

Statistical bulletin

Construction output in Great Britain: Mar 2016 and Jan to Mar 2016

Construction output at current price and chained volume measures seasonally adjusted by public and private sector.

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Next release:
10 June 2016

Table of contents

1. [Main points](#)
2. [Things you need to know about this release](#)
3. [Quarter 1 \(Jan to Mar\) 2016](#)
4. [Focus on new housing](#)
5. [March 2016](#)
6. [Summary of growth rates for all work types](#)
7. [Contributions to growth](#)
8. [The quality of the estimate of output in the construction industry](#)
9. [Construction estimates in gross domestic product](#)
10. [Economic context](#)
11. [International perspective](#)
12. [Background notes](#)

1. Main points

In Quarter 1 (Jan to Mar) 2016, output in the construction industry was estimated to have decreased by 1.1% compared with Quarter 4 (Oct to Dec) 2015.

Downward pressure on the quarter came from all new work which decreased by 0.6% and repair and maintenance (R&M) which decreased by 1.9%.

Between Quarter 1 (Jan to Mar) 2016 and Quarter 1 (Jan to Mar) 2015, output was estimated to have decreased by 1.9%.

In March 2016, output in the construction industry was estimated to have decreased by 3.6% compared with February 2016. All new work and repair and maintenance both reported falls of 3.6%.

The preliminary estimate of gross domestic product (GDP) for Quarter 1 (Jan to Mar) 2016 published on 27 April 2016 contained a forecast for construction output of a fall of 0.9%. This estimate has been revised downwards by 0.2 percentage points within this release based upon updated survey responses; output is now estimated to have decreased by 1.1%. This downward revision to construction output has no impact to 1 decimal place on GDP growth.

2. Things you need to know about this release

The release for March 2016 has a revision period back to January 2016. Revisions in this release were caused by the incorporation of late data. More information on revisions can be found in the background notes.

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. In the April 2016 publication, we may see larger than average revisions to March 2016 as this is the first time since the monthly series began in 2010 that Easter has fallen wholly in a March. When we have more data available in the future we will be able to review the impact of Easter over a longer time span.

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, March 2016 [datasets](#). In these tables, you 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 Output and New Orders as National Statistics due to concerns about the quality of the [Construction Price and Cost Indices](#) used to remove the effects of inflation from the 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, introducing an [interim solution](#) for measuring output prices in June 2015 for all periods from January 2014 onwards. We are currently developing a long-term solution for the deflation of construction statistics.

3. Quarter 1 (Jan to Mar) 2016

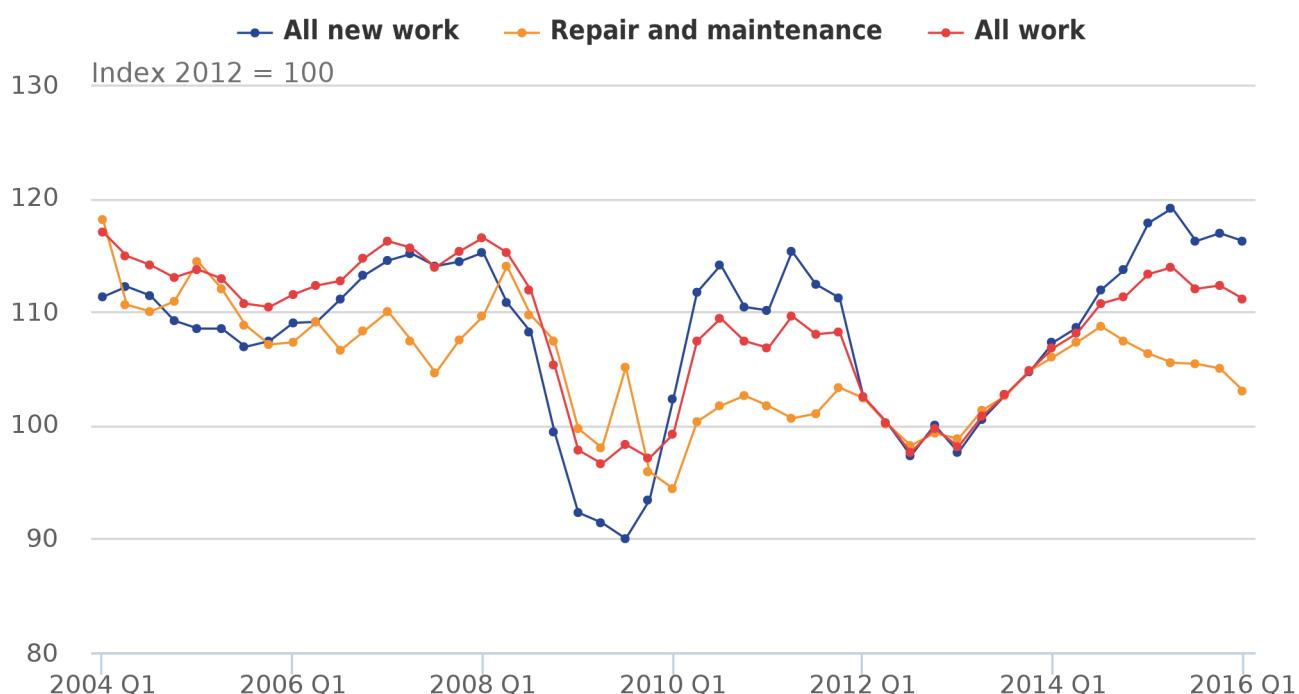
All work

In Quarter 1 (Jan to Mar) 2016 all work:

- decreased by 1.1% compared with Quarter 4 (Oct to Dec) 2015
- decreased by 1.9% compared with Quarter 1 (Jan to Mar) 2015

Figure 1: All work – quarterly time series chained volume measure, seasonally adjusted, index (2012 = 100)

Great Britain, Quarter 1 (Jan to Mar) 2016



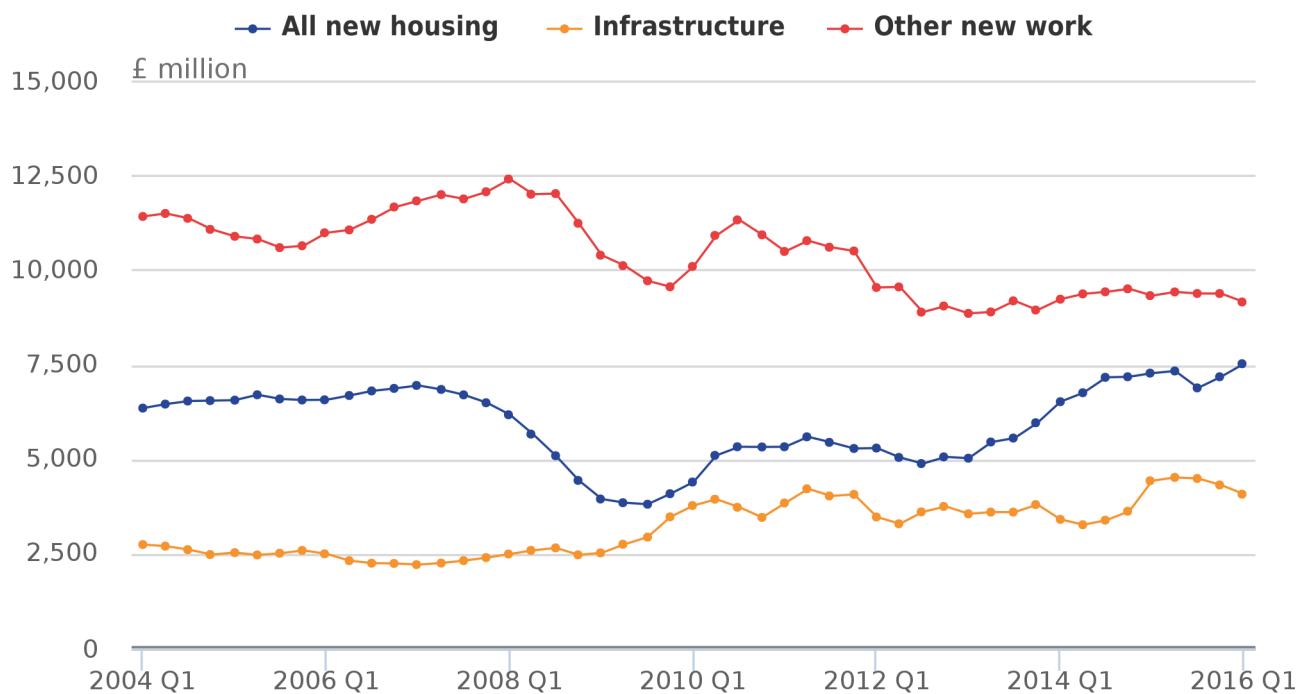
Source: Construction: Output & Employment – Office for National Statistics

Figure 1 shows the 2 main components of all work. The chart shows that there is volatility in both all new work and repair and maintenance throughout the time series. From early 2013, the 2 measures increased steadily, however, in late 2014 all new work continued to increase while repair and maintenance declined.

In Quarter 1 (Jan to Mar) 2016, all work decreased by 1.1% compared with Quarter 4 (Oct to Dec) 2015, with all new work decreasing by 0.6% and repair and maintenance decreasing by 1.9%. Compared with the same period a year ago, all new work decreased by 1.9%, this is the first year-on-year decrease since Quarter 1 (Jan to Mar) 2013. Once again there were decreases in both components, all new work falling by 1.3% and repair and maintenance by 3.0%.

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

Great Britain, Quarter 1 (Jan to Mar) 2016



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

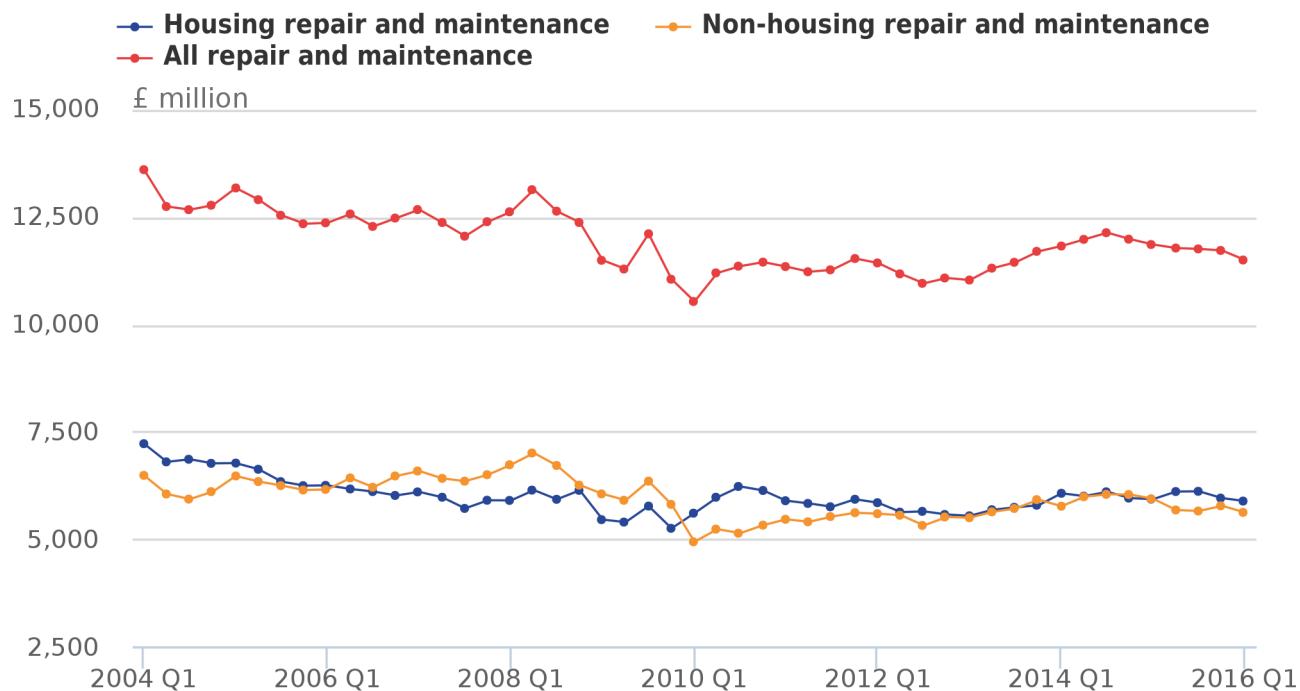
Figure 2 looks at the main components of all new work. All new housing has shown underlying growth since Quarter 2 (Apr to June) 2013, with the exception of Quarter 3 (July to Sept) 2015.

In Quarter 1 (Jan to Mar) 2016, total housing increased by 4.8% compared with the previous quarter. Infrastructure reported a fall for the third consecutive quarter, decreasing by 5.6% in Quarter 1 (Jan to Mar) 2016 compared with Quarter 4 (Oct to Dec) 2015.

On the year there was a fall of 8.0% in infrastructure. Other new work remained fairly flat in the latter part of the time series, however, there was a fall in Quarter 1 (Jan to Mar) 2016 of 2.4% compared with Quarter 4 (Oct to Dec) 2015 and it is now at its lowest level since Quarter 4 (Oct to Dec) 2013. Compared with the same period a year ago, other new work decreased by 1.8%.

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

Great Britain, Quarter 1 (Jan to Mar) 2016



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

Figure 3 looks at the main components of repair and maintenance. In Quarter 1 (Jan to Mar) 2016, all repair and maintenance decreased for the sixth consecutive quarter, falling by 1.9%. There were decreases in both housing and non-housing repair and maintenance of 1.2% and 2.7% respectively. On the year, repair and maintenance fell by 3.0%. Non-housing repair and maintenance was the main contributor, falling by 5.3%, while housing repair and maintenance fell by 0.8%.

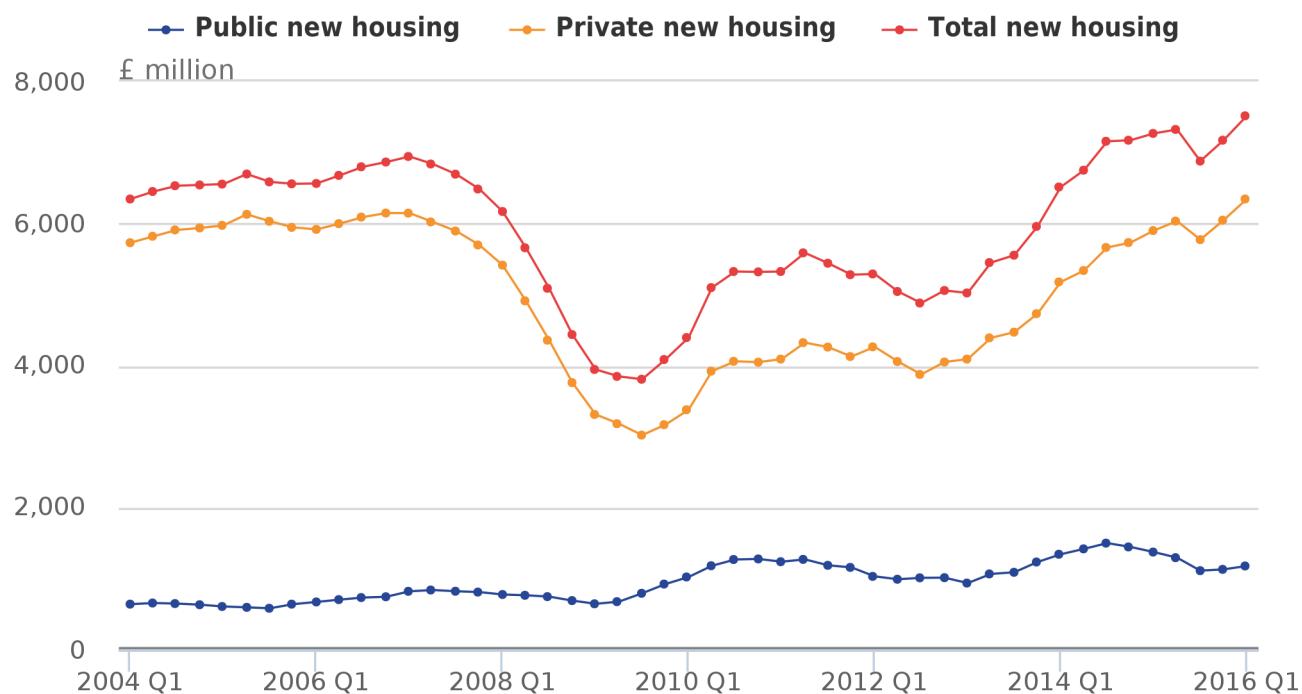
4. Focus on new housing

In Quarter 1 (Jan to Mar) 2016, there was an increase of 4.8% in total new housing output compared with Quarter 4 (Oct to Dec) 2015. Both public and private new housing reported increases of 4.2% and 4.9% respectively.

When compared with the same period a year ago, there was an increase of 3.4% in total housing, with private housing increasing by 7.5% offset slightly by a fall in public new housing of 14.3%.

Figure 4: Components of all new housing, quarterly time series, chained volume measure, seasonally adjusted, £ million

Great Britain, Quarter 1 (Jan to Mar) 2016



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

Figure 4 shows the 2 components of total new housing. The level of private new housing is the main contributor to the level of total new housing, with public new housing having a much smaller contribution.

The level of private new housing has been increasing gradually since early 2013 and in Quarter 1 (Jan to Mar) 2016 was at its highest since records began in 1997 at £6.3 billion, while the level of total new housing is also at its highest at £7.5 billion.

Table 1: Component comparison to previous levels, chained volume measure, seasonally adjusted: Quarter 1 2016, Great Britain

	Current volume	Lowest volume	Date	Highest volume	Date
New housing					
Public	1,173	296	1999 Q2	1,495	2014 Q3
Private	6,344	3,017	2009 Q3	6,344	2016 Q1
Total	7,516	3,499	1999 Q4	7,516	2016 Q1
Other new work					
Infrastructure	4,070	2,209	2007 Q1	4,513	2015 Q2
Excluding infrastructure					

Public	2,265	1,233	1997 Q2	3,842	2010 Q2
Private industrial	919	822	2013 Q4	2,002	1999 Q2
Private commercial	5,964	5,309	2012 Q3	8,741	2008 Q1
All new work	20,733	15,288	1997 Q1	21,250	2015 Q2

Notes

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

5. March 2016

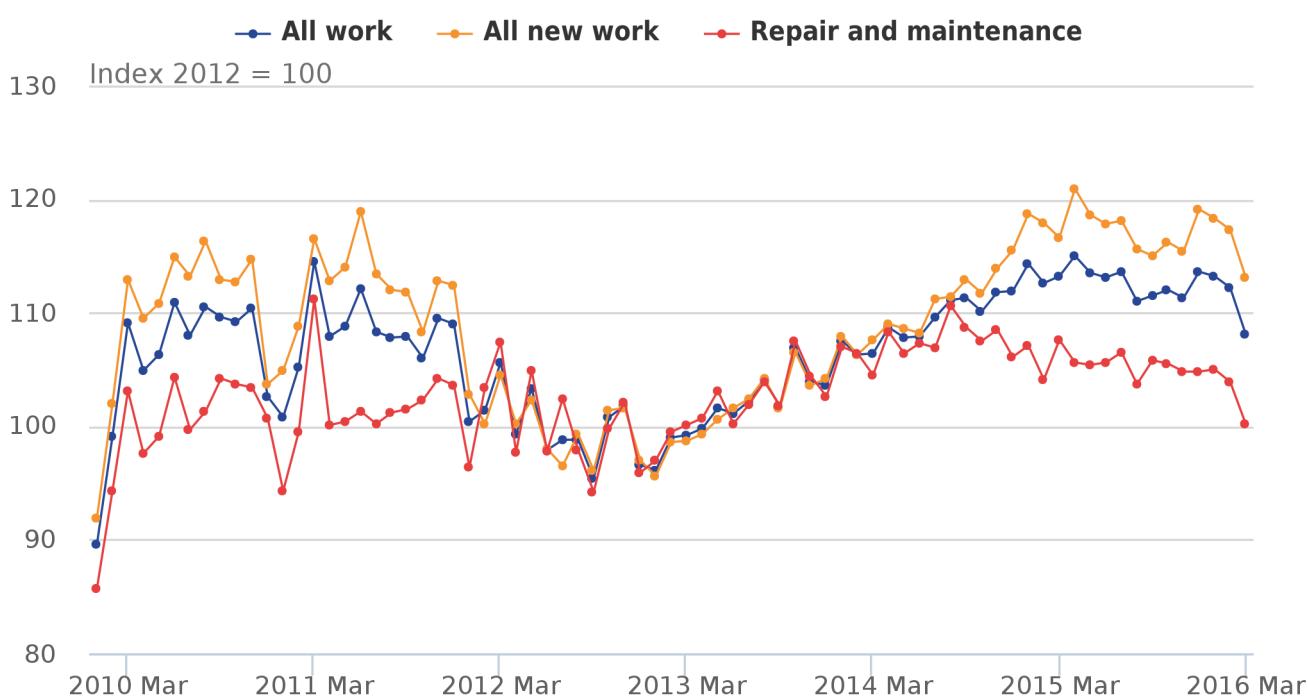
All work

In March 2016 all work:

- decreased by 3.6% compared with February 2016
- decreased by 4.5% compared with March 2015; this was the largest year-on-year decrease since March 2013 when it fell by 6.1%

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

Great Britain, March 2016



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

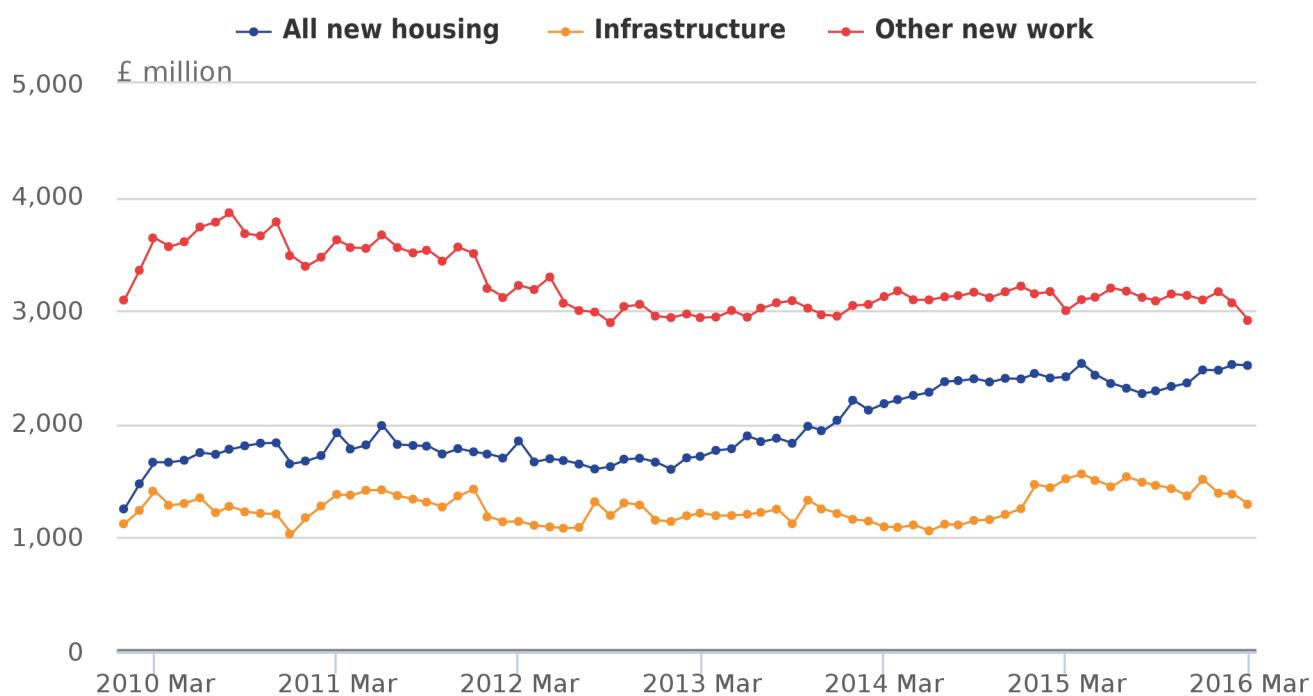
Figure 5 shows the 2 main components of all work. The chart shows that since the series began in January 2010 the monthly path has been volatile. The early period shows that after a rise in output in early 2010, the level remained fairly consistent until late 2011 when output started to fall.

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.

All work has fallen month-on-month for the third consecutive month, with a fall of 3.6% in March 2016. There were also month-on-month falls in both components, with all new work and repair and maintenance both decreasing by 3.6%. Compared with the same period last year there was a fall of 4.5% in all work, once again both components reported decreases, all new work falling by 3.1% and repair and maintenance by 6.9%.

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

Great Britain, March 2016



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

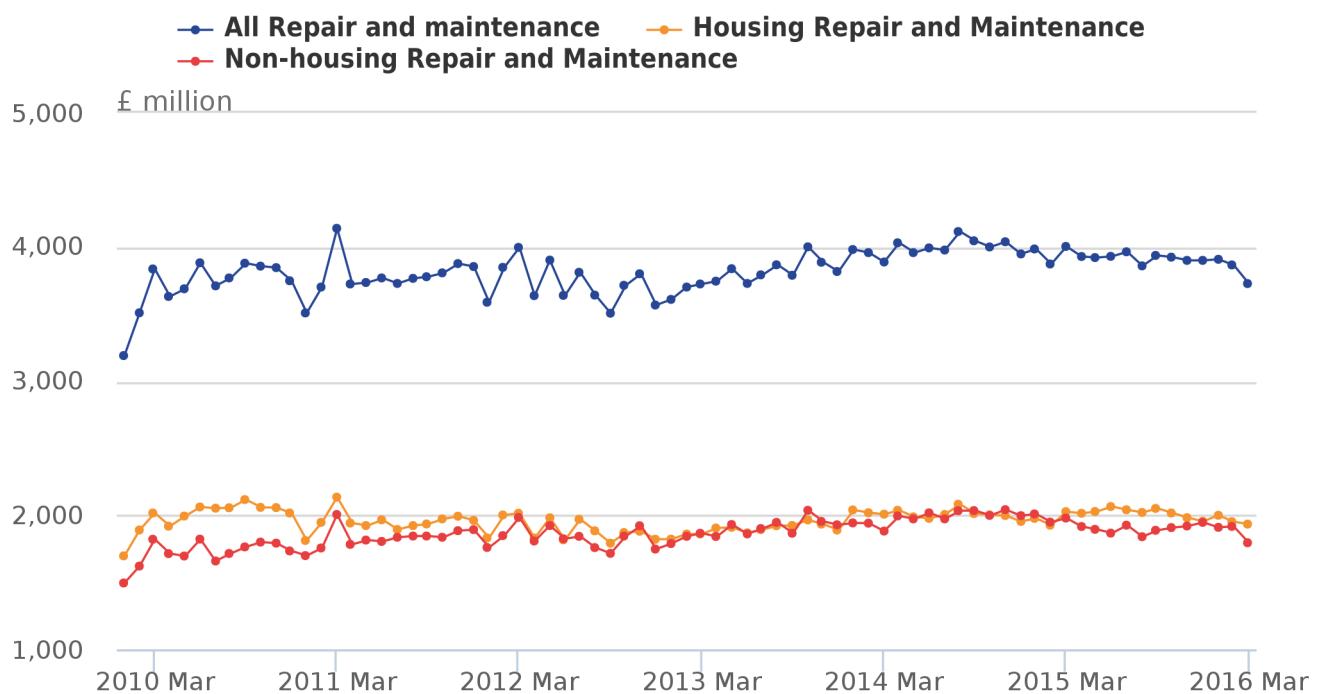
Figure 6 looks at all new work. There was sustained growth in new housing from early 2013 to late 2014 and after a fall in early 2015 there was a return to growth in recent months. There was a slight fall of 0.3% in March 2016 compared with February 2016, however, year-on-year growth remained strong with an increase of 4.1%.

Infrastructure continues to be volatile and reported a decrease of 6.5% in March 2016 compared with February 2016 and fell by 14.8% when compared with the same period a year ago.

Other new work has been fairly steady in recent periods, however, there was a fall of 5.1% in March 2016 compared with February 2016, while there was a fall of 2.9% compared with March 2015.

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

Great Britain, March 2016



Source: Construction: Output & 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, with a similar contribution from both components to total repair and maintenance.

In March 2016 compared with February 2016, repair and maintenance decreased by 3.6%. Non-housing repair and maintenance was the main contributor to the fall, decreasing by 6.3%, this was the largest month-on-month fall since December 2012 when it fell by 9.0%. Housing repair and maintenance fell month-on-month by 0.9%.

When compared with the same period last year, repair and maintenance decreased by 6.9%, the largest decrease since December 2012 when it fell by 7.4%. There were falls in both housing and non-housing components of 4.6% and 9.3% respectively.

6. Summary of growth rates for all work types

Table 2 provides a summary of growth rates across the different types of construction work in March 2016. Some main points from this table are as follows:

- there were month-on-month decreases in all work types except public new housing and private industrial work
- there were year-on-year decreases in all work types except private new housing and private industrial work
- all work types within repair and maintenance reported month-on-month and year-on-year decreases

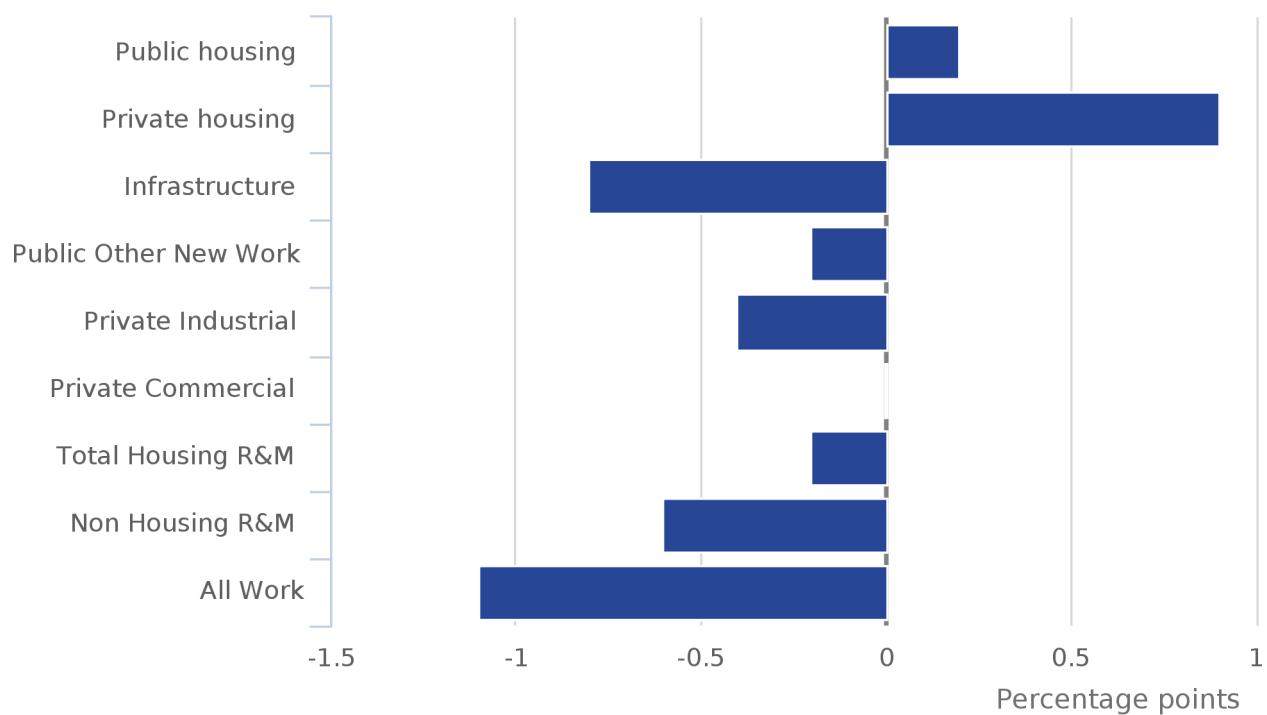
Table 2: Construction output summary tables, chained volume measure, seasonally adjusted, percentage change: March 2016, Great Britain

	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	-1.9	-1.1	-4.5	-3.6
Total all new work	-1.3	-0.6	-3.1	-3.6
Total repair and maintenance	-3.0	-1.9	-6.9	-3.6
New housing				
Public	-14.3	4.3	-14.7	0.5
Private	7.5	4.9	8.4	-0.5
Other new work				
Infrastructure	-8.1	-5.6	-14.8	-6.5
Excl infrastructure				
Public	-2.6	-3.0	-7.8	-7.4
Private industrial	-13.9	-14.6	-16.6	3.9
Private commercial	0.7	0.0	1.5	-5.4
Repair and maintenance				
Public housing	-4.9	0.4	-7.0	-0.8
Private housing	1.2	-1.8	-3.5	-1.0
Non-housing R&M	-5.3	-2.7	-9.3	-6.3

7. Contributions to growth

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

Great Britain, Quarter 1 (Jan to Mar) 2016 compared with Quarter 4 (Oct to Dec) 2015

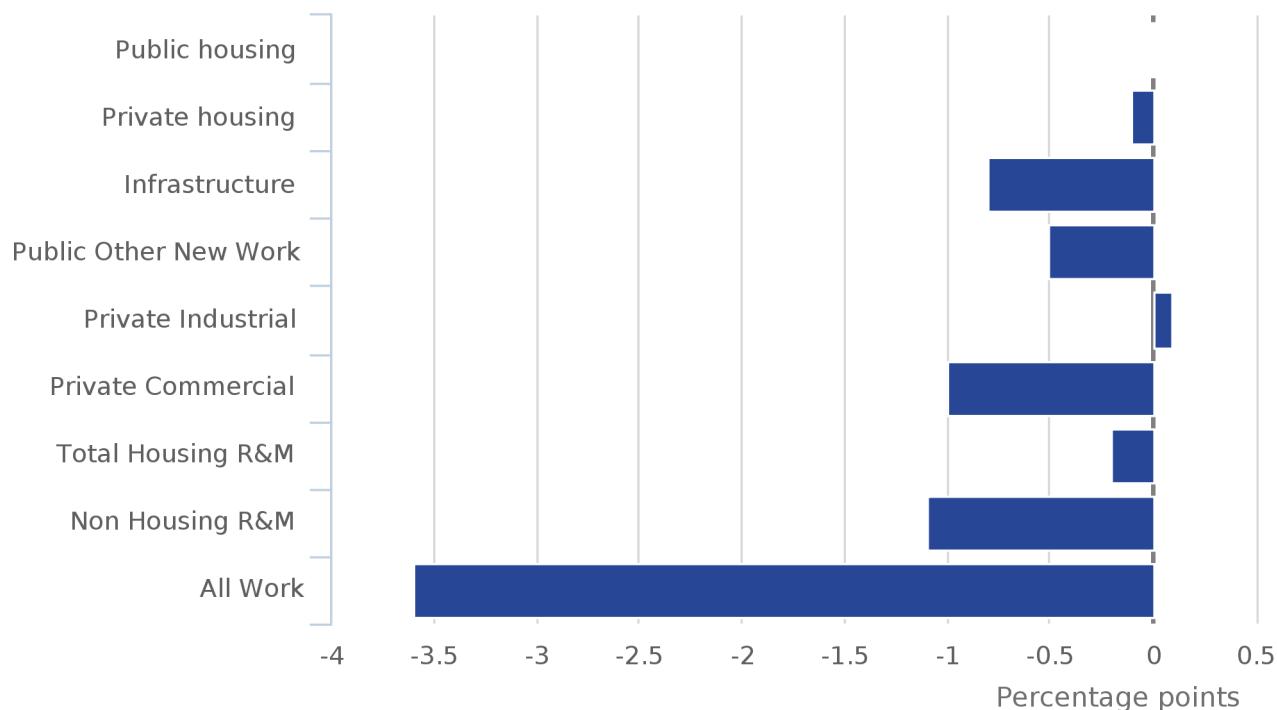


Source: Construction: Output & Employment – Office for National Statistics

Figure 8 shows the contribution of each sector to output growth in the construction industry between Quarter 4 (Oct to Dec) 2015 and Quarter 1 (Jan to Mar) 2016. In Quarter 1 (Jan to Mar) 2016, all work types except public and private housing saw decreases in output. The largest downwards contribution came from infrastructure.

Figure 9: Contributions to month-on-month volume growth from the main construction sectors

Great Britain, March 2016 compared with February 2016



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

Figure 9 shows the contribution of each sector to output growth in the construction industry between March 2016 and February 2016. In March 2016, all work types except private industrial saw decreases in output. The largest downwards contribution came from non-housing repair and maintenance.

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 March 2016 was 71.4% of questionnaires, accounting for 78.7% 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 75 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 [Output in the construction industry dataset](#). 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.

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:

$$\text{IoP} = 0.148 * 0.4 = 0.0592 \text{ or } 0.1 \text{ to } 1 \text{ dp}$$

$$\text{Construction} = 0.059 * 0.9 = 0.0531 \text{ or } 0.1 \text{ to } 1 \text{ dp}$$

$$\text{IoS} = 0.786 * 0.1 = 0.0786 \text{ or } 0.1 \text{ to } 1 \text{ dp}$$

Table 3 shows the latest monthly and revised quarterly output figures that fed into the GDP Preliminary Estimate release for Quarter 1 (Jan to Mar) 2016 published on 27 April 2016.

Table 3: GDP component tables, chained volume measure, seasonally adjusted: March 2016, Great Britain

Publication	Weight in GDP (%)	Publication date	Latest periods	Percentage change (%)	
				Most recent period on a year earlier	Most recent period on the previous period
GDP	100.0	27 Apr	Q1 2016	2.1	0.4
			Q4 2015	2.1	0.6
Index of Production	14.9	11 May	Q1 2016	0.1	-0.4
			Q4 2015	0.8	-0.4
Construction output	5.9	13 May	Q1 2016	-1.9	-1.1
			Q4 2015	1.0	0.3
Index of Services	78.6	27 Apr	Q1 2016	2.7	0.6
			Q4 2015	2.5	0.8
Agriculture	0.7	27 Apr	Q1 2016	1.1	-0.1
			Q4 2015	-2.1	0.3

Source: Office for National Statistics

Notes

1. Q4 is October to December and Q1 is January to March

The Quarterly National Accounts published on 27 April 2016 contained an estimate for quarterly construction of a decrease of 0.9%. This estimate has been revised within this release based upon updated survey responses and is now estimated to have decreased by 1.1%.

10. Economic context

Construction output fell by 3.6% between February 2016 and March 2016, the fastest monthly fall since December 2012. The main contributions to the decline came from a contraction in non-housing repair and maintenance (making a contribution of -1.1 percentage points on the month), while private commercial work (-1.0 percentage points) and infrastructure (-0.8 percentage points) also fell. This follows contractions in total output of -0.9% and -0.4% in February 2016 and January 2016 respectively.

These successive monthly contractions mean that on the quarter, construction output fell by 1.1% in Quarter 1 (Jan to Mar) 2016, following growth of 0.3% in Quarter 4 (Oct to Dec) 2015. This fall in construction in the latest quarter put downward pressure on GDP growth, which slowed to 0.4% in Quarter 1 (Jan to Mar) 2016. The fall in construction output in the first quarter of 2016 is broadly consistent with the [Markit/CIPS UK Construction Purchasing Managers' Index](#). This has fallen since the start of 2016 to 52.0 in April, which is its lowest reading since June 2013.

Looking over a longer period shows a similar weakness in output. Comparing March 2016 with March 2015, construction output decreased by 4.5%, the largest fall since March 2013 when construction output fell by 6.1%. Falls in repair and maintenance and infrastructure have more than offset the growth in new private housing work over this period.

The increase in growth in construction output associated with new private housing activity has come alongside a continued price pressure in the housing market. The [ONS House Price Index](#) indicated UK house prices increased by 7.6% in the year to February 2016, down from 7.9% in the year to January 2016. This is consistent with the [Nationwide](#) report, which indicates that UK house prices increased by 5.7% in the year to March 2016, up from 4.8% in the year to February 2016.

The continued strength of house price inflation has coincided with a sharp increase in demand, shown by a 41.5% increase in the seasonally adjusted number of residential property transactions between February 2016 and March 2016. This was 69.7% higher compared with the same month last year according to [HM Revenue and Customs](#). However, part of this large increase in property transactions is likely to be as a result of the change in stamp duty rates for buy-to-let properties on 1 April 2016, which may have encouraged individuals to bring forward housing transactions. The [Bank of England credit conditions survey](#) for Quarter 1 (Jan to Mar) 2016 also cited increased demand for secured lending for house purchases.

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) decreased by 1.1% and by 0.4% in the EU28 in February 2016 compared with January 2016. The Great Britain estimate for February 2016 showed that construction output decreased by 1.0%. 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 2 May 2016, showed provisional estimates of construction output increased by 0.3% in March 2016 compared with February 2016 and increased by 9.1% compared with March 2015.

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. 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.

2. 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.

3. 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 in 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.

4. 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 (per cent): Great Britain, December 2015 to March 2016

Year Period	Turnover	Questionnaire
2016 March	78.7	71.4
February	90.6	77.9
January	93.7	80.4
2015 December	92.6	80.4

5. Quality

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

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

6. Revision policy

Construction output conforms to the standard [National Accounts Revisions Policy](#), which can be found on our website. In line with this, the construction output release for March 2016 has revisions back to January 2016.

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.

7. 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 on our [revisions page](#).

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.

8. 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. 16, 2015 Edition](#)

[Analysis of the construction industry](#)

[UK Statistics Authority assessment](#)

[Disclosure control policy](#)

[Types of Construction work](#)

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

9. Further information

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

10. 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.

11. 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.

12. 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.

13. Further information and user feedback

As a user of our statistics, we would welcome your 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 construction.statistics@ons.gsi.gov.uk

1.A.A CONSTRUCTION OUTPUT: VOLUME 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	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	Maintenance	All Work	
1997	MV36 47.0	MV37 92.8	MVL7 83.7	MV38 80.8	MV39 45.8	MV3A 193.1	MV3B 92.6	MV3C 85.2	MV3D 110.9	MV3E 116.6	MV3F 115.7	MV3G 88.4	MV3H 100.6	MV3I 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	121.5	146.3	141.4	125.8	86.9	116.4	105.7	117.5	97.4	110.7	106.2	104.8	105.5	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						
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV3G	MV3H	MV3I	All Work						
2001 Q2	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I								
Q3	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								
Q4	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								
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	136.0	145.3	143.5	125.5	86.2	114.8	105.4	117.8	99.1	107.3	104.5	108.1	106.3	113.3								
Q2	128.2	148.7	144.6	128.0	87.8	112.8	106.7	119.1	99.0	112.0	107.7	103.3	105.5	113.9								
Q3	110.0	142.2	135.8	127.2	87.1	122.5	104.7	116.2	97.5	112.9	107.7	102.9	105.4	112.0								
Q4	111.8	149.0	141.6	122.3	86.5	115.6	106.1	116.9	93.9	110.5	105.0	105.1	105.0	112.3								
2016 Q1	116.5	156.3	148.4	115.4	83.9	98.8	106.1	116.2	94.3	108.5	103.7	102.3	103.0	111.1								

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	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV3T	MV3U	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	147.5	141.8	129.8	87.8	120.4	107.1	119.2	98.1	112.8	107.9	106.4	107.2	114.6

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	Infrastructure	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										
2010	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V							
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	124.8	122.4	110.0	70.3	101.7	95.4	102.5	91.0	93.1	92.4	97.2	94.8	99.5						
Feb	125.0	127.7	127.1	117.8	78.6	118.2	101.0	109.2	98.5	96.0	96.9	102.2	99.5	105.5							
Mar	136.5	147.4	145.2	147.0	90.7	122.4	106.9	124.1	122.6	116.6	118.6	122.5	120.5	122.7							
Apr	133.6	154.2	150.1	137.4	84.8	117.7	102.6	121.1	92.6	110.4	104.4	103.2	103.8	114.4							
May	123.3	152.2	146.5	131.3	85.8	115.9	104.2	119.4	94.2	110.1	104.8	99.3	102.1	112.7							
Jun	137.2	163.3	158.1	131.9	92.2	122.4	113.7	127.1	99.9	120.7	113.7	104.0	109.0	120.1							
	Jul	111.7	151.7	143.8	140.2	97.1	134.1	113.4	125.9	99.3	123.5	115.4	112.6	114.0	121.3						
	Aug	101.3	139.6	132.0	131.5	96.2	127.9	108.4	118.8	96.3	111.0	106.0	106.9	106.4	114.1						
	Sep	111.8	147.4	140.3	130.4	93.5	130.1	109.3	121.0	102.3	120.8	114.6	111.6	113.1	118.0						
	Oct	107.6	160.3	149.8	133.1	91.4	122.8	119.3	126.7	98.											

2.A CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED BY SECTOR

£ million

	New Housing					Other New Work				Repair and Maintenance					
	Public housing		Private housing		Total new housing	Excluding Infrastructure			Housing			Non housing R&M			All Repair and Maintenance
	MV3W	MV3X	MVL9	MV3Y	MV3Z	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	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	4 892	23 749	28 641	17 737	9 377	4 328	23 766	83 849	7 413	16 681	24 094	23 032	47 127	130 976	

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

	Construction Output: Volume Seasonally Adjusted by Sector														
	New Housing					Other New Work					Repair and Maintenance				
	Public housing	Private housing	Total new housing	Infrastructure	Public	Excluding Infrastructure		All new work	Public housing	Private housing	Housing		Non housing R&M	All Repair and Maintenance	All Work
						Private industrial	Private commercial				Total housing	Non housing R&M			
MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A	MV4B	MV4C
2001 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	1 369	5 899	7 268	4 425	2 325	1 067	5 923	21 009	1 887	4 041	5 928	5 935	11 862	32 871	
Q2	1 290	6 033	7 324	4 513	2 369	1 049	5 995	21 250	1 884	4 221	6 105	5 675	11 780	33 030	
Q3	1 107	5 771	6 878	4 485	2 349	1 138	5 885	20 735	1 855	4 255	6 110	5 651	11 760	32 496	
Q4	1 125	6 046	7 172	4 313	2 333	1 075	5 963	20 856	1 788	4 164	5 952	5 772	11 724	32 580	
2016 Q1	1 173	6 344	7 516	4 070	2 265	919	5 964	20 733	1 795	4 088	5 883	5 619	11 501	32 235	

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

£ million

	Repair and Maintenance												
	New Housing				Other New Work				Repair and Maintenance				
	Excluding Infrastructure			Housing									All Repair and Maintenance
	Public housing	Private housing	Total new housing	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		All Work
2010	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49
	Aug	426	1 353	1 779	1 275	1 276	400	2 185	6 914	662	1 394	2 055	1 714
	Sep	424	1 385	1 809	1 228	1 250	317	2 111	6 716	674	1 442	2 116	1 763
	Oct	437	1 395	1 832	1 214	1 289	285	2 084	6 705	683	1 375	2 058	1 799
	Nov	442	1 392	1 835	1 208	1 276	292	2 213	6 824	676	1 379	2 056	1 791
	Dec	392	1 257	1 650	1 034	1 236	278	1 969	6 166	654	1 362	2 016	1 733
2011	Jan	395	1 280	1 675	1 176	1 205	281	1 904	6 241	573	1 237	1 811	1 698
	Feb	401	1 322	1 723	1 279	1 242	285	1 943	6 472	650	1 296	1 946	1 755
	Mar	437	1 487	1 924	1 381	1 276	297	2 050	6 928	705	1 429	2 134	2 005
	Apr	411	1 370	1 781	1 374	1 204	295	2 056	6 710	634	1 308	1 941	1 782
	May	424	1 393	1 817	1 417	1 181	303	2 064	6 782	623	1 299	1 922	1 814
	Jun	431	1 557	1 987	1 421	1 198	324	2 144	7 073	643	1 322	1 965	1 804
2012	Jul	381	1 440	1 821	1 370	1 156	283	2 116	6 746	607	1 286	1 893	1 835
	Aug	382	1 431	1 812	1 339	1 112	288	2 108	6 660	607	1 316	1 922	1 844
	Sep	419	1 387	1 806	1 313	1 084	283	2 164	6 650	600	1 334	1 934	1 844
	Oct	390	1 347	1 737	1 270	996	289	2 150	6 441	609	1 362	1 972	1 835
	Nov	400	1 384	1 784	1 368	1 006	290	2 263	6 710	618	1 374	1 992	1 884
	Dec	363	1 393	1 756	1 427	1 104	259	2 139	6 685	616	1 346	1 961	1 892
2013	Jan	364	1 371	1 736	1 184	982	286	1 927	6 114	605	1 225	1 830	1 759
	Feb	328	1 373	1 701	1 140	927	290	1 898	5 956	609	1 392	2 001	1 847
	Mar	334	1 517	1 851	1 143	958	295	1 968	6 215	627	1 387	2 014	1 983
	Apr	335	1 332	1 667	1 109	945	297	1 943	5 961	604	1 225	1 829	1 807
	May	325	1 370	1 695	1 095	946	321	2 028	6 086	657	1 323	1 980	1 922
	Jun	326	1 352	1 679	1 083	877	301	1 887	5 827	627	1 189	1 816	1 824
2014	Jul	345	1 303	1 648	1 090	885	316	1 799	5 737	653	1 316	1 969	1 842
	Aug	326	1 279	1 605	1 316	886	303	1 798	5 908	646	1 237	1 883	1 758
	Sep	335	1 290	1 625	1 196	864	317	1 713	5 715	645	1 145	1 791	1 715
	Oct	333	1 358	1 691	1 306	874	334	1 828	6 032	656	1 214	1 870	1 844
	Nov	336	1 364	1 699	1 287	853	329	1 873	6 041	657	1 223	1 880	1 921
	Dec	339	1 326	1 665	1 154	797	329	1 825	5 771	625	1 195	1 820	1 747
2015	Jan	287	1 315	1 602	1 143	773	320	1 845	5 682	623	1 199	1 821	1 788
	Feb	313	1 390	1 703	1 193	821	317	1 832	5 866	629	1 230	1 859	1 842
	Mar	332	1 383	1 716	1 216	829	296	1 813	5 870	628	1 231	1 859	1 865
	Apr	333	1 435	1 769	1 194	821	287	1 835	5 906	631	1 272	1 904	1 841
	May	345	1 439	1 783	1 195	853	278	1 870	5 980	606	1 303	1 909	1 930
	Jun	383	1 513	1 896	1 206	837	279	1 826	6 043	585	1 283	1 868	1 860
2016	Jul	361	1 485	1 846	1 222	837	274	1 911	6 091	576	1 316	1 892	1 900
	Aug	358	1 518	1 876	1 251	821	305	1 943	6 195	610	1 311	1 921	1 946
	Sep	365	1 466	1 831	1 123	854	260	1 973	6 040	601	1 323	1 923	1 865
	Oct	409	1 572	1 981	1 330	792	267	1 962	6 331	615	1 349	1 964	2 036
	Nov	412	1 530	1 942	1 253	789	272	1 902	6 159	596	1 337	1 933	1 953
	Dec	408	1 626	2 034	1 212	787	283	1 881	6 197	606	1 283	1 889	1 928

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

£ million

	New Housing					Other New Work					Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infrastructure	Excluding Infrastructure					Housing					All Repair and Maintenance	All Work
					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		
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	4 772	23 954	28 725	18 307	9 483	4 476	24 073	85 064	7 466	17 000	24 466	23 378	47 845	132 909		

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

£ million

	Construction Output: Volume Non-Seasonally Adjusted by Sector														
	New Housing				Other New Work				Repair and Maintenance						
	Public housing	Private housing	Total new housing	Infrastructure	Excluding Infrastructure			All new work	Public housing	Private housing	Total housing	Non housing R&M	MV4L	MV4M	MV4N
					Public	Private industrial	Private commercial								
2001 Q2	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N	
	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
2001 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	
	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
2002 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	
	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	
	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	
2003 Q1	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	
	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	
	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	
	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
2004 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	
	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
2005 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	
	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	
	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	
2006 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	
	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	
	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	
	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	
	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	
2008 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	
	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	
	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	
2009 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	
	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	
	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	
2009 Q4	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	
	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	
	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	
	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
2011 Q4	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	
	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	
	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	
2012 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	
	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	
	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	
2013 Q4	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	
	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	
	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	
	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	
	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	
2014 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	
	1 256	5 409	6 665	4 404	2 155	1 061	5 682	19 967	1 981	3 839	5 820	5 892	11 712	31 679	
	Q2	1 323	6 355	7 678	4 708	2 364	1 103	6 006	21 859	1 818	4 285	6 103	5 611	11 714	33 573
2015 Q3	1 090	5 935	7 025	4 725	2 580	1 215	6 205	21 750	1 890	4 462	6 352	6 062	12 414	34 164	
	Q4	1 103	6 254	7 357	4 471	2 384	1 098	6 179	21 489	1 778	4 414	6 191	5 814	12 005	33 494
	2016 Q1	1 074	5 862	6 937	4 023	2 070	896	5 666	19 592	1 914	3 895	5 809	5 496	11 305	30 898

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3.A.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						
				Infrastructure	Excluding Infrastructure						Housing			All Repair and Maintenance	
	Public housing	Private housing	Total housing		Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV5R	MV5S	All Work	
	MV5H	MV5I	MVM3	MV5J	MV5K	MV5L	MV5M	MV5N	MV5O	MV5P	MV5Q	MV5R	MV5S	MV5T	
1998	-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	
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	-14.0	8.4	3.8	29.8	-1.9	10.4	-1.0	6.5	-	-0.1	-0.1	-3.3	-1.7	3.4	

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

2012 = 100

	New Housing												Other New Work			Repair and Maintenance					
	New Housing				Other New Work				Repair and Maintenance				All Repair and Maintenance								
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV5F	MV5G	MV5H	MV5I	MV5J	MV5K			
	MV54	MV55	MVM7	MV56	MV57	MV58	MV59	MV5A	MV5B	MV5C	MV5D	MV5E	MV5F	MV5G	MV5H	MV5I	MV5J	MV5K			
2001 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	-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	-5.0	2.9	1.3	22.3	-4.6	7.9	-2.4	3.6	3.0	-1.9	-0.4	-1.7	-1.0	1.9							
Q2	-5.7	2.3	0.8	2.0	1.9	-1.7	1.2	1.1	-0.1	4.5	3.0	-4.4	-0.7	0.5							
Q3	-14.2	-4.4	-6.1	-0.6	-0.8	8.5	-1.8	-2.4	-1.5	0.8	0.1	-0.4	-0.2	-1.6							
Q4	1.6	4.8	4.3	-3.8	-0.7	-5.6	1.3	0.6	-3.6	-2.1	-2.6	2.1	-0.3	0.3							
2016 Q1	4.2	4.9	4.8	-5.6	-2.9	-14.5	-	-0.6	0.4	-1.8	-1.2	-2.7	-1.9	-1.1							

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			
					Excluding Infrastructure								Housing				All Repair and Maintenance			
	Public housing	Private housing	Total new housing	Infrastructure	Private Public	industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV5R	MV5S	MV5T	All Work				
MV5H	MV5I	MVM3	MV5J	MV5K	MV5L	MV5M	MV5N	MV5O	MV5P	MV5Q	MV5R	MV5S	MV5T							
1998 -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							
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 -14.0	8.4	3.8	29.8	-1.9	10.4	-1.0	6.5	-	-0.1	-0.1	-3.3	-1.7	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					
	New Housing				Other New Work					Repair and Maintenance				All Work								
	Public housing		Private housing		Total new housing	Infrastruc-ture	Excluding Infrastructure		Private industri-al		Private commerci-al		All new work	Public housing	Private housing	Total housing	Non housing R&M	All Repair and Maintenance	All Work			
	MV68	MV69	MVM8	MV6A	MV6B	MV6C	MV6D	MV6E	MV6F	MV6G	MV6H	MV6I	MV6J	MV6K	MV6L	MV6M	MV6N	MV6O	MV6P			
2001 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	2.3	14.0	11.6	30.0	-0.2	15.8	-0.8	9.8	1.4	-3.9	-2.3	3.0	0.3	6.2								
Q2	-8.7	13.1	8.5	38.4	-	4.1	0.1	9.7	1.1	2.1	1.8	-5.2	-1.7	5.3								
Q3	-25.9	1.9	-3.9	32.6	-2.9	13.5	-1.8	3.9	-0.1	0.3	0.2	-6.4	-3.1	1.3								
Q4	-21.9	5.5	-	19.2	-4.3	8.7	-1.7	2.8	-2.4	1.1	-	-4.4	-2.2	1.0								
2016 Q1	-14.3	7.5	3.4	-8.0	-2.6	-13.9	0.7	-1.3	-4.9	1.2	-0.8	-5.3	-3.0	-1.9								

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.

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	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV66	MV67				All Work					
	MV4W	MV5U	MVM4	MV5V	MV5W	MV5X	MV5Y	MV5Z	MV62	MV63	MV64	MV65	MV66	MV67									
2011 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	6.5	11.7	10.7	26.3	-2.4	26.0	2.4	10.1	-3.0	-3.2	-3.1	3.5	0.1	6.2									
Feb	3.2	16.0	13.3	25.6	3.2	15.2	2.1	10.9	1.9	-7.4	-4.6	0.4	-2.1	5.9									
Mar	-2.4	14.4	10.8	38.5	-1.3	7.2	-6.7	8.4	5.7	-1.1	1.0	5.1	3.0	6.3									
Apr	6.0	16.4	14.3	43.1	-4.1	7.8	-3.4	11.0	-2.2	-0.6	-1.1	-4.0	-2.5	5.8									
May	-14.3	14.0	7.9	35.3	1.8	4.1	-0.2	9.2	3.2	1.5	2.0	-3.9	-0.9	5.3									
Jun	-16.2	8.8	3.4	36.7	2.6	0.5	4.2	8.9	2.3	5.4	4.4	-7.5	-1.6	4.9									
Jul	-21.2	2.4	-2.5	37.4	0.3	21.2	-1.2	6.2	0.1	2.4	1.7	-2.4	-0.3	3.7									
Aug	-31.0	2.3	-4.8	33.8	-5.1	8.8	-0.2	3.7	-1.6	-3.6	-3.0	-9.5	-6.2	-0.1									
Sep	-25.5	1.1	-4.4	26.7	-3.7	10.7	-4.1	1.9	1.3	2.2	1.9	-7.3	-2.7	0.2									
Oct	-26.7	4.8	-1.7	23.5	-5.9	11.2	2.2	4.0	-0.9	1.4	0.7	-4.6	-1.9	1.8									
Nov	-24.4	3.9	-1.7	13.6	-4.1	12.2	-1.9	1.3	-5.7	1.3	-0.8	-6.0	-3.4	-0.4									
Dec	-14.8	7.9	3.3	20.6	-2.8	2.8	-5.2	3.1	-0.7	0.5	0.1	-2.5	-1.2	1.6									
2016 Jan	-11.5	4.1	1.2	-5.1	4.4	-4.0	-	-0.4	-4.9	4.0	1.2	-5.0	-1.9	-0.9									
Feb	-16.8	10.1	5.0	-3.9	-4.4	-21.4	0.6	-0.5	-2.6	3.2	1.3	-1.6	-0.2	-0.4									
Mar	-14.7	8.4	4.1	-14.8	-7.8	-16.6	1.5	-3.1	-7.0	-3.5	-4.6	-9.3	-6.9	-4.5									

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.

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

£ million

	New Housing												Other New Work						Repair and Maintenance					
	Excluding Infrastructure				Housing				Other Work				All Repair and Maintenance		All Work									
	Public housing	Private housing	Total new housing	Infrast- ructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Infrast- ructure	Public	Private	MVO4	MVO5	MVO4	MVO5	All Repair and Maintenance	All Work					
	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVN M	MVO2	N42T	N42U	N42V	MVO4	MVO5	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	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	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	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	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	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	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	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	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	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	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	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	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	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	42 482	117 384	42 482	117 384						
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	44 420	122 005	44 420	122 005						
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	44 921	116 284	44 921	116 284						
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	47 069	121 986	47 069	121 986						
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	51 103	136 068	51 103	136 068						
2015	5 199	26 410	31 609	19 574	10 361	4 667	26 582	92 793	7 823	18 244	26 067	8 925	5 077	10 837	50 905	143 698	50 905	143 698						

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			
					Excluding Infrastructure								Housing							
	Public housing	Private housing	Total new housing	Infrast- ructure	Private Public	Private industr- ial	Private commer- cial	All new work	Public housing	Private housing	Total housing	Infrast- ructure	Public	Private	MV6X	MV6Y	MV6Z	MV72		
	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	5 031	26 144	31 175	20 248	10 417	4 816	26 812	93 467	7 864	18 365	26 229	8 459	4 817	11 039	50 545	144 012				

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	2015 Q4
PUBLIC HOUSING	MV6L	1 238	1 280	1 487	1 535	1 480	1 314	1 388	1 156	1 173
PRIVATE HOUSING	MV6M	5 114	5 049	5 963	6 249	6 362	5 855	6 896	6 514	6 879
INFRASTRUCTURE										
Water	MV73	338	264	229	207	167	184	179	177	164
Sewerage	MV74	121	101	92	101	115	131	136	275	424
Electricity	MV75	1 099	1 136	1 270	1 443	1 615	1 896	2 100	2 227	2 103
Roads	MV76	743	670	699	817	951	1 276	1 495	1 516	1 377
Railways	MV77	1 145	975	904	821	791	835	773	673	589
Harbours	MV78	187	177	185	202	224	260	267	249	215
Other ¹	MV79	407	349	320	297	262	250	203	153	121
TOTAL	MV6N	4 056	3 673	3 700	3 887	4 124	4 831	5 153	5 270	4 993
of which										
public	MV7A	1 516	1 367	1 364	1 443	1 592	1 968	2 101	2 010	1 778
private	MV7B	2 524	2 305	2 335	2 444	2 533	2 864	3 052	3 261	3 215
OTHER PUBLIC NON-HOUSING										
Factories	MV7C	19	20	22	23	19	15	16	18	18
Warehouses	MV7D	11	9	8	7	4	2	2	2	2
Oil, Steel, Coal	MV7E	4	2	2	2	2	2	2	1	1
Schools & Colleges	MV7F	999	878	940	1 066	1 025	906	1 035	1 198	1 140
Universities	MV7G	372	365	431	514	485	407	410	419	358
Health	MV7H	511	431	438	446	398	357	420	495	490
Offices	MV7I	150	115	116	127	120	106	122	147	151
Entertainment	MV7J	181	185	214	244	225	191	198	198	165
Garages, Shops	MV7Z	41	39	44	48	48	45	51	60	56
Agriculture, Miscellaneous	MV82	259	257	305	370	361	308	315	321	268
TOTAL	MV6O	2 547	2 301	2 522	2 848	2 690	2 340	2 569	2 859	2 648
PRIVATE INDUSTRIAL										
Factories	MV83	460	479	591	662	602	617	601	689	652
Warehouses	MV84	350	401	440	423	421	508	571	627	534
Oil, Steel, Coal	MV85	59	65	60	38	19	11	1	2	4
TOTAL	MV6P	869	946	1 091	1 123	1 042	1 135	1 173	1 318	1 190
PRIVATE COMMERCIAL										
Schools, Universities	MV86	906	922	967	1 067	1 079	992	1 064	1 189	1 196
Health	MV87	243	220	250	262	266	255	281	287	266
Offices	MV88	1 930	1 893	2 035	2 210	2 295	2 191	2 361	2 511	2 565
Entertainment	MV89	1 326	1 337	1 420	1 478	1 448	1 298	1 348	1 389	1 425
Garages	MV8A	95	78	67	62	54	52	60	71	77
Shops	MV8B	1 279	1 261	1 349	1 423	1 389	1 229	1 254	1 263	1 183
Agriculture, Miscellaneous	MV8C	487	347	263	257	245	237	253	265	250
TOTAL	MV6Q	6 266	6 059	6 351	6 758	6 777	6 254	6 621	6 974	6 962
TOTAL NEW WORK	MV6R	20 091	19 307	21 113	22 399	22 474	21 730	23 800	24 092	23 846

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

£ million

		2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
NORTH EAST									
New Housing									
Housing	MV8D	61	74	76	69	57	52	41	40
Private	MV8E	163	188	203	224	232	296	305	329
Total Housing	N3QP	224	262	279	294	288	349	347	369
Infrastructure	MV8F	188	203	227	243	272	261	257	245
Other New Work									
Excluding Infrastructure									
Public	MV8G	85	105	120	112	97	106	120	109
Private Industrial	MV8H	87	129	134	97	79	61	54	41
Private Commercial	MV8I	240	218	243	229	188	186	180	187
All New Work	MV8J	823	916	1 002	975	925	963	957	952
Repair and Maintenance									
Housing	MV8K	146	131	156	148	134	143	141	143
Other New Work									
Public	MV8L	20	17	20	19	15	17	25	29
Private	MV8M	53	72	75	66	70	71	81	79
Infrastructure	MV8N	56	51	60	56	59	65	71	61
All Repair and Maintenance	MV8O	275	271	311	289	278	296	318	312
All Work	MV8P	1 098	1 187	1 313	1 264	1 203	1 259	1 275	1 264
YORKSHIRE AND THE HUMBER									
New Housing									
Public	MV8Q	55	88	119	139	141	153	124	109
Private	MV8R	365	441	471	485	436	519	485	504
Total Housing	N3QQ	420	529	589	624	576	672	610	613
Infrastructure	MV8S	349	320	336	332	363	340	301	270
Other New Work									
Excluding Infrastructure									
Public	MV8T	136	137	152	145	129	146	174	170
Private Industrial	MV8U	65	80	95	103	121	123	151	140
Private Commercial	MV8V	539	612	607	537	421	399	398	378
All New Work	MV8W	1 508	1 677	1 779	1 741	1 611	1 680	1 634	1 571
Repair and Maintenance									
Housing	MV8X	433	462	490	467	432	434	412	419
Other New Work									
Public	MV8Y	73	78	98	76	69	72	85	64
Private	MV8Z	202	192	203	196	178	175	182	185
Infrastructure	MV92	125	141	188	178	150	100	77	54
All Repair and Maintenance	MV93	833	873	979	917	829	781	756	722
All Work	MV94	2 341	2 550	2 758	2 658	2 440	2 461	2 390	2 293
EAST MIDLANDS									
New Housing									
Public	MV95	42	46	48	50	48	56	49	50
Private	MV96	412	499	507	486	429	470	415	430
Total Housing	N3QR	454	545	555	536	477	527	464	480
Infrastructure	MV97	186	182	201	215	261	285	374	393
Other New Work									
Excluding Infrastructure									
Public	MV98	134	137	150	144	128	144	183	192
Private Industrial	MV99	101	111	102	121	155	165	182	168
Private Commercial	MV9A	265	260	247	231	218	228	242	255
All New Work	MV9B	1 140	1 234	1 255	1 247	1 239	1 348	1 444	1 488
Repair and Maintenance									
Housing	MV9C	367	337	361	340	317	345	354	318
Other New Work									
Public	MV9D	60	62	72	68	62	67	85	88
Private	MV9E	134	142	151	169	154	154	174	167
Infrastructure	MV9F	112	112	120	116	94	97	123	115
All Repair and Maintenance	MV9G	673	653	704	693	627	663	736	688
All Work	MV9H	1 813	1 887	1 959	1 940	1 866	2 011	2 180	2 176
EAST OF ENGLAND									
New Housing									
Public	MV9I	70	89	100	103	98	109	88	86
Private	MV9J	411	447	439	424	392	475	480	539
Total Housing	N3QS	481	536	539	526	489	584	568	625
Infrastructure	MV9K	399	413	422	434	497	577	562	497
Other New Work									
Excluding Infrastructure									
Public	MV9L	241	244	251	222	191	209	225	198
Private Industrial	MV9M	68	69	74	74	70	77	92	101
Private Commercial	MV9N	478	477	467	458	499	563	634	639
All New Work	MV9O	1 667	1 740	1 753	1 714	1 747	2 010	2 082	2 061
Repair and Maintenance									
Housing	MV9P	804	791	851	856	817	827	919	917
Other New Work									
Public	MV9Q	134	115	182	147	130	123	156	126
Private	MV9R	330	336	355	351	336	333	343	324
Infrastructure	MV9S	264	258	268	279	292	333	375	369
All Repair and Maintenance	MV9T	1 532	1 500	1 656	1 633	1 575	1 616	1 793	1 736
All Work	MV9U	3 199	3 240	3 409	3 347	3 322	3 626	3 875	3 797

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

continued

£ million

		2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
LONDON									
New Housing									
Public	MV9V	541	626	616	556	444	422	321	316
Private	MV9W	1 165	1 455	1 571	1 608	1 488	1 730	1 592	1 622
Total Housing	N3QT	1 706	2 081	2 186	2 164	1 932	2 152	1 913	1 939
Infrastructure	MV9X	654	596	540	557	608	561	640	703
Other New Work									
Excluding Infrastructure									
Public	MV9Y	376	421	470	431	364	395	446	451
Private Industrial	MV9Z	53	64	70	60	60	57	96	106
Private Commercial	MVA2	1 570	1 796	2 127	2 261	2 113	2 279	2 385	2 474
All New Work	MVA3	4 358	4 959	5 394	5 473	5 076	5 445	5 480	5 672
Repair and Maintenance									
Housing	MVA4	1 128	1 186	1 199	1 185	1 155	1 274	1 291	1 244
Other New Work									
Public	MVA5	307	331	387	299	292	241	328	292
Private	MVA6	444	481	474	428	398	438	457	460
Infrastructure	MVA7	379	383	354	403	515	426	293	312
All Repair and Maintenance	MVA8	2 258	2 381	2 414	2 315	2 360	2 379	2 369	2 308
All Work	MVA9	6 616	7 340	7 808	7 788	7 436	7 824	7 849	7 980
SOUTH EAST									
New Housing									
Public	MVB2	145	153	143	127	106	112	96	100
Private	MVB3	712	803	806	813	734	864	833	890
Total Housing	N3QU	857	956	948	940	841	976	929	990
Infrastructure	MVB4	436	427	462	487	532	658	711	679
Other New Work									
Excluding Infrastructure									
Public	MVB5	272	296	348	348	316	359	406	382
Private Industrial	MVB6	103	109	112	118	139	161	182	152
Private Commercial	MVB7	803	842	890	846	719	709	736	715
All New Work	MVB8	2 471	2 630	2 761	2 741	2 547	2 864	2 965	2 918
Repair and Maintenance									
Housing	MVB9	1 098	1 130	1 266	1 284	1 234	1 274	1 341	1 297
Other New Work									
Public	MVBN	231	229	279	197	183	175	217	197
Private	MVC2	309	352	413	414	400	419	465	478
Infrastructure	MVC3	290	264	290	299	314	254	224	192
All Repair and Maintenance	MVC4	1 928	1 975	2 248	2 194	2 131	2 122	2 247	2 164
All Work	MVC5	4 399	4 605	5 009	4 935	4 678	4 986	5 212	5 082
SOUTH WEST									
New Housing									
Public	MVC6	44	44	40	39	40	53	53	74
Private	MVC7	565	633	653	647	569	646	594	612
Total Housing	N3QV	608	677	693	687	610	699	646	686
Infrastructure	MVC8	225	237	256	276	335	357	347	306
Other New Work									
Excluding Infrastructure									
Public	MVC9	207	218	234	210	171	173	173	146
Private Industrial	MVD2	79	83	72	58	58	60	67	56
Private Commercial	MVD3	446	444	429	395	344	375	408	397
All New Work	MVD4	1 565	1 658	1 684	1 626	1 518	1 665	1 642	1 591
Repair and Maintenance									
Housing	MVD5	601	587	632	575	531	571	618	627
Other New Work									
Public	MVD6	79	79	102	93	90	82	112	109
Private	MVD7	146	150	140	133	143	157	169	193
Infrastructure	MVD8	203	197	195	183	224	169	153	138
All Repair and Maintenance	MVD9	1 029	1 013	1 069	984	988	979	1 052	1 067
All Work	MVDD	2 594	2 671	2 753	2 610	2 506	2 644	2 694	2 658
WALES									
New Housing									
Public	MVE2	28	31	34	35	32	36	31	33
Private	MVE3	172	180	167	166	147	169	163	185
Total Housing	N3QW	200	211	201	201	179	204	194	218
Infrastructure	MVE4	146	150	156	156	282	358	357	330
Other New Work									
Excluding Infrastructure									
Public	MVE5	136	169	208	201	170	172	167	134
Private Industrial	MVE6	23	30	32	31	32	39	48	44
Private Commercial	MVE7	235	215	202	166	128	128	129	131
All New Work	MVE8	740	776	799	755	792	901	897	857
Repair and Maintenance									
Housing	MVE9	254	274	295	276	225	220	239	242
Other New Work									
Public	MVF2	29	26	32	23	26	29	41	31
Private	MVF3	69	77	60	43	38	48	60	54
Infrastructure	MVF4	73	80	101	83	68	74	101	99
All Repair and Maintenance	MVF5	425	457	488	425	357	371	441	426
All Work	MVF6	1 165	1 233	1 287	1 180	1 149	1 272	1 338	1 283

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

continued

£ million

		2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
WEST MIDLANDS									
New Housing									
Public	MVF7	97	113	119	112	100	104	80	75
Private	MVF8	334	387	401	415	393	486	473	528
Total Housing	N3QX	431	500	520	527	493	590	552	602
Infrastructure	MVF9	162	168	175	180	195	199	202	180
Other New Work									
Excluding Infrastructure									
Public	MVFB	191	203	217	189	156	163	170	152
Private Industrial	MVG2	132	140	141	119	124	126	145	147
Private Commercial	MVG3	412	429	452	551	551	571	604	559
All New Work	MVG4	1 329	1 440	1 505	1 565	1 520	1 648	1 673	1 641
Repair and Maintenance									
Housing	MVG5	497	489	506	504	449	425	455	423
Other New Work									
Public	MVG6	86	91	137	110	96	98	129	115
Private	MVG7	298	332	378	379	380	410	396	394
Infrastructure	MVG8	168	148	152	139	141	134	117	79
All Repair and Maintenance	MVG9	1 049	1 060	1 173	1 132	1 066	1 067	1 097	1 011
All Work	MVGO	2 378	2 500	2 678	2 697	2 586	2 715	2 770	2 652
NORTH WEST									
New Housing									
Public	MVH2	101	112	115	116	108	123	110	108
Private	MVH3	440	566	647	696	669	805	768	810
Total Housing	N3QY	542	678	761	812	777	928	878	918
Infrastructure	MVH4	418	434	455	450	485	474	484	468
Other New Work									
Excluding Infrastructure									
Public	MVH5	270	297	342	329	295	330	364	315
Private Industrial	MVH6	130	134	128	127	192	225	229	179
Private Commercial	MVH7	540	520	548	535	532	578	605	593
All New Work	MVH8	1 900	2 062	2 235	2 253	2 281	2 536	2 560	2 473
Repair and Maintenance									
Housing	MVH9	536	517	512	554	537	583	580	553
Other New Work									
Public	MVI2	178	198	227	168	136	81	104	89
Private	MVI3	294	324	333	330	291	267	296	320
Infrastructure	MVI4	289	302	327	321	281	243	287	267
All Repair and Maintenance	MVI5	1 297	1 341	1 399	1 373	1 245	1 174	1 267	1 229
All Work	MVI6	3 197	3 403	3 634	3 626	3 526	3 710	3 827	3 702
SCOTLAND									
New Housing									
Public	MVI7	96	112	126	135	139	168	162	182
Private	MVI8	310	365	385	396	367	434	406	430
Total Housing	N3QZ	406	476	511	532	506	603	569	612
Infrastructure	MVI9	511	569	658	794	1 000	1 081	1 036	922
Other New Work									
Excluding Infrastructure									
Public	MVIJ	252	295	355	359	322	372	430	400
Private Industrial	MVJ2	106	143	162	134	105	81	71	55
Private Commercial	MVJ3	531	539	545	567	540	605	653	634
All New Work	MVJ4	1 806	2 021	2 232	2 386	2 473	2 742	2 759	2 623
Repair and Maintenance									
Housing	MVJ5	367	388	394	378	379	446	469	473
Other New Work									
Public	MVJ6	87	82	107	78	73	71	90	78
Private	MVJ7	177	211	223	201	194	210	245	256
Infrastructure	MVJ8	194	192	209	208	218	207	254	245
All Repair and Maintenance	MVJ9	825	873	933	865	864	934	1 058	1 052
All Work	MVK2	2 631	2 894	3 165	3 251	3 337	3 676	3 817	3 675

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

BY SECTOR

Index 2012 = 100

	New Housing										Other New Work				Repair and Maintenance			
					Excluding Infrastructure								Housing					
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	Repair and Maintenance	All Work				
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6				
1997	56.2	49.8	50.5	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	68.0	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	67.3	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	74.2	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	76.8	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	93.2	88.7	95.0				
2008	110.1	95.5	97.5	94.7	106.9	108.7	106.0	102.4	95.3	87.1	89.7	96.1	93.0	98.8				
2009	108.9	96.3	98.7	91.5	105.2	101.9	102.8	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	110.6	109.8	107.5	111.3	109.9	105.3	108.0	107.2	104.0	105.6	108.3				

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