

Statistical bulletin

# Construction output in Great Britain: November 2019

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



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## 1 . Main points

- Construction output increased by 1.1% in the three months to November 2019, compared with the previous three-month period; this was driven mostly by 1.6% growth in new work, with a smaller contribution from 0.2% growth in repair and maintenance.
- The rise in new work in the three months to November 2019 was because of growth in all sectors apart from private housing new work, which fell 0.4%; the largest positive contribution came from infrastructure and private commercial, which grew by 3.0% and 1.8% respectively.
- In repair and maintenance, the rise in the three months to November 2019 was largely because of the 1.2% increase in non-housing repair and maintenance, with public housing repair and maintenance growing 2.5%; in comparison, private housing repair and maintenance fell by 1.9%.
- Construction output increased by 1.9% in the month-on-month all work series in November 2019; this was primarily driven by 2.4% growth in new work and, to a lesser extent, 0.9% growth in repair and maintenance.

## 2 . Construction output in November 2019

Monthly construction output increased by 1.9% in November 2019, partially recovering from the 2.2% fall in October 2019. The 1.9% increase in November 2019 is the largest monthly growth since January 2019, when it grew 2.4%.

It should be noted that for October 2019 we received some anecdotal information from a number of survey respondents who had been affected by [adverse weather](#). Although it is difficult to quantify the exact impact on the industry, output in November 2019 has partially recovered following this.

November 2019 growth was driven predominantly by 2.4% growth in new work, with a smaller contribution of 0.9% growth in repair and maintenance.

Over the longer term, since the start of 2017, the industry has experienced a slight upward trend in growth in the all work series. However, this is markedly slower growth than the period prior to 2017.

Figure 1 shows the monthly and quarterly indexed chained volume measure, seasonally adjusted series. The quarterly series provides a smoother and more comprehensive view of trends within the construction industry rather than the more volatile monthly series.

**Figure 1: Monthly construction output growth in November 2019 recovered from a large fall in October 2019**

Quarterly and monthly all work index, chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019

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Quarterly and monthly all work index, chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019



Source: Office for National Statistics – Construction Output and Employment

Notes:

1. The next quarterly data point will be available on 11 February 2020 in the [Construction output in Great Britain: December 2019 and new orders October to December 2019](#) release.

### 3 . Detailed growth rates

Table 1: Construction output main figures, Great Britain, November 2019

Type of work	Value £ million	Most recent month on the previous month	Most recent month on year	Most recent three-months on three-months	Most recent three-months on year
Total all work	13,819	1.9	2.0	1.1	1.4
Total all new work	9,158	2.4	2.6	1.6	2.7
Total repair and maintenance	4,662	0.9	0.9	0.2	-0.9
New housing					
Public	588	1.0	20.1	4.5	18.4
Private	3,025	4.6	0.3	-0.4	0.1
Other new work					
Infrastructure	1,851	-0.4	1.5	3.0	4.0
Excl infrastructure					
Public	785	1.3	-0.4	0.6	-4.7
Private industrial	468	8.4	10.4	6.3	8.2
Private commercial	2,440	1.5	2.4	1.8	3.2
Repair and mainenance					
Public housing	653	1.9	7.4	2.5	5.3
Private housing	1,622	-2.6	-6.1	-1.9	-3.9
Non-housing repair and maintenance	2,387	3.1	4.5	1.2	-0.3

Source: Office for National Statistics – Construction Output and Employment

### Contributions to growth

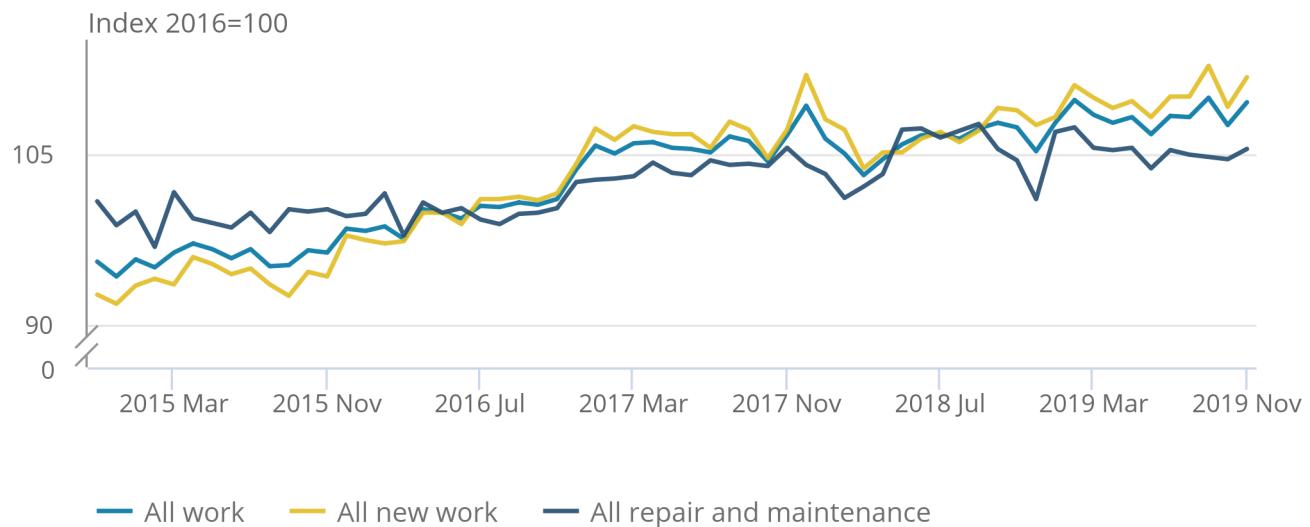
Construction output can be broken down by different types of work. These are categorised into all new work and repair and maintenance, as shown in Figure 2. All new work accounts for approximately two-thirds of all work, while repair and maintenance accounts for approximately one-third of all work.

**Figure 2: Construction output in both new work and repair and maintenance increased in November 2019**

Chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019

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Chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019



Source: Office for National Statistics – Construction Output and Employment

## 4 . Three-month on three-month construction growth

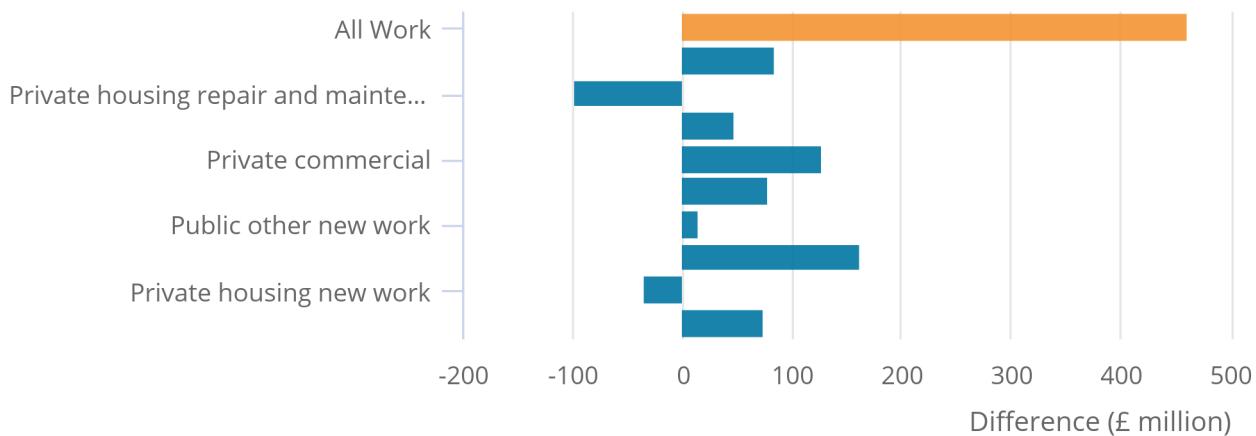
Figure 3 shows the difference in the three-month on three-month growth from the different construction sectors, taken from our seasonally adjusted, chained volume measure series. Construction output increased by 1.1% (£461 million) in the three-months to November 2019, compared with the previous three-months.

**Figure 3: There was growth across most sectors in both new work and repair and maintenance in the three months to November 2019**

Three-month on three-month construction growth, chained volume measure, seasonally adjusted, Great Britain, September to November 2019 compared with June to August 2019

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Three-month on three-month construction growth, chained volume measure, seasonally adjusted, Great Britain, September to November 2019 compared with June to August 2019



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

**Notes:**

1. Sector estimates may not sum because of rounding.

New work rose by 1.6% (£427 million) in November 2019, with notable increases in infrastructure and private commercial new work, which increased by 3.0% (£163 million) and 1.8% (£128 million) respectively. Private commercial new work has seen a recovery since April 2019 following 18 consecutive periods of decline between June 2017 and November 2018.

Private housing was the only sector within new work to see a fall in construction output in the three months to November 2019, compared with the previous three months, decreasing by 0.4% (£34 million).

Repair and maintenance grew by 0.2% (£35 million) in the three months to November 2019, compared with the previous three months. The increase in repair and maintenance was driven by increases in non-housing repair and maintenance and public housing repair and maintenance of 1.2% (£84 million) and 2.5% (£47 million) respectively.

Like in new work, the only sector to see a fall was private housing, with private housing repair and maintenance decreasing by 1.9% (£97 million).

## 5 . Month-on-month construction growth

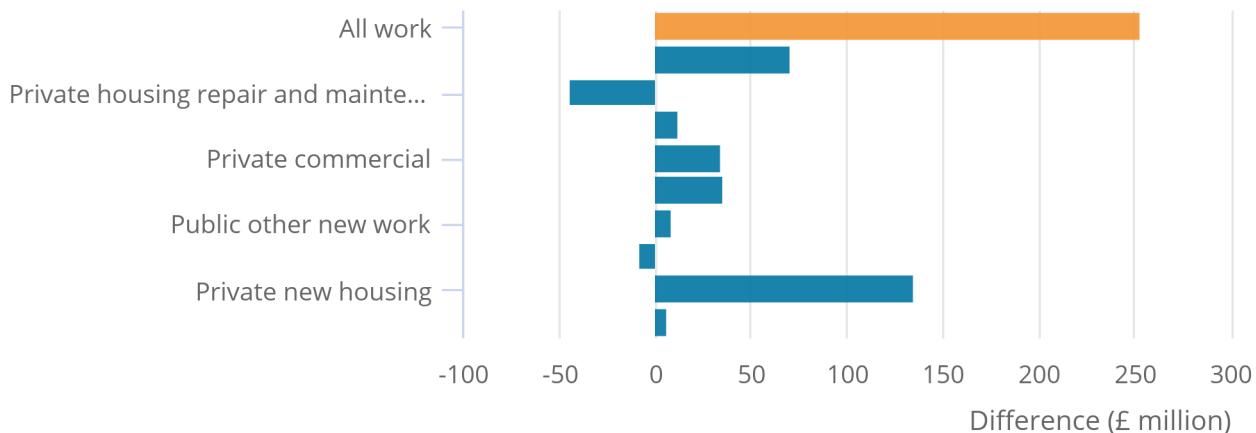
Figure 4 shows the month-on-month growth for November 2019 for the different construction sectors, taken from our seasonally adjusted, chained volume measure series. Construction output increased by 1.9% (£253 million) in November 2019, which is the largest month-on-month increase since January 2019, when it grew by 2.4% (£320 million).

**Figure 4: Private new housing contributed significantly to month-on-month growth in November 2019**

Month-on-month growth, chained volume measure, seasonally adjusted, Great Britain, November 2019 compared with October 2019

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Month-on-month growth, chained volume measure, seasonally adjusted, Great Britain, November 2019 compared with October 2019



Source: Office for National Statistics – Construction Output and Employment

Notes:

1. Sector estimates may not sum because of rounding.

New work in the month-on-month series rose by 2.4% (£214 million) in November 2019, partially recovering from the 3.2% (£298 million) fall in October 2019. All sectors went from negative growth in October 2019 to positive growth in November 2019, apart from public new housing, where growth slowed from 4.4% to 1.0%, and infrastructure, which went from growth of negative 6.0% to negative 0.4%.

Much of the monthly increase in November 2019 came from private housing new work, which rose by 4.6% (£135 million). Similar to all work and new work, the increase in month-on-month growth for private new housing in November 2019 follows a fall of 4.9% (£150 million) in October 2019.

In contrast to this monthly increase in November 2019, the three-month on three-month series shows a decrease of 0.4% (£34 million), as illustrated in Figure 5. The only sector in new work to experience a fall in the month-on-month series was infrastructure, which fell by 0.4% (£8 million).

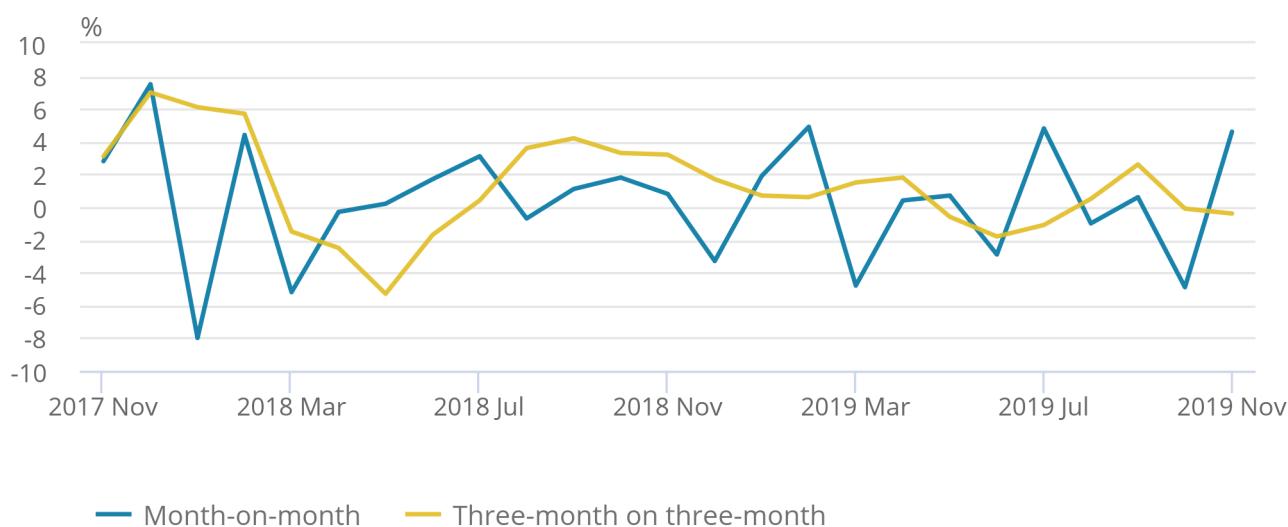
Repair and maintenance also saw an increase in November 2019 in the month-on-month series, rising by 0.9% (£40 million). While non-housing and public housing repair and maintenance rose by 3.1% (£71 million) and 1.9% (£12 million) respectively, private housing repair and maintenance fell by 2.6% (£44 million).

**Figure 5: Private new housing recovered in November 2019 in the monthly series in contrast to a small decline in three-month on three-month growth**

Month-on-month and three-month on three-month private new housing growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2017 to November 2019

**Figure 5: Private new housing recovered in November 2019 in the monthly series in contrast to a small decline in three-month on three-month growth**

Month-on-month and three-month on three-month private new housing growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2017 to November 2019



Source: Office for National Statistics – Construction Output and Employment

## 6 . Month-on-year construction growth

In the month-on-year series, public new housing continues its recent strong performance, growing by 20.1% (£98 million), as illustrated in Figure 6. Despite it having a relatively small size in comparison to other sectors, this continues to be one of the largest contributors along with non-housing repair and maintenance, which grew by 4.5% (£103 million).

## Figure 6: Public new housing continued to perform strongly in 2019

Most recent month-on-year public new housing growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2017 to November 2019

### Figure 6: Public new housing continued to perform strongly in 2019

Most recent month-on-year public new housing growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2017 to November 2019



Source: Office for National Statistics – Construction Output and Employment

## 7 . Three-month on three-month a year earlier construction growth

The largest positive drivers in new work in the three-month on a year earlier series were public new housing, private commercial and infrastructure, which grew by 18.4% (£269 million), 3.2% (£228 million) and 4.0% (£126 million) respectively. Public other new work was the only sector to fall, declining by 4.7% (£116 million) in the three-month on three-month a year earlier series.

The fall in repair and maintenance in this series was mostly driven by the 3.9% (£200 million) fall in private housing repair and maintenance. Figure 7 shows the weak growth in private housing repair and maintenance since mid-2018, particularly in the second half of 2019, with growth substantially lower than it was prior to 2018. It should also be noted the increase seen in February 2019 to April 2019 is when the three-month on three-month a year earlier series contained [February 2018](#) and [March 2018](#) in the base period, which experienced adverse weather conditions.

## Figure 7: Weakness in private housing repair and maintenance continued in 2019

Most recent three-months on three-months a year earlier private housing repair and maintenance growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019

## Figure 7: Weakness in private housing repair and maintenance continued in 2019

Most recent three-months on three-months a year earlier private housing repair and maintenance growth rates, chained volume measure, seasonally adjusted, Great Britain, November 2014 to November 2019



Source: Office for National Statistics – Construction Output and Employment

## 8 . Revisions

This is the first monthly release to incorporate the revisions made in the [GDP quarterly national accounts, UK: July to September 2019](#) release, published on 20 December 2019. As a result, revisions have been made back to January 2018.

Details of why revisions can be seen across the whole period are available in the [Measuring the data section](#).

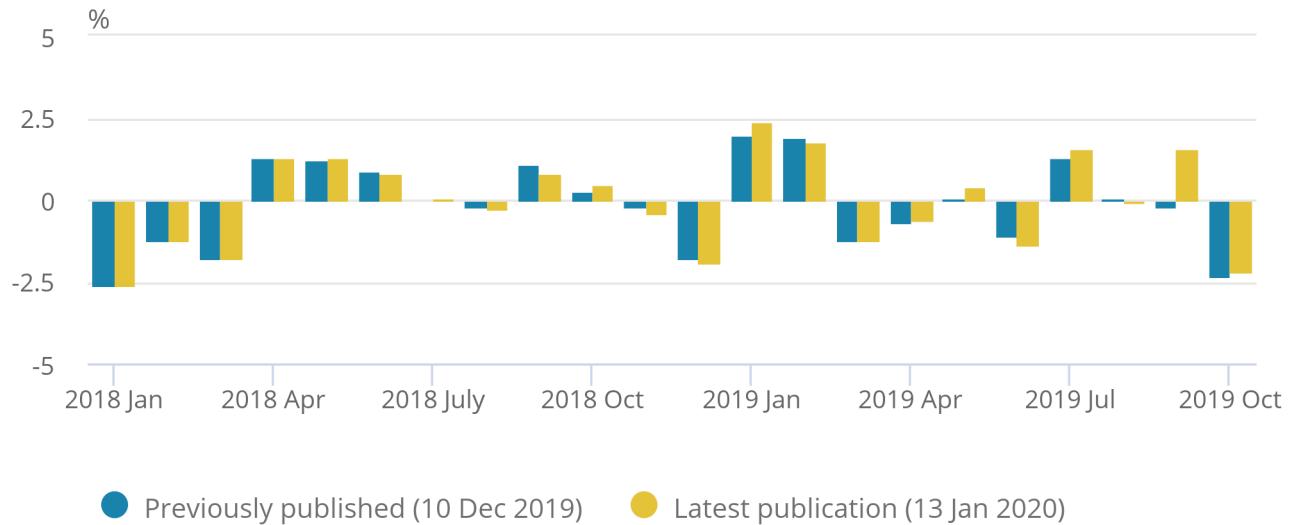
In addition to the revisions to construction output first published within [GDP quarterly national accounts, UK: July to September 2019](#), this publication also includes revisions to the October 2019 construction output estimates first published in [Construction output in Great Britain: October 2019 and new orders July to September 2019](#) on 10 December 2019. These revisions are solely because of late and revised survey returns.

**Figure 8: September 2019 saw a large upward revision to month-on-month growth because of late survey returns, whereas the months prior saw a smaller, mixed profile of revisions**

Month-on-month growth rates, chained volume measure, seasonally adjusted, Great Britain, January 2018 to October 2019

Figure 8: September 2019 saw a large upward revision to month-on-month growth because of late survey returns, whereas the months prior saw a smaller, mixed profile of revisions

Month-on-month growth rates, chained volume measure, seasonally adjusted, Great Britain, January 2018 to October 2019



Source: Office for National Statistics – Construction Output and Employment

For further information on the revisions profile please see the output in the construction industry revisions triangles published on a [one-month](#) and [three-month](#) growth basis.

## 9 . Construction output in Great Britain data

### [Output in the construction industry: sub-national and sub-sector](#)

Dataset | Released 13 January 2020

Quarterly non-seasonally adjusted sub-national and sub-sector data at current prices, Great Britain.

### [Construction output price indices](#)

Dataset | Released 13 November 2019

Monthly construction Output Price Indices (OPIs) from July 2014 to June 2019, UK.

### [New orders in the construction industry](#)

Dataset | Released 10 December 2019

Quarterly new orders at current price and chained volume measures, seasonally adjusted by public and private sector. Quarterly non-seasonally adjusted type of work and regional data.

### [Construction statistics annual tables](#)

Dataset | Released 17 October 2019

The construction industry in Great Britain, including value of output and type of work, new orders by sector, number of firms and total employment.

## 10 . Measuring the data

### Data collection

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 survey's results are used to produce non-seasonally and 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).

Data on new orders supplied by [Barbour ABI](#) are used to model the breakdown of the overall output figures for Great Britain into the sub-sector and sub-national data seen in Tables 1 and 2 of [Construction output: sub-national and sub-sector](#). Please note that this dataset is not designated as a [National Statistic](#).

### Revisions

Revisions in the release can be seen as a result of:

- late responses to surveys replacing imputations, or revisions to original returns
- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually
- HM Revenue and Customs (HMRC) Value Added Tax (VAT) returns replacing Monthly Business Survey (MBS) data for small- and medium-sized businesses for Quarter 2 (April to June) 2019 for the first time as well as potential revisions to previous VAT turnover data
- revisions to the input series for the construction output price indices

## Quality and methodology

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the [Construction output QMI](#) and [New orders in construction QMI](#).

## Value Added Tax (VAT) data

Alongside the MBS, further information on output is gained from VAT turnover data, which are used to replace survey data for small- and medium-sized businesses. However, because of the delay in companies making VAT returns, these data are only taken on after a lag period. Currently, VAT turnover data are used for the period Quarter 1 (Jan to Mar) 2016 to Quarter 2 2019.

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](#)
- [VAT turnover data in national accounts: background and methodology](#)
- [Quality assurance of administrative data \(QAAD\) report for VAT turnover data](#)

## 11 . Strengths and limitations

### Data quality

Construction output is an important economic indicator and is also therefore used in the compilation of the output measure of gross domestic product (GDP). These estimates are widely used by private and public sector institutions, particularly by the Bank of England and HM Treasury, to assist in informed decision-making and policy-making.

### National Statistics status

Great Britain construction output statistics and construction new orders are designated as [National Statistics](#), in accordance with the [Statistics and Registration Service Act 2007](#) and signifying compliance with the [Code of Practice for Statistics](#). A [letter concerning the re-designation](#) is available. This [National Statistics](#) re-designation did not include the [Output in the construction industry: sub-national and sub-sector](#) dataset.

### Comparability

Output in the construction industry follows the [Eurostat short-term business 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](#).

Construction output data used within this release are also used in the compilation of the [GDP monthly estimate](#). While monthly data are available in the output in the construction industry back to January 2010, a longer time series can be obtained in the monthly GDP datasets.

Within this publication, a monthly, all work chained volume measure, seasonally adjusted series can be obtained back to January 1997 in index form to four decimal places. This can be found in the following datasets: [Monthly GDP and main sectors to four decimal places](#) and [Monthly gross domestic product: time series](#).

## Construction statistics recent development work and analysis

Information on recent construction statistics development work and analysis can be found by following these links:

- [Comparing ONS's economic data with IHS Markit and CIPS Purchasing Managers' Index surveys](#) (published 21 October 2019)
- [Conceptual and methodological differences between private housing construction output and gross fixed capital formation private sector dwellings](#) (published 31 May 2019)
- [Construction statistics development: improving the understanding of new orders in the construction industry and the gap between output and new orders](#) (published 30 October 2018)

Further articles on other [construction statistics development work and analysis](#) are available.

## 12 . Related links

### [GDP monthly estimate, UK: October 2019](#)

Statistical bulletin | Released 13 January 2020

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy. As monthly data from the construction survey are only available from January 2010, data prior to this period are derived using statistical methods from the available quarterly data and should therefore be treated with some caution.

### [Index of Services, UK: November 2019](#)

Statistical bulletin | Released 13 January 2020

Monthly movements in output for the services industries.

### [Index of Production, UK: November 2019](#)

Statistical bulletin | Released 13 January 2020

Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.

### [Construction statistics, Great Britain: 2018](#)

Statistical bulletin | Released 18 October 2019

A range of statistics on the construction industry, including value of output, new orders by sector, number of firms and total employment.

### [Construction production \(volume\) index overview](#)

Statistical bulletin | Released 18 December 2019

Output and activity of the construction sector across the euro area and 28 EU member states, produced by Eurostat, the statistical office of the EU. Eurostat data are calculated on a 2015 equals 100 basis, while Office for National Statistics (ONS) data for Great Britain are calculated on a 2016 equals 100 basis, meaning accurate comparisons cannot be made.

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

Index 2016 = 100

	Repair and Maintenance												All Repair and Mainte- nance	All Work		
	New Housing				Other New Work				Repair and Maintenance							
	Public housing		Private housing		Total new housing	Infrastr-	Excluding Infrastructure		Private industrial		Private commercial		All new work	Public housing	Private housing	Total housing
	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I		
1997	40.4	53.4	51.4	70.8	49.3	177.6	81.3	68.9	116.6	99.4	105.0	87.0	95.0	77.6		
1998	32.7	53.9	50.8	68.8	51.9	180.9	88.1	70.7	108.9	101.5	103.5	88.0	94.8	78.8		
1999	28.3	48.5	45.5	66.9	58.4	186.7	98.6	72.8	104.5	100.3	101.0	87.5	93.4	79.7		
2000	35.6	54.2	51.4	62.8	55.4	166.6	99.4	73.0	101.1	100.7	100.0	92.1	95.3	80.4		
2001	36.4	50.6	48.5	67.2	55.9	170.2	98.7	72.9	95.6	105.1	100.7	100.5	100.0	81.9		
2002	41.2	55.1	53.0	76.0	70.7	135.0	101.9	77.4	90.7	113.8	104.1	107.2	105.1	86.6		
2003	46.9	68.8	65.6	71.6	88.7	142.6	98.2	82.0	102.5	111.2	106.9	110.2	108.0	90.7		
2004	56.3	83.6	79.6	62.5	99.6	146.9	108.3	89.8	112.5	108.1	108.4	105.3	106.1	95.6		
2005	53.0	86.1	81.2	60.0	89.7	143.9	103.6	87.2	111.8	98.4	101.9	108.0	104.4	93.2		
2006	62.4	86.3	82.8	55.3	82.4	156.1	112.5	89.5	107.0	92.3	96.3	108.3	101.8	93.9		
2007	72.1	84.9	82.9	54.5	81.0	152.3	123.8	92.6	101.4	90.0	92.9	110.8	101.4	96.0		
2008	65.1	65.9	65.7	60.6	90.1	117.9	125.3	87.7	104.3	91.0	94.5	114.5	104.0	93.5		
2009	66.5	45.3	48.2	69.4	109.0	82.7	93.8	74.3	101.5	79.6	85.8	103.3	94.2	81.1		
2010	104.0	55.0	61.8	88.4	143.7	91.7	91.9	86.4	110.2	87.1	93.8	88.3	91.2	88.1		
2011	106.6	59.7	66.3	93.7	132.7	82.7	93.5	87.7	100.9	87.4	91.3	93.2	92.2	89.3		
2012	88.9	57.4	61.8	83.0	104.0	88.1	83.9	78.3	103.9	82.3	88.6	93.7	91.0	82.7		
2013	94.4	63.0	67.4	84.8	94.5	81.0	84.6	79.4	100.3	84.7	89.2	96.8	92.9	84.1		
2014	125.4	80.5	86.8	84.2	95.4	95.4	90.3	88.7	103.9	92.1	95.5	104.1	99.6	92.5		
2015	105.1	88.3	90.7	101.0	95.9	106.7	92.6	94.5	105.2	94.8	97.8	101.1	99.4	96.2		
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	100.0	100.0
2017	116.5	108.1	109.2	112.2	97.4	101.3	106.0	107.1	97.2	106.3	103.7	103.9	103.8	105.9		
2018	113.3	114.0	113.9	116.2	86.7	111.9	98.9	106.7	93.4	105.9	102.3	107.2	104.6	106.0		

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.

# 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 Maintenance	All Work
					Excluding Infrastructure				Housing													
	Public housing	Private housing	Total new housing	Infrastructure	Private Public	Industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M										
	MV36 55.2	MV37 84.9	MVL7 80.5	MV38 58.8	MV39 96.2	MV3A 140.1	MV3B 106.8	MV3C 88.3	MV3D 113.6	MV3E 103.9	MV3F 106.1	MV3G 104.7	MV3H 104.7	MV3I 94.1								
2004 Q4																						
2005 Q1	53.0	85.4	80.6	60.1	94.5	137.7	105.1	87.8	118.7	101.5	106.2	110.9	108.0	94.7								
Q2	52.0	87.6	82.4	58.6	91.6	143.1	104.3	87.8	118.0	98.4	104.0	108.7	105.8	94.0								
Q3	50.9	86.2	81.0	59.7	87.2	145.8	102.2	86.5	106.1	97.6	99.5	107.1	102.8	92.2								
Q4	55.9	85.0	80.7	61.5	85.5	149.1	103.0	86.9	104.5	96.1	98.0	105.3	101.2	92.0								
2006 Q1	58.7	84.6	80.8	59.3	84.8	156.3	107.3	88.2	104.9	96.1	98.1	105.6	101.4	92.9								
Q2	61.6	85.8	82.2	55.0	82.6	154.2	109.7	88.3	104.0	94.5	96.8	110.1	103.0	93.5								
Q3	64.2	87.1	83.6	53.5	81.4	154.7	114.3	89.9	110.7	89.8	95.8	106.4	100.7	93.8								
Q4	65.1	87.9	84.5	53.3	80.6	159.1	118.7	91.6	108.4	88.8	94.4	110.9	102.3	95.6								
2007 Q1	71.9	87.9	85.4	52.5	80.3	161.2	121.0	92.6	108.0	90.9	95.7	112.9	103.9	96.7								
Q2	73.5	86.1	84.1	53.5	80.5	160.0	123.5	93.1	100.2	91.8	93.7	110.0	101.4	96.3								
Q3	72.0	84.3	82.4	55.1	81.3	149.7	123.1	92.3	96.6	87.4	89.7	108.8	98.8	94.9								
Q4	70.9	81.5	79.8	56.9	81.7	138.4	127.6	92.6	100.8	89.9	92.6	111.4	101.6	96.0								
2008 Q1	67.9	77.4	75.9	59.2	86.3	136.3	131.2	93.2	101.2	89.6	92.6	115.4	103.5	97.0								
Q2	67.0	70.2	69.6	61.5	88.6	121.8	126.6	89.6	107.8	92.1	96.3	120.1	107.7	96.0								
Q3	65.3	62.3	62.6	63.0	92.5	113.2	126.6	87.6	105.5	88.2	93.0	115.1	103.6	93.2								
Q4	60.4	53.7	54.6	58.7	92.9	100.2	116.7	80.4	102.9	94.2	96.3	107.3	101.4	87.7								
2009 Q1	56.4	47.3	48.5	59.9	94.1	86.3	105.8	74.7	96.0	81.7	85.5	103.7	94.2	81.4								
Q2	59.1	45.4	47.3	65.3	102.3	80.4	99.4	74.0	100.0	78.6	84.6	101.2	92.5	80.4								
Q3	69.5	43.2	46.8	69.8	114.2	79.4	88.9	72.8	107.2	83.9	90.5	108.8	99.3	81.8								
Q4	80.9	45.2	50.2	82.5	125.4	84.8	81.3	75.6	102.7	74.1	82.4	99.6	90.6	80.8								
2010 Q1	94.9	49.4	55.8	91.9	139.8	87.3	89.4	83.5	110.4	80.7	89.3	84.5	87.0	84.7								
Q2	100.2	54.3	60.7	94.7	145.8	90.5	91.2	87.1	113.3	86.0	93.9	90.3	92.2	88.9								
Q3	111.9	58.3	65.8	88.2	141.0	105.1	96.0	89.3	109.7	91.7	96.9	88.3	92.8	90.5								
Q4	109.0	57.9	65.0	78.7	148.4	84.0	90.9	85.6	107.4	89.9	95.0	90.3	92.8	88.1								
2011 Q1	113.3	58.6	66.2	91.6	149.3	82.4	90.5	88.3	103.0	87.2	91.8	92.3	92.0	89.6								
Q2	108.8	60.0	66.8	98.9	134.7	85.0	93.3	89.2	101.4	86.6	90.9	91.2	91.1	89.8								
Q3	103.9	61.2	67.2	92.3	125.7	80.3	94.8	87.3	99.3	85.9	89.8	93.9	91.8	88.8								
Q4	100.2	59.1	64.8	92.1	121.1	83.0	95.3	86.1	99.9	89.7	92.7	95.3	93.9	88.9								
2012 Q1	94.8	59.6	64.5	83.3	113.2	83.9	86.7	81.0	100.6	86.7	90.7	94.9	92.7	85.1								
Q2	84.6	57.0	60.8	78.7	105.2	85.2	87.2	78.1	102.4	81.9	87.8	94.2	90.9	82.6								
Q3	88.8	55.6	60.2	84.4	100.3	87.8	80.1	76.4	106.3	81.2	88.5	92.4	90.4	81.3								
Q4	87.5	57.3	61.6	85.7	97.4	95.5	81.4	77.6	106.2	79.5	87.3	93.2	90.1	82.0								
2013 Q1	85.9	57.3	61.3	83.7	92.6	87.7	82.6	76.5	101.6	81.0	87.0	93.6	90.1	81.3								
Q2	90.0	61.6	65.6	84.2	95.3	79.2	82.4	78.0	99.1	83.9	88.3	94.9	91.4	82.7								
Q3	95.4	64.7	69.0	83.4	97.3	78.5	88.0	80.9	99.3	87.2	90.7	98.7	94.5	85.7								
Q4	106.1	68.3	73.6	87.8	92.8	78.7	85.5	82.2	101.2	86.8	91.0	100.1	95.3	86.8								
2014 Q1	114.0	74.9	80.3	84.2	91.8	90.5	88.9	85.4	103.1	92.2	95.3	99.8	97.5	89.6								
Q2	126.6	79.0	85.7	82.1	95.1	98.9	89.6	87.9	103.1	91.7	95.0	105.2	99.9	92.1								
Q3	132.9	83.4	90.3	83.0	96.2	97.6	90.2	89.9	104.9	93.6	96.9	106.2	101.3	93.9								
Q4	128.3	84.7	90.8	87.4	98.5	94.6	92.6	91.7	104.5	90.8	94.8	105.1	99.7	94.5								
2015 Q1	118.8	85.5	90.2	99.8	94.1	105.0	92.1	93.6	106.0	90.8	95.2	104.0	99.4	95.7								
Q2	111.9	88.8	92.9	102.8	95.9	103.2	91.8	95.2	104.9	95.7	98.4	99.5	98.9	96.5								
Q3	95.9	87.3	88.5	100.7	96.2	113.1	91.4	93.6	106.6	96.3	99.3	99.4	99.3	95.6								
Q4	93.7	90.7	91.2	100.9	97.4	105.7	95.2	95.5	103.4	96.4	98.4	101.4	99.9	97.1								
2016 Q1	98.9	97.2	97.4	98.0	96.1	96.2	97.2	97.3	105.2	99.1	100.9	98.4	99.7	98.1								
Q2	95.8	99.7	99.1	96.5	103.6	105.0	99.4	99.5	101.6	98.9	99.6	100.9	100.2	99.8								
Q3	100.4	101.1	101.0	102.0	100.6	98.0	101.3	101.1	95.8	100.3	99.0	99.4	99.2	100.4								
Q4	105.0	102.0	102.4	103.6	99.8	100.8	102.1	102.2	97.4	101.7	100.4	101.3	100.8	101.7								
2017 Q1	112.2	105.3	106.3	111.7	102.7	95.8	108.2	106.9	97.5	104.7	102.6	103.2	102.9	105.5								
Q2	115.7	105.7	107.1	112.7	99.8	97.0	106.9	106.8	98.1	106.1	103.8	103.2	103.5	105.6								
Q3	117.9	106.9	108.4	112.4	93.7	107.3	106.3	106.8	96.9	107.1	104.1	104.2	104.2	105.9								
Q4	120.2	114.4	115.2	111.9	93.5	105.2	102.5	107.9	96.4	107.3	104.1	104.9	104.5	106.7								
2018 Q1	106.4	112.6	111.7	115.3	86.9	106.9	101.3	106.2	93.9	104.2	101.2	103.1	102.1	104.8								
Q2	109.0	110.7	110.5	114.2	84.9	116.8	100.3	105.5	94.6	108.1	104.2	107.6	105.8	105.6								
Q3	117.1	115.4	115.6	116.1	88.3	109.9	96.2	106.6	93.8	107.2	103.3	111.0	107.0	106.7								
Q4	120.8	117.3	117.8	119.4	86.7	113.9	97.7	108.4	91.5	104.1	100.5	107.1	103.6	106.7								
2019 Q1	121.6	119.1	119.4	123.8	89.1	117.3	95.8	109.7	91.0	108.1	103.1	110.3	106.6	108.6								
Q2	134.9	116.9	119.4	122.5	83.1	111.6	97.3	109.0	91.7	104.9	101.1	109.0	104.8	107.5								
Q3	131.3	119.9	121.5	123.8	84.5	116.9	99.1	110.9	96.4	102.9	101.0	109.3	105.0	108.8								

Users of these data should note that there may be instances where the 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.

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

Index 2016 = 100

	New Housing															Other New Work			Repair and Maintenance					All Repair and Maintenance	All Work	
	New Housing					Other New Work					Repair and Maintenance															
	Public housing	Private housing	Total new housing	Infrastructure	Excluding Infrastructure	Private industrial	Private commercial	All new work	Housing	Public housing	Private housing	Total housing	Non housing R&M													
2013 Nov	MV36	MV37	MVL7	MV38	MV39	MV3A	MV3B	MV3C	MV3D	MV3E	MV3F	MV3G	MV3H	MV3I												
Dec	107.3	67.5	73.1	88.1	93.0	78.0	84.9	81.8	100.7	88.3	91.9	99.3	95.4	86.6	103.2	70.8	75.3	85.4	91.4	82.5	83.8	99.9	94.6	86.3		
2014 Jan	110.9	77.4	82.1	84.8	89.6	83.5	86.7	84.8	107.0	91.2	95.8	101.5	98.5	89.6	115.4	73.0	78.9	85.3	91.5	90.9	87.5	94.8	100.0	97.3	89.1	
Feb	115.4	73.0	78.9	85.3	91.5	90.9	87.5	84.6	100.6	92.5	94.8	101.5	98.5	89.6	115.7	74.2	80.0	82.6	94.2	97.1	92.6	95.4	98.0	96.6	90.1	
Mar	115.7	74.2	80.0	82.6	94.2	97.1	92.6	86.6	101.8	92.8	95.4	104.5	100.3	92.1	118.4	79.1	84.6	81.5	95.8	98.6	104.1	96.5	104.5	100.3	92.1	
Apr	118.4	79.1	84.6	81.5	95.8	98.6	103.3	87.6	104.1	93.4	96.5	104.5	100.3	92.1	128.3	77.9	85.0	83.7	93.2	98.2	101.3	94.1	103.6	98.7	91.4	
May	128.3	85.3	91.0	90.6	99.2	94.0	93.1	92.6	106.7	90.8	95.4	106.7	100.8	95.5	133.1	80.1	87.5	81.1	96.3	100.0	89.5	94.3	107.6	100.7	92.8	
Jun	133.1	80.1	87.5	81.1	96.3	100.0	89.5	88.5	103.9	90.4	94.3	107.6	100.7	92.8	129.3	82.2	88.8	82.4	95.3	97.4	90.3	94.0	104.0	99.5	92.8	
Jul	129.3	82.2	88.8	82.4	95.3	97.4	90.3	89.2	104.0	91.8	95.4	104.0	99.5	92.8	136.2	83.4	90.7	82.6	96.4	98.8	89.3	95.4	105.7	103.3	94.5	
Aug	136.2	83.4	90.7	82.6	96.4	98.8	90.3	89.8	105.7	96.9	99.4	107.4	103.3	94.5	133.2	84.5	91.3	84.1	96.8	96.6	90.9	95.8	104.9	101.3	94.4	
Sep	133.2	84.5	91.3	84.1	96.8	96.6	90.9	90.7	104.9	92.1	95.8	107.2	101.3	94.4	132.7	84.1	90.9	85.4	99.5	93.7	90.2	95.0	104.5	99.6	93.9	
Oct	132.7	84.1	90.9	85.4	99.5	93.7	90.2	90.8	103.2	91.7	95.0	104.5	100.8	95.5	126.4	85.3	91.0	90.6	99.2	94.0	93.1	95.4	106.7	100.8	95.5	
Nov	126.4	85.3	91.0	90.6	99.2	94.0	93.1	92.6	106.7	90.8	95.4	106.7	100.8	95.5	125.8	84.8	90.5	86.2	96.9	96.2	94.3	95.8	104.1	98.7	94.2	
Dec	125.8	84.8	90.5	86.2	96.9	96.2	94.3	91.8	103.5	89.9	93.8	104.1	100.8	95.5	118.4	85.7	90.3	97.7	92.8	105.3	94.4	95.8	105.5	99.9	95.7	
2015 Jan	118.4	85.7	90.3	97.7	92.8	105.3	92.9	93.4	105.4	90.4	94.8	105.5	99.9	95.7	121.4	84.6	88.9	97.5	97.9	107.1	93.2	92.3	101.8	96.8	95.0	
Feb	121.4	84.6	88.9	97.5	97.9	107.1	93.2	94.0	104.2	87.5	92.3	101.8	99.8	95.0	116.6	86.1	90.4	104.0	91.6	102.5	90.1	98.6	104.8	101.6	96.3	
Mar	116.6	86.1	90.4	104.0	91.6	102.5	90.1	93.5	108.4	94.6	98.6	104.8	99.8	95.0	123.0	90.2	94.8	106.1	95.4	105.0	95.9	97.7	101.0	99.3	97.1	
Apr	123.0	90.2	94.8	106.1	95.4	105.0	89.6	95.9	103.5	95.3	97.7	101.0	100.7	99.7	107.9	92.1	94.3	103.4	91.0	108.4	91.0	99.4	108.9	100.7	96.6	
May	107.9	92.1	94.3	103.4	93.1	104.5	91.0	95.3	106.4	95.1	98.4	106.7	100.8	99.4	104.8	87.1	89.6	99.0	99.2	100.0	94.6	98.0	108.5	101.5	96.3	
Jun	104.8	87.1	89.6	99.0	99.2	100.0	94.6	94.4	105.0	96.5	99.0	105.0	99.3	98.5	104.8	98.4	99.9	100.3	99.2	101.0	99.5	98.0	108.5	101.5	96.4	
Jul	99.9	87.5	89.3	103.0	96.5	118.6	92.3	94.9	105.7	95.9	98.7	101.0	99.8	96.6	101.4	86.6	87.6	101.6	96.1	111.4	91.9	93.5	106.0	95.7	98.1	95.1
Aug	93.4	86.6	87.6	101.6	96.1	111.4	91.9	93.5	106.0	95.7	98.7	101.0	97.4	95.1	134.5	87.8	98.7	97.6	100.4	99.9	98.8	100.1	99.8	105.2	95.2	
Sep	94.5	87.8	88.7	97.6	96.0	109.4	89.9	92.5	108.0	97.2	100.4	101.4	99.8	97.5	144.7	88.4	89.3	99.1	96.6	105.8	95.7	98.1	103.6	100.2	96.5	
Oct	94.7	88.4	89.3	99.1	96.6	105.8	95.7	94.6	103.6	98.1	99.7	100.2	100.2	99.5	104.0	89.0	89.3	96.2	97.2	109.2	95.5	96.9	104.2	101.1	96.3	
Nov	91.0	89.0	89.3	96.2	97.2	109.2	95.5	94.2	103.7	96.9	98.9	101.5	100.5	99.3	104.0	94.8	94.9	107.3	102.1	104.3	102.7	100.2	101.1	99.5	98.4	
Dec	95.3	94.8	94.9	107.3	98.4	102.1	94.5	97.8	102.7	94.2	96.6	102.7	102.7	99.5	104.8	87.1	89.6	99.0	99.2	103.3	94.6	98.6	102.5	101.5	98.4	
2016 Jan	101.1	94.7	95.6	96.8	97.4	99.4	99.6	97.4	103.9	98.5	100.1	100.4	99.4	99.7	101.1	97.6	99.3	100.4	102.5	100.7	102.5	100.4	101.5	98.6		
Feb	95.6	97.6	97.4	99.3	97.3	91.3	96.2	97.1	107.0	100.7	102.5	100.4	99.7	98.6	101.4	99.4	99.4	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	
Mar	99.9	99.3	99.4	98.0	93.6	97.9	95.7	97.3	104.8	98.2	100.1	100.1	99.3	97.8	101.6	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	
Apr	91.2	101.2	99.8	96.3	104.5	109.8	98.7	99.8	103.9	99.4	100.7	100.7	100.7	100.7	100.7	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	
May	95.5	99.6	99.1	98.1	102.9	108.1	99.3	99.8	102.0	97.6	100.7	100.7	100.7	100.7	100.7	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	
Jun	100.6	98.1	98.5	95.0	103.3	107.2	97.2	100.2	108.8	98.8	100.5	101.2	101.2	101.2	101.2	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	
Jul	99.4	101.0	100.7	101.4	103.0	98.2	100.8	101.0	106.8	99.8	100.0	100.6	99.6	99.6	101.4	101.5	100.8	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	
Aug	101.4	101.5	101.5	101.7	100.8	96.2	101.0	101.0	106.0	98.8	100.0	100.0	99.8	98.8	101.4	101.5	100.9	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	
Sep	100.3	100.9	100.8	102.7	98.0	99.7	102.2	101.2	105.8	102.4	100.5	100.5	99.7	98.7	101.3	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	
Oct	102.8	101.1	101.4	101.4	96.7	99.7	101.8	100.9	107.1	97.6	97.5	102.3	102.3	102.3	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	
Nov	104.0	101.0	101.4	104.9	99.5	100.8	102.2	101.5	107.5	102.5	100.5	100.5	99.8	99.8	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	
Dec	108.1	104.0	104.6	104.4	103.1	101.9	104.2	104.1	105.0	105.0	103.3	103.3	103.3	103.3	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	
2017 Jan	110.0	104.9	105.6	117.5	104.7	95.2	105.7	107.2	95.0	105.9	102.8	102.7	102.7	102.7	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	
Feb	111.1	104.2	105.2	108.5	102.9	95.6	108.8	106.2	97.4	103.6	101.8	103.9	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	
Mar	115.4	106.9	108.1	108.9	100.3	96.4	110.0	107.4	100.1	104.4	103.2	102.8	103.0	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	
Apr	113.6	104.6	105.9	113.8	103.1	95.2	107.2	106.9	98.3	106.9	104.4	104.0	104.0	104.0	103.0	103.0	103.0									

# 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 Maintenance	
	Public housing		Total new housing	Infrastructure	Excluding Infrastructure			Housing		Non housing R&M					
	Public housing	Private housing	Total new housing	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	All Repair and Maintenance	All Work		
MV3J	MV3K	MVL8	MV3L	MV3M	MV3N	MV3O	MV3P	MV3Q	MV3R	MV3S	MV3T	MV3U	MV3V		
1997	40.3	54.3	52.3	70.1	48.6	174.9	79.5	68.9	116.6	100.2	105.0	82.8	94.4	77.8	
1998	32.6	54.8	51.7	68.2	51.1	178.0	86.1	70.6	108.9	102.2	104.2	83.6	94.4	78.9	
1999	28.4	49.5	46.5	66.6	57.8	184.5	96.8	72.7	104.9	101.4	102.4	83.5	93.4	80.0	
2000	35.6	55.1	52.4	62.3	54.6	164.3	97.3	72.9	101.3	101.6	101.5	87.7	94.9	80.6	
2001	36.4	51.5	49.4	66.7	55.1	167.8	96.6	72.6	95.8	106.1	103.1	95.7	99.6	82.0	
2002	41.2	56.1	54.0	75.4	69.7	133.0	99.7	76.9	90.8	114.8	107.9	102.0	105.0	86.7	
2003	46.9	70.0	66.8	71.1	87.5	140.6	96.2	82.0	102.7	112.2	109.5	104.9	107.3	90.9	
2004	56.6	85.4	81.4	62.3	98.7	145.3	106.5	90.2	113.1	109.4	110.5	100.6	105.8	95.6	
2005	53.3	88.1	83.2	59.8	88.9	142.8	102.0	87.8	112.6	99.9	103.6	103.4	103.5	93.3	
2006	63.1	88.7	85.1	55.4	82.0	155.4	111.2	90.2	108.2	94.1	98.2	104.1	101.0	94.0	
2007	73.0	87.6	85.5	54.8	80.9	152.3	122.9	93.4	102.9	92.0	95.2	106.9	100.8	96.0	
2008	66.1	68.1	67.8	61.0	90.2	118.0	124.5	88.1	106.1	93.2	97.0	110.6	103.5	93.5	
2009	67.4	46.7	49.6	69.9	109.1	82.8	93.2	74.6	103.1	81.4	87.7	99.8	93.5	81.2	
2010	104.0	55.0	61.8	88.4	143.7	91.7	91.9	86.4	110.2	87.1	93.8	88.3	91.2	88.1	
2011	106.6	59.7	66.3	93.7	132.7	82.7	93.5	87.7	100.9	87.4	91.3	93.2	92.2	89.3	
2012	88.9	57.4	61.8	83.0	104.0	88.1	83.9	78.3	103.9	82.3	88.6	93.7	91.0	82.7	
2013	94.4	63.0	67.4	84.8	94.5	81.0	84.6	79.4	100.3	84.7	89.2	96.8	92.9	84.1	
2014	125.4	80.5	86.8	84.2	95.4	95.4	90.3	88.7	103.9	92.1	95.5	104.1	99.6	92.5	
2015	105.1	88.3	90.7	101.0	95.9	106.7	92.6	94.5	105.2	94.8	97.8	101.1	99.4	96.2	
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	100.0
2017	116.5	108.1	109.2	112.2	97.4	101.3	106.0	107.1	97.2	106.3	103.7	103.9	103.8	105.9	
2018	113.3	114.0	113.9	116.2	86.7	111.9	98.9	106.7	93.4	105.9	102.3	107.2	104.6	106.0	

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.

# 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 Maintenance	All Work
	New Housing				Excluding Infrastructure				Repair and Maintenance				Housing									
	Public housing	Private housing	Total new housing	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M											
2004 Q4	MV3J 51.9	MV3K 87.0	MVL8 82.1	MV3L 57.8	MV3M 96.4	MV3N 142.1	MV3O 106.2	MV3P 89.1	MV3Q 110.5	MV3R 106.4	MV3S 107.6	MV3T 101.2	MV3U 104.6	MV3V 94.5								
2005 Q1	55.4	86.7	82.3	59.1	93.2	136.6	102.5	87.7	125.5	101.1	108.1	105.4	106.8	94.4								
Q2	54.3	89.6	84.7	58.9	90.3	140.5	102.2	88.3	117.2	99.5	104.6	101.3	103.0	93.4								
Q3	50.4	89.1	83.7	61.0	86.8	143.4	101.3	87.8	105.7	99.7	101.4	104.8	103.0	93.1								
Q4	53.0	86.9	82.1	60.3	85.3	150.6	102.1	87.5	102.1	99.3	100.1	102.0	101.0	92.2								
2006 Q1	61.5	86.1	82.6	58.5	84.1	156.5	105.4	88.4	110.9	95.5	100.0	100.6	100.3	92.6								
Q2	64.2	88.2	84.9	55.7	81.5	151.8	107.4	88.8	103.1	96.0	98.1	103.0	100.4	92.9								
Q3	64.2	90.5	86.8	54.9	81.6	152.4	114.2	91.4	111.5	91.8	97.5	104.7	100.9	94.7								
Q4	62.3	90.1	86.2	52.4	80.9	161.0	117.8	92.1	107.4	92.9	97.1	108.1	102.4	95.7								
2007 Q1	75.0	89.9	87.8	52.1	80.0	162.3	119.4	93.0	113.2	90.3	97.0	108.1	102.3	96.2								
Q2	76.1	89.2	87.4	54.7	79.7	158.1	121.7	93.8	99.7	94.0	95.6	103.4	99.3	95.7								
Q3	72.7	87.8	85.7	56.7	81.9	148.0	123.9	94.0	98.5	89.2	91.9	107.4	99.3	95.9								
Q4	68.3	83.5	81.3	55.9	82.2	140.8	126.5	92.7	100.3	94.6	96.3	108.8	102.3	96.1								
2008 Q1	70.3	79.4	78.1	58.8	86.0	137.4	129.6	93.3	104.8	88.7	93.4	110.8	101.7	96.3								
Q2	69.0	72.9	72.3	63.0	87.6	119.4	124.7	89.9	107.9	94.5	98.4	113.0	105.4	95.3								
Q3	66.5	65.2	65.4	64.8	93.1	112.3	128.4	89.2	109.4	90.3	95.8	113.9	104.5	94.5								
Q4	58.5	54.8	55.3	57.6	94.0	102.8	115.4	80.1	102.3	99.4	100.2	104.8	102.4	87.9								
2009 Q1	58.5	48.3	49.7	59.6	93.6	86.3	103.5	74.1	98.5	80.3	85.6	99.5	92.2	80.5								
Q2	61.3	47.3	49.3	67.3	101.5	78.2	98.1	74.3	100.9	80.7	86.5	95.3	90.7	80.1								
Q3	70.9	45.2	48.8	71.6	114.1	78.6	90.8	74.2	111.8	85.8	93.3	107.3	100.0	83.3								
Q4	78.8	46.2	50.8	81.0	127.0	88.1	80.5	75.6	101.3	78.9	85.4	97.2	91.0	81.0								
2010 Q1	89.7	45.0	51.2	87.2	129.1	84.8	83.0	77.7	114.0	73.1	85.0	83.1	84.1	79.9								
Q2	104.2	56.4	63.1	95.6	143.6	91.9	90.0	87.6	108.9	85.3	92.1	87.7	90.0	88.4								
Q3	112.1	59.2	66.6	89.9	152.9	106.2	100.8	92.7	110.1	94.0	98.7	93.8	96.4	94.0								
Q4	110.0	59.3	66.4	80.8	149.3	84.1	93.8	87.4	107.9	95.9	99.4	88.8	94.3	89.8								
2011 Q1	107.8	54.3	61.7	87.2	137.7	80.8	84.7	82.8	108.8	81.3	89.2	91.3	90.2	85.4								
Q2	112.1	62.4	69.3	99.5	133.9	86.9	92.1	89.8	97.4	85.7	89.1	88.9	89.0	89.5								
Q3	104.7	62.0	67.9	94.4	137.8	80.8	99.3	90.7	98.5	88.2	91.2	99.5	95.2	92.3								
Q4	101.7	60.3	66.0	93.7	121.4	82.2	97.7	87.6	98.9	94.3	95.6	93.1	94.4	90.0								
2012 Q1	89.0	55.5	60.2	79.4	105.7	81.2	82.3	76.5	106.4	80.7	88.1	93.8	90.8	81.5								
Q2	88.8	59.2	63.3	78.9	103.8	87.0	86.1	78.6	98.4	81.0	86.1	91.7	88.8	82.2								
Q3	89.3	56.1	60.8	85.9	108.4	89.6	83.2	78.8	105.4	83.0	89.5	97.1	93.1	83.8								
Q4	88.7	58.7	62.9	87.9	98.2	94.6	83.9	79.2	105.4	84.6	90.6	92.1	91.3	83.4								
2013 Q1	79.3	52.1	55.9	79.9	85.4	83.8	77.4	71.4	106.4	73.7	83.2	91.0	87.0	76.8								
Q2	95.0	64.4	68.7	84.0	93.7	80.8	81.4	78.7	95.4	84.2	87.4	93.0	90.1	82.7								
Q3	95.9	65.4	69.7	85.4	105.0	80.6	91.7	83.6	98.7	89.5	92.2	104.1	97.9	88.6								
Q4	107.2	70.0	75.2	89.8	93.9	78.8	88.0	84.0	100.7	91.5	94.1	99.2	96.5	88.4								
2014 Q1	109.0	68.7	74.3	80.4	84.0	85.9	83.7	79.9	107.4	86.1	92.3	97.9	95.0	85.2								
Q2	130.1	81.8	88.5	81.8	93.1	100.8	88.8	88.4	99.9	90.9	93.5	102.1	97.6	91.7								
Q3	133.4	84.9	91.7	85.2	104.8	102.1	94.1	93.2	105.3	96.0	98.7	111.8	105.0	97.3								
Q4	129.3	86.5	92.5	89.3	99.7	93.0	94.7	93.4	103.0	95.2	97.5	104.6	100.9	96.0								
2015 Q1	112.6	78.7	83.5	96.0	86.4	99.9	86.9	87.9	111.5	84.7	92.5	102.1	97.1	91.1								
Q2	116.8	93.1	96.4	102.1	94.0	105.0	91.2	96.1	101.9	95.0	97.0	96.5	96.8	96.3								
Q3	96.4	88.2	89.4	103.4	105.3	117.0	95.3	96.8	106.1	98.8	100.9	104.6	102.7	98.9								
Q4	94.5	93.3	93.5	102.7	97.9	105.1	97.0	97.3	101.4	100.7	100.9	101.2	101.0	98.6								
2016 Q1	92.2	90.0	90.3	94.6	89.1	91.5	92.9	91.8	111.5	92.0	97.6	95.5	96.6	93.5								
Q2	101.3	103.7	103.4	95.5	100.8	106.7	98.7	100.4	98.6	99.6	99.3	98.9	99.1	99.9								
Q3	100.9	102.1	101.9	104.9	110.6	102.0	105.4	104.5	95.3	103.1	100.8	104.8	102.7	103.9								
Q4	105.7	104.2	104.4	105.0	99.6	99.8	103.0	103.3	94.7	105.4	102.3	100.8	101.6	102.7								
2017 Q1	107.1	98.1	99.3	108.4	95.5	89.6	103.0	101.2	102.5	99.3	100.2	101.8	101.0	101.1								
Q2	119.7	109.2	110.6	111.6	97.8	99.1	107.1	107.8	95.9	106.0	103.1	100.2	101.7	105.6								
Q3	118.2	108.4	109.7	115.2	102.5	112.1	109.9	110.1	96.4	109.1	105.4	109.0	107.1	109.1								
Q4	120.9	116.7	117.3	113.5	93.9	104.5	103.7	109.3	94.0	110.7	105.9	104.4	105.2	107.9								
2018 Q1	99.6	103.8	103.2	111.7	80.0	99.4	96.8	100.1	98.8	97.3	97.7	100.2	98.9	99.7								
Q2	114.8	115.2	115.1	113.3	82.9	119.2	100.3	106.9	92.4	109.2	104.3	105.1	104.7	106.2								
Q3	116.7	116.8	116.8	118.4	96.8	116.2	99.3	109.6	93.3	109.5	104.8	116.0	110.2	109.8								
Q4	122.2	120.2	120.5	121.6	87.1	112.6	99.1	110.2	89.3	107.7	102.3	107.3	104.7	108.3								
2019 Q1	116.7	110.3	111.2	119.8	82.1	108.7	90.6	103.3	94.6	101.6	99.6	107.5	103.4	103.3								
Q2	139.4	120.1	122.8	121.6	80.7	114.5	97.1	109.8	89.1	105.0	100.4	105.4	102.8	107.4								
Q3	131.2	122.2	123.4	127.3	92.5	124.8	102.3	114.4	95.7	106.1	103.1	115.2	108.9	112.5								

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

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

Index 2016 = 100

	New Housing												Other New Work				Repair and Maintenance					All Repair and Maintenance	All Work
	New Housing				Other New Work				Repair and Maintenance														
	Public housing	Private housing	Total new housing	Infrastructure	Private Public	Industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M											
2013 Nov	MV3J 110.4	MV3K 69.3	MVL8 75.0	MVL8 90.9	MV3M 96.3	MV3N 78.0	MV3O 89.3	MV3P 84.7	MV3Q 104.7	MV3R 95.9	MV3S 98.4	MV3T 100.4	MV3U 99.4	MV3V 89.9									
Dec	100.7	66.2	71.1	81.0	84.8	78.1	76.8	76.5	89.5	81.1	83.5	89.4	86.4	80.0									
2014 Jan	94.3	66.3	70.2	74.6	76.1	69.6	77.5	73.8	100.0	79.6	85.5	90.9	88.1	78.8									
Feb	107.4	64.9	70.8	78.9	79.9	89.8	81.2	77.3	102.0	84.9	89.8	95.6	92.6	82.7									
Mar	125.2	74.9	82.0	87.8	95.8	98.1	92.4	88.5	120.4	93.9	101.6	107.3	104.3	94.0									
Apr	112.4	77.9	82.7	80.5	93.4	96.7	87.9	85.7	98.8	90.0	92.6	100.9	96.6	89.5									
May	129.8	79.8	86.8	83.4	90.6	101.7	88.3	87.7	97.5	90.0	92.2	99.6	95.7	90.5									
Jun	148.1	87.6	96.0	81.5	95.4	104.1	90.2	91.9	103.2	92.7	95.7	105.8	100.6	94.9									
Jul	129.1	87.2	93.0	85.9	102.8	104.0	95.5	94.1	105.2	98.4	100.4	109.7	104.8	97.8									
Aug	134.5	80.9	88.4	82.6	108.2	98.9	91.0	90.8	103.0	93.7	96.4	111.6	103.6	95.3									
Sep	136.7	86.7	93.7	87.1	103.3	103.3	96.0	94.7	107.8	96.0	99.4	114.1	106.4	98.8									
Oct	134.9	92.4	98.3	92.9	107.6	94.4	100.3	98.8	107.9	102.1	103.8	111.8	107.6	101.9									
Nov	129.1	87.1	93.0	91.8	100.5	95.3	95.5	94.5	108.7	96.6	100.1	106.4	103.1	97.5									
Dec	123.9	80.0	86.2	83.1	91.1	89.2	88.3	86.9	92.3	87.1	88.6	95.5	91.9	88.7									
2015 Jan	101.6	73.7	77.6	85.2	76.4	88.8	82.1	80.7	98.0	77.2	83.2	92.9	87.9	83.2									
Feb	113.0	75.5	80.7	90.6	86.0	104.4	87.2	86.1	105.4	79.8	87.2	97.1	91.9	88.2									
Mar	123.3	87.0	92.1	112.3	96.9	106.4	91.3	96.8	130.9	97.3	107.0	116.1	111.4	101.9									
Apr	120.7	91.5	95.6	104.8	90.8	101.8	87.8	94.7	98.3	92.2	94.0	97.5	95.7	95.1									
May	109.4	90.4	93.1	100.8	92.1	104.3	89.0	93.7	100.3	91.9	94.3	93.7	94.0	93.8									
Jun	120.2	97.4	100.6	99.1	108.9	96.9	99.7	107.1	100.7	102.6	98.3	100.5	100.5	100.0									
Jul	99.8	91.3	92.5	107.5	106.0	120.6	97.5	99.6	105.8	102.9	103.8	106.2	104.9	101.5									
Aug	91.2	84.0	85.0	101.4	105.5	113.5	93.7	94.3	101.4	92.5	95.0	101.0	97.9	95.5									
Sep	98.3	89.4	90.7	101.3	104.4	116.9	94.8	96.6	111.1	101.1	104.0	106.5	105.2	99.6									
Oct	96.4	97.1	97.0	106.1	100.7	108.8	103.6	101.6	106.8	106.5	106.6	105.6	106.2	103.2									
Nov	93.1	91.2	91.5	98.9	100.5	109.9	99.0	97.0	104.6	104.6	104.6	103.4	104.0	99.4									
Dec	94.0	91.8	92.1	103.1	92.4	96.6	88.5	93.3	92.8	90.8	91.4	94.6	92.9	93.2									
2016 Jan	83.9	78.4	79.2	83.4	81.3	82.3	86.5	82.5	94.7	83.8	86.9	86.3	86.6	83.9									
Feb	86.8	90.0	89.6	93.0	87.9	90.2	93.8	91.3	110.9	93.3	98.4	96.3	97.4	93.4									
Mar	105.9	101.5	102.1	107.5	98.1	101.9	98.4	101.5	128.9	98.9	107.6	103.8	105.8	103.0									
Apr	90.2	101.6	100.0	93.3	98.4	104.4	95.1	97.3	98.0	98.4	98.3	98.5	98.4	97.7									
May	97.1	99.6	99.3	97.1	102.3	111.9	98.9	99.7	96.9	96.3	96.5	96.9	96.7	98.6									
Jun	116.4	110.0	110.9	96.0	101.6	103.9	102.2	104.2	100.8	104.0	103.0	101.4	102.3	103.5									
Jul	99.4	101.7	101.4	102.6	110.2	100.0	102.1	102.8	94.6	103.7	101.0	101.0	101.0	102.2									
Aug	98.8	100.6	100.4	105.1	116.1	100.2	106.6	104.9	93.0	99.3	97.5	107.7	102.4	104.0									
Sep	104.4	104.0	104.1	106.9	105.4	105.9	107.5	105.8	98.3	106.3	104.0	105.8	104.8	105.5									
Oct	104.1	107.3	106.9	106.9	98.9	102.9	107.4	105.9	96.8	104.4	102.2	106.3	104.1	105.3									
Nov	105.6	105.9	105.9	109.5	105.0	103.7	105.5	106.2	98.5	112.4	108.4	103.8	106.2	106.2									
Dec	107.3	99.4	100.5	98.7	94.9	92.7	95.9	97.8	88.7	99.4	96.3	92.3	94.4	96.6									
2017 Jan	92.9	89.1	89.6	102.9	88.7	83.3	94.0	93.0	87.1	93.5	91.6	91.2	91.4	92.4									
Feb	102.0	93.5	94.7	102.0	91.1	90.1	102.1	97.6	98.3	95.8	96.5	99.4	97.9	97.7									
Mar	126.4	111.6	113.7	120.2	106.8	95.5	113.0	113.1	122.1	108.6	112.5	115.0	113.7	113.3									
Apr	107.0	101.2	102.0	108.6	95.8	92.0	102.8	102.3	91.6	100.2	97.7	96.7	97.2	100.5									
May	124.1	106.1	108.6	113.4	100.5	94.1	109.9	108.3	93.9	108.0	103.9	100.9	102.5	106.2									
Jun	128.2	120.2	121.3	112.9	97.0	111.2	108.8	112.8	102.2	109.9	107.6	102.9	105.4	110.2									
Jul	117.1	106.9	108.3	113.8	95.9	108.6	107.0	107.5	95.8	110.7	106.4	105.7	106.1	107.0									
Aug	114.2	109.7	110.3	117.1	112.1	111.5	114.1	112.9	96.1	109.1	105.4	110.7	107.9	111.2									
Sep	123.3	108.5	110.6	114.8	99.6	116.2	108.6	109.8	97.4	107.5	104.6	110.7	107.5	109.0									
Oct	113.0	118.5	117.7	113.8	95.7	117.9	109.4	112.0	98.4	116.0	110.9	109.2	110.1	111.4									
Nov	124.3	119.8	120.4	116.2	95.0	104.4	108.0	112.4	97.9	119.2	113.0	109.8	111.5	112.0									
Dec	125.5	111.7	113.6	110.3	91.0	91.0	93.8	103.5	85.7	97.0	93.7	94.2	93.9	100.2									
2018 Jan	86.6	95.5	94.2	109.7	76.0	91.8	94.8	95.1	90.3	93.2	92.4	94.3	93.3	94.5									
Feb	97.6	104.5	103.5	108.1	76.2	96.2	95.3	98.5	94.9	95.9	95.6	96.7	96.2	97.7									
Mar	114.6	111.5	111.9	117.2	87.7	110.3	100.2	106.6	110.9	102.7	105.1	109.6	107.3	106.8									
Apr	105.7	110.5	109.9	110.1	78.2	115.6	99.1	103.4	88.8	102.8	98.8	101.9	100.3	102.3									
May	109.6	113.3	112.8	113.9	86.7	118.6	102.8	107.4	91.1	112.7	106.4	106.4	106.4	107.0									
Jun	129.1	121.7	122.7	115.9	83.8	123.4	99.1	110.1	97.4	112.1	107.8	107.0	107.5	109.2									
Jul	115.1	120.0	119.4	117.8	97.4	123.3	99.6	110.9	95.1	115.5	109.6	111.3	110.4	110.7									
Aug	110.3	115.2	114.5	118.5	101.5	112.9	101.6	109.9	93.6	107.9	103.8	119.5	111.3	110.4									
Sep	124.8	115.2	116.6	118.8	91.7	112.4	96.5	108.0	91.1	105.1	101.1	117.4	108.9	108.3									
Oct	117.0	128.2	126.6	130.8	98.0	119.9	105.0	117.4	95.2	114.3	108.8	118.3	113.3	116.0									
Nov	120.4	126.3	125.5	124.5	86.9	113.0	103.8	113.9	92.8	115.1	108.7	111.8											

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

£ million

	Repair and Maintenance												All Work			
	New Housing				Other New Work				Housing							
	Public housing		Private housing		Total new housing	Infrastruc-ture	Excluding Infrastructure		Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	All Repair and Maintenance
	Public housing	Private housing	Total new housing	Infrastruc-ture			Public	Private								
MV3W	MV3X	MVL9	MV3Y	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A				
1997	1 992	16 238	18 179	12 938	5 549	8 052	23 558	67 811	9 355	19 571	29 098	22 074	50 438	117 546		
1998	1 613	16 400	17 955	12 581	5 847	8 203	25 531	69 595	8 739	19 981	28 666	22 317	50 312	119 291		
1999	1 399	14 753	16 098	12 230	6 582	8 463	28 586	71 679	8 382	19 733	27 989	22 193	49 563	120 792		
2000	1 755	16 482	18 181	11 475	6 235	7 554	28 804	71 809	8 112	19 823	27 718	23 359	50 583	121 852		
2001	1 796	15 385	17 132	12 289	6 293	7 717	28 597	71 744	7 672	20 694	27 904	25 498	53 078	124 017		
2002	2 033	16 767	18 746	13 895	7 963	6 122	29 541	76 155	7 279	22 408	28 842	27 181	55 759	131 129		
2003	2 314	20 931	23 174	13 099	9 992	6 465	28 467	80 737	8 229	21 893	29 621	27 939	57 296	137 435		
2004	2 779	25 432	28 125	11 431	11 220	6 659	31 395	88 383	9 029	21 268	30 049	26 706	56 330	144 737		
2005	2 614	26 176	28 696	10 964	10 096	6 526	30 032	85 828	8 973	19 372	28 236	27 389	55 426	141 213		
2006	3 081	26 255	29 251	10 107	9 273	7 076	32 596	88 061	8 586	18 168	26 673	27 454	54 043	142 305		
2007	3 558	25 828	29 312	9 968	9 117	6 906	35 877	91 163	8 135	17 714	25 749	28 095	53 823	145 377		
2008	3 215	20 042	23 208	11 080	10 142	5 345	36 300	86 303	8 373	17 912	26 196	29 029	55 213	141 575		
2009	3 280	13 772	17 039	12 692	12 274	3 751	27 194	73 082	8 144	15 659	23 765	26 208	49 964	122 893		
2010	5 132	16 719	21 851	16 162	16 185	4 159	26 623	84 981	8 846	17 142	25 987	22 404	48 391	133 372		
2011	5 259	18 161	23 420	17 139	14 943	3 748	27 081	86 331	8 097	17 196	25 293	23 633	48 926	135 257		
2012	4 389	17 447	21 836	15 183	11 714	3 994	24 304	77 032	8 337	16 205	24 542	23 755	48 297	125 329		
2013	4 657	19 155	23 812	15 501	10 642	3 672	24 524	78 152	8 049	16 677	24 726	24 556	49 281	127 433		
2014	6 191	24 476	30 668	15 394	10 742	4 326	26 174	87 304	8 338	18 123	26 461	26 400	52 861	140 164		
2015	5 186	26 866	32 052	18 477	10 800	4 839	26 837	93 004	8 444	18 659	27 103	25 637	52 740	145 744		
2016	4 935	30 410	35 345	18 287	11 261	4 534	28 977	98 403	8 025	19 683	27 708	25 360	53 068	151 472		
2017	5 748	32 863	38 612	20 511	10 971	4 594	30 703	105 391	7 801	20 922	28 722	26 337	55 059	160 451		
2018	5 593	34 668	40 261	21 255	9 763	5 072	28 648	105 000	7 499	20 848	28 347	27 180	55 527	160 527		

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

£ million

	Repair and Maintenance													
	New Housing				Other New Work				Repair and Maintenance					
	Public housing		Private housing		Total new housing	Infrastructure	Excluding Infrastructure		Housing		Non housing R&M		All Repair and Maintenance	All Work
	Public	housing	Private	housing			Private	industrial	Private	commercial	All	new work	Public	Private
	MV3W	MV3X	MVL9	MV3Y	MV3Z	MV42	MV43	MV44	MV45	MV46	MV47	MV48	MV49	MV4A
2004 Q4	682	6 454	7 113	2 690	2 708	1 588	7 736	21 732	2 280	5 112	7 353	6 636	13 893	35 624
2005 Q1	654	6 495	7 126	2 747	2 659	1 561	7 611	21 588	2 381	4 994	7 358	7 033	14 330	35 871
Q2	642	6 663	7 280	2 679	2 577	1 622	7 556	21 595	2 367	4 843	7 202	6 892	14 034	35 610
Q3	628	6 556	7 160	2 729	2 454	1 653	7 401	21 270	2 128	4 804	6 889	6 789	13 639	34 908
Q4	690	6 462	7 130	2 809	2 406	1 690	7 465	21 375	2 097	4 731	6 787	6 676	13 423	34 823
2006 Q1	725	6 432	7 135	2 712	2 387	1 772	7 775	21 688	2 104	4 727	6 795	6 693	13 448	35 174
Q2	760	6 520	7 260	2 516	2 326	1 747	7 943	21 724	2 086	4 650	6 703	6 983	13 671	35 415
Q3	792	6 621	7 391	2 444	2 291	1 753	8 277	22 108	2 221	4 421	6 636	6 746	13 356	35 532
Q4	804	6 682	7 464	2 436	2 270	1 803	8 600	22 541	2 176	4 371	6 539	7 033	13 568	36 185
2007 Q1	888	6 681	7 549	2 402	2 261	1 827	8 763	22 783	2 167	4 475	6 629	7 159	13 782	36 636
Q2	907	6 546	7 434	2 446	2 266	1 814	8 950	22 906	2 009	4 515	6 493	6 971	13 456	36 467
Q3	889	6 407	7 278	2 517	2 290	1 697	8 919	22 695	1 937	4 302	6 211	6 901	13 109	35 926
Q4	875	6 193	7 051	2 603	2 300	1 569	9 244	22 779	2 022	4 422	6 417	7 064	13 476	36 349
2008 Q1	838	5 885	6 707	2 706	2 429	1 545	9 504	22 928	2 029	4 407	6 412	7 316	13 727	36 736
Q2	827	5 337	6 151	2 811	2 493	1 381	9 168	22 047	2 163	4 531	6 674	7 614	14 287	36 335
Q3	806	4 735	5 530	2 881	2 603	1 283	9 174	21 542	2 117	4 340	6 441	7 299	13 742	35 302
Q4	745	4 084	4 821	2 682	2 617	1 136	8 453	19 785	2 064	4 633	6 669	6 801	13 457	33 202
2009 Q1	696	3 596	4 286	2 739	2 649	978	7 663	18 373	1 925	4 019	5 926	6 578	12 498	30 837
Q2	729	3 455	4 179	2 987	2 880	912	7 198	18 198	2 007	3 866	5 864	6 416	12 277	30 450
Q3	857	3 281	4 136	3 192	3 215	899	6 440	17 917	2 151	4 128	6 269	6 901	13 169	30 992
Q4	998	3 440	4 438	3 774	3 529	962	5 892	18 595	2 060	3 646	5 706	6 313	12 019	30 614
2010 Q1	1 170	3 757	4 928	4 203	3 936	989	6 480	20 536	2 216	3 970	6 186	5 358	11 544	32 080
Q2	1 236	4 125	5 361	4 329	4 104	1 026	6 605	21 425	2 273	4 234	6 507	5 723	12 230	33 655
Q3	1 381	4 434	5 815	4 034	3 968	1 192	6 956	21 966	2 202	4 511	6 713	5 596	12 309	34 274
Q4	1 345	4 402	5 747	3 597	4 177	952	6 582	21 055	2 156	4 426	6 582	5 727	12 309	33 363
2011 Q1	1 398	4 454	5 851	4 188	4 204	934	6 555	21 733	2 066	4 290	6 357	5 854	12 211	33 944
Q2	1 342	4 561	5 903	4 522	3 792	964	6 757	21 938	2 035	4 262	6 296	5 784	12 080	34 018
Q3	1 282	4 655	5 937	4 218	3 538	910	6 866	21 469	1 991	4 229	6 221	5 952	12 173	33 641
Q4	1 237	4 491	5 728	4 212	3 408	940	6 902	21 191	2 005	4 415	6 420	6 043	12 463	33 653
2012 Q1	1 170	4 528	5 698	3 808	3 187	950	6 281	19 924	2 019	4 264	6 283	6 014	12 297	32 222
Q2	1 043	4 332	5 376	3 598	2 963	965	6 319	19 220	2 055	4 029	6 084	5 975	12 059	31 279
Q3	1 096	4 226	5 323	3 860	2 822	995	5 804	18 805	2 132	3 998	6 130	5 859	11 989	30 794
Q4	1 080	4 360	5 440	3 918	2 742	1 083	5 900	19 083	2 131	3 914	6 045	5 907	11 952	31 034
2013 Q1	1 060	4 358	5 418	3 828	2 607	994	5 984	18 831	2 039	3 985	6 025	5 933	11 958	30 788
Q2	1 110	4 687	5 797	3 848	2 684	898	5 971	19 197	1 988	4 128	6 116	6 016	12 132	31 329
Q3	1 177	4 920	6 097	3 813	2 739	889	6 372	19 910	1 992	4 291	6 283	6 260	12 543	32 453
Q4	1 310	5 190	6 500	4 013	2 612	892	6 197	20 213	2 030	4 272	6 302	6 346	12 648	32 862
2014 Q1	1 406	5 690	7 097	3 851	2 584	1 026	6 441	20 998	2 069	4 536	6 605	6 330	12 934	33 933
Q2	1 562	6 009	7 571	3 752	2 677	1 121	6 494	21 616	2 069	4 512	6 581	6 672	13 252	34 868
Q3	1 640	6 337	7 977	3 796	2 707	1 106	6 533	22 119	2 104	4 607	6 710	6 734	13 445	35 564
Q4	1 583	6 440	8 023	3 995	2 774	1 073	6 705	22 570	2 096	4 468	6 565	6 664	13 229	35 799
2015 Q1	1 466	6 500	7 966	4 560	2 650	1 190	6 669	23 035	2 127	4 469	6 596	6 596	13 192	36 227
Q2	1 380	6 828	8 208	4 701	2 700	1 169	6 647	23 426	2 105	4 708	6 813	6 307	13 120	36 546
Q3	1 183	6 639	7 822	4 604	2 708	1 282	6 621	23 038	2 138	4 738	6 877	6 303	13 180	36 217
Q4	1 156	6 899	8 055	4 611	2 742	1 198	6 899	23 506	2 074	4 743	6 817	6 431	13 248	36 754
2016 Q1	1 220	7 389	8 609	4 480	2 705	1 090	7 040	23 925	2 111	4 878	6 989	6 238	13 227	37 152
Q2	1 182	7 577	8 759	4 410	2 915	1 190	7 199	24 474	2 038	4 865	6 902	6 397	13 300	37 773
Q3	1 238	7 686	8 924	4 662	2 832	1 111	7 342	24 871	1 923	4 937	6 860	6 305	13 165	38 035
Q4	1 295	7 757	9 052	4 735	2 808	1 142	7 396	25 134	1 953	5 004	6 957	6 420	13 377	38 511
2017 Q1	1 384	8 008	9 392	5 105	2 890	1 085	7 836	26 309	1 956	5 150	7 106	6 540	13 646	39 955
Q2	1 427	8 033	9 460	5 150	2 811	1 099	7 743	26 264	1 968	5 222	7 190	6 543	13 733	39 997
Q3	1 454	8 128	9 583	5 141	2 637	1 217	7 701	26 278	1 943	5 270	7 213	6 605	13 818	40 097
Q4	1 483	8 693	10 177	5 115	2 633	1 193	7 423	26 540	1 934	5 279	7 213	6 649	13 862	40 403
2018 Q1	1 313	8 561	9 874	5 270	2 445	1 212	7 337	26 138	1 883	5 129	7 012	6 537	13 548	39 687
Q2	1 345	8 415	9 760	5 221	2 390	1 324	7 264	25 958	1 899	5 320	7 219	6 819	14 038	39 996
Q3	1 444	8 772	10 216	5 308	2 486	1 245	6 972	26 228	1 882	5 275	7 157	7 037	14 194	40 421
Q4	1 491	8 921	10 411	5 457	2 442	1 291	7 074	26 676	1 835	5 125	6 960	6 788	13 747	40 423
2019 Q1	1 500	9 052	10 553	5 658	2 509	1 330	6 937	26 987	1 826	5 318	7 144	6 995	14 138	41 126
Q2	1 664	8 888	10 552	5 601	2 340	1 265	7 047	26 806	1 839	5 163	7 002	6 908	13 910	40 716
Q3	1 620	9 116	10 736	5 660	2 379	1 325	7 183	27 283	1 934	5 065	6 999	6 926	13 926	41 209

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

£ million

	New Housing													Other New Work				Repair and Maintenance					All Repair and Maintenance	All Work				
					Excluding Infrastructure				Housing																			
	Public housing	Private housing	Total new housing	Infrastructure	Private Public	industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M																
	MV3W 441	MV3X 425	MVL9 2 152	MV3Y 1 342	MV3Z 873	MV42 295	MV43 2 049	MV44 6 710	MV45 673	MV46 1 448	MV47 2 122	MV48 2 099	MV49 4 221	MV4A 4 182	MV49 10 931	MV4A 10 895												
2013 Nov	MV3W 441	MV3X 425	MVL9 2 218	MV3Y 1 302	MV3Z 858	MV42 312	MV43 2 024	MV44 6 713	MV45 676	MV46 1 395	MV47 2 071	MV48 2 111	MV49 4 221	MV4A 4 182	MV49 10 931	MV4A 10 895												
Dec																												
2014 Jan	456	1 961	2 417	1 292	840	316	2 093	6 958	716	1 497	2 212	2 146	4 358	11 315														
Feb	475	1 849	2 324	1 300	859	343	2 113	6 940	673	1 517	2 190	2 114	4 304	11 243														
Mar	476	1 880	2 356	1 259	884	367	2 235	7 101	681	1 522	2 203	2 070	4 273	11 374														
Apr	487	2 004	2 491	1 242	899	372	2 181	7 185	696	1 532	2 228	2 208	4 436	11 621														
May	527	1 975	2 503	1 275	875	371	2 152	7 175	678	1 496	2 174	2 189	4 363	11 538														
Jun	548	2 030	2 577	1 236	903	378	2 161	7 255	695	1 483	2 179	2 275	4 453	11 709														
Jul	532	2 083	2 615	1 255	894	368	2 181	7 313	696	1 506	2 202	2 198	4 400	11 713														
Aug	560	2 113	2 673	1 258	905	373	2 157	7 366	707	1 590	2 296	2 270	4 566	11 932														
Sep	548	2 141	2 689	1 282	908	365	2 196	7 440	702	1 511	2 213	2 266	4 478	11 919														
Oct	546	2 131	2 677	1 301	933	354	2 179	7 444	690	1 504	2 195	2 209	4 404	11 848														
Nov	520	2 161	2 681	1 381	931	355	2 248	7 596	714	1 490	2 204	2 255	4 459	12 055														
Dec	517	2 148	2 666	1 313	910	363	2 278	7 530	692	1 474	2 166	2 200	4 366	11 896														
2015 Jan	487	2 172	2 659	1 489	871	398	2 244	7 660	705	1 483	2 188	2 229	4 418	12 078														
Feb	499	2 145	2 644	1 486	919	405	2 251	7 705	697	1 435	2 132	2 151	4 283	11 988														
Mar	480	2 183	2 663	1 585	860	387	2 175	7 670	725	1 551	2 276	2 215	4 491	12 161														
Apr	506	2 287	2 793	1 618	896	397	2 165	7 867	692	1 564	2 256	2 134	4 390	12 257														
May	444	2 333	2 776	1 575	874	395	2 198	7 818	711	1 561	2 272	2 102	4 374	12 192														
Jun	431	2 208	2 639	1 509	930	378	2 284	7 740	702	1 583	2 286	2 071	4 357	12 097														
Jul	411	2 218	2 629	1 569	905	448	2 229	7 781	707	1 573	2 280	2 134	4 414	12 195														
Aug	384	2 196	2 580	1 548	902	421	2 220	7 670	709	1 570	2 279	2 059	4 338	12 008														
Sep	389	2 225	2 614	1 488	901	413	2 171	7 587	723	1 595	2 318	2 110	4 427	12 014														
Oct	390	2 241	2 631	1 510	906	400	2 311	7 757	693	1 609	2 302	2 117	4 419	12 176														
Nov	374	2 255	2 630	1 467	912	412	2 305	7 726	694	1 590	2 284	2 144	4 428	12 154														
Dec	392	2 403	2 795	1 635	924	386	2 283	8 022	687	1 544	2 231	2 170	4 401	12 423														
2016 Jan	416	2 399	2 815	1 475	914	375	2 404	7 983	695	1 615	2 310	2 100	4 411	12 394														
Feb	393	2 474	2 868	1 513	913	345	2 324	7 962	715	1 652	2 367	2 123	4 490	12 452														
Mar	411	2 516	2 927	1 493	878	370	2 312	7 980	701	1 611	2 312	2 015	4 326	12 306														
Apr	375	2 566	2 941	1 468	981	415	2 383	8 187	695	1 631	2 326	2 128	4 454	12 641														
May	393	2 525	2 918	1 494	966	408	2 397	8 184	682	1 601	2 283	2 131	4 414	12 597														
Jun	414	2 486	2 900	1 447	969	367	2 419	8 103	661	1 633	2 293	2 138	4 431	12 535														
Jul	409	2 558	2 967	1 546	967	371	2 435	8 285	648	1 637	2 285	2 104	4 389	12 674														
Aug	417	2 572	2 989	1 550	946	363	2 438	8 286	634	1 620	2 254	2 114	4 369	12 655														
Sep	413	2 556	2 969	1 566	920	377	2 469	8 299	641	1 680	2 320	2 087	4 407	12 707														
Oct	423	2 563	2 985	1 545	908	377	2 459	8 274	649	1 601	2 250	2 163	4 413	12 687														
Nov	428	2 559	2 987	1 598	933	381	2 420	8 320	640	1 681	2 321	2 109	4 430	12 749														
Dec	445	2 635	3 080	1 591	967	385	2 517	8 540	664	1 722	2 386	2 148	4 534	13 074														
2017 Jan	452	2 657	3 109	1 791	983	360	2 552	8 795	635	1 738	2 373	2 170	4 543	13 338														
Feb	457	2 641	3 098	1 654	966	361	2 628	8 707	651	1 700	2 351	2 197	4 548	13 255														
Mar	475	2 710	3 185	1 660	942	364	2 657	8 807	669	1 713	2 382	2 173	4 554	13 362														
Apr	467	2 651	3 118	1 735	968	360	2 589	8 769	658	1 754	2 412	2 197	4 608	13 377														
May	504	2 664	3 168	1 700	935	345	2 599	8 748	651	1 742	2 392	2 174	4 567	13 315														
Jun	456	2 718	3 173	1 716	908	394	2 556	8 747	660	1 726	2 386	2 172	4 558	13 305														
Jul	483	2 664	3 147	1 710	849	396	2 551	8 653	655	1 753	2 408	2 207	4 615	13 268														
Aug	482	2 727	3 209	1 717	909	398	2 607	8 840	645	1 782	2 426	2 173	4 600	13 440														
Sep	490	2 737	3 226	1 714	879	423	2 542	8 785	644	1 735	2 379	2 224	4 604	13 388														
Oct	461	2 774	3 235	1 615	847	416	2 467	8 579	643	1 768	2 411	2 182	4 593	13 172														
Nov	507	2 852	3 359	1 698	870	391	2 467	8 784	641	1 7																		

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

£ million

	Repair and Maintenance												All Work	
	New Housing				Other New Work				Housing					
	Public housing		Private housing		Total new housing	Infrastructure	Excluding Infrastructure		All new work	Public housing	Private housing	Total housing	Non housing R&M	
	Public	housing	Private	housing			Public	Private						
MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N	
1997	1 990	16 501	18 490	12 827	5 467	7 929	23 037	67 751	9 361	19 723	29 084	20 992	50 076	117 827
1998	1 609	16 653	18 262	12 464	5 756	8 072	24 954	69 508	8 740	20 125	28 865	21 211	50 076	119 584
1999	1 401	15 048	16 449	12 170	6 509	8 365	28 064	71 557	8 419	19 963	28 382	21 184	49 566	121 123
2000	1 755	16 769	18 524	11 391	6 151	7 449	28 206	71 719	8 128	20 005	28 133	22 240	50 373	122 093
2001	1 796	15 654	17 449	12 190	6 206	7 609	27 993	71 447	7 684	20 874	28 559	24 274	52 833	124 280
2002	2 031	17 045	19 076	13 781	7 845	6 029	28 904	75 635	7 289	22 595	29 884	25 864	55 748	131 383
2003	2 315	21 300	23 616	12 999	9 856	6 375	27 878	80 725	8 246	22 093	30 339	26 609	56 948	137 672
2004	2 791	25 978	28 769	11 389	11 111	6 590	30 858	88 717	9 078	21 541	30 619	25 523	56 142	144 859
2005	2 629	26 780	29 409	10 943	10 012	6 473	29 570	86 407	9 037	19 657	28 694	26 223	54 917	141 324
2006	3 112	26 977	30 089	10 130	9 239	7 047	32 231	88 735	8 685	18 516	27 201	26 397	53 598	142 333
2007	3 603	26 634	30 237	10 026	9 116	6 904	35 601	91 884	8 260	18 116	26 376	27 112	53 488	145 371
2008	3 260	20 701	23 962	11 162	10 155	5 349	36 079	86 707	8 515	18 348	26 863	28 057	54 921	141 627
2009	3 326	14 215	17 542	12 779	12 283	3 752	27 014	73 369	8 274	16 028	24 302	25 315	49 617	122 986
2010	5 132	16 719	21 851	16 162	16 185	4 159	26 623	84 981	8 846	17 142	25 987	22 404	48 391	133 372
2011	5 259	18 161	23 420	17 139	14 943	3 748	27 081	86 331	8 097	17 196	25 293	23 633	48 926	135 257
2012	4 389	17 447	21 836	15 183	11 714	3 994	24 304	77 032	8 337	16 205	24 542	23 755	48 297	125 329
2013	4 657	19 155	23 812	15 501	10 642	3 672	24 524	78 152	8 049	16 677	24 726	24 556	49 281	127 433
2014	6 191	24 476	30 668	15 394	10 742	4 326	26 174	87 304	8 338	18 123	26 461	26 400	52 861	140 164
2015	5 186	26 866	32 052	18 477	10 800	4 839	26 837	93 004	8 444	18 659	27 103	25 637	52 740	145 744
2016	4 935	30 410	35 345	18 287	11 261	4 534	28 977	98 403	8 025	19 683	27 708	25 360	53 068	151 472
2017	5 748	32 863	38 612	20 511	10 971	4 594	30 703	105 391	7 801	20 922	28 722	26 337	55 059	160 451
2018	5 593	34 668	40 261	21 255	9 763	5 072	28 648	105 000	7 499	20 848	28 347	27 180	55 527	160 527

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

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

£ million

	Repair and Maintenance													
	New Housing				Other New Work				Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infrastructure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Private industrial	Public	Private commercial		Public housing	Private housing	Total housing			
	MV4B	MV4C	MVLR	MV4D	MV4E	MV4F	MV4G	MV4H	MV4I	MV4J	MV4K	MV4L	MV4M	MV4N
2004 Q4	640	6 611	7 251	2 644	2 715	1 611	7 691	21 913	2 217	5 238	7 455	6 419	13 874	35 787
2005 Q1	683	6 588	7 272	2 703	2 623	1 548	7 428	21 574	2 517	4 973	7 490	6 684	14 174	35 748
Q2	670	6 813	7 484	2 695	2 543	1 592	7 404	21 717	2 350	4 895	7 245	6 425	13 670	35 387
Q3	622	6 774	7 397	2 790	2 443	1 626	7 342	21 597	2 121	4 905	7 025	6 646	13 672	35 269
Q4	653	6 604	7 257	2 755	2 403	1 707	7 397	21 519	2 048	4 884	6 933	6 468	13 401	34 920
2006 Q1	759	6 543	7 302	2 674	2 369	1 774	7 637	21 756	2 225	4 702	6 927	6 377	13 304	35 060
Q2	792	6 706	7 499	2 548	2 296	1 720	7 784	21 846	2 068	4 726	6 793	6 530	13 323	35 169
Q3	792	6 879	7 671	2 510	2 297	1 728	8 274	22 480	2 238	4 516	6 754	6 639	13 392	35 872
Q4	769	6 849	7 617	2 397	2 278	1 825	8 536	22 653	2 154	4 573	6 727	6 852	13 579	36 232
2007 Q1	926	6 833	7 759	2 380	2 253	1 839	8 647	22 878	2 272	4 445	6 717	6 851	13 567	36 445
Q2	938	6 782	7 720	2 499	2 243	1 792	8 815	23 069	2 000	4 624	6 624	6 554	13 178	36 247
Q3	897	6 674	7 571	2 592	2 306	1 677	8 979	23 125	1 976	4 390	6 367	6 809	13 176	36 300
Q4	842	6 345	7 187	2 555	2 314	1 595	9 161	22 812	2 012	4 656	6 669	6 898	13 567	36 379
2008 Q1	867	6 037	6 904	2 687	2 421	1 557	9 387	22 956	2 103	4 366	6 469	7 028	13 497	36 452
Q2	851	5 540	6 391	2 879	2 467	1 353	9 030	22 120	2 166	4 649	6 815	7 165	13 980	36 100
Q3	821	4 957	5 778	2 963	2 622	1 273	9 300	21 936	2 195	4 444	6 639	7 220	13 859	35 795
Q4	722	4 167	4 889	2 633	2 647	1 165	8 361	19 695	2 052	4 889	6 941	6 644	13 585	33 280
2009 Q1	722	3 672	4 394	2 726	2 636	978	7 497	18 231	1 975	3 952	5 927	6 308	12 235	30 466
Q2	757	3 596	4 353	3 078	2 858	886	7 110	18 285	2 024	3 972	5 995	6 042	12 037	30 322
Q3	875	3 434	4 309	3 272	3 212	890	6 577	18 261	2 242	4 223	6 465	6 801	13 266	31 527
Q4	972	3 513	4 485	3 703	3 576	998	5 830	18 593	2 033	3 881	5 914	6 165	12 079	30 672
2010 Q1	1 107	3 421	4 527	3 986	3 635	962	6 009	19 120	2 286	3 599	5 886	5 270	11 155	30 275
Q2	1 286	4 291	5 576	4 372	4 042	1 041	6 521	21 553	2 185	4 196	6 381	5 558	11 938	33 491
Q3	1 383	4 502	5 885	4 108	4 305	1 203	7 299	22 800	2 209	4 628	6 837	5 948	12 784	35 584
Q4	1 357	4 506	5 863	3 695	4 203	953	6 794	21 508	2 166	4 719	6 884	5 629	12 513	34 021
2011 Q1	1 330	4 126	5 456	3 988	3 877	915	6 138	20 374	2 182	3 998	6 180	5 787	11 967	32 340
Q2	1 383	4 742	6 125	4 550	3 769	985	6 672	22 101	1 953	4 218	6 172	5 634	11 805	33 906
Q3	1 291	4 712	6 004	4 317	3 879	916	7 194	22 310	1 977	4 341	6 318	6 311	12 629	34 939
Q4	1 254	4 581	5 835	4 285	3 417	932	7 077	21 546	1 985	4 638	6 623	5 901	12 525	34 071
2012 Q1	1 098	4 219	5 317	3 629	2 977	921	5 965	18 808	2 135	3 971	6 105	5 947	12 053	30 860
Q2	1 096	4 499	5 594	3 607	2 921	986	6 235	19 344	1 974	3 987	5 962	5 813	11 775	31 119
Q3	1 102	4 269	5 371	3 929	3 051	1 015	6 027	19 394	2 114	4 086	6 199	6 158	12 357	31 751
Q4	1 094	4 460	5 554	4 019	2 765	1 072	6 077	19 487	2 114	4 161	6 276	5 836	12 112	31 599
2013 Q1	978	3 964	4 943	3 654	2 405	950	5 605	17 556	2 136	3 628	5 764	5 772	11 536	29 092
Q2	1 172	4 896	6 067	3 840	2 638	916	5 898	19 359	1 913	4 143	6 056	5 899	11 955	31 314
Q3	1 183	4 976	6 159	3 902	2 957	914	6 644	20 576	1 981	4 405	6 386	6 598	12 984	33 560
Q4	1 323	5 320	6 643	4 106	2 643	893	6 377	20 661	2 019	4 500	6 520	6 286	12 806	33 467
2014 Q1	1 345	5 223	6 568	3 678	2 364	973	6 064	19 646	2 156	4 238	6 394	6 208	12 602	32 248
Q2	1 605	6 217	7 822	3 740	2 622	1 143	6 431	21 757	2 003	4 472	6 476	6 474	12 949	34 706
Q3	1 646	6 458	8 104	3 895	2 949	1 157	6 820	22 925	2 113	4 726	6 839	7 088	13 926	36 851
Q4	1 595	6 578	8 173	4 081	2 808	1 054	6 859	22 975	2 066	4 686	6 752	6 631	13 384	36 358
2015 Q1	1 390	5 985	7 375	4 391	2 433	1 132	6 293	21 623	2 236	4 170	6 406	6 471	12 876	34 500
Q2	1 440	7 077	8 518	4 666	2 646	1 190	6 609	23 629	2 044	4 672	6 717	6 120	12 837	36 466
Q3	1 190	6 707	7 897	4 727	2 964	1 326	6 905	23 820	2 129	4 864	6 992	6 630	13 622	37 442
Q4	1 166	7 097	8 262	4 693	2 755	1 191	7 030	23 932	2 035	4 953	6 988	6 417	13 405	37 337
2016 Q1	1 138	6 840	7 977	4 326	2 508	1 037	6 730	22 579	2 236	4 526	6 762	6 053	12 815	35 394
Q2	1 249	7 886	9 136	4 364	2 836	1 210	7 153	24 699	1 977	4 899	6 877	6 272	13 148	37 847
Q3	1 244	7 763	9 007	4 795	3 113	1 156	7 635	25 706	1 912	5 072	6 984	6 645	13 629	39 335
Q4	1 304	7 921	9 225	4 801	2 804	1 131	7 459	25 420	1 899	5 186	7 085	6 391	13 476	38 896
2017 Q1	1 321	7 457	8 778	4 954	2 689	1 016	7 464	24 901	2 057	4 886	6 943	6 457	13 400	38 301
Q2	1 477	8 298	9 776	5 103	2 752	1 123	7 761	26 516	1 924	5 217	7 141	6 350	13 491	40 006
Q3	1 458	8 239	9 697	5 267	2 886	1 271	7 962	27 083	1 935	5 369	7 304	6 911	14 215	41 298
Q4	1 492	8 869	10 361	5 187	2 644	1 184	7 516	26 891	1 885	5 450	7 335	6 619	13 954	40 845
2018 Q1	1 229	7 893	9 122	5 105	2 251	1 127	7 011	24 616	1 981	4 788	6 769	6 354	13 123	37 739
Q2	1 417	8 757	10 173	5 180	2 334	1 351	7 269	26 308	1 855	5 374	7 228	6 665	13 893	40 202
Q3	1 440	8 881	10 321	5 411	2 726	1 317	7 190	26 966	1 871	5 389	7 260	7 357	14 617	41 583
Q4	1 507	9 139	10 646	5 559	2 451	1 276	7 178	27 111	1 792	5 298	7 090	6 804	13 893	41 004
2019 Q1	1 439	8 383	9 823	5 476	2 312	1 232	6 561	25 404	1 899	5 000	6 899	6 814	13 712	39 116
Q2	1 720	9 131	10 851	5 561	2 273	1 298	7 032	27 015	1 787	5 167	6 953	6 685	13 638	40 653
Q3	1 619	9 288	10 907	5 819	2 603	1 415	7 408	28 151	1 920	5 222	7 143	7 301	14 443	42 595

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

£ million

	New Housing													Other New Work				Repair and Maintenance				
					Excluding Infrastructure								Housing			All Repair and Maintenance						
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	MV4L	MV4M	MV4N	All Repair and Maintenance						
2013 Nov	MV4B 454	MV4C 414	2 210	MV4D 1 384	MV4E 904	MV4F 295	MV4G 2 157	MV4H 6 949	MV4I 700	MV4J 1 572	MV4K 2 273	MV4L 2 121	MV4M 4 394	MV4N 11 343								
Dec	414	1 679	2 093	1 235	796	295	1 854	6 273	598	1 331	1 929	1 890	3 820	10 092								
2014 Jan	388	1 679	2 067	1 137	714	263	1 872	6 054	669	1 305	1 974	1 920	3 894	9 948								
Feb	442	1 645	2 087	1 202	750	339	1 960	6 338	682	1 393	2 074	2 021	4 095	10 433								
Mar	515	1 899	2 414	1 338	899	371	2 232	7 254	805	1 541	2 346	2 267	4 612	11 867								
Apr	462	1 975	2 437	1 226	876	365	2 122	7 027	661	1 476	2 137	2 133	4 270	11 297								
May	534	2 023	2 557	1 272	850	384	2 131	7 194	652	1 476	2 128	2 104	4 232	11 426								
Jun	609	2 219	2 828	1 242	895	393	2 177	7 536	690	1 520	2 210	2 236	4 447	11 983								
Jul	531	2 210	2 740	1 309	965	393	2 307	7 714	703	1 614	2 317	2 319	4 636	12 351								
Aug	553	2 050	2 604	1 259	1 015	374	2 196	7 448	689	1 537	2 226	2 358	4 584	12 031								
Sep	562	2 198	2 760	1 327	969	390	2 317	7 763	721	1 575	2 295	2 411	4 706	12 469								
Oct	555	2 342	2 897	1 416	1 009	357	2 422	8 100	722	1 674	2 396	2 363	4 759	12 860								
Nov	531	2 208	2 739	1 399	943	360	2 306	7 746	727	1 584	2 311	2 249	4 560	12 306								
Dec	509	2 029	2 538	1 266	855	337	2 131	7 128	618	1 428	2 046	2 019	4 064	11 192								
2015 Jan	418	1 868	2 286	1 298	717	335	1 983	6 620	655	1 266	1 921	1 964	3 885	10 505								
Feb	465	1 912	2 377	1 380	807	395	2 105	7 064	705	1 309	2 014	2 052	4 066	11 130								
Mar	507	2 204	2 711	1 712	910	402	2 204	7 939	876	1 595	2 471	2 454	4 925	12 865								
Apr	496	2 318	2 815	1 596	852	385	2 120	7 768	657	1 513	2 170	2 061	4 231	11 999								
May	450	2 291	2 741	1 537	864	394	2 149	7 685	671	1 507	2 178	1 981	4 159	11 844								
Jun	494	2 468	2 962	1 533	930	412	2 340	8 176	716	1 652	2 368	2 078	4 447	12 623								
Jul	410	2 313	2 723	1 639	994	456	2 354	8 166	708	1 688	2 396	2 245	4 640	12 806								
Aug	375	2 128	2 503	1 545	990	429	2 262	7 729	678	1 517	2 195	2 135	4 330	12 059								
Sep	404	2 266	2 670	1 543	980	442	2 289	7 924	743	1 659	2 402	2 250	4 652	12 577								
Oct	396	2 460	2 857	1 616	945	411	2 502	8 331	714	1 747	2 462	2 233	4 695	13 025								
Nov	383	2 311	2 694	1 506	943	415	2 392	7 950	700	1 716	2 416	2 185	4 601	12 551								
Dec	387	2 325	2 712	1 571	867	365	2 136	7 651	621	1 490	2 110	1 999	4 110	11 761								
2016 Jan	345	1 986	2 332	1 271	763	311	2 089	6 765	633	1 375	2 008	1 824	3 831	10 596								
Feb	357	2 282	2 639	1 417	824	341	2 266	7 487	741	1 530	2 271	2 035	4 306	11 794								
Mar	435	2 572	3 007	1 639	921	385	2 375	8 326	862	1 621	2 483	2 194	4 677	13 004								
Apr	371	2 574	2 945	1 422	923	395	2 296	7 981	656	1 615	2 270	2 081	4 351	12 332								
May	399	2 524	2 924	1 479	960	423	2 388	8 174	648	1 580	2 227	2 047	4 274	12 448								
Jun	479	2 788	3 267	1 463	954	392	2 468	8 544	674	1 705	2 379	2 144	4 523	13 067								
Jul	409	2 578	2 986	1 563	1 034	378	2 465	8 427	633	1 700	2 333	2 134	4 467	12 894								
Aug	407	2 550	2 956	1 602	1 089	378	2 575	8 600	622	1 629	2 251	2 276	4 527	13 127								
Sep	429	2 635	3 065	1 629	989	400	2 595	8 679	657	1 743	2 400	2 235	4 635	13 314								
Oct	428	2 719	3 147	1 628	928	389	2 595	8 687	648	1 712	2 359	2 246	4 605	13 292								
Nov	434	2 684	3 118	1 669	985	392	2 548	8 712	659	1 843	2 502	2 195	4 697	13 409								
Dec	441	2 518	2 960	1 504	890	350	2 317	8 021	593	1 631	2 224	1 951	4 175	12 196								
2017 Jan	382	2 258	2 640	1 568	833	315	2 271	7 626	582	1 533	2 115	1 927	4 042	11 668								
Feb	419	2 370	2 789	1 555	854	340	2 465	8 004	658	1 571	2 229	2 101	4 329	12 333								
Mar	520	2 829	3 349	1 831	1 002	361	2 729	9 272	817	1 782	2 599	2 429	5 028	14 300								
Apr	440	2 565	3 004	1 655	899	348	2 481	8 387	613	1 643	2 256	2 043	4 300	12 687								
May	510	2 688	3 198	1 727	943	356	2 654	8 878	628	1 771	2 399	2 132	4 531	13 409								
Jun	527	3 046	3 573	1 721	910	420	2 626	9 251	683	1 802	2 486	2 174	4 660	13 911								
Jul	481	2 709	3 190	1 734	900	410	2 584	8 818	641	1 816	2 457	2 233	4 690	13 508								
Aug	470	2 779	3 249	1 784	1 052	421	2 755	9 262	643	1 790	2 433	2 338	4 771	14 033								
Sep	507	2 751	3 258	1 749	935	439	2 623	9 003	651	1 763	2 414	2 339	4 754	13 757								
Oct	465	3 003	3 468	1 734	898	446	2 641	9 188	658	1 903	2 561	2 309	4 870	14 057								
Nov	511	3 036	3 547	1 772	891	395	2 609	9 214	654	1 956	2 610	2 320	4 930	14 144								
Dec	516	2 829	3 346	1 681	854	344	2 266	8 490	573	1 591	2 164	1 990	4 154	12 644								
2018 Jan	356	2 420	2 776	1 672	713	347	2 290	7 798	604	1 529	2 133	1 994	4 127	11 925								
Feb	401	2 648	3 049	1 647	715	363	2 301	8 075	635	1 573	2 208	2 044	4 252	12 327								
Mar	471	2 825	3 297	1 786	823	417	2 420	8 743	742	1 685	2 427	2 317	4 744	13 486								
Apr	435	2 801	3 236	1 678	734	437	2 393	8 478	594	1 686	2 280	2 154	4 435	12 913								
May	451	2 871	3 322	1 736	814	448	2 482	8 803	609	1 849	2 458	2 249	4 707	13 510								
Jun	531	3 084	3 615	1 766	786	466	2 394	9 027	651	1 839	2 490	2 262	4 752	13 779								
Jul	473	3 042	3 516	1 795	914	466	2 405	9 096	636	1 894	2 530	2 351	4 881	13 978								
Aug	453	2 919	3 372	1 806	952	427	2 454	9 010	626	1 770	2 396	2 525	4 921	13 931								
Sep	513	2 920	3 433	1 810	860	425	2 331	8 860	609	1 724	2 334	2 481	4 814	13 674								
Oct	481	3 248	3 729	1 993	920	453	2 536	9 631	637	1 875	2 512	2 500	5 012	14 643								
Nov	495	3 201	3 696	1 897	815	427	2 507	9 343	621	1 889	2 510	2 362	4 871	14 214								
Dec	531	2 689	3 221	1 669	715	397	2 135	8 137	534	1 533	2 068</td											

# 3.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 Maintenance	All Work		
					Excluding Infrastructure				Housing				Non housing R&M					
	Public housing	Private housing	Total housing	Infrastr- ucture	Public	Private industri- al	Private commerci- al	All new work	Public housing	Private housing	Total housing	Non housing R&M						
	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	2.5	8.6	7.2	6.0	-7.7	-9.9	1.7	1.6	-8.5	0.3	-2.7	5.5	1.1	1.4				
2012	-16.5	-3.9	-6.8	-11.4	-21.6	6.6	-10.3	-10.8	3.0	-5.8	-3.0	0.5	-1.3	-7.3				
2013	6.1	9.8	9.0	2.1	-9.2	-8.1	0.9	1.5	-3.5	2.9	0.7	3.4	2.0	1.7				
2014	33.0	27.8	28.8	-0.7	0.9	17.8	6.7	11.7	3.6	8.7	7.0	7.5	7.3	10.0				
2015	-16.2	9.8	4.5	20.0	0.5	11.9	2.5	6.5	1.3	3.0	2.4	-2.9	-0.2	4.0				
2016	-4.8	13.2	10.3	-1.0	4.3	-6.3	8.0	5.8	-5.0	5.5	2.2	-1.1	0.6	3.9				
2017	16.5	8.1	9.2	12.2	-2.6	1.3	6.0	7.1	-2.8	6.3	3.7	3.9	3.8	5.9				
2018	-2.7	5.5	4.3	3.6	-11.0	10.4	-6.7	-0.4	-3.9	-0.4	-1.3	3.2	0.8	-				

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

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

%

	Construction Output: Volume Seasonally Adjusted Percentage Change on Previous Quarter													
	New Housing				Other New Work				Repair and Maintenance					
	Public housing	Private housing	Total new housing	Infrastructure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance	All Work
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing			
2004 Q4	MV54 -2.6	MV55 0.5	MVM7 0.2	MV56 -5.0	MV57 -2.9	MV58 -3.1	MV59 -2.3	MV5A -2.0	MV5B 3.6	MV5C -4.2	MV5D -1.4	MV5E 2.9	MV5F 0.8	MV5G -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	4.0	1.2	1.8	16.4	0.7	-1.9	-0.4	3.2	-4.1	-3.1	-3.4	2.2	-0.8	1.7
Q2	-4.0	2.4	0.9	8.0	-9.8	3.2	3.1	0.9	-1.5	-0.7	-1.0	-1.2	-1.1	0.2
Q3	-4.4	2.1	0.6	-6.7	-6.7	-5.6	1.6	-2.1	-2.1	-0.8	-1.2	2.9	0.8	-1.1
Q4	-3.6	-3.5	-3.5	-0.2	-3.7	3.4	0.5	-1.3	0.7	4.4	3.2	1.5	2.4	-
2012 Q1	-5.4	0.8	-0.5	-9.6	-6.5	1.1	-9.0	-6.0	0.7	-3.4	-2.1	-0.5	-1.3	-4.3
Q2	-10.8	-4.3	-5.7	-5.5	-7.0	1.6	0.6	-3.5	1.8	-5.5	-3.2	-0.6	-1.9	-2.9
Q3	5.1	-2.4	-1.0	7.3	-4.7	3.1	-8.1	-2.2	3.8	-0.8	0.8	-1.9	-0.6	-1.6
Q4	-1.5	3.2	2.2	1.5	-2.8	8.8	1.6	1.5	-0.1	-2.1	-1.4	0.8	-0.3	0.8
2013 Q1	-1.8	-0.1	-0.4	-2.3	-4.9	-8.2	1.4	-1.3	-4.3	1.8	-0.3	0.4	-	-0.8
Q2	4.7	7.5	7.0	0.5	2.9	-9.7	-0.2	1.9	-2.5	3.6	1.5	1.4	1.5	1.8
Q3	6.0	5.0	5.2	-0.9	2.1	-0.9	6.7	3.7	0.2	4.0	2.7	4.1	3.4	3.6
Q4	11.3	5.5	6.6	5.2	-4.6	0.3	-2.8	1.5	1.9	-0.4	0.3	1.4	0.8	1.3
2014 Q1	7.4	9.6	9.2	-4.0	-1.1	15.1	3.9	3.9	1.9	6.2	4.8	-0.3	2.3	3.3
Q2	11.1	5.6	6.7	-2.6	3.6	9.3	0.8	2.9	-	-0.5	-0.4	5.4	2.5	2.8
Q3	5.0	5.5	5.4	1.2	1.1	-1.3	0.6	2.3	1.7	2.1	2.0	0.9	1.5	2.0
Q4	-3.5	1.6	0.6	5.2	2.5	-3.1	2.6	2.0	-0.4	-3.0	-2.2	-1.0	-1.6	0.7
2015 Q1	-7.4	0.9	-0.7	14.2	-4.5	10.9	-0.5	2.1	1.5	-	0.5	-1.0	-0.3	1.2
Q2	-5.8	5.0	3.0	3.1	1.9	-1.7	-0.3	1.7	-1.0	5.3	3.3	-4.4	-0.5	0.9
Q3	-14.3	-2.8	-4.7	-2.1	0.3	9.7	-0.4	-1.7	1.5	0.7	0.9	-0.1	0.5	-0.9
Q4	-2.3	3.9	3.0	0.2	1.2	-6.6	4.2	2.0	-3.0	0.1	-0.9	2.0	0.5	1.5
2016 Q1	5.5	7.1	6.9	-2.8	-1.3	-9.0	2.0	1.8	1.8	2.8	2.5	-3.0	-0.2	1.1
Q2	-3.1	2.5	1.7	-1.6	7.8	9.2	2.3	2.3	-3.5	-0.3	-1.2	2.6	0.6	1.7
Q3	4.8	1.4	1.9	5.7	-2.9	-6.7	2.0	1.6	-5.7	1.5	-0.6	-1.4	-1.0	0.7
Q4	4.6	0.9	1.4	1.6	-0.8	2.8	0.7	1.1	1.6	1.4	1.4	1.8	1.6	1.3
2017 Q1	6.8	3.2	3.8	7.8	2.9	-5.0	6.0	4.7	0.1	2.9	2.1	1.9	2.0	3.7
Q2	3.1	0.3	0.7	0.9	-2.7	1.3	-1.2	-0.2	0.6	1.4	1.2	-	0.6	0.1
Q3	1.9	1.2	1.3	-0.2	-6.2	10.6	-0.5	0.1	-1.3	0.9	0.3	0.9	0.6	0.2
Q4	2.0	7.0	6.2	-0.5	-0.2	-1.9	-3.6	1.0	-0.5	0.2	-	0.7	0.3	0.8
2018 Q1	-11.5	-1.5	-3.0	3.0	-7.1	1.6	-1.2	-1.5	-2.6	-2.9	-2.8	-1.7	-2.3	-1.8
Q2	2.5	-1.7	-1.2	-0.9	-2.3	9.2	-1.0	-0.7	0.8	3.7	3.0	4.3	3.6	0.8
Q3	7.4	4.2	4.7	1.7	4.0	-5.9	-4.0	1.0	-0.9	-0.9	-0.9	3.2	1.1	1.1
Q4	3.2	1.7	1.9	2.8	-1.8	3.7	1.5	1.7	-2.5	-2.8	-2.8	-3.5	-3.1	-
2019 Q1	0.7	1.5	1.4	3.7	2.7	3.0	-1.9	1.2	-0.5	3.8	2.6	3.1	2.8	1.7
Q2	10.9	-1.8	-	-1.0	-6.7	-4.9	1.6	-0.7	0.7	-2.9	-2.0	-1.2	-1.6	-1.0
Q3	-2.7	2.6	1.7	1.1	1.7	4.7	1.9	1.8	5.2	-1.9	-	0.3	0.1	1.2

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

%

	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	Infrastructure	Private industrial		Private commercial		All new work	Public housing	Private housing	Total housing	Non housing R&M	All Repair and Maintenance
	MV4O	MV4P	MVM2	MV4Q	MV4R	MV4S	MV4T	MV4U	MV4V	MV4X	MV4Y	MV4Z	MV52	MV53		
2013 Nov	-0.5	1.4	1.0	-2.0	-1.0	3.5	-3.5	-1.2	-1.1	1.4	0.6	-1.7	-0.6	-0.9	-0.9	-0.9
Dec	-3.8	4.8	3.1	-3.0	-1.7	5.8	-1.2	-	0.3	-3.7	-2.4	0.6	-0.9	-0.9	-0.3	-0.3
2014 Jan	7.4	9.4	9.0	-0.8	-2.1	1.2	3.4	3.6	5.9	7.3	6.8	1.6	4.2	3.9		
Feb	4.1	-5.7	-3.8	0.6	2.2	8.8	1.0	-0.3	-6.0	1.4	-1.0	-1.5	-1.2	-0.6		
Mar	0.2	1.6	1.4	-3.1	3.0	6.9	5.7	2.3	1.2	0.3	0.6	-2.1	-0.7	1.2		
Apr	2.4	6.6	5.7	-1.4	1.6	1.5	-2.4	1.2	2.2	0.7	1.2	6.7	3.8	2.2		
May	8.3	-1.4	0.5	2.6	-2.6	-0.3	-1.3	-0.1	-2.6	-2.3	-2.4	-0.9	-1.7	-0.7		
Jun	3.8	2.8	3.0	-3.1	3.2	1.8	0.5	1.1	2.6	-0.9	0.2	3.9	2.1	1.5		
Jul	-2.9	2.7	1.5	1.6	-1.0	-2.6	0.9	0.8	0.1	1.5	1.1	-3.4	-1.2	-	-	-
Aug	5.3	1.4	2.2	0.2	1.2	1.4	-1.1	0.7	1.6	5.5	4.3	3.3	3.8	1.9		
Sep	-2.2	1.3	0.6	1.9	0.4	-2.2	1.8	1.0	-0.7	-5.0	-3.6	-0.2	-1.9	-0.1		
Oct	-0.4	-0.5	-0.4	1.5	2.7	-3.0	-0.8	0.1	-1.6	-0.4	-0.8	-2.5	-1.7	-0.6		
Nov	-4.7	1.4	0.2	6.1	-0.3	0.2	3.2	2.0	3.4	-0.9	0.4	2.1	1.3	1.8		
Dec	-0.5	-0.6	-0.6	-4.9	-2.3	2.3	1.3	-0.9	-3.0	-1.1	-1.7	-2.4	-2.1	-1.3		
2015 Jan	-5.9	1.1	-0.2	13.4	-4.3	9.5	-1.5	1.7	1.9	0.6	1.0	1.3	1.2	1.5		
Feb	2.5	-1.3	-0.6	-0.2	5.5	1.8	0.3	0.6	-1.1	-3.3	-2.6	-3.5	-3.1	-0.7		
Mar	-3.9	1.8	0.7	6.7	-6.4	-4.3	-3.4	-0.5	4.0	8.1	6.8	3.0	4.9	1.4		
Apr	5.4	4.8	4.9	2.0	4.1	2.5	-0.5	2.6	-4.5	0.8	-0.9	-3.7	-2.3	0.8		
May	-12.3	2.0	-0.6	-2.6	-2.5	-0.5	1.6	-0.6	2.8	-0.2	0.7	-1.5	-0.4	-0.5		
Jun	-2.9	-5.4	-5.0	-4.2	6.5	-4.3	3.9	-1.0	-1.3	1.5	0.6	-1.4	-0.4	-0.8		
Jul	-4.6	0.5	-0.4	4.0	-2.7	18.6	-2.4	0.5	0.7	-0.6	-0.2	3.0	1.3	0.8		
Aug	-6.5	-1.0	-1.9	-1.4	-0.4	-6.0	-0.4	-1.4	0.3	-0.2	-	-3.5	-1.7	-1.5		
Sep	1.2	1.3	1.3	-3.9	-0.1	-1.9	-2.2	-1.1	1.9	1.6	1.7	2.4	2.1	-		
Oct	0.3	0.7	0.7	1.5	0.6	-3.3	6.4	2.2	-4.1	0.9	-0.7	0.3	-0.2	1.3		
Nov	-3.9	0.6	-	-2.9	0.7	3.2	-0.2	-0.4	0.1	-1.2	-0.8	1.3	0.2	-0.2		
Dec	4.7	6.5	6.3	11.5	1.3	-6.4	-1.0	3.8	-1.0	-2.9	-2.3	1.2	-0.6	2.2		
2016 Jan	6.1	-0.2	0.7	-9.8	-1.0	-2.7	5.3	-0.5	1.2	4.6	3.5	-3.2	0.2	-0.2		
Feb	-5.5	3.1	1.9	2.6	-0.1	-8.1	-3.3	-0.3	2.9	2.3	2.5	1.1	1.8	0.5		
Mar	4.5	1.7	2.1	-1.3	-3.9	7.2	-0.5	0.2	-2.0	-2.5	-2.3	-5.1	-3.6	-1.2		
Apr	-8.7	2.0	0.5	-1.7	11.7	12.1	3.1	2.6	-0.9	1.3	0.6	5.6	3.0	2.7		
May	4.7	-1.6	-0.8	1.8	-1.5	-1.6	0.6	-	-1.8	-1.9	-1.8	0.1	-0.9	-0.3		
Jun	5.3	-1.5	-0.6	-3.2	0.3	-10.0	0.9	-1.0	-3.1	2.0	0.5	0.3	0.4	-0.5		
Jul	-1.3	2.9	2.3	6.8	-0.2	1.0	0.6	2.2	-2.0	0.3	-0.4	-1.6	-1.0	1.1		
Aug	2.0	0.5	0.7	0.3	-2.2	-2.0	0.2	-	-2.1	-1.1	-1.3	0.5	-0.5	-0.1		
Sep	-1.1	-0.6	-0.7	1.0	-2.7	3.7	1.2	0.2	1.0	3.7	2.9	-1.3	0.9	0.4		
Oct	2.5	0.3	0.6	-1.3	-1.3	-0.1	-0.4	-0.3	1.3	-4.7	-3.0	3.6	0.1	-0.2		
Nov	1.2	-0.1	0.1	3.4	2.8	1.1	-1.6	0.6	-1.5	5.0	3.1	-2.5	0.4	0.5		
Dec	4.0	3.0	3.1	-0.4	3.6	1.1	4.0	2.7	3.7	2.4	2.8	1.9	2.4	2.6		
2017 Jan	1.7	0.8	1.0	12.5	1.6	-6.6	1.4	3.0	-4.3	0.9	-0.5	1.0	0.2	2.0		
Feb	1.0	-0.6	-0.4	-7.7	-1.7	0.4	3.0	-1.0	2.5	-2.2	-0.9	1.2	0.1	-0.6		
Mar	3.9	2.6	2.8	0.4	-2.5	0.8	1.1	1.2	2.8	0.7	1.3	-1.1	0.1	0.8		
Apr	-1.6	-2.2	-2.1	4.5	2.8	-1.2	-2.6	-0.4	-1.8	2.4	1.3	1.1	1.2	0.1		
May	7.9	0.5	1.6	-2.0	-3.3	-4.0	0.4	-0.2	-1.0	-0.7	-0.8	-1.0	-0.9	-0.5		
Jun	-9.6	2.0	0.2	0.9	-2.9	14.2	-1.7	-	1.4	-0.9	-0.3	-0.1	-0.2	-0.1		
Jul	5.9	-2.0	-0.8	-0.3	-6.5	0.4	-0.2	-1.1	-0.7	1.6	0.9	1.6	1.3	-0.3		
Aug	-0.1	2.4	2.0	0.4	7.1	0.4	2.2	2.2	-1.6	1.6	0.8	-1.5	-0.3	1.3		
Sep	1.5	0.4	0.5	-0.2	-3.3	6.5	-2.5	-0.6	-0.1	-2.6	-1.9	2.4	0.1	-0.4		
Oct	-5.9	1.4	0.3	-5.8	-3.6	-1.8	-3.0	-2.3	-	1.9	1.3	-1.9	-0.2	-1.6		
Nov	10.0	2.8	3.8	5.1	2.7	-6.0	-	2.4	-0.3	1.3	0.9	2.5	1.6	2.1		
Dec	1.9	7.5	6.7	6.2	5.3	-1.0	0.9	4.5	1.2	-3.9	-2.6	-0.2	-1.4	2.4		
2018 Jan	-16.9	-8.0	-9.3	3.8	-9.3	5.0	0.2	-3.5	-1.1	-0.6	-0.7	-0.9	-0.8	-2.6		
Feb	2.5	4.4	4.1	-6.6	-2.7	-3.8	-1.6	-0.8	-2.2	-0.1	-0.7	-3.4	-2.0	-1.2		
Mar	0.9	-5.2	-4.4	-5.3	-0.4	6.2	-2.5	-3.2	-2.0	-	-0.5	2.6	1.0	-1.8		
Apr	-	-0.3	-0.2	4.3	-4.3	8.9	2.3	1.4	3.2	0.6	1.2	0.9	1.1	1.3		
May	0.2	0.2	0.2	-1.2	6.3	-5.2	-0.5	-	-1.3	5.5	3.7	3.9	3.8	1.3		
Jun	2.8	1.7	1.9	5.2	-2.3	3.6	-2.0	1.1	2.1	-1.4	-0.5	0.7	0.1	0.8		
Jul	4.2	3.1	3.2	-2.7	4.3	-2.2	-1.5	0.5	-0.7	0.2	-	-1.4	-0.7	0.1		
Aug	-0.9	-0.7	-0.7	1.0	-1.3	-4.2	-1.4	-0.8	-0.3	-2.1	-1.6	2.8	0.5	-0.3		
Sep	5.2	1.1	1.7	2.4	0.6	-4.8	-0.3	0.9	-2.7	-1.4	-1.8	2.9	0.5	0.8		
Oct	-4.6	1.8	0.9	2.2	4.4	8.1	1.2	1.9	0.2	-0.2	-0.1	-3.8	-2.0	0.5		
Nov	3.4	0.8	1.1	-1.1	-8.8	-0.9	2.0	-0.2	-1.4	-0.3	-1.5	-0.9	-0.4			
Dec	7.8	-3.3	-1.8	-1.9	-	3.6	-1.2	-1.2	0.6	-3.2	-2.2	-4.4	-3.3	-1.9		
2019 Jan	-5.9	1.9	0.7	5.1	6.3	3.3	-5.3	0.6	-0.4	5.2	3.7	8.2	5.9	2.4		
Feb	-0.3	4.9	4.1	1.7	0.9	-3.7	3.0	2.6	2.7	2.4	2.5	-1.9	0.3	1.8		
Mar	2.7	-4.8	-3.7	-2.7	-2.5	0.5	4.9	-1.0	-5.5	-2.4	-3.2	-0.1	-1.7	-1.2		
Apr	4.6	0.4	1.0	-0.8	-2.9	-5.0	-1.8	-0.8	4.0	-2.7	-1.0	0.6	-0.2	-0.6		
May	1.6	0.7	0.8	3.5	-5.2	8.6	-1.7	0.5	1.6	2.0	1.9	-1.4	0.2	0.4		
Jun	9.4	-2.9	-1.0	-3.8	2.7	-13.0	1.4	-1.3	-4.0	-2.2	-2.7	-0.7	-1.7	-1.4		
Jul	-12.0	4.8	2.0	1.3	1.2	7.3	0.5	1.6	9.5	-1.4	1.4	1.5	1.5	1.6		
Aug	4.1	-1.0	-0.3	-2.5	-0.7	6.7	1.5	-	-3.5	0.4	-0.7	0.1	-0.3	-0.1		
Sep	3.0	0.6	0.9	8.8	2.7	-0.5	0.4	2.4	1.6	0.3	0.7	-1.0	-0.2	1.6		
Oct	4.4	-4.9	-3.5	-6.0	-3.7	-3.9	-0.3	-3.2	-0.5	-1.7	-1.4	0.9	-0.2	-2.2		
Nov	1.0	4.6	4.0	-0.4	1.3	8.4	1.5	2.4	1.9	-2.6	-1.4	3.1	0.9	1.9		

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

# 3B.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 Maintenance	All Work		
	Public housing		Private housing		Total new housing	Excluding Infrastructure			Housing			Non housing R&M						
	MV5H	MV5I	MVM3	MV5J		MV5K	MV5L	MV5M	MV5N	MV5O	MV5P	MV5Q	MV5R	MV5S				
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	2.5	8.6	7.2	6.0	-7.7	-9.9	1.7	1.6	-8.5	0.3	-2.7	5.5	1.1	1.4				
2012	-16.5	-3.9	-6.8	-11.4	-21.6	6.6	-10.3	-10.8	3.0	-5.8	-3.0	0.5	-1.3	-7.3				
2013	6.1	9.8	9.0	2.1	-9.2	-8.1	0.9	1.5	-3.5	2.9	0.7	3.4	2.0	1.7				
2014	33.0	27.8	28.8	-0.7	0.9	17.8	6.7	11.7	3.6	8.7	7.0	7.5	7.3	10.0				
2015	-16.2	9.8	4.5	20.0	0.5	11.9	2.5	6.5	1.3	3.0	2.4	-2.9	-0.2	4.0				
2016	-4.8	13.2	10.3	-1.0	4.3	-6.3	8.0	5.8	-5.0	5.5	2.2	-1.1	0.6	3.9				
2017	16.5	8.1	9.2	12.2	-2.6	1.3	6.0	7.1	-2.8	6.3	3.7	3.9	3.8	5.9				
2018	-2.7	5.5	4.3	3.6	-11.0	10.4	-6.7	-0.4	-3.9	-0.4	-1.3	3.2	0.8	-				

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

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

%

	Construction Output: Volume Seasonally Adjusted Percentage Change on Same Period a Year Earlier															
	New Housing				Other New Work				Repair and Maintenance							
	Public housing		Private housing		Total new housing	Infrastructure	Excluding Infrastructure			Housing			Non housing R&M			All Repair and Maintenance
	Public	housing	Private	housing			Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M	All Work	All Repair and Maintenance
2004 Q4	MV68 8.0	MV69 10.1	MVM8 9.9	MV6A -14.4	MV6B -2.4	MV6C -8.2	MV6D 4.6	MV6E 1.7	MV6F 5.6	MV6G -7.6	MV6H -3.1	MV6I -3.9	MV6J -3.5	MV6K -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	19.5	18.5	18.7	-0.4	6.8	-5.6	1.2	5.8	-6.7	8.1	2.8	9.3	5.8	5.8		
Q2	8.5	10.6	10.1	4.5	-7.6	-6.0	2.3	2.4	-10.5	0.7	-3.2	1.1	-1.2	1.1		
Q3	-7.1	5.0	2.1	4.6	-10.9	-23.7	-1.3	-2.3	-9.6	-6.2	-7.3	6.4	-1.1	-1.8		
Q4	-8.0	2.0	-0.3	17.1	-18.4	-1.3	4.9	0.6	-7.0	-0.3	-2.5	5.5	1.3	0.9		
2012 Q1	-16.3	1.7	-2.6	-9.1	-24.2	1.7	-4.2	-8.3	-2.3	-0.6	-1.2	2.7	0.7	-5.1		
Q2	-22.2	-5.0	-8.9	-20.4	-21.9	0.2	-6.5	-12.4	1.0	-5.5	-3.4	3.3	-0.2	-8.0		
Q3	-14.5	-9.2	-10.4	-8.5	-20.2	9.4	-15.5	-12.4	7.1	-5.5	-1.5	-1.6	-1.5	-8.5		
Q4	-12.7	-2.9	-5.0	-7.0	-19.5	15.2	-14.5	-9.9	6.3	-11.3	-5.8	-2.2	-4.1	-7.8		
2013 Q1	-9.4	-3.8	-4.9	0.5	-18.2	4.5	-4.7	-5.5	1.0	-6.5	-4.1	-1.3	-2.8	-4.4		
Q2	6.4	8.2	7.8	6.9	-9.4	-7.0	-5.5	-0.1	-3.2	2.5	0.5	0.7	0.6	0.2		
Q3	7.3	16.4	14.5	-1.2	-2.9	-10.6	9.8	5.9	-6.6	7.3	2.5	6.9	4.6	5.4		
Q4	21.3	19.0	19.5	2.4	-4.8	-17.7	5.0	5.9	-4.7	9.2	4.3	7.4	5.8	5.9		
2014 Q1	32.7	30.6	31.0	0.6	-0.9	3.3	7.6	11.5	1.5	13.8	9.6	6.7	8.2	10.2		
Q2	40.7	28.2	30.6	-2.5	-0.2	24.9	8.8	12.6	4.0	9.3	7.6	10.9	9.2	11.3		
Q3	39.4	28.8	30.8	-0.4	-1.2	24.4	2.5	11.1	5.6	7.4	6.8	7.6	7.2	9.6		
Q4	20.9	24.1	23.4	-0.4	6.2	20.3	8.2	11.7	3.3	4.6	4.2	5.0	4.6	8.9		
2015 Q1	4.2	14.2	12.3	18.4	2.6	15.9	3.5	9.7	2.8	-1.5	-0.1	4.2	2.0	6.8		
Q2	-11.6	13.6	8.4	25.3	0.8	4.3	2.4	8.4	1.8	4.3	3.5	-5.5	-1.0	4.8		
Q3	-27.8	4.8	-1.9	21.3	-	15.9	1.3	4.2	1.6	2.9	2.5	-6.4	-2.0	1.8		
Q4	-27.0	7.1	0.4	15.4	-1.2	11.7	2.9	4.1	-1.1	6.2	3.8	-3.5	0.1	2.7		
2016 Q1	-16.8	13.7	8.1	-1.7	2.1	-8.3	5.6	3.9	-0.7	9.1	6.0	-5.4	0.3	2.6		
Q2	-14.4	11.0	6.7	-6.2	8.0	1.8	8.3	4.5	-3.2	3.3	1.3	1.4	1.4	3.4		
Q3	4.6	15.8	14.1	1.2	4.6	-13.4	10.9	8.0	-10.1	4.2	-0.2	-	-0.1	5.0		
Q4	12.0	12.4	12.4	2.7	2.4	-4.7	7.2	6.9	-5.8	5.5	2.1	-0.2	1.0	4.8		
2017 Q1	13.4	8.4	9.1	13.9	6.8	-0.5	11.3	10.0	-7.4	5.6	1.7	4.8	3.2	7.5		
Q2	20.7	6.0	8.0	16.8	-3.6	-7.6	7.6	7.3	-3.4	7.3	4.2	2.3	3.3	5.9		
Q3	17.5	5.8	7.4	10.3	-6.9	9.5	4.9	5.7	1.1	6.7	5.2	4.8	5.0	5.4		
Q4	14.5	12.1	12.4	8.0	-6.2	4.4	0.4	5.6	-1.0	5.5	3.7	3.6	3.6	4.9		
2018 Q1	-5.1	6.9	5.1	3.2	-15.4	11.7	-6.4	-0.6	-3.7	-0.4	-1.3	-	-0.7	-0.7		
Q2	-5.7	4.8	3.2	1.4	-15.0	20.4	-6.2	-1.2	-3.5	1.9	0.4	4.2	2.2	-		
Q3	-0.7	7.9	6.6	3.2	-5.7	2.4	-9.5	-0.2	-3.1	0.1	-0.8	6.5	2.7	0.8		
Q4	0.5	2.6	2.3	6.7	-7.2	8.2	-4.7	0.5	-5.1	-2.9	-3.5	2.1	-0.8	0.1		
2019 Q1	14.3	5.7	6.9	7.4	2.6	9.7	-5.4	3.2	-3.1	3.7	1.9	7.0	4.4	3.6		
Q2	23.7	5.6	8.1	7.3	-2.1	-4.4	-3.0	3.3	-3.1	-3.0	-3.0	1.3	-0.9	1.8		
Q3	12.1	3.9	5.1	6.6	-4.3	6.4	3.0	4.0	2.8	-4.0	-2.2	-1.6	-1.9	1.9		

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

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

%

	Construction Output: Volume Seasonally Adjusted Percentage Change on Same Period a Year Earlier																		
	New Housing				Other New Work				Repair and Maintenance										
	Public housing		Private housing		Total new housing	Infrast-	Excluding Infrastructure		Private industrial		Private commercial		All new work	MV5Z	MV62	MV63	MV64	Non housing R&M	All Repair and Maintenance
	MV4W	MV5U	MVM4	MV5V	MV5W	MV5X	MV5Y	MV5Z	MV62	MV63	MV64	MV65	MV66	MV67					
2013 Nov	23.4	16.9	18.2	1.0	-4.6	-16.6	4.5	5.2	-5.7	11.0	5.1	3.6	4.3	4.9					
Dec	16.7	25.3	23.6	3.9	-3.2	-17.1	2.2	6.7	-3.6	5.1	2.1	8.3	5.2	6.1					
2014 Jan	31.7	42.1	40.0	4.1	1.0	-7.7	4.9	13.4	6.9	14.2	11.7	10.6	11.2	12.5					
Feb	33.3	23.0	24.9	1.1	-4.2	0.9	6.5	9.0	-2.7	14.6	8.7	5.7	7.2	8.3					
Mar	33.0	27.6	28.7	-3.3	0.7	17.9	11.5	12.3	0.3	12.7	8.6	3.9	6.3	9.9					
Apr	34.2	34.4	34.4	-1.0	2.7	22.1	10.3	14.7	0.4	15.0	10.0	14.2	12.0	13.7					
May	41.5	25.8	28.8	1.7	-2.9	23.5	7.2	12.0	2.1	8.4	6.4	7.7	7.1	10.1					
Jun	46.1	24.9	28.9	-7.8	-0.4	29.4	8.8	11.2	10.1	4.8	6.5	10.9	8.7	10.2					
Jul	37.4	27.7	29.5	-2.7	-0.7	26.6	5.8	11.5	8.3	6.9	7.4	7.8	7.6	10.0					
Aug	40.9	30.4	32.5	-3.7	-0.1	16.6	1.8	10.4	4.1	10.3	8.3	5.8	7.1	9.1					
Sep	39.8	28.3	30.5	5.4	-2.7	31.1	0.2	11.4	4.6	4.8	4.7	9.1	6.9	9.7					
Oct	23.0	26.3	25.6	-4.9	5.9	24.3	2.6	9.6	1.4	5.3	4.0	3.4	3.7	7.4					
Nov	17.8	26.3	24.6	2.9	6.7	20.4	9.7	13.2	6.0	2.9	3.9	7.4	5.7	10.3					
Dec	21.9	19.8	20.2	0.8	6.0	16.5	12.6	12.2	2.4	5.6	4.6	4.2	4.4	9.2					
2015 Jan	6.8	10.8	10.0	15.2	3.6	26.0	7.2	10.1	-1.5	-0.9	-1.1	3.9	1.4	6.7					
Feb	5.2	16.0	13.8	14.3	7.0	17.9	6.5	11.0	3.6	-5.4	-2.7	1.8	-0.5	6.6					
Mar	0.9	16.1	13.0	25.9	-2.8	5.5	-2.7	8.0	6.4	1.9	3.3	7.0	5.1	6.9					
Apr	3.9	14.1	12.1	30.2	-0.3	6.5	-0.8	9.5	-0.6	2.1	1.2	-3.4	-1.0	5.5					
May	-15.9	18.1	10.9	23.6	-0.2	6.4	2.2	9.0	5.0	4.3	4.5	-4.0	0.2	5.7					
Jun	-21.3	8.8	2.4	22.1	3.0	-	5.7	6.7	1.0	6.7	4.9	-8.9	-2.2	3.3					
Jul	-22.8	6.5	0.5	25.0	1.3	21.7	2.2	6.4	1.6	4.5	3.6	-2.9	0.3	4.1					
Aug	-31.4	3.9	-3.5	23.0	-0.3	12.8	2.9	4.1	0.3	-1.2	-0.8	-9.3	-5.0	0.6					
Sep	-29.1	3.9	-2.8	16.0	-0.8	13.2	-1.1	2.0	3.0	5.6	4.7	-6.9	-1.1	0.8					
Oct	-28.6	5.2	-1.7	16.1	-2.9	12.9	6.1	4.2	0.4	6.9	4.9	-4.2	0.3	2.8					
Nov	-28.0	4.4	-1.9	6.2	-2.0	16.2	2.5	1.7	-2.8	6.7	3.6	-4.9	-0.7	0.8					
Dec	-24.2	11.8	4.8	24.5	1.5	6.2	0.2	6.5	-0.8	4.8	3.0	-1.4	0.8	4.4					
2016 Jan	-14.6	10.4	5.8	-1.0	5.0	-5.6	7.2	4.2	-1.4	8.9	5.6	-5.8	-0.2	2.6					
Feb	-21.3	15.4	8.4	1.8	-0.6	-14.8	3.2	3.3	2.6	15.1	11.1	-1.3	4.8	3.9					
Mar	-14.4	15.2	9.9	-5.8	2.1	-4.5	6.3	4.0	-3.3	3.8	1.6	-9.1	-3.7	1.2					
Apr	-25.8	12.2	5.3	-9.2	9.5	4.6	10.1	4.1	0.4	4.3	3.1	-0.3	1.5	3.1					
May	-11.4	8.2	5.1	-5.1	10.6	3.4	9.0	4.7	-4.1	2.6	0.5	1.4	0.9	3.3					
Jun	-3.9	12.6	9.9	-4.1	4.2	-2.8	5.9	4.7	-5.8	3.1	0.3	3.2	1.7	3.6					
Jul	-0.5	15.3	12.9	-1.5	6.8	-17.2	9.2	6.5	-8.4	4.1	0.2	-1.4	-0.6	3.9					
Aug	8.6	17.1	15.8	0.2	4.9	-13.7	9.8	8.0	-10.5	3.2	-1.1	2.7	0.7	5.4					
Sep	6.2	14.9	13.6	5.2	2.1	-8.8	13.7	9.4	-11.3	5.3	0.1	-1.1	-0.5	5.8					
Oct	8.5	14.4	13.5	2.3	0.2	-5.8	6.4	6.7	-6.3	-0.5	-2.2	2.2	-0.1	4.2					
Nov	14.2	13.5	13.6	9.0	2.3	-7.7	5.0	7.7	-7.7	5.7	1.6	-1.6	-	4.9					
Dec	13.5	9.7	10.2	-2.6	4.7	-0.2	10.2	6.5	-3.3	11.5	6.9	-1.0	3.0	5.2					
2017 Jan	8.7	10.8	10.5	21.5	7.5	-4.2	6.1	10.2	-8.6	7.6	2.7	3.3	3.0	7.6					
Feb	16.2	6.7	8.0	9.3	5.8	4.7	13.1	9.4	-9.0	2.9	-0.7	3.5	1.3	6.4					
Mar	15.6	7.7	8.8	11.2	7.3	-1.5	14.9	10.4	-4.5	6.3	3.0	7.8	5.3	8.6					
Apr	24.5	3.3	6.0	18.2	-1.3	-13.3	8.6	7.1	-5.3	7.5	3.7	3.2	3.5	5.8					
May	28.3	5.5	8.6	13.7	-3.1	-15.4	8.4	6.9	-4.6	8.8	4.8	2.0	3.5	5.7					
Jun	10.1	9.3	9.4	18.6	-6.3	7.4	5.6	7.9	-0.2	5.7	4.0	1.6	2.8	6.1					
Jul	18.1	4.1	6.1	10.6	-12.2	6.7	4.8	4.4	1.2	7.1	5.4	4.9	5.2	4.7					
Aug	15.6	6.0	7.4	10.7	-3.8	9.4	6.9	6.7	1.6	10.0	7.6	2.8	5.3	6.2					
Sep	18.7	7.1	8.7	9.5	-4.4	12.3	3.0	5.9	0.4	3.3	2.5	6.6	4.5	5.4					
Oct	9.0	8.2	8.3	4.5	-6.7	10.4	0.3	3.7	-0.9	10.4	7.1	0.9	4.1	3.8					
Nov	18.4	11.4	12.4	6.2	-6.8	2.6	1.9	5.6	0.2	6.5	4.8	6.0	5.4	5.5					
Dec	16.1	16.4	16.4	13.3	-5.3	0.4	-1.1	7.5	-2.3	-0.1	-0.7	3.9	1.5	5.4					
2018 Jan	-5.1	6.2	4.6	4.4	-15.4	12.9	-2.3	0.7	1.0	-1.6	-0.9	1.9	0.4	0.6					
Feb	-3.7	11.5	9.3	5.6	-16.3	8.2	-6.7	0.9	-3.7	0.5	-0.6	-2.8	-1.7	-					
Mar	-6.5	3.0	1.6	-0.4	-14.5	14.0	-10.0	-3.5	-8.2	-0.2	-2.4	0.8	-0.9	-2.6					
Apr	-5.0	5.1	3.6	-0.6	-20.4	25.6	-5.5	-1.7	-3.6	-2.0	-2.4	0.6	-1.0	-1.4					
May	-11.9	4.7	2.1	0.2	-12.4	24.0	-6.4	-1.5	-3.9	4.1	1.9	5.6	3.7	0.3					
Jun	0.3	4.5	3.9	4.5	-11.9	12.5	-6.7	-0.3	-3.2	3.6	1.7	6.5	4.0	1.1					
Jul	-1.4	9.8	8.1	2.0	-1.8	9.6	-7.9	1.3	-3.2	2.2	0.7	3.3	2.0	1.5					
Aug	-2.2	6.6	5.3	2.5	-9.4	4.6	-11.2	-1.7	-1.9	-1.5	-1.6	7.9	2.9	-0.1					
Sep	1.4	7.4	6.5	5.2	-5.7	-6.5	-9.2	-0.1	-4.4	-0.4	-1.5	8.4	3.3	1.0					
Oct	2.8	7.9	7.1	14.2	2.1	3.0	-5.3	4.2	-4.2	-2.3	-2.8	6.3	1.5	3.3					
Nov	-3.4	5.7	4.3	7.4	-9.4	8.5	-3.4	1.6	-5.3	-3.6	-4.0	2.2	-1.1	0.7					
Dec	2.2	-5.0	-4.0	-0.7	-13.9	13.6	-5.4	-4.0	-5.8	-2.9	-3.7	-2.2	-2.9	-3.6					
2019 Jan	15.8	5.2	6.6	0.6	0.8	11.8	-10.5	0.2	-5.1	2.8	0.7	6.8	3.6	1.4					
Feb	12.6	5.8	6.6	9.6	4.6	11.8	-6.4	3.6	-0.3	5.4	3.9	8.5	6.1	4.5					
Mar	14.6	6.3	7.4	12.7	2.4	5.8	0.8	6.0	-3.8	2.9	1.1	5.7	3.3	5.1					
Apr	19.9	6.9	8.7	7.2	3.9	-7.6	-3.3	3.7	-3.1	-0.5	-1.2	5.4	2.0	3.1					
May	21.6	7.4	9.4	12.3	-7.3	5.8	-4.5	4.3	-0.2	-3.8	-2.8	-	-1.4	-1.4					
Jun	29.4	2.6	6.3	2.7	-2.5	-11.0	-1.2	1.8	-6.1	-4.5	-4.9	-1.4	-3.2	-					
Jul	9.3	4.3	5.0	7.0	-5.3	-2.4	0.8	2.9	3.5	-6.1	-3.6	1.5	-1.1	1.5					
Aug	14.8	4.0	5.5	3.3	-4.8	8.7	3.8	3.8	0.2	-3.7	-2.7	-1.2	-1.9	1.8					
Sep	12.4	3.4	4.7	9.6	-2.8	13.6	4.4	5.4	4.6	-2.0	-0.3	-4.9	-2.6	2.6					
Oct	23.0	-3.4	0.2	0.9	-10.3	0.9	2.9	0.1	3.9	-3.5	-1.6	-0.2	-0.9	-0.3					
Nov</																			

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

£ million

	Repair and Maintenance															All Repair and Maintenance	All Work		
	New Housing					Other New Work					Repair and Maintenance								
	Excluding Infrastructure			Housing		Other Work													
	Public housing	Private housing	Total new housing	Infrast- ructure	Public	Private industr- ial	Private commer- cial	All new work	Public housing	Private housing	Total housing	Infrast- ructure	Public	Private					
1997	MVM9	MVN2	MVN3	MVN4	MVN5	MVN6	MVN7	MVN8	MVN9	MVN M	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	4 938	16 334	21 271	14 993	13 293	3 349	24 102	77 008	7 195	15 086	22 281	7 598	5 004	8 897	43 781	120 789			
2012	4 049	16 066	20 116	13 988	10 779	3 688	22 366	70 936	7 675	14 921	22 596	7 704	4 951	9 173	44 424	115 360			
2013	4 323	18 088	22 410	14 845	10 206	3 489	23 563	74 514	7 625	16 046	23 671	7 925	5 352	9 673	46 621	121 135			
2014	5 809	23 717	29 525	15 203	10 512	4 186	25 982	85 408	7 925	17 661	25 585	8 658	5 539	10 632	50 414	135 822			
2015	4 908	26 261	31 169	18 447	10 706	4 728	26 982	92 033	8 014	18 162	26 176	8 267	4 875	10 985	50 303	142 335			
2016	4 803	30 564	35 367	18 445	11 473	4 586	29 946	99 818	7 709	19 399	27 108	7 982	4 908	11 655	51 654	151 472			
2017	5 809	34 301	40 110	20 840	11 442	4 812	32 478	109 681	7 628	20 982	28 610	8 566	5 014	12 469	54 658	164 340			
2018	5 869	37 568	43 437	22 357	10 520	5 511	31 299	113 124	7 450	21 244	28 693	9 069	4 864	13 394	56 020	169 144			

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

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

£ million

	Repair and Maintenance																	
	New Housing						Other New Work						Repair and Maintenance					
	Excluding Infrastructure			Housing			Other Work			All Repair and Maintenance								
	Public housing	Private housing	Total new housing	Infrast- ructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Infrast- ructure	Public	Private	MVO4	MVO5	All Work	
2004 Q4	MVM9 558	MVN2 4 907	MVN3 5 465	MVN4 1 952	MVN5 2 138	MVN6 1 313	MVN7 6 361	MVN8 17 228	MVN9 1 650	MVN10 3 019	MVO2 4 669	N42T –	N42U 1 842	N42V 3 058	MVO4 9 569	MVO5 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	1 315	4 095	5 410	3 586	3 669	813	5 792	19 270	1 825	3 723	5 548	1 903	1 255	2 244	10 950	30 221		
Q2	1 265	4 045	5 309	3 925	3 363	850	6 006	19 452	1 796	3 717	5 513	1 847	1 229	2 171	10 759	30 212		
Q3	1 202	4 122	5 323	3 708	3 198	823	6 112	19 164	1 767	3 720	5 488	1 928	1 254	2 221	10 891	30 055		
Q4	1 156	4 072	5 228	3 774	3 063	864	6 192	19 121	1 807	3 926	5 733	1 920	1 266	2 261	11 180	30 301		
2012 Q1	1 092	4 269	5 360	3 451	2 887	879	5 680	18 257	1 841	3 880	5 721	1 927	1 286	2 340	11 273	29 531		
Q2	967	3 922	4 889	3 297	2 718	893	5 797	17 596	1 890	3 673	5 562	2 034	1 206	2 274	11 077	28 672		
Q3	1 004	3 864	4 869	3 564	2 626	918	5 392	17 368	1 968	3 705	5 673	1 847	1 216	2 299	11 035	28 403		
Q4	986	4 011	4 997	3 676	2 548	998	5 497	17 715	1 976	3 663	5 639	1 896	1 243	2 261	11 039	28 754		
2013 Q1	979	4 155	5 134	3 607	2 460	924	5 607	17 733	1 905	3 782	5 687	1 912	1 299	2 261	11 159	28 892		
Q2	1 028	4 327	5 355	3 656	2 561	852	5 702	18 126	1 895	3 946	5 841	1 880	1 347	2 455	11 523	29 649		
Q3	1 092	4 644	5 736	3 658	2 634	852	6 144	19 025	1 893	4 140	6 033	2 051	1 363	2 480	11 927	30 952		
Q4	1 224	4 961	6 185	3 924	2 551	861	6 110	19 630	1 932	4 178	6 110	2 082	1 344	2 477	12 012	31 642		
2014 Q1	1 334	5 547	6 880	3 799	2 530	993	6 393	20 596	1 972	4 424	6 396	2 143	1 355	2 548	12 442	33 038		
Q2	1 463	5 796	7 260	3 690	2 606	1 080	6 425	21 061	1 967	4 400	6 367	2 120	1 443	2 703	12 633	33 694		
Q3	1 534	6 160	7 693	3 752	2 652	1 071	6 491	21 659	2 000	4 487	6 487	2 176	1 430	2 715	12 809	34 468		
Q4	1 478	6 214	7 692	3 961	2 723	1 041	6 674	22 092	1 986	4 350	6 336	2 219	1 310	2 665	12 531	34 623		
2015 Q1	1 396	6 325	7 720	4 538	2 616	1 159	6 643	22 676	2 014	4 337	6 351	2 310	1 249	2 681	12 591	35 267		
Q2	1 310	6 696	8 006	4 669	2 667	1 139	6 668	23 149	1 995	4 574	6 569	2 043	1 156	2 701	12 470	35 619		
Q3	1 115	6 502	7 617	4 617	2 695	1 257	6 678	22 864	2 030	4 610	6 640	1 996	1 186	2 751	12 573	35 438		
Q4	1 088	6 738	7 826	4 623	2 729	1 173	6 993	23 343	1 975	4 640	6 615	1 917	1 284	2 852	12 669	36 012		
2016 Q1	1 185	7 330	8 514	4 524	2 730	1 081	7 184	24 033	2 017	4 775	6 791	1 847	1 247	2 857	12 742	36 775		
Q2	1 148	7 606	8 754	4 469	2 959	1 195	7 410	24 788	1 951	4 777	6 728	2 088	1 253	2 881	12 949	37 737		
Q3	1 204	7 735	8 939	4 682	2 902	1 134	7 614	25 271	1 850	4 869	6 719	1 986	1 208	2 923	12 836	38 107		
Q4	1 267	7 893	9 160	4 769	2 883	1 176	7 738	25 726	1 892	4 978	6 870	2 061	1 200	2 995	13 126	38 852		
2017 Q1	1 391	8 130	9 521	5 130	2 983	1 122	8 173	26 929	1 902	5 145	7 046	2 107	1 271	3 109	13 533	40 463		
Q2	1 435	8 390	9 826	5 181	2 910	1 143	8 132	27 191	1 923	5 230	7 153	2 097	1 292	3 063	13 604	40 795		
Q3	1 475	8 609	10 084	5 272	2 734	1 281	8 199	27 569	1 904	5 290	7 195	2 168	1 269	3 101	13 732	41 301		
Q4	1 508	9 172	10 680	5 257	2 815	1 267	7 974	27 992	1 899	5 317	7 216	2 194	1 183	3 196	13 789	41 781		
2018 Q1	1 372	9 002	10 374	5 432	2 577	1 298	7 898	27 579	1 858	5 179	7 036	2 159	1 109	3 241	13 545	41 125		
Q2	1 421	9 229	10 650	5 474	2 580	1 436	7 928	28 067	1 885	5 420	7 305	2 332	1 176	3 364	14 177	42 244		
Q3	1 512	9 575	11 086	5 609	2 678	1 357	7 629	28 359	1 874	5 389	7 263	2 296	1 324	3 436	14 319	42 678		
Q4	1 565	9 762	11 328	5 842	2 686	1 420	7 844	29 119	1 833	5 256	7 089	2 282	1 255	3 353	13 978	43 097		
2019 Q1	1 618	9 778	11 395	6 071	2 755	1 477	7 717	29 415	1 829	5 454	7 283	2 429	1 277	3 414	14 403</			

# 4.A.M CONSTRUCTION OUTPUT: VALUE SEASONALLY ADJUSTED

## CURRENT PRICES BY SECTOR

£ million

	Repair and Maintenance																		
	New Housing						Other New Work						Repair and Maintenance						
	Excluding Infrastructure			Housing			Other Work			All Repair and Maintenance			All Work						
	Public housing	Private housing	Total new housing	Infrastruc-	Private Public	Private industrial	All new work	Public housing	Private housing	Total housing	Infrastruc-	Public	Private	MVO4	MVO5				
2013 Nov	MVM9 412	MVN2 398	MVN3 1 632	MVN4 2 044	MVN5 1 300	MVN6 849	MVN7 284	MVN8 2 018	MVN9 6 495	MVN1M 641	MVO2 2 058	N42T 681	N42U 452	N42V 820	MVO4 4 012	MVO5 10 507			
Dec	398	1 730	2 128	1 300	856	303	2 016	6 602	644	1 370	2 014	710	430	826	3 979	10 581			
2014 Jan	436	1 933	2 369	1 289	833	309	2 102	6 902	682	1 459	2 141	725	457	836	4 160	11 062			
Feb	451	1 771	2 222	1 287	843	332	2 100	6 783	642	1 481	2 123	712	444	855	4 134	10 917			
Mar	447	1 842	2 289	1 223	855	353	2 191	6 911	648	1 484	2 132	706	454	857	4 148	11 059			
Apr	459	1 924	2 383	1 220	889	358	2 155	7 006	663	1 493	2 156	700	489	882	4 227	11 233			
May	492	1 917	2 408	1 248	840	357	2 126	6 980	643	1 460	2 103	700	469	882	4 155	11 134			
Jun	512	1 956	2 468	1 222	877	364	2 144	7 075	661	1 448	2 108	720	485	938	4 252	11 327			
Jul	499	2 037	2 536	1 244	865	357	2 169	7 171	662	1 470	2 132	713	459	904	4 207	11 379			
Aug	524	2 028	2 552	1 237	898	360	2 140	7 187	672	1 546	2 218	726	460	908	4 312	11 499			
Sep	511	2 094	2 605	1 272	888	354	2 181	7 301	666	1 471	2 137	737	512	903	4 289	11 591			
Oct	511	2 052	2 563	1 284	920	343	2 168	7 276	654	1 461	2 115	760	439	844	4 158	11 435			
Nov	485	2 101	2 587	1 361	907	345	2 238	7 438	676	1 448	2 124	748	425	919	4 215	11 654			
Dec	482	2 060	2 543	1 317	896	353	2 268	7 378	655	1 441	2 097	711	447	903	4 157	11 534			
2015 Jan	462	2 135	2 597	1 466	831	384	2 216	7 494	667	1 439	2 106	769	420	892	4 187	11 681			
Feb	475	2 036	2 511	1 469	909	394	2 246	7 528	660	1 393	2 053	719	414	895	4 081	11 609			
Mar	459	2 154	2 613	1 603	876	381	2 181	7 654	686	1 505	2 191	822	415	894	4 322	11 976			
Apr	482	2 241	2 724	1 604	876	387	2 168	7 758	656	1 519	2 175	711	394	892	4 173	11 932			
May	420	2 264	2 684	1 558	880	384	2 205	7 710	673	1 516	2 189	664	381	907	4 141	11 851			
Jun	408	2 190	2 598	1 508	911	368	2 296	7 681	665	1 540	2 205	669	381	901	4 155	11 836			
Jul	389	2 161	2 550	1 586	901	439	2 253	7 729	671	1 531	2 202	709	385	919	4 215	11 945			
Aug	362	2 163	2 525	1 537	884	412	2 241	7 600	673	1 526	2 198	654	389	893	4 134	11 734			
Sep	364	2 178	2 542	1 494	909	406	2 184	7 535	686	1 553	2 240	633	412	939	4 224	11 758			
Oct	369	2 211	2 580	1 519	893	392	2 339	7 722	660	1 566	2 226	629	417	937	4 209	11 932			
Nov	353	2 201	2 554	1 471	912	404	2 345	7 687	660	1 554	2 214	647	441	944	4 246	11 933			
Dec	366	2 327	2 692	1 633	923	378	2 308	7 934	655	1 520	2 175	642	426	971	4 214	12 148			
2016 Jan	405	2 355	2 759	1 479	924	370	2 451	7 983	663	1 579	2 242	615	432	952	4 242	12 225			
Feb	383	2 450	2 833	1 524	915	342	2 379	7 993	684	1 618	2 302	624	428	953	4 307	12 300			
Mar	397	2 525	2 922	1 520	891	369	2 354	8 056	670	1 577	2 247	608	387	951	4 194	12 250			
Apr	368	2 553	2 921	1 486	1 003	416	2 454	8 280	665	1 601	2 265	717	417	962	4 361	12 641			
May	380	2 521	2 901	1 511	990	409	2 467	8 279	653	1 571	2 224	696	422	945	4 288	12 566			
Jun	400	2 531	2 931	1 473	967	370	2 488	8 229	634	1 605	2 239	674	414	973	4 300	12 530			
Jul	397	2 549	2 946	1 547	991	376	2 515	8 376	622	1 610	2 232	667	401	965	4 265	12 642			
Aug	406	2 599	3 005	1 554	963	370	2 534	8 427	610	1 598	2 209	662	406	991	4 268	12 695			
Sep	400	2 588	2 988	1 581	947	387	2 564	8 468	618	1 661	2 278	657	400	967	4 302	12 770			
Oct	415	2 625	3 041	1 555	923	387	2 569	8 475	628	1 583	2 212	691	402	1 017	4 320	12 796			
Nov	419	2 617	3 036	1 619	969	393	2 543	8 560	620	1 674	2 294	678	391	989	4 352	12 911			
Dec	433	2 651	3 084	1 596	990	396	2 625	8 692	644	1 721	2 365	692	407	990	4 454	13 146			
2017 Jan	454	2 693	3 147	1 770	1 007	370	2 667	8 962	617	1 732	2 348	695	422	1 006	4 471	13 434			
Feb	461	2 624	3 084	1 661	996	374	2 750	8 864	633	1 697	2 331	716	429	1 029	4 504	13 369			
Mar	477	2 813	3 290	1 699	980	378	2 756	9 103	652	1 715	2 367	696	420	1 074	4 558	13 660			
Apr	472	2 723	3 195	1 733	999	373	2 705	9 005	642	1 752	2 393	690	438	1 022	4 544	13 549			
May	504	2 773	3 278	1 724	966	360	2 732	9 059	635	1 746	2 382	692	434	1 045	4 552	13 611			
Jun	460	2 894	3 353	1 725	945	410	2 695	9 128	646	1 732	2 378	714	419	996	4 508	13 635			
Jul	488	2 800	3 288	1 739	862	414	2 706	9 009	641	1 757	2 399	709	456	1 036	4 600	13 609			
Aug	488	2 905	3 393	1 767	943	418	2 778	9 299	632	1 789	2 420	712	415	1 012	4 559	13 858			
Sep	499	2 904	3 402	1 766	929	449	2 715	9 261	631	1 744	2 376	747	398	1 052	4 573	13 833			
Oct	471	2 971	3 442	1 673	903	440	2 637	9 095	632	1 778	2 410	713	389	1 060	4 572	13 667			
Nov	514	3 067	3 580	1 749	903	413	2 655	9 300	630	1 810	2 440	742	412	1 072	4 666	13 967			
Dec	523	3 135	3 657	1 835	1 009	413	2 682	9 597	637	1 729	2 366	740	381	1 064	4 551	14 148			
2018 Jan	447	2 971	3 418	1 893	870	435	2 686	9 302	631	1 724	2 355	749	364	1 081	4 549	13 851			
Feb	459	3 016	3 475	1 791	856	417	2 641	9 179	618	1 725	2 344	720	358	1 065	4 486	13 665			
Mar	465	3 015	3 480	1 749	851	447	2 571	9 098	608	1 730	2 337	691	386	1 096	4 510	13 608			
Apr	469	3 012	3 481	1 798	839	486	2 666	9 271	628	1 749	2 377	754	368	1 140	4 640	13 911			
May	465	3																	

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

£ million

	New Housing															Other New Work			Repair and Maintenance					Other Work			All Repair and Maintenance	All Work
	Excluding Infrastructure					Housing										All												
	Public housing	Private housing	Total new housing	Infrast- ructure	Public	Private industri- al	Private commer- cial	All new work	Public housing	Private housing	Total housing	Infrast- ructure	Public	Private														
	MV6L	MV6M	MVM5	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV72	MV72	MV72	MV72	MV72	MV72	MV72	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	60 990	60 990	60 990	60 990	60 990	60 990	60 990	60 990	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	64 825	64 825	64 825	64 825	64 825	64 825	64 825	64 825	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	68 581	68 581	68 581	68 581	68 581	68 581	68 581	68 581	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	72 711	72 711	72 711	72 711	72 711	72 711	72 711	72 711	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	77 960	77 960	77 960	77 960	77 960	77 960	77 960	77 960	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	87 220	87 220	87 220	87 220	87 220	87 220	87 220	87 220	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	97 258	97 258	97 258	97 258	97 258	97 258	97 258	97 258	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	106 658	106 658	106 658	106 658	106 658	106 658	106 658	106 658	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	111 493	111 493	111 493	111 493	111 493	111 493	111 493	111 493	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	118 321	118 321	118 321	118 321	118 321	118 321	118 321	118 321	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	127 064	127 064	127 064	127 064	127 064	127 064	127 064	127 064	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	128 644	128 644	128 644	128 644	128 644	128 644	128 644	128 644	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	111 083	111 083	111 083	111 083	111 083	111 083	111 083	111 083	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	117 385	117 385	117 385	117 385	117 385	117 385	117 385	117 385	117 385			
2011	4 938	16 334	21 271	14 993	13 293	3 349	24 102	77 008	7 195	15 086	22 281	7 598	5 004	8 897	43 781	120 789	120 789	120 789	120 789	120 789	120 789	120 789	120 789	120 789	120 789			
2012	4 049	16 066	20 116	13 988	10 779	3 688	22 366	70 936	7 675	14 921	22 596	7 704	4 951	9 173	44 424	115 360	115 360	115 360	115 360	115 360	115 360	115 360	115 360	115 360	115 360			
2013	4 323	18 088	22 410	14 845	10 206	3 489	23 563	74 514	7 625	16 046	23 671	7 925	5 352	9 673	46 621	121 135	121 135	121 135	121 135	121 135	121 135	121 135	121 135	121 135	121 135			
2014	5 809	23 717	29 525	15 203	10 512	4 186	25 982	85 408	7 925	17 661	25 585	8 658	5 539	10 632	50 414	135 822	135 822	135 822	135 822	135 822	135 822	135 822	135 822	135 822	135 822			
2015	4 908	26 261	31 169	18 447	10 706	4 728	26 982	92 033	8 014	18 162	26 176	8 267	4 875	10 985	50 303	142 335	142 335	142 335	142 335	142 335	142 335	142 335	142 335	142 335	142 335			
2016	4 803	30 564	35 367	18 445	11 473	4 586	29 946	99 818	7 709	19 399	27 108	7 982	4 908	11 655	51 654	151 472	151 472	151 472	151 472	151 472	151 472	151 472	151 472	151 472	151 472			
2017	5 809	34 301	40 110	20 840	11 442	4 812	32 478	109 681	7 628	20 982	28 610	8 566	5 014	12 469	54 658	164 340	164 340	164 340	164 340	164 340	164 340	164 340	164 340	164 340	164 340			
2018	5 869	37 568	43 437	22 357	10 520	5 511	31 299	113 124	7 450	21 244	28 693	9 069	4 864	13 394	56 020	169 144	169 144	169 144	169 144	169 144	169 144	169 144	169 144	169 144	169 144			

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.

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

£ million

	New Housing															Other New Work			Repair and Maintenance					Other Work			
	Excluding Infrastructure					Housing										All Repair and Maintenance											
	Public housing		Private housing		Total new housing	Infrast-		Public		Private industrial		Private commercial		All new work	Public housing	Private housing	Total housing	Infrast-	Public	Private	MV6X	MV6Y	MV6Z	MV72			
	MV6L	MV6M	MV5M	MV5T	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV6X	MV6Y	MV6Z	MV6X	MV6Y	MV6Z	MV72				
2004 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	1 252	3 672	4 924	3 422	3 409	794	5 433	17 982	1 922	3 446	5 368	1 850	1 208	2 184	10 610	28 593											
Q2	1 301	4 242	5 543	3 950	3 336	868	5 938	19 636	1 727	3 679	5 405	1 833	1 131	2 143	10 513	30 148											
Q3	1 212	4 250	5 461	3 793	3 466	828	6 399	19 948	1 755	3 829	5 584	2 013	1 438	2 307	11 342	31 290											
Q4	1 173	4 170	5 343	3 827	3 082	859	6 331	19 442	1 792	4 132	5 924	1 902	1 228	2 262	11 316	30 758											
2012 Q1	1 021	3 870	4 891	3 292	2 708	855	5 417	17 163	1 949	3 615	5 564	1 934	1 258	2 298	11 054	28 216											
Q2	1 013	4 131	5 145	3 310	2 677	911	5 722	17 764	1 817	3 634	5 451	2 009	1 108	2 237	10 805	28 569											
Q3	1 013	3 937	4 951	3 635	2 818	934	5 589	17 926	1 948	3 786	5 734	1 890	1 385	2 359	11 368	29 294											
Q4	1 002	4 127	5 129	3 751	2 576	988	5 639	18 083	1 961	3 886	5 847	1 871	1 201	2 279	11 198	29 281											
2013 Q1	898	3 683	4 581	3 441	2 267	886	5 274	16 450	1 997	3 450	5 447	1 886	1 246	2 175	10 753	27 203											
Q2	1 083	4 577	5 661	3 653	2 516	867	5 626	18 322	1 825	3 961	5 786	1 863	1 246	2 423	11 318	29 640											
Q3	1 101	4 706	5 808	3 754	2 850	874	6 398	19 684	1 881	4 249	6 130	2 094	1 541	2 565	12 331	32 015											
Q4	1 240	5 121	6 361	3 997	2 573	862	6 265	20 058	1 922	4 387	6 308	2 082	1 318	2 510	12 219	32 277											
2014 Q1	1 270	5 096	6 366	3 636	2 323	945	6 045	19 314	2 055	4 144	6 200	2 112	1 287	2 455	12 053	31 367											
Q2	1 500	6 000	7 501	3 675	2 554	1 098	6 355	21 183	1 906	4 363	6 269	2 104	1 321	2 669	12 363	33 546											
Q3	1 543	6 253	7 796	3 854	2 887	1 119	6 772	22 428	2 007	4 603	6 609	2 221	1 646	2 801	13 276	35 704											
Q4	1 495	6 368	7 863	4 039	2 748	1 023	6 810	22 484	1 957	4 551	6 507	2 222	1 286	2 707	12 722	35 206											
2015 Q1	1 314	5 844	7 159	4 378	2 402	1 106	6 297	21 343	2 118	4 050	6 168	2 301	1 184	2 584	12 236	33 579											
Q2	1 364	6 921	8 285	4 639	2 612	1 156	6 615	23 307	1 938	4 543	6 481	2 031	1 061	2 662	12 235	35 543											
Q3	1 125	6 548	7 673	4 726	2 946	1 298	6 960	23 602	2 021	4 734	6 755	2 018	1 384	2 842	12 999	36 601											
Q4	1 105	6 948	8 053	4 703	2 747	1 167	7 110	23 780	1 937	4 834	6 771	1 917	1 246	2 898	12 833	36 613											
2016 Q1	1 095	6 796	7 891	4 377	2 532	1 031	6 890	22 721	2 137	4 434	6 571	1 851	1 179	2 789	12 391	35 112											
Q2	1 209	7 882	9 091	4 432	2 873	1 212	7 348	24 956	1 895	4 814	6 709	2 075	1 154	2 823	12 761	37 717											
Q3	1 214	7 820	9 033	4 801	3 181	1 178	7 916	26 110	1 840	5 004	6 844	2 014	1 416	3 014	13 288	39 397											
Q4	1 286	8 066	9 352	4 834	2 887	1 166	7 792	26 031	1 838	5 146	6 984	2 042	1 159	3 029	13 215	39 246											
2017 Q1	1 318	7 684	9 002	4 988	2 774	1 051	7 809	25 624	2 001																		

# 4M CONSTRUCTION OUTPUT: VALUE NON-SEASONALLY ADJUSTED

## CURRENT PRICES BY SECTOR

£ million

	New Housing															Other New Work				Repair and Maintenance				Other Work			
	New Housing					Other New Work					Repair and Maintenance				Other Work				Repair and Maintenance				Other Work				
	Public housing		Private housing		Total new housing	Infras- tructure		Private industrial		Private commercial		All new work	Public housing		Private housing		Total housing	Infras- tructure		Public		Private		All Repair and Maintenance			
	MV6L	MV6M	MV6N	MV6O	MV6P	MV6Q	MV6R	MV6S	MV6T	MV6V	MV6W	MV6X	MV6Y	MV6Z	MV72												
2013 Nov	426	1 690	2 116	1 348	MV6M	880	284	2 120	6 748	667	1 533	2 200	456	850	4 195	10 943											
	389	1 628	2 018	1 207	778	286	1 838	6 126	571	1 302	1 872	652	369	758	3 651	9 776											
2014	369	1 648	2 016	1 134	710	259	1 887	6 006	638	1 277	1 914	660	399	752	3 726	9 732											
	417	1 604	2 022	1 187	736	329	1 950	6 223	650	1 362	2 012	678	409	819	3 918	10 141											
	484	1 844	2 328	1 315	877	357	2 208	7 085	767	1 506	2 273	773	479	884	4 409	11 495											
	432	1 906	2 338	1 202	852	350	2 093	6 836	629	1 441	2 071	684	459	866	4 080	10 916											
	497	1 946	2 443	1 245	826	369	2 101	6 984	620	1 440	2 060	696	419	864	4 039	11 023											
	571	2 148	2 720	1 229	876	379	2 161	7 364	657	1 482	2 139	724	442	939	4 244	11 608											
	499	2 145	2 645	1 299	948	381	2 299	7 572	669	1 573	2 242	749	505	929	4 425	11 997											
	517	1 979	2 496	1 240	989	360	2 171	7 257	654	1 497	2 152	736	572	910	4 369	11 626											
	527	2 128	2 655	1 314	949	378	2 302	7 599	684	1 532	2 216	736	569	961	4 482	12 081											
	520	2 265	2 785	1 404	989	346	2 406	7 929	684	1 626	2 310	820	477	919	4 525	12 453											
	498	2 141	2 639	1 385	925	351	2 293	7 592	688	1 538	2 226	751	417	939	4 333	11 926											
	477	1 962	2 440	1 250	835	327	2 111	6 962	585	1 387	1 972	651	392	850	3 864	10 827											
2015	391	1 808	2 199	1 290	700	326	1 964	6 480	620	1 229	1 849	691	356	791	3 688	10 168											
	438	1 862	2 300	1 370	794	384	2 102	6 950	668	1 271	1 939	686	381	857	3 864	10 814											
	484	2 174	2 659	1 718	908	397	2 231	7 913	830	1 550	2 380	923	446	935	4 685	12 598											
	470	2 265	2 735	1 584	839	374	2 118	7 649	623	1 471	2 094	699	363	875	4 030	11 680											
	425	2 238	2 663	1 527	852	382	2 147	7 571	636	1 466	2 102	652	342	870	3 966	11 537											
	469	2 418	2 887	1 528	921	400	2 350	8 087	679	1 607	2 285	680	357	917	4 239	12 326											
	390	2 269	2 659	1 645	993	448	2 383	8 128	672	1 643	2 315	740	428	945	4 427	12 555											
	354	2 073	2 426	1 542	981	419	2 274	7 641	644	1 476	2 119	645	470	896	4 130	11 771											
	381	2 206	2 587	1 540	972	431	2 303	7 833	706	1 615	2 321	633	486	1 001	4 442	12 275											
	375	2 406	2 781	1 620	941	403	2 528	8 274	680	1 705	2 384	666	442	999	4 492	12 767											
	365	2 274	2 638	1 515	945	408	2 430	7 937	666	1 675	2 341	657	425	982	4 404	12 341											
	365	2 268	2 633	1 568	861	356	2 152	7 570	591	1 455	2 046	594	379	916	3 936	11 505											
2016	331	1 967	2 298	1 282	768	308	2 133	6 789	604	1 345	1 950	546	367	837	3 699	10 489											
	343	2 264	2 607	1 433	832	339	2 319	7 530	708	1 499	2 207	614	396	947	4 163	11 693											
	421	2 565	2 986	1 663	932	384	2 438	8 402	824	1 590	2 415	692	416	1 005	4 528	12 930											
	360	2 575	2 935	1 444	935	394	2 359	8 067	627	1 584	2 212	689	393	923	4 216	12 283											
	386	2 520	2 906	1 500	971	423	2 450	8 251	621	1 552	2 173	692	366	918	4 149	12 399											
	463	2 787	3 250	1 488	967	395	2 538	8 639	646	1 678	2 324	694	396	982	4 396	13 035											
	398	2 594	2 992	1 566	1 056	385	2 554	8 554	608	1 674	2 282	674	433	959	4 348	12 902											
	396	2 567	2 963	1 603	1 111	385	2 664	8 726	599	1 608	2 206	666	519	1 023	4 414	13 140											
	419	2 659	3 078	1 631	1 014	408	2 698	8 830	633	1 722	2 356	674	464	1 032	4 526	13 355											
	420	2 759	3 179	1 636	955	400	2 708	8 878	626	1 697	2 323	714	408	1 065	4 509	13 387											
	429	2 739	3 169	1 686	1 020	405	2 675	8 955	637	1 829	2 466	696	399	1 043	4 605	13 560											
	436	2 568	3 004	1 512	913	360	2 410	8 199	575	1 620	2 195	632	352	921	4 100	12 299											
2017	380	2 321	2 701	1 581	859	325	2 375	7 841	565	1 526	2 092	629	347	911	3 979	11 820											
	418	2 441	2 859	1 566	881	352	2 579	8 238	639	1 567	2 206	687	393	984	4 271	12 509											
	520	2 922	3 442	1 840	1 034	375	2 855	9 545	796	1 781	2 577	798	467	1 131	4 973	14 518											
	440	2 648	3 088	1 661	924	360	2 588	8 621	598	1 645	2 243	661	390	967	4 261	12 882											
	511	2 777	3 288	1 748	976	369	2 785	9 165	613	1 774	2 387	690	382	1 036	4 495	13 660											
	530	3 161	3 690	1 743	946	438	2 770	9 588	668	1 808	2 476	744	402	1 004	4 627	14 215											
	487	2 830	3 317	1 767	943	431	2 748	9 207	627	1 823	2 450	702	473	1 038	4 663	13 870											
	476	2 910	3 386	1 821	1 102	441	2 928	9 678	630	1 799	2 429	724	547	1 051	4 751	14 429											
	519	2 907	3 426	1 790	984	465	2 802	9 468	639	1 773	2 412	743	465	1 111	4 731	14 199											
	474	3 166	3 640	1 775	946	472	2 820	9 653	646	1 915	2 561	757	407	1 127	4 852	14 505											
	524	3 216	3 741	1 817	940	418	2 791	9 707	643	1 970	2 613	762	412	1 129	4 916	14 623											
	530	3 002	3 532	1 729	905	367	2 437	8 970	562	1 602	2 164	669	329	978	4 140	13 111											
2018	370	2 605	2 974	1 738	763	373	2 476	8 324	594	1 542	2 136	680	294</														

# 3MOMSA

## CONSTRUCTION OUTPUT: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE 3 MONTHS ON PREVIOUS 3 MONTHS

%

	New Housing				Other New Work				Repair and Maintenance								
	Public housing		Private housing		Total new housing	Infrastructure		Excluding Infrastructure		Housing				Non housing R&M		All Repair and Maintenance	All Work
	Public	Private	housing	housing		Public	Industrial	Commercial	All new work	Public	Private	Total	housing	R&M			
2013 Nov	MVO6 10.1 11.3	MVO7 3.9 5.5	MVO8 5.1 6.6	MVO9 -0.2 5.2	MVP2 -0.9 -4.6	MVP3 -5.0 0.3	MVP4 3.2 -2.8	MV6U 2.2 1.5	N3OZ 3.8 1.9	N3P2 1.2 -0.4	N3P3 2.0 0.3	N3P4 1.2 1.4	N3P5 1.6 0.8	N3P6 2.0 1.3			
Dec																	
2014 Jan	7.2	9.8	9.3	1.1	-5.5	4.4	-4.2	1.2	1.7	0.7	1.0	-	0.5	0.9			
Feb	6.1	10.6	9.7	-0.9	-4.8	13.1	-2.1	2.1	1.9	2.1	2.0	0.9	1.5	1.9			
Mar	7.4	9.6	9.2	-4.0	-1.1	15.1	3.9	3.9	1.9	6.2	4.8	-0.3	2.3	3.3			
Apr	8.7	4.9	5.7	-3.4	2.8	17.4	5.9	4.1	-0.7	5.3	3.4	0.6	2.0	3.3			
May	9.9	4.6	5.6	-3.0	3.9	14.4	5.4	4.1	-0.5	3.2	2.0	1.5	1.8	3.2			
Jun	11.1	5.6	6.7	-2.6	3.6	9.3	0.8	2.9	-	-0.5	-0.4	5.4	2.5	2.8			
Jul	11.8	6.2	7.3	-0.9	1.1	3.2	-0.5	2.4	0.9	-1.9	-1.0	4.2	1.6	2.1			
Aug	10.0	6.3	7.0	-0.7	1.6	0.8	-1.0	2.2	2.1	0.6	1.1	4.3	2.7	2.4			
Sep	5.0	5.5	5.4	1.2	1.1	-1.3	0.6	2.3	1.7	2.1	2.0	0.9	1.5	2.0			
Oct	2.9	4.9	4.5	2.0	2.8	-2.2	0.6	2.3	1.5	2.6	2.3	1.2	1.8	2.1			
Nov	-1.6	3.3	2.3	5.7	2.6	-4.0	1.9	2.5	0.4	-1.6	-1.0	-0.2	-0.6	1.3			
Dec	-3.5	1.6	0.6	5.2	2.5	-3.1	2.6	2.0	-0.4	-3.0	-2.2	-1.0	-1.6	0.7			
2015 Jan	-7.8	1.5	-0.4	8.9	-1.3	2.1	3.7	2.4	0.6	-3.4	-2.2	-0.9	-1.5	0.9			
Feb	-6.8	0.5	-1.0	8.2	-2.7	8.5	2.3	1.8	-0.6	-2.5	-1.9	-2.2	-2.1	0.4			
Mar	-7.4	0.9	-0.7	14.2	-4.5	10.9	-0.5	2.1	1.5	-	0.5	-1.0	-0.3	1.2			
Apr	-2.6	2.1	1.2	12.1	-1.4	6.5	-2.7	2.0	0.1	2.3	1.6	-2.8	-0.6	1.0			
May	-5.0	5.2	3.3	11.4	-2.6	1.1	-3.5	2.0	1.6	6.5	4.9	-2.0	1.4	1.8			
Jun	-5.8	5.0	3.0	3.1	1.9	-1.7	-0.3	1.7	-1.0	5.3	3.3	-4.4	-0.5	0.9			
Jul	-13.4	2.2	-0.7	-0.8	1.3	2.7	1.8	0.4	0.3	3.7	2.6	-3.0	-0.1	0.2			
Aug	-14.2	-2.7	-4.7	-3.2	4.1	5.8	3.0	-0.7	-0.5	1.1	0.6	-2.9	-1.1	-0.8			
Sep	-14.3	-2.8	-4.7	-2.1	0.3	9.7	-0.4	-1.7	1.5	0.7	0.9	-0.1	0.5	-0.9			
Oct	-9.6	-1.4	-2.7	-2.3	-	1.1	-0.1	-1.4	0.2	1.2	0.9	-0.3	0.3	-0.8			
Nov	-6.0	1.5	0.3	-3.5	-0.7	-1.7	0.8	-0.5	-0.4	1.4	0.9	1.7	1.3	0.1			
Dec	-2.3	3.9	3.0	0.2	1.2	-6.6	4.2	2.0	-3.0	0.1	-0.9	2.0	0.5	1.5			
2016 Jan	1.7	5.9	5.3	0.7	1.5	-4.9	4.3	3.1	-2.3	-0.5	-1.1	2.0	0.4	2.1			
Feb	4.2	8.2	7.7	3.5	1.2	-9.7	3.3	3.9	-0.6	0.4	0.1	0.3	0.2	2.5			
Mar	5.5	7.1	6.9	-2.8	-1.3	-9.0	2.0	1.8	1.8	2.8	2.5	-3.0	-0.2	1.1			
Apr	-0.3	7.1	6.0	-2.2	0.8	-3.7	0.4	1.7	1.7	3.0	2.6	-2.3	0.2	1.2			
May	-1.9	4.5	3.6	-3.6	2.7	7.8	1.1	1.6	-0.9	0.7	0.2	-1.9	-0.8	0.7			
Jun	-3.1	2.5	1.7	-1.6	7.8	9.2	2.3	2.3	-3.5	-0.3	-1.2	2.6	0.6	1.7			
Jul	3.1	0.2	0.6	0.3	4.7	1.5	3.3	1.8	-5.7	-0.5	-2.0	1.7	-0.3	1.1			
Aug	5.2	0.1	0.8	2.0	2.0	-7.7	2.8	1.3	-6.5	1.0	-1.3	1.3	-0.1	0.8			
Sep	4.8	1.4	1.9	5.7	-2.9	-6.7	2.0	1.6	-5.7	1.5	-0.6	-1.4	-1.0	0.7			
Oct	3.0	1.6	1.8	3.9	-4.4	-2.6	1.6	1.2	-3.3	0.6	-0.5	-0.1	-0.3	0.6			
Nov	1.9	0.8	1.0	3.6	-4.2	3.0	0.8	0.9	-0.7	1.5	0.9	-	0.5	0.7			
Dec	4.6	0.9	1.4	1.6	-0.8	2.8	0.7	1.1	1.6	1.4	1.4	1.8	1.6	1.3			
2017 Jan	5.8	2.1	2.6	6.9	4.0	0.8	1.7	3.2	0.8	4.9	3.7	1.0	2.4	2.9			
Feb	7.2	3.3	3.9	7.0	5.6	-2.5	4.7	4.6	1.0	4.0	3.2	2.5	2.8	4.0			
Mar	6.8	3.2	3.8	7.8	2.9	-5.0	6.0	4.7	0.1	2.9	2.1	1.9	2.0	3.7			
Apr	5.6	1.9	2.4	1.4	-0.3	-3.6	5.1	2.4	2.0	0.5	0.9	2.2	1.5	2.1			
May	6.8	1.2	2.0	1.2	-2.4	-3.3	1.9	1.1	1.4	0.9	1.1	0.4	0.8	1.0			
Jun	3.1	0.3	0.7	0.9	-2.7	1.3	-1.2	-0.2	0.6	1.4	1.2	-	0.6	0.1			
Jul	3.1	0.6	0.9	1.5	-6.4	4.6	-2.1	-0.5	-0.6	1.0	0.6	-0.2	0.2	-0.3			
Aug	-1.8	1.1	0.6	0.9	-6.3	11.1	-1.7	-0.3	-0.9	1.0	0.5	0.1	0.3	-0.1			
Sep	1.9	1.2	1.3	-0.2	-6.2	10.6	-0.5	0.1	-1.3	0.9	0.3	0.9	0.6	0.2			
Oct	-0.7	2.4	1.9	-1.6	-2.1	8.9	-1.2	0.2	-1.8	1.2	0.4	0.4	0.4	0.3			
Nov	2.6	3.1	3.0	-2.3	-2.6	3.5	-3.1	-0.4	-1.6	0.6	-	1.4	0.7	-			
Dec	2.0	7.0	6.2	-0.5	-0.2	-1.9	-3.6	1.0	-0.5	0.2	-	0.7	0.3	0.8			
2018 Jan	1.4	6.1	5.4	6.4	-0.7	-4.3	-2.2	2.3	-	-1.2	-0.9	1.5	0.3	1.6			
Feb	-4.9	5.7	4.1	7.8	-1.6	-3.7	-0.5	2.6	-0.6	-2.9	-2.3	-1.0	-1.6	1.1			
Mar	-11.5	-1.5	-3.0	3.0	-7.1	1.6	-1.2	-1.5	-2.6	-2.9	-2.8	-1.7	-2.3	-1.8			
Apr	-8.6	-2.5	-3.4	-4.6	-8.9	6.3	-2.1	-3.4	-2.9	-1.6	-2.0	-2.1	-2.1	-2.9			
May	-3.8	-5.3	-5.1	-6.2	-6.3	9.4	-2.2	-4.0	-2.2	2.0	0.8	1.8	1.3	-2.2			
Jun	2.5	-1.7	-1.2	-0.9	-2.3	9.2	-1.0	-0.7	0.8	3.7	3.0	4.3	3.6	0.8			
Jul	3.8	0.4	0.8	2.3	2.9	3.8	-1.7	0.7	1.2	5.0	4.0	5.4	4.7	2.1			
Aug	5.5	3.6	3.9	4.2	2.6	-0.2	-3.0	1.7	1.7	1.8	1.7	3.6	2.6	2.0			
Sep	7.4	4.2	4.7	1.7	4.0	-5.9	-4.0	1.0	-0.9	-0.9	-0.9	3.2	1.1	1.1			
Oct	4.6	3.3	3.5	3.2	2.6	-5.1	-2.9	1.2	-1.9	-3.4	-3.0	2.7	-0.2	0.7			
Nov	3.9	3.2	3.3	3.3	1.0	-3.5	-0.3	1.8	-3.5	-2.8	-3.0	1.1	-1.0	0.8			
Dec	3.2	1.7	1.9	2.8	-1.8	3.7	1.5	1.7	-2.5	-2.8	-2.8	-3.5	-3.1	-			
2019 Jan	5.0	0.7	1.3	1.6	-4.1	6.3	0.1	0.8	-1.9	-1.0	-1.3	-3.5	-2.4	-0.3			
Feb	4.1	0.6	1.1	2.1	-0.4	6.6	-2.1	0.6	0.4	0.9	0.8	-2.2	-0.7	0.1			
Mar	0.7	1.5	1.4	3.7	2.7	3.0	-1.9	1.2	-0.5	3.8	2.6	3.1	2.8	1.7			
Apr	1.4	1.8	1.8	2.4	2.4	-1.8	1.5	1.7	0.2	2.2	1.7	2.0	1.8	1.7			
May	4.1	-0.6	0.1	0.7	-3.5	-1.5	3.2	0.6	-0.8	-0.3	-0.5	1.2	0.3	0.5			
Jun	10.9	-1.8	-	-1.0	-6.7	-4.9	1.6	-0.7	0.7	-2.9	-2.0	-1.2	-1.6	-1.0			
Jul	7.6	-1.1	0.2	-0.1	-5.8	-1.8	-0.3	-0.6	2.7	-2.6	-1.2	-1.0	-1.1	-0.8			
Aug	4.5	0.5	1.1	-1.8	-1.3	-3.1	0.4	-0.1	3.3	-2.6	-1.1	-0.4	-0.8	-0.3			
Sep	-2.7	2.6	1.7	1.1	1.7	4.7	1.9	1.8	5.2	-1.9	-	0.3	0.1	1.2			
Oct	1.8	-0.1	0.2	0.7	1.6	4.9	2.4	1.2	2.0	-1.7	-0.7	0.5	-0.1	0.8			
Nov	4.5	-0.4	0.4	3.0	0.6	6.3	1.8	1.6	2.5	-1.9	-0.7	1.2	0.2	1.1			

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

# 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	Infrastructure	Excluding Infrastructure			All new work	Housing			Non housing R&M	All Repair and Maintenance		All Work	
					Public	Private industrial	Private commercial		Public housing	Private housing	Total housing		Housing R&M	All Repair and Maintenance		
2013 Nov	N3P7 18.5 21.3	N3P8 15.9 19.0	N3P9 16.5 19.5	N3PA -1.5 2.4	N3PB -4.0 -4.8	N3PC -18.3 -17.7	N3PD 9.1 5.0	N3PE 5.6 5.9	N3PF -5.5 -4.7	N3PG 12.0 9.2	N3PH 5.8 4.3	N3PI 6.9 7.4	N3PJ 6.4 5.8	N3PK 5.9 5.9		
Dec																
2014 Jan	23.8	27.8	27.0	3.0	-2.4	-14.0	3.9	8.4	-1.0	10.1	6.3	7.5	6.9	7.8		
Feb	27.1	29.9	29.3	3.0	-2.2	-8.3	4.5	9.7	0.1	11.3	7.5	8.2	7.8	8.9		
Mar	32.7	30.6	31.0	0.6	-0.9	3.3	7.6	11.5	1.5	13.8	9.6	6.7	8.2	10.2		
Apr	33.5	28.3	29.3	-1.0	-0.3	13.2	9.4	12.0	-0.7	14.1	9.1	7.9	8.5	10.6		
May	36.3	29.2	30.6	-0.9	0.1	21.1	9.7	13.0	0.9	12.0	8.3	8.5	8.4	11.2		
Jun	40.7	28.2	30.6	-2.5	-0.2	24.9	8.8	12.6	4.0	9.3	7.6	10.9	9.2	11.3		
Jul	41.6	26.1	29.1	-3.0	-1.3	26.4	7.2	11.5	6.8	6.7	6.7	8.8	7.8	10.1		
Aug	41.4	27.7	30.3	-4.7	-0.4	24.0	5.4	11.0	7.4	7.4	7.4	8.2	7.8	9.8		
Sep	39.4	28.8	30.8	-0.4	-1.2	24.4	2.5	11.1	5.6	7.4	6.8	7.6	7.2	9.6		
Oct	34.1	28.3	29.5	-1.3	1.0	23.7	1.5	10.5	3.3	6.8	5.7	6.1	5.9	8.7		
Nov	26.3	27.0	26.9	0.9	3.2	25.2	4.1	11.4	4.0	4.3	4.2	6.6	5.4	9.1		
Dec	20.9	24.1	23.4	-0.4	6.2	20.3	8.2	11.7	3.3	4.6	4.2	5.0	4.6	8.9		
2015 Jan	15.3	18.6	18.0	6.3	5.5	21.0	9.8	11.8	2.2	2.5	2.4	5.2	3.8	8.7		
Feb	11.0	15.4	14.5	10.1	5.6	20.1	8.7	11.1	1.5	-0.4	0.2	3.3	1.7	7.5		
Mar	4.2	14.2	12.3	18.4	2.6	15.9	3.5	9.7	2.8	-1.5	-0.1	4.2	2.0	6.8		
Apr	3.3	15.4	13.0	23.4	1.2	9.8	0.9	9.5	3.1	-0.5	0.6	1.7	1.2	6.3		
May	-4.1	16.1	12.0	26.5	-1.1	6.1	-0.5	8.8	3.6	2.7	3.0	-0.3	1.4	6.0		
Jun	-11.6	13.6	8.4	25.3	0.8	4.3	2.4	8.4	1.8	4.3	3.5	-5.5	-1.0	4.8		
Jul	-20.0	11.0	4.5	23.6	1.4	9.3	3.4	7.3	2.5	5.2	4.3	-5.3	-0.5	4.4		
Aug	-25.2	6.4	-0.2	23.4	1.3	11.4	3.6	5.7	1.0	3.2	2.5	-7.1	-2.3	2.7		
Sep	-27.8	4.8	-1.9	21.3	-	15.9	1.3	4.2	1.6	2.9	2.5	-6.4	-2.0	1.8		
Oct	-29.7	4.3	-2.7	18.3	-1.4	12.9	2.6	3.4	1.2	3.7	2.9	-6.8	-2.0	1.4		
Nov	-28.6	4.5	-2.1	12.6	-1.9	14.1	2.5	2.6	0.2	6.4	4.4	-5.3	-0.5	1.5		
Dec	-27.0	7.1	0.4	15.4	-1.2	11.7	2.9	4.1	-1.1	6.2	3.8	-3.5	0.1	2.7		
2016 Jan	-22.4	8.9	2.9	9.4	1.4	5.2	3.3	4.1	-1.7	6.8	4.1	-4.0	-	2.6		
Feb	-20.1	12.5	6.4	7.8	1.9	-5.1	3.5	4.7	0.1	9.5	6.5	-2.9	1.8	3.6		
Mar	-16.8	13.7	8.1	-1.7	2.1	-8.3	5.6	3.9	-0.7	9.1	6.0	-5.4	0.3	2.6		
Apr	-20.6	14.2	7.8	-4.6	3.6	-5.0	6.5	3.8	-0.1	7.6	5.1	-3.6	0.8	2.7		
May	-17.5	11.8	6.7	-6.7	7.4	1.2	8.5	4.3	-2.4	3.6	1.7	-2.7	-0.5	2.6		
Jun	-14.4	11.0	6.7	-6.2	8.0	1.8	8.3	4.5	-3.2	3.3	1.3	1.4	1.4	3.4		
Jul	-5.4	12.0	9.2	-3.6	7.1	-6.1	8.0	5.3	-6.1	3.3	0.4	1.0	0.7	3.6		
Aug	1.1	15.0	12.8	-1.8	5.3	-11.7	8.3	6.4	-8.3	3.5	-0.2	1.5	0.6	4.3		
Sep	4.6	15.8	14.1	1.2	4.6	-13.4	10.9	8.0	-10.1	4.2	-0.2	-	-0.1	5.0		
Oct	7.8	15.4	14.3	2.5	2.4	-9.5	9.9	8.0	-9.4	2.7	-1.1	1.2	-	5.1		
Nov	9.6	14.2	13.6	5.5	1.5	-7.5	8.3	7.9	-8.5	3.5	-0.2	-0.2	-0.2	4.9		
Dec	12.0	12.4	12.4	2.7	2.4	-4.7	7.2	6.9	-5.8	5.5	2.1	-0.2	1.0	4.8		
2017 Jan	12.0	11.3	11.4	8.9	4.9	-4.1	7.1	8.1	-6.6	8.2	3.7	0.2	2.0	5.9		
Feb	12.7	9.0	9.6	9.0	6.0	-	9.8	8.7	-7.0	7.2	2.9	1.9	2.4	6.4		
Mar	13.4	8.4	9.1	13.9	6.8	-0.5	11.3	10.0	-7.4	5.6	1.7	4.8	3.2	7.5		
Apr	18.6	5.9	7.6	12.8	3.7	-3.9	12.2	8.9	-6.3	5.6	2.0	4.8	3.3	6.9		
May	22.7	5.5	7.8	14.3	0.7	-10.4	10.6	8.1	-4.8	7.5	3.8	4.3	4.1	6.7		
Jun	20.7	6.0	8.0	16.8	-3.6	-7.6	7.6	7.3	-3.4	7.3	4.2	2.3	3.3	5.9		
Jul	18.7	6.3	8.0	14.2	-7.2	-1.0	6.3	6.4	-1.2	7.2	4.7	2.8	3.8	5.5		
Aug	14.6	6.5	7.6	13.2	-7.5	7.8	5.8	6.3	0.9	7.6	5.7	3.1	4.4	5.7		
Sep	17.5	5.8	7.4	10.3	-6.9	9.5	4.9	5.7	1.1	6.7	5.2	4.8	5.0	5.4		
Oct	14.4	7.1	8.1	8.2	-5.0	10.7	3.4	5.4	0.4	7.8	5.7	3.4	4.6	5.1		
Nov	15.3	8.9	9.8	6.7	-6.0	8.4	1.7	5.0	-0.1	6.7	4.8	4.5	4.6	4.9		
Dec	14.5	12.1	12.4	8.0	-6.2	4.4	0.4	5.6	-1.0	5.5	3.7	3.6	3.6	4.9		
2018 Jan	9.6	11.3	11.1	7.8	-9.2	5.1	-0.5	4.5	-0.4	1.6	1.0	3.9	2.4	3.8		
Feb	2.3	11.4	10.1	7.6	-12.3	7.0	-3.4	3.0	-1.7	-0.4	-0.7	1.0	0.1	2.0		
Mar	-5.1	6.9	5.1	3.2	-15.4	11.7	-6.4	-0.6	-3.7	-0.4	-1.3	-	-0.7	-0.7		
Apr	-5.1	6.5	4.8	1.5	-17.0	15.9	-7.4	-1.4	-5.2	-0.6	-1.8	-0.5	-1.2	-1.3		
May	-7.9	4.3	2.4	-0.3	-15.8	21.1	-7.3	-2.2	-5.2	0.6	-1.0	2.3	0.6	-1.2		
Jun	-5.7	4.8	3.2	1.4	-15.0	20.4	-6.2	-1.2	-3.5	1.9	0.4	4.2	2.2	-		
Jul	-4.5	6.3	4.7	2.2	-8.9	15.0	-7.0	-0.2	-3.4	3.3	1.5	5.1	3.2	1.0		
Aug	-1.1	6.9	5.7	3.0	-7.8	8.9	-8.6	-0.3	-2.7	1.4	0.3	5.9	2.9	0.8		
Sep	-0.7	7.9	6.6	3.2	-5.7	2.4	-9.5	-0.2	-3.1	0.1	-0.8	6.5	2.7	0.8		
Oct	0.6	7.3	6.3	7.2	-4.5	0.3	-8.6	0.8	-3.5	-1.4	-2.0	7.6	2.6	1.4		
Nov	0.2	7.0	6.0	8.8	-4.4	1.5	-6.0	1.9	-4.6	-2.1	-2.8	5.6	1.3	1.7		
Dec	0.5	2.6	2.3	6.7	-7.2	8.2	-4.7	0.5	-5.1	-2.9	-3.5	2.1	-0.8	0.1		
2019 Jan	4.3	1.8	2.1	2.3	-7.7	11.3	-6.5	-0.8	-5.4	-1.2	-2.4	2.3	-0.1	-0.6		
Feb	9.7	1.8	2.9	3.0	-3.3	12.4	-7.4	-0.1	-3.7	1.8	0.3	4.3	2.2	0.7		
Mar	14.3	5.7	6.9	7.4	2.6	9.7	-5.4	3.2	-3.1	3.7	1.9	7.0	4.4	3.6		
Apr	15.7	6.3	7.6	9.8	3.7	2.9	-3.0	4.4	-2.4	2.6	1.3	6.5	3.8	4.2		
May	18.7	6.9	8.5	10.7	-0.4	1.1	-2.3	4.7	-2.4	-0.5	-1.0	3.7	1.3	3.5		
Jun	23.7	5.6	8.1	7.3	-2.1	-4.4	-3.0	3.3	-3.1	-3.0	-3.0	1.3	-0.9	1.8		
Jul	19.9	4.8	6.9	7.2	-5.1	-2.7	-1.6	3.0	-1.0	-4.8	-3.8	0.1	-1.9	1.3		
Aug	17.7	3.7	5.6	4.3	-4.2	-1.8	1.1	2.8	-0.8	-4.8	-3.7	-0.3	-2.1	1.1		
Sep	12.1	3.9	5.1	6.6	-4.3	6.4	3.0	4.0	2.8	-4.0	-2.2	-1.6	-1.9	1.9		
Oct	16.7	1.3	3.5	4.6	-6.0	7.6	3.7	3.0	2.9	-3.1	-1.5	-2.1	-1.8	1.3		
Nov	18.4	0.1	2.7	4.0	-4.7	8.2	3.2	2.7	5.3	-3.9	-1.5	-0.3	-0.9	1.4		

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

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

Index 2016 = 100

	New Housing										Other New Work				Repair and Maintenance				All Repair and Maintenance	All Work					
	Excluding Infrastructure					Housing					Non housing R&M														
	Public housing	Private housing	Total new housing	Infrastructure	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M														
MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6												
1997	53.1	45.6	46.4	61.5	55.0	56.6	53.1	53.5	58.1	38.4	44.6	56.8	49.7	51.8											
1998	56.3	48.7	49.4	61.3	57.0	59.9	57.2	56.3	60.9	39.8	46.0	59.0	51.5	54.2											
1999	60.4	53.4	54.1	62.0	58.9	59.4	61.1	59.5	62.5	40.6	47.0	60.3	52.7	56.6											
2000	62.9	56.2	56.9	69.1	61.6	62.6	63.8	62.8	65.4	42.4	48.9	63.0	55.1	59.6											
2001	67.2	61.3	61.9	71.7	67.3	61.2	69.1	67.0	70.0	43.1	50.2	65.3	57.1	62.7											
2002	71.4	66.9	67.4	72.2	69.0	70.9	74.4	71.6	71.0	46.1	52.1	68.0	59.5	66.4											
2003	75.7	70.1	70.8	71.2	72.5	73.9	79.5	74.5	73.0	51.2	57.0	75.1	65.4	70.6											
2004	81.3	72.7	73.6	71.8	76.3	78.2	80.0	76.4	73.5	56.3	61.3	79.0	69.3	73.6											
2005	88.0	77.0	78.0	74.7	82.0	85.7	86.1	81.6	76.5	63.4	67.4	83.0	74.8	78.9											
2006	94.2	80.3	81.8	80.0	85.5	88.5	90.4	85.8	81.7	68.9	72.9	84.8	78.7	83.1											
2007	99.2	82.7	84.7	85.5	89.9	92.2	93.5	89.5	86.8	75.5	78.9	88.6	83.8	87.4											
2008	104.0	87.2	89.4	86.3	96.5	98.7	94.4	92.9	91.3	81.3	84.4	91.3	87.9	90.8											
2009	102.8	88.1	90.7	83.3	94.7	92.6	91.5	90.8	93.3	84.1	87.1	93.0	90.1	90.3											
2010	98.0	88.3	90.2	83.1	87.2	84.4	86.2	86.9	92.6	85.3	87.6	93.2	90.2	88.0											
2011	96.5	89.5	90.8	86.7	87.3	88.3	86.1	87.9	92.5	89.0	90.0	94.0	91.9	89.3											
2012	94.8	91.6	92.1	91.3	90.3	91.3	89.0	90.8	95.8	93.4	94.1	94.9	94.5	92.0											
2013	95.4	94.0	94.1	94.9	94.1	93.9	93.0	94.0	98.6	97.6	97.9	96.6	97.2	95.1											
2014	96.4	96.4	96.2	97.9	96.0	95.6	96.1	96.4	98.9	98.9	98.8	97.2	98.0	96.9											
2015	97.2	97.3	97.2	99.0	97.3	96.6	97.3	97.6	98.8	98.8	98.7	97.2	98.0	97.7											
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	103.8	103.8	103.8	100.7	102.4	103.5	102.4	102.6	101.8	101.8	101.8	102.2	102.0	102.4											
2018	107.8	107.8	107.8	104.2	105.7	107.4	105.7	106.2	103.4	103.4	103.5	103.9	103.7	105.4											

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.Q CONSTRUCTION OUTPUT: IMPLIED PRICE DEFULATOR NON-SEASONALLY ADJUSTED INDEX NUMBERS

BY SECTOR

Index 2016 = 100

	New Housing												Other New Work				Repair and Maintenance				All Repair and Maintenance	All Work
					Excluding Infrastructure				Housing													
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M										
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6								
2004 Q4	83.6	73.9	74.8	72.0	78.3	82.5	81.0	77.8	74.5	59.6	63.9	80.0	71.4	75.3								
2005 Q1	85.3	75.0	76.0	72.8	79.8	84.0	82.9	79.2	75.6	60.9	65.7	81.2	72.9	76.6								
Q2	87.1	76.4	77.5	73.9	81.3	85.6	85.5	81.0	76.6	63.1	67.3	83.5	74.9	78.6								
Q3	89.0	77.9	78.9	75.3	82.9	86.4	87.3	82.5	77.0	63.9	67.7	83.6	75.4	79.7								
Q4	90.8	78.7	79.9	76.7	84.1	86.6	89.1	83.8	77.0	65.8	69.0	83.9	76.2	80.8								
2006 Q1	92.5	80.2	81.6	77.9	84.8	87.0	89.9	85.0	79.9	66.6	70.8	84.5	77.3	82.1								
Q2	93.8	80.2	81.7	79.5	85.3	88.1	90.5	85.7	82.4	68.2	72.4	84.6	78.3	82.9								
Q3	94.9	80.2	81.7	80.8	85.7	89.2	90.6	86.1	82.7	69.4	73.7	84.9	79.2	83.5								
Q4	95.8	80.6	82.2	82.1	86.3	89.7	90.8	86.7	81.9	71.4	74.7	85.1	79.9	84.1								
2007 Q1	97.3	81.8	83.6	83.7	87.3	90.3	91.5	87.7	83.2	72.9	76.3	85.2	80.7	85.1								
Q2	98.7	82.4	84.4	85.1	88.8	91.3	92.4	88.7	87.2	73.9	77.8	88.9	83.3	86.8								
Q3	100.0	83.0	85.0	86.0	90.6	92.8	94.9	90.4	88.5	75.8	79.6	90.1	84.9	88.4								
Q4	101.4	83.9	86.0	86.8	92.8	94.8	95.2	91.4	88.6	79.2	82.0	90.2	86.1	89.4								
2008 Q1	102.7	85.5	87.6	86.8	94.6	96.8	94.8	92.2	88.4	79.5	82.3	90.4	86.5	90.0								
Q2	103.9	86.9	89.1	86.7	96.3	98.7	94.8	92.9	91.4	81.0	84.2	91.3	87.8	90.8								
Q3	104.4	88.1	90.3	85.9	97.1	99.6	94.1	93.1	92.1	82.2	85.3	91.6	88.6	91.2								
Q4	105.3	89.1	91.4	85.7	98.0	100.1	93.9	93.5	93.0	82.5	85.6	92.0	88.7	91.4								
2009 Q1	104.5	89.1	91.5	84.5	97.6	98.2	92.9	92.7	95.5	84.6	88.1	91.9	90.0	91.4								
Q2	103.6	87.9	90.4	83.4	96.3	94.7	91.8	91.2	92.7	83.9	86.7	92.2	89.4	90.4								
Q3	102.6	87.9	90.6	83.0	94.4	90.8	91.7	90.6	92.0	84.1	86.7	94.1	90.4	90.3								
Q4	101.0	87.8	90.4	82.5	91.9	87.0	89.5	88.9	93.1	83.8	86.8	94.0	90.5	89.3								
2010 Q1	99.6	88.1	90.6	82.4	89.2	84.6	87.7	87.6	92.8	84.9	87.7	93.9	90.6	88.6								
Q2	98.3	88.5	90.5	82.7	87.4	83.7	86.3	86.9	92.4	85.2	87.5	92.7	89.9	87.9								
Q3	97.4	88.4	90.2	83.2	86.3	84.2	85.6	86.6	92.5	85.2	87.5	92.9	90.0	87.7								
Q4	96.9	88.3	90.0	84.0	86.0	85.2	85.4	86.7	92.7	85.7	87.8	93.4	90.3	87.9								
2011 Q1	96.8	88.6	90.2	85.1	86.3	85.7	85.7	87.0	91.7	87.5	88.8	93.6	91.1	88.4								
Q2	96.6	89.0	90.5	86.1	86.9	87.2	86.1	87.6	92.0	88.5	89.5	93.7	91.5	88.9								
Q3	96.4	89.8	90.9	87.1	87.7	89.4	86.1	88.2	92.4	89.5	90.3	94.3	92.3	89.6								
Q4	96.1	90.6	91.6	88.5	88.6	91.1	86.6	89.0	94.0	90.4	91.4	94.4	92.8	90.3								
2012 Q1	95.6	91.3	92.0	89.9	89.3	91.8	87.9	90.0	95.0	92.4	93.2	95.4	94.2	91.5								
Q2	95.1	91.4	91.9	91.0	90.0	91.4	88.8	90.6	95.8	92.5	93.5	95.2	94.3	91.8								
Q3	94.5	91.8	92.2	91.7	90.7	90.9	89.7	91.1	95.9	94.0	94.5	94.5	94.5	92.3								
Q4	94.1	92.1	92.3	92.5	91.5	91.2	89.8	91.5	96.5	94.8	95.2	94.7	95.0	92.7								
2013 Q1	94.4	92.5	92.7	93.4	92.5	92.3	91.1	92.4	97.3	96.5	96.6	95.0	95.8	93.5								
Q2	95.0	93.1	93.3	94.3	93.6	93.6	92.3	93.3	99.3	97.0	97.7	96.9	97.3	94.7								
Q3	95.7	94.1	94.3	95.4	94.7	94.6	93.2	94.3	98.8	97.9	98.1	97.1	97.6	95.4								
Q4	96.3	95.8	95.7	96.5	95.6	95.4	95.1	95.7	99.0	98.9	98.9	97.2	98.0	96.5								
2014 Q1	97.1	97.1	96.9	98.0	96.5	96.0	96.5	96.9	99.2	99.2	99.1	97.4	98.3	97.3								
Q2	96.1	96.1	95.9	97.4	95.7	95.0	95.6	96.0	99.0	99.0	99.0	97.3	98.1	96.7								
Q3	96.4	96.4	96.2	98.1	96.1	95.7	96.1	96.5	98.8	98.8	98.8	97.2	98.0	96.9								
Q4	96.4	96.4	96.2	98.1	96.1	96.0	96.1	96.5	98.6	98.6	98.5	96.8	97.7	96.9								
2015 Q1	97.2	97.2	97.0	98.8	96.9	96.7	96.9	97.3	98.6	98.6	98.4	96.9	97.6	97.4								
Q2	97.3	97.3	97.2	98.6	96.9	96.1	96.9	97.3	98.7	98.7	98.6	97.2	97.9	97.5								
Q3	97.2	97.2	97.1	99.1	97.6	96.8	97.6	97.7	98.8	98.8	98.8	97.3	98.0	97.8								
Q4	97.4	97.4	97.4	99.3	97.9	96.9	97.9	98.0	99.1	99.1	99.1	97.6	98.4	98.1								
2016 Q1	98.9	98.9	98.9	100.3	99.1	98.3	99.1	99.2	99.4	99.4	99.3	99.3	99.3	99.2								
Q2	99.5	99.5	99.5	100.7	99.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7								
Q3	100.3	100.3	100.3	99.3	100.3	100.7	100.4	100.2	100.1	100.1	100.2	100.2	100.2	100.2								
Q4	101.4	101.4	101.4	99.8	101.1	101.9	101.1	101.0	100.7	100.7	100.8	100.7	100.8	100.9								
2017 Q1	102.6	102.6	102.5	99.8	101.3	102.3	101.3	101.5	101.3	101.2	101.2	101.6	101.4	101.4								
Q2	103.0	103.0	102.9	100.1	101.5	102.7	101.6	101.8	101.7	101.7	101.7	102.1	101.9	101.9								
Q3	104.5	104.5	104.4	101.2	103.1	104.0	103.1	103.2	102.0	102.0	102.0	102.5	102.2	102.9								
Q4	105.3	105.3	105.3	101.7	103.7	105.0	103.6	103.9	102.2	102.2	102.3	102.6	102.4	103.4								
2018 Q1	106.7	106.7	106.7	102.6	104.5	105.8	104.5	104.9	102.7	102.7	102.7	103.2	103.0	104.3								
Q2	107.9	107.8	107.9	104.1	105.6	107.0	105.6	106.1	103.4	103.4	103.5	103.8	103.6	105.3								
Q3	107.9	107.9	107.9	104.6	105.9	107.7	105.9	106.4	103.6	103.6	103.7	104.2	103.9	105.5								
Q4	108.7	108.7	108.7	105.4	106.9	108.8	106.9	107.2	103.9	103.9	104.0	104.4	104.2	106.3								
2019 Q1	110.1	110.1	110.0	107.0	107.9	109.6	107.9	108.5	104.3	104.3	104.4	105.1	104.7	107.2								
Q2	110.9	110.9	110.8	109.3	109.6	111.3	109.6	109.9	104.8	104.8	104.9	106.0	105.4	108.5								
Q3	111.3	111.3	111.2	110.6	110.1	111.7	110.1	110.6	105.1	105.1	105.2	106.5	105.8	109.1								

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

# 6.A.M CONSTRUCTION OUTPUT: IMPLIED PRICE DEFULATOR NON-SEASONALLY ADJUSTED INDEX NUMBERS

BY SECTOR

Index 2016 = 100

	New Housing												Other New Work				Repair and Maintenance				All Repair and Maintenance	All Work
					Excluding Infrastructure				Housing													
	Public housing	Private housing	Total new housing	Infrastructure	Public	Private industrial	Private commercial	All new work	Public housing	Private housing	Total housing	Non housing R&M										
	MVK3	MVK4	MVM6	MVK5	MVK6	MVK7	MVK8	MVK9	MVKB	MVL2	MVL3	MVL4	MVL5	MVL6								
2013 Nov	96.3	95.8	95.7	96.5	95.6	95.4	95.2	95.8	99.1	99.0	98.9	97.2	98.1	96.5								
Dec	96.6	96.6	96.4	96.9	95.9	95.8	95.9	96.3	99.3	99.3	99.2	97.2	98.2	96.9								
2014 Jan	97.7	97.7	97.5	98.8	97.6	97.3	97.6	97.8	99.3	99.3	99.1	97.5	98.3	97.8								
Feb	97.1	97.1	96.9	97.9	96.3	95.7	96.3	96.8	99.3	99.3	99.2	97.5	98.3	97.2								
Mar	96.6	96.6	96.4	97.4	95.8	95.3	95.8	96.3	99.2	99.2	99.1	97.4	98.2	96.9								
Apr	96.1	96.1	95.9	97.1	95.5	94.9	95.5	95.9	99.1	99.1	99.0	97.4	98.2	96.6								
May	95.7	95.7	95.5	97.0	95.4	94.9	95.4	95.7	99.0	99.0	99.0	97.2	98.1	96.5								
Jun	96.4	96.4	96.1	98.0	96.1	95.4	96.1	96.4	99.0	99.0	98.9	97.3	98.1	96.9								
Jul	96.6	96.6	96.5	98.4	96.5	96.0	96.5	96.8	98.9	98.9	98.9	97.3	98.1	97.2								
Aug	96.1	96.1	95.9	97.6	95.7	95.2	95.7	96.1	98.9	98.9	98.8	97.2	97.9	96.7								
Sep	96.4	96.4	96.2	98.2	96.2	95.8	96.2	96.5	98.7	98.7	98.7	97.1	97.9	96.9								
Oct	96.3	96.3	96.1	98.3	96.2	95.9	96.2	96.5	98.6	98.6	98.5	96.8	97.7	96.9								
Nov	96.5	96.5	96.3	98.2	96.3	96.3	96.3	96.7	98.5	98.5	98.5	96.8	97.6	96.9								
Dec	96.3	96.3	96.1	97.8	95.9	95.9	95.9	96.3	98.5	98.5	98.5	96.9	97.7	96.8								
2015 Jan	96.3	96.3	96.2	98.5	95.9	96.0	95.9	96.5	98.5	98.5	98.4	96.7	97.5	96.8								
Feb	96.9	96.9	96.7	98.4	96.6	96.3	96.6	97.0	98.6	98.6	98.4	96.9	97.6	97.2								
Mar	98.2	98.2	98.0	99.5	98.0	97.6	98.0	98.3	98.6	98.6	98.5	97.0	97.7	97.9								
Apr	97.3	97.3	97.1	98.4	96.7	96.2	96.7	97.1	98.7	98.7	98.6	97.1	97.9	97.4								
May	97.2	97.2	97.1	98.5	96.8	95.9	96.8	97.2	98.7	98.7	98.6	97.2	98.0	97.4								
Jun	97.5	97.5	97.5	98.8	97.2	96.2	97.2	97.5	98.7	98.7	98.6	97.2	98.0	97.7								
Jul	97.7	97.7	97.6	99.5	98.0	97.2	98.0	98.2	98.8	98.8	98.8	97.3	98.0	98.1								
Aug	96.9	96.9	96.9	98.9	97.3	96.6	97.3	97.5	98.8	98.8	98.7	97.3	98.0	97.6								
Sep	96.9	96.9	96.9	98.9	97.4	96.6	97.4	97.5	98.8	98.8	98.8	97.4	98.1	97.6								
Oct	97.3	97.3	97.4	99.4	97.8	96.9	97.8	97.9	99.0	99.0	99.0	97.6	98.3	98.0								
Nov	97.9	97.9	97.9	99.7	98.3	97.3	98.3	98.4	99.0	99.0	99.0	97.6	98.4	98.4								
Dec	97.1	97.1	97.1	98.9	97.5	96.5	97.5	97.6	99.1	99.1	99.1	97.7	98.4	97.9								
2016 Jan	98.6	98.6	98.6	100.0	98.9	97.8	98.9	99.0	99.3	99.3	99.3	99.2	99.2	99.0								
Feb	98.8	98.8	98.8	100.2	99.1	98.3	99.1	99.2	99.4	99.4	99.3	99.3	99.3	99.2								
Mar	99.3	99.3	99.3	100.6	99.4	98.7	99.4	99.5	99.5	99.5	99.4	99.5	99.5	99.5								
Apr	99.6	99.6	99.6	100.6	99.4	98.7	99.4	99.7	99.6	99.6	99.6	99.6	99.6	99.6								
May	99.4	99.4	99.4	100.5	99.3	99.0	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.6								
Jun	99.5	99.5	99.5	100.9	99.5	99.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9								
Jul	100.2	100.2	100.2	99.3	100.3	100.7	100.3	100.1	100.0	100.0	100.0	100.0	100.0	100.1								
Aug	100.2	100.2	100.2	99.2	100.2	100.6	100.2	100.1	100.2	100.2	100.2	100.3	100.2	100.1								
Sep	100.4	100.4	100.4	99.2	100.6	100.9	100.6	100.3	100.3	100.3	100.3	100.3	100.3	100.3								
Oct	101.0	101.0	101.0	99.6	101.0	101.8	101.0	100.8	100.6	100.6	100.6	100.6	100.6	100.7								
Nov	101.6	101.6	101.6	100.2	101.6	102.2	101.6	101.4	100.7	100.7	100.8	100.7	100.7	100.8								
Dec	101.5	101.5	101.5	99.6	100.7	101.7	100.7	100.8	100.8	100.8	100.9	100.9	100.9	100.9								
2017 Jan	102.3	102.3	102.3	100.0	101.3	102.0	101.3	101.4	101.0	101.0	101.1	101.2	101.1	101.3								
Feb	102.5	102.5	102.5	99.9	101.3	102.1	101.3	101.5	101.2	101.2	101.2	101.5	101.4	101.4								
Mar	102.8	102.8	102.8	99.6	101.3	102.7	101.3	101.5	101.4	101.4	101.4	101.9	101.6	101.6								
Apr	102.8	102.8	102.8	99.5	100.9	102.5	100.9	101.4	101.6	101.6	101.6	102.1	101.8	101.6								
May	102.9	102.9	102.8	100.3	101.6	102.5	101.6	101.8	101.6	101.6	101.7	102.2	101.9	101.9								
Jun	103.3	103.3	103.3	100.4	102.1	103.0	102.1	102.2	101.8	101.8	101.8	102.2	102.2	102.2								
Jul	104.0	104.0	104.0	101.0	102.9	103.8	102.9	103.0	101.9	101.9	101.9	102.4	102.2	102.7								
Aug	104.2	104.2	104.2	101.2	102.9	103.5	102.9	103.0	102.0	102.0	102.1	102.6	102.3	102.8								
Sep	105.2	105.2	105.2	101.5	103.4	104.7	103.4	103.7	102.1	102.1	102.1	102.5	102.3	103.2								
Oct	104.9	104.9	104.9	101.4	103.4	104.8	103.4	103.6	102.1	102.1	102.2	102.5	102.4	103.2								
Nov	105.4	105.4	105.4	101.7	103.6	104.9	103.6	103.9	102.2	102.2	102.3	102.6	102.5	103.4								
Dec	105.6	105.6	105.6	102.0	104.1	105.6	104.1	104.2	102.2	102.2	102.2	102.6	102.4	103.7								
2018 Jan	106.7	106.7	106.7	102.2	104.3	105.8	104.3	104.8	102.5	102.5	102.5	102.9	102.7	104.1								
Feb	106.4	106.4	106.4	102.1	104.1	105.3	104.1	104.6	102.7	102.7	102.7	103.2	102.9	104.0								
Mar	107.1	107.1	107.1	103.4	104.9	106.3	104.9	105.4	103.0	103.0	102.9	103.6	103.2	104.7								
Apr	107.5	107.5	107.5	103.7	105.3	106.5	105.3	105.8	103.2	103.2	103.3	103.7	103.5	105.0								
May	107.8	107.8	107.8	104.1	105.5	107.0	105.5	106.1	103.4	103.4	103.5	103.7	103.6	105.3								
Jun	108.2	108.2	108.2	104.5	105.9	107.6	105.9	106.5	103.5	103.5	103.6	104.0	104.0	103.8								
Jul	108.0	108.0	108.0	104.5	105.9	107.6	105.9	106.4	103.5	103.5	103.6	104.0	103.8	105.5								
Aug	107.9	107.9	107.9	104.4	105.8	107.7	105.8	105.8	103.6	103.6	103.7	104.3	104.0	105.5								
Sep	107.9	107.9	107.8	104.8	106.0	107.9	106.0	106.4	103.7	103.7	103.8	104.4	104.1	105.6								
Oct	107.9	107.9	108.0	104.7	106.0	107.9	106.0	106.5	103.8	103.8	103.9	104.3	104.0	105.7								
Nov	109.1	109.1	109.1	105.7	107.5	109.4	107.5	107.5	103.9	103.9	103.9	104.5	104.2	106.6								
Dec	109.1	109.1	109.0	105.7	107.5	109.3	107.5	107.7	104.0	104.0	104.1	104.6	104									