	345	1 439	1 783	1 195	853	278	1 870	5 980	606	1 303	1 909	1 930	3 838	9 818	
Jun	383	1 513	1 896	1 206	837	279	1 826	6 043	585	1 283	1 868	1 860	3 728	9 771	
Jul	361	1 485	1 846	1 222	837	274	1 911	6 091	576	1 316	1 892	1 900	3 792	9 883	
Aug	358	1 518	1 876	1 251	821	305	1 943	6 195	610	1 311	1 921	1 946	3 867	10 062	
Sep	365	1 466	1 831	1 123	854	260	1 973	6 040	601	1 323	1 923	1 865	3 789	9 829	
Oct	409	1 572	1 981	1 330	792	267	1 962	6 331	615	1 349	1 964	2 036	4 001	10 332	
Nov	412	1 530	1 942	1 253	789	272	1 902	6 159	596	1 337	1 933	1 953	3 886	10 045	
Dec	408	1 626	2 034	1 212	787	283	1 881	6 197	606	1 283	1 889	1 928	3 817	10 014	
2014 Jan	434	1 776	2 210	1 162	788	291	1 965	6 416	644	1 395	2 039	1 942	3 981	10 397	
Feb	444	1 679	2 123	1 146	769	307	1 978	6 323	608	1 410	2 018	1 940	3 958	10 281	
Mar	460	1 720	2 180	1 096	772	323	2 028	6 399	608	1 399	2 007	1 881	3 888	10 288	
Apr	436	1 781	2 216	1 091	815	331	2 027	6 480	634	1 403	2 036	1 994	4 031	10 511	
May	485	1 767	2 253	1 112	769	335	1 991	6 460	612	1 375	1 987	1 972	3 958	10 418	
Jun	493	1 788	2 281	1 060	784	341	1 969	6 434	619	1 357	1 976	2 017	3 993	10 427	
Jul	490	1 884	2 374	1 119	791	329	2 001	6 615	617	1 388	2 005	1 972	3 977	10 592	
Aug	506	1 878	2 383	1 112	819	336	1 977	6 627	624	1 457	2 081	2 033	4 115	10 742	
Sep	499	1 900	2 399	1 152	808	338	2 016	6 713	615	1 397	2 012	2 034	4 046	10 759	
Oct	487	1 884	2 371	1 159	811	334	1 969	6 644	606	1 396	2 002	1 998	4 000	10 644	
Nov	471	1 932	2 403	1 204	815	322	2 029	6 773	621	1 377	1 997	2 041	4 039	10 812	
Dec	484	1 914	2 398	1 255	813	333	2 069	6 868	605	1 347	1 953	1 996	3 948	10 816	
2015 Jan	457	1 984	2 441	1 448	778	366	2 047	7 079	618	1 367	1 986	2 005	3 991	11 070	
Feb	456	1 942	2 399	1 446	798	353	2 047	7 043	615	1 311	1 926	1 943	3 869	10 911	
Mar	448	1 961	2 409	1 527	766	345	1 912	6 959	638	1 391	2 030	1 971	4 001	10 960	
Apr	462	2 065	2 527	1 572	784	357	1 977	7 217	614	1 403	2 017	1 910	3 927	11 143	
May	415	2 009	2 424	1 515	785	347	2 008	7 080	627	1 401	2 028	1 888	3 916	10 995	
Jun	414	1 940	2 354	1 469	806	343	2 061	7 033	628	1 435	2 062	1 859	3 921	10 954	
Jul	387	1 929	2 316	1 555	794	394	1 992	7 050	612	1 423	2 035	1 917	3 952	11 002	
Aug	349	1 925	2 273	1 507	779	364	1 984	6 907	607	1 408	2 015	1 831	3 846	10 753	
Sep	374	1 926	2 300	1 481	777	374	1 937	6 869	616	1 423	2 039	1 872	3 910	10 779	
Oct	363	1 976	2 339	1 452	762	368	2 032	6 953	594	1 408	2 002	1 871	3 873	10 826	
Nov	362	2 008	2 370	1 375	778	359	1 983	6 865	574	1 382	1 956	1 890	3 846	10 712	
Dec	403	2 056	2 459	1 540	784	335	1 925	7 043	588	1 342	1 930	1 898	3 828	10 870	

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2B.A CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing				Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M			
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing				
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N	
1997	1 830	15 176	17 006	11 798	5 028	7 293	21 188	62 312	8 610	18 140	26 750	19 307	46 056	108 369	
1998	1 480	15 316	16 796	11 464	5 294	7 424	22 951	63 928	8 039	18 509	26 548	19 508	46 056	109 984	
1999	1 288	13 840	15 128	11 193	5 987	7 693	25 811	65 812	7 743	18 360	26 104	19 484	45 587	111 400	
2000	1 614	15 423	17 037	10 476	5 657	6 851	25 941	65 962	7 476	18 399	25 875	20 455	46 330	112 292	
2001	1 651	14 397	16 048	11 211	5 708	6 998	25 746	65 711	7 068	19 199	26 266	22 325	48 592	114 303	
2002	1 868	15 677	17 545	12 675	7 215	5 545	26 583	69 564	6 704	20 781	27 485	23 788	51 273	120 836	
2003	2 130	19 590	21 720	11 955	9 065	5 863	25 640	74 244	7 584	20 319	27 903	24 473	52 376	126 620	
2004	2 567	23 892	26 460	10 475	10 219	6 061	28 381	81 595	8 349	19 812	28 161	23 474	51 635	133 230	
2005	2 418	24 630	27 048	10 064	9 208	5 953	27 197	79 471	8 311	18 079	26 390	24 118	50 508	129 979	
2006	2 862	24 811	27 673	9 317	8 497	6 481	29 643	81 612	7 988	17 030	25 018	24 278	49 296	130 907	
2007	3 314	24 496	27 810	9 221	8 384	6 350	32 743	84 508	7 597	16 661	24 259	24 935	49 194	133 701	
2008	2 998	19 040	22 038	10 266	9 340	4 920	33 183	79 746	7 831	16 875	24 707	25 805	50 512	130 258	
2009	3 059	13 074	16 134	11 753	11 297	3 451	24 845	67 480	7 610	14 741	22 351	23 283	45 634	113 113	
2010	4 730	15 394	20 124	14 887	14 891	3 837	24 502	78 241	8 144	15 781	23 925	20 620	44 546	122 787	
2011	4 833	16 789	21 623	16 136	13 764	3 476	25 101	80 099	7 485	15 908	23 393	21 991	45 384	125 483	
2012	4 027	16 235	20 262	14 103	10 795	3 718	22 485	71 363	7 613	15 070	22 683	21 968	44 651	116 014	
2013	4 307	17 671	21 977	14 539	9 813	3 438	22 593	72 361	7 306	15 437	22 743	22 755	45 497	117 858	
2014	5 615	22 171	27 786	14 204	9 666	3 980	23 868	79 504	7 455	16 782	24 237	24 318	48 554	128 058	
2015	4 771	23 916	28 687	18 326	9 468	4 458	24 026	84 965	7 406	16 968	24 375	23 278	47 653	132 618	

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2B.Q CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing				Other New Work			Repair and Maintenance						
					Excluding Infrastructure			Housing					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N
2001 Q1	353	3 383	3 737	2 671	1 259	1 677	6 290	15 635	1 846	4 773	6 619	5 329	11 948	27 583
Q2	450	3 574	4 024	2 858	1 397	1 830	6 247	16 355	1 750	4 837	6 588	5 439	12 027	28 382
Q3	421	3 738	4 159	2 901	1 467	1 826	6 402	16 754	1 723	4 814	6 538	5 650	12 187	28 942
Q4	427	3 702	4 129	2 782	1 584	1 666	6 807	16 968	1 748	4 773	6 522	5 907	12 429	29 397
2002 Q1	466	3 677	4 144	3 040	1 592	1 371	6 457	16 604	1 767	4 752	6 519	5 919	12 438	29 042
Q2	474	3 666	4 140	3 143	1 740	1 320	6 554	16 897	1 635	5 109	6 745	5 720	12 465	29 362
Q3	482	4 054	4 536	3 392	1 891	1 417	6 743	17 980	1 639	5 355	6 994	6 041	13 035	31 015
Q4	446	4 279	4 725	3 100	1 992	1 437	6 830	18 084	1 662	5 565	7 227	6 108	13 335	31 418
2003 Q1	507	4 445	4 952	3 081	2 001	1 385	6 243	17 661	1 751	4 681	6 432	6 026	12 458	30 119
Q2	538	4 566	5 104	3 060	2 161	1 392	6 218	17 934	1 846	5 225	7 070	5 976	13 047	30 981
Q3	540	5 058	5 598	2 975	2 343	1 473	6 393	18 782	2 050	5 238	7 288	6 344	13 632	32 414
Q4	545	5 521	6 066	2 840	2 560	1 614	6 788	19 867	1 937	5 175	7 112	6 127	13 239	33 106
2004 Q1	657	5 796	6 453	2 686	2 580	1 576	6 929	20 224	2 236	5 143	7 379	6 137	13 516	33 740
Q2	682	5 932	6 614	2 707	2 593	1 515	7 178	20 607	2 057	4 836	6 893	5 644	12 537	33 144
Q3	639	6 084	6 723	2 650	2 549	1 488	7 199	20 609	2 017	5 015	7 031	5 790	12 822	33 431
Q4	589	6 080	6 669	2 432	2 497	1 482	7 074	20 154	2 039	4 818	6 857	5 903	12 760	32 915
2005 Q1	628	6 060	6 688	2 486	2 412	1 424	6 832	19 842	2 315	4 574	6 889	6 147	13 036	32 878
Q2	617	6 266	6 883	2 478	2 339	1 464	6 809	19 974	2 162	4 502	6 663	5 909	12 573	32 547
Q3	572	6 231	6 803	2 566	2 247	1 495	6 752	19 863	1 950	4 511	6 461	6 113	12 574	32 437
Q4	601	6 074	6 675	2 534	2 210	1 570	6 803	19 791	1 884	4 492	6 376	5 949	12 325	32 116
2006 Q1	698	6 018	6 716	2 460	2 179	1 632	7 024	20 010	2 047	4 324	6 371	5 865	12 236	32 246
Q2	728	6 168	6 897	2 344	2 111	1 582	7 159	20 092	1 902	4 346	6 248	6 006	12 254	32 346
Q3	728	6 327	7 055	2 309	2 112	1 589	7 610	20 676	2 058	4 153	6 211	6 106	12 317	32 993
Q4	707	6 299	7 006	2 205	2 095	1 678	7 851	20 834	1 981	4 206	6 187	6 302	12 489	33 323
2007 Q1	851	6 285	7 136	2 189	2 072	1 691	7 953	21 041	2 089	4 088	6 177	6 301	12 478	33 520
Q2	863	6 238	7 101	2 298	2 063	1 648	8 107	21 217	1 839	4 253	6 092	6 028	12 120	33 337
Q3	825	6 138	6 963	2 384	2 121	1 543	8 258	21 268	1 818	4 038	5 856	6 262	12 118	33 386
Q4	775	5 835	6 610	2 350	2 128	1 467	8 425	20 981	1 851	4 282	6 133	6 344	12 477	33 458
2008 Q1	797	5 553	6 350	2 471	2 226	1 432	8 633	21 113	1 934	4 016	5 950	6 464	12 413	33 526
Q2	782	5 095	5 878	2 648	2 269	1 244	8 306	20 344	1 992	4 276	6 268	6 590	12 858	33 202
Q3	755	4 559	5 314	2 725	2 411	1 171	8 554	20 175	2 019	4 087	6 106	6 641	12 746	32 921
Q4	664	3 833	4 497	2 422	2 434	1 072	7 690	18 114	1 887	4 496	6 384	6 111	12 494	30 609
2009 Q1	664	3 377	4 041	2 507	2 425	899	6 895	16 767	1 817	3 635	5 452	5 801	11 253	28 020
Q2	696	3 308	4 004	2 831	2 628	815	6 539	16 818	1 861	3 653	5 514	5 557	11 071	27 888
Q3	805	3 158	3 963	3 009	2 954	819	6 049	16 795	2 062	3 884	5 946	6 255	12 201	28 996
Q4	894	3 231	4 125	3 406	3 289	918	5 362	17 100	1 869	3 570	5 439	5 670	11 109	28 209
2010 Q1	1 019	3 149	4 168	3 671	3 345	886	5 530	17 601	2 105	3 314	5 419	4 851	10 269	27 870
Q2	1 185	3 951	5 136	4 027	3 718	960	6 002	19 843	2 011	3 863	5 874	5 115	10 989	30 832
Q3	1 275	4 145	5 420	3 784	3 960	1 111	6 717	20 993	2 034	4 260	6 295	5 474	11 768	32 761
Q4	1 251	4 149	5 400	3 404	3 867	880	6 253	19 804	1 994	4 344	6 338	5 181	11 520	31 323
2011 Q1	1 216	3 785	5 001	3 728	3 556	846	5 636	18 769	2 007	3 682	5 689	5 358	11 047	29 816
Q2	1 281	4 386	5 666	4 296	3 486	906	6 195	20 549	1 823	3 898	5 721	5 258	10 979	31 529
Q3	1 192	4 363	5 555	4 079	3 574	857	6 677	20 741	1 827	4 020	5 848	5 896	11 744	32 485
Q4	1 145	4 256	5 401	4 033	3 147	867	6 592	20 040	1 827	4 307	6 134	5 479	11 614	31 653
2012 Q1	1 000	3 887	4 887	3 356	2 715	843	5 494	17 295	1 922	3 708	5 630	5 473	11 103	28 398
Q2	1 006	4 155	5 160	3 328	2 686	914	5 784	17 871	1 804	3 709	5 512	5 391	10 903	28 774
Q3	1 018	3 990	5 008	3 656	2 829	950	5 576	18 020	1 952	3 798	5 750	5 705	11 455	29 475
Q4	1 003	4 203	5 206	3 764	2 566	1 011	5 631	18 178	1 936	3 855	5 791	5 399	11 190	29 368
2013 Q1	905	3 659	4 564	3 437	2 230	892	5 180	16 303	1 940	3 363	5 303	5 352	10 655	26 958
Q2	1 085	4 517	5 602	3 615	2 444	857	5 441	17 958	1 742	3 830	5 572	5 459	11 030	28 989
Q3	1 098	4 602	5 700	3 649	2 733	857	6 103	19 041	1 803	4 056	5 860	6 124	11 983	31 025
Q4	1 219	4 893	6 112	3 838	2 407	831	5 870	19 058	1 821	4 187	6 008	5 820	11 828	30 886
2014 Q1	1 241	4 731	5 972	3 407	2 151	899	5 585	18 013	1 947	3 935	5 882	5 743	11 625	29 638
Q2	1 452	5 627	7 079	3 438	2 364	1 041	5 869	19 791	1 793	4 134	5 927	5 958	11 885	31 675
Q3	1 489	5 860	7 349	3 575	2 652	1 062	6 205	20 843	1 884	4 373	6 257	6 534	12 790	33 634
Q4	1 433	5 953	7 386	3 783	2 500	978	6 210	20 857	1 831	4 340	6 171	6 083	12 254	33 111
2015 Q1	1 256	5 387	6 643	4 404	2 155	1 061	5 679	19 941	1 970	3 842	5 811	5 897	11 708	31 649
Q2	1 323	6 328	7 651	4 709	2 363	1 103	5 999	21 824	1 809	4 287	6 096	5 617	11 713	33 538
Q3	1 090	5 948	7 038	4 720	2 575	1 209	6 197	21 739	1 875	4 455	6 330	6 057	12 387	34 126
Q4	1 103	6 253	7 356	4 494	2 375	1 086	6 151	21 461	1 752	4 385	6 137	5 708	11 845	33 306

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2B.M CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing			Other New Work				Repair and Maintenance						All Repair and Maintenance	All Work		
				Excluding Infrastructure				Housing				Non housing R&M					
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing						
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N			
2010 Jul	413	1 346	1 760	1 260	1 302	377	2 204	6 902	689	1 408	2 097	1 733	3 831	10 733			
Aug	434	1 368	1 802	1 283	1 363	405	2 304	7 157	662	1 376	2 038	1 872	3 910	11 066			
Sep	428	1 431	1 859	1 240	1 296	329	2 210	6 934	683	1 476	2 159	1 869	4 028	10 962			
Oct	438	1 494	1 932	1 218	1 357	293	2 179	6 978	691	1 476	2 168	1 813	3 981	10 959			
Nov	440	1 449	1 888	1 204	1 349	314	2 250	7 006	700	1 513	2 213	1 774	3 986	10 993			
Dec	373	1 207	1 580	981	1 161	273	1 824	5 819	603	1 355	1 958	1 595	3 552	9 372			
2011 Jan	363	1 114	1 477	1 070	1 043	256	1 688	5 534	530	1 114	1 644	1 546	3 190	8 724			
Feb	395	1 224	1 619	1 197	1 158	277	1 807	6 057	662	1 179	1 840	1 717	3 557	9 614			
Mar	458	1 447	1 905	1 461	1 356	314	2 141	7 177	815	1 390	2 205	2 095	4 300	11 478			
Apr	408	1 332	1 740	1 364	1 141	271	1 966	6 482	591	1 251	1 842	1 732	3 574	10 056			
May	427	1 417	1 844	1 446	1 155	312	2 032	6 789	598	1 286	1 884	1 751	3 635	10 424			
Jun	446	1 636	2 082	1 486	1 190	324	2 197	7 279	635	1 360	1 995	1 775	3 770	11 049			
Jul	377	1 481	1 857	1 405	1 206	279	2 181	6 928	609	1 339	1 948	1 914	3 862	10 791			
Aug	388	1 441	1 829	1 342	1 227	292	2 225	6 915	610	1 309	1 919	2 019	3 938	10 852			
Sep	427	1 441	1 868	1 331	1 142	286	2 270	6 898	609	1 372	1 981	1 963	3 944	10 842			
Oct	395	1 466	1 860	1 292	1 061	304	2 292	6 809	625	1 476	2 101	1 862	3 963	10 772			
Nov	404	1 465	1 869	1 383	1 065	309	2 330	6 957	647	1 510	2 157	1 881	4 037	10 994			
Dec	346	1 325	1 671	1 358	1 021	254	1 970	6 274	555	1 321	1 877	1 737	3 613	9 887			
2012 Jan	331	1 177	1 507	1 065	836	250	1 709	5 368	554	1 080	1 634	1 586	3 220	8 589			
Feb	319	1 246	1 565	1 062	871	288	1 743	5 528	638	1 270	1 909	1 804	3 712	9 241			
Mar	351	1 464	1 815	1 228	1 008	305	2 042	6 398	730	1 358	2 087	2 083	4 170	10 569			
Apr	333	1 292	1 626	1 089	895	278	1 857	5 745	561	1 172	1 733	1 749	3 482	9 226			
May	329	1 408	1 738	1 110	933	338	2 013	6 133	631	1 313	1 944	1 847	3 791	9 924			
Jun	343	1 454	1 797	1 128	858	297	1 914	5 994	612	1 223	1 835	1 795	3 630	9 624			
Jul	342	1 355	1 697	1 115	936	324	1 879	5 950	653	1 384	2 038	1 929	3 967	9 918			
Aug	331	1 283	1 615	1 318	991	301	1 900	6 124	650	1 235	1 884	1 934	3 818	9 943			
Sep	345	1 352	1 697	1 223	902	325	1 797	5 945	649	1 179	1 828	1 842	3 669	9 614			
Oct	339	1 506	1 846	1 350	944	348	2 029	6 517	686	1 345	2 031	1 897	3 928	10 445			
Nov	341	1 456	1 797	1 316	895	339	1 962	6 310	693	1 355	2 048	1 926	3 974	10 284			
Dec	322	1 241	1 563	1 098	727	324	1 641	5 352	556	1 155	1 711	1 577	3 288	8 640			
2013 Jan	258	1 105	1 363	1 016	646	283	1 636	4 945	570	1 037	1 607	1 602	3 210	8 154			
Feb	300	1 230	1 531	1 112	725	315	1 686	5 369	635	1 116	1 750	1 778	3 529	8 897			
Mar	347	1 324	1 670	1 308	859	294	1 859	5 990	735	1 210	1 946	1 971	3 917	9 906			
Apr	331	1 401	1 732	1 161	782	282	1 766	5 724	591	1 228	1 819	1 783	3 601	9 325			
May	350	1 482	1 832	1 204	844	290	1 860	6 030	582	1 292	1 875	1 843	3 718	9 748			
Jun	404	1 633	2 037	1 250	817	285	1 814	6 204	569	1 309	1 878	1 833	3 711	9 915			
Jul	359	1 551	1 910	1 244	900	285	2 009	6 349	580	1 393	1 973	1 996	3 969	10 318			
Aug	363	1 513	1 875	1 247	923	307	2 017	6 369	614	1 305	1 919	2 118	4 036	10 405			
Sep	376	1 538	1 914	1 157	909	266	2 077	6 323	610	1 359	1 968	2 010	3 978	10 301			
Oct	417	1 741	2 158	1 391	861	282	2 176	6 867	650	1 486	2 135	2 107	4 242	11 109			
Nov	419	1 616	2 035	1 293	821	274	1 981	6 404	630	1 463	2 093	1 959	4 052	10 456			
Dec	383	1 535	1 918	1 155	725	276	1 713	5 786	541	1 239	1 780	1 754	3 534	9 321			
2014 Jan	359	1 522	1 881	1 055	652	244	1 728	5 561	606	1 213	1 819	1 764	3 583	9 145			
Feb	409	1 489	1 898	1 111	682	314	1 805	5 810	615	1 290	1 905	1 875	3 780	9 590			
Mar	473	1 720	2 193	1 240	817	340	2 051	6 642	726	1 432	2 158	2 104	4 261	10 903			
Apr	425	1 790	2 215	1 134	797	335	1 949	6 430	597	1 369	1 966	1 979	3 945	10 375			
May	486	1 837	2 323	1 173	770	354	1 949	6 570	587	1 369	1 956	1 948	3 904	10 473			
Jun	540	2 000	2 541	1 131	797	352	1 972	6 791	610	1 396	2 005	2 031	4 036	10 827			
Jul	482	2 008	2 490	1 201	870	363	2 103	7 027	630	1 493	2 123	2 141	4 264	11 290			
Aug	501	1 862	2 363	1 157	911	343	1 997	6 772	615	1 421	2 037	2 176	4 213	10 985			
Sep	506	1 990	2 496	1 217	871	357	2 104	7 045	639	1 458	2 097	2 217	4 314	11 358			
Oct	497	2 119	2 616	1 293	897	326	2 191	7 322	639	1 550	2 189	2 164	4 353	11 675			
Nov	478	1 996	2 474	1 277	842	330	2 089	7 011	646	1 467	2 113	2 063	4 176	11 187			
Dec	459	1 838	2 297	1 214	761	322	1 930	6 524	547	1 323	1 869	1 856	3 725	10 249			
2015 Jan	378	1 681	2 059	1 292	632	315	1 784	6 083	573	1 169	1 743	1 783	3 525	9 608			
Feb	419	1 721	2 140	1 384	707	366	1 891	6 488	622	1 207	1 829	1 872	3 701	10 189			
Mar	458	1 986	2 444	1 727	816	379	2 004	7 370	774	1 466	2 240	2 242	4 482	11 852			
Apr	448	2 077	2 525	1 615	762	365	1 921	7 187	583	1 387	1 970	1 892	3 862	11 050			
May	414	2 051	2 465	1 543	772	359	1 950	7 089	595	1 383	1 979	1 820	3 799	10 888			
Jun	460	2 200	2 661	1 551	829	379	2 128	7 547	631	1 516	2 147	1 905	4 052	11 600			
Jul	375	2 052	2 427	1 647	871	411	2 122	7 478	626	1 550	2 176	2 062	4 238	11 717			
Aug	340	1 895	2 235	1 541	865	395	2 029	7 064	605	1 394	1 999	1 956	3 955	11 020			
Sep	375	2 001	2 376	1 531	839	403	2 046	7 196	644	1 511	2 155	2 038	4 193	11 389			
Oct	367	2 171	2 538	1 556	821	378	2 245	7 538	621	1 562	2 182	1 984	4 166	11 704			
Nov	356	2 105	2 461	1 448	817	375	2 110	7 209	603	1 515	2 117	1 956	4 074	11 283			
Dec	380	1 977	2 357	1 490	737	334	1 796	6 714	529	1 308	1 837	1 768	3 605	10 319			

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3A.A CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME PERIOD A YEAR EARLIER

Index 2012 = 100

	New Housing				Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Non housing R&M			
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing				
1998	MV5H	MV5I	MVM3	MV5J	MV5K	MV5L	MV5M	MV5N	MV5O	MV5P	MV5Q	MV5R	MV5S	MV5T	
1999	-19.0	1.0	-1.2	-2.8	5.4	1.9	8.4	2.6	-6.6	2.1	-1.5	1.1	-0.2	1.5	
2000	-13.3	-10.0	-10.3	-2.8	12.6	3.2	12.0	3.0	-4.1	-1.2	-2.4	-0.6	-1.5	1.3	
2001	25.5	11.7	12.9	-6.2	-5.3	-10.7	0.8	0.2	-3.2	0.5	-1.0	5.3	2.1	0.9	
2002	2.3	-6.7	-5.8	7.1	0.9	2.2	-0.7	-0.1	-5.4	4.4	0.7	9.2	4.9	1.8	
2003	13.2	9.0	9.4	13.1	26.5	-20.7	3.3	6.1	-5.1	8.3	3.4	6.6	5.1	5.7	
2004	13.8	24.8	23.6	-5.7	25.5	5.6	-3.6	6.0	13.1	-2.3	2.7	2.8	2.8	4.8	
2005	20.1	21.5	21.4	-12.7	12.3	3.0	10.3	9.5	9.7	-2.9	1.4	-4.4	-1.7	5.3	
2006	-5.9	2.9	2.0	-4.1	-10.0	-2.0	-4.3	-2.9	-0.6	-8.9	-6.0	2.6	-1.6	-2.4	
2007	17.9	0.3	1.9	-7.8	-8.1	8.4	8.5	2.6	-4.3	-6.2	-5.5	0.2	-2.5	0.8	
2008	15.5	-1.6	0.2	-1.4	-1.7	-2.4	10.1	3.5	-5.3	-2.5	-3.5	2.3	-0.4	2.2	
2009	-9.6	-22.4	-20.8	11.2	11.2	-22.6	1.2	-5.3	2.9	1.1	1.7	3.3	2.6	-2.6	
2010	2.0	-31.3	-26.6	14.5	21.0	-29.8	-25.1	-15.3	-2.7	-12.6	-9.3	-9.7	-9.5	-13.2	
2011	56.8	21.5	28.4	27.5	31.9	11.2	-2.0	16.4	8.7	9.6	9.5	-14.5	-3.1	8.6	
2012	2.2	9.1	7.4	8.4	-7.6	-9.4	2.4	2.4	-8.1	0.8	-2.2	6.6	1.9	2.2	
2013	-16.7	-3.3	-6.3	-12.6	-21.6	7.0	-10.4	-10.9	1.7	-5.3	-3.0	-0.1	-1.6	-7.5	
2014	6.9	8.8	8.5	3.1	-9.1	-7.5	0.5	1.4	-4.0	2.4	0.3	3.6	1.9	1.6	
2015	32.1	24.0	25.5	-6.0	-2.6	14.0	6.3	8.8	1.5	8.2	6.0	4.7	5.4	7.5	
2016	-14.1	8.3	3.7	30.9	-1.7	9.8	-0.5	6.8	-1.1	-	-0.4	-4.1	-2.2	3.4	

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3A.Q CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON PREVIOUS QUARTER

2012 = 100

	New Housing			Other New Work					Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M			
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing				
	MV54	MV55	MVM7	MV56	MV57	MV58	MV59	MV5A	MV5B	MV5C	MV5D	MV5E	MV5F	MV5G	
2001 Q1	-16.5	-8.7	-9.5	1.6	-6.3	0.4	0.8	-2.1	3.3	8.2	6.4	-0.8	2.6	-0.3	
Q2	21.1	3.7	5.4	6.1	9.9	5.3	-2.7	2.5	1.3	-0.3	0.2	4.0	2.1	2.4	
Q3	-4.3	3.6	2.7	-0.1	3.6	-0.4	0.2	0.9	-4.6	-2.5	-3.2	-1.2	-2.2	-0.3	
Q4	8.4	-0.1	0.8	-3.3	6.6	-10.9	5.0	1.0	2.8	0.4	1.3	5.8	3.6	2.0	
2002 Q1	3.4	0.5	0.9	11.0	4.5	-12.6	-0.7	1.2	-3.8	1.4	-0.5	1.9	0.8	1.0	
Q2	-2.3	-0.5	-0.7	2.1	7.5	-6.1	0.1	0.6	-2.2	6.4	3.3	-1.4	0.8	0.7	
Q3	5.5	8.7	8.3	6.4	7.7	5.9	1.5	5.0	-1.4	3.0	1.5	0.8	1.1	3.5	
Q4	-1.2	6.3	5.5	-6.4	4.1	-0.9	-	0.4	3.8	5.4	4.9	2.5	3.6	1.6	
2003 Q1	4.3	4.8	4.8	-0.4	3.8	1.2	-5.4	-0.5	-1.6	-14.8	-10.6	-0.1	-5.1	-2.2	
Q2	4.1	3.1	3.2	-1.9	6.8	-0.1	-1.2	0.8	11.3	11.0	11.2	1.6	5.9	2.7	
Q3	5.3	8.6	8.3	-4.5	7.4	4.0	1.4	3.1	10.1	-1.8	2.4	1.0	1.6	2.6	
Q4	7.3	9.5	9.3	-1.7	7.8	6.9	4.8	5.6	-3.2	-0.8	-1.7	-2.6	-2.2	2.7	
2004 Q1	9.3	6.2	6.5	-5.2	3.6	1.2	5.1	3.6	7.1	1.6	3.5	2.0	2.7	3.3	
Q2	2.6	1.6	1.7	-1.5	-0.8	-4.0	2.3	0.8	-3.2	-7.3	-5.9	-6.7	-6.3	-1.8	
Q3	-1.2	1.5	1.3	-3.4	-2.2	-2.5	-0.5	-0.7	-1.7	2.5	0.9	-2.0	-0.6	-0.6	
Q4	-2.6	0.5	0.2	-5.0	-2.9	-3.1	-2.3	-2.0	3.6	-4.2	-1.4	2.9	0.8	-1.0	
2005 Q1	-4.0	0.6	0.2	2.1	-1.8	-1.7	-1.6	-0.7	4.4	-2.3	0.1	6.0	3.1	0.7	
Q2	-1.9	2.6	2.2	-2.5	-3.1	3.9	-0.7	-	-0.6	-3.0	-2.1	-2.0	-2.1	-0.7	
Q3	-2.1	-1.6	-1.6	1.9	-4.8	1.9	-2.1	-1.5	-10.1	-0.8	-4.3	-1.5	-2.8	-2.0	
Q4	9.9	-1.4	-0.4	3.0	-2.0	2.2	0.9	0.5	-1.5	-1.5	-1.5	-1.7	-1.6	-0.2	
2006 Q1	5.0	-0.5	0.1	-3.5	-0.8	4.8	4.2	1.5	0.3	-0.1	0.1	0.3	0.2	1.0	
Q2	4.9	1.4	1.7	-7.2	-2.5	-1.4	2.2	0.2	-0.8	-1.6	-1.4	4.3	1.7	0.7	
Q3	4.1	1.5	1.8	-2.9	-1.5	0.3	4.2	1.8	6.5	-4.9	-1.0	-3.4	-2.3	0.3	
Q4	1.5	0.9	1.0	-0.3	-0.9	2.9	3.9	2.0	-2.0	-1.1	-1.5	4.2	1.6	1.8	
2007 Q1	10.5	-	1.1	-1.4	-0.4	1.3	1.9	1.1	-0.4	2.4	1.4	1.8	1.6	1.2	
Q2	2.1	-2.0	-1.5	1.8	0.2	-0.7	2.1	0.5	-7.3	0.9	-2.0	-2.6	-2.4	-0.5	
Q3	-2.0	-2.1	-2.1	2.9	1.0	-6.4	-0.3	-0.9	-3.6	-4.7	-4.4	-1.0	-2.6	-1.5	
Q4	-1.5	-3.3	-3.1	3.4	0.4	-7.5	3.6	0.4	4.3	2.8	3.3	2.4	2.8	1.2	
2008 Q1	-4.2	-5.0	-4.9	4.0	5.6	-1.5	2.8	0.7	0.4	-0.3	-0.1	3.6	1.9	1.1	
Q2	-1.4	-9.3	-8.3	3.9	2.6	-10.7	-3.5	-3.8	6.6	2.8	4.1	4.1	4.1	-1.1	
Q3	-2.5	-11.3	-10.1	2.5	4.4	-7.1	0.1	-2.3	-2.2	-4.2	-3.5	-4.1	-3.8	-2.8	
Q4	-7.6	-13.7	-12.8	-6.9	0.5	-11.5	-7.9	-8.2	-2.5	6.7	3.5	-6.8	-2.1	-5.9	
2009 Q1	-6.5	-11.9	-11.1	2.1	1.2	-13.9	-9.4	-7.1	-6.7	-13.3	-11.1	-3.3	-7.1	-7.1	
Q2	4.7	-3.9	-2.5	9.0	8.7	-6.8	-6.1	-1.0	4.3	-3.8	-1.0	-2.5	-1.8	-1.3	
Q3	17.6	-5.1	-1.0	6.9	11.6	-1.4	-10.5	-1.5	7.2	6.8	6.9	7.6	7.3	1.8	
Q4	16.4	4.8	7.3	18.2	9.8	6.9	-8.5	3.8	-4.2	-11.7	-9.0	-8.5	-8.7	-1.2	
2010 Q1	10.9	6.6	7.6	8.6	6.4	1.9	5.8	6.7	7.2	6.5	6.7	-15.0	-4.7	2.2	
Q2	15.6	16.1	16.0	4.4	11.3	9.0	6.1	9.3	2.6	8.9	6.6	6.0	6.3	8.2	
Q3	7.5	3.5	4.5	-5.4	-1.2	11.7	5.6	2.1	-3.1	8.1	4.2	-1.8	1.4	1.9	
Q4	0.6	-0.3	-0.1	-7.2	0.2	-22.1	-2.5	-3.3	-0.2	-2.1	-1.5	3.6	0.8	-1.8	
2011 Q1	-3.0	1.1	0.1	11.0	-2.0	0.9	-5.9	-0.3	-4.2	-3.8	-3.9	2.5	-0.9	-0.5	
Q2	2.6	5.7	5.0	9.8	-3.8	6.7	6.2	4.7	-1.5	-0.9	-1.1	-1.1	-1.1	2.6	
Q3	-6.6	-1.4	-2.6	-4.5	-6.5	-7.3	2.0	-2.5	-4.5	0.2	-1.3	2.3	0.4	-1.5	
Q4	-2.4	-3.1	-3.0	1.0	-7.4	-1.8	2.6	-1.1	1.6	3.7	3.1	1.6	2.3	0.1	
2012 Q1	-11.0	3.3	0.2	-14.7	-7.6	3.9	-11.6	-7.8	-0.1	-1.9	-1.4	-0.4	-0.9	-5.3	
Q2	-3.9	-4.9	-4.7	-5.2	-3.5	5.6	1.1	-2.3	2.6	-6.7	-3.7	-0.6	-2.2	-2.2	
Q3	2.1	-4.5	-3.2	9.6	-4.8	1.8	-9.4	-2.9	3.0	-1.0	0.3	-4.3	-2.0	-2.5	
Q4	0.2	4.5	3.6	4.0	-4.2	6.0	4.1	2.8	-0.3	-1.8	-1.3	3.7	1.1	2.2	
2013 Q1	-7.5	1.0	-0.7	-5.2	-4.0	-6.0	-0.6	-2.4	-3.0	0.8	-0.6	-0.3	-0.4	-1.6	
Q2	13.8	7.3	8.5	1.2	3.6	-9.6	0.7	2.9	-3.0	5.4	2.6	2.5	2.5	2.8	
Q3	2.2	1.8	1.9	-	-	-0.6	5.4	2.2	-2.0	2.4	1.0	1.4	1.2	1.8	
Q4	13.4	5.8	7.3	5.5	-5.7	-1.9	-1.4	2.0	1.7	0.5	0.9	3.6	2.2	2.1	
2014 Q1	8.9	9.5	9.3	-10.3	-1.6	12.0	3.9	2.4	2.4	5.9	4.8	-2.6	1.1	1.9	
Q2	5.7	3.1	3.6	-4.2	1.7	9.3	0.3	1.2	0.2	-1.7	-1.1	3.8	1.3	1.3	
Q3	5.8	6.1	6.0	3.7	2.1	-0.4	0.1	3.0	-0.4	2.6	1.7	0.9	1.3	2.3	
Q4	-3.6	1.2	0.2	7.0	0.8	-1.4	1.2	1.7	-1.3	-2.9	-2.4	-0.1	-1.2	0.6	
2015 Q1	-5.6	2.7	1.1	22.2	-4.0	7.6	-1.0	3.9	2.2	-1.2	-0.2	-1.9	-1.1	2.1	
Q2	-5.2	2.2	0.8	3.0	1.5	-1.6	0.7	1.2	-0.1	4.1	2.8	-4.4	-0.8	0.5	
Q3	-14.0	-3.9	-5.7	-0.3	-1.1	8.0	-2.2	-2.4	-1.8	0.4	-0.3	-0.6	-0.5	-1.7	
Q4	1.6	4.5	4.1	-3.9	-1.1	-6.1	0.4	0.2	-4.3	-2.9	-3.3	0.7	-1.4	-0.4	

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3A.M CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON PREVIOUS MONTH

Index 2012 = 100

	New Housing			Other New Work				Repair and Maintenance						
				Excluding Infrastructure				Housing					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV4O	MV4P	MVM2	MV4Q	MV4R	MV4S	MV4T	MV4U	MV4V	MV4X	MV4Y	MV4Z	MV52	MV53
2010 Jul	3.2	-2.1	-0.9	-9.6	-1.1	-0.1	2.7	-1.5	-5.7	2.4	-0.5	-8.9	-4.4	-2.6
Aug	2.6	2.6	2.6	4.4	0.5	5.0	2.7	2.7	-3.1	1.8	0.2	3.4	1.6	2.3
Sep	-0.3	2.3	1.7	-3.7	-2.0	-20.6	-3.4	-2.9	1.8	3.5	2.9	2.9	2.9	-0.8
Oct	3.1	0.8	1.3	-1.2	3.1	-10.1	-1.3	-0.2	1.4	-4.6	-2.7	2.0	-0.6	-0.3
Nov	1.2	-0.2	0.1	-0.5	-1.0	2.5	6.2	1.8	-1.0	0.3	-0.1	-0.4	-0.3	1.0
Dec	-11.3	-9.7	-10.1	-14.4	-3.1	-5.0	-11.0	-9.6	-3.3	-1.3	-2.0	-3.2	-2.5	-7.1
2011 Jan	0.6	1.8	1.5	13.7	-2.5	1.2	-3.3	1.2	-12.3	-9.1	-10.2	-2.0	-6.4	-1.7
Feb	1.6	3.2	2.8	8.8	3.1	1.4	2.1	3.7	13.4	4.8	7.5	3.4	5.5	4.3
Mar	9.0	12.5	11.7	8.0	2.7	4.3	5.5	7.0	8.6	10.2	9.7	14.3	11.9	8.8
Apr	-5.9	-7.9	-7.4	-0.5	-5.6	-0.8	0.3	-3.1	-10.1	-8.5	-9.0	-11.1	-10.0	-5.7
May	3.0	1.7	2.0	3.1	-1.9	2.6	0.4	1.1	-1.8	-0.6	-1.0	1.8	0.3	0.8
Jun	1.6	11.7	9.4	0.3	1.4	7.0	3.9	4.3	3.3	1.8	2.2	-0.5	0.9	3.1
Jul	-11.6	-7.5	-8.4	-3.5	-3.5	-12.7	-1.3	-4.6	-5.5	-2.7	-3.6	1.7	-1.1	-3.4
Aug	0.3	-0.7	-0.5	-2.3	-3.8	2.0	-0.4	-1.3	-0.1	2.3	1.5	0.5	1.0	-0.5
Sep	9.9	-3.1	-0.4	-2.0	-2.5	-1.9	2.6	-0.2	-1.1	1.4	0.6	-	0.3	-
Oct	-7.0	-2.9	-3.8	-3.3	-8.2	2.1	-0.7	-3.1	1.6	2.1	1.9	-0.5	0.8	-1.7
Nov	2.6	2.8	2.7	7.7	1.0	0.5	5.3	4.2	1.4	0.8	1.0	2.7	1.8	3.3
Dec	-9.2	0.7	-1.5	4.3	9.7	-10.6	-5.5	-0.4	-0.4	-2.0	-1.5	0.5	-0.6	-0.4
2012 Jan	0.3	-1.6	-1.2	-17.0	-11.0	10.3	-9.9	-8.5	-1.8	-9.0	-6.7	-7.1	-6.9	-7.9
Feb	-10.0	0.1	-2.0	-3.7	-5.5	1.4	-1.5	-2.6	0.7	13.6	9.4	5.0	7.2	1.0
Mar	2.0	10.5	8.9	0.3	3.3	1.6	3.7	4.4	3.0	-0.4	0.6	7.4	3.9	4.2
Apr	0.2	-12.2	-9.9	-3.0	-1.3	0.7	-1.3	-4.1	-3.7	-11.6	-9.2	-8.9	-9.0	-6.0
May	-3.0	2.8	1.7	-1.2	0.1	8.3	4.4	2.1	8.8	8.0	8.3	6.3	7.3	4.1
Jun	0.5	-1.3	-1.0	-1.2	-7.3	-6.2	-6.9	-4.3	-4.6	-10.2	-8.3	-5.1	-6.7	-5.2
Jul	5.8	-3.6	-1.8	0.7	0.9	4.8	-4.7	-1.5	4.2	10.7	8.4	1.0	4.7	0.9
Aug	-5.6	-1.8	-2.6	20.8	0.2	-4.0	-0.1	3.0	-1.1	-6.0	-4.4	-4.5	-4.4	-
Sep	2.8	0.9	1.3	-9.1	-2.6	4.6	-4.7	-3.3	-0.1	-7.4	-4.9	-2.5	-3.7	-3.4
Oct	-0.6	5.3	4.1	9.2	1.2	5.4	6.7	5.6	1.7	6.0	4.4	7.6	6.0	5.7
Nov	0.7	0.4	0.5	-1.4	-2.4	-1.5	2.5	0.1	0.1	0.7	0.5	4.2	2.3	1.0
Dec	1.1	-2.8	-2.0	-10.3	-6.5	-	-2.5	-4.5	-4.8	-2.3	-3.2	-9.0	-6.1	-5.1
2013 Jan	-15.4	-0.8	-3.8	-1.0	-3.0	-2.9	1.1	-1.5	-0.5	0.3	-	2.3	1.2	-0.5
Feb	9.1	5.7	6.3	4.5	6.1	-0.7	-0.7	3.2	1.0	2.6	2.1	3.0	2.5	3.0
Mar	6.1	-0.5	0.7	1.9	1.0	-6.6	-1.1	0.1	-0.1	0.1	-	1.2	0.6	0.3
Apr	0.3	3.8	3.1	-1.8	-0.9	-3.2	1.2	0.6	0.5	3.4	2.4	-1.3	0.6	0.6
May	3.4	0.2	0.8	0.1	3.9	-3.0	1.9	1.3	-4.1	2.4	0.2	4.8	2.5	1.7
Jun	11.2	5.1	6.3	0.9	-2.0	0.1	-2.4	1.0	-3.4	-1.5	-2.1	-3.6	-2.9	-0.5
Jul	-5.7	-1.9	-2.6	1.3	0.1	-1.8	4.7	0.8	-1.5	2.6	1.3	2.1	1.7	1.1
Aug	-0.9	2.2	1.6	2.3	-2.0	11.3	1.6	1.7	5.8	-0.3	1.5	2.5	2.0	1.8
Sep	2.0	-3.4	-2.4	-10.3	4.1	-14.7	1.6	-2.5	-1.5	0.9	0.1	-4.2	-2.0	-2.3
Oct	12.1	7.3	8.2	18.4	-7.3	2.7	-0.6	4.8	2.4	2.0	2.1	9.2	5.6	5.1
Nov	0.8	-2.7	-2.0	-5.7	-0.3	2.0	-3.0	-2.7	-3.2	-0.9	-1.6	-4.1	-2.9	-2.8
Dec	-1.1	6.3	4.7	-3.3	-0.2	4.0	-1.1	0.6	1.8	-4.1	-2.3	-1.3	-1.8	-0.3
2014 Jan	6.5	9.2	8.7	-4.1	0.2	2.7	4.4	3.5	6.3	8.8	8.0	0.7	4.3	3.8
Feb	2.2	-5.4	-3.9	-1.4	-2.4	5.8	0.7	-1.4	-5.6	1.1	-1.0	-0.1	-0.6	-1.1
Mar	3.7	2.5	2.7	-4.4	0.3	5.2	2.5	1.2	0.1	-0.8	-0.5	-3.0	-1.8	0.1
Apr	-5.3	3.5	1.6	-0.5	5.6	2.5	-	1.3	4.2	0.3	1.4	6.0	3.7	2.2
May	11.4	-0.7	1.7	1.9	-5.7	1.0	-1.7	-0.3	-3.4	-2.0	-2.4	-1.1	-1.8	-0.9
Jun	1.5	1.2	1.2	-4.7	2.0	1.9	-1.2	-0.4	1.1	-1.3	-0.5	2.3	0.9	0.1
Jul	-0.5	5.4	4.1	5.6	0.9	-3.5	1.7	2.8	-0.3	2.3	1.5	-2.2	-0.4	1.6
Aug	3.1	-0.3	0.4	-0.6	3.5	2.0	-1.2	0.2	1.2	5.0	3.8	3.1	3.5	1.4
Sep	-1.2	1.2	0.7	3.6	-1.4	0.8	2.0	1.3	-1.5	-4.1	-3.3	-	-1.7	0.2
Oct	-2.5	-0.8	-1.2	0.6	0.4	-1.4	-2.3	-1.0	-1.4	-0.1	-0.5	-1.8	-1.1	-1.1
Nov	-3.4	2.5	1.3	3.9	0.5	-3.3	3.0	1.9	2.4	-1.4	-0.2	2.2	1.0	1.6
Dec	2.8	-0.9	-0.2	4.3	-0.3	3.3	2.0	1.4	-2.5	-2.1	-2.2	-2.2	-2.2	-
2015 Jan	-5.6	3.7	1.8	15.4	-4.3	9.9	-1.1	3.1	2.1	1.5	1.7	0.5	1.1	2.3
Feb	-0.1	-2.1	-1.7	-0.1	2.6	-3.6	-	-0.5	-0.6	-4.1	-3.0	-3.1	-3.1	-1.4
Mar	-1.9	1.0	0.4	5.6	-4.0	-2.1	-6.6	-1.2	3.8	6.1	5.4	1.4	3.4	0.4
Apr	3.2	5.3	4.9	3.0	2.4	3.3	3.4	3.7	-3.8	0.8	-0.6	-3.1	-1.9	1.7
May	-10.1	-2.7	-4.1	-3.7	0.2	-2.6	1.6	-1.9	2.1	-0.1	0.5	-1.1	-0.3	-1.3
Jun	-0.4	-3.4	-2.9	-3.0	2.6	-1.2	2.6	-0.7	0.1	2.4	1.7	-1.6	0.1	-0.4
Jul	-6.4	-0.6	-1.6	5.8	-1.5	14.7	-3.4	0.2	-2.5	-0.8	-1.3	3.2	0.8	0.4
Aug	-9.9	-0.2	-1.8	-3.1	-1.9	-7.6	-0.4	-2.0	-0.8	-1.1	-1.0	-4.5	-2.7	-2.3
Sep	7.1	0.1	1.2	-1.7	-0.2	2.8	-2.4	-0.6	1.4	1.0	1.2	2.2	1.7	0.2
Oct	-2.8	2.6	1.7	-2.0	-1.9	-1.7	4.9	1.2	-3.5	-1.1	-1.8	-0.1	-1.0	0.4
Nov	-0.4	1.6	1.3	-5.3	2.1	-2.3	-2.4	-1.3	-3.5	-1.8	-2.3	1.0	-0.7	-1.1
Dec	11.3	2.4	3.8	12.0	0.7	-6.6	-2.9	2.6	2.5	-2.9	-1.3	0.4	-0.5	1.5

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3B.A CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME PERIOD A YEAR EARLIER BY SECTOR

Index 2012 = 100

	New Housing				Other New Work				Repair and Maintenance						
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing				Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing				
1998	MV5H -19.0	MV5I 1.0	MVM3 -1.2	MV5J -2.8	MV5K 5.4	MV5L 1.9	MV5M 8.4	MV5N 2.6	MV5O -6.6	MV5P 2.1	MV5Q -1.5	MV5R 1.1	MV5S -0.2	MV5T 1.5	
1999	-13.3	-10.0	-10.3	-2.8	12.6	3.2	12.0	3.0	-4.1	-1.2	-2.4	-0.6	-1.5	1.3	
2000	25.5	11.7	12.9	-6.2	-5.3	-10.7	0.8	0.2	-3.2	0.5	-1.0	5.3	2.1	0.9	
2001	2.3	-6.7	-5.8	7.1	0.9	2.2	-0.7	-0.1	-5.4	4.4	0.7	9.2	4.9	1.8	
2002	13.2	9.0	9.4	13.1	26.5	-20.7	3.3	6.1	-5.1	8.3	3.4	6.6	5.1	5.7	
2003	13.8	24.8	23.6	-5.7	25.5	5.6	-3.6	6.0	13.1	-2.3	2.7	2.8	2.8	4.8	
2004	20.1	21.5	21.4	-12.7	12.3	3.0	10.3	9.5	9.7	-2.9	1.4	-4.4	-1.7	5.3	
2005	-5.9	2.9	2.0	-4.1	-10.0	-2.0	-4.3	-2.9	-0.6	-8.9	-6.0	2.6	-1.6	-2.4	
2006	17.9	0.3	1.9	-7.8	-8.1	8.4	8.5	2.6	-4.3	-6.2	-5.5	0.2	-2.5	0.8	
2007	15.5	-1.6	0.2	-1.4	-1.7	-2.4	10.1	3.5	-5.3	-2.5	-3.5	2.3	-0.4	2.2	
2008	-9.6	-22.4	-20.8	11.2	11.2	-22.6	1.2	-5.3	2.9	1.1	1.7	3.3	2.6	-2.6	
2009	2.0	-31.3	-26.6	14.5	21.0	-29.8	-25.1	-15.3	-2.7	-12.6	-9.3	-9.7	-9.5	-13.2	
2010	56.8	21.5	28.4	27.5	31.9	11.2	-2.0	16.4	8.7	9.6	9.5	-14.5	-3.1	8.6	
2011	2.2	9.1	7.4	8.4	-7.6	-9.4	2.4	2.4	-8.1	0.8	-2.2	6.6	1.9	2.2	
2012	-16.7	-3.3	-6.3	-12.6	-21.6	7.0	-10.4	-10.9	1.7	-5.3	-3.0	-0.1	-1.6	-7.5	
2013	6.9	8.8	8.5	3.1	-9.1	-7.5	0.5	1.4	-4.0	2.4	0.3	3.6	1.9	1.6	
2014	32.1	24.0	25.5	-6.0	-2.6	14.0	6.3	8.8	1.5	8.2	6.0	4.7	5.4	7.5	
2015	-14.1	8.3	3.7	30.9	-1.7	9.8	-0.5	6.8	-1.1	-	-0.4	-4.1	-2.2	3.4	

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3B.Q CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME PERIOD A YEAR EARLIER

Index 2012 = 100

	New Housing				Other New Work			Repair and Maintenance						
					Excluding Infrastructure			Housing					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV68	MV69	MVM8	MV6A	MV6B	MV6C	MV6D	MV6E	MV6F	MV6G	MV6H	MV6I	MV6J	MV6K
2001 Q1	-8.0	-12.0	-11.6	3.7	-13.8	-0.1	-1.2	-3.8	-10.4	3.1	-2.1	4.7	1.3	-1.9
Q2	8.2	-8.1	-6.6	8.1	-2.7	7.5	-3.9	-1.2	-6.7	6.2	1.2	11.7	6.4	1.6
Q3	3.6	-4.3	-3.5	12.6	8.1	7.5	-1.0	2.4	-6.2	2.6	-0.6	12.9	6.0	3.7
Q4	5.0	-2.0	-1.3	4.1	13.8	-6.1	3.2	2.3	2.6	5.7	4.5	7.7	6.2	3.8
2002 Q1	30.1	7.9	10.1	13.7	26.9	-18.3	1.7	5.7	-4.4	-1.0	-2.2	10.7	4.3	5.2
Q2	4.9	3.5	3.7	9.4	24.1	-27.1	4.7	3.7	-7.7	5.7	0.8	5.0	3.0	3.4
Q3	15.7	8.6	9.4	16.5	29.1	-22.5	6.0	7.9	-4.6	11.6	5.7	7.2	6.5	7.4
Q4	5.4	15.6	14.4	12.8	26.0	-13.9	1.0	7.2	-3.7	17.1	9.4	3.8	6.4	6.9
2003 Q1	6.3	20.5	18.9	1.2	25.2	-0.3	-3.8	5.4	-1.4	-1.6	-1.7	1.7	0.2	3.5
Q2	13.2	24.9	23.6	-2.7	24.3	6.1	-5.0	5.7	12.1	2.7	5.8	4.8	5.3	5.5
Q3	12.9	24.8	23.5	-12.6	23.9	4.3	-5.2	3.8	25.2	-2.0	6.7	5.0	5.8	4.5
Q4	22.7	28.5	27.9	-8.3	28.3	12.4	-0.6	9.2	16.8	-7.8	-	-0.2	-0.1	5.7
2004 Q1	28.6	30.3	30.1	-12.7	28.0	12.4	10.4	13.7	27.1	9.9	15.8	1.9	8.2	11.7
Q2	26.7	28.3	28.2	-12.4	18.9	8.0	14.3	13.7	10.6	-8.3	-2.0	-6.4	-4.3	6.8
Q3	19.0	19.9	19.8	-11.4	8.3	1.2	12.2	9.5	-1.3	-4.3	-3.4	-9.1	-6.4	3.5
Q4	8.0	10.1	9.9	-14.4	-2.4	-8.2	4.6	1.7	5.6	-7.6	-3.1	-3.9	-3.5	-0.2
2005 Q1	-5.2	4.3	3.3	-7.7	-7.5	-10.8	-2.2	-2.5	3.0	-11.1	-6.3	-0.2	-3.1	-2.8
Q2	-9.4	5.3	3.8	-8.6	-9.6	-3.5	-5.1	-3.3	5.8	-7.0	-2.6	4.8	1.2	-1.7
Q3	-10.2	2.1	0.8	-3.6	-12.0	0.9	-6.6	-4.1	-3.3	-9.9	-7.6	5.3	-1.0	-3.0
Q4	1.2	0.1	0.2	4.4	-11.2	6.4	-3.5	-1.6	-8.0	-7.4	-7.7	0.6	-3.4	-2.2
2006 Q1	10.8	-1.0	0.1	-1.3	-10.3	13.5	2.2	0.5	-11.6	-5.4	-7.7	-4.8	-6.2	-1.9
Q2	18.5	-2.1	-0.3	-6.1	-9.8	7.7	5.1	0.6	-11.9	-4.0	-6.9	1.3	-2.6	-0.5
Q3	26.1	1.0	3.2	-10.4	-6.6	6.0	11.8	3.9	4.4	-8.0	-3.7	-0.6	-2.1	1.8
Q4	16.5	3.4	4.7	-13.3	-5.6	6.7	15.2	5.5	3.8	-7.6	-3.7	5.3	1.1	3.9
2007 Q1	22.5	3.9	5.8	-11.4	-5.3	3.1	12.7	5.1	3.0	-5.3	-2.4	7.0	2.5	4.2
Q2	19.2	0.4	2.4	-2.8	-2.6	3.8	12.7	5.4	-3.7	-2.9	-3.1	-0.2	-1.6	3.0
Q3	12.2	-3.2	-1.5	3.0	-	-3.2	7.8	2.7	-12.8	-2.7	-6.4	2.3	-1.8	1.1
Q4	8.9	-7.3	-5.5	6.9	1.3	-13.0	7.5	1.1	-7.1	1.2	-1.9	0.5	-0.7	0.5
2008 Q1	-5.6	-11.9	-11.2	12.7	7.4	-15.4	8.5	0.6	-6.3	-1.5	-3.3	2.2	-0.4	0.3
Q2	-8.8	-18.5	-17.3	14.9	10.0	-23.9	2.4	-3.8	7.7	0.3	2.8	9.2	6.2	-0.4
Q3	-9.3	-26.1	-24.0	14.4	13.7	-24.4	2.9	-5.1	9.3	0.9	3.7	5.8	4.8	-1.7
Q4	-14.9	-34.0	-31.6	3.1	13.8	-27.6	-8.6	-13.1	2.1	4.8	3.9	-3.7	-0.1	-8.7
2009 Q1	-16.9	-38.9	-36.1	1.2	9.1	-36.7	-19.4	-19.9	-5.1	-8.8	-7.6	-10.1	-9.0	-16.1
Q2	-11.8	-35.3	-32.1	6.3	15.5	-34.0	-21.5	-17.5	-7.2	-14.7	-12.1	-15.7	-14.1	-16.2
Q3	6.4	-30.7	-25.2	10.8	23.5	-29.9	-29.8	-16.8	1.6	-4.9	-2.7	-5.5	-4.2	-12.2
Q4	34.0	-15.8	-7.9	40.7	34.9	-15.4	-30.3	-6.0	-0.2	-21.3	-14.4	-7.2	-10.7	-7.8
2010 Q1	58.9	2.0	11.4	49.7	41.7	0.2	-18.7	8.0	14.7	-3.4	2.8	-18.4	-8.3	1.5
Q2	75.5	23.3	32.6	43.3	45.0	17.2	-8.2	19.1	12.8	9.4	10.7	-11.4	-0.8	11.2
Q3	60.4	34.5	39.9	26.8	28.3	32.7	8.4	23.6	2.0	10.8	7.9	-19.1	-6.2	11.3
Q4	38.6	27.9	30.3	-0.4	17.1	-3.3	15.6	15.2	6.2	22.8	16.8	-8.3	3.6	10.6
2011 Q1	21.2	21.2	21.2	1.8	7.8	-4.3	2.9	7.6	-5.0	11.0	5.2	10.6	7.7	7.7
Q2	7.6	10.2	9.6	7.0	-6.7	-6.3	3.0	3.2	-8.8	1.0	-2.4	3.3	0.2	2.1
Q3	-6.5	4.9	2.2	8.0	-11.7	-22.2	-0.6	-1.5	-10.1	-6.4	-7.6	7.5	-0.8	-1.2
Q4	-9.3	1.9	-0.8	17.6	-18.3	-2.0	4.6	0.7	-8.4	-0.8	-3.3	5.4	0.7	0.7
2012 Q1	-16.8	4.2	-0.6	-9.6	-23.0	0.8	-1.8	-6.9	-4.5	1.0	-0.8	2.4	0.8	-4.1
Q2	-22.1	-6.1	-9.8	-21.9	-22.7	-0.2	-6.5	-13.1	-0.6	-4.9	-3.5	2.8	-0.4	-8.6
Q3	-14.8	-9.1	-10.3	-10.5	-21.4	9.7	-16.9	-13.4	7.2	-6.0	-1.9	-3.7	-2.8	-9.6
Q4	-12.6	-1.9	-4.2	-7.8	-18.7	18.4	-15.7	-10.0	5.2	-11.0	-6.0	-1.8	-3.9	-7.8
2013 Q1	-9.2	-4.1	-5.1	2.4	-15.5	7.2	-5.2	-4.7	2.1	-8.6	-5.2	-1.7	-3.5	-4.3
Q2	7.6	8.2	8.1	9.4	-9.3	-8.2	-5.6	0.3	-3.5	3.2	1.0	1.4	1.2	0.7
Q3	7.7	15.4	13.8	-0.2	-4.7	-10.4	9.8	5.6	-8.1	6.8	1.7	7.5	4.5	5.1
Q4	21.9	16.8	17.8	1.3	-6.2	-17.1	4.0	4.7	-6.3	9.3	3.9	7.4	5.6	5.1
2014 Q1	43.5	26.6	29.7	-4.2	-3.8	-1.3	8.7	9.9	-1.0	14.9	9.5	4.9	7.2	8.8
Q2	33.2	21.6	23.9	-9.3	-5.7	19.3	8.3	8.1	2.3	7.2	5.6	6.3	5.9	7.2
Q3	37.9	26.7	28.9	-5.9	-3.7	19.6	2.9	8.9	3.9	7.4	6.3	5.7	6.0	7.8
Q4	17.3	21.2	20.4	-4.6	3.0	20.2	5.6	8.5	0.8	3.8	2.9	2.0	2.4	6.2
2015 Q1	1.7	13.8	11.3	29.9	0.5	15.5	0.6	10.1	0.6	-3.2	-2.0	2.7	0.3	6.4
Q2	-8.7	12.7	8.2	39.7	0.3	4.0	1.0	10.1	0.3	2.5	1.8	-5.5	-1.8	5.5
Q3	-25.8	2.1	-3.7	34.3	-2.9	12.8	-1.3	4.4	-1.1	0.3	-0.2	-7.0	-3.5	1.4
Q4	-21.8	5.4	-0.1	20.7	-4.7	7.4	-2.1	2.8	-4.2	0.3	-1.1	-6.2	-3.7	0.4

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

3B.M CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME PERIOD A YEAR EARLIER

Index 2012 = 100

		New Housing			Other New Work				Repair and Maintenance						
					Excluding Infrastructure				Housing					All Repair and Maintenance	
		Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		All Work
		MV4W	MV5U	MVM4	MV5V	MV5W	MV5X	MV5Y	MV5Z	MV62	MV63	MV64	MV65	MV66	MV67
2011	Feb	9.5	19.3	16.9	3.2	13.0	-4.9	-0.7	6.7	-3.8	6.8	3.0	8.3	5.5	6.2
	Mar	16.5	15.3	15.6	-1.9	-3.0	-8.0	2.5	3.2	1.5	8.1	5.9	10.2	7.9	4.9
	Apr	8.4	6.7	7.1	7.0	-6.4	-1.7	4.0	3.1	-5.3	4.7	1.2	4.0	2.5	2.9
	May	7.2	8.3	8.0	8.9	-7.0	0.3	1.5	2.9	-9.7	-0.3	-3.6	7.0	1.3	2.3
	Jun	7.1	15.5	13.6	5.2	-6.7	-15.0	3.5	3.5	-11.2	-1.1	-4.7	-0.9	-2.9	1.2
	Jul	-8.2	9.2	5.0	12.3	-9.0	-25.7	-0.5	0.2	-11.0	-6.1	-7.7	10.7	0.5	0.3
	Aug	-10.3	5.7	1.9	5.1	-12.8	-27.9	-3.5	-3.7	-8.3	-5.6	-6.5	7.6	-0.1	-2.4
	Sep	-1.1	0.1	-0.2	6.9	-13.2	-10.9	2.5	-1.0	-10.9	-7.5	-8.6	4.6	-2.6	-1.6
	Oct	-10.8	-3.5	-5.2	4.6	-22.7	1.2	3.1	-3.9	-10.8	-0.9	-4.2	2.0	-1.3	-3.0
	Nov	-9.6	-0.6	-2.8	13.2	-21.2	-0.8	2.3	-1.7	-8.6	-0.4	-3.1	5.2	0.8	-0.8
	Dec	-7.5	10.8	6.5	37.9	-10.7	-6.6	8.7	8.4	-5.8	-1.2	-2.7	9.2	2.8	6.3
2012	Jan	-7.7	7.1	3.6	0.7	-18.5	1.8	1.2	-2.0	5.5	-1.0	1.1	3.6	2.3	-0.5
	Feb	-18.3	3.9	-1.3	-10.9	-25.3	1.8	-2.4	-8.0	-6.3	7.4	2.8	5.3	4.0	-3.6
	Mar	-23.5	2.0	-3.8	-17.2	-24.9	-0.9	-4.0	-10.3	-11.1	-2.9	-5.6	-1.1	-3.4	-7.7
	Apr	-18.6	-2.7	-6.4	-19.3	-21.5	0.6	-5.5	-11.2	-4.7	-6.3	-5.8	1.4	-2.3	-8.0
	May	-23.3	-1.7	-6.7	-22.7	-19.9	6.2	-1.7	-10.3	5.6	1.9	3.1	6.0	4.5	-5.0
	Jun	-24.2	-13.1	-15.5	-23.8	-26.8	-6.9	-12.0	-17.6	-2.5	-10.1	-7.6	1.1	-3.4	-12.7
	Jul	-9.3	-9.5	-9.5	-20.5	-23.4	11.7	-15.0	-15.0	7.6	2.3	4.0	0.4	2.2	-8.8
	Aug	-14.6	-10.6	-11.5	-1.8	-20.3	5.2	-14.7	-11.3	6.5	-6.0	-2.0	-4.6	-3.3	-8.4
	Sep	-20.1	-7.0	-10.0	-8.9	-20.4	12.2	-20.8	-14.1	7.6	-14.1	-7.4	-7.0	-7.2	-11.6
	Oct	-14.5	0.8	-2.6	2.8	-12.2	15.7	-15.0	-6.3	7.7	-10.9	-5.1	0.5	-2.4	-4.9
	Nov	-16.1	-1.5	-4.7	-5.9	-15.2	13.5	-17.3	-10.0	6.3	-11.0	-5.6	2.0	-1.9	-7.0
	Dec	-6.6	-4.8	-5.2	-19.1	-27.7	26.9	-14.7	-13.7	1.6	-11.2	-7.2	-7.7	-7.4	-11.4
2013	Jan	-21.3	-4.1	-7.7	-3.5	-21.2	11.7	-4.3	-7.1	3.0	-2.2	-0.5	1.7	0.6	-4.2
	Feb	-4.5	1.2	0.1	4.7	-11.5	9.4	-3.4	-1.5	3.3	-11.6	-7.1	-0.3	-3.8	-2.4
	Mar	-0.6	-8.8	-7.3	6.4	-13.5	0.6	-7.9	-5.6	0.1	-11.2	-7.7	-6.0	-6.8	-6.1
	Apr	-0.5	7.7	6.1	7.6	-13.1	-3.3	-5.5	-0.9	4.5	3.9	4.1	1.9	3.0	0.6
	May	6.1	5.0	5.2	9.1	-9.8	-13.4	-7.8	-1.7	-7.8	-1.5	-3.6	0.4	-1.6	-1.7
	Jun	17.4	11.9	13.0	11.4	-4.6	-7.5	-3.3	3.7	-6.7	7.9	2.9	2.0	2.4	3.2
	Jul	4.6	13.9	12.0	12.2	-5.4	-13.3	6.3	6.2	-11.8	-	-3.9	3.1	-0.5	3.5
	Aug	9.8	18.7	16.9	-4.9	-7.4	0.6	8.1	4.9	-5.7	6.0	2.0	10.7	6.2	5.4
	Sep	8.9	13.6	12.6	-6.1	-1.1	-18.0	15.2	5.7	-6.9	15.5	7.4	8.8	8.1	6.6
	Oct	22.8	15.8	17.2	1.8	-9.4	-20.1	7.3	5.0	-6.2	11.1	5.0	10.4	7.7	6.0
	Nov	22.9	12.2	14.3	-2.6	-7.5	-17.3	1.6	1.9	-9.3	9.4	2.8	1.7	2.3	2.1
	Dec	20.2	22.6	22.1	5.0	-1.3	-14.0	3.1	7.4	-3.0	7.3	3.8	10.3	7.0	7.2
2014	Jan	51.3	35.0	37.9	1.7	1.9	-9.0	6.5	12.9	3.5	16.4	12.0	8.6	10.3	11.9
	Feb	41.7	20.8	24.7	-4.0	-6.2	-3.1	7.9	7.8	-3.3	14.6	8.6	5.3	6.9	7.5
	Mar	38.5	24.4	27.1	-9.9	-6.8	9.1	11.8	9.0	-3.2	13.7	8.0	0.9	4.4	7.2
	Apr	30.7	24.0	25.3	-8.6	-0.7	15.5	10.4	9.7	0.3	10.2	7.0	8.3	7.6	8.9
	May	40.9	22.8	26.3	-7.0	-9.9	20.3	6.5	8.0	1.0	5.5	4.1	2.2	3.1	6.1
	Jun	28.6	18.2	20.3	-12.2	-6.3	22.3	7.8	6.5	5.7	5.8	5.8	8.5	7.1	6.7
	Jul	35.7	26.9	28.6	-8.5	-5.5	20.1	4.7	8.6	7.0	5.5	6.0	3.8	4.9	7.2
	Aug	41.2	23.7	27.1	-11.1	-0.2	10.1	1.8	7.0	2.4	11.1	8.3	4.5	6.4	6.8
	Sep	36.8	29.6	31.1	2.6	-5.4	30.1	2.2	11.1	2.4	5.6	4.6	9.1	6.8	9.5
	Oct	19.0	19.8	19.7	-12.8	2.4	24.9	0.4	4.9	-1.5	3.5	1.9	-1.9	-	3.0
	Nov	14.1	26.3	23.7	-3.9	3.3	18.4	6.7	10.0	4.2	2.9	3.3	4.5	3.9	7.6
	Dec	18.7	17.7	17.9	3.5	3.3	17.6	10.0	10.8	-0.1	5.0	3.4	3.5	3.4	8.0
2015	Jan	5.2	11.7	10.4	24.6	-1.3	25.9	4.2	10.3	-4.0	-2.0	-2.6	3.2	0.2	6.5
	Feb	2.9	15.7	13.0	26.2	3.7	14.7	3.5	11.4	1.2	-7.0	-4.5	0.1	-2.2	6.1
	Mar	-2.7	14.0	10.5	39.4	-0.8	6.8	-5.7	8.7	5.0	-0.5	1.1	4.8	2.9	6.5
	Apr	6.1	16.0	14.0	44.1	-3.8	7.6	-2.5	11.4	-3.0	-	-0.9	-4.3	-2.6	6.0
	May	-14.5	13.7	7.6	36.3	2.1	3.8	0.8	9.6	2.5	1.9	2.1	-4.2	-1.1	5.5
	Jun	-16.1	8.5	3.2	38.6	2.8	0.7	4.7	9.3	1.5	5.7	4.4	-7.9	-1.8	5.0
	Jul	-21.1	2.4	-2.5	39.0	0.3	19.7	-0.5	6.6	-0.8	2.5	1.5	-2.8	-0.6	3.9
	Aug	-31.0	2.5	-4.6	35.5	-5.0	8.4	0.4	4.2	-2.7	-3.4	-3.2	-10.0	-6.5	0.1
	Sep	-25.2	1.4	-4.1	28.6	-3.8	10.5	-3.9	2.3	0.2	1.8	1.3	-8.0	-3.4	0.2
	Oct	-25.4	4.9	-1.3	25.2	-6.0	10.2	3.2	4.7	-2.0	0.8	-	-6.4	-3.2	1.7
	Nov	-23.1	3.9	-1.4	14.2	-4.5	11.4	-2.3	1.4	-7.6	0.4	-2.1	-7.4	-4.8	-0.9
	Dec	-16.8	7.4	2.6	22.7	-3.6	0.7	-7.0	2.5	-2.9	-0.4	-1.2	-4.9	-3.1	0.5

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

4A.A CONSTRUCTION OUTPUT: VALUE SEASONALLY ADJUSTED CURRENT PRICES BY SECTOR

£ million

	New Housing				Other New Work				Repair and Maintenance								All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Other Work						
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing	Infra-structure	Public	Private				
	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVNM	MVO2	N42T	N42U	N42V	MVO4	MVO5		
1997	1 028	7 559	8 587	7 953	3 063	4 536	12 631	36 770	5 229	7 460	12 689	–	4 669	6 862	24 220	60 990		
1998	881	8 146	9 027	7 703	3 343	4 893	14 747	39 713	5 110	7 890	13 000	–	4 778	7 334	25 112	64 825		
1999	824	8 079	8 903	7 610	3 907	5 030	17 713	43 163	5 059	7 990	13 049	–	4 882	7 487	25 418	68 581		
2000	1 075	9 475	10 550	7 941	3 863	4 717	18 608	45 679	5 104	8 358	13 462	–	5 158	8 412	27 032	72 711		
2001	1 174	9 639	10 813	8 814	4 253	4 709	19 988	48 577	5 164	8 870	14 034	–	5 541	9 808	29 383	77 960		
2002	1 411	11 453	12 864	10 033	5 517	4 323	22 220	54 957	4 974	10 255	15 229	–	6 065	10 969	32 263	87 220		
2003	1 706	15 017	16 723	9 333	7 280	4 765	22 893	60 994	5 781	11 146	16 927	–	7 168	12 169	36 264	97 258		
2004	2 210	18 977	21 187	8 243	8 638	5 210	25 509	68 787	6 414	11 951	18 365	–	7 215	12 291	37 871	106 658		
2005	2 251	20 715	22 966	8 241	8 362	5 610	26 325	71 504	6 642	12 276	18 918	–	8 044	13 027	39 989	111 493		
2006	2 853	21 765	24 618	8 178	8 047	6 308	30 121	77 272	6 819	12 568	19 387	–	7 868	13 794	41 049	118 321		
2007	3 480	22 146	25 626	8 642	8 347	6 438	34 404	83 457	6 885	13 476	20 361	–	7 439	15 807	43 607	127 064		
2008	3 299	18 138	21 437	9 715	9 988	5 339	35 190	81 669	7 467	14 708	22 175	–	8 635	16 165	46 975	128 644		
2009	3 327	12 592	15 919	10 738	11 857	3 515	25 558	67 587	7 417	13 283	20 700	–	8 631	14 165	43 496	111 083		
2010	4 891	14 839	19 730	13 538	14 372	3 550	23 712	74 902	7 873	14 406	22 279	6 841	5 072	8 290	42 483	117 385		
2011	4 919	16 398	21 317	15 321	13 306	3 364	24 275	77 584	7 224	15 159	22 383	8 030	5 044	8 963	44 244	121 828		
2012	4 027	16 235	20 262	14 103	10 795	3 718	22 485	71 363	7 613	15 070	22 683	8 084	4 962	9 191	44 744	116 107		
2013	4 334	18 119	22 453	15 112	10 227	3 538	23 587	74 917	7 518	16 132	23 650	8 375	5 341	9 703	46 887	121 804		
2014	5 850	23 807	29 657	14 747	10 295	4 142	26 124	84 965	7 751	18 012	25 763	9 154	5 834	10 352	50 806	135 771		
2015	5 182	26 407	31 589	19 756	10 394	4 645	26 662	93 047	7 736	18 107	25 843	8 788	5 036	10 774	50 441	143 488		

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

4A CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED CURRENT PRICES BY SECTOR

£ million

	New Housing				Other New Work				Repair and Maintenance				Other Work		All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infrast- ructure	Excluding Infrastructure			All new work	Housing			Public	Private			
					Public	Private industr- ial	Private commerc- ial		Public housing	Private housing	Total housing			Infrast- ructure		
	MV6L	MV6M	MVM5	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV72
1997	1 028	7 559	8 587	7 953	3 063	4 536	12 631	36 770	5 229	7 460	12 689	–	4 669	6 862	24 220	60 990
1998	881	8 146	9 027	7 703	3 343	4 893	14 747	39 713	5 110	7 890	13 000	–	4 778	7 334	25 112	64 825
1999	824	8 079	8 903	7 610	3 907	5 030	17 713	43 163	5 059	7 990	13 049	–	4 882	7 487	25 418	68 581
2000	1 075	9 475	10 550	7 941	3 863	4 717	18 608	45 679	5 104	8 358	13 462	–	5 158	8 412	27 032	72 711
2001	1 174	9 639	10 813	8 814	4 253	4 709	19 988	48 577	5 164	8 870	14 034	–	5 541	9 808	29 383	77 960
2002	1 411	11 453	12 864	10 033	5 517	4 323	22 220	54 957	4 974	10 255	15 229	–	6 065	10 969	32 263	87 220
2003	1 706	15 017	16 723	9 333	7 280	4 765	22 893	60 994	5 781	11 146	16 927	–	7 168	12 169	36 264	97 258
2004	2 210	18 977	21 187	8 243	8 638	5 210	25 509	68 787	6 414	11 951	18 365	–	7 215	12 291	37 871	106 658
2005	2 251	20 715	22 966	8 241	8 362	5 610	26 325	71 504	6 642	12 276	18 918	–	8 044	13 027	39 989	111 493
2006	2 853	21 765	24 618	8 178	8 047	6 308	30 121	77 272	6 819	12 568	19 387	–	7 868	13 794	41 049	118 321
2007	3 480	22 146	25 626	8 642	8 347	6 438	34 404	83 457	6 885	13 476	20 361	–	7 439	15 807	43 607	127 064
2008	3 299	18 138	21 437	9 715	9 988	5 339	35 190	81 669	7 467	14 708	22 175	–	8 635	16 165	46 975	128 644
2009	3 327	12 592	15 919	10 738	11 857	3 515	25 558	67 587	7 417	13 283	20 700	–	8 631	14 165	43 496	111 083
2010	4 893	14 839	19 732	13 540	14 372	3 551	23 710	74 905	7 871	14 405	22 276	6 841	5 074	8 290	42 480	117 385
2011	4 919	16 398	21 317	15 321	13 306	3 364	24 275	77 584	7 224	15 159	22 383	7 762	5 044	8 963	44 152	121 737
2012	4 027	16 235	20 262	14 103	10 795	3 718	22 485	71 363	7 613	15 070	22 683	7 815	4 962	9 191	44 651	116 014
2013	4 334	18 119	22 453	15 112	10 227	3 538	23 587	74 917	7 518	16 132	23 650	8 096	5 341	9 703	46 789	121 706
2014	5 782	23 622	29 405	15 384	10 360	4 201	25 944	85 294	7 784	17 969	25 753	8 809	5 513	10 642	50 717	136 011
2015	5 032	26 109	31 141	20 279	10 403	4 798	26 767	93 388	7 801	18 330	26 132	8 452	4 784	10 975	50 343	143 731

Users of these data should note that there may be instances where the period on period growths for the same component differ between tables. This is due to the growth rates being calculated at a higher precision than 1 dp within the production system. This accuracy is truncated when transferred into the published tables.

5 CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED CURRENT PRICES BY TYPE OF WORK

£ million

		2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3
PUBLIC HOUSING	MV6L	1 238	1 280	1 487	1 535	1 480	1 314	1 387	1 157
PRIVATE HOUSING	MV6M	5 114	5 049	5 963	6 249	6 362	5 831	6 867	6 528
INFRASTRUCTURE									
Water	MV73	338	264	229	207	167	184	179	177
Sewerage	MV74	121	101	92	101	115	131	136	275
Electricity	MV75	1 099	1 136	1 270	1 443	1 615	1 896	2 100	2 225
Roads	MV76	743	670	699	817	951	1 276	1 495	1 514
Railways	MV77	1 145	975	904	821	791	835	773	672
Harbours	MV78	187	177	185	202	224	260	267	249
Other ¹	MV79	407	349	320	297	262	250	203	153
TOTAL	MV6N	4 056	3 673	3 700	3 887	4 124	4 831	5 153	5 265
of which									
public	MV7A	1 516	1 367	1 364	1 443	1 592	1 968	2 101	2 008
private	MV7B	2 524	2 305	2 335	2 444	2 533	2 864	3 053	3 257
OTHER PUBLIC NON-HOUSING									
Factories	MV7C	19	20	22	23	19	15	16	18
Warehouses	MV7D	11	9	8	7	4	2	2	2
Oil, Steel, Coal	MV7E	4	2	2	2	2	2	2	1
Schools & Colleges	MV7F	999	878	940	1 066	1 025	906	1 035	1 195
Universities	MV7G	372	365	431	514	485	407	410	418
Health	MV7H	511	431	438	446	398	357	420	494
Offices	MV7I	150	115	116	127	120	106	122	147
Entertainment	MV7J	181	185	214	244	225	191	198	198
Garages, Shops	MV7Z	41	39	44	48	48	45	51	60
Agriculture, Miscellaneous	MV82	259	257	305	370	361	308	315	321
TOTAL	MV6O	2 547	2 301	2 522	2 848	2 690	2 340	2 568	2 854
PRIVATE INDUSTRIAL									
Factories	MV83	460	479	591	662	602	617	601	685
Warehouses	MV84	350	401	440	423	421	508	571	623
Oil, Steel, Coal	MV85	59	65	60	38	19	11	1	2
TOTAL	MV6P	869	946	1 091	1 123	1 042	1 136	1 173	1 311
PRIVATE COMMERCIAL									
Schools, Universities	MV86	906	922	967	1 067	1 079	992	1 063	1 187
Health	MV87	243	220	250	262	266	255	280	287
Offices	MV88	1 930	1 893	2 035	2 210	2 295	2 189	2 358	2 508
Entertainment	MV89	1 326	1 337	1 420	1 478	1 448	1 297	1 347	1 387
Garages	MV8A	95	78	67	62	54	52	60	71
Shops	MV8B	1 279	1 261	1 349	1 423	1 389	1 228	1 253	1 261
Agriculture, Miscellaneous	MV8C	487	347	263	257	245	237	253	265
TOTAL	MV6Q	6 266	6 059	6 351	6 758	6 777	6 250	6 613	6 965
TOTAL NEW WORK	MV6R	20 091	19 307	21 113	22 399	22 474	21 702	23 762	24 080

6 CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED CURRENT PRICES BY REGION

£ million

		2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3
NORTH EAST									
New Housing									
Housing	MV8D	53	61	74	76	69	57	52	42
Private	MV8E	189	163	188	203	224	231	295	306
Total Housing	N3QP	242	224	262	279	294	287	347	348
Infrastructure	MV8F	177	188	203	227	243	272	261	257
Other New Work									
Excluding Infrastructure									
Public	MV8G	75	85	105	120	112	97	106	120
Private Industrial	MV8H	48	87	129	134	97	79	61	53
Private Commercial	MV8I	274	240	218	243	229	188	186	179
All New Work	MV8J	816	823	916	1 002	975	924	961	957
Repair and Maintenance									
Housing	MV8K	186	146	131	156	148	134	143	142
Other New Work									
Public	MV8L	22	20	17	20	19	15	17	85
Private	MV8M	49	53	72	75	66	70	71	81
Infrastructure	MV8N	49	56	51	60	56	59	65	71
All Repair and Maintenance	MV8O	306	275	271	311	289	278	296	319
All Work	MV8P	1 122	1 098	1 187	1 313	1 264	1 202	1 257	1 276
YORKSHIRE AND THE HUMBER									
New Housing									
Public	MV8Q	46	55	88	119	139	141	153	124
Private	MV8R	366	365	441	471	485	434	517	486
Total Housing	N3QQ	412	420	529	589	624	575	670	611
Infrastructure	MV8S	412	349	320	336	332	363	340	301
Other New Work									
Excluding Infrastructure									
Public	MV8T	167	136	137	152	145	129	146	174
Private Industrial	MV8U	63	65	80	95	103	121	123	150
Private Commercial	MV8V	527	539	612	607	537	421	398	398
All New Work	MV8W	1 581	1 508	1 677	1 779	1 741	1 609	1 677	1 633
Repair and Maintenance									
Housing	MV8X	435	433	462	490	467	431	434	411
Other New Work									
Public	MV8Y	82	73	78	98	76	69	72	85
Private	MV8Z	211	202	192	203	196	178	176	177
Infrastructure	MV92	133	125	141	188	178	150	100	77
All Repair and Maintenance	MV93	861	833	873	979	917	828	782	750
All Work	MV94	2 442	2 341	2 550	2 758	2 658	2 437	2 459	2 383
EAST MIDLANDS									
New Housing									
Public	MV95	44	42	46	48	50	49	56	49
Private	MV96	399	412	499	507	486	427	468	416
Total Housing	N3QR	444	454	545	555	536	475	525	465
Infrastructure	MV97	215	186	182	201	215	261	285	373
Other New Work									
Excluding Infrastructure									
Public	MV98	159	134	137	150	144	128	144	182
Private Industrial	MV99	85	101	111	102	121	155	165	181
Private Commercial	MV9A	278	265	260	247	231	218	228	241
All New Work	MV9B	1 181	1 140	1 234	1 255	1 247	1 238	1 346	1 442
Repair and Maintenance									
Housing	MV9C	355	367	337	361	340	317	345	352
Other New Work									
Public	MV9D	65	60	62	72	68	62	67	85
Private	MV9E	132	134	142	151	169	154	154	174
Infrastructure	MV9F	99	112	112	120	116	94	97	122
All Repair and Maintenance	MV9G	651	673	653	704	693	627	663	733
All Work	MV9H	1 832	1 813	1 887	1 959	1 940	1 865	2 009	2 175
EAST OF ENGLAND									
New Housing									
Public	MV9I	59	70	89	100	103	98	109	88
Private	MV9J	455	411	447	439	424	390	473	481
Total Housing	N3QS	514	481	536	539	526	488	582	569
Infrastructure	MV9K	409	399	413	422	434	497	577	562
Other New Work									
Excluding Infrastructure									
Public	MV9L	279	241	244	251	222	191	209	224
Private Industrial	MV9M	71	68	69	74	74	70	77	92
Private Commercial	MV9N	515	478	477	467	458	499	562	633
All New Work	MV9O	1 787	1 667	1 740	1 753	1 714	1 745	2 007	2 081
Repair and Maintenance									
Housing	MV9P	784	804	791	851	856	816	825	915
Other New Work									
Public	MV9Q	144	134	115	182	147	129	123	152
Private	MV9R	335	330	336	355	351	337	334	343
Infrastructure	MV9S	374	264	258	268	279	292	333	375
All Repair and Maintenance	MV9T	1 637	1 532	1 500	1 656	1 633	1 574	1 615	1 785
All Work	MV9U	3 424	3 199	3 240	3 409	3 347	3 319	3 622	3 866

6 CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED CURRENT PRICES BY REGION

continued

£ million

		2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3
LONDON									
New Housing									
Public	MV9V	503	541	626	616	556	444	422	322
Private	MV9W	1 068	1 165	1 455	1 571	1 608	1 481	1 723	1 595
Total Housing	N3QT	1 571	1 706	2 081	2 186	2 164	1 925	2 145	1 917
Infrastructure	MV9X	786	654	596	540	557	608	561	639
Other New Work									
Excluding Infrastructure									
Public	MV9Y	397	376	421	470	431	364	395	445
Private Industrial	MV9Z	50	53	64	70	60	60	57	96
Private Commercial	MVA2	1 558	1 570	1 796	2 127	2 261	2 111	2 276	2 382
All New Work	MVA3	4 362	4 358	4 959	5 394	5 473	5 069	5 434	5 479
Repair and Maintenance									
Housing	MVA4	1 029	1 128	1 186	1 199	1 185	1 151	1 266	1 283
Other New Work									
Public	MVA5	312	307	331	387	299	291	240	324
Private	MVA6	445	444	481	474	428	399	443	463
Infrastructure	MVA7	354	379	383	354	403	515	426	293
All Repair and Maintenance	MVA8	2 140	2 258	2 381	2 414	2 315	2 356	2 375	2 363
All Work	MVA9	6 502	6 616	7 340	7 808	7 788	7 425	7 809	7 842
SOUTH EAST									
New Housing									
Public	MVB2	156	145	153	143	127	106	112	96
Private	MVB3	768	712	803	806	813	731	861	834
Total Housing	N3QU	924	857	956	948	940	838	973	931
Infrastructure	MVB4	482	436	427	462	487	532	658	710
Other New Work									
Excluding Infrastructure									
Public	MVB5	302	272	296	348	348	316	359	406
Private Industrial	MVB6	98	103	109	112	118	139	161	181
Private Commercial	MVB7	810	803	842	890	846	718	708	735
All New Work	MVB8	2 617	2 471	2 630	2 761	2 741	2 544	2 859	2 963
Repair and Maintenance									
Housing	MVB9	1 179	1 098	1 130	1 266	1 284	1 233	1 275	1 338
Other New Work									
Public	MVCN	241	231	229	279	197	183	175	216
Private	MVC2	332	309	352	413	414	401	420	465
Infrastructure	MVC3	313	290	264	290	299	314	254	224
All Repair and Maintenance	MVC4	2 065	1 928	1 975	2 248	2 194	2 131	2 124	2 243
All Work	MVC5	4 682	4 399	4 605	5 009	4 935	4 675	4 983	5 206
SOUTH WEST									
New Housing									
Public	MVC6	53	44	44	40	39	40	53	53
Private	MVC7	585	565	633	653	647	567	643	595
Total Housing	N3QV	638	608	677	693	687	608	696	648
Infrastructure	MVC8	243	225	237	256	276	335	357	346
Other New Work									
Excluding Infrastructure									
Public	MVC9	230	207	218	234	210	171	173	173
Private Industrial	MVD2	69	79	83	72	58	58	60	67
Private Commercial	MVD3	467	446	444	429	395	344	375	408
All New Work	MVD4	1 647	1 565	1 658	1 684	1 626	1 516	1 662	1 642
Repair and Maintenance									
Housing	MVD5	703	601	587	632	575	530	572	617
Other New Work									
Public	MVD6	87	79	79	102	93	90	82	111
Private	MVD7	162	146	150	140	133	143	157	169
Infrastructure	MVD8	101	203	197	195	183	224	169	153
All Repair and Maintenance	MVD9	1 053	1 029	1 013	1 069	984	987	980	1 050
All Work	MVDD	2 700	2 594	2 671	2 753	2 610	2 503	2 642	2 692
WALES									
New Housing									
Public	MVE2	29	28	31	34	35	32	36	31
Private	MVE3	194	172	180	167	166	146	168	164
Total Housing	N3QW	224	200	211	201	201	178	204	195
Infrastructure	MVE4	159	146	150	156	156	282	359	357
Other New Work									
Excluding Infrastructure									
Public	MVE5	152	136	169	208	201	170	171	167
Private Industrial	MVE6	16	23	30	32	31	32	39	48
Private Commercial	MVE7	252	235	215	202	166	128	128	129
All New Work	MVE8	803	740	776	799	755	791	900	896
Repair and Maintenance									
Housing	MVE9	217	254	274	295	276	224	220	240
Other New Work									
Public	MVF2	33	29	26	32	23	26	29	40
Private	MVF3	69	69	77	60	43	38	49	60
Infrastructure	MVF4	71	73	80	101	83	68	74	101
All Repair and Maintenance	MVF5	390	425	457	488	425	356	372	441
All Work	MVF6	1 193	1 165	1 233	1 287	1 180	1 147	1 272	1 337

6 CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED CURRENT PRICES BY REGION

continued

£ million

		2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3
WEST MIDLANDS									
New Housing									
Public	MVF7	96	97	113	119	112	100	104	80
Private	MVF8	350	334	387	401	415	391	484	474
Total Housing	N3QX	446	431	500	520	527	492	588	553
Infrastructure	MVF9	184	162	168	175	180	195	199	202
Other New Work									
Excluding Infrastructure									
Public	MVFB	207	191	203	217	189	156	163	170
Private Industrial	MVG2	152	132	140	141	119	124	126	144
Private Commercial	MVG3	423	412	429	452	551	551	570	603
All New Work	MVG4	1 412	1 329	1 440	1 505	1 565	1 518	1 645	1 672
Repair and Maintenance									
Housing	MVG5	504	497	489	506	504	449	425	454
Other New Work									
Public	MVG6	98	86	91	137	110	96	98	129
Private	MVG7	279	298	332	378	379	380	411	397
Infrastructure	MVG8	196	168	148	152	139	141	134	117
All Repair and Maintenance	MVG9	1 077	1 049	1 060	1 173	1 132	1 066	1 068	1 097
All Work	MVGO	2 489	2 378	2 500	2 678	2 697	2 584	2 713	2 769
NORTH WEST									
New Housing									
Public	MVH2	102	101	112	115	116	108	123	110
Private	MVH3	414	440	566	647	696	666	801	769
Total Housing	N3QY	516	542	678	761	812	774	925	879
Infrastructure	MVH4	452	418	434	455	450	485	474	484
Other New Work									
Excluding Infrastructure									
Public	MVH5	314	270	297	342	329	295	330	364
Private Industrial	MVH6	124	130	134	128	127	192	225	228
Private Commercial	MVH7	584	540	520	548	535	532	577	604
All New Work	MVH8	1 990	1 900	2 062	2 235	2 253	2 277	2 531	2 558
Repair and Maintenance									
Housing	MVH9	581	536	517	512	554	538	585	578
Other New Work									
Public	MVI2	138	178	198	227	168	136	81	104
Private	MVI3	322	294	324	333	330	291	267	300
Infrastructure	MVI4	252	289	302	327	321	281	243	287
All Repair and Maintenance	MVI5	1 293	1 297	1 341	1 399	1 373	1 246	1 176	1 269
All Work	MVI6	3 283	3 197	3 403	3 634	3 626	3 523	3 707	3 827
SCOTLAND									
New Housing									
Public	MVI7	99	96	112	126	135	139	168	162
Private	MVI8	325	310	365	385	396	365	433	407
Total Housing	N3QZ	424	406	476	511	532	505	601	570
Infrastructure	MVI9	521	511	569	658	794	1 000	1 081	1 035
Other New Work									
Excluding Infrastructure									
Public	MVIJ	268	252	295	355	359	322	372	429
Private Industrial	MVJ2	92	106	143	162	134	105	80	71
Private Commercial	MVJ3	576	531	539	545	567	540	605	652
All New Work	MVJ4	1 881	1 806	2 021	2 232	2 386	2 472	2 739	2 757
Repair and Maintenance									
Housing	MVJ5	343	367	388	394	378	378	446	466
Other New Work									
Public	MVJ6	96	87	82	107	78	73	71	89
Private	MVJ7	176	177	211	223	201	194	210	245
Infrastructure	MVJ8	187	194	192	209	208	218	207	254
All Repair and Maintenance	MVJ9	802	825	873	933	865	863	934	1 054
All Work	MVK2	2 683	2 631	2 894	3 165	3 251	3 335	3 673	3 811

9A.A CONSTRUCTION OUTPUT: IMPLIED PRICE DEFLATOR NON-SEASONALLY ADJUSTED INDEX NUMBER

BY SECTOR

Index 2012 = 100

	New Housing				Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing						
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing	Non housing R&M			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6	
1997	56.3	49.8	50.4	67.5	60.9	62.1	59.6	59.0	60.8	41.1	47.4	59.7	52.6	56.3	
1998	59.6	53.2	53.8	67.3	63.1	66.0	64.2	62.1	63.6	42.6	49.0	62.1	54.5	58.9	
1999	63.9	58.4	58.9	68.1	65.3	65.4	68.6	65.6	65.3	43.5	50.0	63.5	55.7	61.5	
2000	66.6	61.4	61.9	75.8	68.3	68.9	71.7	69.3	68.3	45.4	52.0	66.3	58.3	64.8	
2001	71.0	66.9	67.3	78.7	74.4	67.4	77.6	73.9	73.1	46.2	53.4	68.7	60.5	68.2	
2002	75.5	73.0	73.3	79.3	76.4	78.0	83.5	79.0	74.3	49.3	55.4	71.6	62.9	72.2	
2003	80.1	76.6	76.9	78.1	80.2	81.2	89.3	82.1	76.3	54.8	60.6	79.0	69.2	76.8	
2004	86.2	79.4	80.1	78.7	84.5	86.0	89.9	84.3	76.9	60.4	65.3	83.1	73.4	80.1	
2005	93.1	84.1	84.9	81.9	90.9	94.2	96.8	90.0	80.0	67.9	71.7	87.4	79.2	85.8	
2006	99.7	87.7	89.0	87.9	94.7	97.3	101.6	94.7	85.4	73.8	77.5	89.2	83.3	90.4	
2007	105.1	90.4	92.2	93.7	99.5	101.5	105.0	98.8	90.8	80.9	84.0	93.3	88.7	95.0	
2008	110.1	95.5	97.5	94.7	106.9	108.7	106.0	102.5	95.4	87.1	89.7	96.1	93.0	98.8	
2009	108.9	96.3	98.7	91.5	105.2	101.9	102.7	100.2	97.5	90.1	92.6	97.9	95.3	98.2	
2010	103.5	96.4	98.1	91.0	96.6	92.5	96.9	95.8	96.7	91.3	93.1	98.0	95.4	95.6	
2011	101.8	97.6	98.6	95.0	96.7	96.8	96.7	96.9	96.6	95.2	95.7	99.0	97.3	97.0	
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2013	100.5	102.4	102.1	103.9	104.1	102.9	104.3	103.5	102.9	104.4	104.0	101.7	102.8	103.2	
2014	103.0	106.6	105.8	108.4	107.2	105.6	108.7	107.3	104.4	107.1	106.3	102.7	104.5	106.2	
2015	105.5	109.1	108.5	110.7	109.8	107.6	111.4	109.9	105.3	108.0	107.2	104.0	105.6	108.4	

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9A.Q CONSTRUCTION OUTPUT: IMPLIED PRICE DEFLATOR

NON-SEASONALLY ADJUSTED INDEX NUMBERS

BY SECTOR

Index 2012 = 100

	New Housing				Other New Work			Repair and Maintenance						
					Excluding Infrastructure			Housing				Non housing R&M	All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6
2001 Q1	69.6	64.6	65.1	78.0	72.0	66.7	75.1	72.0	70.0	46.5	53.0	67.9	59.7	66.7
Q2	70.7	66.6	67.0	77.0	74.0	65.9	77.3	73.2	74.6	45.0	52.8	68.1	59.7	67.5
Q3	71.2	67.3	67.7	78.7	75.6	65.9	78.6	74.3	72.0	47.6	54.0	69.6	61.3	68.8
Q4	72.6	69.0	69.4	81.0	75.9	70.9	79.5	76.1	76.0	45.8	53.9	69.3	61.2	69.8
2002 Q1	74.4	69.5	70.1	81.6	75.9	76.8	80.8	77.5	71.1	47.7	54.0	69.3	61.3	70.5
Q2	76.3	74.2	74.4	82.3	75.9	79.5	83.0	79.8	73.2	48.4	54.4	70.8	62.0	72.2
Q3	74.9	73.6	73.7	76.2	76.2	77.1	84.2	78.7	75.7	49.4	55.5	72.8	63.5	72.3
Q4	76.5	74.6	74.8	77.0	77.6	78.4	86.2	80.1	77.0	51.6	57.5	73.4	64.8	73.6
2003 Q1	77.6	74.8	75.1	77.2	78.3	79.2	87.3	80.5	76.5	52.9	59.3	76.5	67.6	75.2
Q2	79.5	76.5	76.8	78.2	79.8	80.9	88.9	81.9	77.0	53.6	59.7	78.1	68.1	76.1
Q3	80.9	77.3	77.6	78.5	80.9	82.3	90.0	82.8	75.8	55.0	60.8	80.8	70.1	77.4
Q4	82.2	77.7	78.1	78.5	81.7	82.3	90.8	83.3	75.7	57.8	62.7	80.6	71.0	78.4
2004 Q1	83.9	78.2	78.8	78.6	82.7	82.4	89.8	83.3	75.8	58.0	63.4	81.6	71.7	78.6
Q2	85.3	78.8	79.5	78.5	83.6	83.8	89.0	83.5	76.2	58.8	64.0	82.4	72.3	79.3
Q3	87.0	79.9	80.6	78.8	85.2	87.3	89.8	84.6	77.5	60.7	65.5	84.3	74.0	80.5
Q4	88.4	80.7	81.4	79.1	86.7	90.7	91.0	85.8	77.9	63.9	68.0	84.2	75.5	81.8
2005 Q1	90.2	81.9	82.7	79.9	88.4	92.4	93.1	87.3	79.0	65.2	69.8	85.4	77.2	83.3
Q2	92.1	83.5	84.3	81.1	90.1	94.1	96.0	89.3	80.0	67.6	71.6	87.9	79.3	85.4
Q3	94.2	85.1	85.9	82.6	91.8	95.0	98.0	90.9	80.4	68.4	72.1	88.0	79.8	86.6
Q4	96.0	86.0	86.9	84.1	93.2	95.2	100.1	92.4	80.5	70.5	73.4	88.3	80.6	87.9
2006 Q1	97.8	87.6	88.7	85.6	93.9	95.6	101.0	93.8	83.5	71.4	75.3	88.9	81.8	89.2
Q2	99.2	87.6	88.8	87.2	94.4	96.9	101.7	94.5	86.1	73.0	77.0	89.1	82.9	90.1
Q3	100.3	87.6	88.9	88.7	94.9	98.1	101.8	94.9	86.4	74.4	78.4	89.4	83.8	90.8
Q4	101.3	88.1	89.4	90.1	95.6	98.7	102.0	95.6	85.6	76.5	79.4	89.6	84.5	91.4
2007 Q1	102.9	89.3	90.9	91.9	96.6	99.2	102.8	96.7	87.0	78.2	81.1	89.7	85.4	92.5
Q2	104.4	90.0	91.8	93.4	98.3	100.4	103.8	97.9	91.1	79.2	82.8	93.6	88.2	94.3
Q3	105.7	90.7	92.5	94.4	100.3	102.0	106.6	99.7	92.4	81.2	84.7	94.8	89.9	96.1
Q4	107.3	91.7	93.5	95.3	102.8	104.2	107.0	100.8	92.6	84.9	87.2	95.0	91.1	97.2
2008 Q1	108.6	93.4	95.3	95.3	104.8	106.5	106.5	101.6	92.4	85.2	87.5	95.2	91.5	97.9
Q2	109.9	94.9	96.9	95.1	106.7	108.6	106.5	102.4	95.5	86.8	89.6	96.1	92.9	98.7
Q3	110.5	96.2	98.3	94.3	107.6	109.5	105.7	102.6	96.3	88.1	90.8	96.4	93.7	99.2
Q4	111.3	97.4	99.4	94.1	108.5	110.1	105.4	103.1	97.2	88.4	91.0	96.8	93.9	99.3
2009 Q1	110.6	97.4	99.5	92.7	108.1	107.9	104.4	102.2	99.8	90.7	93.7	96.7	95.2	99.4
Q2	109.6	96.0	98.4	91.5	106.6	104.0	103.1	100.6	96.8	89.9	92.2	97.0	94.6	98.2
Q3	108.6	96.0	98.5	91.1	104.5	99.9	103.0	99.9	96.2	90.2	92.2	99.0	95.7	98.1
Q4	106.9	95.9	98.3	90.6	101.8	95.6	100.6	98.0	97.3	89.8	92.4	99.0	95.7	97.1
2010 Q1	105.2	96.1	98.3	90.3	98.8	92.9	98.5	96.5	96.9	90.9	93.2	98.8	95.8	96.3
Q2	103.8	96.6	98.2	90.6	96.8	91.7	97.0	95.7	96.5	91.2	93.0	97.5	95.1	95.5
Q3	102.8	96.4	97.9	91.1	95.6	92.2	96.1	95.4	96.6	91.2	93.0	97.7	95.2	95.3
Q4	102.2	96.4	97.7	92.0	95.2	93.3	95.9	95.5	96.8	91.7	93.3	98.2	95.5	95.5
2011 Q1	102.1	96.6	98.0	93.2	95.5	93.9	96.2	95.8	95.7	93.6	94.3	98.6	96.4	96.0
Q2	101.9	97.1	98.2	94.3	96.2	95.4	96.7	96.5	96.0	94.7	95.1	98.7	96.8	96.6
Q3	101.7	97.9	98.7	95.4	97.1	97.9	96.7	97.1	96.4	95.8	96.0	99.3	97.6	97.3
Q4	101.4	98.9	99.4	97.0	98.0	99.8	97.2	98.0	98.1	96.8	97.2	99.4	98.2	98.1
2012 Q1	100.9	99.6	99.9	98.5	98.8	100.5	98.7	99.1	99.2	98.9	99.0	100.4	99.7	99.3
Q2	100.3	99.7	99.8	99.7	99.6	100.1	99.7	99.7	100.0	99.0	99.3	100.3	99.8	99.8
Q3	99.6	100.2	100.1	100.5	100.4	99.6	100.8	100.4	100.1	100.7	100.5	99.5	100.0	100.2
Q4	99.3	100.5	100.3	101.4	101.2	99.9	100.8	100.8	100.8	101.5	101.2	99.8	100.5	100.7
2013 Q1	99.5	100.9	100.6	102.3	102.4	101.1	102.2	101.7	101.5	103.3	102.6	100.0	101.3	101.6
Q2	100.2	101.5	101.3	103.3	103.6	102.5	103.6	102.8	103.6	103.8	103.8	102.0	102.9	102.8
Q3	100.9	102.7	102.4	104.5	104.8	103.6	104.6	103.9	103.2	104.8	104.3	102.2	103.2	103.6
Q4	101.6	104.6	104.0	105.7	105.8	104.5	106.8	105.5	103.4	105.9	105.1	102.3	103.8	104.8
2014 Q1	103.2	106.7	106.0	107.9	107.0	105.4	108.5	107.2	104.1	106.8	105.9	102.6	104.3	106.1
Q2	102.4	106.0	105.2	107.7	106.7	104.8	108.2	106.7	104.3	107.0	106.2	102.5	104.4	105.8
Q3	103.1	106.6	105.9	108.8	107.4	105.7	108.9	107.5	104.6	107.3	106.5	102.7	104.6	106.4
Q4	103.3	106.9	106.2	109.1	107.6	106.5	109.1	107.8	104.6	107.2	106.4	102.8	104.6	106.6
2015 Q1	104.6	108.2	107.5	109.7	108.5	107.0	110.0	108.8	104.9	107.6	106.7	103.6	105.2	107.4
Q2	104.9	108.5	107.9	109.5	108.7	106.3	110.2	108.9	105.3	108.0	107.2	104.1	105.7	107.8
Q3	106.1	109.8	109.2	111.6	110.8	108.4	112.4	110.8	105.5	108.2	107.4	104.1	105.8	109.0
Q4	106.4	110.1	109.5	112.0	111.2	108.5	112.8	111.1	105.6	108.3	107.5	104.2	105.9	109.3

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