

Statistical bulletin

# Construction output in Great Britain: June 2018

Short-term measures of output by the construction industry in Great Britain and contracts awarded for new construction work in the UK.

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Release date:  
10 August 2018

Next release:  
10 September 2018

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# 1 . Main points

- Construction output grew by 0.9% in Quarter 2 (Apr to June) 2018, recovering from a 0.8% fall in Quarter 1 (Jan to Mar) 2018.
- The quarter-on-quarter increase in construction output in Quarter 2 2018 was driven by a 2.7% increase in repair and maintenance work, with all new work remaining flat.
- Following four consecutive months of contraction in the month-on-month series at the start of 2018, construction output increased by 1.4% between May and June 2018; this follows an increase of 2.9% between April and May 2018.
- The June 2018 month-on-month growth in construction output was driven predominantly by the continued growth in infrastructure new work, which increased by 9.2%.

## 2 . Things you need to know about this release

The monthly business survey, Construction output, collects output by sector from businesses in the construction industry within Great Britain. Output is defined as the amount chargeable to customers for building and civil engineering work done in the relevant period excluding Value Added Tax (VAT) and payments to sub-contractors.

The survey's results are used to produce seasonally adjusted monthly, quarterly and annual estimates of output in the construction industry at current price and at chained volume measures (removing the effect of changes in price). The estimates are widely used by private and public sector institutions, particularly by the Bank of England and Her Majesty's Treasury, to assist in informed decision-making and policy-making. Construction output is an important economic indicator and is also therefore used in the compilation of the output measure of gross domestic product (GDP).

Summary information can be found in the [Construction output Quality and Methodology Information report](#).

Compared with the previous [Construction output in Great Britain: May 2018](#) publication released on 10 July 2018, this June 2018 release contains revisions for April 2018 onwards. This means that we have incorporated additional data since this period.

Revisions can be made for a variety of reasons, the most common include:

- late responses to surveys and administrative sources, or changes to original returns
- imputations being replaced by actual data
- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually
- HM Revenue and Customs (HMRC) VAT returns replacing MBS data for small- and medium-sized businesses when VAT estimates become available each quarter

This June 2018 release represents the second monthly construction output release in which the new improved methodology for imputing data for businesses that have not yet returned their Office for National Statistics (ONS) survey responses and further adjustments to address the bias in early estimates of construction output has been used. Full details of these improvements can be found in [Improvements to construction statistics: Addressing the bias in early estimates of construction output, June 2018](#).

As a result of the new publication approach for [monthly gross domestic product \(GDP\)](#), data content in the estimates of construction output is impacted in the first month of each quarter in which the new first estimate of quarterly GDP is published. Therefore, data for June 2018 are now sourced from a lower number of survey replies than previously used. However, the response rate for June 2018 is higher than the previous GDP publication approach where the previous preliminary estimate had included a forecast for the last month in a calendar quarter. The impact of this change has been mitigated by ensuring main contributors have responded, as well as the inclusion of the bias adjustment to account for the lower response. To see the impact of the new GDP publication approach on the response and turnover rates at the time of data finalisation in this publication, please see Table 14 of the accompanying [Output in the construction industry dataset](#).

### 3 . Construction output in June 2018

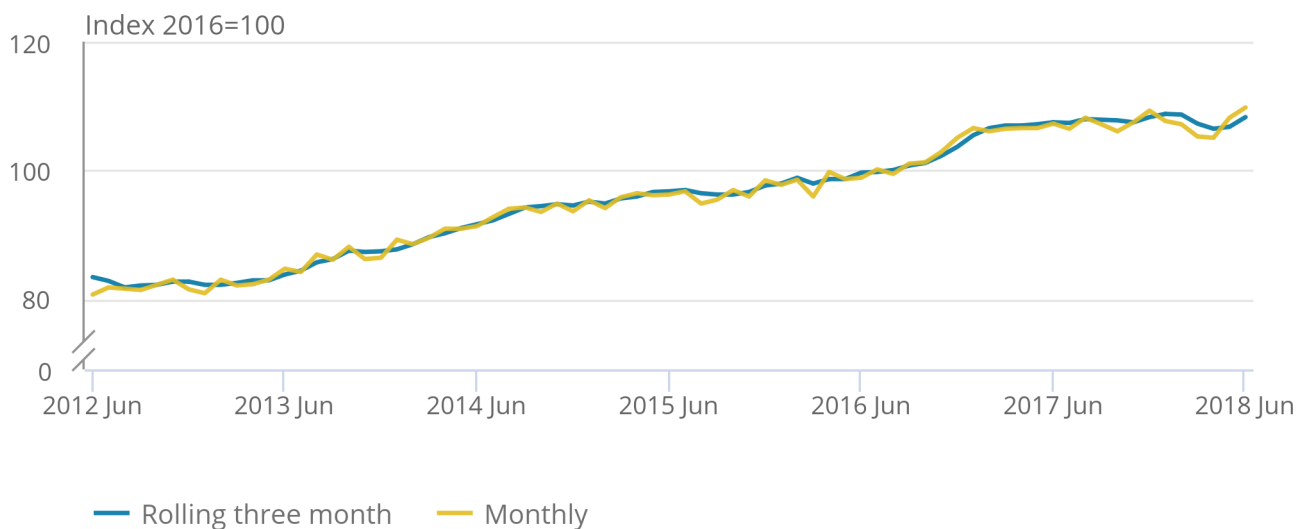
Construction output increased by 0.9% in the three months to June 2018, following three consecutive periods of decline in this series. The three-month time series provides a more comprehensive picture of the underlying trends within the industry, compared with the more volatile monthly series, which is also shown in Figure 1.

**Figure 1: Rolling three-month and monthly all work, June 2018**

Chained volume measure, seasonally adjusted, Great Britain

Figure 1: Rolling three-month and monthly all work, June 2018

Chained volume measure, seasonally adjusted, Great Britain



Source: Construction Output and Employment - Office for National Statistics

Following a marked fall in the rolling three-month series at the beginning of 2018, construction output continued to recover in June 2018, returning to the levels seen at the end of 2017.

Following the month-on-month growth in June 2018, construction output has reached a record monthly level, surpassing the previous high seen in December 2017. As a result of the growth in June 2018, construction output has now reached a level that is 30.2% above the lowest point in the last five years, seen in July 2013.

There was anecdotal evidence from a number of businesses suggesting that the weather in June 2018 had a positive impact on construction output. However, it is difficult to determine if this is a result of the warm weather specifically helping to boost their value of work, a bounce back effect from a poorer start to the year due to the adverse colder weather effects in February and March (as detailed in previous [Construction output in Great Britain releases](#)), or in line with usual seasonal patterns that these particular businesses tend to observe. Therefore, the impact of the weather on both the aggregate monthly series and three-month on three-month series is difficult to quantify.

## 4 . Contributions to growth

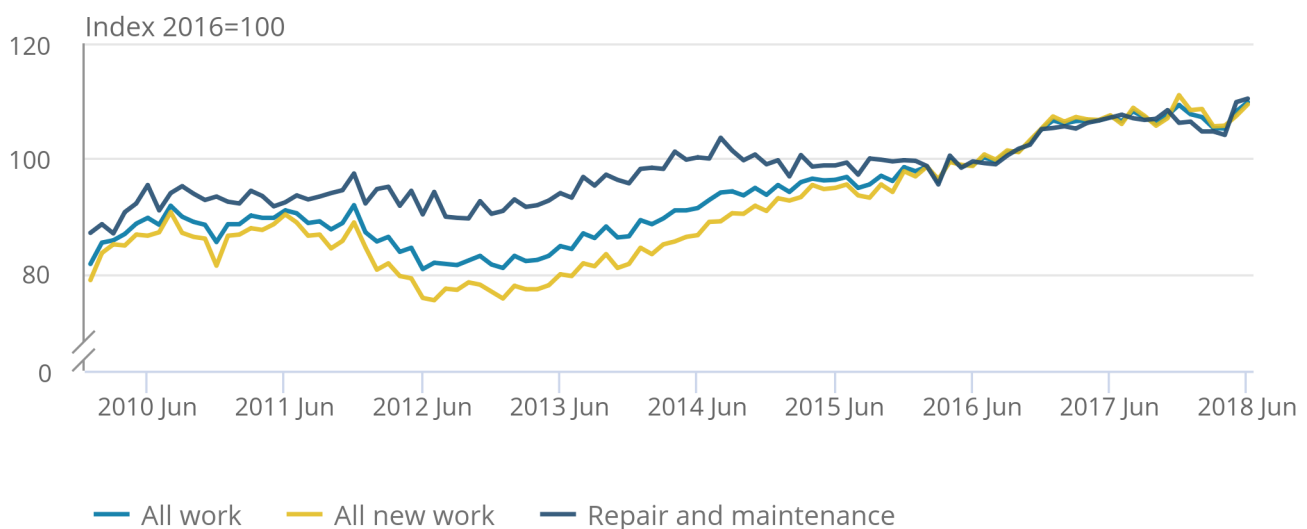
Construction output can be broken down by different types of work; these are categorised into all new work, and repair and maintenance, as shown in Figure 2. It is worth noting that all new work accounts for approximately two-thirds of all work, while repair and maintenance accounts for approximately one-third.

**Figure 2: Components of all work, June 2018**

Chained volume measure, seasonally adjusted, Great Britain

Figure 2: Components of all work, June 2018

Chained volume measure, seasonally adjusted, Great Britain



Source: Construction Output and Employment - Office for National Statistics

Figure 2 shows that since the beginning of 2015, new work, and repair and maintenance have followed a broadly similar pattern. Both repair and maintenance, and new work have risen steadily, resulting in all work reaching a level peak in June 2018.

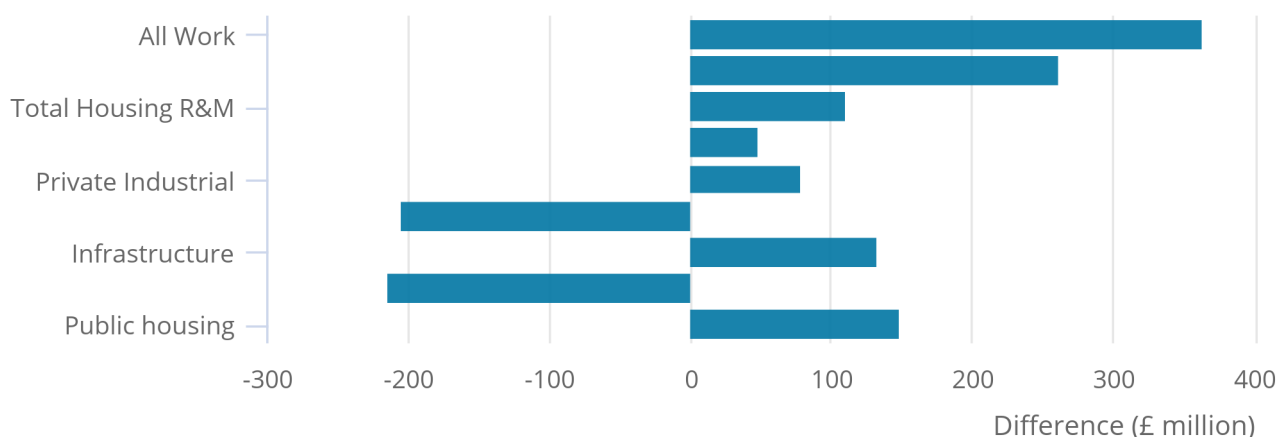
Following four consecutive months of contraction in the month-on-month series at the start of 2018, construction output has bounced back. Following growth of 2.9% in May 2018, construction output increased by 1.4% in June 2018. The month-on-month rise in construction output in June 2018 stemmed from an increase in new work, which increased by 1.9%. In addition, growth was also evident in repair and maintenance work – albeit to a lesser extent than new work – increasing by 0.5% in June 2018.

**Figure 3: Difference in three-month on three-month seasonally adjusted volume from the main construction sectors**

April to June 2018 compared with January to March 2018, Great Britain

Figure 3: Difference in three-month on three-month seasonally adjusted volume from the main construction sectors

April to June 2018 compared with January to March 2018, Great Britain



Source: Construction Output and Employment - Office for National Statistics

Notes:

1. Please note that sector estimates may not sum due to rounding.

Figure 3 shows the difference in the three-month on three-month volume from the different construction sectors in terms of real volume growth, taken from our seasonally adjusted chained volume measure series.

Construction output increased by £364 million in the three months to June 2018. The most notable contribution to growth came from non-housing repair and maintenance – which recovered following a weak start to the year – increasing by £262 million in the three months to June 2018. In addition, public new housing experienced its strongest three-month on three-month growth since September 2010, increasing by £149 million in the three months to June 2018. Other notable increases came from housing repair and maintenance, and infrastructure, which increased by £111 million and £133 million respectively.

As indicated in the construction output in Great Britain for the [February 2018](#) and [March 2018](#) publications, the adverse weather in these months potentially contributed to the three-month on three-month growth in June 2018, although it is difficult to quantify the exact impact on the industry.

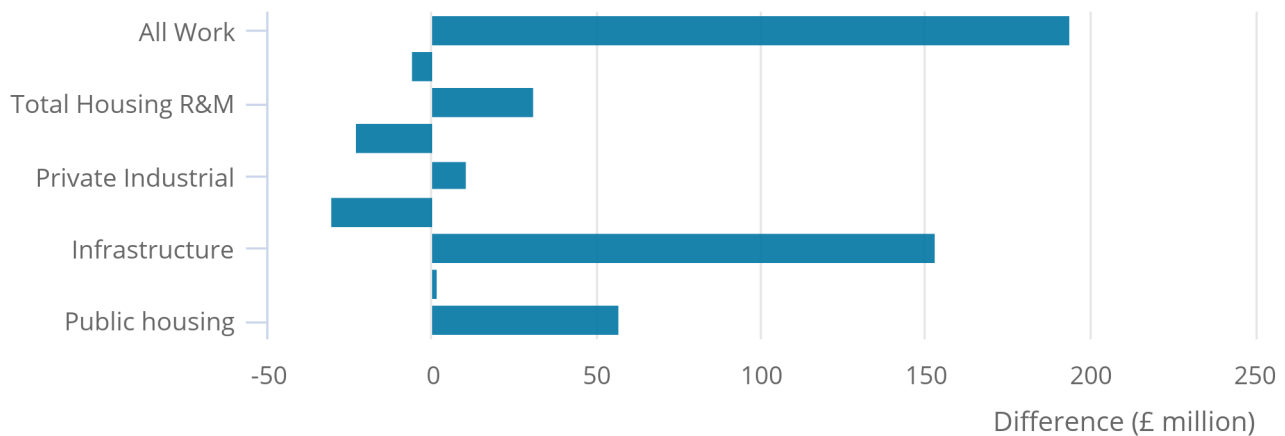
In contrast, only two sectors provided downward pressure on output in the three months to June 2018. Following notable three-month on three-month growth at the start of the year, new private housing work contracted, falling by £214 million in June 2018. Public other new work also continued to fall – which is examined in more detail in Section 5 of this publication – decreasing by £205 million in the three months to June 2018.

**Figure 4: Difference in month-on-month seasonally adjusted volume from the main construction sectors**

June 2018 compared with May 2018, Great Britain

Figure 4: Difference in month-on-month seasonally adjusted volume from the main construction sectors

June 2018 compared with May 2018, Great Britain



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

**Notes:**

1. Please note that sector estimates may not sum due to rounding.

Figure 4 shows the difference in month-on-month volume from the different sectors in terms of real volume growth, taken from our seasonally adjusted chained volume measure series. Compared with the previous month, construction output increased by £194 million in June 2018.

The most notable increase came from infrastructure new work, which grew at its fastest rate since December 2015, increasing by £153 million in June 2018. As was also the case in the three-month on three-month series shown in Figure 3, public housing also experienced notable growth, increasing by £57 million in June 2018.

Elsewhere, the only notable downward pressures on month-on-month growth came from private commercial work and public other new work, which fell by £23 million and £30 million respectively in June 2018.

## 5 . Sector spotlight: Public other new work continues to fall

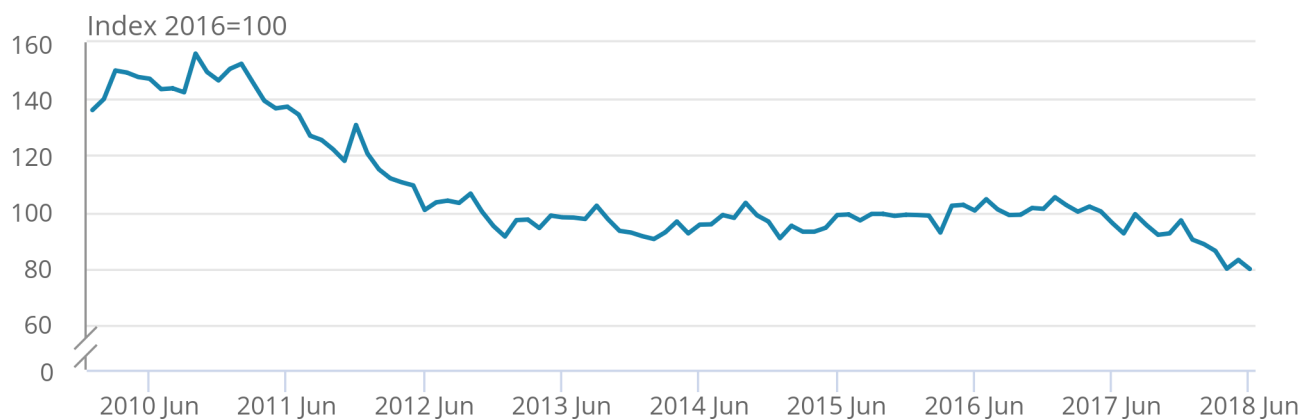
Public other new work is comprised of publicly-funded construction work undertaken in sub-sectors such as health, offices, schools, colleges and universities. At its level peak in October 2010, public other new work contributed 12.8% of all construction work.

**Figure 5: Public other new work, January 2010 to June 2018**

Chained volume measure, seasonally adjusted, Great Britain

Figure 5: Public other new work, January 2010 to June 2018

Chained volume measure, seasonally adjusted, Great Britain



Source: Construction Output and Employment - Office for National Statistics

As can be seen in Figure 5, which shows public other new work from January 2010 to June 2018, public other new work reached a level peak in December 2010. Following this record high, the value of public other new work fell markedly throughout 2011 and 2012, before stabilising from 2013 onwards. However, since the beginning of 2017, public other new work began to fall again.

In contrast to all work – which reached a record high in June 2018 – public other new work continued its recent decline, falling by 8.4% in the three months to June 2018. This three-month on three-month fall represents the 15th consecutive fall in this series, with the most notable declines seen since the start of 2017 in the sub-sectors of health, schools and colleges, as seen in Table 5 of the accompanying [Output in the construction industry dataset](#).

As a result of its continued fall, public other new work is now 17% lower than it was in June 2017 and now only represents 5.3% of total construction work in June 2018.

## 6 . Detailed growth rates

Table 1 provides a detailed description of the growth rates of each work type, alongside the seasonally adjusted chained volume measure level of output.

**Table 1: Construction output main figures, June 2018, Great Britain**

	Seasonally adjusted, volume £ million and percentage change				
	Volume £ million	Most recent month on the previous month	Most recent month on year	Most recent three- months on three- months earlier	Most recent three-months on year
Total all work	13,881	1.4	2.2	0.9	0.8
Total all new work	9,047	1.9	1.8	0	0.5
Total repair and maintenance	4,834	0.5	3.1	2.7	1.4
New housing					
Public	577	11	12.8	10.4	3.2
Private	2,969	0.1	3.9	-2.4	5.5
Other new work					
Infrastructure	1,821	9.2	12.4	2.6	5.4
Excl infrastructure					
Public	734	-4	-17	-8.4	-18.6
Private industrial	457	2.3	8.7	6.2	17.7
Private commercial	2,489	-0.9	-3.9	0.7	-4.3
Repair and maintenance					
Public housing	641	4.7	-0.3	2.1	-0.5
Private housing	1,822	0.1	1.6	1.4	-1.6
Non-housing R&M	2,370	-0.2	5.2	3.9	4.3

Source: Office for National Statistics

Total all work increased to £13,881 million in June 2018. This increase stems from a rise in both all new work, and total repair and maintenance, which grew to £9,047 million and £4,834 million respectively.



In comparison with June 2017, construction output grew by 2.2%. This month-on-year increase occurred as a result of a 3.1% increase in repair and maintenance, and a 1.8% increase in all new work. The notable increase in repair and maintenance work stemmed from a marked rise in non-housing repair and maintenance, which increased by 5.2% compared with the same period in 2017. The increase in all new work stemmed from an increase in infrastructure new work, which grew 12.4%, more than offsetting the continued falls in public other new work and private commercial new work.

Following two consecutive falls in the three-month on year series, construction output recovered in June 2018, increasing by 0.8%. The increases in private housing new work (5.5%), infrastructure new work (5.4%) and non-housing repair and maintenance (4.3%) in June 2018 more than outweighed the three-month on year falls in private commercial and public non housing new work.

## 7 . Revisions

This June 2018 release contains revisions from April 2018 onwards. Month-on-month growth in April 2018 has been revised down 0.1 percentage points, from flat growth to negative 0.1%, due to the receipt of new data. Meanwhile, no revision has been made to top-level construction output in May 2018, despite this period being open for revision. This release represents the second monthly construction output release in which the improved imputation methodology has been used. Whilst little or no revisions can be seen in top-level construction output estimates, some revisions can be seen at the type of work level.

## 8 . Links to related statistics

Output in the construction industry follows the [Eurostat Short Term Statistics \(STS\)](#) regulation for production in construction. Headline volume estimates of construction output are assessed against [Eurostat's handbook on price and volume measures in National Accounts](#). 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, published by Eurostat on 18 July 2018 for May 2018, showed the seasonally adjusted [production in the construction sector \(PDF, 517.2KB\)](#) increased by 0.3% in the Euro area (EA19) and increased by 1.2% in the EU28 when compared with April 2018.

It should be noted that an accurate comparison cannot be made, as Eurostat data are calculated on a 2015 equals 100 basis, while Great Britain data are calculated on a 2016 equals 100 basis.

Outside the EU, the US Census Bureau release [Value of construction put in place \(PDF, 204.9KB\)](#) was published on 1 August 2018. This includes the total dollar value of construction work done in the US.

The [Construction statistics: Number 18, 2017 edition](#) was published on 2 October 2017. This publication contains analysis on the construction sector in 2016, as well as information on [sources and outputs in the industry](#). The next edition of the construction statistics annual publication, titled [Construction statistics: Number 19, 2018 edition](#), is due to be released on 22 August 2018.

## 9 . Other useful links

- [Ministry of Housing, Communities and Local Government](#) (Housing starts and completions)
- [Construction statistics in Northern Ireland](#)

## 10 . Quality and methodology

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.

The [Construction Quality and Methodology Information](#) report contains important information on:

- the strengths and limitations of the data and how it compares with related data
- uses and users of the data
- how the output was created
- the quality of the output including the accuracy of the data

Value Added Tax (VAT) turnover has been used to estimate the output of small- and medium-sized businesses. In this release, VAT turnover has been used for selected industries previously covered by the Monthly Business Survey from Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 2017.

Further information on the use of VAT turnover and its impact can be found in the following articles:

- [VAT turnover implementation into national accounts article](#)
- [VAT turnover data in national accounts: background and methodology](#)

## 11 . Construction statistics development

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 then [Department for 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.

In September 2017, we released the [impact of improvements to construction statistics article](#), which explains and highlights the impact of improvements made to construction statistics, affecting the nominal data series, output price indices and seasonal adjustment. As a result of these improvements, the output price indices are no longer considered to be an interim method.

In addition to the improvements made in September 2017, we have since announced two further methodological improvements to construction output estimates, which have since been implemented. These improvements are detailed in the two articles:

- [Improvements to addressing the bias in early estimates of construction output](#), which were incorporated for the first time in the Quarterly national accounts: January to March 2018 on 29 June 2018
- [Improvements to regional and sub-sector level estimates](#) using new orders data supplied by Barbour ABI, which were incorporated for the first time in the [Construction output in Great Britain: April 2018](#) publication

The overall impact of the improvements to construction statistics that were included in Quarterly national accounts: April to June 2018 are outlined in the article released on 29 June 2018.

The Office for Statistics Regulation is currently in the process of re-assessing the National Statistic status for construction statistics: Output, New orders and Price indices.

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

Index 2016 = 100

	New Housing				Other New Work				Repair and Maintenance				All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I
1997	38.9	51.9	49.9	69.6	50.0	175.6	81.6	68.1	123.0	99.4	106.6	86.8	95.7	77.2
1998	31.5	52.4	49.3	67.7	52.7	178.9	88.5	69.9	114.9	101.5	105.0	87.8	95.4	78.4
1999	27.3	47.2	44.2	65.8	59.4	184.5	99.1	72.0	110.2	100.2	102.5	87.3	94.0	79.3
2000	34.3	52.7	49.9	61.8	56.2	164.7	99.8	72.2	106.7	100.7	101.6	91.9	95.9	80.0
2001	35.1	49.2	47.1	66.1	56.8	168.3	99.1	72.1	100.9	105.1	102.2	100.3	100.7	81.5
2002	39.7	53.6	51.5	74.8	71.8	133.5	102.4	76.5	95.7	113.8	105.7	106.9	105.8	86.1
2003	45.2	66.9	63.7	70.5	90.1	141.0	98.7	81.1	108.2	111.2	108.5	109.9	108.7	90.3
2004	54.3	81.3	77.3	61.5	101.2	145.2	108.8	88.8	118.7	108.0	110.1	105.0	106.8	95.1
2005	51.1	83.7	78.8	59.0	91.1	142.3	104.1	86.3	118.0	98.4	103.5	107.7	105.1	92.8
2006	60.2	83.9	80.4	54.4	83.6	154.3	113.0	88.5	112.9	92.3	97.7	108.0	102.5	93.5
2007	69.5	82.6	80.5	53.7	82.2	150.6	124.3	91.6	107.0	90.0	94.3	110.5	102.1	95.5
2008	62.8	64.1	63.8	59.6	91.5	116.5	125.8	86.7	110.1	91.0	96.0	114.2	104.7	93.0
2009	64.1	44.0	46.8	68.3	110.7	81.8	94.2	73.4	107.1	79.5	87.1	103.1	94.8	80.7
2010	100.3	53.4	60.0	87.0	146.0	90.7	92.3	85.4	116.3	87.1	95.2	88.1	91.8	87.6
2011	102.5	58.3	64.5	94.3	134.9	82.1	94.5	87.4	106.9	87.8	93.1	94.0	93.5	89.5
2012	85.8	56.9	60.9	84.3	106.6	90.0	85.2	78.8	109.2	83.4	90.6	93.6	92.1	83.4
2013	91.4	62.2	66.3	86.2	96.4	81.7	85.2	79.6	104.7	85.3	90.8	97.6	94.0	84.6
2014	120.7	78.0	84.0	84.4	95.7	94.7	90.6	87.8	107.4	93.2	97.1	103.2	100.0	92.0
2015	102.2	87.0	89.1	103.5	96.4	105.7	93.0	94.5	108.0	94.7	98.4	99.8	99.1	96.1
2016	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
2017	121.8	110.0	111.6	105.4	97.7	102.7	107.5	107.3	97.7	109.6	106.3	106.9	106.6	107.1

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.

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

Index 2016 = 100

	New Housing			Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I
2003 Q3	46.0	68.5	65.1	68.8	92.9	141.2	97.9	81.4	117.2	113.3	113.1	111.6	111.7	91.4
Q4	49.3	75.0	71.1	67.6	100.1	150.9	102.6	85.9	113.5	112.4	111.2	108.7	109.3	93.8
2004 Q1	53.9	79.6	75.8	64.1	103.7	152.7	107.8	89.0	121.6	114.1	115.1	110.9	112.2	96.9
Q2	55.3	80.9	77.1	63.1	102.9	146.6	110.3	89.7	117.7	105.8	108.3	103.4	105.2	95.2
Q3	54.7	82.1	78.0	61.0	100.5	142.9	109.8	89.1	115.7	108.4	109.3	101.4	104.5	94.6
Q4	53.3	82.5	78.2	57.9	97.7	138.5	107.2	87.4	119.9	103.9	107.8	104.4	105.4	93.6
2005 Q1	51.1	83.0	78.3	59.1	95.9	136.2	105.5	86.8	125.2	101.5	107.8	110.6	108.7	94.3
Q2	50.1	85.2	80.0	57.7	93.0	141.4	104.7	86.8	124.5	98.4	105.5	108.4	106.5	93.6
Q3	49.1	83.8	78.7	58.8	88.5	144.2	102.6	85.5	111.9	97.6	101.0	106.8	103.5	91.7
Q4	53.9	82.6	78.3	60.5	86.8	147.4	103.5	85.9	110.3	96.1	99.5	105.0	101.8	91.5
2006 Q1	56.6	82.2	78.4	58.4	86.1	154.5	107.8	87.2	110.7	96.0	99.6	105.3	102.0	92.4
Q2	59.4	83.4	79.8	54.2	83.9	152.4	110.1	87.3	109.7	94.5	98.2	109.8	103.7	93.1
Q3	61.9	84.7	81.2	52.6	82.6	152.9	114.7	88.9	116.8	89.8	97.3	106.1	101.3	93.4
Q4	62.8	85.4	82.0	52.4	81.9	157.3	119.2	90.6	114.4	88.8	95.8	110.6	102.9	95.1
2007 Q1	69.4	85.4	83.0	51.7	81.6	159.3	121.5	91.6	114.0	90.9	97.1	112.6	104.6	96.3
Q2	70.9	83.7	81.7	52.7	81.8	158.2	124.1	92.1	105.7	91.7	95.2	109.7	102.1	95.8
Q3	69.5	81.9	80.0	54.2	82.6	148.0	123.6	91.2	101.9	87.4	91.0	108.5	99.5	94.4
Q4	68.4	79.2	77.5	56.0	83.0	136.8	128.1	91.6	106.3	89.8	94.0	111.1	102.2	95.5
2008 Q1	65.5	75.2	73.7	58.3	87.6	134.8	131.7	92.2	106.8	89.5	94.0	115.1	104.1	96.5
Q2	64.6	68.2	67.6	60.5	89.9	120.4	127.1	88.6	113.8	92.0	97.8	119.8	108.4	95.5
Q3	63.0	60.5	60.8	62.0	93.9	111.9	127.2	86.6	111.4	88.2	94.4	114.8	104.3	92.8
Q4	58.2	52.2	53.0	57.8	94.4	99.1	117.2	79.5	108.6	94.1	97.7	107.0	102.1	87.2
2009 Q1	54.4	46.0	47.1	59.0	95.6	85.3	106.2	73.9	101.3	81.6	86.8	103.5	94.8	81.0
Q2	57.0	44.2	45.9	64.3	103.9	79.5	99.8	73.1	105.6	78.5	85.9	100.9	93.1	80.0
Q3	67.0	41.9	45.4	68.7	116.0	78.4	89.3	72.0	113.2	83.9	91.9	108.5	99.9	81.4
Q4	78.0	44.0	48.8	81.2	127.3	83.9	81.7	74.7	108.4	74.1	83.6	99.3	91.2	80.4
2010 Q1	91.5	48.0	54.1	90.5	142.0	86.3	89.8	82.5	116.6	80.7	90.7	84.3	87.6	84.3
Q2	96.6	52.7	58.9	93.2	148.0	89.5	91.6	86.1	119.6	86.0	95.4	90.0	92.8	88.4
Q3	107.9	56.7	63.9	86.9	143.2	103.9	96.4	88.3	115.8	91.6	98.4	88.0	93.4	90.1
Q4	105.1	56.3	63.2	77.4	150.7	83.1	91.2	84.6	113.4	89.9	96.5	90.1	93.4	87.7
2011 Q1	108.7	57.3	64.5	90.2	149.6	81.6	90.4	87.1	108.9	87.2	93.2	92.8	93.0	89.1
Q2	104.7	58.1	64.7	99.6	137.7	84.3	94.4	88.8	108.6	86.5	92.7	92.4	92.5	90.1
Q3	100.6	59.6	65.4	94.1	128.9	80.4	96.1	87.4	104.7	86.7	91.7	94.9	93.3	89.5
Q4	95.8	58.1	63.4	93.2	123.6	82.2	97.2	86.3	105.4	90.6	94.7	95.9	95.3	89.4
2012 Q1	91.2	60.2	64.5	85.9	115.8	88.7	88.8	82.4	106.1	87.9	93.0	95.1	94.0	86.4
Q2	82.2	55.6	59.4	79.8	106.8	88.6	88.3	78.2	108.1	83.5	90.4	94.1	92.2	83.0
Q3	85.7	54.8	59.1	85.2	103.4	87.3	81.2	76.6	111.5	82.5	90.6	92.0	91.3	81.7
Q4	83.9	56.9	60.7	86.3	100.4	95.2	82.6	77.8	111.2	79.7	88.5	93.3	90.8	82.3
2013 Q1	82.1	56.3	59.9	86.1	95.1	90.0	83.5	76.9	107.5	82.3	89.3	94.5	91.8	82.1
Q2	88.3	61.6	65.3	85.8	96.9	79.1	83.0	78.4	103.7	84.2	89.6	96.3	92.8	83.4
Q3	92.8	63.8	67.9	84.9	99.2	78.5	88.2	80.9	102.8	87.2	91.6	98.8	95.1	85.8
Q4	102.4	67.3	72.2	87.9	94.4	79.1	86.3	82.0	104.9	87.7	92.5	100.6	96.4	87.0
2014 Q1	111.6	72.5	78.0	84.4	91.4	87.4	89.1	84.3	106.8	93.3	97.1	99.6	98.3	89.2
Q2	120.4	75.4	81.7	81.3	94.7	98.2	90.0	86.2	107.5	92.7	96.8	104.2	100.4	91.1
Q3	127.9	81.6	88.1	84.1	97.3	98.3	90.4	89.5	108.6	94.8	98.6	104.9	101.7	93.7
Q4	122.9	82.5	88.2	87.8	99.4	95.0	92.8	91.0	106.6	92.0	96.0	103.8	99.8	94.1
2015 Q1	114.9	84.2	88.5	101.6	92.8	105.6	91.3	93.0	108.3	91.4	96.1	102.3	99.1	95.1
Q2	110.0	87.9	91.0	104.9	95.3	102.2	92.5	95.0	108.4	95.5	99.1	98.3	98.7	96.3
Q3	93.1	86.0	87.0	104.2	98.4	110.7	92.1	94.1	108.9	96.0	99.6	98.1	98.9	95.7
Q4	90.8	89.9	90.0	103.2	98.9	104.4	96.0	95.9	106.4	95.9	98.8	100.6	99.7	97.2
2016 Q1	95.0	96.3	96.2	100.4	96.7	96.8	96.9	97.3	105.5	96.3	98.8	96.9	97.9	97.5
Q2	95.6	98.8	98.4	97.1	101.6	104.1	99.1	99.0	101.6	97.3	98.5	100.5	99.5	99.2
Q3	100.5	100.8	100.8	100.5	101.4	96.9	100.7	100.6	95.4	101.4	99.7	99.4	99.6	100.2
Q4	108.9	104.0	104.7	102.0	100.3	102.2	103.2	103.2	97.5	105.0	102.9	103.2	103.1	103.1
2017 Q1	118.0	106.9	108.4	105.3	102.5	97.0	109.6	107.0	97.0	108.0	104.9	105.8	105.4	106.4
Q2	121.5	107.3	109.3	105.2	99.3	100.4	109.2	107.0	98.9	110.1	107.0	106.2	106.6	106.9
Q3	124.5	109.7	111.8	105.8	95.5	108.1	107.3	107.4	97.8	110.1	106.7	107.6	107.1	107.3
Q4	123.1	116.0	117.0	105.3	93.7	105.2	104.0	107.9	97.0	110.3	106.6	107.8	107.2	107.7
2018 Q1	113.5	116.0	115.7	108.0	88.2	111.2	103.8	107.5	96.4	106.9	104.0	106.6	105.3	106.8
Q2	125.3	113.2	114.9	110.9	80.8	118.1	104.5	107.5	98.4	108.4	105.6	110.8	108.1	107.7

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

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

Index 2016 = 100

	New Housing			Other New Work					Repair and Maintenance					All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Excluding Infrastructure				All new work	Housing			Non housing R&M			
				Infra-structure	Public	Private industri-al	Private commerci-al		Public housing	Private housing	Total housing				
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I	
2012 Jul	88.3	54.3	59.1	78.3	103.3	88.5	81.3	75.4	111.4	88.1	94.6	93.7	94.2	81.9	
Aug	84.1	53.1	57.5	91.3	103.9	84.6	82.2	77.4	110.7	81.0	89.3	90.5	89.9	81.7	
Sep	84.6	57.0	60.9	86.0	103.1	88.8	80.3	77.2	112.2	78.4	87.8	91.8	89.7	81.5	
Oct	83.2	56.9	60.6	87.2	106.4	94.1	82.2	78.5	111.8	78.2	87.6	91.7	89.6	82.3	
Nov	83.6	57.8	61.4	87.6	100.0	95.0	82.0	78.1	112.7	79.8	89.0	96.5	92.6	83.1	
Dec	85.0	55.9	60.0	84.1	94.9	96.4	83.5	76.9	109.2	81.2	89.0	91.8	90.4	81.6	
2013 Jan	80.6	54.2	57.9	83.3	91.1	94.6	84.3	75.7	106.8	81.7	88.7	93.3	90.9	81.0	
Feb	83.9	58.4	61.9	86.9	97.0	90.8	82.7	77.9	109.2	82.8	90.1	96.0	92.9	83.1	
Mar	81.7	56.3	59.9	88.3	97.1	84.6	83.4	77.3	106.7	82.4	89.2	94.1	91.6	82.2	
Apr	87.4	60.2	64.1	84.4	94.3	81.3	82.5	77.3	107.5	82.1	89.2	94.7	91.9	82.4	
May	88.2	60.5	64.4	84.1	98.6	77.9	83.5	78.0	102.3	84.4	89.4	96.2	92.7	83.1	
Jun	89.5	63.9	67.5	89.0	98.0	78.0	83.0	79.9	101.3	86.1	90.4	97.9	94.0	84.8	
Jul	91.5	62.4	66.5	85.4	98.0	75.6	85.9	79.6	98.5	86.1	89.6	97.0	93.2	84.3	
Aug	93.0	64.5	68.5	88.0	97.4	86.2	88.0	81.8	106.5	87.6	92.8	101.0	96.8	87.0	
Sep	94.0	64.4	68.6	81.3	102.1	73.6	90.7	81.3	103.5	88.0	92.3	98.5	95.3	86.2	
Oct	103.3	66.9	72.0	90.9	97.2	78.2	88.4	83.4	105.9	87.8	92.8	102.0	97.2	88.2	
Nov	104.0	66.3	71.6	86.5	93.2	76.7	85.2	81.0	104.0	89.2	93.3	99.6	96.3	86.3	
Dec	100.0	68.6	73.1	86.4	92.6	82.3	85.1	81.7	104.8	86.1	91.3	100.4	95.7	86.5	
2014 Jan	107.3	75.2	79.7	86.4	91.3	81.5	87.2	84.5	111.0	90.7	96.3	100.3	98.2	89.3	
Feb	112.6	70.2	76.2	85.4	90.3	88.6	87.8	83.4	104.8	94.9	97.7	99.3	98.4	88.6	
Mar	114.8	72.2	78.2	81.4	92.7	92.2	92.1	85.1	104.8	94.3	97.2	99.3	98.2	89.6	
Apr	112.0	73.7	79.1	80.8	96.5	98.1	90.9	85.6	108.3	94.6	98.4	104.1	101.2	91.0	
May	123.0	75.7	82.4	82.9	92.3	97.8	89.6	86.4	106.4	92.8	96.6	103.3	99.8	91.0	
Jun	126.1	76.8	83.7	80.2	95.4	98.6	89.6	86.7	107.9	90.6	95.4	105.3	100.2	91.4	
Jul	125.2	81.2	87.4	83.6	95.5	98.4	90.6	89.0	108.0	93.0	97.2	103.1	100.0	92.8	
Aug	129.7	81.1	87.9	82.8	98.7	97.4	89.6	89.1	110.1	98.3	101.6	105.7	103.6	94.1	
Sep	128.8	82.6	89.1	85.8	97.8	99.1	91.1	90.5	107.5	93.1	97.1	106.0	101.4	94.3	
Oct	126.1	82.2	88.3	86.8	103.2	92.3	90.2	90.4	105.4	92.6	96.2	103.4	99.7	93.6	
Nov	121.8	84.3	89.6	89.1	98.6	94.2	93.4	91.8	109.4	91.9	96.8	105.0	100.7	94.9	
Dec	120.8	81.2	86.7	87.5	96.5	98.5	95.0	90.9	105.2	91.3	95.2	103.0	99.0	93.7	
2015 Jan	113.2	85.0	89.0	99.7	90.7	108.0	92.5	93.1	109.3	91.2	96.3	103.4	99.7	95.4	
Feb	117.6	82.6	87.5	99.1	94.9	106.1	92.1	92.7	106.8	89.6	94.4	99.7	96.9	94.2	
Mar	113.8	85.0	89.1	106.2	92.9	102.6	89.2	93.3	108.8	93.3	97.6	103.8	100.6	95.9	
Apr	120.2	88.1	92.6	108.0	92.9	104.5	90.1	95.4	105.4	95.0	97.9	99.3	98.6	96.5	
May	105.6	89.5	91.8	104.8	94.3	98.0	91.6	94.7	110.0	95.1	99.3	98.3	98.8	96.2	
Jun	104.3	86.0	88.6	101.8	98.8	104.1	95.6	94.9	109.8	96.3	100.1	97.4	98.8	96.3	
Jul	97.9	86.5	88.1	107.3	99.0	112.7	93.0	95.5	107.8	95.7	99.1	99.6	99.3	96.8	
Aug	89.0	85.5	86.0	103.7	97.0	109.6	92.8	93.6	107.9	95.3	98.8	95.5	97.2	94.9	
Sep	92.5	86.0	86.9	101.6	99.3	109.9	90.6	93.2	110.8	96.8	100.7	99.2	100.0	95.5	
Oct	91.1	88.8	89.1	102.1	99.2	105.3	96.4	95.5	106.8	97.2	99.9	99.8	99.8	97.0	
Nov	89.3	88.0	88.2	97.0	98.5	106.6	96.4	94.2	105.3	96.1	98.7	100.4	99.5	96.1	
Dec	92.0	92.9	92.8	110.3	98.9	101.4	95.2	97.8	107.0	94.4	97.9	101.7	99.7	98.5	
2016 Jan	96.5	93.1	93.5	99.9	98.8	96.8	98.4	96.9	106.0	97.3	99.7	99.4	99.6	97.8	
Feb	92.2	98.8	97.9	102.2	98.5	90.8	98.3	99.8	106.1	95.4	98.3	99.1	98.7	98.6	
Mar	96.4	97.2	97.1	99.2	92.6	102.9	94.0	96.4	104.4	96.1	98.4	92.2	95.5	96.0	
Apr	92.5	100.8	99.7	97.4	102.2	102.9	98.6	99.4	105.9	97.4	99.3	101.8	100.5	99.8	
May	93.9	97.8	97.2	97.8	102.4	108.6	98.9	98.9	101.1	95.8	97.3	99.6	98.4	98.7	
Jun	100.4	97.8	98.2	96.1	100.4	100.7	99.9	98.7	99.2	98.8	98.9	100.1	99.5	98.9	
Jul	100.1	100.4	100.3	101.2	104.5	95.1	100.1	100.7	97.1	100.2	99.3	99.1	99.2	100.2	
Aug	99.3	100.1	99.9	99.0	100.8	96.1	100.2	99.8	93.3	100.2	98.3	99.7	99.0	99.5	
Sep	102.0	102.1	102.1	101.2	98.8	99.5	101.9	101.4	95.9	103.6	101.5	99.5	100.5	101.1	
Oct	104.7	102.1	102.5	98.5	98.9	101.5	101.9	101.1	96.3	100.8	99.5	104.0	101.7	101.3	
Nov	109.1	103.7	104.4	103.5	101.3	103.7	101.9	103.2	95.7	105.7	102.9	101.9	102.4	102.9	
Dec	112.8	106.2	107.2	103.9	100.9	101.4	105.8	105.2	100.6	108.6	106.4	103.7	105.1	105.1	
2017 Jan	115.0	106.8	108.0	110.5	105.1	96.2	107.1	107.3	94.9	108.8	104.9	105.7	105.3	106.6	
Feb	115.3	106.5	107.7	103.4	102.3	95.9	109.9	106.4	97.2	107.1	104.3	106.9	105.6	106.1	
Mar	123.6	107.3	109.6	102.0	100.0	98.9	111.7	107.2	98.8	108.1	105.5	104.9	105.2	106.5	
Apr	115.7	106.5	107.8	105.6	101.9	96.6	109.8	106.8	97.9	109.9	106.6	105.8	106.2	106.6	
May	128.2	105.5	108.7	104.8	100.1	94.2	109.7	106.7	97.0	110.8	107.0	106.2	106.6	106.6	
Jun	120.4	110.0	111.4	105.0	95.9	110.3	108.1	107.5	101.8	109.7	107.5	106.7	107.1	107.3	
Jul	122.8	107.6	109.7	105.1	92.3	106.5	106.9	106.0	98.9	110.9	107.6	107.5	107.6	106.5	
Aug	125.0	111.8	113.7	105.6	99.1	106.1	108.9	108.8	97.9	111.5	107.7	106.3	107.0	108.2	
Sep	125.8	109.8	112.1	106.6	95.2	111.8	106.0	107.4	96.6	107.8	104.7	108.9	106.7	107.1	
Oct	115.6	111.5	112.1	104.5	91.9	110.4	103.1	105.7	97.4	110.1	106.6	107.3	106.9	106.1	
Nov	124.0	116.0	117.1	101.6	92.2	102.9	104.2	107.0	95.6	113.3	108.3	105.2	108.4	107.5	
Dec	129.6	120.6	121.8	109.9	97.0	102.2	104.7	111.0	98.0	107.5	104.8	107.8	106.2	109.3	
2018 Jan	108.8	114.1	113.3	114.3	90.1	112.3	104.9	108.4	98.6	107.8	105.2	107.6	106.4	107.7	
Feb	115.3	120.0	119.4	106.4	88.5	108.2	104.1	108.6	96.5	106.8	104.0	105.5	104.7	107.2	
Mar	116.4	113.9	114.3	103.4	86.0	113.1	102.5	105.6	94.2	106.1	102.8	106.7	104.7	105.3	
Apr	117.7	111.4	112.2	106.6	79.7	117.3	105.0	105.7	96.7	102.4	100.8	107.7	104.1	105.2	
May	122.4	114.2	115.3	108.1	83.0	117.2	104.8	107.4	97.0	111.3	107.3	112.5	109.8	108.2	
Jun	135.8	114.2	117.3	118.0	79.6	119.8	103.8	109.4	101.5	111.4	108.7	112.2	110.4	109.8	

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

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

Index 2016 = 100

	New Housing			Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V
1997	38.9	52.7	50.8	69.0	49.3	172.9	79.8	68.1	123.1	100.2	106.6	82.5	95.0	77.4
1998	31.4	53.2	50.2	67.1	51.9	176.0	86.5	69.8	114.9	102.2	105.8	83.4	95.0	78.6
1999	27.4	48.1	45.2	65.5	58.7	182.4	97.3	71.9	110.7	101.4	104.0	83.3	94.0	79.6
2000	34.3	53.6	50.9	61.3	55.5	162.4	97.7	72.1	106.9	101.6	103.1	87.5	95.5	80.2
2001	35.1	50.0	47.9	65.6	56.0	165.9	97.0	71.8	101.1	106.0	104.6	95.5	100.2	81.6
2002	39.7	54.5	52.4	74.2	70.7	131.5	100.2	76.0	95.9	114.8	109.5	101.7	105.7	86.3
2003	45.2	68.1	64.9	70.0	88.9	139.0	96.6	81.1	108.4	112.2	111.2	104.6	108.0	90.4
2004	54.5	83.0	79.0	61.3	100.2	143.7	106.9	89.2	119.4	109.4	112.2	100.4	106.5	95.2
2005	51.4	85.6	80.8	58.9	90.3	141.1	102.5	86.8	118.8	99.8	105.1	103.1	104.2	92.8
2006	60.8	86.2	82.7	54.5	83.3	153.6	111.7	89.2	114.2	94.0	99.7	103.8	101.7	93.5
2007	70.4	85.1	83.1	54.0	82.2	150.5	123.4	92.3	108.6	92.0	96.6	106.6	101.4	95.5
2008	63.7	66.2	65.8	60.1	91.6	116.6	125.0	87.1	112.0	93.2	98.4	110.3	104.2	93.0
2009	65.0	45.4	48.2	68.8	110.8	81.8	93.6	73.7	108.8	81.4	89.0	99.5	94.1	80.8
2010	100.3	53.4	60.0	87.0	146.0	90.7	92.3	85.4	116.3	87.1	95.2	88.1	91.8	87.6
2011	102.5	58.3	64.5	94.3	134.9	82.1	94.5	87.4	106.9	87.8	93.1	94.0	93.5	89.5
2012	85.8	56.9	60.9	84.3	106.6	90.0	85.2	78.8	109.2	83.4	90.6	93.6	92.1	83.4
2013	91.4	62.2	66.3	86.2	96.4	81.7	85.2	79.6	104.7	85.3	90.8	97.6	94.0	84.6
2014	120.7	78.0	84.0	84.4	95.7	94.7	90.6	87.8	107.4	93.2	97.1	103.2	100.0	92.0
2015	102.2	87.0	89.1	103.5	96.4	105.7	93.0	94.5	108.0	94.7	98.4	99.8	99.1	96.1
2016	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
2017	121.8	110.0	111.6	105.4	97.7	102.7	107.5	107.3	97.7	109.6	106.3	106.9	106.6	107.1

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.Q CONSTRUCTION OUTPUT: VOLUME NON-SEASONALLY ADJUSTED INDEX NUMBERS BY SECTOR

Index 2016 = 100

	New Housing				Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Non housing R&M			
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing				
	MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V	
2003 Q3	45.9	70.3	66.9	69.7	91.9	139.6	96.3	82.1	117.2	115.7	116.1	108.5	112.5	92.6	
Q4	46.3	76.8	72.5	66.5	100.4	153.1	102.3	86.8	110.8	114.3	113.3	104.8	109.2	94.6	
2004 Q1	55.8	80.6	77.1	62.9	101.2	149.4	104.4	88.4	127.9	113.6	117.6	105.0	111.5	96.4	
Q2	58.0	82.5	79.0	63.4	101.7	143.7	108.2	90.1	117.7	106.8	109.8	96.5	103.4	94.7	
Q3	54.3	84.6	80.3	62.0	100.0	141.1	108.5	90.1	115.3	110.8	112.0	99.0	105.8	95.5	
Q4	50.1	84.5	79.7	56.9	97.9	140.5	106.6	88.1	116.7	106.4	109.3	101.0	105.3	94.0	
2005 Q1	53.4	84.2	79.9	58.2	94.6	135.0	103.0	86.7	132.4	101.0	109.8	105.1	107.5	93.9	
Q2	52.4	87.1	82.2	58.0	91.7	138.9	102.6	87.3	123.6	99.4	106.2	101.1	103.7	93.0	
Q3	48.6	86.6	81.3	60.1	88.1	141.8	101.8	86.8	111.6	99.6	103.0	104.5	103.7	92.7	
Q4	51.1	84.4	79.7	59.3	86.7	148.8	102.5	86.5	107.8	99.2	101.6	101.7	101.7	91.8	
2006 Q1	59.3	83.7	80.2	57.6	85.5	154.7	105.9	87.5	117.1	95.5	101.5	100.3	100.9	92.1	
Q2	61.9	85.7	82.4	54.9	82.8	150.0	107.9	87.8	108.8	96.0	99.6	102.7	101.1	92.4	
Q3	61.9	88.0	84.3	54.1	82.9	150.7	114.7	90.4	117.7	91.7	99.0	104.4	101.6	94.3	
Q4	60.1	87.6	83.7	51.6	82.2	159.1	118.3	91.1	113.3	92.9	98.6	107.8	103.0	95.2	
2007 Q1	72.3	87.4	85.3	51.2	81.3	160.4	119.9	92.0	119.5	90.3	98.4	107.8	102.9	95.8	
Q2	73.3	86.7	84.8	53.8	80.9	156.3	122.2	92.7	105.2	93.9	97.1	103.1	100.0	95.2	
Q3	70.1	85.3	83.2	55.8	83.2	146.3	124.5	93.0	104.0	89.2	93.3	107.1	100.0	95.4	
Q4	65.8	81.1	79.0	55.0	83.5	139.1	127.0	91.7	105.9	94.6	97.7	108.5	102.9	95.6	
2008 Q1	67.7	77.2	75.9	57.8	87.3	135.8	130.1	92.3	110.6	88.7	94.8	110.5	102.4	95.8	
Q2	66.5	70.8	70.2	62.0	89.0	118.0	125.2	88.9	113.9	94.4	99.9	112.7	106.1	94.9	
Q3	64.2	63.4	63.5	63.8	94.6	111.0	128.9	88.2	115.5	90.3	97.3	113.6	105.1	94.1	
Q4	56.4	53.3	53.7	56.7	95.5	101.6	115.9	79.2	107.9	99.3	101.7	104.5	103.1	87.4	
2009 Q1	56.4	47.0	48.3	58.7	95.1	85.3	103.9	73.3	103.9	80.3	86.9	99.2	92.8	80.0	
Q2	59.2	46.0	47.8	66.3	103.1	77.3	98.6	73.5	106.5	80.7	87.9	95.0	91.3	79.7	
Q3	68.4	43.9	47.4	70.4	115.9	77.7	91.2	73.4	118.0	85.8	94.7	107.0	100.6	82.8	
Q4	76.0	44.9	49.3	79.7	129.0	87.1	80.8	74.7	106.9	78.9	86.7	97.0	91.6	80.6	
2010 Q1	86.5	43.7	49.7	85.8	131.1	83.9	83.3	76.9	120.3	73.1	86.3	82.9	84.6	79.5	
Q2	100.5	54.9	61.3	94.1	145.8	90.8	90.4	86.6	114.9	85.2	93.5	87.4	90.6	88.0	
Q3	108.1	57.6	64.7	88.5	155.3	105.0	101.2	91.6	116.2	94.0	100.2	93.6	97.0	93.5	
Q4	106.0	57.6	64.4	79.6	151.6	83.1	94.2	86.5	113.9	95.9	100.9	88.5	94.9	89.4	
2011 Q1	103.2	52.6	59.7	87.1	139.5	80.0	84.9	81.9	114.7	81.3	90.6	91.6	91.1	85.1	
Q2	108.6	60.9	67.6	100.4	136.7	85.6	93.3	89.7	104.2	86.0	91.1	89.9	90.5	90.0	
Q3	101.1	60.6	66.3	95.3	140.2	81.0	100.6	90.5	104.4	88.7	93.1	100.8	96.8	92.7	
Q4	97.1	59.1	64.4	94.2	123.4	81.9	99.3	87.5	104.4	95.0	97.6	93.7	95.7	90.3	
2012 Q1	85.9	55.4	59.7	82.3	107.7	86.8	83.7	77.5	111.9	83.4	91.4	93.8	92.5	82.7	
Q2	86.0	58.4	62.2	80.3	106.0	89.7	87.5	79.1	103.7	82.4	88.3	91.6	89.9	82.8	
Q3	86.0	55.4	59.7	86.3	111.8	88.7	84.7	79.0	110.6	83.5	91.0	97.0	93.9	84.2	
Q4	85.1	58.3	62.1	88.4	101.0	94.6	85.0	79.5	110.7	84.4	91.7	92.2	91.9	83.8	
2013 Q1	76.9	51.6	55.2	82.7	88.2	86.3	78.6	72.2	112.1	74.6	85.1	92.5	88.6	77.9	
Q2	92.0	64.2	68.1	86.0	95.8	81.3	82.0	79.2	99.9	84.7	89.0	93.7	91.2	83.4	
Q3	93.1	64.5	68.5	86.2	107.2	80.4	91.9	83.5	103.0	89.5	93.3	104.5	98.7	88.7	
Q4	103.6	68.6	73.5	89.9	94.3	78.6	88.4	83.4	104.0	92.5	95.7	99.6	97.6	88.3	
2014 Q1	106.5	66.5	72.1	80.7	84.5	84.8	84.3	79.2	111.5	86.9	93.7	97.3	95.5	84.8	
Q2	124.0	78.7	85.1	81.4	93.6	98.8	89.1	87.1	104.0	92.2	95.5	101.5	98.4	91.0	
Q3	128.2	82.6	89.0	85.6	105.4	101.3	94.3	92.3	108.8	97.3	100.5	110.8	105.4	96.9	
Q4	124.0	84.3	89.9	89.8	99.5	94.0	94.6	92.5	105.2	96.4	98.9	103.0	100.9	95.4	
2015 Q1	109.9	77.6	82.1	97.7	85.8	100.8	86.7	87.6	113.6	84.8	92.9	100.0	96.3	90.6	
Q2	113.6	91.7	94.8	104.5	94.2	102.8	91.7	96.0	105.1	95.1	97.9	95.9	96.9	96.3	
Q3	93.3	87.0	87.9	106.1	106.6	115.6	96.0	97.0	109.0	98.7	101.6	103.4	102.5	98.9	
Q4	91.9	91.8	91.8	105.5	98.8	103.7	97.5	97.4	104.2	100.0	101.2	100.1	100.6	98.5	
2016 Q1	90.2	89.2	89.4	96.4	89.2	90.6	92.6	91.7	112.0	90.2	96.2	94.7	95.5	93.0	
Q2	99.2	103.2	102.7	96.6	100.6	106.0	98.5	100.2	98.3	97.7	97.8	98.0	97.9	99.4	
Q3	100.7	101.8	101.7	102.6	110.1	102.0	105.0	103.8	95.1	103.9	101.4	104.9	103.1	103.5	
Q4	110.0	105.7	106.3	104.4	100.1	101.4	103.9	104.3	94.6	108.3	104.5	102.3	103.4	104.0	
2017 Q1	112.2	99.9	101.6	101.0	95.3	91.3	104.6	101.2	102.8	102.2	102.4	104.4	103.4	101.9	
Q2	125.5	111.3	113.3	104.7	97.8	100.8	108.9	108.1	96.4	109.2	105.6	103.1	104.4	106.8	
Q3	124.8	110.4	112.4	107.9	103.1	113.7	111.4	110.3	96.9	112.7	108.3	112.5	110.3	110.3	
Q4	124.5	118.4	119.3	108.0	94.8	104.9	105.2	109.7	94.6	114.3	108.8	107.4	108.1	109.2	
2018 Q1	108.0	107.0	107.1	103.0	81.6	104.3	99.2	101.1	101.9	99.8	100.4	103.7	102.0	101.4	
Q2	130.4	119.0	120.6	109.3	80.9	119.0	104.7	109.4	96.3	110.3	106.4	108.9	107.6	108.8	

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

£ million

	New Housing			Other New Work					Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M			
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing				
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A	
1997	1 986	16 188	18 123	12 899	5 532	8 027	23 486	67 604	9 326	19 512	29 009	22 006	50 285	117 188	
1998	1 608	16 350	17 900	12 542	5 830	8 178	25 453	69 383	8 712	19 920	28 578	22 249	50 159	118 928	
1999	1 395	14 708	16 049	12 192	6 562	8 437	28 499	71 460	8 357	19 673	27 904	22 125	49 412	120 424	
2000	1 750	16 432	18 125	11 440	6 216	7 531	28 716	71 591	8 087	19 762	27 633	23 288	50 429	121 481	
2001	1 791	15 339	17 079	12 251	6 274	7 694	28 510	71 525	7 649	20 631	27 819	25 420	52 917	123 639	
2002	2 027	16 716	18 689	13 853	7 939	6 104	29 451	75 923	7 257	22 340	28 754	27 098	55 589	130 729	
2003	2 307	20 867	23 103	13 059	9 961	6 445	28 380	80 491	8 204	21 826	29 531	27 854	57 121	137 017	
2004	2 770	25 355	28 039	11 396	11 186	6 638	31 299	88 114	9 002	21 203	29 958	26 624	56 159	144 296	
2005	2 606	26 096	28 608	10 931	10 066	6 506	29 941	85 567	8 945	19 313	28 150	27 306	55 257	140 782	
2006	3 071	26 175	29 162	10 077	9 245	7 054	32 497	87 793	8 560	18 113	26 592	27 370	53 878	141 872	
2007	3 547	25 749	29 222	9 937	9 090	6 885	35 767	90 885	8 110	17 660	25 671	28 010	53 659	144 935	
2008	3 205	19 981	23 138	11 046	10 111	5 329	36 189	86 040	8 348	17 857	26 116	28 941	55 045	141 144	
2009	3 270	13 730	16 987	12 653	12 237	3 740	27 111	72 860	8 119	15 611	23 692	26 128	49 812	122 519	
2010	5 117	16 668	21 785	16 113	16 136	4 147	26 542	84 722	8 819	17 089	25 908	22 336	48 244	132 966	
2011	5 228	18 176	23 405	17 459	14 917	3 755	27 189	86 724	8 104	17 226	25 330	23 838	49 168	135 892	
2012	4 376	17 737	22 113	15 613	11 786	4 113	24 513	78 137	8 280	16 376	24 656	23 742	48 397	126 534	
2013	4 665	19 406	24 070	15 965	10 655	3 734	24 520	78 945	7 940	16 754	24 695	24 734	49 429	128 373	
2014	6 158	24 335	30 492	15 629	10 583	4 331	26 059	87 094	8 141	18 292	26 433	26 152	52 584	139 678	
2015	5 215	27 137	32 351	19 166	10 653	4 834	26 743	93 747	8 187	18 585	26 772	25 313	52 085	145 832	
2016	5 102	31 189	36 291	18 521	11 055	4 572	28 768	99 208	7 581	19 630	27 211	25 353	52 564	151 772	
2017	6 213	34 303	40 516	19 520	10 805	4 694	30 932	106 466	7 404	21 518	28 922	27 092	56 014	162 480	

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

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

£ million

		New Housing			Other New Work					Repair and Maintenance				All Repair and Maintenance All Work	
		Public housing	Private housing	Total new housing	Excluding Infrastructure					Housing					
					Infra-structure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A	
2003	Q3	586	5 339	5 908	3 187	2 566	1 615	7 038	20 185	2 222	5 558	7 693	7 072	14 681	34 671
	Q4	629	5 845	6 454	3 132	2 767	1 725	7 376	21 309	2 151	5 514	7 562	6 886	14 359	35 603
2004	Q1	688	6 210	6 876	2 969	2 865	1 745	7 755	22 083	2 305	5 599	7 827	7 026	14 750	36 773
	Q2	706	6 307	6 992	2 923	2 843	1 676	7 934	22 257	2 231	5 190	7 368	6 555	13 820	36 121
	Q3	697	6 404	7 079	2 822	2 779	1 634	7 898	22 109	2 193	5 318	7 433	6 427	13 738	35 887
	Q4	679	6 434	7 091	2 682	2 699	1 583	7 713	21 666	2 273	5 097	7 330	6 616	13 851	35 515
2005	Q1	652	6 475	7 104	2 739	2 651	1 556	7 588	21 522	2 373	4 979	7 336	7 011	14 286	35 762
	Q2	640	6 642	7 258	2 671	2 570	1 617	7 533	21 529	2 360	4 828	7 180	6 871	13 991	35 502
	Q3	626	6 536	7 138	2 720	2 446	1 648	7 378	21 205	2 121	4 789	6 868	6 769	13 597	34 802
	Q4	688	6 443	7 108	2 801	2 398	1 685	7 442	21 310	2 091	4 717	6 767	6 655	13 382	34 717
2006	Q1	722	6 413	7 114	2 703	2 379	1 767	7 751	21 621	2 097	4 712	6 774	6 672	13 407	35 066
	Q2	758	6 501	7 238	2 509	2 319	1 742	7 919	21 658	2 080	4 636	6 682	6 961	13 630	35 308
	Q3	790	6 601	7 369	2 436	2 284	1 748	8 252	22 041	2 214	4 407	6 616	6 726	13 315	35 424
	Q4	801	6 662	7 442	2 428	2 263	1 798	8 574	22 472	2 169	4 357	6 519	7 011	13 527	36 074
2007	Q1	885	6 661	7 526	2 394	2 254	1 821	8 737	22 714	2 160	4 462	6 608	7 137	13 740	36 524
	Q2	804	6 526	7 412	2 438	2 260	1 808	8 923	22 836	2 003	4 502	6 474	6 950	13 415	36 356
	Q3	886	6 388	7 256	2 510	2 283	1 692	8 892	22 626	1 932	4 288	6 192	6 880	13 069	35 816
	Q4	872	6 174	7 029	2 595	2 293	1 564	9 216	22 709	2 015	4 408	6 397	7 043	13 435	36 238
2008	Q1	836	5 867	6 686	2 698	2 422	1 541	9 475	22 858	2 023	4 394	6 393	7 294	13 685	36 625
	Q2	824	5 321	6 132	2 802	2 486	1 376	9 140	21 980	2 157	4 517	6 654	7 591	14 244	36 224
	Q3	803	4 721	5 513	2 872	2 595	1 279	9 146	21 477	2 110	4 327	6 422	7 277	13 700	35 195
	Q4	742	4 072	4 806	2 674	2 609	1 133	8 428	19 725	2 057	4 619	6 648	6 780	13 416	33 101
2009	Q1	694	3 585	4 273	2 731	2 641	975	7 640	18 317	1 919	4 006	5 908	6 558	12 460	30 744
	Q2	727	3 445	4 166	2 978	2 872	909	7 176	18 142	2 001	3 854	5 846	6 397	12 240	30 357
	Q3	855	3 271	4 124	3 183	3 205	897	6 421	17 863	2 145	4 115	6 250	6 880	13 129	30 898
	Q4	995	3 429	4 424	3 762	3 519	959	5 874	18 538	2 054	3 635	5 689	6 294	11 983	30 521
2010	Q1	1 167	3 746	4 913	4 190	3 924	986	6 460	20 473	2 209	3 958	6 167	5 342	11 509	31 982
	Q2	1 232	4 112	5 345	4 315	4 091	1 023	6 585	21 360	2 266	4 221	6 487	5 706	12 192	33 552
	Q3	1 377	4 421	5 797	4 022	3 956	1 188	6 935	21 899	2 195	4 497	6 692	5 579	12 271	34 170
	Q4	1 341	4 389	5 729	3 586	4 164	949	6 562	20 991	2 149	4 413	6 562	5 709	12 271	33 262
2011	Q1	1 387	4 464	5 851	4 177	4 134	932	6 503	21 597	2 063	4 279	6 343	5 883	12 226	33 823
	Q2	1 336	4 531	5 867	4 610	3 805	964	6 788	22 033	2 057	4 245	6 303	5 856	12 159	34 193
	Q3	1 284	4 649	5 933	4 358	3 562	918	6 910	21 681	1 985	4 256	6 241	6 018	12 259	33 940
	Q4	1 222	4 532	5 754	4 314	3 416	940	6 989	21 412	1 998	4 445	6 444	6 081	12 524	33 936
2012	Q1	1 163	4 691	5 854	3 977	3 200	1 014	6 384	20 429	2 011	4 315	6 326	6 028	12 354	32 783
	Q2	1 049	4 339	5 388	3 693	2 952	1 013	6 349	19 395	2 049	4 098	6 148	5 965	12 113	31 508
	Q3	1 093	4 273	5 365	3 946	2 859	998	5 842	19 010	2 112	4 049	6 161	5 833	11 994	31 004
	Q4	1 071	4 434	5 505	3 996	2 775	1 088	5 938	19 302	2 108	3 913	6 021	5 915	11 937	31 239
2013	Q1	1 047	4 388	5 435	3 989	2 628	1 029	6 004	19 085	2 038	4 038	6 076	5 989	12 065	31 150
	Q2	1 127	4 800	5 927	3 974	2 679	904	5 969	19 452	1 966	4 133	6 099	6 103	12 201	31 653
	Q3	1 184	4 973	6 157	3 931	2 740	897	6 343	20 069	1 949	4 280	6 229	6 264	12 493	32 561
	Q4	1 307	5 245	6 552	4 070	2 608	904	6 205	20 339	1 988	4 303	6 291	6 379	12 670	33 008
2014	Q1	1 423	5 655	7 078	3 907	2 527	999	6 405	20 916	2 024	4 579	6 603	6 315	12 918	33 835
	Q2	1 535	5 878	7 413	3 763	2 618	1 122	6 473	21 390	2 038	4 548	6 586	6 606	13 192	34 583
	Q3	1 632	6 365	7 997	3 894	2 690	1 124	6 504	22 208	2 057	4 652	6 710	6 651	13 360	35 569
	Q4	1 568	6 437	8 004	4 064	2 748	1 086	6 676	22 579	2 021	4 513	6 534	6 580	13 114	35 692
2015	Q1	1 465	6 567	8 032	4 706	2 565	1 207	6 564	23 074	2 053	4 484	6 536	6 485	13 021	36 096
	Q2	1 403	6 853	8 256	4 857	2 635	1 168	6 650	23 565	2 055	4 686	6 741	6 233	12 973	36 539
	Q3	1 188	6 707	7 894	4 826	2 720	1 266	6 627	23 333	2 063	4 709	6 773	6 218	12 990	36 324
	Q4	1 158	7 010	8 169	4 777	2 732	1 194	6 902	23 774	2 016	4 706	6 722	6 378	13 100	36 874
2016	Q1	1 212	7 512	8 725	4 650	2 671	1 107	6 970	24 122	1 999	4 725	6 724	6 141	12 865	36 988
	Q2	1 220	7 704	8 924	4 498	2 809	1 190	7 130	24 550	1 925	4 776	6 701	6 369	13 070	37 620
	Q3	1 281	7 862	9 143	4 653	2 801	1 107	7 245	24 950	1 808	4 974	6 782	6 301	13 083	38 033
	Q4	1 389	8 110	9 499	4 722	2 773	1 168	7 422	25 585	1 848	5 155	7 003	6 542	13 545	39 130
2017	Q1	1 505	8 333	9 838	4 875	2 832	1 109	7 881	26 535	1 838	5 300	7 138	6 708	13 846	40 381
	Q2	1 549	8 368	9 917	4 869	2 744	1 147	7 854	26 533	1 874	5 404	7 279	6 732	14 010	40 543
	Q3	1 588	8 557	10 145	4 897	2 640	1 236	7 717	26 635	1 853	5 402	7 255	6 817	14 073	40 707
	Q4	1 570	9 045	10 615	4 878	2 589	1 202	7 479	26 764	1 839	5 412	7 250	6 835	14 086	40 849
2018	Q1	1 448	9 045	10 493	5 003	2 437	1 271	7 468	26 672	1 827	5 247	7 074	6 758	13 832	40 504
	Q2	1 598	8 830	10 428	5 135	2 233	1 350	7 518	26 663	1 865	5 319	7 184	7 021	14 205	40 868

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

£ million

	New Housing			Other New Work					Repair and Maintenance				All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N
1997	1 984	16 450	18 434	12 788	5 451	7 905	22 967	67 545	9 333	19 663	28 996	20 928	49 924	117 469
1998	1 604	16 602	18 206	12 426	5 739	8 047	24 878	69 296	8 714	20 064	28 777	21 146	49 923	119 220
1999	1 396	15 002	16 398	12 133	6 490	8 339	27 978	71 339	8 393	19 902	28 295	21 120	49 415	120 754
2000	1 750	16 718	18 467	11 356	6 132	7 426	28 120	71 501	8 104	19 944	28 048	22 172	50 220	121 721
2001	1 790	15 606	17 396	12 152	6 187	7 586	27 908	71 229	7 661	20 811	28 472	24 200	52 672	123 901
2002	2 025	16 993	19 018	13 739	7 821	6 011	28 816	75 405	7 267	22 526	29 793	25 785	55 578	130 983
2003	2 308	21 235	23 544	12 959	9 826	6 356	27 793	80 479	8 220	22 026	30 246	26 528	56 774	137 253
2004	2 783	25 898	28 681	11 355	11 077	6 570	30 764	88 447	9 051	21 475	30 526	25 445	55 971	144 418
2005	2 621	26 699	29 320	10 910	9 981	6 453	29 480	86 144	9 009	19 597	28 606	26 143	54 750	140 894
2006	3 102	26 895	29 997	10 099	9 211	7 025	32 132	88 465	8 659	18 460	27 118	26 317	53 435	141 900
2007	3 592	26 553	30 145	9 995	9 088	6 883	35 493	91 604	8 235	18 060	26 296	27 029	53 325	144 929
2008	3 250	20 638	23 889	11 128	10 125	5 333	35 969	86 442	8 489	18 293	26 781	27 972	54 753	141 196
2009	3 316	14 172	17 488	12 740	12 245	3 741	26 932	73 146	8 249	15 979	24 228	25 238	49 466	122 612
2010	5 117	16 668	21 785	16 113	16 136	4 147	26 542	84 722	8 819	17 089	25 908	22 336	48 244	132 966
2011	5 228	18 176	23 405	17 459	14 917	3 755	27 189	86 724	8 104	17 226	25 330	23 838	49 168	135 892
2012	4 376	17 737	22 113	15 613	11 786	4 113	24 513	78 137	8 280	16 376	24 656	23 742	48 397	126 534
2013	4 665	19 406	24 070	15 965	10 655	3 734	24 520	78 945	7 940	16 754	24 695	24 734	49 429	128 373
2014	6 158	24 335	30 492	15 629	10 583	4 331	26 059	87 094	8 141	18 292	26 433	26 152	52 584	139 678
2015	5 215	27 137	32 351	19 166	10 653	4 834	26 743	93 747	8 187	18 585	26 772	25 313	52 085	145 832
2016	5 102	31 189	36 291	18 521	11 055	4 572	28 768	99 208	7 581	19 630	27 211	25 353	52 564	151 772
2017	6 213	34 303	40 516	19 520	10 805	4 694	30 932	106 466	7 404	21 518	28 922	27 092	56 014	162 480

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.

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

£ million

	New Housing				Other New Work				Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N
2003 Q3	585	5 483	6 068	3 225	2 540	1 596	6 929	20 359	2 222	5 678	7 900	6 877	14 777	35 136
Q4	591	5 985	6 575	3 078	2 775	1 750	7 357	21 536	2 099	5 610	7 709	6 641	14 351	35 886
2004 Q1	712	6 283	6 995	2 911	2 796	1 708	7 511	21 922	2 424	5 575	7 999	6 652	14 651	36 573
Q2	740	6 430	7 169	2 934	2 811	1 642	7 781	22 338	2 230	5 243	7 472	6 117	13 590	35 928
Q3	693	6 595	7 288	2 873	2 763	1 613	7 804	22 340	2 186	5 436	7 622	6 276	13 898	36 238
Q4	639	6 591	7 229	2 636	2 707	1 606	7 668	21 847	2 211	5 222	7 433	6 399	13 832	35 678
2005 Q1	681	6 568	7 249	2 695	2 615	1 544	7 406	21 508	2 510	4 958	7 468	6 663	14 131	35 639
Q2	668	6 793	7 461	2 687	2 535	1 587	7 381	21 651	2 343	4 880	7 223	6 406	13 629	35 280
Q3	620	6 754	7 374	2 781	2 436	1 621	7 319	21 531	2 114	4 890	7 004	6 626	13 630	35 161
Q4	651	6 584	7 235	2 747	2 395	1 701	7 374	21 453	2 042	4 869	6 912	6 448	13 360	34 813
2006 Q1	757	6 523	7 280	2 666	2 362	1 769	7 614	21 690	2 219	4 687	6 906	6 357	13 263	34 953
Q2	790	6 686	7 476	2 541	2 289	1 715	7 760	21 780	2 061	4 711	6 773	6 510	13 282	35 062
Q3	790	6 858	7 648	2 503	2 290	1 723	8 249	22 412	2 231	4 502	6 733	6 618	13 351	35 763
Q4	766	6 828	7 594	2 390	2 271	1 819	8 510	22 584	2 148	4 559	6 707	6 831	13 538	36 121
2007 Q1	923	6 813	7 735	2 373	2 246	1 834	8 621	22 808	2 265	4 432	6 696	6 830	13 526	36 334
Q2	935	6 761	7 697	2 491	2 236	1 786	8 788	22 999	1 994	4 610	6 604	6 534	13 138	36 137
Q3	894	6 654	7 548	2 584	2 299	1 672	8 951	23 054	1 970	4 377	6 347	6 788	13 135	36 190
Q4	840	6 325	7 165	2 547	2 307	1 591	9 133	22 743	2 006	4 642	6 648	6 877	13 525	36 268
2008 Q1	864	6 019	6 883	2 679	2 413	1 553	9 358	22 886	2 096	4 353	6 449	7 006	13 456	36 341
Q2	848	5 523	6 371	2 870	2 459	1 349	9 003	22 052	2 159	4 635	6 794	7 143	13 938	35 990
Q3	818	4 942	5 760	2 954	2 614	1 269	9 272	21 869	2 188	4 430	6 619	7 198	13 817	35 686
Q4	719	4 155	4 874	2 625	2 638	1 162	8 336	19 636	2 046	4 874	6 920	6 624	13 543	33 179
2009 Q1	719	3 661	4 380	2 717	2 628	975	7 474	18 175	1 969	3 940	5 909	6 288	12 198	30 373
Q2	755	3 585	4 340	3 069	2 849	883	7 088	18 230	2 017	3 959	5 977	6 023	12 000	30 230
Q3	873	3 423	4 296	3 262	3 202	888	6 557	18 205	2 235	4 210	6 445	6 781	13 226	31 431
Q4	970	3 502	4 472	3 692	3 565	995	5 812	18 536	2 026	3 870	5 896	6 146	12 042	30 578
2010 Q1	1 103	3 410	4 513	3 974	3 624	959	5 991	19 061	2 279	3 588	5 868	5 254	11 121	30 183
Q2	1 282	4 278	5 559	4 359	4 030	1 038	6 501	21 487	2 178	4 183	6 361	5 541	11 902	33 389
Q3	1 379	4 488	5 867	4 096	4 292	1 200	7 277	22 730	2 202	4 614	6 816	5 929	12 746	35 476
Q4	1 353	4 492	5 845	3 684	4 190	950	6 773	21 443	2 159	4 704	6 863	5 612	12 475	33 918
2011 Q1	1 316	4 097	5 413	4 034	3 854	914	6 105	20 321	2 173	3 987	6 160	5 808	11 968	32 289
Q2	1 385	4 748	6 133	4 648	3 778	979	6 711	22 249	1 974	4 221	6 195	5 700	11 895	34 143
Q3	1 289	4 723	6 012	4 413	3 874	925	7 232	22 457	1 979	4 354	6 332	6 391	12 723	35 181
Q4	1 238	4 608	5 846	4 364	3 411	936	7 141	21 697	1 978	4 664	6 642	5 939	12 582	34 279
2012 Q1	1 096	4 323	5 419	3 809	2 977	992	6 019	19 216	2 121	4 095	6 216	5 945	12 161	31 377
Q2	1 098	4 550	5 647	3 716	2 928	1 025	6 293	19 610	1 965	4 043	6 008	5 805	11 813	31 423
Q3	1 097	4 319	5 416	3 995	3 089	1 014	6 088	19 602	2 096	4 097	6 193	6 148	12 341	31 943
Q4	1 086	4 544	5 630	4 093	2 791	1 082	6 113	19 708	2 098	4 141	6 239	5 844	12 083	31 791
2013 Q1	981	4 025	5 006	3 830	2 438	987	5 652	17 912	2 124	3 663	5 787	5 862	11 649	29 561
Q2	1 174	5 009	6 183	3 980	2 647	930	5 900	19 640	1 893	4 159	6 052	5 938	11 991	31 631
Q3	1 188	5 026	6 214	3 992	2 963	919	6 610	20 698	1 952	4 393	6 345	6 621	12 966	33 664
Q4	1 322	5 346	6 667	4 163	2 607	898	6 358	20 695	1 971	4 539	6 510	6 312	12 823	33 517
2014 Q1	1 358	5 184	6 542	3 735	2 336	969	6 063	19 646	2 114	4 262	6 376	6 169	12 545	32 191
Q2	1 582	6 136	7 718	3 769	2 587	1 129	6 409	21 611	1 971	4 524	6 495	6 432	12 926	34 538
Q3	1 636	6 441	8 077	3 965	2 912	1 158	6 785	22 896	2 062	4 774	6 836	7 020	13 856	36 752
Q4	1 582	6 574	8 156	4 160	2 749	1 074	6 802	22 941	1 994	4 732	6 726	6 531	13 257	36 198
2015 Q1	1 402	6 047	7 449	4 526	2 372	1 152	6 234	21 733	2 154	4 164	6 317	6 338	12 655	34 389
Q2	1 450	7 153	8 602	4 840	2 604	1 175	6 592	23 813	1 992	4 669	6 662	6 077	12 739	36 551
Q3	1 191	6 780	7 971	4 915	2 946	1 321	6 902	24 055	2 066	4 845	6 911	6 556	13 467	37 522
Q4	1 173	7 156	8 329	4 885	2 731	1 186	7 015	24 145	1 975	4 907	6 882	6 342	13 224	37 370
2016 Q1	1 150	6 957	8 107	4 464	2 467	1 036	6 660	22 733	2 123	4 425	6 548	6 005	12 553	35 285
Q2	1 265	8 049	9 314	4 475	2 780	1 211	7 082	24 863	1 863	4 793	6 656	6 214	12 870	37 733
Q3	1 284	7 940	9 224	4 751	3 042	1 166	7 552	25 735	1 802	5 098	6 899	6 650	13 549	39 284
Q4	1 403	8 243	9 646	4 832	2 766	1 159	7 475	25 877	1 793	5 315	7 108	6 484	13 592	39 469
2017 Q1	1 432	7 789	9 221	4 676	2 634	1 043	7 522	25 096	1 949	5 017	6 966	6 618	13 584	38 680
Q2	1 601	8 676	10 277	4 849	2 702	1 153	7 834	26 814	1 826	5 360	7 187	6 535	13 721	40 536
Q3	1 592	8 604	10 197	4 994	2 849	1 300	8 010	27 350	1 837	5 531	7 368	7 130	14 498	41 848
Q4	1 587	9 233	10 821	5 001	2 620	1 199	7 565	27 206	1 792	5 610	7 402	6 809	14 211	41 417
2018 Q1	1 378	8 344	9 721	4 770	2 255	1 193	7 136	25 076	1 931	4 896	6 827	6 571	13 398	38 474
Q2	1 663	9 281	10 944	5 062	2 235	1 361	7 532	27 134	1 825	5 415	7 240	6 899	14 139	41 273

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

%

	New Housing			Other New Work					Repair and Maintenance				All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
					MV5H	MV5I	MVM3		MV5J	MV5K	MV5L			
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	56.5	21.4	28.2	27.3	31.9	10.9	-2.1	16.3	8.6	9.5	9.4	-14.5	-3.1	8.5
2011	2.2	9.0	7.4	8.4	-7.6	-9.5	2.4	2.4	-8.1	0.8	-2.2	6.7	1.9	2.2
2012	-16.3	-2.4	-5.5	-10.6	-21.0	9.5	-9.8	-9.9	2.2	-4.9	-2.7	-0.4	-1.6	-6.9
2013	6.6	9.4	8.9	2.3	-9.6	-9.2	-	1.0	-4.1	2.3	0.2	4.2	2.1	1.5
2014	32.0	25.4	26.7	-2.1	-0.7	16.0	6.3	10.3	2.5	9.2	7.0	5.7	6.4	8.8
2015	-15.3	11.5	6.1	22.6	0.7	11.6	2.6	7.6	0.6	1.6	1.3	-3.2	-0.9	4.4
2016	-2.2	14.9	12.2	-3.4	3.8	-5.4	7.6	5.8	-7.4	5.6	1.6	0.2	0.9	4.1
2017	21.8	10.0	11.6	5.4	-2.3	2.7	7.5	7.3	-2.3	9.6	6.3	6.9	6.6	7.1

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

%

	New Housing				Other New Work			Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MV54	MV55	MVM7	MV56	MV57	MV58	MV59	MV5A	MV5B	MV5C	MV5D	MV5E	MV5F	MV5G
2003 Q3	5.3	8.6	8.3	-4.5	7.4	4.0	1.4	3.1	10.1	-1.8	2.4	1.0	1.6	2.6
Q4	7.3	9.5	9.3	-1.7	7.8	6.9	4.8	5.6	-3.2	-0.8	-1.7	-2.6	-2.2	2.7
2004 Q1	9.3	6.2	6.5	-5.2	3.6	1.2	5.1	3.6	7.1	1.6	3.5	2.0	2.7	3.3
Q2	2.6	1.6	1.7	-1.5	-0.8	-4.0	2.3	0.8	-3.2	-7.3	-5.9	-6.7	-6.3	-1.8
Q3	-1.2	1.5	1.3	-3.4	-2.2	-2.5	-0.5	-0.7	-1.7	2.5	0.9	-2.0	-0.6	-0.6
Q4	-2.6	0.5	0.2	-5.0	-2.9	-3.1	-2.3	-2.0	3.6	-4.2	-1.4	2.9	0.8	-1.0
2005 Q1	-4.0	0.6	0.2	2.1	-1.8	-1.7	-1.6	-0.7	4.4	-2.3	0.1	6.0	3.1	0.7
Q2	-1.9	2.6	2.2	-2.5	-3.1	3.9	-0.7	-	-0.6	-3.0	-2.1	-2.0	-2.1	-0.7
Q3	-2.1	-1.6	-1.6	1.9	-4.8	1.9	-2.1	-1.5	-10.1	-0.8	-4.3	-1.5	-2.8	-2.0
Q4	9.9	-1.4	-0.4	3.0	-2.0	2.2	0.9	0.5	-1.5	-1.5	-1.5	-1.7	-1.6	-0.2
2006 Q1	5.0	-0.5	0.1	-3.5	-0.8	4.8	4.2	1.5	0.3	-0.1	0.1	0.3	0.2	1.0
Q2	4.9	1.4	1.7	-7.2	-2.5	-1.4	2.2	0.2	-0.8	-1.6	-1.4	4.3	1.7	0.7
Q3	4.1	1.5	1.8	-2.9	-1.5	0.3	4.2	1.8	6.5	-4.9	-1.0	-3.4	-2.3	0.3
Q4	1.5	0.9	1.0	-0.3	-0.9	2.9	3.9	2.0	-2.0	-1.1	-1.5	4.2	1.6	1.8
2007 Q1	10.5	-	1.1	-1.4	-0.4	1.3	1.9	1.1	-0.4	2.4	1.4	1.8	1.6	1.2
Q2	2.1	-2.0	-1.5	1.8	0.2	-0.7	2.1	0.5	-7.3	0.9	-2.0	-2.6	-2.4	-0.5
Q3	-2.0	-2.1	-2.1	2.9	1.0	-6.4	-0.3	-0.9	-3.6	-4.7	-4.4	-1.0	-2.6	-1.5
Q4	-1.5	-3.3	-3.1	3.4	0.4	-7.5	3.6	0.4	4.3	2.8	3.3	2.4	2.8	1.2
2008 Q1	-4.2	-5.0	-4.9	4.0	5.6	-1.5	2.8	0.7	0.4	-0.3	-0.1	3.6	1.9	1.1
Q2	-1.4	-9.3	-8.3	3.9	2.6	-10.7	-3.5	-3.8	6.6	2.8	4.1	4.1	4.1	-1.1
Q3	-2.5	-11.3	-10.1	2.5	4.4	-7.1	0.1	-2.3	-2.2	-4.2	-3.5	-4.1	-3.8	-2.8
Q4	-7.6	-13.7	-12.8	-6.9	0.5	-11.5	-7.9	-8.2	-2.5	6.7	3.5	-6.8	-2.1	-5.9
2009 Q1	-6.5	-11.9	-11.1	2.1	1.2	-13.9	-9.4	-7.1	-6.7	-13.3	-11.1	-3.3	-7.1	-7.1
Q2	4.7	-3.9	-2.5	9.0	8.7	-6.8	-6.1	-1.0	4.3	-3.8	-1.0	-2.5	-1.8	-1.3
Q3	17.6	-5.1	-1.0	6.9	11.6	-1.4	-10.5	-1.5	7.2	6.8	6.9	7.6	7.3	1.8
Q4	16.4	4.8	7.3	18.2	9.8	6.9	-8.5	3.8	-4.2	-11.7	-9.0	-8.5	-8.7	-1.2
2010 Q1	17.3	9.2	11.0	11.4	11.5	2.9	10.0	10.4	7.6	8.9	8.4	-15.1	-4.0	4.8
Q2	5.6	9.8	8.8	3.0	4.3	3.7	1.9	4.3	2.6	6.6	5.2	6.8	5.9	4.9
Q3	11.7	7.5	8.5	-6.8	-3.3	16.1	5.3	2.5	-3.1	6.5	3.2	-2.2	0.6	1.8
Q4	-2.6	-0.7	-1.2	-10.9	5.2	-20.1	-5.4	-4.1	-2.1	-1.9	-2.0	2.3	-	-2.7
2011 Q1	3.4	1.7	2.1	16.5	-0.7	-1.8	-0.9	2.9	-4.0	-3.0	-3.3	3.0	-0.4	1.7
Q2	-3.7	1.5	0.3	10.4	-8.0	3.3	4.4	2.0	-0.3	-0.8	-0.6	-0.4	-0.5	1.1
Q3	-3.9	2.6	1.1	-5.5	-6.4	-4.7	1.8	-1.6	-3.5	0.2	-1.0	2.8	0.8	-0.7
Q4	-4.8	-2.5	-3.0	-1.0	-4.1	2.3	1.1	-1.2	0.7	4.5	3.2	1.0	2.2	-
2012 Q1	-4.8	3.5	1.7	-7.8	-6.3	7.8	-8.6	-4.6	0.6	-2.9	-1.8	-0.9	-1.4	-3.4
Q2	-9.8	-7.5	-8.0	-7.1	-7.7	-0.1	-0.6	-5.1	1.9	-5.0	-2.8	-1.0	-1.9	-3.9
Q3	4.2	-1.5	-0.4	6.8	-3.2	-1.5	-8.0	-2.0	3.1	-1.2	0.2	-2.2	-1.0	-1.6
Q4	-2.0	3.8	2.6	1.3	-2.9	9.0	1.7	1.5	-0.2	-3.4	-2.3	1.4	-0.5	0.8
2013 Q1	-2.2	-1.0	-1.3	-0.2	-5.3	-5.4	1.1	-1.1	-3.3	3.2	0.9	1.2	1.1	-0.3
Q2	7.6	9.4	9.0	-0.4	1.9	-12.2	-0.6	1.9	-3.5	2.3	0.4	1.9	1.1	1.6
Q3	5.1	3.6	3.9	-1.1	2.3	-0.7	6.3	3.2	-0.9	3.6	2.1	2.6	2.4	2.9
Q4	10.3	5.5	6.4	3.5	-4.8	0.8	-2.2	1.3	2.0	0.5	1.0	1.8	1.4	1.4
2014 Q1	8.9	7.8	8.0	-4.0	-3.1	10.5	3.2	2.8	1.8	6.4	5.0	-1.0	2.0	2.5
Q2	7.9	3.9	4.7	-3.7	3.6	12.3	1.1	2.3	0.7	-0.7	-0.3	4.6	2.1	2.2
Q3	6.3	8.3	7.9	3.5	2.8	0.1	0.5	3.8	1.0	2.3	1.9	0.7	1.3	2.9
Q4	-3.9	1.1	0.1	4.4	2.2	-3.4	2.6	1.7	-1.8	-3.0	-2.6	-1.1	-1.8	0.3
2015 Q1	-6.5	2.0	0.3	15.8	-6.7	11.1	-1.7	2.2	1.6	-0.6	-	-1.4	-0.7	1.1
Q2	-4.2	4.4	2.8	3.2	2.7	-3.2	1.3	2.1	0.1	4.5	3.1	-3.9	-0.4	1.2
Q3	-15.4	-2.1	-4.4	-0.6	3.2	8.4	-0.3	-1.0	0.4	0.5	0.5	-0.2	0.1	-0.6
Q4	-2.5	4.5	3.5	-1.0	0.5	-5.7	4.2	1.9	-2.3	-0.1	-0.7	2.6	0.8	1.5
2016 Q1	4.6	7.2	6.8	-2.7	-2.2	-7.3	1.0	1.5	-0.8	0.4	-	-3.7	-1.8	0.3
Q2	0.6	2.5	2.3	-3.3	5.2	7.5	2.3	1.8	-3.7	1.1	-0.3	3.7	1.6	1.7
Q3	5.1	2.1	2.5	3.5	-0.3	-6.9	1.6	1.6	-6.1	4.1	1.2	-1.1	0.1	1.1
Q4	8.4	3.2	3.9	1.5	-1.0	5.5	2.4	2.5	2.2	3.6	3.3	3.8	3.5	2.9
2017 Q1	8.4	2.7	3.6	3.3	2.1	-5.1	6.2	3.7	-0.6	2.8	1.9	2.5	2.2	3.2
Q2	2.9	0.4	0.8	-0.1	-3.1	3.5	-0.3	-	2.0	2.0	2.0	0.4	1.2	0.4
Q3	2.5	2.3	2.3	0.6	-3.8	7.7	-1.8	0.4	-1.1	-	-0.3	1.3	0.4	0.4
Q4	-1.2	5.7	4.6	-0.4	-1.9	-2.7	-3.1	0.5	-0.8	0.2	-0.1	0.3	0.1	0.3
2018 Q1	-7.8	-	-1.2	2.6	-5.9	5.7	-0.1	-0.3	-0.6	-3.0	-2.4	-1.1	-1.8	-0.8
Q2	10.4	-2.4	-0.6	2.6	-8.4	6.2	0.7	-	2.1	1.4	1.6	3.9	2.7	0.9

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.

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

%

	New Housing				Other New Work			Repair and Maintenance						
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	MV4O	MV4P	MVM2	MV4Q	MV4R	MV4S	MV4T	MV4U	MV4V	MV4X	MV4Y	MV4Z	MV52	MV53
2012 Jul	18.4	-1.1	2.4	-1.1	2.7	7.1	-5.3	-0.5	3.7	11.1	8.5	0.2	4.3	1.3
Aug	-4.8	-2.2	-2.8	16.5	0.5	-4.4	1.1	2.6	-0.7	-8.1	-5.7	-3.4	-4.6	-0.3
Sep	0.7	7.3	5.9	-5.7	-0.8	5.0	-2.3	-0.2	1.3	-3.2	-1.6	1.4	-0.1	-0.2
Oct	-1.7	-0.1	-0.4	1.3	3.2	5.9	2.5	1.7	-0.4	-0.2	-0.3	-0.2	-0.2	1.0
Nov	0.5	1.5	1.3	0.5	-6.1	0.9	-0.3	-0.5	0.8	2.0	1.6	5.3	3.4	1.0
Dec	1.6	-3.1	-2.2	-4.0	-5.1	1.6	1.9	-1.5	-3.1	1.7	-	-4.9	-2.4	-1.9
2013 Jan	-5.2	-3.2	-3.6	-1.0	-4.0	-1.9	1.0	-1.6	-2.3	0.6	-0.4	1.7	0.6	-0.7
Feb	4.1	7.7	7.0	4.3	6.5	-4.0	-1.9	2.9	2.3	1.3	1.7	2.8	2.2	2.6
Mar	-2.6	-3.5	-3.3	1.7	0.1	-6.8	0.8	-0.7	-2.3	-0.4	-1.1	-1.9	-1.5	-1.0
Apr	6.9	7.0	7.0	-4.5	-2.9	-4.0	-1.1	0.1	0.8	-0.4	-	0.6	0.3	0.2
May	0.9	0.5	0.6	-0.3	4.6	-4.1	1.3	0.9	-4.9	2.8	0.2	1.6	0.9	0.9
Jun	1.5	5.6	4.8	5.9	-0.6	0.1	-0.6	2.4	-1.0	2.0	1.1	1.7	1.4	2.0
Jul	2.3	-2.3	-1.5	-4.1	-	-3.1	3.5	-0.4	-2.8	-	-0.9	-0.8	-0.9	-0.6
Aug	1.6	3.3	3.0	3.1	-0.5	14.0	2.5	2.9	8.2	1.7	3.7	4.0	3.9	3.2
Sep	1.1	-0.2	-	-7.6	4.8	-14.6	3.0	-0.6	-2.8	0.5	-0.6	-2.5	-1.5	-1.0
Oct	9.8	3.8	5.0	11.8	-4.8	6.2	-2.5	2.5	2.3	-0.2	0.6	3.6	2.1	2.3
Nov	0.7	-0.8	-0.5	-4.9	-4.1	-1.9	-3.6	-2.9	-1.9	1.6	0.5	-2.4	-1.0	-2.1
Dec	-3.9	3.5	2.0	-0.1	-0.6	7.3	-0.1	0.8	0.8	-3.4	-2.1	0.8	-0.7	0.3
2014 Jan	7.3	9.6	9.1	-	-1.4	-1.0	2.4	3.5	5.9	5.3	5.5	-0.1	2.7	3.2
Feb	5.0	-6.7	-4.5	-1.1	-1.1	8.7	0.7	-1.3	-5.6	4.7	1.4	-1.0	0.2	-0.7
Mar	1.9	2.8	2.6	-4.7	2.7	4.1	4.9	2.0	-	-0.6	-0.4	0.1	-0.2	1.2
Apr	-2.4	2.1	1.2	-0.8	4.1	6.4	-1.3	0.6	3.3	0.3	1.2	4.8	3.0	1.5
May	9.8	2.8	4.2	2.6	-4.4	-0.4	-1.4	0.9	-1.7	-1.9	-1.9	-0.7	-1.3	-
Jun	2.5	1.4	1.6	-3.2	3.4	0.8	-	0.4	1.4	-2.4	-1.2	1.9	0.3	0.4
Jul	-0.7	5.8	4.4	4.2	0.1	-0.2	1.2	2.7	0.1	2.7	1.9	-2.1	-0.2	1.6
Aug	3.6	-0.1	0.6	-0.9	3.4	-1.0	-1.2	0.1	1.9	5.7	4.5	2.6	3.5	1.4
Sep	-0.7	1.8	1.3	3.6	-1.0	1.8	1.6	1.5	-2.4	-5.2	-4.4	0.3	-2.1	0.2
Oct	-2.1	-0.5	-0.8	1.1	5.5	-6.9	-1.0	-0.1	-2.0	-0.5	-1.0	-2.5	-1.7	-0.7
Nov	-3.4	2.6	1.4	2.7	-4.4	2.1	3.6	1.6	3.8	-0.8	0.6	1.6	1.1	1.4
Dec	-0.8	-3.7	-3.2	-1.8	-2.1	4.6	1.7	-1.0	-3.8	-0.6	-1.6	-1.9	-1.8	-1.3
2015 Jan	-6.3	4.7	2.6	14.0	-6.1	9.7	-2.6	2.4	3.9	-0.1	1.1	0.4	0.8	1.8
Feb	3.9	-2.8	-1.6	-0.6	4.7	-1.8	-0.3	-0.4	-2.3	-1.8	-2.0	-3.6	-2.8	-1.3
Mar	-3.2	2.9	1.7	7.1	-2.2	-3.3	-3.2	0.7	1.9	4.2	3.5	4.2	3.8	1.8
Apr	5.6	3.7	4.0	1.7	0.1	1.8	1.1	2.2	-3.1	1.8	0.3	-4.3	-2.0	0.6
May	-12.1	1.6	-0.9	-3.0	1.4	-6.2	1.6	-0.6	4.3	0.1	1.4	-1.0	0.2	-0.3
Jun	-1.2	-4.0	-3.5	-2.8	4.8	6.2	4.3	0.2	-0.2	1.2	0.8	-0.9	-	0.1
Jul	-6.2	0.6	-0.6	5.4	0.3	8.3	-2.7	0.6	-1.8	-0.6	-1.0	2.3	0.6	0.6
Aug	-9.1	-1.1	-2.3	-3.3	-2.1	-2.7	-0.3	-2.0	0.1	-0.4	-0.3	-4.1	-2.1	-2.0
Sep	3.9	0.6	1.0	-2.1	2.4	0.2	-2.4	-0.5	2.7	1.6	1.9	3.9	2.8	0.7
Oct	-1.5	3.2	2.5	0.5	-0.1	-4.2	6.4	2.5	-3.6	0.4	-0.8	0.6	-0.2	1.5
Nov	-2.0	-0.8	-1.0	-5.0	-0.7	1.3	-	-1.3	-1.4	-1.1	-1.2	0.6	-0.3	-1.0
Dec	3.0	5.6	5.2	13.7	0.4	-4.8	-1.3	3.8	1.6	-1.8	-0.8	1.3	0.2	2.5
2016 Jan	4.8	0.1	0.8	-9.5	-0.1	-4.5	3.4	-1.0	-0.9	3.2	1.9	-2.3	-0.2	-0.7
Feb	-4.4	6.2	4.6	2.3	-0.3	-6.3	-0.1	1.7	0.1	-2.0	-1.4	-0.3	-0.9	0.8
Mar	4.5	-1.6	-0.8	-3.0	-6.0	13.4	-4.3	-2.2	-1.6	0.8	0.1	-6.9	-3.3	-2.6
Apr	-4.0	3.8	2.7	-1.7	10.3	-	4.9	3.1	0.1	1.3	0.9	10.3	5.3	3.9
May	1.5	-3.0	-2.4	0.4	0.2	5.6	0.3	-0.4	-3.2	-1.6	-2.1	-2.2	-2.1	-1.0
Jun	6.9	-	0.9	-1.8	-1.9	-7.3	1.0	-0.3	-1.8	3.0	1.6	0.5	1.1	0.2
Jul	-0.3	2.6	2.2	5.3	4.0	-5.6	0.2	2.0	-2.1	1.4	0.4	-1.0	-0.3	1.2
Aug	-0.8	-0.3	-0.4	-2.2	-3.5	1.0	0.1	-0.9	-3.9	0.1	-1.0	0.6	-0.2	-0.7
Sep	2.8	2.0	2.1	2.2	-2.0	3.6	1.7	1.6	2.7	3.4	3.2	-0.2	1.5	1.6
Oct	2.7	0.1	0.4	-2.6	0.1	2.1	-	-0.2	0.4	-2.7	-1.9	4.6	1.2	0.3
Nov	4.1	1.5	1.9	5.1	2.4	2.1	-	2.0	-0.6	4.9	3.4	-2.0	0.7	1.6
Dec	3.5	2.5	2.6	0.3	-0.3	-2.2	3.7	2.0	5.1	2.7	3.3	1.8	2.6	2.2
2017 Jan	2.0	0.6	0.8	6.4	4.1	-5.1	1.3	2.1	-5.6	0.2	-1.3	1.9	0.2	1.4
Feb	0.2	-0.3	-0.2	-6.4	-2.7	-0.3	2.6	-0.9	2.4	-1.6	-0.6	1.2	0.3	-0.5
Mar	7.2	0.7	1.7	-1.4	-2.2	3.1	1.6	0.7	1.6	1.0	1.2	-1.9	-0.3	0.4
Apr	-6.4	-0.7	-1.6	3.6	1.8	-2.3	-1.7	-0.4	-0.8	1.6	1.0	0.9	0.9	0.1
May	10.8	-0.9	0.9	-0.8	-1.7	-2.5	-0.1	-0.1	-0.9	0.8	0.4	0.4	0.4	-
Jun	-6.1	4.2	2.5	0.2	-4.2	17.1	-1.5	0.8	4.9	-1.0	0.5	0.5	0.5	0.7
Jul	1.9	-2.2	-1.6	0.1	-3.8	-3.4	-1.0	-1.4	-2.8	1.2	0.1	0.8	0.4	-0.8
Aug	1.9	3.9	3.6	0.5	7.4	-0.4	1.9	2.7	-1.1	0.5	0.1	-1.1	-0.5	1.6
Sep	0.6	-1.7	-1.4	0.9	-4.0	5.4	-2.7	-1.3	-1.3	-3.3	-2.8	2.4	-0.3	-1.0
Oct	-8.1	1.5	-	-1.9	-3.4	-1.2	-2.7	-1.5	0.8	2.1	1.8	-1.4	0.2	-0.9
Nov	7.3	4.0	4.5	-2.7	0.4	-6.8	1.0	1.2	-1.8	2.9	1.7	1.1	1.4	1.3
Dec	4.5	4.0	4.0	8.1	5.1	-0.7	0.5	3.7	2.5	-5.1	-3.2	-0.7	-2.0	1.7
2018 Jan	-16.0	-5.4	-7.0	4.0	-7.1	9.9	0.2	-2.3	0.5	0.3	0.4	-0.1	0.1	-1.5
Feb	5.9	5.3	5.3	-6.9	-1.7	-3.6	-0.7	0.1	-2.1	-0.9	-1.2	-2.0	-1.6	-0.4
Mar	1.0	-5.1	-4.3	-2.8	-2.8	4.5	-1.6	-2.7	-2.4	-0.7	-1.1	1.1	-0.1	-1.8
Apr	1.1	-2.2	-1.8	3.1	-7.3	3.7	2.4	0.1	2.7	-3.4	-1.9	0.9	-0.5	-0.1
May	3.9	2.5	2.7	1.3	4.0	-0.1	-0.2	1.6	0.3	8.7	6.4	4.5	5.4	2.9
Jun	11.0	0.1	1.7	9.2	-4.0	2.3	-0.9	1.9	4.7	0.1	1.3	-0.2	0.5	1.4

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

%

	New Housing			Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	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	56.5	21.4	28.2	27.3	31.9	10.9	-2.1	16.3	8.6	9.5	9.4	-14.5	-3.1	8.5
2011	2.2	9.0	7.4	8.4	-7.6	-9.5	2.4	2.4	-8.1	0.8	-2.2	6.7	1.9	2.2
2012	-16.3	-2.4	-5.5	-10.6	-21.0	9.5	-9.8	-9.9	2.2	-4.9	-2.7	-0.4	-1.6	-6.9
2013	6.6	9.4	8.9	2.3	-9.6	-9.2	-	1.0	-4.1	2.3	0.2	4.2	2.1	1.5
2014	32.0	25.4	26.7	-2.1	-0.7	16.0	6.3	10.3	2.5	9.2	7.0	5.7	6.4	8.8
2015	-15.3	11.5	6.1	22.6	0.7	11.6	2.6	7.6	0.6	1.6	1.3	-3.2	-0.9	4.4
2016	-2.2	14.9	12.2	-3.4	3.8	-5.4	7.6	5.8	-7.4	5.6	1.6	0.2	0.9	4.1
2017	21.8	10.0	11.6	5.4	-2.3	2.7	7.5	7.3	-2.3	9.6	6.3	6.9	6.6	7.1

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

%

	New Housing			Other New Work				Repair and Maintenance						
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	MV68	MV69	MVM8	MV6A	MV6B	MV6C	MV6D	MV6E	MV6F	MV6G	MV6H	MV6I	MV6J	MV6K
2003 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	68.1	4.5	15.0	53.4	48.6	1.2	-15.4	11.8	15.1	-1.2	4.4	-18.5	-7.6	4.0
Q2	69.6	19.4	28.3	44.9	42.5	12.5	-8.2	17.7	13.2	9.5	11.0	-10.8	-0.4	10.5
Q3	61.1	35.2	40.6	26.4	23.4	32.5	8.0	22.6	2.4	9.3	7.1	-18.9	-6.5	10.6
Q4	34.7	28.0	29.5	-4.7	18.3	-1.0	11.7	13.2	4.6	21.4	15.3	-9.3	2.4	9.0
2011 Q1	18.9	19.2	19.1	-0.3	5.3	-5.5	0.7	5.5	-6.6	8.1	2.8	10.1	6.2	5.8
Q2	8.4	10.2	9.8	6.8	-7.0	-5.8	3.1	3.2	-9.2	0.6	-2.8	2.6	-0.3	1.9
Q3	-6.8	5.2	2.3	8.4	-10.0	-22.7	-0.4	-1.0	-9.6	-5.4	-6.7	7.9	-0.1	-0.7
Q4	-8.8	3.3	0.4	20.3	-18.0	-1.0	6.5	2.0	-7.0	0.7	-1.8	6.5	2.1	2.0
2012 Q1	-16.1	5.1	0.1	-4.8	-22.6	8.7	-1.8	-5.4	-2.6	0.8	-0.3	2.5	1.0	-3.1
Q2	-21.5	-4.2	-8.2	-19.9	-22.4	5.2	-6.5	-12.0	-0.4	-3.5	-2.5	1.9	-0.4	-7.9
Q3	-14.9	-8.1	-9.6	-9.5	-19.7	8.7	-15.5	-12.3	6.4	-4.9	-1.3	-3.1	-2.2	-8.7
Q4	-12.4	-2.2	-4.3	-7.4	-18.7	15.7	-15.0	-9.9	5.5	-12.0	-6.6	-2.7	-4.7	-7.9
2013 Q1	-10.0	-6.5	-7.2	0.3	-17.9	1.5	-6.0	-6.6	1.4	-6.4	-3.9	-0.7	-2.3	-5.0
Q2	7.4	10.6	10.0	7.6	-9.2	-10.8	-6.0	0.3	-4.1	0.8	-0.8	2.3	0.7	0.5
Q3	8.4	16.4	14.8	-0.4	-4.1	-10.1	8.6	5.6	-7.7	5.7	1.1	7.4	4.2	5.0
Q4	22.0	18.3	19.0	1.9	-6.0	-16.9	4.5	5.4	-5.7	10.0	4.5	7.8	6.1	5.7
2014 Q1	35.9	28.9	30.2	-2.0	-3.8	-2.9	6.7	9.6	-0.7	13.4	8.7	5.5	7.1	8.6
Q2	36.3	22.5	25.1	-5.3	-2.3	24.2	8.5	10.0	3.7	10.1	8.0	8.3	8.1	9.3
Q3	37.8	28.0	29.9	-1.0	-1.8	25.3	2.5	10.7	5.6	8.7	7.7	6.2	6.9	9.2
Q4	20.0	22.7	22.2	-0.1	5.4	20.1	7.6	11.0	1.7	4.9	3.9	3.2	3.5	8.1
2015 Q1	3.0	16.1	13.5	20.5	1.5	20.8	2.5	10.3	1.4	-2.1	-1.0	2.7	0.8	6.7
Q2	-8.6	16.6	11.4	29.1	0.6	4.1	2.7	10.2	0.8	3.0	2.3	-5.7	-1.7	5.7
Q3	-27.2	5.4	-1.3	24.0	1.1	12.6	1.9	5.1	0.3	1.2	0.9	-6.5	-2.8	2.1
Q4	-26.1	8.9	2.1	17.5	-0.6	10.0	3.4	5.3	-0.3	4.3	2.9	-3.1	-0.1	3.3
2016 Q1	-17.3	14.4	8.6	-1.2	4.1	-8.3	6.2	4.5	-2.6	5.4	2.9	-5.3	-1.2	2.5
Q2	-13.1	12.4	8.1	-7.4	6.6	1.9	7.2	4.2	-6.3	1.9	-0.6	2.2	0.7	3.0
Q3	7.9	17.2	15.8	-3.6	3.0	-12.5	9.3	6.9	-12.4	5.6	0.1	1.3	0.7	4.7
Q4	19.9	15.7	16.3	-1.2	1.5	-2.1	7.5	7.6	-8.3	9.5	4.2	2.6	3.4	6.1
2017 Q1	24.2	10.9	12.8	4.9	6.0	0.2	13.1	10.0	-8.1	12.2	6.2	9.2	7.6	9.2
Q2	27.0	8.6	11.1	8.3	-2.3	-3.6	10.2	8.1	-2.6	13.1	8.6	5.7	7.2	7.8
Q3	24.0	8.8	11.0	5.3	-5.8	11.6	6.5	6.8	2.5	8.6	7.0	8.2	7.6	7.0
Q4	13.0	11.5	11.7	3.3	-6.6	2.9	0.8	4.6	-0.5	5.0	3.5	4.5	4.0	4.4
2018 Q1	-3.8	8.5	6.7	2.6	-13.9	14.6	-5.2	0.5	-0.6	-1.0	-0.9	0.8	-0.1	0.3
Q2	3.2	5.5	5.2	5.4	-18.6	17.7	-4.3	0.5	-0.5	-1.6	-1.3	4.3	1.4	0.8

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

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

%

	New Housing				Other New Work			Repair and Maintenance					All Repair and Mainte- nance	All Work
			Total new housing	Infra- struc- ture	Excluding Infrastructure			Housing						
	Public housing	Private housing			Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M		
	MV4W	MV5U	MVM4	MV5V	MV5W	MV5X	MV5Y	MV5Z	MV62	MV63	MV64	MV65	MV66	MV67
2012 Jul	-8.4	-10.8	-10.3	-20.7	-23.1	18.8	-15.6	-15.2	5.0	1.8	2.9	-1.6	0.7	-9.5
Aug	-14.8	-11.0	-11.8	-0.8	-18.1	1.2	-13.5	-10.6	5.3	-5.6	-2.1	-4.5	-3.3	-8.0
Sep	-20.8	-2.3	-6.5	-6.0	-17.8	7.1	-17.2	-11.1	8.9	-10.7	-4.6	-3.1	-3.9	-8.5
Oct	-14.1	-0.6	-3.5	1.7	-12.9	12.3	-14.5	-7.0	7.0	-14.0	-7.6	-1.6	-4.7	-6.1
Nov	-15.4	-0.8	-4.0	-4.3	-15.3	9.5	-15.4	-8.9	7.5	-11.7	-5.8	1.9	-2.1	-6.4
Dec	-7.3	-5.0	-5.4	-17.6	-27.4	26.6	-15.2	-13.5	2.1	-10.2	-6.3	-8.2	-7.2	-11.2
2013 Jan	-19.2	-8.8	-11.1	-9.4	-24.4	9.6	-6.6	-10.5	0.4	-5.0	-3.3	0.7	-1.3	-7.1
Feb	-5.7	-2.0	-2.8	3.0	-15.6	1.2	-3.1	-3.6	3.1	-6.9	-3.7	-	-1.9	-2.9
Mar	-3.7	-8.4	-7.5	8.3	-13.2	-6.0	-8.0	-5.5	0.6	-7.3	-4.8	-2.6	-3.7	-4.8
Apr	-2.6	8.8	6.4	3.0	-14.6	-11.2	-7.0	-2.8	1.6	-2.8	-1.3	1.5	-	-1.7
May	7.1	6.9	6.9	7.7	-9.9	-15.1	-7.6	-1.5	-7.9	-2.7	-4.4	0.9	-1.8	-1.6
Jun	19.9	16.4	17.0	12.4	-2.6	-5.6	-3.3	5.4	-5.7	8.5	3.6	4.6	4.1	4.9
Jul	3.6	14.9	12.5	9.0	-5.2	-14.6	5.7	5.5	-11.7	-2.3	-5.4	3.5	-1.1	2.9
Aug	10.6	21.5	19.2	-3.6	-6.2	1.8	7.1	5.8	-3.8	8.1	4.0	11.5	7.7	6.5
Sep	11.1	13.0	12.7	-5.5	-1.0	-17.1	13.0	5.4	-7.7	12.2	5.1	7.2	6.2	5.7
Oct	24.1	17.5	18.8	4.2	-8.7	-16.9	7.5	6.2	-5.2	12.2	6.0	11.3	8.6	7.1
Nov	24.4	14.8	16.6	-1.3	-6.8	-19.2	4.0	3.7	-7.8	11.8	4.9	3.2	4.0	3.8
Dec	17.7	22.7	21.7	2.7	-2.4	-14.6	2.0	6.2	-4.1	6.1	2.6	9.3	5.9	6.1
2014 Jan	33.1	38.8	37.7	3.7	0.2	-13.9	3.4	11.6	3.9	11.0	8.6	7.5	8.1	10.2
Feb	34.3	20.3	23.0	-1.7	-7.0	-2.5	6.2	7.1	-4.1	14.7	8.3	3.4	5.9	6.7
Mar	40.4	28.2	30.5	-7.8	-4.5	9.0	10.5	10.1	-1.8	14.4	9.0	5.5	7.3	9.0
Apr	28.2	22.3	23.4	-4.3	2.4	20.8	10.2	10.7	0.7	15.3	10.4	9.9	10.1	10.5
May	39.5	25.1	27.9	-1.5	-6.4	25.5	7.3	10.7	4.0	10.0	8.1	7.3	7.7	9.5
Jun	41.0	20.1	24.0	-9.9	-2.6	26.4	7.9	8.6	6.5	5.2	5.6	7.6	6.6	7.8
Jul	36.9	30.1	31.4	-2.1	-2.5	30.1	5.6	11.9	9.7	8.0	8.5	6.2	7.4	10.2
Aug	39.4	25.7	28.4	-5.9	1.3	13.0	1.8	8.9	3.4	12.2	9.4	4.7	7.0	8.2
Sep	37.0	28.2	29.9	5.5	-4.2	34.6	0.4	11.2	3.8	5.9	5.2	7.7	6.4	9.4
Oct	22.1	22.9	22.7	-4.5	6.1	18.0	1.9	8.4	-0.5	5.6	3.6	1.4	2.5	6.2
Nov	17.1	27.2	25.1	3.1	5.8	22.7	9.5	13.4	5.2	3.1	3.7	5.5	4.6	10.0
Dec	20.8	18.3	18.7	1.3	4.2	19.7	11.5	11.3	0.4	6.1	4.3	2.7	3.4	8.3
2015 Jan	5.5	13.0	11.6	15.4	-0.7	32.6	6.0	10.1	-1.5	0.6	-	3.1	1.5	6.8
Feb	4.4	17.7	14.9	16.1	5.1	19.8	4.9	11.1	1.9	-5.6	-3.4	0.4	-1.5	6.3
Mar	-0.8	17.8	14.0	30.4	0.2	11.2	-3.2	9.7	3.9	-1.1	0.4	4.5	2.4	6.9
Apr	7.3	19.6	17.2	33.7	-3.7	6.4	-0.8	11.4	-2.6	0.4	-0.5	-4.6	-2.5	6.0
May	-14.2	18.2	11.4	26.5	2.2	0.2	2.3	9.7	3.4	2.5	2.8	-4.8	-1.0	5.6
Jun	-17.3	12.0	5.8	27.0	3.5	5.6	6.7	9.5	1.8	6.3	4.9	-7.5	-1.4	5.3
Jul	-21.8	6.5	0.8	28.4	3.7	14.5	2.7	7.2	-0.2	3.0	2.0	-3.4	-0.7	4.3
Aug	-31.4	5.5	-2.2	25.2	-1.8	12.5	3.6	5.0	-2.0	-3.0	-2.7	-9.6	-6.1	0.8
Sep	-28.2	4.2	-2.4	18.4	1.5	10.8	-0.5	3.0	3.1	4.0	3.7	-6.4	-1.4	1.3
Oct	-27.7	8.0	0.9	17.7	-3.8	14.1	6.9	5.6	1.4	4.9	3.9	-3.5	0.2	3.6
Nov	-26.7	4.4	-1.5	8.9	-0.1	13.2	3.2	2.6	-3.7	4.6	2.0	-4.4	-1.2	1.2
Dec	-23.8	14.5	7.0	26.1	2.5	3.0	0.2	7.6	1.7	3.3	2.8	-1.3	0.8	5.1
2016 Jan	-14.8	9.4	5.1	0.2	9.0	-10.4	6.4	4.1	-3.1	6.7	3.6	-4.0	-0.2	2.5
Feb	-21.5	19.6	11.8	3.1	3.8	-14.5	6.7	6.3	-0.7	6.5	4.2	-0.6	1.8	4.7
Mar	-15.3	14.3	9.0	-6.6	-0.3	0.3	5.5	3.2	-4.1	3.0	0.8	-11.2	-5.1	0.2
Apr	-23.0	14.4	7.6	-9.8	9.9	-1.5	9.4	4.2	-0.9	2.5	1.5	2.5	2.0	3.4
May	-11.0	9.2	5.9	-6.6	8.6	10.9	7.9	4.4	-8.1	0.7	-2.0	1.3	-0.4	2.7
Jun	-3.7	13.7	10.8	-5.6	1.6	-3.2	4.5	3.9	-9.6	2.5	-1.2	2.8	0.7	2.8
Jul	2.3	16.1	13.9	-5.7	5.5	-15.6	7.6	5.4	-9.9	4.6	0.2	-0.5	-0.1	3.5
Aug	11.6	17.0	16.2	-4.6	4.0	-12.4	8.0	6.6	-13.6	5.2	-0.5	4.4	1.8	4.9
Sep	10.3	18.7	17.4	-0.4	-0.5	-9.5	12.5	8.8	-13.5	7.0	0.7	0.2	0.5	5.8
Oct	14.9	15.1	15.1	-3.5	-0.3	-3.6	5.7	5.9	-9.9	3.7	-0.4	4.3	1.9	4.5
Nov	22.1	17.8	18.4	6.7	2.8	-2.7	5.8	9.5	-9.1	10.0	4.3	1.5	2.9	7.1
Dec	22.6	14.3	15.5	-5.8	2.0	-	11.1	7.5	-6.0	15.1	8.7	2.0	5.4	6.8
2017 Jan	19.3	14.8	15.5	10.6	6.4	-0.7	8.9	10.8	-10.4	11.8	5.2	6.4	5.8	9.0
Feb	25.0	7.8	10.1	1.2	3.8	5.7	11.8	8.0	-8.4	12.3	6.1	7.9	7.0	7.6
Mar	28.2	10.4	12.9	2.8	8.0	-3.9	18.8	11.3	-5.4	12.5	7.2	13.7	10.2	10.9
Apr	25.1	5.6	8.1	8.4	-0.3	-6.1	11.4	7.5	-6.3	12.9	7.3	3.9	5.6	6.8
May	36.5	7.9	11.8	7.1	-2.2	-13.3	11.0	7.8	-4.0	15.6	9.9	6.6	8.3	8.0
Jun	19.9	12.5	13.5	9.2	-4.5	9.5	8.2	8.9	2.6	11.0	8.7	6.6	7.6	8.5
Jul	22.6	7.2	9.3	3.8	-11.6	12.0	6.8	5.3	1.9	10.7	8.3	8.5	8.4	6.3
Aug	26.0	11.7	13.7	6.7	-1.7	10.5	8.8	9.1	4.9	11.2	9.5	6.6	8.1	8.8
Sep	23.3	7.6	9.8	5.3	-3.7	12.4	4.0	5.9	0.8	4.0	3.2	9.4	6.2	6.0
Oct	10.4	9.1	9.3	6.1	-7.1	8.7	1.2	4.5	1.2	9.2	7.1	3.2	5.1	4.7
Nov	13.7	11.9	12.1	-1.8	-8.9	-0.8	2.2	3.8	-	7.1	5.2	6.4	5.8	4.5
Dec	14.9	13.5	13.7	5.8	-3.9	0.8	-1.0	5.5	-2.5	-1.0	-1.4	3.9	1.1	4.0
2018 Jan	-5.4	6.7	4.9	3.4	-14.3	16.7	-2.1	1.0	3.8	-0.9	0.3	1.9	1.1	1.0
Feb	-	12.7	10.8	2.9	-13.5	12.8	-5.3	2.0	-0.7	-0.2	-0.3	-1.3	-0.8	1.1
Mar	-5.8	6.2	4.3	1.4	-14.0	14.4	-8.2	-1.5	-4.6	-1.9	-2.6	1.7	-0.5	-1.2
Apr	1.7	4.6	4.1	0.9	-21.7	21.4	-4.4	-1.0	-1.3	-6.8	-5.4	1.8	-1.9	-1.3
May	-4.6	8.2	6.1	3.1	-17.1	24.4	-4.5	0.7	-0.1	0.5	0.3	5.9	3.0	1.5
Jun	12.8	3.9	5.2	12.4	-17.0	8.7	-3.9	1.8	-0.3	1.6	1.1	5.2	3.1	2.2

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

£ million

	New Housing			Other New Work				Repair and Maintenance								All Repair and Mainte- nance	All Work
	Public housing	Private housing	Total new housing	Infra- structure	Excluding Infrastructure			All new work	Housing			Other Work					
					Public	Private industr- ial	Private commerc- ial		Public housing	Private housing	Total housing	Infra- structure	Public	Private			
	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVNM	MVO2	N42T	N42U	N42V	MVO4	MVO5	
1997	1 028	7 559	8 587	7 953	3 063	4 536	12 631	36 770	5 229	7 460	12 689	-	4 669	6 862	24 220	60 990	
1998	881	8 146	9 027	7 703	3 343	4 893	14 747	39 713	5 110	7 890	13 000	-	4 778	7 334	25 112	64 825	
1999	824	8 079	8 903	7 610	3 907	5 030	17 713	43 163	5 059	7 990	13 049	-	4 882	7 487	25 418	68 581	
2000	1 075	9 475	10 550	7 941	3 863	4 717	18 608	45 679	5 104	8 358	13 462	-	5 158	8 412	27 032	72 711	
2001	1 174	9 639	10 813	8 814	4 253	4 709	19 988	48 577	5 164	8 870	14 034	-	5 541	9 808	29 383	77 960	
2002	1 411	11 453	12 864	10 033	5 517	4 323	22 220	54 957	4 974	10 255	15 229	-	6 065	10 969	32 263	87 220	
2003	1 706	15 017	16 723	9 333	7 280	4 765	22 893	60 994	5 781	11 146	16 927	-	7 168	12 169	36 264	97 258	
2004	2 210	18 977	21 187	8 243	8 638	5 210	25 509	68 787	6 414	11 951	18 365	-	7 215	12 291	37 871	106 658	
2005	2 251	20 715	22 966	8 241	8 362	5 610	26 325	71 504	6 642	12 276	18 918	-	8 044	13 027	39 989	111 493	
2006	2 853	21 765	24 618	8 178	8 047	6 308	30 121	77 272	6 819	12 568	19 387	-	7 868	13 794	41 049	118 321	
2007	3 480	22 146	25 626	8 642	8 347	6 438	34 404	83 457	6 885	13 476	20 361	-	7 439	15 807	43 607	127 064	
2008	3 299	18 138	21 437	9 715	9 988	5 339	35 190	81 669	7 467	14 708	22 175	-	8 635	16 165	46 975	128 644	
2009	3 327	12 592	15 919	10 738	11 857	3 515	25 558	67 587	7 417	13 283	20 700	-	8 631	14 165	43 496	111 083	
2010	4 893	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	4 924	16 398	21 322	15 320	13 311	3 365	24 272	77 590	7 223	15 159	22 383	7 755	5 050	8 960	44 147	121 737	
2012	4 049	16 383	20 432	14 426	10 878	3 810	22 627	72 172	7 646	15 121	22 768	7 672	4 961	9 263	44 664	116 836	
2013	4 343	18 379	22 722	15 333	10 249	3 558	23 629	75 492	7 545	16 170	23 715	8 086	5 350	9 761	46 912	122 404	
2014	5 788	23 619	29 407	15 325	10 363	4 202	25 943	85 240	7 783	17 969	25 752	8 801	5 519	10 638	50 710	135 950	
2015	4 893	26 298	31 190	18 811	10 530	4 735	26 991	92 257	7 910	18 511	26 421	8 496	4 867	11 077	50 861	143 118	
2016	4 842	30 562	35 404	18 403	11 226	4 601	29 816	99 448	7 572	20 078	27 651	8 067	4 867	11 739	52 323	151 772	
2017	6 072	34 628	40 700	19 727	11 305	4 886	32 768	109 387	7 599	22 369	29 968	8 817	5 003	12 707	56 495	165 882	

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

£ million

	New Housing				Other New Work			Repair and Maintenance								
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			Housing				Other Work		All Repair and Maintenance	All Work	
					Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Infra-structure	Public			Private
	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVNM	MVO2	N42T	N42U	N42V	MVO4	MVO5
2003 Q3	438	3 867	4 305	2 299	1 886	1 211	5 719	15 421	1 550	2 851	4 401	-	1 729	3 233	9 363	24 784
Q4	478	4 277	4 755	2 254	2 057	1 293	6 053	16 413	1 507	2 955	4 463	-	1 818	3 049	9 329	25 742
2004 Q1	533	4 572	5 105	2 134	2 160	1 309	6 299	17 007	1 626	3 029	4 656	-	1 854	3 218	9 728	26 735
Q2	557	4 684	5 241	2 109	2 179	1 285	6 429	17 242	1 571	2 868	4 439	-	1 806	3 011	9 256	26 498
Q3	562	4 813	5 376	2 049	2 161	1 304	6 420	17 309	1 566	3 035	4 601	-	1 714	3 004	9 319	26 628
Q4	558	4 907	5 465	1 952	2 138	1 313	6 361	17 228	1 650	3 019	4 669	-	1 842	3 058	9 569	26 797
2005 Q1	546	4 999	5 545	2 009	2 144	1 316	6 416	17 429	1 747	3 040	4 787	-	2 029	3 282	10 098	27 527
Q2	545	5 224	5 769	1 989	2 119	1 391	6 582	17 849	1 741	3 055	4 796	-	2 112	3 275	10 182	28 032
Q3	546	5 248	5 794	2 074	2 056	1 432	6 563	17 920	1 578	3 096	4 674	-	1 921	3 277	9 873	27 792
Q4	614	5 244	5 858	2 170	2 044	1 470	6 764	18 306	1 576	3 085	4 661	-	1 982	3 193	9 836	28 141
2006 Q1	657	5 306	5 963	2 131	2 049	1 550	7 131	18 824	1 637	3 161	4 798	-	1 960	3 318	10 075	28 900
Q2	700	5 386	6 086	2 018	2 011	1 548	7 349	19 013	1 652	3 178	4 830	-	2 115	3 431	10 376	29 389
Q3	738	5 486	6 224	2 003	1 995	1 575	7 652	19 449	1 780	3 110	4 889	-	1 921	3 356	10 166	29 615
Q4	758	5 587	6 345	2 026	1 991	1 635	7 988	19 985	1 751	3 119	4 870	-	1 872	3 690	10 432	30 418
2007 Q1	849	5 642	6 491	2 037	2 007	1 666	8 218	20 419	1 764	3 284	5 049	-	1 803	3 928	10 779	31 199
Q2	881	5 589	6 469	2 112	2 051	1 674	8 495	20 802	1 692	3 367	5 059	-	1 939	3 897	10 895	31 696
Q3	876	5 516	6 392	2 202	2 116	1 590	8 665	20 965	1 667	3 299	4 966	-	1 792	3 955	10 713	31 678
Q4	874	5 399	6 273	2 291	2 173	1 508	9 025	21 271	1 762	3 526	5 288	-	1 905	4 027	11 220	32 490
2008 Q1	849	5 213	6 062	2 388	2 341	1 514	9 263	21 569	1 760	3 522	5 281	-	2 051	4 179	11 511	33 080
Q2	848	4 809	5 657	2 474	2 451	1 376	8 932	20 890	1 914	3 706	5 620	-	2 266	4 285	12 171	33 061
Q3	832	4 338	5 169	2 523	2 585	1 294	8 845	20 417	1 904	3 616	5 519	-	2 217	3 974	11 711	32 128
Q4	770	3 778	4 548	2 330	2 610	1 154	8 151	18 793	1 890	3 865	5 755	-	2 101	3 726	11 582	30 375
2009 Q1	720	3 315	4 035	2 350	2 626	969	7 303	17 283	1 799	3 400	5 199	-	2 048	3 636	10 882	28 165
Q2	749	3 151	3 900	2 534	2 837	872	6 794	16 938	1 800	3 276	5 076	-	2 070	3 519	10 665	27 603
Q3	866	2 986	3 852	2 697	3 094	826	6 013	16 482	1 928	3 509	5 437	-	2 378	3 611	11 425	27 907
Q4	992	3 140	4 132	3 158	3 300	847	5 448	16 884	1 890	3 098	4 988	-	2 136	3 400	10 524	27 408
2010 Q1	1 141	3 442	4 583	3 473	3 535	848	5 806	18 245	1 954	3 286	5 240	1 604	1 283	2 004	10 131	28 376
Q2	1 183	3 584	4 767	3 606	3 662	866	5 882	18 782	2 020	3 571	5 591	1 801	1 305	2 023	10 719	29 501
Q3	1 304	3 921	5 225	3 402	3 526	1 012	6 177	19 341	1 969	3 797	5 766	1 713	1 238	2 080	10 797	30 138
Q4	1 265	3 892	5 157	3 059	3 650	824	5 846	18 536	1 928	3 750	5 679	1 723	1 249	2 183	10 834	29 370
2011 Q1	1 310	4 019	5 330	3 628	3 645	809	5 765	19 177	1 824	3 707	5 531	1 878	1 260	2 249	10 919	30 096
Q2	1 259	4 066	5 325	4 010	3 387	850	6 053	19 625	1 824	3 727	5 551	1 877	1 247	2 197	10 872	30 498
Q3	1 207	4 194	5 401	3 833	3 208	839	6 168	19 449	1 768	3 751	5 519	2 006	1 269	2 229	11 022	30 471
Q4	1 147	4 119	5 266	3 849	3 071	867	6 286	19 339	1 807	3 974	5 781	1 994	1 274	2 286	11 334	30 672
2012 Q1	1 089	4 345	5 434	3 617	2 917	936	5 796	18 699	1 837	3 920	5 757	1 915	1 278	2 386	11 337	30 036
Q2	972	3 983	4 954	3 394	2 725	938	5 844	17 856	1 893	3 764	5 657	2 007	1 210	2 299	11 173	29 029
Q3	1 006	3 964	4 970	3 663	2 658	927	5 441	17 660	1 955	3 762	5 717	1 837	1 221	2 290	11 065	28 725
Q4	983	4 091	5 074	3 751	2 578	1 009	5 546	17 957	1 961	3 675	5 637	1 913	1 251	2 288	11 089	29 046
2013 Q1	968	4 211	5 180	3 780	2 490	951	5 648	18 048	1 907	3 835	5 742	1 951	1 307	2 305	11 306	29 354
Q2	1 043	4 422	5 465	3 784	2 573	875	5 717	18 414	1 883	3 979	5 862	1 903	1 333	2 476	11 575	29 989
Q3	1 104	4 719	5 822	3 785	2 653	869	6 132	19 261	1 857	4 139	5 996	2 082	1 361	2 486	11 925	31 186
Q4	1 228	5 027	6 255	3 984	2 533	863	6 132	19 768	1 898	4 217	6 115	2 149	1 348	2 494	12 107	31 875
2014 Q1	1 345	5 439	6 784	3 837	2 496	986	6 377	20 480	1 939	4 493	6 432	2 164	1 348	2 547	12 490	32 971
Q2	1 444	5 762	7 206	3 692	2 562	1 083	6 422	20 966	1 938	4 463	6 401	2 129	1 436	2 697	12 664	33 629
Q3	1 531	6 206	7 737	3 814	2 626	1 078	6 480	21 735	1 966	4 573	6 538	2 236	1 430	2 714	12 918	34 653
Q4	1 468	6 212	7 680	3 982	2 679	1 055	6 663	22 059	1 941	4 440	6 381	2 272	1 305	2 680	12 638	34 697
2015 Q1	1 376	6 287	7 663	4 595	2 538	1 170	6 566	22 533	1 979	4 429	6 408	2 361	1 233	2 674	12 677	35 210
Q2	1 314	6 682	7 996	4 754	2 611	1 150	6 700	23 212	1 980	4 664	6 644	2 099	1 157	2 715	12 616	35 828
Q3	1 113	6 539	7 651	4 746	2 681	1 256	6 711	23 045	1 997	4 704	6 702	2 061	1 194	2 786	12 743	35 788
Q4	1 090	6 790	7 880	4 715	2 699	1 158	7 013	23 466	1 953	4 714	6 667	1 975	1 282	2 901	12 825	36 292
2016 Q1	1 148	7 254	8 401	4 571	2 683	1 076	7 143	23 874	1 961	4 772	6 733	1 906	1 225	2 874	12 738	36 612
Q2	1 153	7 569	8 722	4 449	2 843	1 213	7 367	24 593	1 912	4 874	6 786	2 101	1 227	2 879	12 993	37 586
Q3	1 215	7 757	8 972	4 635	2 846	1 126	7 534	25 113	1 819	5 107	6 926	1 986	1 213	2 935	13 060	38 173
Q4	1 326	7 982	9 309	4 749	2 853	1 185	7 772	25 868	1 881	5 325	7 206	2 073	1 202	3 052	13 532	39 400
2017 Q1	1 450	8 164	9 614	4 834	2 928	1 136	8 246	26 757	1 873	5 475	7 348	2 178	1 256	3 163	13 945	40 702
Q2	1 501	8 466	9 967	4 886	2 853	1 184	8 270	27 160	1 924	5 612	7 537	2 147	1 286	3 103	14 072	41 233
Q3	1 562	8 732	10 293	4 994	2 779	1 295	8 227	27 589	1 904	5 628	7 533	2 231	1 292	3 193	14 248	41 836
Q4	1 559	9 267	10 826	5 012	2 745	1 271	8 026	27 880	1 897	5 654	7 551	2 261	1 170	3 248	14 230	42 110
2018 Q1	1 449	9 164	10 613	5 088	2 599	1 351	8 069	27 719	1 893	5 502	7 395	2 251	1 117	3 287	14 050	41 769
Q2	1 621	9 419	11 040	5 330	2 419	1 448	8 219	28 455	1 948	5 635	7 583	2 397	1 188	3 391	14 560	43 015

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

£ million

	New Housing			Other New Work				Repair and Maintenance				Other Work		All Repair and Mainte- ance	All Work	
	Public housing	Private housing	Total new housing	Excluding Infrastructure			Housing				Public	Private				
				Infra- structure	Public	Private indusr- ial	Private commec- ial	All new work	Public housing	Private housing			Total housing			Infra- structure
	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	4 924	16 398	21 322	15 320	13 311	3 365	24 272	77 590	7 223	15 159	22 383	7 755	5 050	8 960	44 147	121 737
2012	4 049	16 383	20 432	14 426	10 878	3 810	22 627	72 172	7 646	15 121	22 768	7 672	4 961	9 263	44 664	116 836
2013	4 343	18 379	22 722	15 333	10 249	3 558	23 629	75 492	7 545	16 170	23 715	8 086	5 350	9 761	46 912	122 404
2014	5 788	23 619	29 407	15 325	10 363	4 202	25 943	85 240	7 783	17 969	25 752	8 801	5 519	10 638	50 710	135 950
2015	4 893	26 298	31 190	18 811	10 530	4 735	26 991	92 257	7 910	18 511	26 421	8 496	4 867	11 077	50 861	143 118
2016	4 842	30 562	35 404	18 403	11 226	4 601	29 816	99 448	7 572	20 078	27 651	8 067	4 867	11 739	52 323	151 772
2017	6 072	34 628	40 700	19 727	11 305	4 886	32 768	109 387	7 599	22 369	29 968	8 817	5 003	12 707	56 495	165 882

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

		2014	2014	2014	2014	2015	2015	2015	2015	2016	2016	2016	2016	2017	2017	2017	2017	2018
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>PUBLIC HOUSING</b>	<b>MV6L</b>	1 281	1 488	1 537	1 482	1 313	1 359	1 117	1 103	1 086	1 197	1 219	1 340	1 382	1 550	1 565	1 575	1 384
<b>PRIVATE HOUSING</b>	<b>MV6M</b>	5 049	5 963	6 249	6 358	5 850	6 925	6 571	6 952	6 781	7 864	7 787	8 130	7 763	8 677	8 731	9 457	8 653
<b>INFRASTRUCTURE</b>																		
Water	<b>MV73</b>	217	222	128	124	134	161	179	178	161	150	195	255	288	326	353	347	309
Sewerage	<b>MV74</b>	98	103	80	85	94	111	117	126	147	155	177	172	216	248	262	264	251
Electricity	<b>MV75</b>	1 176	1 042	1 168	1 443	1 859	2 038	2 124	2 093	1 903	1 866	2 030	2 184	2 176	2 285	2 319	2 123	1 872
Roads	<b>MV76</b>	585	627	747	803	875	1 006	1 050	1 105	1 059	1 106	1 181	1 172	1 069	1 017	1 041	1 094	1 170
Railways	<b>MV77</b>	1 008	1 016	1 091	951	815	764	718	702	632	687	689	647	584	643	747	905	959
Harbours	<b>MV78</b>	166	204	262	265	251	260	239	225	193	189	189	175	153	159	169	184	204
Other <sup>1</sup>	<b>MV79</b>	423	485	411	396	402	410	397	380	314	282	264	226	192	187	181	195	155
<b>TOTAL</b>	<b>MV6N</b>	3 672	3 700	3 887	4 066	4 430	4 748	4 825	4 809	4 411	4 436	4 725	4 831	4 678	4 865	5 073	5 112	4 920
of which																		
public	<b>MV7A</b>	1 390	1 417	1 498	1 504	1 581	1 703	1 722	1 753	1 597	1 673	1 749	1 750	1 637	1 726	1 868	2 088	2 168
private	<b>MV7B</b>	2 283	2 282	2 389	2 562	2 848	3 044	3 103	3 056	2 814	2 763	2 976	3 081	3 041	3 139	3 204	3 024	2 752
<b>OTHER PUBLIC NON-HOUSING</b>																		
Factories	<b>MV7C</b>	28	24	35	34	27	23	20	19	19	23	28	32	35	36	34	30	31
Warehouses	<b>MV7D</b>	7	8	12	9	4	3	3	5	4	4	3	4	6	7	6	3	2
Oil, Steel, Coal	<b>MV7E</b>	7	7	7	5	4	2	3	2	1	1	1	—	—	—	—	—	—
Schools & Colleges	<b>MV7F</b>	1 030	1 149	990	1 048	937	1 085	1 229	1 145	1 027	1 148	1 247	1 128	1 093	1 086	1 094	975	823
Universities	<b>MV7G</b>	256	308	452	437	427	470	506	424	356	368	384	345	330	353	394	368	324
Health	<b>MV7H</b>	376	415	545	428	297	314	397	429	451	570	671	608	551	508	524	469	385
Offices	<b>MV7I</b>	163	154	175	100	92	108	127	122	121	146	175	178	178	207	244	227	179
Entertainment	<b>MV7J</b>	139	168	210	205	198	207	231	218	204	227	222	171	141	167	206	218	219
Garages, Shops	<b>MV7Z</b>	47	35	49	48	42	54	66	61	51	51	52	63	79	109	137	133	140
Agriculture, Miscellaneous	<b>MV82</b>	248	253	373	377	314	309	327	277	243	268	313	315	314	330	361	353	305
<b>TOTAL</b>	<b>MV6O</b>	2 301	2 523	2 849	2 691	2 342	2 575	2 909	2 703	2 478	2 808	3 095	2 845	2 727	2 804	2 999	2 776	2 409
<b>PRIVATE INDUSTRIAL</b>																		
Factories	<b>MV83</b>	536	591	608	574	643	671	748	643	552	632	650	643	574	639	750	689	674
Warehouses	<b>MV84</b>	356	464	490	455	472	467	521	495	459	563	514	525	487	542	600	570	586
Oil, Steel, Coal	<b>MV85</b>	54	35	24	12	12	13	23	25	20	17	13	13	10	9	8	8	10
<b>TOTAL</b>	<b>MV6P</b>	946	1 091	1 123	1 042	1 127	1 151	1 293	1 163	1 031	1 212	1 176	1 181	1 072	1 190	1 358	1 266	1 269
<b>PRIVATE COMMERCIAL</b>																		
Schools, Universities	<b>MV86</b>	771	992	1 042	1 138	1 097	1 141	1 142	1 126	1 101	1 206	1 335	1 381	1 406	1 446	1 447	1 322	1 208
Health	<b>MV87</b>	293	327	331	299	239	254	271	287	295	314	327	291	256	236	224	207	222
Offices	<b>MV88</b>	1 643	1 896	2 034	1 910	1 868	2 066	2 263	2 364	2 347	2 601	2 861	2 809	2 811	2 958	3 072	2 945	2 785
Entertainment	<b>MV89</b>	1 074	1 268	1 372	1 467	1 271	1 319	1 365	1 391	1 336	1 461	1 606	1 646	1 713	1 822	2 000	2 018	2 000
Garages	<b>MV8A</b>	148	76	71	66	59	66	81	93	91	93	98	110	131	156	158	136	122
Shops	<b>MV8B</b>	1 415	1 193	1 382	1 575	1 438	1 454	1 473	1 433	1 277	1 260	1 299	1 297	1 288	1 307	1 316	1 183	1 111
Agriculture, Miscellaneous	<b>MV8C</b>	713	598	525	323	289	327	388	427	397	362	323	292	281	308	321	303	268
<b>TOTAL</b>	<b>MV6Q</b>	6 058	6 350	6 757	6 778	6 262	6 625	6 984	7 120	6 845	7 297	7 848	7 826	7 885	8 232	8 538	8 113	7 716
<b>TOTAL NEW WORK</b>	<b>MV6R</b>	19 309	21 115	22 401	22 416	21 324	23 384	23 698	23 851	22 630	24 814	25 851	26 153	25 506	27 318	28 263	28 300	26 351

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

£ million

		2016	2016	2016	2017	2017	2017	2017	2018
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>NORTH EAST</b>									
New Housing									
Housing		35	32	29	26	37	39	44	45
Private	MV8D	311	315	332	320	357	346	366	327
Total Housing	N3QP	346	348	361	346	393	385	410	372
Infrastructure	MV8F	222	267	334	392	385	323	258	212
Other New Work									
Excluding Infrastructure									
Public	MV8G	108	125	108	91	77	73	76	73
Private Industrial	MV8H	44	42	36	38	47	56	49	42
Private Commercial	MV8I	168	165	193	212	240	244	236	223
All New Work	MV8J	888	947	1 032	1 079	1 143	1 081	1 029	922
Repair and Maintenance									
Housing	MV8K	154	173	191	181	201	207	194	169
Other New Work									
Public	MV8L	35	45	38	30	43	54	34	28
Private	MV8M	80	90	80	88	110	114	111	96
Infrastructure	MV8N	55	55	59	56	48	47	46	41
All Repair and Maintenance	MV8O	324	363	368	355	402	422	385	334
All Work	MV8P	1 212	1 310	1 400	1 434	1 545	1 503	1 414	1 256
<b>YORKSHIRE AND THE HUMBER</b>									
New Housing									
Public	MV8Q	91	83	93	84	99	101	101	88
Private	MV8R	593	579	619	583	653	641	678	636
Total Housing	N3QQ	684	661	711	667	752	742	779	723
Infrastructure	MV8S	301	365	374	355	359	376	341	301
Other New Work									
Excluding Infrastructure									
Public	MV8T	197	208	179	159	173	200	192	147
Private Industrial	MV8U	192	146	123	85	72	85	82	98
Private Commercial	MV8V	403	465	505	542	570	562	484	429
All New Work	MV8W	1 778	1 845	1 892	1 808	1 927	1 965	1 878	1 698
Repair and Maintenance									
Housing	MV8X	529	574	582	491	455	428	426	401
Other New Work									
Public	MV8Y	57	73	54	64	63	88	65	68
Private	MV8Z	219	242	229	245	253	261	283	284
Infrastructure	MV92	291	328	364	373	371	392	390	409
All Repair and Maintenance	MV93	1 096	1 217	1 229	1 173	1 142	1 169	1 164	1 162
All Work	MV94	2 874	3 062	3 121	2 981	3 069	3 134	3 042	2 860
<b>EAST MIDLANDS</b>									
New Housing									
Public	MV95	45	43	48	51	63	64	63	51
Private	MV96	578	549	543	495	535	524	550	483
Total Housing	N3QR	623	591	591	546	598	587	613	534
Infrastructure	MV97	366	410	423	375	340	387	410	416
Other New Work									
Excluding Infrastructure									
Public	MV98	182	203	179	158	147	132	104	80
Private Industrial	MV99	148	164	168	160	198	230	208	233
Private Commercial	MV9A	363	416	416	397	385	386	329	301
All New Work	MV9B	1 682	1 784	1 777	1 636	1 668	1 721	1 665	1 563
Repair and Maintenance									
Housing	MV9C	275	306	301	319	368	426	434	410
Other New Work									
Public	MV9D	69	73	61	68	73	117	112	98
Private	MV9E	187	208	212	198	176	194	202	197
Infrastructure	MV9F	118	102	95	89	96	118	122	153
All Repair and Maintenance	MV9G	649	689	669	674	713	855	870	858
All Work	MV9H	2 331	2 473	2 446	2 310	2 381	2 576	2 535	2 421
<b>EAST OF ENGLAND</b>									
New Housing									
Public	MV9I	68	78	91	102	125	129	138	117
Private	MV9J	606	605	632	610	694	712	787	715
Total Housing	N3QS	674	683	723	712	819	841	925	832
Infrastructure	MV9K	369	366	337	404	493	605	656	619
Other New Work									
Excluding Infrastructure									
Public	MV9L	240	243	198	179	207	232	231	203
Private Industrial	MV9M	85	119	154	138	130	127	145	122
Private Commercial	MV9N	600	717	777	801	805	794	717	654
All New Work	MV9O	1 968	2 127	2 190	2 235	2 455	2 598	2 672	2 429
Repair and Maintenance									
Housing	MV9P	996	976	983	927	989	1 051	1 037	951
Other New Work									
Public	MV9Q	133	169	145	136	134	141	106	118
Private	MV9R	301	322	333	323	302	323	303	288
Infrastructure	MV9S	278	235	225	239	240	263	259	232
All Repair and Maintenance	MV9T	1 708	1 702	1 686	1 625	1 665	1 778	1 705	1 589
All Work	MV9U	3 676	3 829	3 876	3 860	4 120	4 376	4 377	4 018

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

continued

£ million

		2016	2016	2016	2017	2017	2017	2017	2018
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>LONDON</b>									
New Housing									
Public	MV9V	357	394	456	479	517	484	443	368
Private	MV9W	1 769	1 734	1 818	1 744	1 954	1 988	2 153	1 967
Total Housing	N3QT	2 127	2 127	2 274	2 223	2 471	2 472	2 596	2 335
Infrastructure	MV9X	640	656	632	625	649	699	748	697
Other New Work									
Excluding Infrastructure									
Public	MV9Y	471	532	515	521	559	598	540	434
Private Industrial	MV9Z	79	81	82	69	67	64	57	57
Private Commercial	MVA2	2 475	2 589	2 432	2 408	2 483	2 662	2 640	2 546
All New Work	MVA3	5 792	5 985	5 935	5 845	6 229	6 495	6 579	6 069
Repair and Maintenance									
Housing	MVA4	1 251	1 337	1 416	1 408	1 402	1 397	1 349	1 240
Other New Work									
Public	MVA5	270	318	244	272	239	315	209	139
Private	MVA6	486	489	501	540	508	529	536	579
Infrastructure	MVA7	284	309	309	314	277	251	264	259
All Repair and Maintenance	MVA8	2 291	2 453	2 470	2 534	2 426	2 492	2 358	2 217
All Work	MVA9	8 083	8 438	8 405	8 379	8 655	8 987	8 937	8 286
<b>SOUTH EAST</b>									
New Housing									
Public	MVB2	139	131	129	123	129	125	125	103
Private	MVB3	1 051	1 028	1 084	1 015	1 119	1 119	1 214	1 115
Total Housing	N3QU	1 190	1 159	1 214	1 138	1 248	1 244	1 339	1 219
Infrastructure	MVB4	481	542	600	634	663	672	696	720
Other New Work									
Excluding Infrastructure									
Public	MVB5	388	441	400	400	416	452	412	376
Private Industrial	MVB6	152	145	139	111	107	122	125	154
Private Commercial	MVB7	795	826	821	827	891	930	906	893
All New Work	MVB8	3 006	3 112	3 173	3 111	3 325	3 420	3 478	3 362
Repair and Maintenance									
Housing	MVB9	1 291	1 364	1 414	1 378	1 397	1 478	1 509	1 342
Other New Work									
Public	MVBN	197	251	195	204	211	266	218	199
Private	MVC2	369	424	447	445	450	475	419	407
Infrastructure	MVC3	237	210	227	248	227	235	250	246
All Repair and Maintenance	MVC4	2 094	2 249	2 283	2 275	2 285	2 454	2 396	2 194
All Work	MVC5	5 100	5 361	5 456	5 386	5 610	5 874	5 874	5 556
<b>SOUTH WEST</b>									
New Housing									
Public	MVC6	72	80	91	92	96	105	106	104
Private	MVC7	782	800	792	717	798	780	813	700
Total Housing	N3QV	854	881	882	809	894	885	918	804
Infrastructure	MVC8	335	349	332	287	282	249	226	209
Other New Work									
Excluding Infrastructure									
Public	MVC9	166	176	187	199	241	297	307	295
Private Industrial	MVD2	62	67	78	90	120	157	143	139
Private Commercial	MVD3	466	478	465	457	490	523	519	514
All New Work	MVD4	1 882	1 950	1 945	1 842	2 027	2 110	2 113	1 961
Repair and Maintenance									
Housing	MVD5	593	596	612	701	835	878	921	859
Other New Work									
Public	MVD6	79	94	82	80	80	105	82	68
Private	MVD7	232	232	223	203	212	225	229	235
Infrastructure	MVD8	194	159	153	166	140	157	148	142
All Repair and Maintenance	MVD9	1 098	1 081	1 070	1 150	1 267	1 365	1 380	1 304
All Work	MVDD	2 980	3 031	3 015	2 992	3 294	3 475	3 493	3 265
<b>WALES</b>									
New Housing									
Public	MVE2	27	27	30	34	43	44	47	42
Private	MVE3	206	209	228	224	260	261	274	243
Total Housing	N3QW	233	235	258	257	303	305	321	285
Infrastructure	MVE4	165	171	168	184	241	292	318	301
Other New Work									
Excluding Infrastructure									
Public	MVE5	164	162	136	126	125	151	170	185
Private Industrial	MVE6	38	39	38	31	28	28	25	24
Private Commercial	MVE7	160	174	190	207	225	236	221	225
All New Work	MVE8	760	782	790	805	922	1 012	1 055	1 020
Repair and Maintenance									
Housing	MVE9	262	278	270	209	231	203	209	200
Other New Work									
Public	MVF2	37	37	28	38	39	44	40	37
Private	MVF3	56	50	53	53	43	51	71	62
Infrastructure	MVF4	82	66	65	65	77	63	58	56
All Repair and Maintenance	MVF5	437	431	416	365	390	361	378	355
All Work	MVF6	1 197	1 213	1 206	1 170	1 312	1 373	1 433	1 375

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

continued

£ million

		2016	2016	2016	2017	2017	2017	2017	2018
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>WEST MIDLANDS</b>									
New Housing									
Public	MVF7	92	91	99	104	117	116	116	96
Private	MVF8	561	574	631	631	729	760	854	795
Total Housing	N3QX	654	665	730	735	846	877	970	891
Infrastructure	MVF9	186	168	139	109	121	169	234	299
Other New Work									
Excluding Infrastructure									
Public	MVFB	181	193	166	146	133	145	145	129
Private Industrial	MVG2	146	138	150	170	229	265	211	172
Private Commercial	MVG3	519	631	695	724	763	783	722	687
All New Work	MVG4	1 685	1 795	1 879	1 884	2 093	2 239	2 282	2 178
Repair and Maintenance									
Housing									
Public	MVG5	382	404	457	507	523	523	581	548
Other New Work									
Public	MVG6	77	93	92	82	75	89	74	72
Private	MVG7	344	362	368	385	410	434	448	427
Infrastructure	MVG8	101	110	124	134	171	189	175	188
All Repair and Maintenance	MVG9	904	969	1 041	1 108	1 179	1 235	1 278	1 235
All Work	MVGO	2 589	2 764	2 920	2 992	3 272	3 474	3 560	3 413
<b>NORTH WEST</b>									
New Housing									
Public	MVH2	110	99	99	104	118	141	164	157
Private	MVH3	870	868	906	903	1 003	1 038	1 176	1 141
Total Housing	N3QY	979	967	1 005	1 006	1 121	1 179	1 341	1 297
Infrastructure	MVH4	501	568	566	512	517	493	491	493
Other New Work									
Excluding Infrastructure									
Public	MVH5	320	346	317	292	278	271	231	211
Private Industrial	MVH6	187	160	138	104	102	114	108	116
Private Commercial	MVH7	677	664	627	616	684	755	761	725
All New Work	MVH8	2 663	2 706	2 653	2 531	2 703	2 813	2 932	2 842
Repair and Maintenance									
Housing									
Public	MVH9	539	537	568	570	548	542	545	524
Other New Work									
Public	MVI2	101	143	123	119	114	138	108	109
Private	MVI3	328	376	419	384	422	464	477	449
Infrastructure	MVI4	176	160	188	217	233	263	276	249
All Repair and Maintenance	MVI5	1 144	1 216	1 298	1 290	1 317	1 407	1 406	1 331
All Work	MVI6	3 807	3 922	3 951	3 821	4 020	4 220	4 338	4 173
<b>SCOTLAND</b>									
New Housing									
Public	MVI7	160	162	175	182	207	217	228	213
Private	MVI8	537	527	546	523	574	563	594	532
Total Housing	N3QZ	697	689	721	705	781	780	821	745
Infrastructure	MVI9	870	863	927	799	815	808	734	655
Other New Work									
Excluding Infrastructure									
Public	MVIJ	392	467	458	455	447	447	368	275
Private Industrial	MVJ2	80	77	77	76	89	111	113	114
Private Commercial	MVJ3	673	722	704	694	695	662	580	519
All New Work	MVJ4	2 712	2 817	2 887	2 729	2 828	2 808	2 616	2 308
Repair and Maintenance									
Housing									
Public	MVJ5	446	496	524	485	486	516	504	504
Other New Work									
Public	MVJ6	84	111	96	110	103	127	96	109
Private	MVJ7	232	227	215	216	183	201	210	180
Infrastructure	MVJ8	295	262	257	272	271	255	270	267
All Repair and Maintenance	MVJ9	1 057	1 096	1 092	1 083	1 043	1 099	1 080	1 060
All Work	MVK2	3 769	3 913	3 979	3 812	3 871	3 907	3 696	3 368

	New Housing				Other New Work				Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	MVO6	MVO7	MVO8	MVO9	MVP2	MVP3	MVP4	MV6U	N3OZ	N3P2	N3P3	N3P4	N3P5	N3P6
2012 Jul	-6.9	-6.0	-6.2	-4.9	-7.1	-3.1	-2.8	-4.8	3.9	-3.1	-0.8	-1.1	-1.0	-3.4
Aug	-3.9	-6.4	-5.9	3.0	-7.2	-6.4	-7.6	-5.0	2.1	-4.5	-2.3	-2.6	-2.5	-4.0
Sep	4.2	-1.5	-0.4	6.8	-3.2	-1.5	-8.0	-2.0	3.1	-1.2	0.2	-2.2	-1.0	-1.6
Oct	2.7	0.7	1.0	12.2	-	1.8	-5.0	1.1	1.4	-6.5	-3.9	-3.1	-3.5	-0.7
Nov	1.8	5.7	4.9	4.8	0.5	8.6	-1.9	2.3	2.1	-4.9	-2.5	0.8	-0.9	1.0
Dec	-2.0	3.8	2.6	1.3	-2.9	9.0	1.7	1.5	-0.2	-3.4	-2.3	1.4	-0.5	0.8
2013 Jan	-1.1	0.5	0.2	-3.6	-8.7	6.9	2.1	-1.0	-1.8	2.1	0.7	2.8	1.8	-
Feb	-0.8	-1.8	-1.6	-2.5	-8.5	1.4	2.5	-1.4	-3.4	3.9	1.3	0.4	0.9	-0.6
Mar	-2.2	-1.0	-1.3	-0.2	-5.3	-5.4	1.1	-1.1	-3.3	3.2	0.9	1.2	1.1	-0.3
Apr	1.5	4.2	3.7	1.8	0.8	-10.2	-0.5	0.8	-1.6	1.9	0.7	1.1	0.9	0.8
May	3.1	5.1	4.7	1.0	2.4	-13.5	-0.5	1.0	-2.7	1.3	-	1.4	0.7	0.9
Jun	7.6	9.4	9.0	-0.4	1.9	-12.2	-0.6	1.9	-3.5	2.3	0.4	1.9	1.1	1.6
Jul	6.4	6.8	6.8	-0.4	2.1	-9.8	1.5	2.2	-6.6	3.8	0.3	2.2	1.3	1.8
Aug	6.5	7.8	7.5	2.2	1.2	-1.6	3.0	3.7	-3.2	4.4	1.9	3.8	2.8	3.4
Sep	5.1	3.6	3.9	-1.1	2.3	-0.7	6.3	3.2	-0.9	3.6	2.1	2.6	2.4	2.9
Oct	7.9	4.8	5.3	0.7	0.8	2.8	5.8	3.8	4.6	2.6	3.2	3.5	3.4	3.6
Nov	10.0	3.5	4.7	-1.5	-0.3	-4.7	2.9	1.8	2.3	2.0	2.1	1.4	1.7	1.8
Dec	10.3	5.5	6.4	3.5	-4.8	0.8	-2.2	1.3	2.0	0.5	1.0	1.8	1.4	1.4
2014 Jan	7.2	7.4	7.3	-0.4	-6.6	1.1	-3.6	0.2	1.2	1.0	1.1	-0.4	0.3	0.3
Feb	6.2	8.4	7.9	-0.2	-6.3	10.4	-1.6	1.6	2.3	2.6	2.5	-	1.2	1.4
Mar	8.9	7.8	8.0	-4.0	-3.1	10.5	3.2	2.8	1.8	6.4	5.0	-1.0	2.0	2.5
Apr	9.0	2.8	4.0	-4.5	0.8	15.9	5.1	2.8	-0.6	6.7	4.4	0.8	2.6	2.7
May	9.3	3.5	4.6	-5.1	2.7	14.2	4.8	3.0	-0.3	3.7	2.4	2.3	2.4	2.8
Jun	7.9	3.9	4.7	-3.7	3.6	12.3	1.1	2.3	0.7	-0.7	-0.3	4.6	2.1	2.2
Jul	10.3	8.2	8.6	-0.3	1.3	5.7	-0.4	3.2	1.4	-2.6	-1.4	3.0	0.7	2.2
Aug	8.9	7.9	8.1	0.7	2.9	2.2	-1.0	3.0	2.1	-	0.6	2.4	1.5	2.5
Sep	6.3	8.3	7.9	3.5	2.8	0.1	0.5	3.8	1.0	2.3	1.9	0.7	1.3	2.9
Oct	2.7	5.2	4.7	3.5	5.8	-2.0	0.4	3.0	0.2	2.8	2.0	1.1	1.5	2.4
Nov	-1.1	4.2	3.1	6.1	3.4	-3.0	1.8	2.9	-1.2	-1.5	-1.4	0.1	-0.6	1.6
Dec	-3.9	1.1	0.1	4.4	2.2	-3.4	2.6	1.7	-1.8	-3.0	-2.6	-1.1	-1.8	0.3
2015 Jan	-7.5	1.9	-	8.2	-4.6	4.1	3.7	2.1	0.3	-3.4	-2.3	-1.1	-1.7	0.7
Feb	-6.7	-0.1	-1.4	9.4	-5.8	9.5	1.8	1.5	-0.3	-2.0	-1.5	-2.6	-2.0	0.2
Mar	-6.5	2.0	0.3	15.8	-6.7	11.1	-1.7	2.2	1.6	-0.6	-	-1.4	-0.7	1.1
Apr	-1.2	2.1	1.5	13.4	-1.8	4.1	-3.3	2.0	-0.9	1.2	0.6	-2.8	-1.1	0.9
May	-3.4	5.6	3.9	11.4	-0.7	-2.4	-3.1	2.4	0.9	4.2	3.1	-1.5	0.8	1.9
Jun	-4.2	4.4	2.8	3.2	2.7	-3.2	1.3	2.1	0.1	4.5	3.1	-3.9	-0.4	1.2
Jul	-12.5	2.5	-0.3	0.2	4.0	0.5	3.2	1.3	2.1	3.4	3.0	-2.5	0.3	1.0
Aug	-14.3	-1.8	-3.9	-1.9	5.3	7.0	3.9	0.2	0.4	1.4	1.1	-3.0	-0.9	-0.2
Sep	-15.4	-2.1	-4.4	-0.6	3.2	8.4	-0.3	-1.0	0.4	0.5	0.5	-0.2	0.1	-0.6
Oct	-11.4	-0.7	-2.4	-2.1	1.1	3.2	-0.2	-1.0	-0.6	0.7	0.3	-0.3	-	-0.6
Nov	-6.3	1.8	0.6	-3.9	0.7	-1.4	0.7	-0.4	-0.8	1.0	0.4	2.4	1.4	0.2
Dec	-2.5	4.5	3.5	-1.0	0.5	-5.7	4.2	1.9	-2.3	-0.1	-0.7	2.6	0.8	1.5
2016 Jan	1.9	5.3	4.8	-0.1	0.3	-6.1	3.6	2.4	-2.3	-0.5	-1.1	2.4	0.6	1.7
Feb	2.9	8.4	7.6	3.9	-0.2	-10.2	3.0	3.7	-1.2	-1.1	-1.1	0.3	-0.4	2.2
Mar	4.6	7.2	6.8	-2.7	-2.2	-7.3	1.0	1.5	-0.8	0.4	-	-3.7	-1.8	0.3
Apr	1.2	8.3	7.3	-2.8	-1.0	-2.7	0.4	1.9	-1.0	0.4	-0.1	-2.8	-1.4	0.7
May	0.7	3.9	3.4	-5.8	0.3	8.8	-0.1	0.5	-2.9	0.8	-0.3	-2.2	-1.2	-0.1
Jun	0.6	2.5	2.3	-3.3	5.2	7.5	2.3	1.8	-3.7	1.1	-0.3	3.7	1.6	1.7
Jul	4.7	-0.3	0.4	-1.2	4.7	2.7	2.7	1.3	-5.6	2.1	-0.2	1.9	0.8	1.2
Aug	6.0	0.8	1.5	0.7	2.9	-7.2	3.0	1.5	-6.5	3.4	0.5	1.8	1.1	1.4
Sep	5.1	2.1	2.5	3.5	-0.3	-6.9	1.6	1.6	-6.1	4.1	1.2	-1.1	0.1	1.1
Oct	3.9	2.8	3.0	1.2	-2.8	-2.4	1.7	1.4	-4.0	3.3	1.3	1.5	1.4	1.4
Nov	5.3	3.2	3.5	2.3	-2.2	4.4	1.9	2.2	-0.6	3.7	2.5	2.2	2.3	2.3
Dec	8.4	3.2	3.9	1.5	-1.0	5.5	2.4	2.5	2.2	3.6	3.3	3.8	3.5	2.9
2017 Jan	10.1	4.1	5.0	6.4	2.9	1.4	3.6	4.4	2.0	6.1	5.0	2.7	3.9	4.2
Feb	8.7	3.8	4.5	4.8	3.1	-3.7	5.6	4.3	1.7	4.6	3.8	3.6	3.7	4.1
Mar	8.4	2.7	3.6	3.3	2.1	-5.1	6.2	3.7	-0.6	2.8	1.9	2.5	2.2	3.2
Apr	5.3	1.1	1.7	-2.2	-1.0	-3.3	5.3	1.5	0.9	0.6	0.7	2.0	1.3	1.4
May	7.1	-0.1	1.0	-1.7	-2.0	-1.3	2.6	0.5	0.3	1.4	1.1	0.2	0.6	0.6
Jun	2.9	0.4	0.8	-0.1	-3.1	3.5	-0.3	-	2.0	2.0	2.0	0.4	1.2	0.4
Jul	4.7	0.9	1.5	1.3	-5.2	6.7	-2.0	-0.1	1.3	1.9	1.8	0.9	1.3	0.4
Aug	0.2	3.2	2.7	1.1	-4.9	11.5	-2.2	0.5	1.7	1.0	1.2	1.2	1.2	0.7
Sep	2.5	2.3	2.3	0.6	-3.8	7.7	-1.8	0.4	-1.1	-	-0.3	1.3	0.4	0.4
Oct	-1.4	3.1	2.4	0.5	-0.8	5.6	-2.1	0.6	-2.0	-0.6	-1.0	0.7	-0.2	0.3
Nov	-0.8	2.4	1.9	-1.0	-2.8	0.7	-3.3	-0.7	-3.0	-0.3	-1.0	1.3	0.1	-0.4
Dec	-1.2	5.7	4.6	-0.4	-1.9	-2.7	-3.1	0.5	-0.8	0.2	-0.1	0.3	0.1	0.3
2018 Jan	-1.1	5.2	4.3	2.9	-2.4	-3.3	-1.3	1.4	0.1	-0.3	-0.2	0.4	0.1	1.0
Feb	-3.2	5.2	3.9	5.7	-1.3	-0.8	0.2	2.4	1.2	-2.7	-1.7	-1.1	-1.4	1.1
Mar	-7.8	-	-1.2	2.6	-5.9	5.7	-0.1	-0.3	-0.6	-3.0	-2.4	-1.1	-1.8	-0.8
Apr	-3.6	-1.5	-1.8	-2.9	-8.9	6.7	-0.7	-2.0	-1.7	-4.0	-3.4	-1.2	-2.4	-2.1
May	0.8	-4.3	-3.6	-3.8	-9.7	7.7	-0.5	-2.8	-1.8	-0.7	-1.0	1.8	0.4	-1.7
Jun	10.4	-2.4	-0.6	2.6	-8.4	6.2	0.7	-	2.1	1.4	1.6	3.9	2.7	0.9

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.



# 3MOYSA CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE 3 MONTHS ON SAME PERIOD A YEAR EARLIER

%

	New Housing				Other New Work				Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
	N3P7	N3P8	N3P9	N3PA	N3PB	N3PC	N3PD	N3PE	N3PF	N3PG	N3PH	N3PI	N3PJ	N3PK
2012 Jul	-19.5	-7.6	-10.2	-21.4	-23.2	6.9	-9.9	-13.9	2.3	-1.3	-0.2	1.1	0.5	-8.8
Aug	-16.5	-10.5	-11.8	-14.5	-22.7	3.9	-13.3	-14.0	2.6	-3.9	-1.8	-1.5	-1.6	-9.6
Sep	-14.9	-8.1	-9.6	-9.5	-19.7	8.7	-15.5	-12.3	6.4	-4.9	-1.3	-3.1	-2.2	-8.7
Oct	-16.7	-4.7	-7.3	-1.8	-16.3	6.9	-15.1	-9.6	7.1	-10.2	-4.8	-3.1	-4.0	-7.5
Nov	-16.9	-1.2	-4.7	-3.0	-15.3	9.6	-15.7	-9.0	7.8	-12.2	-6.0	-0.9	-3.5	-7.0
Dec	-12.4	-2.2	-4.3	-7.4	-18.7	15.7	-15.0	-9.9	5.5	-12.0	-6.6	-2.7	-4.7	-7.9
2013 Jan	-14.2	-4.9	-6.9	-10.7	-22.5	14.8	-12.5	-11.0	3.3	-9.0	-5.1	-2.0	-3.6	-8.3
Feb	-11.1	-5.3	-6.5	-8.7	-22.7	11.8	-8.6	-9.4	1.8	-7.4	-4.5	-2.6	-3.6	-7.2
Mar	-10.0	-6.5	-7.2	0.3	-17.9	1.5	-6.0	-6.6	1.4	-6.4	-3.9	-0.7	-2.3	-5.0
Apr	-4.0	-0.9	-1.5	4.7	-14.5	-5.4	-6.1	-4.0	1.8	-5.7	-3.3	-0.4	-1.9	-3.2
May	0.1	2.1	1.7	6.3	-12.6	-10.8	-7.5	-3.3	-2.0	-4.3	-3.5	-0.1	-1.9	-2.7
Jun	7.4	10.6	10.0	7.6	-9.2	-10.8	-6.0	0.3	-4.1	0.8	-0.8	2.3	0.7	0.5
Jul	9.7	12.6	12.1	9.7	-6.0	-11.9	-1.9	3.1	-8.5	0.9	-2.2	3.0	0.3	2.0
Aug	10.9	17.6	16.2	5.5	-4.7	-6.3	3.1	5.6	-7.1	4.5	0.6	6.5	3.5	4.8
Sep	8.4	16.4	14.8	-0.4	-4.1	-10.1	8.6	5.6	-7.7	5.7	1.1	7.4	4.2	5.0
Oct	15.2	17.2	16.8	-1.6	-5.3	-11.0	9.2	5.8	-5.6	10.8	5.0	10.0	7.5	6.4
Nov	19.8	15.1	16.0	-0.8	-5.5	-17.8	8.1	5.1	-6.9	12.1	5.3	7.1	6.2	5.5
Dec	22.0	18.3	19.0	1.9	-6.0	-16.9	4.5	5.4	-5.7	10.0	4.5	7.8	6.1	5.7
2014 Jan	24.9	25.2	25.1	1.7	-3.1	-15.9	3.1	7.1	-2.7	9.6	5.4	6.6	6.0	6.7
Feb	28.2	27.1	27.3	1.5	-3.1	-10.5	3.8	8.3	-1.4	10.6	6.5	6.7	6.6	7.6
Mar	35.9	28.9	30.2	-2.0	-3.8	-2.9	6.7	9.6	-0.7	13.4	8.7	5.5	7.1	8.6
Apr	34.2	23.5	25.5	-4.6	-3.1	8.6	9.0	9.3	-1.7	14.8	9.2	6.3	7.8	8.7
May	35.9	25.1	27.2	-4.6	-2.9	18.2	9.3	10.5	0.9	13.2	9.2	7.6	8.4	9.7
Jun	36.3	22.5	25.1	-5.3	-2.3	24.2	8.5	10.0	3.7	10.1	8.0	8.3	8.1	9.3
Jul	39.1	25.1	27.7	-4.6	-3.8	27.3	6.9	10.4	6.7	7.7	7.4	7.0	7.2	9.2
Aug	39.1	25.3	27.9	-6.0	-1.3	22.8	5.0	9.8	6.5	8.5	7.9	6.1	7.0	8.7
Sep	37.8	28.0	29.9	-1.0	-1.8	25.3	2.5	10.7	5.6	8.7	7.7	6.2	6.9	9.2
Oct	32.5	25.6	26.9	-1.8	1.0	21.3	1.4	9.5	2.2	7.9	6.1	4.5	5.3	7.9
Nov	25.0	26.1	25.9	1.2	2.4	24.9	3.9	11.0	2.8	4.8	4.2	4.8	4.5	8.5
Dec	20.0	22.7	22.2	-0.1	5.4	20.1	7.6	11.0	1.7	4.9	3.9	3.2	3.5	8.1
2015 Jan	14.3	19.2	18.2	6.6	3.1	25.0	9.0	11.6	1.3	3.2	2.6	3.8	3.2	8.4
Feb	9.9	16.2	15.0	10.9	2.9	23.9	7.4	10.9	0.3	0.2	0.2	2.1	1.1	7.1
Mar	3.0	16.1	13.5	20.5	1.5	20.8	2.5	10.3	1.4	-2.1	-1.0	2.7	0.8	6.7
Apr	3.6	18.4	15.4	26.5	0.4	12.3	0.2	10.7	1.0	-2.1	-1.2	0.1	-0.6	6.4
May	-2.9	18.6	14.2	30.2	-0.5	5.9	-0.6	10.3	1.5	0.6	0.9	-1.7	-0.4	6.2
Jun	-8.6	16.6	11.4	29.1	0.6	4.1	2.7	10.2	0.8	3.0	2.3	-5.7	-1.7	5.7
Jul	-17.8	12.1	5.9	27.3	3.2	6.8	3.9	8.8	1.6	3.9	3.2	-5.3	-1.0	5.1
Aug	-23.6	7.9	1.4	26.9	1.8	10.9	4.3	7.2	-0.1	2.0	1.3	-6.9	-2.8	3.4
Sep	-27.2	5.4	-1.3	24.0	1.1	12.6	1.9	5.1	0.3	1.2	0.9	-6.5	-2.8	2.1
Oct	-29.1	5.9	-1.3	20.4	-1.4	12.5	3.3	4.5	0.8	1.9	1.5	-6.5	-2.5	1.9
Nov	-27.5	5.5	-1.0	14.9	-0.9	12.7	3.2	3.7	0.2	4.5	3.2	-4.8	-0.8	2.1
Dec	-26.1	8.9	2.1	17.5	-0.6	10.0	3.4	5.3	-0.3	4.3	2.9	-3.1	-0.1	3.3
2016 Jan	-21.9	9.4	3.5	11.2	3.6	1.4	3.3	4.8	-1.7	4.9	2.8	-3.2	-0.2	2.9
Feb	-20.1	14.5	8.0	9.1	5.0	-7.6	4.4	6.0	-0.7	5.5	3.5	-2.0	0.8	4.1
Mar	-17.3	14.4	8.6	-1.2	4.1	-8.3	6.2	4.5	-2.6	5.4	2.9	-5.3	-1.2	2.5
Apr	-20.0	16.1	9.4	-4.6	4.5	-5.3	7.2	4.6	-1.9	4.0	2.1	-3.2	-0.5	2.8
May	-16.7	12.6	7.5	-7.7	6.1	3.1	7.6	4.0	-4.4	2.1	0.1	-2.6	-1.2	2.1
Jun	-13.1	12.4	8.1	-7.4	6.6	1.9	7.2	4.2	-6.3	1.9	-0.6	2.2	0.7	3.0
Jul	-4.3	12.9	10.2	-6.0	5.2	-3.3	6.7	4.6	-9.2	2.6	-1.0	1.2	0.1	3.0
Aug	3.0	15.6	13.6	-5.3	3.7	-10.6	6.7	5.3	-11.0	4.1	-0.5	2.2	0.8	3.7
Sep	7.9	17.2	15.8	-3.6	3.0	-12.5	9.3	6.9	-12.4	5.6	0.1	1.3	0.7	4.7
Oct	12.3	16.9	16.2	-2.8	1.0	-8.5	8.7	7.1	-12.3	5.3	-	2.9	1.4	5.0
Nov	15.7	17.2	16.9	0.8	0.7	-5.3	7.9	8.1	-10.9	6.9	1.6	2.0	1.8	5.8
Dec	19.9	15.7	16.3	-1.2	1.5	-2.1	7.5	7.6	-8.3	9.5	4.2	2.6	3.4	6.1
2017 Jan	21.3	15.6	16.4	3.5	3.7	-1.2	8.6	9.3	-8.5	12.3	6.1	3.3	4.7	7.6
Feb	22.3	12.2	13.6	1.7	4.1	1.6	10.6	8.8	-8.2	13.0	6.6	5.4	6.0	7.8
Mar	24.2	10.9	12.8	4.9	6.0	0.2	13.1	10.0	-8.1	12.2	6.2	9.2	7.6	9.2
Apr	26.1	7.9	10.3	4.1	3.7	-1.7	13.9	8.9	-6.7	12.5	6.8	8.4	7.6	8.4
May	30.0	7.9	10.9	6.1	1.6	-7.9	13.6	8.8	-5.2	13.7	8.1	7.9	8.0	8.5
Jun	27.0	8.6	11.1	8.3	-2.3	-3.6	10.2	8.1	-2.6	13.1	8.6	5.7	7.2	7.8
Jul	26.1	9.2	11.5	6.7	-6.1	2.1	8.6	7.3	0.1	12.4	9.0	7.2	8.1	7.6
Aug	22.8	10.4	12.2	6.5	-6.0	10.6	7.9	7.8	3.1	11.0	8.8	7.2	8.1	7.9
Sep	24.0	8.8	11.0	5.3	-5.8	11.6	6.5	6.8	2.5	8.6	7.0	8.2	7.6	7.0
Oct	19.7	9.5	10.9	6.0	-4.1	10.5	4.6	6.5	2.2	8.1	6.6	6.4	6.5	6.5
Nov	15.7	9.6	10.4	3.1	-6.6	6.7	2.4	4.7	0.6	6.8	5.1	6.3	5.7	5.1
Dec	13.0	11.5	11.7	3.3	-6.6	2.9	0.8	4.6	-0.5	5.0	3.5	4.5	4.0	4.4
2018 Jan	7.6	10.7	10.2	2.5	-9.1	5.3	-0.3	3.4	0.4	1.7	1.3	4.0	2.6	3.1
Feb	3.1	11.0	9.8	4.0	-10.6	9.9	-2.8	2.8	0.1	-0.7	-0.5	1.5	0.4	2.0
Mar	-3.8	8.5	6.7	2.6	-13.9	14.6	-5.2	0.5	-0.6	-1.0	-0.9	0.8	-0.1	0.3
Apr	-1.5	7.8	6.4	1.8	-16.4	16.2	-6.0	-0.2	-2.2	-3.0	-2.8	0.7	-1.1	-0.5
May	-3.0	6.3	4.8	1.8	-17.6	20.0	-5.7	-0.6	-2.0	-2.7	-2.6	3.1	0.2	-0.3
Jun	3.2	5.5	5.2	5.4	-18.6	17.7	-4.3	0.5	-0.5	-1.6	-1.3	4.3	1.4	0.8

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

Index 2016 = 100

	New Housing			Other New Work					Repair and Maintenance				All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infrastr- ucture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6
1997	54.6	46.9	47.7	62.6	55.3	57.0	53.1	54.3	56.1	37.1	43.1	56.6	48.7	51.9
1998	57.9	50.1	50.8	62.4	57.4	60.4	57.2	57.2	58.7	38.4	44.5	58.9	50.5	54.4
1999	62.2	55.0	55.7	63.1	59.3	59.9	61.1	60.4	60.3	39.3	45.4	60.2	51.7	56.8
2000	64.7	57.8	58.6	70.4	62.0	63.1	63.8	63.7	63.1	41.0	47.2	62.9	54.1	59.7
2001	69.1	63.0	63.7	73.0	67.7	61.7	69.1	68.0	67.5	41.7	48.5	65.2	56.0	62.9
2002	73.4	68.8	69.3	73.5	69.5	71.5	74.4	72.7	68.5	44.5	50.3	67.9	58.3	66.6
2003	77.9	72.2	72.8	72.5	73.0	74.5	79.5	75.6	70.4	49.5	55.1	74.9	64.2	70.9
2004	83.7	74.8	75.7	73.1	76.8	78.8	80.0	77.6	70.9	54.4	59.2	78.8	68.0	73.9
2005	90.5	79.2	80.3	76.0	82.5	86.4	86.2	82.8	73.8	61.2	65.1	82.8	73.4	79.1
2006	96.9	82.6	84.1	81.5	86.0	89.2	90.4	87.1	78.8	66.6	70.4	84.6	77.2	83.4
2007	102.1	85.1	87.1	87.0	90.5	93.0	93.5	90.9	83.7	73.0	76.2	88.4	82.2	87.7
2008	107.0	89.7	92.0	87.9	97.2	99.5	94.4	94.2	88.1	78.6	81.5	91.1	86.2	91.1
2009	105.7	90.7	93.3	84.8	95.4	93.4	91.6	92.2	90.0	81.3	84.1	92.8	88.3	90.6
2010	100.8	90.9	92.8	84.6	87.7	85.1	86.2	88.2	89.4	82.4	84.6	93.0	88.5	88.3
2011	99.2	92.1	93.4	88.3	87.9	89.1	86.1	89.3	89.2	86.0	87.0	93.8	90.2	89.6
2012	97.5	94.3	94.7	93.0	90.9	92.1	89.1	92.1	92.4	90.3	90.9	94.8	92.7	92.3
2013	98.1	96.7	96.8	96.7	94.7	94.7	93.0	95.4	95.1	94.4	94.5	96.4	95.3	95.3
2014	99.0	99.1	98.9	98.7	96.4	96.4	96.1	97.6	95.7	96.0	95.9	98.1	96.9	97.3
2015	98.9	98.9	98.8	98.8	97.3	97.3	97.4	98.2	96.7	97.4	97.1	99.2	98.1	98.1
2016	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
2017	103.0	103.0	103.0	101.7	103.0	103.4	102.2	102.5	102.8	101.6	102.0	100.6	101.3	102.1

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	New Housing			Other New Work				Repair and Maintenance					All Repair and Maintena- nce	All Work
	Public housing	Private housing	Total new housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Non housing R&M		
					Public	Private industri- al	Private commerci- al		Public housing	Private housing	Total housing			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6
2003 Q3	78.7	72.8	73.4	72.9	73.5	75.5	80.1	76.2	69.9	49.6	55.2	76.6	65.0	71.5
Q4	79.9	73.2	73.9	72.9	74.2	75.5	80.8	76.7	69.9	52.2	56.9	76.4	65.8	72.3
2004 Q1	81.6	73.7	74.5	72.9	75.1	75.5	79.9	76.7	70.0	52.4	57.6	77.3	66.4	72.6
Q2	82.9	74.2	75.2	72.9	76.0	76.8	79.3	76.9	70.3	53.1	58.1	78.0	67.0	73.1
Q3	84.6	75.3	76.2	73.1	77.4	80.1	79.9	77.9	71.5	54.8	59.5	79.9	68.6	74.3
Q4	86.0	76.0	77.0	73.4	78.8	83.2	81.0	79.0	71.9	57.6	61.8	79.8	70.0	75.5
2005 Q1	87.7	77.1	78.2	74.1	80.3	84.8	82.9	80.4	72.9	58.8	63.4	80.9	71.5	76.8
Q2	89.6	78.6	79.7	75.2	81.9	86.3	85.5	82.2	73.9	61.0	65.0	83.3	73.5	78.8
Q3	91.6	80.1	81.2	76.7	83.5	87.2	87.3	83.7	74.2	61.8	65.4	83.4	73.9	79.9
Q4	93.4	80.9	82.2	78.1	84.7	87.4	89.1	85.1	74.3	63.6	66.7	83.7	74.7	81.1
2006 Q1	95.1	82.5	83.9	79.4	85.3	87.7	89.9	86.3	77.0	64.4	68.3	84.2	75.8	82.3
Q2	96.5	82.5	84.0	80.9	85.8	88.9	90.5	86.9	79.4	65.9	69.9	84.4	76.8	83.1
Q3	97.6	82.5	84.1	82.3	86.3	90.0	90.6	87.4	79.7	67.1	71.2	84.7	77.7	83.8
Q4	98.5	82.9	84.6	83.6	86.9	90.5	90.8	88.0	79.0	69.0	72.1	84.9	78.4	84.4
2007 Q1	100.1	84.1	86.0	85.3	87.8	91.0	91.5	89.0	80.3	70.5	73.7	85.0	79.2	85.4
Q2	101.5	84.8	86.8	86.7	89.3	92.1	92.4	90.1	84.0	71.5	75.2	88.7	81.7	87.0
Q3	102.8	85.4	87.5	87.6	91.2	93.6	94.9	91.7	85.3	73.3	76.9	89.8	83.3	88.7
Q4	104.3	86.4	88.5	88.4	93.4	95.6	95.2	92.8	85.4	76.6	79.2	90.0	84.5	89.7
2008 Q1	105.6	87.9	90.1	88.4	95.2	97.6	94.8	93.6	85.3	76.8	79.5	90.2	84.8	90.3
Q2	106.9	89.4	91.6	88.3	96.9	99.6	94.9	94.3	88.2	78.3	81.4	91.1	86.1	91.1
Q3	107.4	90.6	92.9	87.5	97.8	100.5	94.1	94.5	88.8	79.5	82.4	91.4	86.9	91.5
Q4	108.3	91.7	94.0	87.3	98.6	101.0	93.9	94.9	89.7	79.8	82.7	91.8	87.0	91.6
2009 Q1	107.5	91.7	94.1	86.0	98.2	99.0	92.9	94.1	92.1	81.8	85.1	91.6	88.3	91.7
Q2	106.6	90.4	93.0	85.0	96.9	95.5	91.8	92.6	89.3	81.1	83.7	91.9	87.7	90.6
Q3	105.6	90.4	93.2	84.6	95.0	91.6	91.7	92.0	88.7	81.3	83.8	93.8	88.7	90.6
Q4	103.9	90.3	93.0	84.1	92.5	87.7	89.5	90.2	89.8	81.0	83.9	93.8	88.7	89.6
2010 Q1	102.4	90.6	93.2	84.0	89.8	85.3	87.7	88.9	89.4	82.1	84.7	93.6	88.9	88.9
Q2	101.2	91.0	93.0	84.2	88.0	84.4	86.4	88.2	89.1	82.4	84.6	92.4	88.2	88.2
Q3	100.2	90.9	92.8	84.7	86.9	84.9	85.6	87.9	89.2	82.4	84.5	92.6	88.3	88.0
Q4	99.7	90.9	92.6	85.5	86.6	85.9	85.5	88.0	89.4	82.8	84.8	93.1	88.6	88.2
2011 Q1	99.5	91.1	92.8	86.7	86.9	86.5	85.7	88.3	88.4	84.6	85.8	93.4	89.4	88.7
Q2	99.4	91.6	93.1	87.7	87.5	87.9	86.2	88.9	88.7	85.6	86.5	93.5	89.8	89.2
Q3	99.2	92.3	93.5	88.7	88.3	90.2	86.1	89.5	89.1	86.5	87.3	94.0	90.5	89.9
Q4	98.9	93.2	94.2	90.2	89.1	91.9	86.6	90.3	90.6	87.4	88.3	94.2	91.1	90.6
2012 Q1	98.4	93.9	94.6	91.6	89.9	92.5	87.9	91.3	91.6	89.3	90.0	95.2	92.4	91.7
Q2	97.8	94.0	94.6	92.6	90.6	92.1	88.8	91.9	92.4	89.4	90.3	95.0	92.5	92.1
Q3	97.2	94.4	94.8	93.4	91.3	91.7	89.8	92.5	92.5	90.9	91.3	94.3	92.7	92.6
Q4	96.8	94.7	95.0	94.2	92.0	91.9	89.8	92.9	93.1	91.6	92.0	94.5	93.2	93.0
2013 Q1	97.1	95.1	95.3	95.1	93.1	93.1	91.1	93.8	93.8	93.3	93.3	94.8	94.0	93.8
Q2	97.7	95.7	95.9	96.0	94.2	94.4	92.3	94.7	95.7	93.8	94.3	96.7	95.4	95.0
Q3	98.4	96.8	97.0	97.1	95.3	95.4	93.2	95.7	95.3	94.6	94.8	96.9	95.7	95.7
Q4	99.1	98.6	98.5	98.3	96.2	96.2	95.1	97.2	95.5	95.6	95.6	97.0	96.2	96.8
2014 Q1	99.4	99.4	99.2	99.0	97.1	97.0	96.4	98.1	95.9	96.4	96.2	98.1	97.1	97.7
Q2	99.2	99.2	99.0	98.8	96.1	96.1	95.6	97.5	95.0	95.6	95.4	97.5	96.4	97.1
Q3	99.0	99.0	98.8	98.7	96.4	96.4	96.1	97.6	95.6	96.1	95.9	98.2	97.0	97.4
Q4	98.7	98.7	98.6	98.4	96.4	96.4	96.2	97.5	96.0	96.2	96.1	98.3	97.1	97.4
2015 Q1	98.7	98.7	98.6	98.5	97.3	97.3	96.9	97.9	96.7	97.0	96.8	99.1	97.8	97.9
Q2	98.8	98.8	98.7	98.7	97.4	97.4	97.0	98.0	96.1	97.0	96.7	98.8	97.7	97.9
Q3	98.9	98.9	98.9	98.8	97.3	97.3	97.7	98.3	96.8	97.7	97.4	99.3	98.3	98.3
Q4	99.2	99.2	99.2	99.1	97.5	97.5	98.0	98.6	96.9	98.0	97.7	99.6	98.6	98.6
2016 Q1	99.5	99.5	99.5	99.5	99.0	99.0	99.2	99.3	98.4	99.2	98.8	100.3	99.5	99.4
Q2	99.7	99.7	99.7	99.8	99.5	99.5	99.4	99.6	99.1	99.4	99.4	100.6	99.9	99.7
Q3	100.1	100.1	100.1	100.1	100.2	100.2	100.3	100.2	100.7	100.3	100.5	99.3	99.9	100.1
Q4	100.7	100.7	100.7	100.6	101.3	101.3	101.0	100.8	101.9	101.0	101.3	99.8	100.7	100.8
2017 Q1	101.7	101.7	101.7	100.7	102.0	102.1	101.2	101.4	102.1	101.1	101.4	100.2	100.8	101.2
Q2	102.1	102.1	102.0	101.0	102.2	102.6	101.4	101.7	102.5	101.5	101.8	100.5	101.2	101.5
Q3	103.6	103.6	103.5	102.2	103.7	103.8	102.9	103.1	102.9	101.8	102.2	100.7	101.4	102.5
Q4	104.6	104.6	104.5	102.9	104.4	105.0	103.5	103.8	103.2	102.2	102.5	101.0	101.8	103.1
2018 Q1	105.9	105.9	105.9	103.8	105.2	105.8	104.4	104.9	103.8	102.8	103.1	101.5	102.3	104.0
Q2	106.7	106.7	106.7	105.1	106.0	106.7	105.2	105.7	104.5	103.4	103.8	101.9	102.9	104.7

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