

Statistical bulletin

# Construction output in Great Britain: January 2019 and new orders October to December 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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# 1 . Main points

- Following the [announcement by the UK Statistics Authority on 7 March 2019](#), Construction Output Price Indices, Great Britain construction output statistics and Construction new orders are now re-designated as National Statistics.
- Construction output decreased by 0.6% in the three-month on three-month all work series in January 2019; this decrease was driven by a fall of 2.3% in the all repair and maintenance series, which was offset by an increase of 0.3% in the all new work series.
- The fall in the three-month on three-month all repair and maintenance series was driven primarily by non-housing repair and maintenance, which fell by 3.2%, and private housing repair and maintenance, which fell by 2.3%.
- The all work series grew by 2.8% in January 2019 in the month-on-month series, reversing the 2.8% decline seen in December 2018.
- New orders fell by 1.9% in Quarter 4 (Oct to Dec) 2018 against the previous quarter, with all other work decreasing by 3.8%, more than offsetting the 2.3% growth in all new housing during the same period.

## 2 . Re-badging of construction statistics as National Statistics

Following the [announcement by the UK Statistics Authority](#) on 7 March 2019, Construction Output Price Indices, Great Britain construction output statistics and Construction new orders have been re-designated as National Statistics, in accordance with the [Statistics and Registration Service Act 2007](#) and signifying compliance with the [Code of Practice for Statistics](#). This means the independent regulator has judged that these statistics provide the highest levels of “trustworthiness, quality and value”.

The Office for National Statistics (ONS) took responsibility for the publication of the Construction Price and Cost Indices from the Department for Business, Innovation and Skills (BIS) on 1 April 2015, following the de-designation of National Statistics status in December 2014, and since then a development programme has been ongoing.

Through extensive consultation with users through the Construction Statistics Steering Group (CSSG) and the Consultative Committee on Construction Industry Statistics (CCCIS), the Construction Output Price Indices, Construction output and New orders statistics have undergone significant development work. This has resulted in improvements to many aspects of the suite of statistics. More information on these improvements can be found in Section 11 of this release.

Commenting on the improvements achieved as part of the development programme in his letter to Jonathan Athow (Deputy National Statistician, ONS), Ed Humpherson (Director General for Regulation, UK Statistics Authority) said:

“Since de-designation in December 2014 and our assessment, we are pleased that the ONS has improved many aspects of this suite of statistics. The ONS has improved their accessibility and transparency by publishing detail on the strengths and limitations of these data and publishing all industry data in one location on its website.

“Guided by requests from stakeholders and in collaboration with industry experts, the ONS has enhanced its analysis and supporting commentary of developments in the construction industry and within the wider context of short-term economic indicators.”

The ONS will continue to work closely with our stakeholders through the CSSG and CCCIS, as we aim to deliver further improvements to how we produce statistics on the construction industry going forward.

It should be noted that the [subnational and subsector breakdowns](#) were excluded from consideration for re-designation, although they will continue to be published as a separate dataset (more information can be found in Section 7).

### 3 . 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).

Further information on output is gained from VAT turnover data, which is used to replace survey data for small- and medium-sized businesses. However, due to the delay in companies making VAT returns, these data are only taken on after a lag period. Currently, VAT turnover data are only used for the period Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2018. VAT turnover for Quarter 3 (July to Sept) 2018 will be incorporated for the first time when the [GDP quarterly national accounts, UK: October to December 2018](#) are published on 29 March 2019.

Furthermore, data on new orders supplied by [Barbour ABI](#) are used to model the breakdown of the overall output figures for Great Britain into the lower level and regional data seen in Tables 1 and 2 of the [Construction output: subnational and sub-sectoral output dataset](#).

Summary information can be found in the [Construction output quality and methodology information](#).

Compared with the previous [Construction output in Great Britain: December 2018](#) publication released on 11 February 2019, this publication does not contain revisions to the back series. Additional changes within this release are further described as part of Section 7 of this publication.

We use methods to impute data for businesses that have not yet returned their Office for National Statistics (ONS) survey, along with a further adjustment to address any bias in early survey responses for construction output. Full details of these methods, and other recent improvements, can be found in [Improvements to construction statistics: Addressing the bias in early estimates of construction output, June 2018](#) published on 4 June 2018.

### 4 . Construction output in January 2019

All work grew by 2.8% in January 2019, reversing the sharp decline seen in December 2018. Despite this volatility in recent months, January 2019 continues the trend of steady growth broadly seen since 2017, with the January output being 1.8% higher in 2019 than the same month a year earlier.

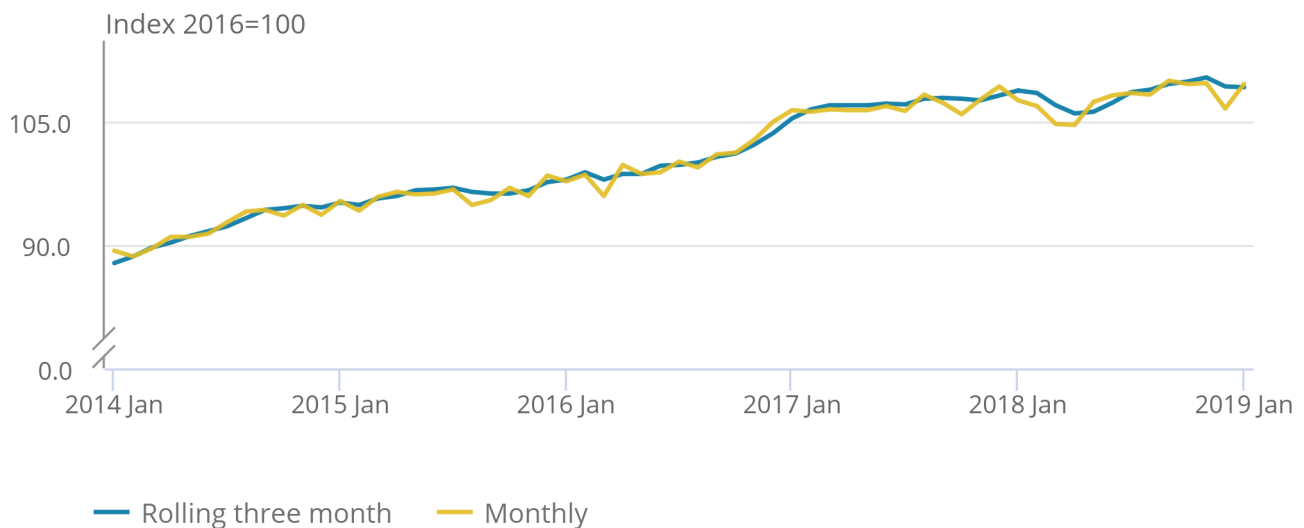
The rolling three-month time series provides a more comprehensive picture of the underlying trends within the industry, compared with the more volatile monthly series, which is also shown in Figure 1.

## Figure 1: Construction output recovers in January 2019 but rolling three-month series shows a slowing of output

Rolling three-month and monthly all work, chained volume measure, seasonally adjusted, Great Britain, January 2014 to January 2019

### Figure 1: Construction output recovers in January 2019 but rolling three-month series shows a slowing of output

Rolling three-month and monthly all work, chained volume measure, seasonally adjusted, Great Britain, January 2014 to January 2019



Source: Office for National Statistics - Construction Output and Employment

The three-month on three-month series for all work saw a decline of 0.6% in January 2019. This is due largely to the weakness in December and October, with the growth seen in the monthly path still not being enough to recover from the declines then. January 2019 has the lowest growth recorded in the three-month on three-month series for all work since May 2018.

At type-of-work level, there were falls in non-housing, and private housing repair and maintenance, which fell by 3.2% and 2.3% respectively. The biggest factor offsetting this was public new housing, which grew by 5.0%, but due to the small size of this series this had a minimal impact on the top-level figures.

## Contributions to growth

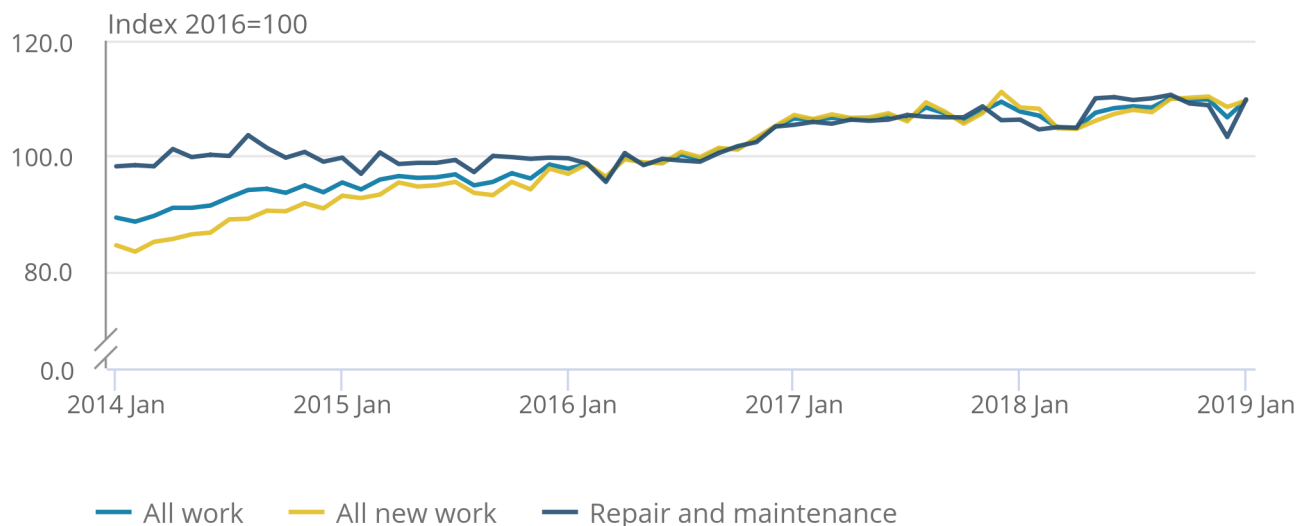
Construction output can be broken down by different types of work; these are categorised into all new work, and repair and maintenance, as shown in Figure 2. It is worth noting that all new work accounts for approximately two-thirds of all work, while repair and maintenance accounts for approximately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

**Figure 2: All work and components grow sharply month-on-month in January 2019, overall levels remain lower than Quarter 3 (July to Sept) 2018**

Components of all work, chained volume measure, seasonally adjusted, Great Britain, January 2014 to January 2019

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Components of all work, chained volume measure, seasonally adjusted, Great Britain, January 2014 to January 2019



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

Figure 2 shows that both repair and maintenance, and new work have seen increases in January 2019, with growths of 6.3% and 0.9% respectively in the monthly chained volume measure, seasonally adjusted series. This is the largest month-on-month increase in the repair and maintenance series since the monthly record began in January 2010 but follows a three-month period of repeated declines. Notably the large fall in the December 2018 month-on-month growth of 5.0% (the second-largest fall on record) has been offset by today's record-high growth of 6.3%.

Despite the increase, the repair and maintenance series still sits at £32 million below the record-high level for the series in September 2018. The growth in repair and maintenance output has come mostly from non-housing repair and maintenance. This series grew by £217 million in January 2019, an increase of 9.6% in comparison with December 2018.

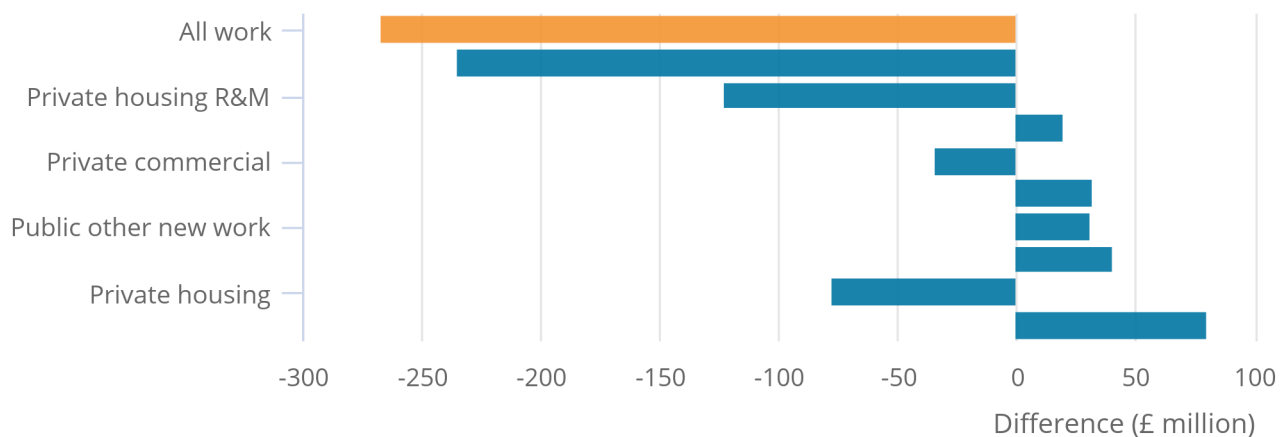
In the new work series, the growth of 0.9% was driven by growths in infrastructure and public other new work, which saw monthly growths of 5.9% and 9.0% respectively. As with repair and maintenance, the growth in infrastructure also follows from three months of continuous declines in the series, however, in this case these are much more minor declines, so with the strong growth seen this month, infrastructure has hit a new record-high level of £1,859 million. This growth was offset by falls of 6.0% and 5.6% in private commercial new work and public new housing respectively.

### Figure 3: Declines in repair and maintenance, and private housing output drive fall in all work

Three-month on three-month seasonally adjusted volume from the main construction sectors, chained volume measure, Great Britain, November 2018 to January 2019 compared with August to October 2018

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Three-month on three-month seasonally adjusted volume from the main construction sectors, chained volume measure, Great Britain, November 2018 to January 2019 compared with August to October 2018



Source: Office for National Statistics - Construction Output and Employment

#### Notes:

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

As can be seen from Figure 3, all work has fallen by £267 million in the three-month period to January 2019, in comparison with the previous three months.

This has been driven by a £338 million decline in repair and maintenance output. This was due to falls of £235 million in non-housing repair and maintenance, as well as a £123 million decline in private housing repair and maintenance. Public housing repair and maintenance was the only sector of the repair and maintenance series to show a growth, increasing by £20 million over the period.

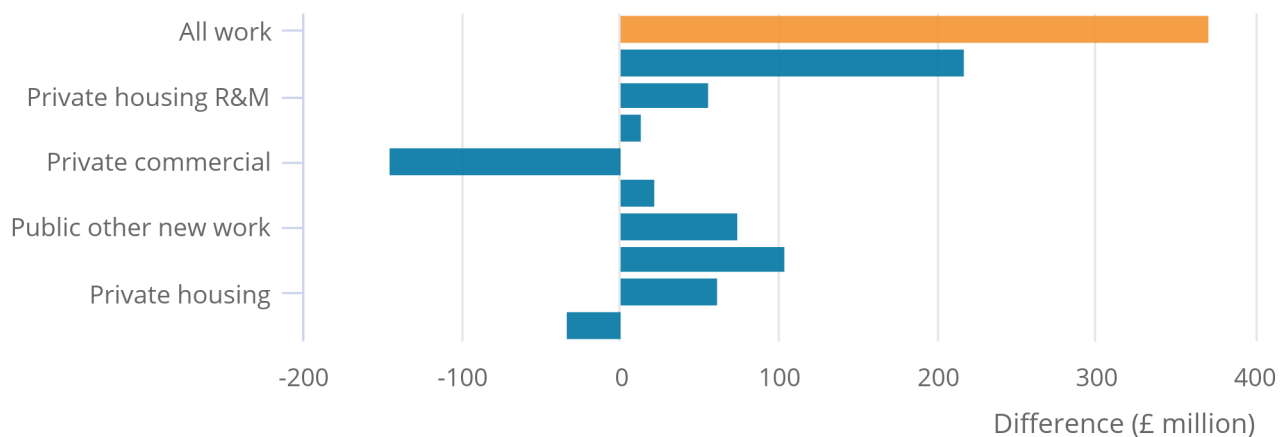
All new work has seen comparatively more minor movements, with a growth of £71 million seen in Figure 3. This has been driven by growths in public new housing and infrastructure, which grew by £80 million and £41 million respectively. These served to counterbalance falls in private housing and private commercial new work of £77 million and £34 million respectively.

## Figure 4: After sharp declines in December 2018, most series see recovery in output in January 2019

Month-on-month seasonally adjusted volume from the main construction sectors, chained volume measure, Great Britain, January 2019 compared with December 2018

### Figure 4: After sharp declines in December 2018, most series see recovery in output in January 2019

Month-on-month seasonally adjusted volume from the main construction sectors, chained volume measure, Great Britain, January 2019 compared with December 2018



Source: Office for National Statistics - Construction Output and Employment

#### Notes:

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

Figure 4 shows the difference in month-on-month levels from the different construction sectors, taken from our seasonally adjusted, chained volume measure series. Compared with the previous month, construction output increased by £371 million in January 2019.

In contrast with the three-month on three-month series, non-housing repair and maintenance recorded the largest month-on-month growth, with an increase of £217 million in January 2019.

Beyond non-housing repair and maintenance, public other new work and infrastructure saw increases of £75 million and £104 million respectively, representing the two largest month-on-month increases in new work. Strong growths were also seen in private housing repair and maintenance, and private housing new work, which grew by £56 million and £62 million respectively. Both series recovered somewhat from sharp month-on-month declines in December 2018, but remain below the levels seen prior to this point.

Only two series saw falls month-on-month: public new housing saw a £33 million decline against December 2018, whilst private commercial new work fell by £145 million. In the case of public housing new work, this monthly fall was due to strong December growth, which saw a 10.9% growth month-on-month. Private commercial reached its lowest level in the seasonally adjusted, chained volume measure series since March 2016, continuing the general trend seen in 2018, which only saw three periods of growth in the month-on-month series.

## 5 . 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: January 2019, 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	13,869	2.8	1.8	-0.6	0.4
Total all new work	9,058	0.9	1.1	0.3	0.5
Total repair and maintenance	4,811	6.3	3.3	-2.3	0.2
New housing					
Public	554	-5.6	21.4	5.0	6.9
Private	3,056	2.1	3.6	-0.8	1.7
Other new work					
Infrastructure	1,859	5.9	2.7	0.8	5.8
Excl infrastructure					
Public	907	9.0	10.0	1.2	-0.3
Private industrial	423	5.5	0.4	2.7	-0.2
Private commercial	2,259	-6.0	-9.6	-0.5	-5.6
Repair and maintenance					
Public housing	604	2.3	-0.3	1.2	0.4
Private housing	1,740	3.3	-1.1	-2.3	-4.1
Non-housing R&M	2,467	9.6	7.6	-3.2	3.6

Source: Office for National Statistics - Construction Output and Employment

After significant falls in December 2018, most series saw month-on-month increases in January 2019. Total all work grew month-on-month by 2.8% (£371 million). When looking at longer-term trends, all work fell by 0.6% in the three-month on three-month series, as the recovery seen this month has not been enough to entirely offset the weakness of October and December at the end of 2018. This is also seen when comparing the most recent three-months on three-months a year earlier, which sees only 0.4% growth. In contrast, growth of 1.8% is seen when comparing January 2019 with January 2018.

Looking at the components of all work, repair and maintenance sees strong growth in both the month-on-month and month-on-year series (6.3% and 3.3% respectively), while new work sees a more subdued performance with a month-on-month growth of 0.9%. The month-on-year series shows a trend of steady growth across all the top-level indicators, with new work, and repair and maintenance seeing growths of 1.1% and 3.3% respectively. However, when looking at individual series, far more extreme values are apparent, with public new housing growing by 21.4% and private commercial other new work falling by 9.6% relative to January 2018.



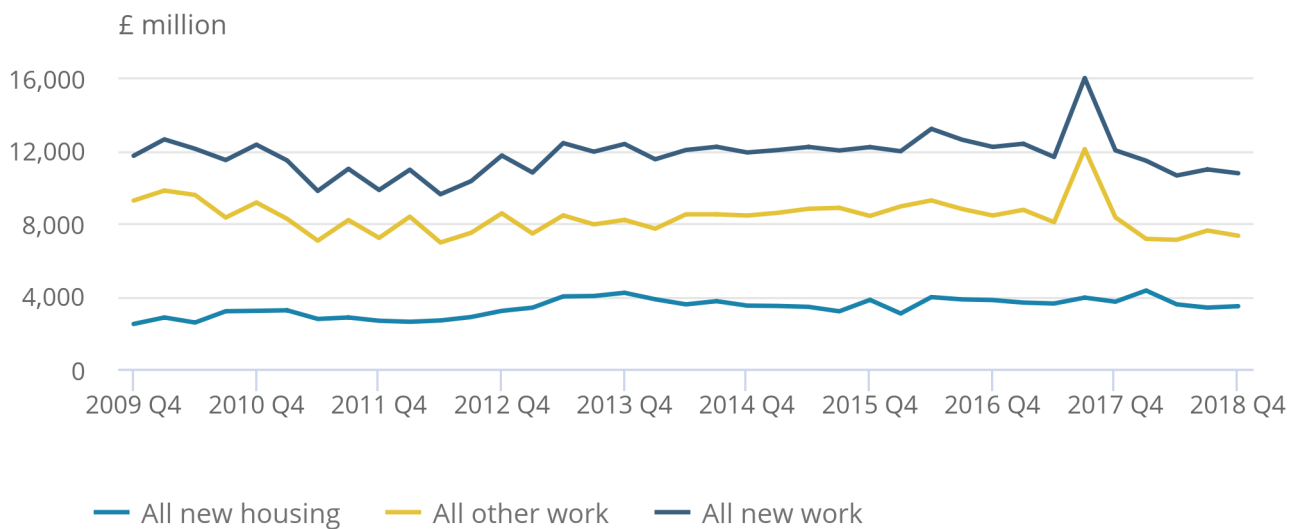
## 6 . New orders

**Figure 5: New orders continue to decline despite growth in new housing**

Components of all new work, new orders, constant prices, seasonally adjusted, Great Britain, Quarter 4 (Oct to Dec) 2009 to Quarter 4 2018

### Figure 5: New orders continue to decline despite growth in new housing

Components of all new work, new orders, constant prices, seasonally adjusted, Great Britain, Quarter 4 (Oct to Dec) 2009 to Quarter 4 2018



**Source: Office for National Statistics and Barbour ABI**

As seen in Figure 5, the value of total construction new orders has remained broadly stable from 2013 to 2017, with the noticeable exception of the spike in Quarter 3 (July to Sept) 2017. This was caused by the [awarding of several high-value contracts awarded for the construction of High Speed 2 \(HS2\)](#). Following Quarter 3 2017, the series has decreased, with current levels remaining below those generally seen in the past five years.

The all new work series saw a decline in Quarter 4 (Oct to Dec) 2018 after a slight recovery in the previous quarter, falling by 1.9% relative to Quarter 3 2018. This decline was driven by all other work, which fell by 3.8%, more than offsetting the 2.3% growth in all new housing during the same period. All new housing had previously seen two consecutive quarters of decline, after reaching its highest level for over 10 years in Quarter 1 (Jan to Mar) 2018.

The fall in all new work has been driven by the decrease in public other new work, which fell by 9.4% in Quarter 4 2018. Other new work excluding infrastructure also drove down all new work as private industrial and private commercial new orders fell by 6.3% and 3.9% respectively. In contrast, the growth in all new housing was due to private new housing growing by 3.2%, offsetting public new housing, which saw a fall of 11.3% in the same period. Infrastructure new orders saw 2.4% growth quarter-on-quarter (Table 2).

It should be noted that for the second consecutive quarter, a separate, large order for a wind farm dominates the new orders placed within infrastructure. This is further illustrated in the electricity series published within Table 5 of the [new orders dataset](#), which has quarter on the previous year's quarter growth of 113.6% (an increase of £1,210 million).

Table 2: Construction new orders main figures, Quarter 4 (Oct to Dec) 2018, Great Britain  
Seasonally adjusted, volume £ million and percentage change

Type of work	Value (£m)	Most recent quarter on previous quarter	Most recent quarter on a year earlier	Most recent four quarters on a year earlier
All new work	10,747	-1.9%	-10.5%	-15.8%
All new housing	3,435	2.3%	-6.8%	-1.2%
Public	189	-11.3%	-45.2%	-27.3%
Private	3,247	3.2%	-2.8%	1.6%
All other work	7,312	-3.8%	-12.1%	-21.7%
Infrastructure	1,996	2.4%	-37.9%	-46.8%
Public	1,463	-9.4%	5.7%	6.3%
Private industrial	907	-6.3%	29.5%	-0.1%
Private commercial	2,946	-3.9%	-2.5%	-11.6%

Source: Office for National Statistics - Construction Output and Employment

When looking at Quarter 4 2018 compared with the same period one year earlier, most types of work are significantly down. The only categories bucking this trend are public other new work and private industrial other new work, which grew by 5.7% and 29.5% respectively. The growth in private industrial new work reflects a particularly weak Quarter 4 2017 relative to the rest of the private industrial new work series. The declines seen in other categories reflect the general trend of declines seen since the peak of Quarter 3 2017.

When comparing Quarter 1 2018 to Quarter 4 2018 with the same period a year earlier, all components of the new orders series apart from private new housing and public other new work are lower in the most recent period. The decline of 15.8% in all new work was driven largely by a 46.8% decline in infrastructure (following on from HS2), as well as a decline in public new housing of 27.3%. All other work overall is down by 21.7% between the periods, with the HS2 orders again being a major factor, but the fall of 11.6% in private commercial other new work was also a significant driver of the decline.

As part of the development work to continually improve methods and ways to disseminate data, we have taken on board user feedback and moved the reference year for our constant price volume series to a 2016 equals 100 basis. This has led to revisions in the back series in the [New orders dataset](#) in Tables 1 to 3. This re-referencing forms part of our commitment to the Government Statistical Services's (GSS's) [Better Statistics, Better Decisions \(PDF, 1.39MB\)](#) strategy and allow our outputs to respond to the needs of our users.

## 7 . Changes in this release

This release sees several changes to the format of the construction output and new orders data in the publication. These are detailed in this section.

As indicated in the last few publications, the tables that were formerly Table 5 and Table 6 of the main construction output dataset are now published as a separate dataset [Output in the construction industry: subnational and sub-sectoral](#) data. Please note that these estimates do not carry [National Statistics](#) status, as outlined in [the letter from the UK Statistics Authority](#).

In addition, improvements have been identified to the processing of the data underpinning the model in this dataset, leading to revisions in the back series. These have improved the accuracy of the weights used by our model. These new processing methods form part of our continual improvements to improve the model to produce subnational and sub-sectoral estimates.

Due to the splitting of [Construction output: subnational and sub-sectoral output](#) into its own dataset, a number of tables have had their placement in the dataset changed. Please note that this is a purely aesthetic change to numbering and does not represent a change to the underlying data. The changes are outlined in Table 3.

### **Table 3: Changes to structure of construction output datasets**

```
.tg {border-collapse:collapse;border-spacing:0;} .tg td{font-family:Arial, sans-serif;font-size:14px;
padding:10px 5px;border-style:solid;border-width:1px;overflow:hidden;word-break:normal;border-
color:black;} .tg th{font-family:Arial, sans-serif;font-size:14px;font-weight:normal;padding:10px 5px;
border-style:solid;border-width:1px;overflow:hidden;word-break:normal;border-color:black;} .tg .tg-
s268{text-align:left} .tg .tg-0lax{text-align:left;vertical-align:top}
```

<b>Table Name</b>	<b>New location</b>
Table 1a Construction output: Volume seasonally adjusted index numbers - by sector	<a href="#">Main dataset - unchanged</a>
Table 1b Construction output: Volume non-seasonally adjusted index numbers - by sector	<a href="#">Main dataset - unchanged</a>
Table 2a Construction output: Volume seasonally adjusted pounds data - by sector	<a href="#">Main dataset - unchanged</a>
Table 2b Construction output: Volume non-seasonally adjusted pounds data - by sector	<a href="#">Main dataset - unchanged</a>
Table 3a Construction output: Volume seasonally adjusted, percentage change period on previous period	<a href="#">Main dataset - unchanged</a>
Table 3b Construction output: Volume seasonally adjusted, percentage change period on previous period a year earlier	<a href="#">Main dataset - unchanged</a>
Table 3c Construction output: Volume seasonally adjusted, percentage change three months on three months	<a href="#">Main dataset - unchanged</a>
Table 3d Construction output: Volume seasonally adjusted, percentage change three months on a year earlier	<a href="#">Main dataset - unchanged</a>
Table 4 Construction output: Value non-seasonally current prices - by sector	<a href="#">Main dataset - unchanged</a>
Table 4a Construction output: Value seasonally current prices - by sector	<a href="#">Main dataset - unchanged</a>
Table 5 Construction output: Value non-seasonally adjusted current prices by type of work	<a href="#">Construction output: subnational and sub-sectoral output – Table 1</a>
Table 6 Construction output: Value non-seasonally adjusted current prices by region	<a href="#">Construction output: subnational and sub-sectoral output – Table 2</a>
Table 7a Construction output: Volume seasonally adjusted growth rates	<a href="#">Main dataset - Table 5a</a>
Table 7b Construction output: Volume non-seasonally adjusted growth rates	<a href="#">Main dataset - Table 5b</a>
Table 9a Construction output: Implied Price Deflator, non-seasonally adjusted index numbers	<a href="#">Main dataset - Table 6a</a>
Table 10 Construction output: Value non-seasonally adjusted, current prices, by sector	<a href="#">Main dataset - Table 7</a>
Table 11 Construction output: Basic Quality Information, Sample and non-sample errors	<a href="#">Main dataset - Table 8</a>
Table 12 Construction output: Non-seasonally adjusted, matched Pairs Analysis, Current prices	<a href="#">Main dataset - Table 9</a>
Table 13 Construction output: All Work Summary	<a href="#">Main dataset - Table 10</a>
Table 14 Response Rates	<a href="#">Main dataset - Table 11</a>

As indicated in [Construction output in Great Britain: October 2018 and new orders July to September 2018](#), the reference year for indexed series in the New orders dataset is now 2016 equals 100. This change brings it into line with the main output dataset, which uses 2016 equals 100. This change will impact the index numbers ( [Table 1](#)) and the constant price series we publish ( [Tables 2 and 3](#)), as within the previous publication these tables are presented on a 2005 equals 100 basis. This will not affect our growth rate series ( [Tables 8 and 9](#)) or our current price data ( [Tables 4 to 6](#)) in the New orders dataset.

## 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 19 February 2019 for December 2018, showed the seasonally adjusted [production in construction \(PDF, 569KB\)](#) decreased by 0.4% in the Euro area (EA-19) and was down by 0.9% in the EU-28 when compared with November 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 [Monthly construction spending report \(PDF, 294KB\)](#) for December 2018 was published on 4 March 2019. This includes the total dollar value of construction work done in the US.

[The Construction statistics: Number 19, 2018 edition](#) was published on 22 August 2018. This publication contains analysis on the construction sector in 2017, as well as information on [sources and outputs in the industry](#).

## 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 (updated 16 November 2018) 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 2 (Apr to June) 2018.

Further information on the use of VAT turnover in construction output estimates 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 engagement and development

Following the [announcement by the UK Statistics Authority on 7 March 2019](#), Construction Output Price Indices, Great Britain construction output statistics and Construction new orders have been re-designated as National Statistics in accordance with the [Statistics and Registration Service Act 2007](#) and signifying compliance with the [Code of Practice for Statistics](#). This means the independent regulator has judged that these statistics provide the highest levels of “trustworthiness, quality and value”.

As part of the ongoing Office for National Statistics (ONS) construction statistics development programme to regain the National Statistics status, we have worked closely with the Construction Statistics Steering Group (CSSG) and the [Consultative Committee on Construction Industry Statistics](#) (CCCIS). These groups provide a forum for the ONS to engage with main users of construction statistics on the development of ONS-published construction statistics, including other government departments, industry experts and academics, to identify areas for improvement.

We have recently published a series of methodological articles to help communicate these recent improvements. These articles are detailed in this section.

[Construction development: Impact of improvements to construction statistics](#), published on 29 September 2017. This article details improvements to the output price indices, including the incorporation of a mark-up for profit margin, a revised methodology for the labour series, new weights and data sources, and a full review of the methodology used. For further information, please see the [Construction output price indices Quality and Methodology Information](#) report.

[Improvements to construction statistics: addressing the bias in early estimates of construction output](#), published on 4 June 2018. This article addresses the upward bias in early construction output survey data, which was achieved by improving imputation methodology to impute data for businesses that have not yet returned their survey responses, along with a further adjustment to address additional potential bias in early estimates. For further information on the impact of these methodological changes, please see [Impact of the improvements to construction statistics](#), published on 29 June 2018.

[Construction development: improvements to regional and subsector level estimates](#), published on 4 June 2018. This article highlights improvements made to the model used to estimate subnational and subsector level output estimates, by improving the assumptions used using project-level data sourced from Barbour ABI. This results in subnational and subsector level data that are more reflective of what is happening within the economy.

[Construction statistics development: improving the understanding of new orders in the construction industry and the gap between output and new orders](#), published on 30 October 2018, provides analysis to improve the understanding of the uses of and coherence between ONS construction output and new orders data. For more information, please see the [New orders in construction Quality and Methodology Information](#) report.

# 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	121.9	110.1	111.8	105.5	97.3	103.0	107.6	107.4	97.4	109.7	106.3	106.7	106.5	107.1
2018	119.9	116.9	117.3	111.5	88.3	107.0	101.1	107.8	95.2	108.5	104.8	110.8	107.7	107.8

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.



# 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
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
2004 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
2004 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
2004 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
2005 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
2005 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
2005 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
2006 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
2006 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
2006 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
2007 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
2007 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
2007 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
2008 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
2008 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
2008 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
2009 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
2009 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
2009 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
2010 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
2010 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
2010 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
2011 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
2011 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
2011 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
2012 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
2012 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
2012 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
2013 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
2013 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
2013 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
2014 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
2014 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
2014 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
2015 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
2015 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
2015 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
2016 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
2016 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
2016 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	117.1	107.0	108.4	105.1	102.7	97.2	109.4	106.9	97.3	108.5	105.4	105.9	105.6	106.5
2017 Q2	121.2	107.7	109.6	105.5	99.1	99.5	108.6	106.9	98.7	109.2	106.3	106.2	106.2	106.7
2017 Q3	123.5	109.7	111.7	106.3	95.3	108.8	108.1	107.7	97.6	110.0	106.5	107.2	106.9	107.4
2017 Q4	125.7	116.1	117.5	105.3	92.3	106.3	104.2	108.0	96.2	111.0	106.8	107.5	107.2	107.7
2018 Q1	109.9	115.6	114.8	109.9	88.4	108.6	102.7	107.1	93.8	107.8	103.9	106.8	105.3	106.5
2018 Q2	116.7	112.8	113.4	108.7	85.3	111.9	102.1	106.0	94.9	111.1	106.6	110.3	108.4	106.8
2018 Q3	124.4	119.4	120.1	112.7	89.4	104.7	99.1	108.5	95.2	109.8	105.7	114.8	110.1	109.0
2018 Q4	128.6	119.8	121.1	114.8	90.2	102.9	100.5	109.7	96.9	105.3	103.0	111.4	107.0	108.8

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.

# 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 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	
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	98.6	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	104.5	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	112.7	106.9	107.7	110.5	104.9	96.7	106.8	107.1	95.3	109.3	105.4	105.4	105.4	106.5	
Feb	114.2	106.6	107.7	103.1	102.8	96.5	109.9	106.4	97.8	107.9	105.1	106.9	105.9	106.3	
Mar	124.5	107.4	109.8	101.6	100.4	98.4	111.5	107.2	98.8	108.2	105.6	105.5	105.6	106.6	
Apr	115.3	106.4	107.7	106.0	101.6	96.6	109.1	106.6	98.4	109.3	106.3	106.3	106.3	106.5	
May	128.9	106.0	109.2	105.2	99.4	95.9	109.0	106.7	97.2	109.8	106.3	105.9	106.1	106.5	
Jun	119.3	110.7	111.9	105.2	96.3	106.0	107.5	107.4	100.3	108.6	106.3	106.3	106.3	107.0	
Jul	121.9	107.0	109.1	105.9	92.1	106.8	107.5	106.0	98.2	109.8	106.6	107.5	107.1	106.4	
Aug	122.8	111.8	113.3	107.0	98.7	106.8	110.1	109.3	97.8	111.4	107.6	105.9	106.8	108.4	
Sep	125.9	110.4	112.5	106.1	95.0	112.8	106.8	107.7	96.6	108.8	105.4	108.1	106.7	107.4	
Oct	116.9	111.6	112.4	103.9	90.3	111.4	103.0	105.6	96.4	111.1	107.0	106.5	106.7	106.0	
Nov	128.4	116.0	117.8	102.8	90.6	103.7	104.4	107.4	94.9	114.1	108.7	108.5	108.6	107.8	
Dec	132.0	120.8	122.3	109.2	96.0	103.9	105.1	111.1	97.2	107.8	104.8	107.7	106.2	109.4	
2018 Jan	107.4	113.5	112.6	117.3	89.4	110.6	104.3	108.4	96.0	107.5	104.3	108.5	106.3	107.7	
Feb	110.3	119.7	118.4	109.8	88.0	104.5	102.7	108.2	94.2	107.8	104.0	105.2	104.6	107.0	
Mar	112.1	113.6	113.4	102.5	87.6	110.6	101.1	104.8	91.2	108.1	103.4	106.7	105.0	104.9	
Apr	114.5	110.2	110.8	107.0	81.8	113.2	102.8	104.7	93.6	105.9	102.5	107.5	104.9	104.8	
May	115.1	113.4	113.6	107.8	87.8	110.4	102.0	106.1	94.5	114.6	109.0	111.2	110.0	107.5	
Jun	120.5	114.9	115.7	111.3	86.3	112.0	101.3	107.3	96.7	112.8	108.3	112.2	110.2	108.3	
Jul	122.3	119.4	119.8	108.9	90.5	106.7	99.4	108.0	96.5	112.6	108.1	111.4	109.7	108.6	
Aug	121.6	118.7	119.2	109.6	88.7	106.2	99.2	107.6	96.0	109.0	105.4	114.9	110.0	108.4	
Sep	129.3	119.9	121.3	119.6	89.1	101.2	98.7	109.9	93.1	107.6	103.6	118.1	110.6	110.1	
Oct	123.2	120.7	121.1	116.5	94.0	101.9	99.6	110.1	97.0	106.6	103.9	114.6	109.1	109.7	
Nov	124.6	123.6	123.8	114.2	86.4	101.4	101.5	110.3	100.1	106.4	104.7	113.1	108.8	109.8	
Dec	138.1	115.2	118.4	113.7	90.3	105.2	100.3	108.5	93.5	102.9	100.3	106.5	103.3	106.7	
2019 Jan	130.4	117.6	119.4	120.5	98.4	111.1	94.2	109.6	95.7	106.3	103.4	116.7	109.8	109.7	

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.

# 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	121.9	110.1	111.8	105.5	97.3	103.0	107.6	107.4	97.4	109.7	106.3	106.7	106.5	107.1
2018	119.9	116.9	117.3	111.5	88.3	107.0	101.1	107.8	95.2	108.5	104.8	110.8	107.7	107.8

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.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- structure	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
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
2004 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
2004 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
2004 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
2005 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
2005 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
2005 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
2006 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
2006 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
2006 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
2007 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
2007 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
2007 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
2008 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
2008 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
2008 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
2009 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
2009 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
2009 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
2010 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
2010 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
2010 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
2011 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
2011 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
2011 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
2012 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
2012 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
2012 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
2013 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
2013 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
2013 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
2014 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
2014 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
2014 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
2015 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
2015 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
2015 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
2016 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
2016 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
2016 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	100.9	95.3	91.3	104.5	101.1	102.8	102.2	102.4	104.3	103.3	101.9
2017 Q2	125.3	111.3	113.3	104.8	97.7	100.8	108.7	108.1	96.3	109.2	105.6	102.9	104.3	106.8
2017 Q3	123.6	110.4	112.3	108.4	102.6	114.0	111.7	110.4	96.8	112.7	108.3	112.1	110.1	110.3
2017 Q4	126.4	118.9	120.0	108.0	93.9	105.8	105.4	109.9	93.8	114.5	108.8	107.6	108.2	109.3
2018 Q1	105.2	106.1	106.0	105.7	80.7	101.3	98.2	100.6	98.9	99.9	99.6	103.6	101.5	100.9
2018 Q2	120.9	117.8	118.3	107.6	84.0	114.2	102.2	107.6	92.6	112.2	106.7	107.6	107.2	107.5
2018 Q3	124.5	120.1	120.7	114.5	97.6	110.4	101.9	111.0	94.1	112.4	107.3	119.9	113.4	111.9
2018 Q4	129.1	123.6	124.4	118.3	91.0	102.1	102.0	112.0	95.1	109.5	105.5	112.2	108.7	110.9

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.



# 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	6 220	34 351	40 571	19 545	10 761	4 708	30 943	106 528	7 386	21 529	28 915	27 053	55 968	162 496	
2018	6 118	36 461	42 579	20 656	9 766	4 893	29 076	106 970	7 215	21 298	28 513	28 097	56 610	163 580	

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# 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			All new work	Housing			Non housing R&M			
				Infra-structure	Public	Private industrial		Private commercial	Public housing	Private housing		Total housing		
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A
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	904	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	1 494	8 341	9 835	4 865	2 838	1 111	7 866	26 516	1 845	5 323	7 168	6 713	13 881	40 397
Q2	1 546	8 399	9 945	4 884	2 739	1 138	7 807	26 513	1 870	5 361	7 231	6 729	13 960	40 473
Q3	1 576	8 556	10 132	4 922	2 633	1 244	7 776	26 706	1 849	5 399	7 248	6 794	14 041	40 748
Q4	1 604	9 055	10 659	4 874	2 551	1 215	7 494	26 793	1 822	5 446	7 268	6 817	14 085	40 878
2018 Q1	1 402	9 014	10 416	5 087	2 442	1 241	7 384	26 570	1 777	5 291	7 068	6 769	13 837	40 407
Q2	1 488	8 796	10 284	5 034	2 358	1 279	7 340	26 294	1 799	5 452	7 251	6 993	14 244	40 538
Q3	1 587	9 307	10 894	5 219	2 472	1 197	7 126	26 908	1 803	5 386	7 190	7 275	14 465	41 372
Q4	1 641	9 345	10 985	5 317	2 494	1 176	7 226	27 198	1 836	5 168	7 004	7 061	14 065	41 263

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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	6 220	34 351	40 571	19 545	10 761	4 708	30 943	106 528	7 386	21 529	28 915	27 053	55 968	162 496	
2018	6 118	36 461	42 579	20 656	9 766	4 893	29 076	106 970	7 215	21 298	28 513	28 097	56 610	163 580	

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# 2B.Q CONSTRUCTION OUTPUT: VOLUME NON-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			All new work	Housing			Non housing R&M			
				Infra-structure	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
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
2004 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
2004 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
2004 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
2005 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
2005 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
2005 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
2006 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
2006 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
2006 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
2007 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
2007 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
2007 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
2008 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
2008 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
2008 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
2009 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
2009 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
2009 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
2010 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
2010 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
2010 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
2011 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
2011 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
2011 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
2012 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
2012 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
2012 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
2013 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
2013 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
2013 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
2014 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
2014 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
2014 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
2015 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
2015 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
2015 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
2016 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
2016 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
2016 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	4 671	2 633	1 043	7 513	25 081	1 948	5 017	6 965	6 608	13 573	38 654
2017 Q2	1 599	8 680	10 278	4 853	2 699	1 152	7 818	26 801	1 825	5 361	7 186	6 521	13 706	40 508
2017 Q3	1 577	8 611	10 188	5 021	2 835	1 303	8 032	27 379	1 835	5 531	7 365	7 107	14 473	41 851
2017 Q4	1 612	9 271	10 883	5 000	2 594	1 210	7 580	27 267	1 778	5 620	7 398	6 817	14 215	41 482
2018 Q1	1 342	8 275	9 617	4 894	2 231	1 158	7 061	24 961	1 874	4 904	6 778	6 564	13 342	38 302
2018 Q2	1 542	9 188	10 730	4 980	2 323	1 305	7 353	26 691	1 755	5 505	7 260	6 821	14 081	40 772
2018 Q3	1 587	9 363	10 951	5 303	2 697	1 261	7 329	27 542	1 784	5 517	7 301	7 600	14 901	42 442
2018 Q4	1 647	9 635	11 282	5 479	2 515	1 168	7 334	27 777	1 803	5 372	7 175	7 112	14 287	42 064

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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	21.9	10.1	11.8	5.5	-2.7	3.0	7.6	7.4	-2.6	9.7	6.3	6.7	6.5	7.1
2018	-1.6	6.1	5.0	5.7	-9.3	3.9	-6.0	0.4	-2.3	-1.1	-1.4	3.9	1.1	0.7

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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	Excluding Infrastructure			All new work	Housing			Non housing R&M			
				Infra- structure	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
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	7.6	2.8	3.5	3.0	2.3	-4.9	6.0	3.6	-0.2	3.3	2.3	2.6	2.5	3.2
Q2	3.4	0.7	1.1	0.4	-3.5	2.4	-0.8	-	1.4	0.7	0.9	0.2	0.6	0.2
Q3	1.9	1.9	1.9	0.8	-3.9	9.3	-0.4	0.7	-1.1	0.7	0.2	1.0	0.6	0.7
Q4	1.8	5.8	5.2	-1.0	-3.1	-2.3	-3.6	0.3	-1.4	0.9	0.3	0.3	0.3	0.3
2018 Q1	-12.6	-0.5	-2.3	4.4	-4.3	2.1	-1.5	-0.8	-2.5	-2.9	-2.8	-0.7	-1.8	-1.2
Q2	6.2	-2.4	-1.3	-1.0	-3.5	3.0	-0.6	-1.0	1.2	3.1	2.6	3.3	2.9	0.3
Q3	6.6	5.8	5.9	3.7	4.9	-6.4	-2.9	2.3	0.3	-1.2	-0.8	4.0	1.6	2.1
Q4	3.4	0.4	0.8	1.9	0.9	-1.8	1.4	1.1	1.8	-4.0	-2.6	-2.9	-2.8	-0.3

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# 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
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	-0.1	0.6	0.5	6.4	3.9	-4.6	0.9	1.9	-5.2	0.7	-0.9	1.6	0.3	1.3
Feb	1.3	-0.2	-	-6.6	-2.0	-0.2	3.0	-0.7	2.6	-1.3	-0.3	1.4	0.5	-0.3
Mar	9.0	0.7	2.0	-1.5	-2.3	2.0	1.4	0.7	1.0	0.4	0.5	-1.3	-0.4	0.3
Apr	-7.4	-0.9	-1.9	4.4	1.2	-1.9	-2.1	-0.5	-0.4	1.0	0.6	0.8	0.7	-0.1
May	11.8	-0.4	1.5	-0.8	-2.1	-0.7	-0.1	0.1	-1.2	0.4	-	-0.4	-0.2	-
Jun	-7.4	4.4	2.4	0.1	-3.1	10.5	-1.3	0.6	3.1	-1.0	-	0.3	0.2	0.5
Jul	2.1	-3.3	-2.5	0.6	-4.4	0.7	-	-1.3	-2.0	1.1	0.3	1.2	0.7	-0.6
Aug	0.8	4.4	3.9	1.0	7.2	0.1	2.4	3.1	-0.4	1.5	1.0	-1.5	-0.2	1.9
Sep	2.5	-1.3	-0.7	-0.8	-3.7	5.6	-3.0	-1.4	-1.2	-2.4	-2.1	2.1	-0.1	-1.0
Oct	-7.2	1.1	-0.2	-2.1	-4.9	-1.2	-3.5	-2.0	-0.3	2.1	1.5	-1.5	-	-1.3
Nov	9.8	3.9	4.8	-1.1	0.3	-6.9	1.4	1.7	-1.5	2.7	1.6	1.8	1.7	1.7
Dec	2.8	4.1	3.9	6.2	6.0	0.2	0.6	3.4	2.4	-5.5	-3.6	-0.7	-2.2	1.5
2018 Jan	-18.6	-6.0	-7.9	7.4	-6.9	6.5	-0.8	-2.4	-1.3	-0.3	-0.5	0.8	0.1	-1.6
Feb	2.7	5.5	5.1	-6.4	-1.6	-5.6	-1.6	-0.2	-1.9	0.3	-0.3	-3.1	-1.7	-0.7
Mar	1.6	-5.1	-4.3	-6.7	-0.5	5.9	-1.5	-3.2	-3.1	0.2	-0.6	1.5	0.4	-2.0
Apr	2.1	-3.0	-2.3	4.5	-6.6	2.3	1.8	-0.1	2.6	-2.0	-0.9	0.8	-0.1	-0.1
May	0.6	2.9	2.6	0.7	7.3	-2.4	-0.8	1.4	1.0	8.1	6.3	3.4	4.9	2.6
Jun	4.7	1.4	1.8	3.3	-1.7	1.4	-0.7	1.1	2.3	-1.5	-0.6	0.9	0.1	0.7
Jul	1.5	3.9	3.5	-2.2	4.9	-4.7	-1.9	0.7	-0.2	-0.2	-0.2	-0.7	-0.5	0.3
Aug	-0.6	-0.5	-0.5	0.7	-1.9	-0.5	-0.2	-0.3	-0.5	-3.2	-2.5	3.1	0.2	-0.1
Sep	6.3	1.0	1.8	9.1	0.4	-4.6	-0.5	2.1	-3.0	-1.3	-1.7	2.8	0.5	1.6
Oct	-4.7	0.6	-0.2	-2.6	5.5	0.7	0.9	0.2	4.2	-1.0	0.3	-2.9	-1.4	-0.4
Nov	1.1	2.4	2.2	-2.0	-8.1	-0.5	2.0	0.2	3.3	-0.1	0.8	-1.3	-0.3	0.1
Dec	10.9	-6.8	-4.3	-0.4	4.5	3.7	-1.2	-1.6	-6.6	-3.3	-4.2	-5.9	-5.0	-2.8
2019 Jan	-5.6	2.1	0.8	5.9	9.0	5.5	-6.0	0.9	2.3	3.3	3.0	9.6	6.3	2.8

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.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	21.9	10.1	11.8	5.5	-2.7	3.0	7.6	7.4	-2.6	9.7	6.3	6.7	6.5	7.1
2018	-1.6	6.1	5.0	5.7	-9.3	3.9	-6.0	0.4	-2.3	-1.1	-1.4	3.9	1.1	0.7

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.

**3B.Q****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 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			
	MV68	MV69	MVM8	MV6A	MV6B	MV6C	MV6D	MV6E	MV6F	MV6G	MV6H	MV6I	MV6J	MV6K
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	23.3	11.0	12.7	4.6	6.3	0.4	12.9	9.9	-7.7	12.7	6.6	9.3	7.9	9.2
Q2	26.7	9.0	11.4	8.6	-2.5	-4.4	9.5	8.0	-2.9	12.2	7.9	5.7	6.8	7.6
Q3	23.0	8.8	10.8	5.8	-6.0	12.3	7.3	7.0	2.2	8.5	6.9	7.8	7.3	7.1
Q4	15.5	11.6	12.2	3.2	-8.0	4.0	1.0	4.7	-1.4	5.7	3.8	4.2	4.0	4.5
2018 Q1	-6.2	8.1	5.9	4.6	-14.0	11.7	-6.1	0.2	-3.7	-0.6	-1.4	0.8	-0.3	-
Q2	-3.7	4.7	3.4	3.1	-13.9	12.4	-6.0	-0.8	-3.8	1.7	0.3	3.9	2.0	0.2
Q3	0.7	8.8	7.5	6.0	-6.1	-3.8	-8.4	0.8	-2.5	-0.2	-0.8	7.1	3.0	1.5
Q4	2.3	3.2	3.1	9.1	-2.2	-3.3	-3.6	1.5	0.7	-5.1	-3.6	3.6	-0.1	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.



# 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 Maintena- nce	All Work
	Public housing		Private housing	Total new housing	Infra- structure	Excluding Infrastructure		All new work	Housing			Non housing R&M		
	MV4W	MV5U	MVM4	MV5W		MV5X	MV5Y		MV62	MV63	MV64	MV65		
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	16.9	14.9	15.2	10.6	6.2	-0.1	8.5	10.6	-10.0	12.3	5.7	6.1	5.9	8.9
Feb	23.8	7.9	10.0	0.9	4.3	6.4	11.8	8.0	-7.8	13.1	6.8	7.9	7.3	7.8
Mar	29.2	10.5	13.1	2.5	8.4	-4.3	18.5	11.2	-5.3	12.6	7.3	14.3	10.6	11.0
Apr	24.7	5.5	8.0	8.8	-0.6	-6.1	10.6	7.3	-5.7	12.3	7.0	4.5	5.8	6.7
May	37.2	8.4	12.3	7.5	-2.9	-11.7	10.2	7.9	-3.8	14.5	9.2	6.4	7.8	7.9
Jun	18.8	13.2	14.0	9.5	-4.1	5.3	7.6	8.9	1.1	10.0	7.5	6.2	6.8	8.2
Jul	21.8	6.6	8.8	4.6	-11.8	12.2	7.4	5.3	1.2	9.6	7.3	8.5	7.9	6.2
Aug	23.7	11.7	13.4	8.0	-2.1	11.2	9.9	9.5	4.9	11.2	9.5	6.3	7.9	9.0
Sep	23.4	8.1	10.3	4.8	-3.8	13.4	4.7	6.3	0.8	5.0	3.9	8.7	6.2	6.2
Oct	11.6	9.3	9.6	5.4	-8.6	9.7	1.1	4.4	0.1	10.2	7.5	2.4	5.0	4.6
Nov	17.7	11.9	12.8	-0.7	-10.6	-	2.5	4.1	-0.8	7.9	5.6	6.4	6.0	4.8
Dec	16.9	13.7	14.2	5.1	-4.9	2.4	-0.6	5.6	-3.4	-0.7	-1.4	3.8	1.1	4.0
2018 Jan	-4.7	6.2	4.6	6.2	-14.7	14.4	-2.3	1.2	0.6	-1.6	-1.1	2.9	0.9	1.1
Feb	-3.4	12.3	10.0	6.5	-14.4	8.2	-6.6	1.7	-3.7	-	-1.0	-1.6	-1.3	0.7
Mar	-10.0	5.8	3.2	0.9	-12.7	12.4	-9.3	-2.2	-7.7	-0.2	-2.1	1.2	-0.5	-1.7
Apr	-0.7	3.5	2.9	0.9	-19.4	17.2	-5.7	-1.8	-4.9	-3.1	-3.6	1.1	-1.3	-1.6
May	-10.7	6.9	4.0	2.5	-11.7	15.1	-6.4	-0.5	-2.8	4.4	2.5	5.0	3.7	0.9
Jun	1.0	3.8	3.4	5.8	-10.4	5.6	-5.8	-0.1	-3.6	3.9	1.9	5.6	3.7	1.2
Jul	0.4	11.5	9.8	2.8	-1.7	-	-7.6	1.8	-1.8	2.5	1.4	3.6	2.5	2.0
Aug	-1.0	6.2	5.1	2.5	-10.1	-0.6	-9.9	-1.5	-1.9	-2.1	-2.1	8.4	3.0	-
Sep	2.7	8.7	7.7	12.8	-6.2	-10.3	-7.6	2.0	-3.7	-1.0	-1.7	9.2	3.6	2.6
Oct	5.4	8.1	7.7	12.2	4.0	-8.5	-3.4	4.3	0.6	-4.1	-2.9	7.6	2.2	3.5
Nov	-3.0	6.6	5.1	11.2	-4.6	-2.2	-2.8	2.7	5.5	-6.7	-3.7	4.3	0.1	1.8
Dec	4.6	-4.6	-3.2	4.2	-5.9	1.3	-4.6	-2.3	-3.8	-4.5	-4.3	-1.1	-2.8	-2.4
2019 Jan	21.4	3.6	6.0	2.7	10.0	0.4	-9.6	1.1	-0.3	-1.1	-0.9	7.6	3.3	1.8

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.

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

£ million

	New Housing			Other New Work				Repair and Maintenance								All Repair and Mainten- ance	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	6 079	34 679	40 759	19 756	11 260	4 900	32 782	109 457	7 581	22 383	29 964	8 762	5 002	12 732	56 459	165 916	
2018	6 217	38 250	44 467	21 637	10 554	5 284	31 808	113 751	7 540	22 543	30 084	9 246	4 844	13 847	58 021	171 772	

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

£ million

	New Housing				Other New Work				Repair and Maintenance							All Repair and Mainte- ance	All Work
	Public housing	Private housing	Total new housing	Infra- struc- ture	Excluding Infrastructure			All new work	Housing			Other Work					
					Public	Private indusr- ial	Private commec- ial		Public housing	Private housing	Total housing	Infra- struc- ture	Public	Private			
	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVNM	MVO2	N42T	N42U	N42V	MVO4	MVO5	
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	1 463	8 192	9 655	4 834	2 935	1 141	8 232	26 796	1 880	5 500	7 381	2 170	1 267	3 160	13 978	40 775	
Q2	1 501	8 504	10 005	4 909	2 847	1 175	8 220	27 156	1 918	5 566	7 484	2 140	1 292	3 118	14 035	41 191	
Q3	1 535	8 730	10 265	5 016	2 772	1 302	8 292	27 646	1 901	5 623	7 525	2 218	1 272	3 184	14 198	41 845	
Q4	1 581	9 253	10 833	4 997	2 706	1 283	8 039	27 858	1 881	5 693	7 574	2 233	1 171	3 270	14 248	42 106	
2018 Q1	1 421	9 081	10 502	5 201	2 598	1 319	7 977	27 597	1 842	5 546	7 388	2 232	1 112	3 327	14 059	41 656	
Q2	1 518	9 404	10 923	5 258	2 550	1 377	8 025	28 132	1 880	5 772	7 651	2 344	1 162	3 441	14 599	42 731	
Q3	1 601	9 840	11 441	5 499	2 675	1 300	7 812	28 726	1 890	5 722	7 612	2 363	1 323	3 572	14 870	43 595	
Q4	1 677	9 926	11 602	5 679	2 732	1 288	7 995	29 296	1 929	5 504	7 432	2 308	1 247	3 507	14 493	43 789	

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

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

£ million

	New Housing				Other New Work			Repair and Maintenance							All Repair and Maintenance	All Work
	Public housing	Private housing	Total new housing	Infra- structure	Excluding Infrastructure			Housing				Other 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
2013 Jan	321	1 375	1 696	1 215	787	324	1 891	5 913	625	1 263	1 889	649	425	757	3 719	9 633
Feb	329	1 438	1 767	1 270	850	325	1 872	6 084	647	1 286	1 932	666	437	775	3 810	9 894
Mar	319	1 398	1 716	1 294	853	302	1 885	6 051	635	1 286	1 921	637	445	774	3 777	9 827
Apr	344	1 414	1 758	1 234	833	295	1 887	6 008	650	1 288	1 938	619	437	818	3 811	9 819
May	347	1 469	1 816	1 232	874	292	1 920	6 135	620	1 329	1 949	650	447	817	3 864	9 999
Jun	352	1 538	1 891	1 317	866	288	1 910	6 271	613	1 362	1 975	634	449	841	3 899	10 171
Jul	362	1 519	1 881	1 260	868	283	1 978	6 271	593	1 356	1 949	682	457	809	3 897	10 168
Aug	368	1 598	1 967	1 308	869	312	2 042	6 499	641	1 387	2 028	703	454	855	4 039	10 538
Sep	374	1 601	1 975	1 216	915	273	2 111	6 491	623	1 396	2 019	697	451	822	3 989	10 479
Oct	412	1 647	2 059	1 364	845	278	2 077	6 623	638	1 404	2 041	718	461	842	4 062	10 685
Nov	416	1 653	2 069	1 311	841	287	2 016	6 524	626	1 430	2 056	695	450	827	4 028	10 552
Dec	401	1 727	2 128	1 309	847	298	2 039	6 621	634	1 383	2 017	736	438	825	4 016	10 637
2014 Jan	435	1 894	2 330	1 304	829	309	2 107	6 878	678	1 469	2 147	758	456	838	4 200	11 078
Feb	452	1 773	2 224	1 300	824	328	2 097	6 774	633	1 519	2 152	708	443	854	4 157	10 931
Mar	458	1 772	2 230	1 233	843	349	2 174	6 828	628	1 504	2 132	698	448	855	4 133	10 962
Apr	449	1 898	2 346	1 223	873	355	2 157	6 955	650	1 513	2 164	708	494	885	4 251	11 206
May	491	1 922	2 413	1 254	831	361	2 128	6 988	638	1 487	2 125	703	471	885	4 185	11 174
Jun	504	1 943	2 447	1 215	858	366	2 136	7 022	649	1 463	2 112	718	471	926	4 227	11 249
Jul	500	2 064	2 564	1 262	857	359	2 168	7 209	652	1 498	2 150	739	459	905	4 253	11 461
Aug	517	2 047	2 564	1 255	888	363	2 138	7 208	663	1 574	2 237	744	458	901	4 341	11 549
Sep	514	2 095	2 609	1 297	882	356	2 175	7 318	650	1 501	2 151	752	513	908	4 325	11 643
Oct	502	2 081	2 583	1 305	910	344	2 156	7 297	638	1 493	2 131	787	437	850	4 205	11 502
Nov	485	2 111	2 596	1 358	891	345	2 233	7 423	664	1 478	2 142	752	419	927	4 240	11 663
Dec	481	2 020	2 501	1 319	878	366	2 274	7 339	639	1 469	2 108	733	449	903	4 193	11 532
2015 Jan	456	2 109	2 565	1 477	812	395	2 198	7 448	661	1 460	2 121	803	416	887	4 227	11 675
Feb	469	2 053	2 522	1 486	867	395	2 211	7 481	649	1 443	2 092	720	409	892	4 113	11 594
Mar	451	2 125	2 576	1 632	859	380	2 157	7 604	669	1 526	2 195	838	408	895	4 336	11 941
Apr	479	2 220	2 699	1 629	847	391	2 174	7 740	643	1 542	2 185	738	395	895	4 212	11 953
May	420	2 264	2 684	1 585	862	379	2 213	7 724	668	1 547	2 215	671	379	914	4 179	11 903
Jun	415	2 198	2 613	1 540	902	380	2 313	7 748	669	1 576	2 244	690	384	906	4 224	11 972
Jul	390	2 200	2 590	1 632	897	436	2 263	7 819	660	1 569	2 228	745	385	929	4 288	12 107
Aug	354	2 154	2 508	1 570	880	413	2 255	7 626	661	1 553	2 214	660	393	901	4 168	11 794
Sep	369	2 185	2 553	1 543	904	407	2 193	7 600	677	1 583	2 259	655	416	957	4 288	11 888
Oct	364	2 255	2 619	1 561	894	389	2 343	7 806	654	1 594	2 247	646	422	955	4 270	12 077
Nov	357	2 215	2 572	1 493	902	399	2 353	7 719	646	1 577	2 223	663	434	963	4 282	12 002
Dec	369	2 320	2 689	1 661	903	370	2 317	7 941	653	1 543	2 196	665	427	984	4 272	12 213
2016 Jan	393	2 307	2 699	1 496	901	372	2 415	7 883	653	1 602	2 255	640	422	963	4 279	12 163
Feb	370	2 445	2 816	1 544	914	336	2 419	8 029	658	1 577	2 235	645	417	959	4 256	12 285
Mar	384	2 502	2 886	1 531	868	369	2 309	7 962	649	1 593	2 242	622	386	952	4 202	12 164
Apr	372	2 516	2 888	1 485	951	420	2 445	8 188	653	1 625	2 278	718	403	965	4 365	12 553
May	377	2 502	2 879	1 495	956	407	2 449	8 187	634	1 598	2 232	701	413	943	4 288	12 475
Jun	404	2 551	2 955	1 469	936	386	2 472	8 218	625	1 651	2 276	683	411	971	4 340	12 558
Jul	403	2 569	2 972	1 555	967	376	2 486	8 355	615	1 674	2 289	660	399	964	4 312	12 667
Aug	400	2 559	2 959	1 520	947	370	2 503	8 300	594	1 681	2 275	660	410	994	4 339	12 639
Sep	412	2 628	3 040	1 560	932	381	2 545	8 458	610	1 752	2 362	666	405	977	4 410	12 868
Oct	425	2 635	3 060	1 525	934	390	2 551	8 460	617	1 704	2 322	672	406	1 034	4 435	12 895
Nov	442	2 668	3 111	1 628	962	396	2 566	8 662	616	1 793	2 409	696	386	1 011	4 501	13 163
Dec	459	2 679	3 138	1 595	958	399	2 655	8 746	647	1 828	2 475	705	410	1 007	4 596	13 342
2017 Jan	470	2 688	3 158	1 650	989	378	2 682	8 857	613	1 841	2 454	712	419	1 029	4 614	13 471
Feb	478	2 673	3 151	1 583	983	378	2 764	8 859	631	1 823	2 454	734	430	1 037	4 654	13 513
Mar	515	2 830	3 345	1 601	963	385	2 786	9 080	637	1 836	2 473	723	418	1 095	4 710	13 790
Apr	478	2 763	3 242	1 627	965	380	2 741	8 954	638	1 848	2 486	702	438	1 028	4 654	13 608
May	530	2 782	3 313	1 639	952	377	2 755	9 036	630	1 870	2 500	701	431	1 072	4 704	13 740
Jun	493	2 958	3 451	1 643	930	418	2 725	9 167	650	1 847	2 498	738	423	1 018	4 677	13 843
Jul	505	2 822	3 327	1 659	882	423	2 738	9 030	636	1 865	2 501	722	454	1 064	4 742	13 772
Aug	509	2 960	3 469	1 682	960	425	2 819	9 355	636	1 901	2 537	735	419	1 040	4 731	14 085
Sep	521	2 948	3 470	1 675	930	453	2 734	9 262	629	1 858	2 487	761	399	1 079	4 726	13 988
Oct	493	2 998	3 491	1 643	887	447	2 639	9 108	627	1 907	2 534	735	391	1 086	4 746	13 853
Nov	534	3 128	3 662	1 635	885	415	2 677	9 273	617	1 948	2 566	745	403	1 097	4 810	14 083
Dec	553	3 127	3 680	1 719	935	421	2 723	9 478	636	1 838	2 474	753	377	1 087	4 692	14 169
2018 Jan	462	2 942	3 403	1 800	865	448	2 699	9 215	627	1 837	2 464	762	365	1 110	4 702	13 917
Feb	477	3 083	3 560	1 726	864	421	2 654	9 225	617	1 851	2 468	747	360	1 095	4 670	13 895
Mar	482	3 057	3 539	1 675	869	450	2 624	9 157	598	1 858	2 456	723	387	1 122	4 687	13 844
Apr	496	3 050	3 545	1 717	812	462	2 689	9 226	617	1 831	2 447	761	367	1 155	4 731	13 957
May	498	3 130	3 628	1 744	872	453	2 674	9 370	624	1 985	2 609	818	383	1 131	4 942	14 312
Jun	525	3 225	3 750	1 797	866	462	2 662	9 536	639	1 956	2 595	764	412	1 155	4 926	14 462
Jul	527	3 302	3 829	1 775	896	440	2 605	9 546	636	1 954	2 591	773	422	1 170	4 956	14 502
Aug	521	3 260	3 782	1 783	884	440	2 611	9 500	635	1 896	2 531	788	433	1 198	4 950	14 450
Sep	553	3 277	3 830	1 941	894	420	2 596	9 680	619	1 871	2 490	802	469	1 203	4 963	14 643
Oct	532	3 374	3 906	1 929	948	423	2 623	9 829	642	1 860	2 502	793	437	1 196	4 928	14 757
Nov	542	3 431	3 973	1 894	879	424	2 699	9 869	663	1 851	2 513	780	418	1 186	4 898	14 766
Dec	603	3 120	3 723	1 856	905	442	2 672	9 598	624	1 793	2 417	735	392	1 125	4 668	14 266
2019 Jan	574	3 182	3 756	1 944	984	466	2 513	9 662	635	1 853	2 488	798	425	1 214	4 926	14 588

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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	6 079	34 679	40 759	19 756	11 260	4 900	32 782	109 457	7 581	22 383	29 964	8 762	5 002	12 732	56 459	165 916
2018	6 217	38 250	44 467	21 637	10 554	5 284	31 808	113 751	7 540	22 543	30 084	9 246	4 844	13 847	58 021	171 772

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

£ million

	New Housing				Other New Work			Repair and Maintenance				Other Work		All Repair and Maintenance	All Work	
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			Housing				Public	Private			
					Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing					Infra-structure
	MV6L	MV6M	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV72	
2004 Q1	551	4 534	5 085	2 109	2 133	1 298	6 220	16 845	1 696	2 985	4 681	-	1 863	3 144	9 688	26 533
Q2	582	4 675	5 257	2 125	2 169	1 269	6 390	17 210	1 568	2 845	4 413	-	1 695	2 952	9 060	26 270
Q3	556	4 862	5 418	2 087	2 171	1 299	6 462	17 437	1 562	3 046	4 608	-	1 805	3 075	9 488	26 925
Q4	521	4 906	5 427	1 922	2 165	1 344	6 437	17 295	1 588	3 075	4 663	-	1 852	3 120	9 635	26 930
2005 Q1	567	4 962	5 529	1 984	2 132	1 316	6 360	17 321	1 828	2 983	4 811	-	2 041	3 208	10 060	27 381
Q2	568	5 231	5 799	2 008	2 107	1 378	6 537	17 829	1 730	3 041	4 771	-	1 984	3 210	9 965	27 794
Q3	539	5 301	5 840	2 118	2 064	1 421	6 619	18 062	1 568	3 087	4 655	-	2 024	3 353	10 032	28 094
Q4	577	5 221	5 798	2 131	2 059	1 495	6 809	18 292	1 516	3 165	4 681	-	1 995	3 256	9 932	28 224
2006 Q1	683	5 274	5 957	2 103	2 045	1 560	7 093	18 758	1 708	3 087	4 795	-	1 972	3 241	10 008	28 766
Q2	723	5 404	6 127	2 043	1 994	1 533	7 279	18 976	1 637	3 174	4 811	-	1 987	3 361	10 159	29 135
Q3	731	5 540	6 271	2 047	2 005	1 559	7 743	19 625	1 778	3 090	4 868	-	2 024	3 432	10 324	29 949
Q4	716	5 547	6 263	1 985	2 003	1 656	8 006	19 913	1 696	3 217	4 913	-	1 885	3 760	10 558	30 471
2007 Q1	876	5 613	6 489	2 010	2 003	1 679	8 172	20 353	1 817	3 195	5 012	-	1 814	3 835	10 661	31 014
Q2	901	5 615	6 516	2 146	2 028	1 655	8 414	20 759	1 675	3 369	5 044	-	1 821	3 818	10 683	31 442
Q3	872	5 567	6 439	2 248	2 128	1 574	8 806	21 195	1 680	3 278	4 958	-	1 888	4 046	10 892	32 087
Q4	831	5 351	6 182	2 238	2 188	1 530	9 012	21 150	1 713	3 634	5 347	-	1 916	4 108	11 371	32 521
2008 Q1	866	5 186	6 052	2 353	2 333	1 525	9 195	21 458	1 787	3 420	5 207	-	2 063	4 086	11 356	32 814
Q2	860	4 835	5 695	2 517	2 420	1 351	8 848	20 831	1 903	3 712	5 615	-	2 128	4 204	11 947	32 778
Q3	834	4 386	5 220	2 568	2 594	1 283	9 039	20 704	1 943	3 600	5 543	-	2 333	4 070	11 946	32 650
Q4	739	3 731	4 470	2 277	2 641	1 180	8 108	18 676	1 834	3 976	5 810	-	2 111	3 805	11 726	30 402
2009 Q1	734	3 288	4 022	2 323	2 621	971	7 195	17 132	1 813	3 295	5 108	-	2 053	3 554	10 715	27 847
Q2	763	3 175	3 938	2 590	2 802	848	6 742	16 920	1 802	3 282	5 084	-	1 938	3 450	10 472	27 392
Q3	874	3 031	3 905	2 741	3 087	818	6 229	16 780	1 983	3 501	5 484	-	2 497	3 694	11 675	28 455
Q4	956	3 098	4 054	3 084	3 347	878	5 392	16 755	1 819	3 205	5 024	-	2 143	3 467	10 634	27 389
2010 Q1	1 072	3 029	4 101	3 315	3 303	823	5 443	16 985	2 038	3 011	5 049	1 607	1 238	1 943	9 837	26 822
Q2	1 230	3 815	5 045	3 647	3 600	882	5 817	18 991	1 941	3 524	5 464	1 791	1 200	1 992	10 448	29 439
Q3	1 311	3 996	5 307	3 448	3 786	1 025	6 453	20 019	1 963	3 887	5 850	1 764	1 409	2 174	11 197	31 216
Q4	1 279	3 999	5 279	3 130	3 683	821	5 997	18 910	1 930	3 983	5 912	1 679	1 227	2 180	10 999	29 908
2011 Q1	1 243	3 658	4 901	3 473	3 399	795	5 421	17 989	1 920	3 447	5 367	1 880	1 212	2 188	10 648	28 636
Q2	1 307	4 260	5 567	4 048	3 354	866	5 991	19 825	1 750	3 692	5 443	1 867	1 145	2 174	10 629	30 455
Q3	1 213	4 273	5 486	3 890	3 472	839	6 453	20 140	1 761	3 852	5 613	2 066	1 459	2 325	11 464	31 604
Q4	1 162	4 207	5 369	3 909	3 086	865	6 407	19 636	1 791	4 168	5 959	1 941	1 234	2 272	11 406	31 042
2012 Q1	1 023	3 978	5 000	3 466	2 716	924	5 483	17 589	1 942	3 739	5 682	1 916	1 250	2 342	11 189	28 779
Q2	1 018	4 191	5 209	3 420	2 692	950	5 793	18 064	1 814	3 696	5 510	1 993	1 107	2 268	10 879	28 943
Q3	1 011	3 997	5 008	3 707	2 861	936	5 663	18 174	1 938	3 808	5 746	1 885	1 395	2 363	11 389	29 563
Q4	997	4 218	5 215	3 832	2 608	1 000	5 689	18 344	1 952	3 878	5 830	1 879	1 209	2 290	11 208	29 552
2013 Q1	904	3 751	4 654	3 618	2 305	924	5 335	16 836	1 993	3 493	5 485	1 943	1 245	2 220	10 894	27 730
Q2	1 089	4 697	5 786	3 797	2 533	883	5 645	18 644	1 812	3 988	5 800	1 898	1 241	2 449	11 388	30 032
Q3	1 109	4 769	5 878	3 852	2 865	882	6 384	19 861	1 859	4 250	6 109	2 122	1 542	2 579	12 352	32 213
Q4	1 242	5 162	6 404	4 065	2 547	869	6 266	20 151	1 881	4 438	6 320	2 123	1 322	2 512	12 277	32 428
2014 Q1	1 281	5 049	6 330	3 672	2 301	946	6 058	19 309	2 027	4 202	6 229	2 150	1 286	2 455	12 120	31 429
Q2	1 488	5 963	7 452	3 700	2 523	1 091	6 350	21 115	1 871	4 423	6 293	2 127	1 311	2 669	12 400	33 515
Q3	1 537	6 249	7 785	3 887	2 849	1 123	6 757	22 401	1 971	4 691	6 662	2 263	1 643	2 806	13 373	35 774
Q4	1 482	6 358	7 840	4 066	2 691	1 042	6 778	22 416	1 914	4 653	6 567	2 261	1 280	2 708	12 816	35 232
2015 Q1	1 313	5 850	7 163	4 430	2 342	1 127	6 262	21 324	2 082	4 128	6 210	2 355	1 177	2 579	12 321	33 645
Q2	1 359	6 925	8 284	4 748	2 575	1 151	6 625	23 384	1 915	4 631	6 545	2 101	1 060	2 683	12 390	35 774
Q3	1 117	6 571	7 688	4 825	2 909	1 293	6 984	23 698	1 999	4 838	6 837	2 075	1 386	2 878	13 176	36 874
Q4	1 103	6 952	8 055	4 809	2 703	1 163	7 120	23 851	1 913	4 915	6 828	1 965	1 244	2 937	12 974	36 825
2016 Q1	1 086	6 781	7 866	4 411	2 478	1 031	6 845	22 630	2 087	4 487	6 574	1 894	1 162	2 804	12 435	35 065
Q2	1 197	7 864	9 061	4 436	2 808	1 212	7 297	24 814	1 846	4 873	6 718	2 111	1 140	2 833	12 803	37 617
Q3	1 219	7 787	9 006	4 725	3 095	1 176	7 848	25 851	1 814	5 228	7 041	1 996	1 408	3 023	13 468	39 319
Q4	1 340	8 130	9 470	4 831	2 845	1 181	7 826	26 153	1 826	5 491	7 317	2 065	1 157	3 080	13 618	39 770
2017 Q1	1 382	7 763	9 145	4 673	2 726	1 072	7 876	25 492	1 990	5 188	7 178	2 162	1 201	3 080	13 621	39 113
Q2	1 548	8 681	10 229	4 871	2 802	1 190	8 216	27 307	1 870	5 565	7 435	2 143	1 172	3 064	13 814	41 121
Q3	1 550	8 739	10 289	5 101	2 984	1 361	8 561	28 296	1 887	5 759	7 645	2 220	1 482	3 269	14 617	42 913
Q4	1 600	9 497	11 096	5 111	2 748	1 278	8 129	28 363	1 834	5 871	7 706	2 236	1 147	3 319	14 407	42 770
2018 Q1	1 350	8 594	9 944	5 049	2 384	1 233	7 637	26 246	1 945	5 154	7 099	2 214	1 027	3 244	13 585	39 831
Q2	1 567	9 641	11 209	5 212	2 506	1 405	8 031	28 363	1 833	5 825	7 659	2 344	1 058	3 371	14 432	42 795
Q3	1 614	9 833	11 447	5 574	2 920	1 368	8 034	29 344	1 869	5 853	7 721	2 367	1 550	3 658	15 297	44 641
Q4	1 686	10 182	11 868	5 801	2 745	1 278	8 106	29 798	1 893	5 711	7 604	2 320	1 209	3 573	14 707	44 505

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

£ million

	New Housing				Other New Work			Repair and Maintenance				Other Work		All Repair and Maintenance		All Work
	Public housing	Private housing	Total new housing	Infra-structure	Excluding Infrastructure			Housing				Public	Private	Maintenance	All Work	
					Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing					
	MV6L	MV6M	MVM5	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV72
2013 Jan	258	1 121	1 379	1 056	665	289	1 679	5 067	579	1 082	1 661	573	365	672	3 270	8 338
Feb	301	1 262	1 563	1 170	752	326	1 731	5 541	654	1 152	1 806	651	403	739	3 600	9 141
Mar	345	1 368	1 713	1 393	888	309	1 924	6 227	760	1 259	2 019	719	477	809	4 024	10 251
Apr	332	1 489	1 821	1 227	808	296	1 832	5 985	617	1 286	1 904	609	409	805	3 727	9 712
May	352	1 522	1 874	1 256	875	296	1 928	6 230	605	1 340	1 945	653	417	816	3 831	10 061
Jun	405	1 686	2 091	1 314	849	291	1 885	6 430	590	1 362	1 952	636	414	828	3 830	10 260
Jul	360	1 602	1 962	1 304	943	292	2 092	6 593	600	1 452	2 052	710	498	837	4 096	10 689
Aug	367	1 564	1 932	1 324	967	316	2 108	6 646	632	1 368	2 000	716	555	884	4 154	10 800
Sep	382	1 603	1 984	1 225	955	274	2 183	6 622	627	1 430	2 058	696	490	859	4 102	10 724
Oct	424	1 824	2 248	1 471	908	294	2 305	7 226	670	1 569	2 239	757	493	903	4 392	11 618
Nov	427	1 704	2 132	1 366	869	287	2 116	6 769	651	1 551	2 201	702	453	849	4 206	10 976
Dec	391	1 633	2 024	1 228	770	289	1 845	6 156	561	1 319	1 880	664	376	760	3 679	9 835
2014 Jan	372	1 631	2 003	1 145	703	260	1 888	5 998	630	1 292	1 922	670	398	749	3 739	9 737
Feb	422	1 588	2 011	1 197	728	330	1 955	6 221	641	1 379	2 020	691	409	820	3 940	10 160
Mar	487	1 829	2 316	1 331	870	357	2 216	7 090	757	1 531	2 287	789	479	887	4 442	11 532
Apr	435	1 894	2 330	1 216	848	350	2 102	6 846	622	1 463	2 086	696	461	872	4 114	10 960
May	497	1 940	2 436	1 257	820	371	2 104	6 989	612	1 464	2 076	707	420	867	4 070	11 059
Jun	556	2 130	2 686	1 227	854	370	2 143	7 280	637	1 495	2 132	725	430	930	4 216	11 496
Jul	499	2 145	2 644	1 307	936	384	2 295	7 565	658	1 600	2 258	764	504	931	4 457	12 022
Aug	516	1 980	2 495	1 253	976	361	2 168	7 254	644	1 525	2 170	752	571	913	4 405	11 659
Sep	522	2 124	2 646	1 327	937	378	2 294	7 582	668	1 565	2 234	747	567	962	4 511	12 093
Oct	513	2 261	2 774	1 411	965	346	2 390	7 886	668	1 662	2 329	831	474	916	4 550	12 436
Nov	495	2 136	2 631	1 393	907	352	2 283	7 567	675	1 573	2 248	763	415	942	4 367	11 934
Dec	474	1 961	2 435	1 262	818	343	2 105	6 963	572	1 418	1 990	667	391	851	3 899	10 863
2015 Jan	392	1 807	2 199	1 298	681	336	1 950	6 464	605	1 256	1 861	705	352	782	3 700	10 164
Feb	438	1 861	2 299	1 382	766	391	2 079	6 917	657	1 295	1 952	702	379	857	3 890	10 807
Mar	483	2 181	2 664	1 750	896	400	2 233	7 943	820	1 577	2 397	948	446	941	4 731	12 674
Apr	465	2 261	2 726	1 622	828	379	2 121	7 677	618	1 497	2 116	725	363	880	4 084	11 760
May	425	2 244	2 669	1 563	839	375	2 151	7 597	629	1 495	2 124	674	342	878	4 018	11 615
Jun	468	2 420	2 889	1 562	908	397	2 354	8 110	667	1 639	2 306	702	355	925	4 289	12 399
Jul	389	2 282	2 670	1 682	982	445	2 391	8 170	664	1 678	2 343	763	428	956	4 489	12 659
Aug	351	2 080	2 431	1 569	969	416	2 283	7 669	640	1 508	2 148	662	472	907	4 188	11 857
Sep	378	2 209	2 587	1 574	958	431	2 309	7 860	695	1 652	2 347	650	486	1 015	4 498	12 358
Oct	374	2 407	2 781	1 648	922	401	2 533	8 286	670	1 735	2 405	681	442	1 010	4 538	12 824
Nov	365	2 279	2 644	1 552	933	407	2 433	7 970	660	1 702	2 361	676	425	998	4 461	12 431
Dec	364	2 265	2 630	1 609	849	355	2 154	7 596	583	1 478	2 061	608	377	929	3 975	11 570
2016 Jan	328	1 965	2 293	1 294	749	308	2 114	6 758	588	1 364	1 952	559	361	842	3 714	10 472
Feb	339	2 258	2 597	1 445	815	336	2 303	7 496	690	1 520	2 209	629	390	951	4 179	11 675
Mar	418	2 557	2 976	1 672	914	387	2 428	8 377	808	1 604	2 413	707	411	1 011	4 541	12 918
Apr	356	2 571	2 927	1 458	920	397	2 349	8 050	617	1 601	2 218	707	389	930	4 245	12 295
May	382	2 513	2 895	1 493	948	422	2 432	8 189	603	1 565	2 168	703	361	919	4 150	12 339
Jun	458	2 780	3 239	1 485	940	394	2 517	8 575	625	1 707	2 333	701	389	984	4 408	12 983
Jul	402	2 587	2 989	1 570	1 029	385	2 533	8 506	598	1 724	2 323	672	428	962	4 385	12 891
Aug	396	2 549	2 946	1 563	1 078	381	2 632	8 599	590	1 687	2 277	660	515	1 024	4 476	13 075
Sep	421	2 651	3 072	1 593	989	410	2 683	8 747	626	1 816	2 442	664	464	1 037	4 607	13 354
Oct	434	2 762	3 196	1 594	937	403	2 701	8 829	622	1 816	2 438	704	407	1 077	4 626	13 456
Nov	449	2 772	3 221	1 709	1 012	412	2 693	9 047	633	1 947	2 581	714	399	1 065	4 758	13 806
Dec	457	2 597	3 053	1 528	896	367	2 432	8 276	571	1 727	2 298	646	351	938	4 233	12 509
2017 Jan	398	2 344	2 742	1 482	844	331	2 398	7 797	562	1 624	2 186	643	345	928	4 102	11 899
Feb	439	2 466	2 905	1 471	865	359	2 602	8 201	636	1 668	2 304	703	391	1 002	4 399	12 600
Mar	545	2 953	3 498	1 721	1 017	382	2 876	9 494	792	1 895	2 687	816	465	1 151	5 120	14 614
Apr	460	2 676	3 136	1 568	909	367	2 610	8 590	595	1 751	2 346	676	389	984	4 395	12 985
May	534	2 806	3 339	1 645	960	376	2 811	9 132	610	1 887	2 497	706	381	1 055	4 630	13 771
Jun	555	3 200	3 754	1 657	932	446	2 796	9 586	665	1 926	2 592	762	402	1 025	4 789	14 366
Jul	509	2 861	3 370	1 679	929	439	2 776	9 194	624	1 945	2 569	719	471	1 060	4 819	14 013
Aug	497	2 940	3 437	1 718	1 086	448	2 956	9 645	627	1 920	2 547	741	546	1 074	4 907	14 552
Sep	543	2 938	3 481	1 704	969	474	2 829	9 457	636	1 894	2 529	760	465	1 136	4 890	14 348
Oct	497	3 203	3 700	1 741	932	480	2 850	9 702	643	2 046	2 689	774	406	1 150	5 019	14 721
Nov	548	3 254	3 803	1 721	924	424	2 814	9 686	633	2 111	2 744	778	413	1 163	5 097	14 782
Dec	554	3 039	3 594	1 650	892	374	2 466	8 975	558	1 715	2 273	684	328	1 006	4 291	13 266
2018 Jan	391	2 639	3 031	1 653	745	385	2 470	8 283	586	1 651	2 237	698	303	1 029	4 267	12 550
Feb	438	2 875	3 313	1 620	758	393	2 507	8 592	625	1 689	2 315	716	324	1 049	4 404	12 996
Mar	520	3 080	3 600	1 775	881	455	2 659	9 371	734	1 814	2 548	800	400	1 166	4 915	14 286
Apr	476	3 067	3 543	1 678	783	449	2 617	9 070	584	1 820	2 403	742	326	1 122	4 594	13 663
May	502	3 144	3 646	1 750	872	464	2 736	9 467	604	2 002	2 605	825	341	1 110	4 881	14 348
Jun	590	3 431	4 020	1 784	851	492	2 678	9 826	646	2 004	2 650	777	391	1 139	4 957	14 783
Jul	531	3 369	3 899	1 813	982	477	2 682	9 854	631	2 065	2 696	781	445	1 178	5 100	14 953
Aug	508	3 239	3 747	1 813	1 024	443	2 734	9 761	624	1 915	2 539	795	572	1 231	5 137	14 898
Sep	575	3 225	3 801	1 948	914	448	2 618	9 729	613	1 873	2 486	792	533	1 249	5 060	14 789
Oct	532	3 613	4 144	2 045	998	449	2 846	10 483	699	2 044	2 713	844	467	1 286	5 311	15 793
Nov	547	3 590	4 137	1 979	906	427	2 839	10 288	680	2 025	2 705	811	422	1 257	5 195	15 483
Dec	607	2 979	3 587	1 777	841	401	2 421	9 027	544	1 643	2 187	665	320	1 030	4 202	13 229
2019 Jan	495	2 851	3 347	1 830	851	422	2 270	8 720	601	1 650	2 251	761	360	1 119	4 491	13 211

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.

	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
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	9.3	4.1	4.9	6.4	2.9	1.6	3.4	4.4	2.2	6.2	5.1	2.6	3.9	4.2
Feb	7.6	3.9	4.4	4.7	3.2	-3.3	5.4	4.3	2.1	5.0	4.2	3.5	3.9	4.1
Mar	7.6	2.8	3.5	3.0	2.3	-4.9	6.0	3.6	-0.2	3.3	2.3	2.6	2.5	3.2
Apr	5.8	1.2	1.8	-2.2	-0.7	-3.4	5.1	1.5	1.2	0.6	0.7	2.5	1.6	1.5
May	8.5	-	1.3	-1.5	-2.3	-1.3	2.2	0.5	0.3	0.5	0.4	0.5	0.5	0.5
Jun	3.4	0.7	1.1	0.4	-3.5	2.4	-0.8	-	1.4	0.7	0.9	0.2	0.6	0.2
Jul	4.5	1.0	1.6	1.8	-5.6	5.9	-1.9	-	0.2	0.9	0.7	0.3	0.5	0.2
Aug	-1.3	3.0	2.3	1.7	-4.7	9.8	-1.3	0.7	0.6	0.8	0.7	0.6	0.7	0.7
Sep	1.9	1.9	1.9	0.8	-3.9	9.3	-0.4	0.7	-1.1	0.7	0.2	1.0	0.6	0.7
Oct	-1.2	3.1	2.4	0.2	-1.3	7.2	-1.3	0.8	-1.7	0.9	0.3	0.3	0.3	0.6
Nov	2.0	2.6	2.5	-1.7	-3.9	2.6	-3.4	-0.6	-2.9	1.2	0.2	1.0	0.6	-0.2
Dec	1.8	5.8	5.2	-1.0	-3.1	-2.3	-3.6	0.3	-1.4	0.9	0.3	0.3	0.3	0.3
2018 Jan	0.6	4.9	4.3	3.9	-2.8	-3.9	-1.9	1.3	-1.0	-0.6	-0.7	1.3	0.3	1.0
Feb	-5.8	4.7	3.1	7.5	-0.9	-2.7	-0.7	2.2	-0.2	-3.2	-2.5	-0.5	-1.5	0.9
Mar	-12.6	-0.5	-2.3	4.4	-4.3	2.1	-1.5	-0.8	-2.5	-2.9	-2.8	-0.7	-1.8	-1.2
Apr	-8.4	-1.9	-2.9	-3.0	-6.7	3.2	-2.3	-2.8	-3.1	-2.3	-2.5	-1.6	-2.1	-2.6
May	-2.3	-4.8	-4.4	-5.6	-5.9	4.8	-2.0	-3.7	-2.8	1.7	0.5	1.3	0.9	-2.1
Jun	6.2	-2.4	-1.3	-1.0	-3.5	3.0	-0.6	-1.0	1.2	3.1	2.6	3.3	2.9	0.3
Jul	6.3	1.2	1.9	2.7	2.8	0.3	-1.3	1.2	3.1	5.6	5.0	4.8	4.9	2.5
Aug	6.7	4.7	5.0	4.0	3.2	-2.8	-2.0	2.3	3.5	1.8	2.2	4.0	3.1	2.6
Sep	6.6	5.8	5.9	3.7	4.9	-6.4	-2.9	2.3	0.3	-1.2	-0.8	4.0	1.6	2.1
Oct	4.5	3.4	3.5	5.4	2.8	-6.0	-1.7	1.9	-0.6	-4.9	-3.8	3.8	-0.1	1.2
Nov	3.5	3.2	3.2	6.2	1.5	-6.2	-	2.3	0.4	-4.1	-3.0	2.1	-0.5	1.4
Dec	3.4	0.4	0.8	1.9	0.9	-1.8	1.4	1.1	1.8	-4.0	-2.6	-2.9	-2.8	-0.3
2019 Jan	5.0	-0.8	-	0.8	1.2	2.7	-0.5	0.3	1.2	-2.3	-1.4	-3.2	-2.3	-0.6

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# 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
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	2.0	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	20.5	15.6	16.3	3.5	3.7	-1.0	8.5	9.2	-8.4	12.4	6.2	3.2	4.7	7.6
Feb	21.0	12.3	13.5	1.6	4.2	1.9	10.5	8.7	-7.9	13.5	7.0	5.3	6.2	7.8
Mar	23.3	11.0	12.7	4.6	6.3	0.4	12.9	9.9	-7.7	12.7	6.6	9.3	7.9	9.2
Apr	25.9	8.0	10.4	4.0	3.9	-1.7	13.6	8.8	-6.3	12.7	7.0	8.7	7.9	8.5
May	30.4	8.1	11.1	6.2	1.4	-7.5	13.0	8.8	-5.0	13.1	7.8	8.2	8.0	8.5
Jun	26.7	9.0	11.4	8.6	-2.5	-4.4	9.5	8.0	-2.9	12.2	7.9	5.7	6.8	7.6
Jul	25.7	9.4	11.7	7.1	-6.3	1.4	8.4	7.3	-0.6	11.3	8.0	7.0	7.5	7.4
Aug	21.4	10.5	12.0	7.3	-6.1	9.5	8.3	7.9	2.3	10.3	8.1	7.0	7.6	7.8
Sep	23.0	8.8	10.8	5.8	-6.0	12.3	7.3	7.0	2.2	8.5	6.9	7.8	7.3	7.1
Oct	19.5	9.7	11.1	6.1	-4.8	11.4	5.2	6.7	1.9	8.7	6.9	5.7	6.3	6.6
Nov	17.5	9.8	10.9	3.1	-7.7	7.6	2.8	4.9	-	7.7	5.6	5.8	5.7	5.2
Dec	15.5	11.6	12.2	3.2	-8.0	4.0	1.0	4.7	-1.4	5.7	3.8	4.2	4.0	4.5
2018 Jan	9.9	10.6	10.5	3.6	-10.1	5.4	-0.2	3.6	-1.2	1.8	1.0	4.4	2.6	3.3
Feb	2.9	10.7	9.6	5.9	-11.4	8.3	-3.2	2.8	-2.2	-0.8	-1.2	1.7	0.2	1.9
Mar	-6.2	8.1	5.9	4.6	-14.0	11.7	-6.1	0.2	-3.7	-0.6	-1.4	0.8	-0.3	-
Apr	-4.9	7.2	5.3	2.7	-15.5	12.6	-7.2	-0.8	-5.5	-1.1	-2.2	0.2	-1.0	-0.9
May	-7.3	5.4	3.4	1.4	-14.7	14.9	-7.2	-1.5	-5.2	0.4	-1.1	2.4	0.6	-0.8
Jun	-3.7	4.7	3.4	3.1	-13.9	12.4	-6.0	-0.8	-3.8	1.7	0.3	3.9	2.0	0.2
Jul	-3.3	7.4	5.7	3.7	-8.1	6.6	-6.6	0.4	-2.8	3.6	1.9	4.7	3.3	1.4
Aug	0.1	7.1	6.1	3.7	-7.5	1.6	-7.8	-	-2.5	1.4	0.4	5.9	3.0	1.1
Sep	0.7	8.8	7.5	6.0	-6.1	-3.8	-8.4	0.8	-2.5	-0.2	-0.8	7.1	3.0	1.5
Oct	2.3	7.7	6.9	9.1	-4.3	-6.6	-7.0	1.6	-1.7	-2.4	-2.2	8.4	2.9	2.0
Nov	1.6	7.8	6.8	12.1	-2.3	-7.1	-4.6	3.0	0.8	-4.0	-2.8	7.0	2.0	2.6
Dec	2.3	3.2	3.1	9.1	-2.2	-3.3	-3.6	1.5	0.7	-5.1	-3.6	3.6	-0.1	0.9
2019 Jan	6.9	1.7	2.5	5.8	-0.3	-0.2	-5.6	0.5	0.4	-4.1	-3.0	3.6	0.2	0.4

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

# 6A.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
2018	107.1	107.1	107.1	105.4	106.4	107.3	105.6	106.1	104.6	103.5	103.8	102.2	103.0	105.0

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.

# 6A.Q CONSTRUCTION OUTPUT: IMPLIED PRICE DEFLATOR 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			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6
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
2004 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
2004 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
2004 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
2005 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
2005 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
2005 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
2006 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
2006 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
2006 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
2007 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
2007 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
2007 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
2008 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
2008 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
2008 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
2009 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
2009 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
2009 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
2010 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
2010 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
2010 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
2011 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
2011 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
2011 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
2012 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
2012 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
2012 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
2013 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
2013 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
2013 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
2014 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
2014 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
2014 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
2015 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
2015 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
2015 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
2016 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
2016 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
2016 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	102.2	101.1	101.4	100.2	100.8	101.2
2017 Q2	102.1	102.1	102.0	101.0	102.2	102.6	101.4	101.7	102.5	101.5	101.9	100.5	101.3	101.5
2017 Q3	103.6	103.6	103.5	102.3	103.7	103.8	102.9	103.1	102.9	101.9	102.2	100.8	101.5	102.6
2017 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	106.0	106.0	106.0	103.8	105.2	105.9	104.4	104.9	103.8	102.8	103.1	101.5	102.3	104.0
2018 Q2	107.1	107.1	107.1	105.4	106.3	107.0	105.4	106.0	104.5	103.5	103.9	102.0	103.0	105.0
2018 Q3	107.2	107.2	107.2	105.8	106.7	107.8	105.8	106.3	104.8	103.8	104.1	102.4	103.1	105.2
2018 Q4	107.9	107.9	107.9	106.6	107.5	108.8	106.7	107.0	105.0	104.0	104.3	102.6	103.4	105.8

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.

# 6A.M CONSTRUCTION OUTPUT: IMPLIED PRICE DEFLATOR

## 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 industrial	Private commercial		Public housing	Private housing	Total housing			
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6
2013 Jan	96.9	95.0	95.2	94.8	92.7	92.6	90.5	93.4	93.3	92.8	92.8	94.4	93.5	93.4
Feb	97.1	95.1	95.3	95.1	93.1	93.0	91.1	93.8	93.6	93.4	93.3	94.6	93.9	93.8
Mar	97.3	95.3	95.5	95.4	93.5	93.5	91.6	94.1	94.4	93.6	93.7	95.3	94.4	94.2
Apr	97.5	95.5	95.7	95.7	93.9	94.0	92.0	94.4	95.3	93.7	94.2	96.1	95.1	94.6
May	97.7	95.7	95.9	96.0	94.2	94.5	92.4	94.7	95.9	93.8	94.4	96.8	95.5	95.0
Jun	98.0	96.0	96.2	96.4	94.6	94.8	92.6	95.0	95.9	94.0	94.5	97.1	95.7	95.2
Jul	98.2	96.4	96.6	96.8	94.9	95.1	92.8	95.4	95.6	94.3	94.6	97.0	95.7	95.5
Aug	98.4	96.8	97.0	97.1	95.3	95.4	93.2	95.7	95.2	94.6	94.8	96.8	95.7	95.7
Sep	98.6	97.3	97.4	97.5	95.6	95.7	93.7	96.2	95.1	95.0	95.0	96.8	95.8	96.0
Oct	98.9	97.9	97.9	97.9	95.9	95.9	94.4	96.7	95.3	95.4	95.3	96.9	96.0	96.4
Nov	99.1	98.6	98.5	98.3	96.2	96.2	95.2	97.2	95.5	95.7	95.6	97.0	96.3	96.8
Dec	99.3	99.3	99.1	98.7	96.6	96.6	96.0	97.7	95.7	96.0	95.9	97.1	96.4	97.2
2014 Jan	99.4	99.4	99.3	99.0	97.7	97.7	97.5	98.5	97.2	97.5	97.3	99.0	98.1	98.3
Feb	99.4	99.4	99.2	99.0	97.1	97.1	96.2	98.0	95.6	96.2	96.0	98.0	96.9	97.6
Mar	99.4	99.4	99.1	98.9	96.6	96.6	95.7	97.7	95.2	95.7	95.4	97.5	96.4	97.2
Apr	99.3	99.3	99.1	98.9	96.1	96.1	95.4	97.5	94.8	95.4	95.2	97.3	96.1	97.0
May	99.2	99.2	99.0	98.7	95.8	95.8	95.4	97.4	94.8	95.4	95.2	97.2	96.1	96.9
Jun	99.2	99.2	98.9	98.8	96.4	96.4	96.1	97.6	95.3	96.1	95.8	98.2	96.9	97.3
Jul	99.1	99.1	98.9	98.8	96.7	96.7	96.5	97.8	95.9	96.5	96.3	98.5	97.3	97.6
Aug	99.0	99.0	98.8	98.7	96.1	96.1	95.7	97.4	95.2	95.7	95.5	97.8	96.5	97.1
Sep	98.9	98.9	98.7	98.6	96.4	96.4	96.2	97.6	95.7	96.2	96.0	98.4	97.1	97.4
Oct	98.8	98.8	98.6	98.4	96.3	96.3	96.2	97.5	95.8	96.2	96.1	98.5	97.2	97.4
Nov	98.7	98.7	98.5	98.4	96.6	96.6	96.3	97.6	96.4	96.3	96.3	98.4	97.3	97.4
Dec	98.7	98.7	98.5	98.4	96.4	96.4	96.0	97.4	96.0	96.0	95.9	98.0	96.9	97.2
2015 Jan	98.7	98.7	98.5	98.3	96.4	96.4	95.9	97.4	96.0	95.9	95.9	98.7	97.2	97.3
Feb	98.7	98.7	98.6	98.5	97.0	97.0	96.7	97.8	96.3	96.7	96.4	98.6	97.4	97.6
Mar	98.8	98.8	98.6	98.7	98.3	98.3	98.1	98.4	97.6	98.1	97.8	99.7	98.7	98.5
Apr	98.8	98.8	98.7	98.7	97.4	97.4	96.8	97.9	96.2	96.8	96.6	98.6	97.5	97.8
May	98.8	98.8	98.8	98.8	97.3	97.3	96.9	98.0	95.9	96.9	96.6	98.8	97.6	97.8
Jun	98.8	98.8	98.7	98.7	97.6	97.6	97.3	98.1	96.3	97.3	97.0	99.1	98.0	98.1
Jul	98.9	98.9	98.9	98.8	97.8	97.8	98.1	98.5	97.2	98.1	97.9	99.7	98.7	98.6
Aug	98.9	98.9	98.9	98.8	97.0	97.0	97.4	98.2	96.7	97.4	97.1	99.1	98.1	98.1
Sep	99.0	99.0	98.9	98.9	97.0	97.0	97.5	98.2	96.6	97.5	97.2	99.2	98.1	98.2
Oct	99.1	99.1	99.1	99.1	97.4	97.4	97.9	98.5	96.9	97.9	97.6	99.6	98.6	98.5
Nov	99.1	99.1	99.1	99.1	98.0	98.0	98.4	98.8	97.3	98.4	98.1	99.9	99.0	98.9
Dec	99.2	99.2	99.2	99.1	97.1	97.1	97.6	98.4	96.5	97.6	97.2	99.1	98.1	98.3
2016 Jan	99.4	99.4	99.4	99.3	98.7	98.7	99.0	99.2	97.9	99.0	98.6	100.0	99.3	99.2
Feb	99.5	99.5	99.5	99.4	98.8	98.8	99.2	99.3	98.3	99.2	98.8	100.2	99.5	99.4
Mar	99.6	99.6	99.6	99.6	99.3	99.3	99.4	99.5	98.8	99.4	99.1	100.6	99.8	99.6
Apr	99.6	99.6	99.7	99.6	99.6	99.6	99.5	99.6	98.7	99.5	99.3	100.6	99.9	99.7
May	99.7	99.7	99.7	99.8	99.4	99.4	99.3	99.6	99.0	99.3	99.3	100.4	99.8	99.7
Jun	99.8	99.8	99.8	99.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.8	100.2	99.8
Jul	99.9	99.9	99.9	100.0	100.2	100.2	100.2	100.1	100.7	100.2	100.4	99.4	99.9	100.0
Aug	100.1	100.1	100.1	100.2	100.2	100.2	100.1	100.2	100.5	100.1	100.3	99.2	99.7	100.0
Sep	100.2	100.2	100.2	100.2	100.4	100.4	100.6	100.4	100.9	100.6	100.7	99.3	100.1	100.3
Oct	100.6	100.6	100.6	100.5	100.9	100.9	100.9	100.7	101.7	100.9	101.2	99.6	100.4	100.6
Nov	100.7	100.7	100.7	100.6	101.6	101.6	101.5	101.0	102.2	101.5	101.8	100.2	101.1	101.0
Dec	100.8	100.8	100.8	100.8	101.5	101.5	100.7	100.8	101.7	100.7	101.0	99.7	100.4	100.7
2017 Jan	101.5	101.5	101.5	101.0	102.0	102.0	101.2	101.4	102.0	101.0	101.3	100.0	100.7	101.1
Feb	101.7	101.7	101.7	100.5	102.0	102.2	101.2	101.4	102.1	101.1	101.4	100.2	100.8	101.2
Mar	101.9	101.9	101.8	100.6	102.0	102.3	101.2	101.4	102.3	101.3	101.6	100.4	101.0	101.3
Apr	101.9	101.9	101.9	100.5	101.7	102.5	100.9	101.3	102.5	101.4	101.8	100.5	101.2	101.3
May	102.0	102.0	101.9	101.2	102.3	102.5	101.5	101.7	102.5	101.5	101.9	100.5	101.3	101.6
Jun	102.4	102.4	102.3	101.4	102.8	102.9	102.0	102.0	102.7	101.6	102.0	100.5	101.4	101.8
Jul	103.1	103.1	103.1	102.1	103.6	103.6	102.8	102.8	102.8	101.7	102.1	100.7	101.4	102.4
Aug	103.3	103.3	103.3	102.2	103.5	103.3	102.7	103.0	102.9	101.9	102.2	100.8	101.5	102.5
Sep	104.3	104.3	104.2	102.6	104.0	104.5	103.2	103.6	103.0	102.0	102.3	100.8	101.5	102.9
Oct	104.1	104.1	104.1	102.6	104.0	104.8	103.2	103.5	103.1	102.1	102.4	101.0	101.8	102.9
Nov	104.7	104.7	104.7	102.9	104.3	104.8	103.4	103.8	103.3	102.2	102.6	101.0	101.9	103.1
Dec	104.9	104.9	104.8	103.3	104.8	105.6	104.0	104.1	103.3	102.3	102.6	101.1	101.9	103.4
2018 Jan	106.0	106.0	106.0	103.5	105.1	105.9	104.2	104.8	103.6	102.6	102.9	101.3	102.1	103.9
Feb	105.7	105.7	105.7	103.4	104.9	105.4	104.1	104.6	103.8	102.8	103.1	101.5	102.3	103.8
Mar	106.4	106.4	106.3	104.6	105.7	106.3	104.8	105.4	104.1	103.1	103.4	101.8	102.5	104.4
Apr	106.7	106.7	106.8	104.9	106.0	106.5	105.1	105.7	104.3	103.3	103.7	101.9	102.8	104.7
May	107.0	107.0	107.0	105.3	106.2	106.9	105.4	106.0	104.6	103.5	103.9	101.9	103.0	105.0
Jun	107.5	107.5	107.5	105.8	106.6	107.6	105.8	106.4	104.7	103.7	104.0	102.2	103.2	105.3
Jul	107.3	107.3	107.3	105.8	106.7	107.7	105.8	106.3	104.7	103.7	104.0	102.2	103.2	105.2
Aug	107.2	107.2	107.2	105.6	106.5	107.8	105.7	106.3	104.8	103.8	104.1	102.4	103.1	105.1
Sep	107.1	107.1	107.1	106.1	106.8	108.0	105.9	106.3	104.9	103.9	104.2	102.6	103.2	105.2
Oct	107.2	107.2	107.3	106.0	106.8	107.9	105.9	106.4	104.9	103.9	104.2	102.6	103.3	105.3
Nov	108.1	108.1	108.1	106.8	107.9	109.1	107.0	107.3	105.0	104.0	104.3	102.6	103.4	106.0
Dec	108.3	108.3	108.2	107.0	108.1	109.5	107.2	107.5	105.2	104.1	104.5	102.7	103.6	106.2
2019 Jan	108.6	108.6	108.6	107.2	108.4	109.6	107.5	107.8	105.3	104.3	104.6	102.8	103.6	106.3

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