

Statistical bulletin

# Construction output in Great Britain: June 2018

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

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# 1 . Main points

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

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

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

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

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

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

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

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

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

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

### 3 . Construction output in June 2018

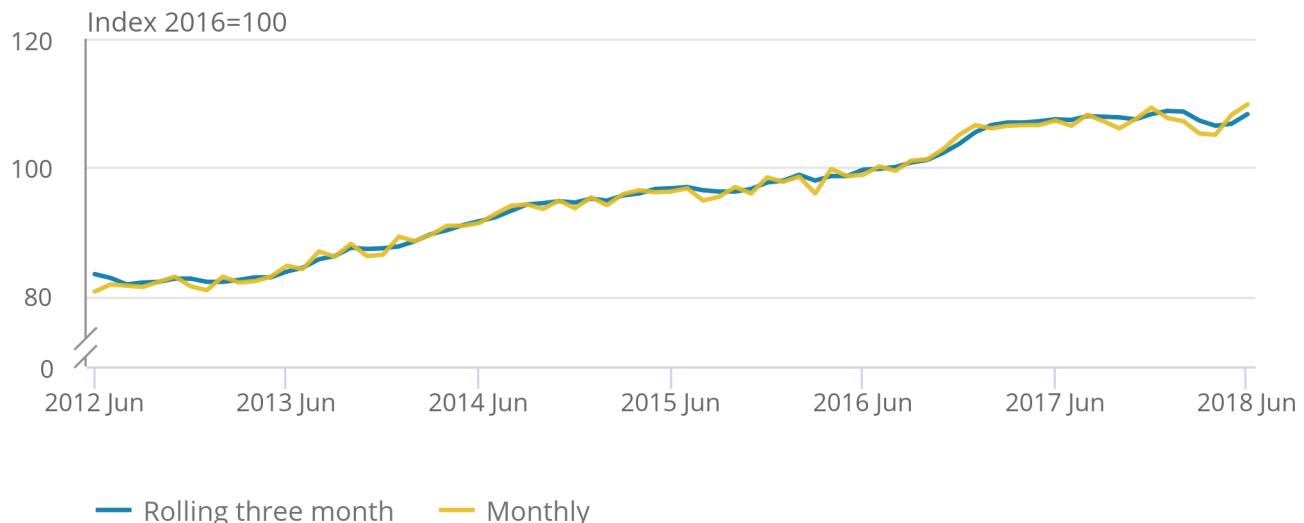
Construction output increased by 0.9% in the three months to June 2018, following three consecutive periods of decline in this series. The three-month time series provides a more comprehensive picture of the underlying trends within the industry, compared with the more volatile monthly series, which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

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

Chained volume measure, seasonally adjusted, Great Britain

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

Chained volume measure, seasonally adjusted, Great Britain



Source: Construction Output and Employment - Office for National Statistics

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

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

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

## 4 . Contributions to growth

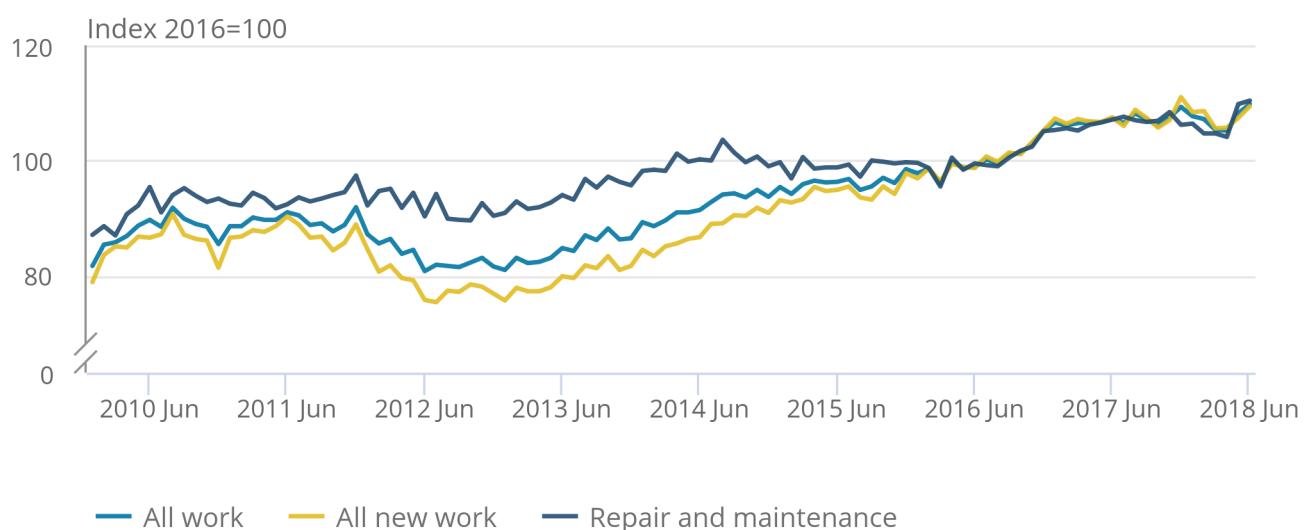
Construction output can be broken down by different types of work; these are categorised into all new work, and repair and maintenance, as shown in Figure 2. It is worth noting that all new work accounts for approximately two-thirds of all work, while repair and maintenance accounts for approximately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

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

**Chained volume measure, seasonally adjusted, Great Britain**

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

Chained volume measure, seasonally adjusted, Great Britain



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

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

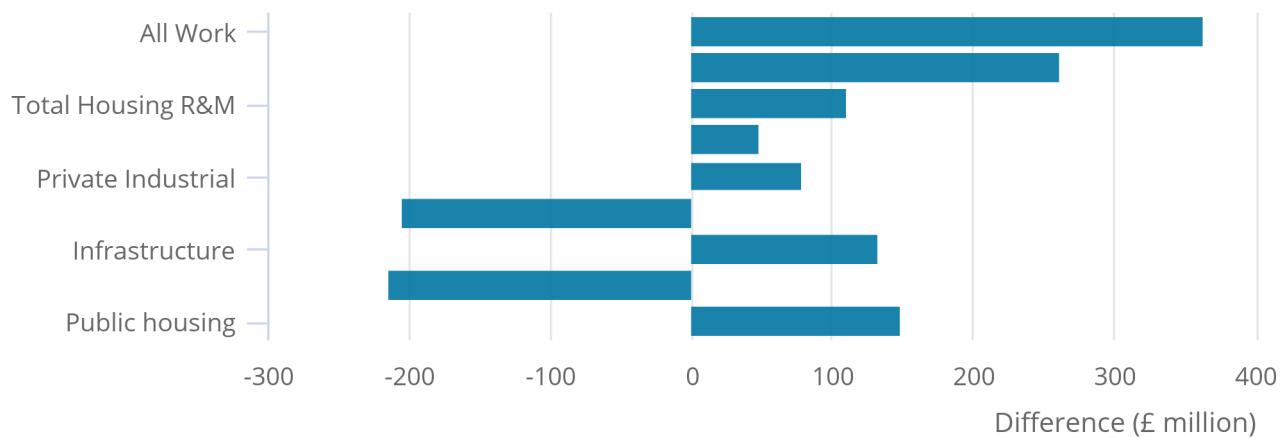
Following four consecutive months of contraction in the month-on-month series at the start of 2018, construction output has bounced back. Following growth of 2.9% in May 2018, construction output increased by 1.4% in June 2018. The month-on-month rise in construction output in June 2018 stemmed from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

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

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

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

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



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

**Notes:**

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

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

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

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

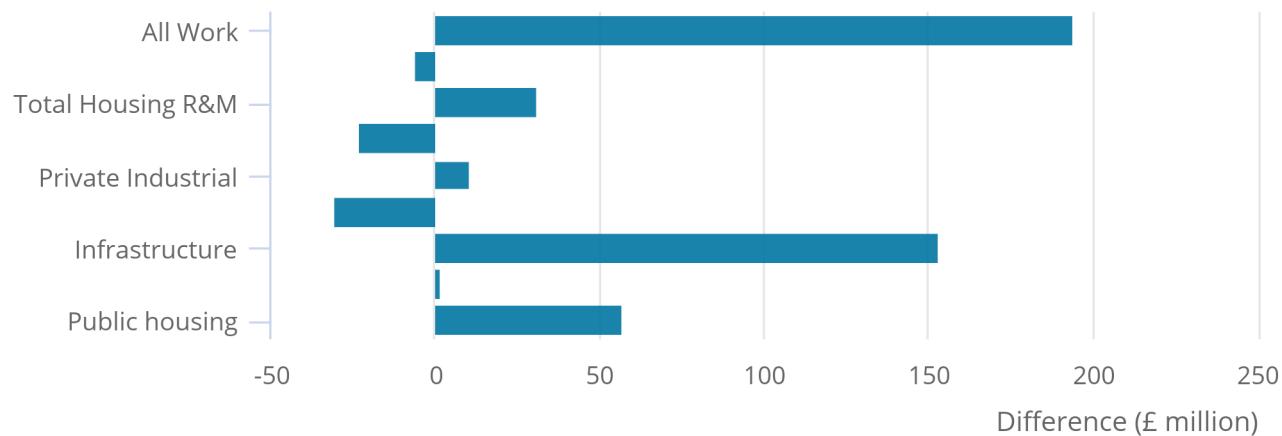
In contrast, only two sectors provided downward pressure on output in the three months to June 2018. Following notable three-month on three-month growth at the start of the year, new private housing work contracted, falling by £214 million in June 2018. Public other new work also continued to fall –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

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

June 2018 compared with May 2018, Great Britain

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

June 2018 compared with May 2018, Great Britain



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

**Notes:**

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

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

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

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

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

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

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

**Chained volume measure, seasonally adjusted, Great Britain**

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

Chained volume measure, seasonally adjusted, Great Britain



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

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

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

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

## 6 . Detailed growth rates

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

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

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

Source: Office for National Statistics

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

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

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

## 7 . Revisions

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

## 8 . Links to related statistics

Output in the construction industry follows the [Eurostat Short Term Statistics \(STS\)](#) regulation for production in construction. Headline volume estimates of construction output are assessed against [Eurostat's handbook on price and volume measures in National Accounts](#). Before any comparisons are made with the Euro area or EU28, it is worth noting that the UK is the only member state to follow the A method for compiling [production in construction statistics](#).

The latest release of Production in construction, published by Eurostat on 18 July 2018 for May 2018, showed the seasonally adjusted [production in the construction sector \(PDF, 517.2KB\)](#) increased by 0.3% in the Euro area (EA19) and increased by 1.2% in the EU28 when compared with April 2018.

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

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

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

## 9 . Other useful links

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

## 10 . Quality and methodology

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

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

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

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

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

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

## 11 . Construction statistics development

On 11 December 2014, the UK Statistics Authority announced its decision to suspend the designation of Construction output and New orders as [National Statistics](#) due to concerns about the quality of the [Construction Price and Cost Indices](#) used to remove the effects of inflation from the statistics.

We took responsibility for the publication of the Construction Price and Cost Indices from the then [Department for Business, Innovation and Skills \(BIS\)](#) on 1 April 2015, introducing an interim solution for measuring output prices in June 2015 for all periods from January 2014 onwards.

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

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

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

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

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

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

Index 2016 = 100

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

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

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

Index 2016 = 100

|         | New Housing    |                 |                   |                |                          |            |                    |              |                |                 |               |                 | Other New Work |       |       |       | Repair and Maintenance |      |       |      | All Repair and 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 | MV3G           | MV3I  | MV3E  | MV3F  | MV3H                   | MV3I |       |      |                            |          |
| 2003 Q3 | MV36           | MV37            | MVL7              | MV38           | MV39                     | MV3A       | MV3B               | MV3C         | MV3D           | MV3E            | MV3F          | MV3G            | MV3H           | MV3I  | MV3J  | MV3K  | MV3L                   | MV3M | 111.7 | 91.4 |                            |          |
| Q4      | 46.0           | 68.5            | 65.1              | 68.8           | 92.9                     | 141.2      | 97.9               | 81.4         | 117.2          | 113.3           | 113.1         | 111.6           | 111.7          | 111.7 | 108.7 | 109.3 | 109.3                  | 93.8 |       |      |                            |          |
| 2004 Q1 | 49.3           | 75.0            | 71.1              | 67.6           | 100.1                    | 150.9      | 102.6              | 85.9         | 113.5          | 112.4           | 111.2         | 108.7           |                |       |       |       |                        |      |       |      |                            |          |
| Q2      | 53.9           | 79.6            | 75.8              | 64.1           | 103.7                    | 152.7      | 107.8              | 89.0         | 121.6          | 114.1           | 115.1         | 110.9           | 112.2          | 96.9  |       |       |                        |      |       |      |                            |          |
| Q3      | 55.3           | 80.9            | 77.1              | 63.1           | 102.9                    | 146.6      | 110.3              | 89.7         | 117.7          | 105.8           | 108.3         | 103.4           | 105.2          | 95.2  |       |       |                        |      |       |      |                            |          |
| Q4      | 54.7           | 82.1            | 78.0              | 61.0           | 100.5                    | 142.9      | 109.8              | 89.1         | 115.7          | 108.4           | 109.3         | 101.4           | 104.5          | 94.6  |       |       |                        |      |       |      |                            |          |
| 2005 Q1 | 53.3           | 82.5            | 78.2              | 57.9           | 97.7                     | 138.5      | 107.2              | 87.4         | 119.9          | 103.9           | 107.8         | 104.4           | 105.4          | 93.6  |       |       |                        |      |       |      |                            |          |
| Q2      | 51.1           | 83.0            | 78.3              | 59.1           | 95.9                     | 136.2      | 105.5              | 86.8         | 125.2          | 101.5           | 107.8         | 110.6           | 108.7          | 94.3  |       |       |                        |      |       |      |                            |          |
| Q3      | 50.1           | 85.2            | 80.0              | 57.7           | 93.0                     | 141.4      | 104.7              | 86.8         | 124.5          | 98.4            | 105.5         | 108.4           | 106.5          | 93.6  |       |       |                        |      |       |      |                            |          |
| Q4      | 49.1           | 83.8            | 78.7              | 58.8           | 88.5                     | 144.2      | 102.6              | 85.5         | 111.9          | 97.6            | 101.0         | 106.8           | 103.5          | 91.7  |       |       |                        |      |       |      |                            |          |
| 2006 Q1 | 53.9           | 82.6            | 78.3              | 60.5           | 86.8                     | 147.4      | 103.5              | 85.9         | 110.3          | 96.1            | 99.5          | 105.0           | 101.8          | 91.5  |       |       |                        |      |       |      |                            |          |
| Q2      | 56.6           | 82.2            | 78.4              | 58.4           | 86.1                     | 154.5      | 107.8              | 87.2         | 110.7          | 96.0            | 99.6          | 105.3           | 102.0          | 92.4  |       |       |                        |      |       |      |                            |          |
| Q3      | 59.4           | 83.4            | 79.8              | 54.2           | 83.9                     | 152.4      | 110.1              | 87.3         | 109.7          | 94.5            | 98.2          | 109.8           | 103.7          | 93.1  |       |       |                        |      |       |      |                            |          |
| Q4      | 61.9           | 84.7            | 81.2              | 52.6           | 82.6                     | 152.9      | 114.7              | 88.9         | 116.8          | 89.8            | 97.3          | 106.1           | 101.3          | 93.4  |       |       |                        |      |       |      |                            |          |
| 2007 Q1 | 62.8           | 85.4            | 82.0              | 52.4           | 81.9                     | 157.3      | 119.2              | 90.6         | 114.4          | 88.8            | 95.8          | 110.6           | 102.9          | 95.1  |       |       |                        |      |       |      |                            |          |
| Q2      | 69.4           | 85.4            | 83.0              | 51.7           | 81.6                     | 159.3      | 121.5              | 91.6         | 114.0          | 90.9            | 97.1          | 112.6           | 104.6          | 96.3  |       |       |                        |      |       |      |                            |          |
| Q3      | 70.9           | 83.7            | 81.7              | 52.7           | 81.8                     | 158.2      | 124.1              | 92.1         | 105.7          | 91.7            | 95.2          | 109.7           | 102.1          | 95.8  |       |       |                        |      |       |      |                            |          |
| Q4      | 69.5           | 81.9            | 80.0              | 54.2           | 82.6                     | 148.0      | 123.6              | 91.2         | 101.9          | 87.4            | 91.0          | 108.5           | 99.5           | 94.4  |       |       |                        |      |       |      |                            |          |
| 2008 Q1 | 68.4           | 79.2            | 77.5              | 56.0           | 83.0                     | 136.8      | 128.1              | 91.6         | 106.3          | 89.8            | 94.0          | 111.1           | 102.2          | 95.5  |       |       |                        |      |       |      |                            |          |
| Q2      | 65.5           | 75.2            | 73.7              | 58.3           | 87.6                     | 134.8      | 131.7              | 92.2         | 106.8          | 89.5            | 94.0          | 115.1           | 104.1          | 96.5  |       |       |                        |      |       |      |                            |          |
| Q3      | 64.6           | 68.2            | 67.6              | 60.5           | 89.9                     | 120.4      | 127.1              | 88.6         | 113.8          | 92.0            | 97.8          | 119.8           | 108.4          | 95.5  |       |       |                        |      |       |      |                            |          |
| Q4      | 63.0           | 60.5            | 60.8              | 62.0           | 93.9                     | 111.9      | 127.2              | 86.6         | 111.4          | 88.2            | 94.4          | 114.8           | 104.3          | 92.8  |       |       |                        |      |       |      |                            |          |
| 2009 Q1 | 58.2           | 52.2            | 53.0              | 57.8           | 94.4                     | 99.1       | 117.2              | 79.5         | 108.6          | 94.1            | 97.7          | 107.0           | 102.1          | 87.2  |       |       |                        |      |       |      |                            |          |
| Q2      | 54.4           | 46.0            | 47.1              | 59.0           | 95.6                     | 85.3       | 106.2              | 73.9         | 101.3          | 81.6            | 86.8          | 103.5           | 94.8           | 81.0  |       |       |                        |      |       |      |                            |          |
| Q3      | 57.0           | 44.2            | 45.9              | 64.3           | 103.9                    | 79.5       | 99.8               | 73.1         | 105.6          | 78.5            | 85.9          | 100.9           | 93.1           | 80.0  |       |       |                        |      |       |      |                            |          |
| Q4      | 67.0           | 41.9            | 45.4              | 68.7           | 116.0                    | 78.4       | 89.3               | 72.0         | 113.2          | 83.9            | 91.9          | 108.5           | 99.9           | 81.4  |       |       |                        |      |       |      |                            |          |
| 2010 Q1 | 78.0           | 44.0            | 48.8              | 81.2           | 127.3                    | 83.9       | 81.7               | 74.7         | 108.4          | 74.1            | 83.6          | 99.3            | 91.2           | 80.4  |       |       |                        |      |       |      |                            |          |
| Q2      | 91.5           | 48.0            | 54.1              | 90.5           | 142.0                    | 86.3       | 89.8               | 82.5         | 116.6          | 80.7            | 90.7          | 84.3            | 87.6           | 84.3  |       |       |                        |      |       |      |                            |          |
| Q3      | 96.6           | 52.7            | 58.9              | 93.2           | 148.0                    | 89.5       | 91.6               | 86.1         | 119.6          | 86.0            | 95.4          | 90.0            | 92.8           | 88.4  |       |       |                        |      |       |      |                            |          |
| Q4      | 107.9          | 56.7            | 63.9              | 86.9           | 143.2                    | 103.9      | 96.4               | 88.3         | 115.8          | 91.6            | 98.4          | 88.0            | 93.4           | 90.1  |       |       |                        |      |       |      |                            |          |
| 2011 Q1 | 105.1          | 56.3            | 63.2              | 77.4           | 150.7                    | 83.1       | 91.2               | 84.6         | 113.4          | 89.9            | 96.5          | 90.1            | 93.4           | 87.7  |       |       |                        |      |       |      |                            |          |
| Q2      | 108.7          | 57.3            | 64.5              | 90.2           | 149.6                    | 81.6       | 90.4               | 87.1         | 108.9          | 87.2            | 93.2          | 92.8            | 93.0           | 89.1  |       |       |                        |      |       |      |                            |          |
| Q3      | 104.7          | 58.1            | 64.7              | 99.6           | 137.7                    | 84.3       | 94.4               | 88.8         | 108.6          | 86.5            | 92.7          | 92.4            | 92.5           | 90.1  |       |       |                        |      |       |      |                            |          |
| Q4      | 100.6          | 59.6            | 65.4              | 94.1           | 128.9                    | 80.4       | 96.1               | 87.4         | 104.7          | 86.7            | 91.7          | 94.9            | 93.3           | 89.5  |       |       |                        |      |       |      |                            |          |
| 2012 Q1 | 95.8           | 58.1            | 63.4              | 93.2           | 123.6                    | 82.2       | 97.2               | 86.3         | 105.4          | 90.6            | 94.7          | 95.9            | 95.3           | 89.4  |       |       |                        |      |       |      |                            |          |
| Q2      | 91.2           | 60.2            | 64.5              | 85.9           | 115.8                    | 88.7       | 88.8               | 82.4         | 106.1          | 87.9            | 93.0          | 95.1            | 94.0           | 86.4  |       |       |                        |      |       |      |                            |          |
| Q3      | 82.2           | 55.6            | 59.4              | 79.8           | 106.8                    | 88.6       | 88.3               | 78.2         | 108.1          | 83.5            | 90.4          | 94.1            | 92.2           | 83.0  |       |       |                        |      |       |      |                            |          |
| Q4      | 85.7           | 54.8            | 59.1              | 85.2           | 103.4                    | 87.3       | 81.2               | 76.6         | 111.5          | 82.5            | 90.6          | 92.0            | 91.3           | 81.7  |       |       |                        |      |       |      |                            |          |
| 2013 Q1 | 83.9           | 56.9            | 60.7              | 86.3           | 100.4                    | 95.2       | 82.6               | 77.8         | 111.2          | 79.7            | 88.5          | 93.3            | 90.8           | 82.3  |       |       |                        |      |       |      |                            |          |
| Q2      | 82.1           | 56.3            | 59.9              | 86.1           | 95.1                     | 90.0       | 83.5               | 76.9         | 107.5          | 82.3            | 89.3          | 94.5            | 91.8           | 82.1  |       |       |                        |      |       |      |                            |          |
| Q3      | 88.3           | 61.6            | 65.3              | 85.8           | 96.9                     | 79.1       | 83.0               | 78.4         | 103.7          | 84.2            | 89.6          | 96.3            | 92.8           | 83.4  |       |       |                        |      |       |      |                            |          |
| Q4      | 92.8           | 63.8            | 67.9              | 84.9           | 99.2                     | 78.5       | 88.2               | 80.9         | 102.8          | 87.2            | 91.6          | 98.8            | 95.1           | 85.8  |       |       |                        |      |       |      |                            |          |
| 2014 Q1 | 102.4          | 67.3            | 72.2              | 87.9           | 94.4                     | 79.1       | 86.3               | 82.0         | 104.9          | 87.7            | 92.5          | 100.6           | 96.4           | 87.0  |       |       |                        |      |       |      |                            |          |
| Q2      | 111.6          | 72.5            | 78.0              | 84.4           | 91.4                     | 87.4       | 89.1               | 84.3         | 106.8          | 93.3            | 97.1          | 99.6            | 98.3           | 89.2  |       |       |                        |      |       |      |                            |          |
| Q3      | 120.4          | 75.4            | 81.7              | 81.3           | 94.7                     | 98.2       | 90.0               | 86.2         | 107.5          | 92.7            | 96.8          | 104.2           | 100.4          | 91.1  |       |       |                        |      |       |      |                            |          |
| Q4      | 127.9          | 81.6            | 88.1              | 84.1           | 97.3                     | 98.3       | 90.4               | 89.5         | 108.6          | 94.8            | 98.6          | 104.9           | 101.7          | 93.7  |       |       |                        |      |       |      |                            |          |
| 2015 Q1 | 122.9          | 82.5            | 88.2              | 87.8           | 99.4                     | 95.0       | 92.8               | 91.0         | 106.6          | 92.0            | 96.0          | 103.8           | 99.8           | 94.1  |       |       |                        |      |       |      |                            |          |
| Q2      | 114.9          | 84.2            | 88.5              | 101.6          | 92.8                     | 105.6      | 91.3               | 93.0         | 108.3          | 91.4            | 96.1          | 102.3           | 99.1           | 95.1  |       |       |                        |      |       |      |                            |          |
| Q3      | 110.0          | 87.9            | 91.0              | 104.9          | 95.3                     | 102.2      | 92.5               | 95.0         | 108.4          | 95.5            | 99.1          | 98.3            | 98.7           | 96.3  |       |       |                        |      |       |      |                            |          |
| Q4      | 93.1           | 86.0            | 87.0              | 104.2          | 98.4                     | 110.7      | 92.1               | 94.1         | 108.9          | 96.0            | 99.6          | 98.1            | 98.9           | 95.7  |       |       |                        |      |       |      |                            |          |
| 2016 Q1 | 90.8           | 89.9            | 90.0              | 103.2          | 98.9                     | 104.4      | 96.0               | 95.9         | 106.4          | 95.9            | 98.8          | 100.6           | 99.7           | 97.2  |       |       |                        |      |       |      |                            |          |
| Q2      | 95.6           | 98.8            | 98.4              | 97.1           | 101.6                    | 104.1      | 99.1               | 99.0         | 101.6          | 97.3            | 98.5          | 100.5           | 99.5           | 99.2  |       |       |                        |      |       |      |                            |          |
| Q3      | 100.5          | 100.8           | 100.8             | 100.5          | 101.4                    | 96.9       | 100.7              | 100.6        | 95.4           | 101.4           | 99.7          | 99.4            | 99.6           | 100.2 |       |       |                        |      |       |      |                            |          |
| Q4      | 108.9          | 104.0           | 104.7             | 102.0          | 100.3                    | 102.2      | 103.2              | 103.2        | 105.0          | 102.9           | 103.2         | 103.1           | 103.1          | 103.1 |       |       |                        |      |       |      |                            |          |
| 2017 Q1 | 118.0          | 106.9           | 108.4             | 105.3          | 102.5                    | 97.0       | 109.6              | 107.0        | 97.0           | 108.0           | 104.9         | 105.8           | 105.4          | 106.4 |       |       |                        |      |       |      |                            |          |
| Q2      | 121.5          | 107.3           | 109.3             | 105.2          | 99.3                     | 100.4      | 109.2              | 107.0        | 98.9           | 110.1           | 107.0         | 106.2           | 106.6          | 106.9 |       |       |                        |      |       |      |                            |          |
| Q3      | 124.5          | 109.7           | 111.8             | 105.8          | 95.5                     | 108.1      | 107.3              | 107.4        | 97.8           | 110.1           | 106.7         | 107.6           | 107.1          | 107.3 |       |       |                        |      |       |      |                            |          |
| Q4      | 123.1          | 116.0           | 117.0             | 105.3          | 93.7                     | 105.2      | 104.0              | 107.9        | 97.0           | 110.3           | 106.6         | 107.8           | 107.2          | 107.7 |       |       |                        |      |       |      |                            |          |
| 2018 Q1 | 113.5          | 116.0           | 115.7             | 108.0          | 88.2                     | 111.2      | 103.8              | 107.5        | 96.4           | 106.9           | 104.0         | 106.6           | 105.3          | 106.8 |       |       |                        |      |       |      |                            |          |
| Q2      | 125.3          | 113.2           | 114.9             | 110.9          | 80.8                     | 118.1      | 104.5              | 107.5        | 98.4           | 108.4           | 105.6         | 110.8           | 108.1          | 107.7 |       |       |                        |      |       |      |                            |          |

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

# 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                | Non housing R&M |       |       |       |      |                | Public housing | Private housing | Total housing |                        |      |      |      |      |                            |          |
| 2012 | MV36           | MV37            | MVL7              | MV38           | MV39                     | MV3A               | MV3B               | MV3C         | MV3D                   | MV3E            | MV3F  | MV3G  | MV3H  | MV3I | MV3J           | MV3K           | MV3L            | MV3M          | MV3N                   | MV3O | MV3P | MV3Q | MV3R |                            |          |
| Jul  | 88.3           | 54.3            | 59.1              | 78.3           | 103.3                    | 88.5               | 81.3               | 75.4         | 111.4                  | 88.1            | 94.6  | 93.7  | 94.2  | 81.9 | 88.3           | 81.7           | 89.5            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Aug  | 84.1           | 53.1            | 57.5              | 91.3           | 103.9                    | 84.6               | 82.2               | 77.4         | 110.7                  | 81.0            | 89.3  | 90.5  | 94.2  | 81.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Sep  | 84.6           | 57.0            | 60.9              | 86.0           | 103.1                    | 88.8               | 80.3               | 77.2         | 112.2                  | 78.4            | 87.8  | 91.8  | 94.2  | 81.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Oct  | 83.2           | 56.9            | 60.6              | 87.2           | 106.4                    | 94.1               | 82.2               | 78.5         | 111.8                  | 78.2            | 87.6  | 91.7  | 94.2  | 81.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Nov  | 83.6           | 57.8            | 61.4              | 87.6           | 100.0                    | 95.0               | 82.0               | 78.1         | 112.7                  | 79.8            | 89.0  | 96.5  | 92.6  | 83.1 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Dec  | 85.0           | 55.9            | 60.0              | 84.1           | 94.9                     | 96.4               | 83.5               | 76.9         | 109.2                  | 81.2            | 89.0  | 91.8  | 90.4  | 81.6 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| 2013 | Jan            | 80.6            | 54.2              | 57.9           | 83.3                     | 91.1               | 94.6               | 84.3         | 75.7                   | 106.8           | 81.7  | 88.7  | 93.3  | 90.9 | 81.0           | 88.3           | 81.7            | 89.2          | 90.5                   | 89.9 | 81.7 | 89.7 | 81.5 | 89.6                       | 82.3     |
| Feb  | 83.9           | 58.4            | 61.9              | 86.9           | 97.0                     | 90.8               | 82.7               | 77.9         | 109.2                  | 82.8            | 90.1  | 96.0  | 92.9  | 83.1 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Mar  | 81.7           | 56.3            | 59.9              | 88.3           | 97.1                     | 84.6               | 83.4               | 77.3         | 106.7                  | 82.4            | 89.2  | 94.1  | 91.6  | 82.2 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Apr  | 87.4           | 60.2            | 64.1              | 84.4           | 94.3                     | 81.3               | 82.5               | 77.3         | 107.5                  | 82.1            | 89.2  | 94.7  | 91.9  | 82.4 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| May  | 88.2           | 60.5            | 64.4              | 84.1           | 98.6                     | 77.9               | 83.5               | 78.0         | 102.3                  | 84.4            | 89.4  | 96.2  | 92.7  | 83.1 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jun  | 89.5           | 63.9            | 67.5              | 89.0           | 98.0                     | 78.0               | 83.0               | 79.9         | 101.3                  | 86.1            | 90.4  | 97.9  | 94.0  | 84.8 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jul  | 91.5           | 62.4            | 66.5              | 85.4           | 98.0                     | 75.6               | 85.9               | 79.6         | 98.5                   | 86.1            | 89.6  | 97.0  | 93.2  | 84.3 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Aug  | 93.0           | 64.5            | 68.5              | 88.0           | 97.4                     | 86.2               | 88.0               | 81.8         | 106.5                  | 87.6            | 92.8  | 101.0 | 96.8  | 87.0 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Sep  | 94.0           | 64.4            | 68.6              | 81.3           | 102.1                    | 73.6               | 90.7               | 81.3         | 103.5                  | 88.0            | 92.3  | 98.5  | 95.3  | 86.2 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Oct  | 103.3          | 66.9            | 72.0              | 90.9           | 97.2                     | 78.2               | 88.4               | 83.4         | 105.9                  | 87.8            | 92.8  | 102.0 | 97.2  | 88.2 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Nov  | 104.0          | 66.3            | 71.6              | 86.5           | 93.2                     | 76.7               | 85.2               | 81.0         | 104.0                  | 89.2            | 93.3  | 99.6  | 96.3  | 86.3 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Dec  | 100.0          | 68.6            | 73.1              | 86.4           | 92.6                     | 82.3               | 85.1               | 81.7         | 104.8                  | 86.1            | 91.3  | 100.4 | 95.7  | 86.5 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| 2014 | Jan            | 107.3           | 75.2              | 79.7           | 86.4                     | 91.3               | 81.5               | 87.2         | 84.5                   | 111.0           | 90.7  | 96.3  | 100.3 | 98.2 | 89.3           | 88.3           | 81.7            | 89.4          | 90.5                   | 89.9 | 81.7 | 89.7 | 81.5 | 89.6                       | 82.3     |
| Feb  | 112.6          | 70.2            | 76.2              | 85.4           | 90.3                     | 88.6               | 87.8               | 83.4         | 104.8                  | 94.9            | 97.7  | 99.3  | 98.4  | 88.6 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Mar  | 114.8          | 72.2            | 78.2              | 81.4           | 92.7                     | 92.2               | 92.1               | 85.1         | 104.8                  | 94.3            | 97.2  | 99.3  | 98.2  | 89.6 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Apr  | 112.0          | 73.7            | 79.1              | 80.8           | 96.5                     | 98.1               | 90.9               | 85.6         | 108.3                  | 94.6            | 98.4  | 104.1 | 101.2 | 91.0 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| May  | 123.0          | 75.7            | 82.4              | 82.9           | 92.3                     | 97.8               | 89.6               | 86.4         | 106.4                  | 92.8            | 96.6  | 103.8 | 99.8  | 98.2 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jun  | 126.1          | 76.8            | 83.7              | 80.2           | 95.4                     | 98.6               | 89.6               | 86.7         | 107.9                  | 90.6            | 95.4  | 105.3 | 100.2 | 97.4 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jul  | 125.2          | 81.2            | 87.4              | 83.6           | 95.5                     | 98.4               | 90.6               | 89.0         | 108.0                  | 93.0            | 97.2  | 103.1 | 100.0 | 92.8 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Aug  | 129.7          | 81.1            | 87.9              | 82.8           | 98.7                     | 97.4               | 89.6               | 89.1         | 110.1                  | 98.3            | 101.6 | 105.7 | 103.6 | 94.1 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Sep  | 128.8          | 82.6            | 89.1              | 85.8           | 97.8                     | 99.1               | 91.1               | 90.5         | 107.5                  | 93.1            | 97.1  | 106.0 | 104.4 | 94.3 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Oct  | 126.1          | 82.2            | 88.3              | 86.8           | 103.2                    | 92.3               | 90.2               | 90.4         | 105.4                  | 92.6            | 96.2  | 103.4 | 101.2 | 91.0 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Nov  | 121.8          | 84.3            | 89.6              | 89.1           | 98.6                     | 94.2               | 93.4               | 91.8         | 109.4                  | 91.9            | 96.8  | 105.0 | 100.7 | 94.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Dec  | 120.8          | 81.2            | 86.7              | 87.5           | 96.5                     | 98.5               | 95.0               | 90.9         | 105.2                  | 91.3            | 95.2  | 103.0 | 99.0  | 97.4 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| 2015 | Jan            | 113.2           | 85.0              | 89.0           | 99.7                     | 90.7               | 108.0              | 92.5         | 93.1                   | 109.3           | 91.2  | 96.3  | 103.4 | 99.7 | 95.4           | 88.3           | 81.7            | 89.4          | 90.5                   | 89.9 | 81.7 | 89.7 | 81.5 | 89.6                       | 82.3     |
| Feb  | 117.6          | 82.6            | 87.5              | 99.1           | 94.9                     | 106.1              | 92.1               | 92.7         | 106.8                  | 89.6            | 94.4  | 99.7  | 96.9  | 94.2 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Mar  | 113.8          | 85.0            | 89.1              | 106.2          | 92.9                     | 102.6              | 89.2               | 93.3         | 108.8                  | 93.3            | 97.6  | 103.8 | 100.6 | 95.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Apr  | 120.2          | 88.1            | 92.6              | 108.0          | 92.9                     | 104.5              | 90.1               | 95.4         | 105.4                  | 95.0            | 97.9  | 99.3  | 99.3  | 98.6 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| May  | 105.6          | 89.5            | 91.8              | 104.8          | 94.3                     | 98.0               | 91.6               | 94.7         | 110.0                  | 95.1            | 99.3  | 105.1 | 104.5 | 98.3 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jun  | 104.3          | 86.0            | 88.6              | 101.8          | 98.8                     | 104.1              | 95.6               | 94.9         | 109.8                  | 96.3            | 97.6  | 100.1 | 97.4  | 97.4 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Jul  | 97.9           | 86.5            | 88.1              | 107.3          | 99.0                     | 112.7              | 93.0               | 95.5         | 107.8                  | 95.7            | 99.1  | 99.6  | 99.3  | 99.3 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Aug  | 89.0           | 85.5            | 86.0              | 103.7          | 97.0                     | 109.6              | 92.8               | 93.6         | 107.9                  | 95.3            | 98.8  | 95.5  | 97.2  | 94.9 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Sep  | 92.5           | 86.0            | 86.9              | 101.6          | 99.3                     | 109.9              | 90.6               | 93.2         | 110.8                  | 96.8            | 100.7 | 99.2  | 100.0 | 95.5 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Oct  | 91.1           | 88.8            | 89.1              | 102.1          | 99.2                     | 105.3              | 96.4               | 95.5         | 106.8                  | 97.2            | 99.9  | 99.8  | 99.8  | 99.8 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Nov  | 89.3           | 88.0            | 88.2              | 97.0           | 98.5                     | 106.6              | 96.4               | 94.2         | 105.3                  | 96.1            | 98.7  | 98.7  | 100.4 | 99.5 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| Dec  | 92.0           | 92.9            | 92.8              | 110.3          | 98.9                     | 101.4              | 95.2               | 97.8         | 107.0                  | 94.4            | 97.9  | 99.7  | 99.7  | 99.7 | 88.3           | 81.7           | 89.4            | 90.5          | 89.9                   | 81.7 | 89.7 | 81.5 | 89.6 | 82.3                       |          |
| 2016 | Jan            | 96.5            | 93.1              | 93.5           | 99.9                     | 98.8               | 96.8               | 98.4         | 96.9                   | 106.0           | 97.3  | 99.7  | 99.4  | 99.1 | 98.7           | 88.3           | 81.7            | 89.4          | 90.5                   | 89.9 | 81.7 | 89.7 | 81.5 | 89.6                       | 82.3     |
| Feb  | 92.2           | 98.8            | 97.9              | 102.2          | 98.5                     | 90.8               | 98.3               | 98.6         | 106.1                  | 95.4            |       |       |       |      |                |                |                 |               |                        |      |      |      |      |                            |          |

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

Index 2016 = 100

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

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

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

Index 2016 = 100

|         | New Housing    |      |                 |       |                   |                |                          |      |                        |       |                    |       | Other New Work |                |                 |               | Repair and Maintenance |       |       |       | All Repair and 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   | Public housing | Private housing | Total housing | Non housing R&M        |       |       |       |                            |          |  |
|         | MV3J           | MV3K | MVL8            | MV3L  | MV3M              | MV3N           | MV3O                     | MV3P | MV3Q                   | MV3R  | MV3S               | MV3T  | MV3U           | MV3V           | MV3W            | MV3X          | MV3Y                   | MV3Z  | MV3A  | MV3B  |                            |          |  |
| 2003 Q3 | 45.9           | 70.3 | 66.9            | 69.7  | 91.9              | 139.6          | 96.3                     | 82.1 | 117.2                  | 115.7 | 116.1              | 108.5 | 112.5          | 92.6           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 46.3           | 76.8 | 72.5            | 66.5  | 100.4             | 153.1          | 102.3                    | 86.8 | 110.8                  | 114.3 | 113.3              | 104.8 | 109.2          | 94.6           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2004 Q1 | 55.8           | 80.6 | 77.1            | 62.9  | 101.2             | 149.4          | 104.4                    | 88.4 | 127.9                  | 113.6 | 117.6              | 105.0 | 111.5          | 96.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 58.0           | 82.5 | 79.0            | 63.4  | 101.7             | 143.7          | 108.2                    | 90.1 | 117.7                  | 106.8 | 109.8              | 96.5  | 103.4          | 94.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 54.3           | 84.6 | 80.3            | 62.0  | 100.0             | 141.1          | 108.5                    | 90.1 | 115.3                  | 110.8 | 112.0              | 99.0  | 105.8          | 95.5           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 50.1           | 84.5 | 79.7            | 56.9  | 97.9              | 140.5          | 106.6                    | 88.1 | 116.7                  | 106.4 | 109.3              | 101.0 | 105.3          | 94.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2005 Q1 | 53.4           | 84.2 | 79.9            | 58.2  | 94.6              | 135.0          | 103.0                    | 86.7 | 132.4                  | 101.0 | 109.8              | 105.1 | 107.5          | 93.9           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 52.4           | 87.1 | 82.2            | 58.0  | 91.7              | 138.9          | 102.6                    | 87.3 | 123.6                  | 99.4  | 106.2              | 101.1 | 103.7          | 93.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 48.6           | 86.6 | 81.3            | 60.1  | 88.1              | 141.8          | 101.8                    | 86.8 | 111.6                  | 99.6  | 103.0              | 104.5 | 103.7          | 92.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 51.1           | 84.4 | 79.7            | 59.3  | 86.7              | 148.8          | 102.5                    | 86.5 | 107.8                  | 99.2  | 101.6              | 101.7 | 101.7          | 91.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2006 Q1 | 59.3           | 83.7 | 80.2            | 57.6  | 85.5              | 154.7          | 105.9                    | 87.5 | 117.1                  | 95.5  | 101.5              | 100.3 | 100.9          | 92.1           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 61.9           | 85.7 | 82.4            | 54.9  | 82.8              | 150.0          | 107.9                    | 87.8 | 108.8                  | 96.0  | 99.6               | 102.7 | 101.1          | 92.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 61.9           | 88.0 | 84.3            | 54.1  | 82.9              | 150.7          | 114.7                    | 90.4 | 117.7                  | 91.7  | 99.0               | 104.4 | 101.6          | 94.3           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 60.1           | 87.6 | 83.7            | 51.6  | 82.2              | 159.1          | 118.3                    | 91.1 | 113.3                  | 92.9  | 98.6               | 107.8 | 103.0          | 95.2           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2007 Q1 | 72.3           | 87.4 | 85.3            | 51.2  | 81.3              | 160.4          | 119.9                    | 92.0 | 119.5                  | 90.3  | 98.4               | 107.8 | 102.9          | 95.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 73.3           | 86.7 | 84.8            | 53.8  | 80.9              | 156.3          | 122.2                    | 92.7 | 105.2                  | 93.9  | 97.1               | 103.1 | 100.0          | 95.2           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 70.1           | 85.3 | 83.2            | 55.8  | 83.2              | 146.3          | 124.5                    | 93.0 | 104.0                  | 89.2  | 93.3               | 107.1 | 100.0          | 95.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 65.8           | 81.1 | 79.0            | 55.0  | 83.5              | 139.1          | 127.0                    | 91.7 | 105.9                  | 94.6  | 97.7               | 108.5 | 102.9          | 95.6           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2008 Q1 | 67.7           | 77.2 | 75.9            | 57.8  | 87.3              | 135.8          | 130.1                    | 92.3 | 110.6                  | 88.7  | 94.8               | 110.5 | 102.4          | 95.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 66.5           | 70.8 | 70.2            | 62.0  | 89.0              | 118.0          | 125.2                    | 88.9 | 113.9                  | 94.4  | 99.9               | 112.7 | 106.1          | 94.9           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 64.2           | 63.4 | 63.5            | 63.8  | 94.6              | 111.0          | 128.9                    | 88.2 | 115.5                  | 90.3  | 97.3               | 113.6 | 105.1          | 94.1           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 56.4           | 53.3 | 53.7            | 56.7  | 95.5              | 101.6          | 115.9                    | 79.2 | 107.9                  | 99.3  | 101.7              | 104.5 | 103.1          | 87.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2009 Q1 | 56.4           | 47.0 | 48.3            | 58.7  | 95.1              | 85.3           | 103.9                    | 73.3 | 103.9                  | 80.3  | 86.9               | 99.2  | 92.8           | 80.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 59.2           | 46.0 | 47.8            | 66.3  | 103.1             | 77.3           | 98.6                     | 73.5 | 106.5                  | 80.7  | 87.9               | 95.0  | 91.3           | 79.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 68.4           | 43.9 | 47.4            | 70.4  | 115.9             | 77.7           | 91.2                     | 73.4 | 118.0                  | 85.8  | 94.7               | 107.0 | 100.6          | 82.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 76.0           | 44.9 | 49.3            | 79.7  | 129.0             | 87.1           | 80.8                     | 74.7 | 106.9                  | 78.9  | 86.7               | 97.0  | 91.6           | 80.6           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2010 Q1 | 86.5           | 43.7 | 49.7            | 85.8  | 131.1             | 83.9           | 83.3                     | 76.9 | 120.3                  | 73.1  | 86.3               | 82.9  | 84.6           | 79.5           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 100.5          | 54.9 | 61.3            | 94.1  | 145.8             | 90.8           | 90.4                     | 86.6 | 114.9                  | 85.2  | 93.5               | 87.4  | 90.6           | 88.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 108.1          | 57.6 | 64.7            | 88.5  | 155.3             | 105.0          | 101.2                    | 91.6 | 116.2                  | 94.0  | 100.2              | 93.6  | 97.0           | 93.5           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 106.0          | 57.6 | 64.4            | 79.6  | 151.6             | 83.1           | 94.2                     | 86.5 | 113.9                  | 95.9  | 100.9              | 88.5  | 94.9           | 89.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2011 Q1 | 103.2          | 52.6 | 59.7            | 87.1  | 139.5             | 80.0           | 84.9                     | 81.9 | 114.7                  | 81.3  | 90.6               | 91.6  | 91.1           | 85.1           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 108.6          | 60.9 | 67.6            | 100.4 | 136.7             | 85.6           | 93.3                     | 89.7 | 104.2                  | 86.0  | 91.1               | 89.9  | 90.5           | 90.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 101.1          | 60.6 | 66.3            | 95.3  | 140.2             | 81.0           | 100.6                    | 90.5 | 104.4                  | 88.7  | 93.1               | 100.8 | 96.8           | 92.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 97.1           | 59.1 | 64.4            | 94.2  | 123.4             | 81.9           | 99.3                     | 87.5 | 104.4                  | 95.0  | 97.6               | 93.7  | 95.7           | 90.3           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2012 Q1 | 85.9           | 55.4 | 59.7            | 82.3  | 107.7             | 86.8           | 83.7                     | 77.5 | 111.9                  | 83.4  | 91.4               | 93.8  | 92.5           | 82.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 86.0           | 58.4 | 62.2            | 80.3  | 106.0             | 89.7           | 87.5                     | 79.1 | 103.7                  | 82.4  | 88.3               | 91.6  | 89.9           | 82.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 86.0           | 55.4 | 59.7            | 86.3  | 111.8             | 88.7           | 84.7                     | 79.0 | 110.6                  | 83.5  | 91.0               | 97.0  | 93.9           | 84.2           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 85.1           | 58.3 | 62.1            | 88.4  | 101.0             | 94.6           | 85.0                     | 79.5 | 110.7                  | 84.4  | 91.7               | 92.2  | 91.9           | 83.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2013 Q1 | 76.9           | 51.6 | 55.2            | 82.7  | 88.2              | 86.3           | 78.6                     | 72.2 | 112.1                  | 74.6  | 85.1               | 92.5  | 88.6           | 77.9           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 92.0           | 64.2 | 68.1            | 86.0  | 95.8              | 81.3           | 82.0                     | 79.2 | 99.9                   | 84.7  | 89.0               | 93.7  | 91.2           | 83.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 93.1           | 64.5 | 68.5            | 86.2  | 107.2             | 80.4           | 91.9                     | 83.5 | 103.0                  | 89.5  | 93.3               | 104.5 | 98.7           | 88.7           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 103.6          | 68.6 | 73.5            | 89.9  | 94.3              | 78.6           | 88.4                     | 83.4 | 104.0                  | 92.5  | 95.7               | 99.6  | 97.6           | 88.3           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2014 Q1 | 106.5          | 66.5 | 72.1            | 80.7  | 84.5              | 84.8           | 84.3                     | 79.2 | 111.5                  | 86.9  | 93.7               | 97.3  | 95.5           | 84.8           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 124.0          | 78.7 | 85.1            | 81.4  | 93.6              | 98.8           | 89.1                     | 87.1 | 104.0                  | 92.2  | 95.5               | 101.5 | 98.4           | 91.0           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 128.2          | 82.6 | 89.0            | 85.6  | 105.4             | 101.3          | 94.3                     | 92.3 | 108.8                  | 97.3  | 100.5              | 110.8 | 105.4          | 96.9           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 124.0          | 84.3 | 89.9            | 89.8  | 99.5              | 94.0           | 94.6                     | 92.5 | 105.2                  | 96.4  | 98.9               | 103.0 | 100.9          | 95.4           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| 2015 Q1 | 109.9          | 77.6 | 82.1            | 97.7  | 85.8              | 100.8          | 86.7                     | 87.6 | 113.6                  | 84.8  | 92.9               | 100.0 | 96.3           | 90.6           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q2      | 113.6          | 91.7 | 94.8            | 104.5 | 94.2              | 102.8          | 91.7                     | 96.0 | 105.1                  | 95.1  | 97.9               | 95.9  | 96.9           | 96.3           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q3      | 93.3           | 87.0 | 87.9            | 106.1 | 106.6             | 115.6          | 96.0                     | 97.0 | 109.0                  | 98.7  | 101.6              | 103.4 | 102.5          | 98.9           | 104.8           | 104.8         | 104.8                  | 104.8 | 104.8 | 104.8 |                            |          |  |
| Q4      | 91.9           | 91.8 | 91.8            | 105.5 | 98.8              | 103.7          | 97.5</td                 |      |                        |       |                    |       |                |                |                 |               |                        |       |       |       |                            |          |  |

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

Index 2016 = 100

|          | New Housing    |                 |                   |                |                          |              |                    |              |                |                 |               |                 | Other New Work |              |  |                            | Repair and Maintenance |  |  |  |  |  |
|----------|----------------|-----------------|-------------------|----------------|--------------------------|--------------|--------------------|--------------|----------------|-----------------|---------------|-----------------|----------------|--------------|--|----------------------------|------------------------|--|--|--|--|--|
|          |                |                 |                   |                | Excluding Infrastructure |              |                    |              |                |                 |               |                 | Housing        |              |  | All Repair and Maintenance |                        |  |  |  |  |  |
|          | Public housing | Private housing | Total new housing | Infrastructure | Private Public           | Industrial   | Private commercial | All new work | Public housing | Private housing | Total housing | Non housing R&M |                |              |  | All Work                   |                        |  |  |  |  |  |
| 2012 Jul | MV3J<br>87.7   | MV3K<br>56.1    | MVL8<br>60.6      | MVL8L<br>79.6  | MV3M<br>110.7            | MV3N<br>93.8 | MV3O<br>84.9       | MV3P<br>78.3 | MV3Q<br>110.9  | MV3R<br>91.6    | MV3S<br>96.9  | MV3T<br>97.9    | MV3U<br>97.4   | MV3V<br>84.9 |  |                            |                        |  |  |  |  |  |
| Aug      | 83.7           | 53.4            | 57.7              | 93.5           | 117.9                    | 84.2         | 87.1               | 80.8         | 110.3          | 81.2            | 89.3          | 98.9            | 93.9           | 85.4         |  |                            |                        |  |  |  |  |  |
| Sep      | 86.5           | 56.6            | 60.8              | 85.7           | 106.7                    | 88.2         | 82.0               | 78.0         | 110.6          | 77.7            | 86.9          | 94.3            | 90.4           | 82.3         |  |                            |                        |  |  |  |  |  |
| Oct      | 86.5           | 62.7            | 66.0              | 94.4           | 111.5                    | 96.3         | 92.0               | 85.3         | 117.7          | 88.3            | 96.5          | 97.2            | 96.8           | 89.3         |  |                            |                        |  |  |  |  |  |
| Nov      | 86.9           | 60.4            | 64.2              | 93.0           | 105.7                    | 96.0         | 88.6               | 82.7         | 119.0          | 89.0            | 97.4          | 98.7            | 98.0           | 88.0         |  |                            |                        |  |  |  |  |  |
| Dec      | 82.0           | 51.7            | 56.0              | 77.7           | 85.8                     | 91.5         | 74.3               | 70.3         | 95.4           | 75.8            | 81.3          | 80.7            | 81.0           | 74.0         |  |                            |                        |  |  |  |  |  |
| 2013 Jan | 66.0           | 46.3            | 49.1              | 72.6           | 76.7                     | 81.4         | 74.7               | 65.5         | 98.3           | 69.7            | 77.7          | 82.9            | 80.2           | 70.6         |  |                            |                        |  |  |  |  |  |
| Feb      | 76.8           | 52.1            | 55.6              | 80.2           | 86.3                     | 91.4         | 76.5               | 71.3         | 110.6          | 73.8            | 84.0          | 92.2            | 88.0           | 77.1         |  |                            |                        |  |  |  |  |  |
| Mar      | 87.9           | 56.4            | 60.8              | 95.3           | 101.6                    | 86.1         | 84.6               | 79.8         | 127.5          | 80.4            | 93.5          | 102.3           | 97.8           | 86.1         |  |                            |                        |  |  |  |  |  |
| Apr      | 84.4           | 61.3            | 64.5              | 83.7           | 92.1                     | 82.1         | 80.1               | 76.5         | 102.5          | 82.1            | 87.8          | 92.2            | 89.9           | 81.2         |  |                            |                        |  |  |  |  |  |
| May      | 89.2           | 62.5            | 66.2              | 85.3           | 99.3                     | 81.8         | 84.0               | 79.4         | 99.8           | 85.5            | 89.5          | 94.7            | 92.0           | 83.7         |  |                            |                        |  |  |  |  |  |
| Jun      | 102.5          | 69.0            | 73.7              | 88.9           | 96.0                     | 80.1         | 82.0               | 81.7         | 97.4           | 86.7            | 89.7          | 94.1            | 91.8           | 85.2         |  |                            |                        |  |  |  |  |  |
| Jul      | 91.0           | 65.3            | 68.9              | 87.9           | 106.2                    | 80.2         | 90.8               | 83.4         | 99.4           | 92.1            | 94.1          | 102.5           | 98.2           | 88.5         |  |                            |                        |  |  |  |  |  |
| Aug      | 92.5           | 63.5            | 67.5              | 88.9           | 108.5                    | 86.4         | 91.1               | 83.8         | 105.1          | 86.5            | 91.7          | 108.2           | 99.6           | 89.3         |  |                            |                        |  |  |  |  |  |
| Sep      | 95.9           | 64.7            | 69.1              | 81.9           | 106.9                    | 74.7         | 93.8               | 83.1         | 104.4          | 90.0            | 94.0          | 102.7           | 98.2           | 88.3         |  |                            |                        |  |  |  |  |  |
| Oct      | 106.3          | 73.2            | 77.8              | 98.0           | 101.2                    | 79.9         | 98.3               | 90.2         | 111.3          | 98.4            | 102.0         | 108.1           | 104.9          | 95.3         |  |                            |                        |  |  |  |  |  |
| Nov      | 106.9          | 67.9            | 73.4              | 90.6           | 96.6                     | 77.7         | 89.5               | 84.1         | 107.9          | 96.9            | 100.0         | 100.5           | 100.2          | 89.7         |  |                            |                        |  |  |  |  |  |
| Dec      | 97.7           | 64.6            | 69.2              | 81.1           | 85.3                     | 78.1         | 77.4               | 76.0         | 92.8           | 82.2            | 85.1          | 90.1            | 87.6           | 80.0         |  |                            |                        |  |  |  |  |  |
| 2014 Jan | 92.7           | 64.4            | 68.4              | 75.4           | 77.0                     | 69.4         | 77.9               | 73.5         | 102.6          | 79.3            | 85.8          | 89.3            | 87.5           | 78.3         |  |                            |                        |  |  |  |  |  |
| Feb      | 105.3          | 62.7            | 68.7              | 78.9           | 80.2                     | 88.6         | 81.8               | 76.6         | 106.1          | 85.7            | 91.4          | 95.3            | 93.2           | 82.4         |  |                            |                        |  |  |  |  |  |
| Mar      | 121.5          | 72.3            | 79.2              | 87.7           | 96.3                     | 96.4         | 93.2               | 87.6         | 125.8          | 95.6            | 104.0         | 107.5           | 105.7          | 93.8         |  |                            |                        |  |  |  |  |  |
| Apr      | 108.7          | 74.9            | 79.7              | 80.2           | 94.4                     | 95.1         | 88.7               | 84.8         | 104.0          | 91.7            | 95.1          | 101.4           | 98.2           | 89.4         |  |                            |                        |  |  |  |  |  |
| May      | 124.2          | 76.8            | 83.5              | 83.0           | 91.6                     | 101.0        | 88.8               | 86.6         | 102.2          | 91.8            | 94.7          | 99.8            | 97.1           | 90.3         |  |                            |                        |  |  |  |  |  |
| Jun      | 139.1          | 84.3            | 92.0              | 81.0           | 94.8                     | 100.2        | 89.8               | 90.0         | 105.8          | 93.1            | 96.6          | 103.2           | 99.8           | 93.4         |  |                            |                        |  |  |  |  |  |
| Jul      | 124.7          | 85.0            | 90.6              | 86.3           | 103.5                    | 103.6        | 95.8               | 93.3         | 108.7          | 99.2            | 101.9         | 108.6           | 105.1          | 97.4         |  |                            |                        |  |  |  |  |  |
| Aug      | 129.1          | 78.5            | 85.6              | 82.8           | 108.5                    | 98.1         | 91.2               | 89.8         | 107.2          | 95.3            | 98.6          | 111.1           | 104.7          | 95.0         |  |                            |                        |  |  |  |  |  |
| Sep      | 130.9          | 84.3            | 90.9              | 87.8           | 104.0                    | 102.3        | 96.0               | 93.8         | 110.6          | 97.3            | 101.0         | 112.6           | 106.6          | 98.2         |  |                            |                        |  |  |  |  |  |
| Oct      | 128.7          | 89.9            | 95.4              | 93.5           | 107.2                    | 93.8         | 100.0              | 97.6         | 110.3          | 103.3           | 105.2         | 109.7           | 107.4          | 101.0        |  |                            |                        |  |  |  |  |  |
| Nov      | 124.2          | 85.0            | 90.5              | 92.4           | 100.5                    | 95.2         | 95.4               | 93.6         | 110.9          | 97.6            | 101.3         | 104.7           | 103.0          | 96.8         |  |                            |                        |  |  |  |  |  |
| Dec      | 119.1          | 78.0            | 83.8              | 83.7           | 90.8                     | 92.9         | 88.3               | 86.3         | 94.4           | 88.4            | 90.1          | 94.7            | 92.3           | 88.4         |  |                            |                        |  |  |  |  |  |
| 2015 Jan | 98.5           | 71.9            | 75.7              | 86.1           | 75.5                     | 91.0         | 81.8               | 80.1         | 99.9           | 78.3            | 84.3          | 90.6            | 87.3           | 82.6         |  |                            |                        |  |  |  |  |  |
| Feb      | 110.0          | 74.1            | 79.1              | 91.5           | 84.5                     | 105.1        | 86.6               | 85.4         | 108.0          | 80.1            | 87.9          | 95.6            | 91.6           | 87.5         |  |                            |                        |  |  |  |  |  |
| Mar      | 121.1          | 86.7            | 91.5              | 115.7          | 97.4                     | 106.3        | 91.7               | 97.4         | 133.1          | 96.2            | 106.4         | 113.8           | 110.0          | 101.8        |  |                            |                        |  |  |  |  |  |
| Apr      | 116.7          | 89.9            | 93.6              | 107.2          | 91.0                     | 101.5        | 88.2               | 94.7         | 101.8          | 92.5            | 95.1          | 97.0            | 96.0           | 95.1         |  |                            |                        |  |  |  |  |  |
| May      | 106.7          | 89.2            | 91.6              | 103.2          | 92.2                     | 100.6        | 89.4               | 93.6         | 103.9          | 92.3            | 95.5          | 93.3            | 94.4           | 93.9         |  |                            |                        |  |  |  |  |  |
| Jun      | 117.5          | 96.2            | 99.2              | 103.2          | 99.4                     | 106.2        | 97.3               | 99.8         | 109.7          | 100.7           | 103.2         | 97.3            | 100.4          | 100.0        |  |                            |                        |  |  |  |  |  |
| Jul      | 97.4           | 90.6            | 91.5              | 111.0          | 107.4                    | 118.8        | 98.1               | 100.1        | 108.2          | 102.3           | 103.9         | 104.7           | 104.3          | 101.6        |  |                            |                        |  |  |  |  |  |
| Aug      | 88.0           | 82.6            | 83.4              | 103.6          | 106.8                    | 112.0        | 94.4               | 94.3         | 104.8          | 92.6            | 96.0          | 100.1           | 98.0           | 95.5         |  |                            |                        |  |  |  |  |  |
| Sep      | 94.6           | 87.7            | 88.7              | 103.8          | 105.7                    | 116.0        | 95.4               | 96.6         | 113.9          | 101.3           | 104.8         | 105.5           | 105.2          | 99.6         |  |                            |                        |  |  |  |  |  |
| Oct      | 93.5           | 95.4            | 95.1              | 108.5          | 101.2                    | 107.5        | 104.2              | 101.5        | 109.5          | 106.0           | 107.0         | 104.1           | 105.6          | 102.9        |  |                            |                        |  |  |  |  |  |
| Nov      | 91.3           | 90.3            | 90.4              | 102.2          | 101.8                    | 108.5        | 99.5               | 97.4         | 107.4          | 103.4           | 104.5         | 102.2           | 103.4          | 99.5         |  |                            |                        |  |  |  |  |  |
| Dec      | 91.0           | 89.7            | 89.8              | 105.8          | 93.4                     | 95.3         | 88.9               | 93.2         | 95.7           | 90.6            | 92.0          | 93.9            | 92.9           | 93.1         |  |                            |                        |  |  |  |  |  |
| 2016 Jan | 81.9           | 77.6            | 78.2              | 85.0           | 81.2                     | 81.4         | 86.0               | 82.2         | 95.2           | 82.4            | 86.0          | 85.7            | 85.8           | 83.5         |  |                            |                        |  |  |  |  |  |
| Feb      | 84.5           | 89.1            | 88.5              | 94.7           | 88.2                     | 88.8         | 93.5               | 91.1         | 111.1          | 91.6            | 97.1          | 95.6            | 96.3           | 92.9         |  |                            |                        |  |  |  |  |  |
| Mar      | 104.1          | 100.9           | 101.3             | 109.5          | 98.4                     | 101.5        | 98.3               | 101.7        | 129.6          | 96.5            | 105.7         | 102.9           | 104.4          | 102.6        |  |                            |                        |  |  |  |  |  |
| Apr      | 88.7           | 101.4           | 99.6              | 95.4           | 98.7                     | 103.9        | 95.1               | 97.6         | 99.0           | 96.2            | 97.0          | 98.0            | 97.5           | 97.6         |  |                            |                        |  |  |  |  |  |
| May      | 95.1           | 99.0            | 98.4              | 97.5           | 102.0                    | 110.7        | 98.6               | 99.3         | 96.4           | 94.2            | 94.8          | 96.0            | 95.4           | 97.9         |  |                            |                        |  |  |  |  |  |
| Jun      | 113.8          | 109.4           | 110.0             | 97.0           | 101.1                    | 103.3        | 101.8              | 103.9        | 99.5           | 102.5           | 101.7         | 100.1           | 100.9          | 102.9        |  |                            |                        |  |  |  |  |  |
| Jul      | 99.7           | 101.7           | 101.4             | 102.4          | 109.9                    | 100.3        | 101.8              | 102.6        | 94.1           | 102.9           | 100.4         | 100.9           | 100.7          | 101.9        |  |                            |                        |  |  |  |  |  |
| Aug      | 98.1           | 100.0           | 99.7              | 101.8          | 115.0                    | 99.3         | 105.8              | 103.6        | 92.9           | 100.8           | 98.6          | 107.8           | 103.0          | 103.4        |  |                            |                        |  |  |  |  |  |
| Sep      | 104.2          | 103.8           | 103.6             | 105.3          | 106.5                    | 107.4        | 105.1              | 105.1        | 98.2           | 107.9           | 105.2         | 106.0           | 105.6          | 105.3        |  |                            |                        |  |  |  |  |  |
| Oct      | 107.0          | 107.9           | 107.4             | 103.4          | 99.2                     | 104.0        | 107.7              | 105.8        | 96.8           | 107.6           | 104.6         | 106.8           | 105.7          | 105.8        |  |                            |                        |  |  |  |  |  |
| Nov      | 110.6          | 108.1           | 108.5             | 110.8          | 106.5                    | 105.9        | 106.8              | 108.1        | 98.2           | 114.7           | 110.1         | 105.7           | 108.0          | 108.1        |  |                            |                        |  |  |  |  |  |
| Dec      | 112.4          | 101.2           | 102.7             | 98.9           | 94.5                     | 94.3         | 97.3               | 99.1         | 88.9           | 102.6           | 98.8          | 94.4            | 96.7           | 98.3         |  |                            |                        |  |  |  |  |  |
| 2017 Jan | 97.2           | 90.7            | 91.6              | 95.5           | 88.4                     | 84.7         | 95.4               | 92.8         | 87.3           | 96.2            | 93.7          | 93.2            | 93.5           | 93.0         |  |                            |                        |  |  |  |  |  |
| Feb      | 106.9          | 95.2            | 96.9              | 95.3           | 90.5                     | 91.6         | 103.6              | 97.6         | 98.6           | 98.7            | 98.6          | 101.8           |                |              |  |                            |                        |  |  |  |  |  |
| Mar      | 132.6          | 113.8           | 116.4             | 112.2          | 107.0                    | 97.5         | 114.8              | 113.2        | 122.6          | 111.9           | 114.8         | 118.2           | 116.5          | 114.3        |  |                            |                        |  |  |  |  |  |
| Apr      | 111.8          | 103.1           | 104.3             | 101.9          | 95.6                     | 93.5         | 104.3              | 102.4        | 92.0           | 103.2           | 100.1         | 99.2            | 99.7           | 101.5        |  |                            |                        |  |  |  |  |  |
| May      | 130.1          | 108.1           | 111.2             | 106.4          | 100.5                    | 95.8         | 111.9              | 108.6        | 94.2           | 111.1           | 106.4         | 103.7           | 105.1          | 107.4        |  |                            |                        |  |  |  |  |  |
| Jun      | 134.7          | 122.6           | 124.3             | 105.8          | 97.1                     | 113.2        | 110.5              | 113.3        | 102.8          | 113.3           | 110.4         | 106.3           | 108.4          | 111.6        |  |                            |                        |  |  |  |  |  |
| Jul      | 122.4          | 109.2           | 111.0             | 106.7          | 96.1                     | 110.6        | 108.6              | 107.9        | 96.4           | 114.4           | 109.4         | 109.2           | 109.3          | 108.4        |  |                            |                        |  |  |  |  |  |
| Aug      | 123.5          | 111.9           | 113.5             | 109.3          | 112.8                    | 112.6        | 115.6              | 113.2        | 96.7           | 112.7           | 108.2         | 114.1           | 111.0          | 112.4        |  |                            |                        |  |  |  |  |  |
| Sep      | 128.6          | 110.0           | 112.6             | 107.6          | 100.4                    | 117.9        | 109.8              | 109.8        | 97.8           | 111.0           | 107.3         | 114.2           | 110.6          | 110.1        |  |                            |                        |  |  |  |  |  |
| Oct      | 117.8          | 120.0           | 119.7             | 110.8          | 96.5                     | 118.4        | 111.1              | 112.9        | 99.5           | 119.5           | 113.9         | 112.3           | 113.1          | 113.0        |  |                            |                        |  |  |  |  |  |
| Nov      | 126.6          | 121.7           | 122.4             | 108.8          | 95.8                     | 105.1        | 109.6              | 112.4        | 97.8           | 123.1           | 116.0         | 113.0           | 114.6          | 113.1        |  |                            |                        |  |  |  |  |  |
| Dec      | 129.0          | 113.5           | 115.7             | 104.4          | 92.1                     | 91.1         | 94.9               | 103.8        | 86.4           | 100.3           | 96.4          | 97.0            | 96.7           | 101.3        |  |                            |                        |  |  |  |  |  |
| 2018 Jan | 90.7           | 98.6            | 97.5              | 100.6          | 76.6                     | 96.8         | 95.6               | 95.2         | 92.0           | 97.1            | 95            |                 |                |              |  |                            |                        |  |  |  |  |  |

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

£ million

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

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

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

£ million

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

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# 2.A.M CONSTRUCTION OUTPUT: VOLUME 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 | All Work   | Repair and Maintenance | All Work                   | Repair and Maintenance | All Work |                        |  |  |  |  |
|          |                |                 |                   |                |                          |                    |                    |              |                |                 |               |                 |            |                        |                            |                        |          |                        |  |  |  |  |
| 2012 Jul | MV3W 376       | MV3X 1 412      | MVL9 1 787        | MV3Y 1 209     | MV3Z 952                 | MV42 337           | MV43 1 948         | MV44 6 234   | MV45 704       | MV46 1 442      | MV47 2 146    | MV48 1 981      | MV49 4 127 | MV4A 10 360            |                            |                        |          |                        |  |  |  |  |
| Aug      | 357            | 1 380           | 1 738             | 1 409          | 957                      | 322                | 1 970              | 6 396        | 699            | 1 325           | 2 024         | 1 913           | 3 937      | 10 333                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 360            | 1 480           | 1 840             | 1 328          | 950                      | 338                | 1 924              | 6 380        | 709            | 1 282           | 1 991         | 1 940           | 3 931      | 10 311                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 354            | 1 479           | 1 833             | 1 346          | 980                      | 359                | 1 972              | 6 489        | 706            | 1 280           | 1 986         | 1 937           | 3 923      | 10 412                 |                            |                        |          |                        |  |  |  |  |
| Nov      | 356            | 1 501           | 1 857             | 1 352          | 921                      | 362                | 1 965              | 6 457        | 712            | 1 305           | 2 017         | 2 039           | 4 056      | 10 513                 |                            |                        |          |                        |  |  |  |  |
| Dec      | 361            | 1 454           | 1 815             | 1 298          | 874                      | 367                | 2 002              | 6 357        | 690            | 1 328           | 2 018         | 1 940           | 3 958      | 10 315                 |                            |                        |          |                        |  |  |  |  |
| 2013 Jan | 343            | 1 408           | 1 751             | 1 285          | 840                      | 361                | 2 022              | 6 258        | 674            | 1 336           | 2 010         | 1 972           | 3 983      | 10 241                 |                            |                        |          |                        |  |  |  |  |
| Feb      | 357            | 1 517           | 1 873             | 1 341          | 894                      | 346                | 1 983              | 6 437        | 690            | 1 354           | 2 044         | 2 027           | 4 071      | 10 508                 |                            |                        |          |                        |  |  |  |  |
| Mar      | 348            | 1 464           | 1 811             | 1 363          | 895                      | 322                | 1 999              | 6 390        | 674            | 1 348           | 2 022         | 1 989           | 4 011      | 10 401                 |                            |                        |          |                        |  |  |  |  |
| Apr      | 372            | 1 566           | 1 937             | 1 302          | 868                      | 310                | 1 977              | 6 394        | 679            | 1 343           | 2 022         | 2 002           | 4 024      | 10 418                 |                            |                        |          |                        |  |  |  |  |
| May      | 375            | 1 573           | 1 948             | 1 298          | 908                      | 297                | 2 002              | 6 452        | 646            | 1 381           | 2 027         | 2 033           | 4 060      | 10 513                 |                            |                        |          |                        |  |  |  |  |
| Jun      | 380            | 1 661           | 2 042             | 1 374          | 903                      | 297                | 1 990              | 6 606        | 640            | 1 409           | 2 049         | 2 068           | 4 117      | 10 723                 |                            |                        |          |                        |  |  |  |  |
| Jul      | 389            | 1 623           | 2 012             | 1 318          | 902                      | 288                | 2 059              | 6 579        | 622            | 1 409           | 2 031         | 2 050           | 4 081      | 10 660                 |                            |                        |          |                        |  |  |  |  |
| Aug      | 395            | 1 677           | 2 072             | 1 359          | 897                      | 328                | 2 110              | 6 767        | 673            | 1 432           | 2 105         | 2 133           | 4 238      | 11 005                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 400            | 1 673           | 2 073             | 1 255          | 941                      | 281                | 2 174              | 6 723        | 654            | 1 439           | 2 093         | 2 080           | 4 173      | 10 897                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 439            | 1 738           | 2 177             | 1 403          | 896                      | 298                | 2 120              | 6 893        | 669            | 1 436           | 2 105         | 2 155           | 4 260      | 11 153                 |                            |                        |          |                        |  |  |  |  |
| Nov      | 442            | 1 723           | 2 166             | 1 334          | 859                      | 292                | 2 044              | 6 695        | 657            | 1 459           | 2 115         | 2 103           | 4 219      | 10 914                 |                            |                        |          |                        |  |  |  |  |
| Dec      | 425            | 1 784           | 2 209             | 1 333          | 853                      | 314                | 2 041              | 6 751        | 662            | 1 409           | 2 071         | 2 121           | 4 191      | 10 942                 |                            |                        |          |                        |  |  |  |  |
| 2014 Jan | 456            | 1 955           | 2 411             | 1 333          | 841                      | 310                | 2 091              | 6 987        | 701            | 1 483           | 2 184         | 2 119           | 4 303      | 11 290                 |                            |                        |          |                        |  |  |  |  |
| Feb      | 479            | 1 825           | 2 303             | 1 318          | 832                      | 337                | 2 105              | 6 896        | 662            | 1 553           | 2 214         | 2 097           | 4 312      | 11 208                 |                            |                        |          |                        |  |  |  |  |
| Mar      | 488            | 1 876           | 2 363             | 1 256          | 854                      | 351                | 2 208              | 7 034        | 662            | 1 543           | 2 205         | 2 098           | 4 303      | 11 337                 |                            |                        |          |                        |  |  |  |  |
| Apr      | 476            | 1 914           | 2 391             | 1 247          | 889                      | 374                | 2 179              | 7 079        | 684            | 1 548           | 2 232         | 2 199           | 4 431      | 11 510                 |                            |                        |          |                        |  |  |  |  |
| May      | 523            | 1 968           | 2 491             | 1 279          | 850                      | 373                | 2 148              | 7 140        | 672            | 1 518           | 2 191         | 2 183           | 4 373      | 11 513                 |                            |                        |          |                        |  |  |  |  |
| Jun      | 536            | 1 995           | 2 531             | 1 238          | 879                      | 376                | 2 147              | 7 171        | 682            | 1 482           | 2 163         | 2 225           | 4 388      | 11 559                 |                            |                        |          |                        |  |  |  |  |
| Jul      | 532            | 2 111           | 2 643             | 1 291          | 880                      | 375                | 2 173              | 7 362        | 683            | 1 521           | 2 204         | 2 177           | 4 381      | 11 743                 |                            |                        |          |                        |  |  |  |  |
| Aug      | 551            | 2 108           | 2 660             | 1 279          | 910                      | 371                | 2 148              | 7 367        | 696            | 1 608           | 2 303         | 2 233           | 4 537      | 11 904                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 548            | 2 146           | 2 694             | 1 324          | 901                      | 378                | 2 183              | 7 480        | 679            | 1 523           | 2 203         | 2 240           | 4 442      | 11 922                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 536            | 2 135           | 2 671             | 1 339          | 950                      | 352                | 2 161              | 7 474        | 666            | 1 515           | 2 181         | 2 184           | 4 365      | 11 839                 |                            |                        |          |                        |  |  |  |  |
| Nov      | 518            | 2 191           | 2 709             | 1 375          | 909                      | 359                | 2 238              | 7 590        | 691            | 1 504           | 2 194         | 2 219           | 4 413      | 12 003                 |                            |                        |          |                        |  |  |  |  |
| Dec      | 514            | 2 110           | 2 624             | 1 350          | 889                      | 375                | 2 276              | 7 515        | 664            | 1 494           | 2 159         | 2 177           | 4 336      | 11 850                 |                            |                        |          |                        |  |  |  |  |
| 2015 Jan | 481            | 2 210           | 2 691             | 1 539          | 835                      | 412                | 2 217              | 7 693        | 691            | 1 492           | 2 183         | 2 185           | 4 369      | 12 062                 |                            |                        |          |                        |  |  |  |  |
| Feb      | 500            | 2 147           | 2 647             | 1 529          | 875                      | 404                | 2 209              | 7 665        | 675            | 1 465           | 2 140         | 2 106           | 4 245      | 11 910                 |                            |                        |          |                        |  |  |  |  |
| Mar      | 484            | 2 209           | 2 693             | 1 638          | 856                      | 391                | 2 138              | 7 716        | 687            | 1 526           | 2 214         | 2 194           | 4 407      | 12 124                 |                            |                        |          |                        |  |  |  |  |
| Apr      | 511            | 2 290           | 2 801             | 1 667          | 856                      | 398                | 2 161              | 7 884        | 666            | 1 554           | 2 220         | 2 099           | 4 319      | 12 202                 |                            |                        |          |                        |  |  |  |  |
| May      | 449            | 2 327           | 2 776             | 1 618          | 869                      | 373                | 2 197              | 7 833        | 695            | 1 556           | 2 251         | 2 077           | 4 328      | 12 161                 |                            |                        |          |                        |  |  |  |  |
| Jun      | 443            | 2 235           | 2 679             | 1 572          | 910                      | 396                | 2 292              | 7 849        | 694            | 1 576           | 2 269         | 2 057           | 4 326      | 12 176                 |                            |                        |          |                        |  |  |  |  |
| Jul      | 416            | 2 248           | 2 664             | 1 657          | 912                      | 429                | 2 231              | 7 893        | 681            | 1 566           | 2 247         | 2 104           | 4 351      | 12 244                 |                            |                        |          |                        |  |  |  |  |
| Aug      | 378            | 2 223           | 2 602             | 1 601          | 893                      | 418                | 2 224              | 7 738        | 682            | 1 559           | 2 241         | 2 018           | 4 259      | 11 997                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 393            | 2 236           | 2 629             | 1 568          | 914                      | 419                | 2 172              | 7 702        | 700            | 1 584           | 2 284         | 2 096           | 4 380      | 12 082                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 387            | 2 307           | 2 694             | 1 576          | 914                      | 401                | 2 310              | 7 895        | 675            | 1 590           | 2 265         | 2 108           | 4 373      | 12 268                 |                            |                        |          |                        |  |  |  |  |
| Nov      | 380            | 2 288           | 2 668             | 1 498          | 907                      | 406                | 2 311              | 7 790        | 665            | 1 572           | 2 238         | 2 121           | 4 359      | 12 148                 |                            |                        |          |                        |  |  |  |  |
| Dec      | 391            | 2 415           | 2 807             | 1 703          | 911                      | 387                | 2 281              | 8 089        | 676            | 1 544           | 2 219         | 2 149           | 4 368      | 12 457                 |                            |                        |          |                        |  |  |  |  |
| 2016 Jan | 410            | 2 419           | 2 829             | 1 542          | 910                      | 369                | 2 359              | 8 008        | 669            | 1 592           | 2 262         | 2 099           | 4 361      | 12 369                 |                            |                        |          |                        |  |  |  |  |
| Feb      | 392            | 2 568           | 2 960             | 1 577          | 908                      | 346                | 2 357              | 8 148        | 670            | 1 560           | 2 230         | 2 093           | 4 323      | 12 471                 |                            |                        |          |                        |  |  |  |  |
| Mar      | 410            | 2 526           | 2 936             | 1 530          | 853                      | 392                | 2 255              | 7 966        | 659            | 1 573           | 2 232         | 1 949           | 4 181      | 12 147                 |                            |                        |          |                        |  |  |  |  |
| Apr      | 393            | 2 621           | 3 014             | 1 504          | 941                      | 392                | 2 364              | 8 215        | 660            | 1 593           | 2 253         | 2 151           | 4 403      | 12 619                 |                            |                        |          |                        |  |  |  |  |
| May      | 399            | 2 541           | 2 941             | 1 510          | 943                      | 414                | 2 371              | 8 179        | 638            | 1 568           | 2 206         | 2 104           | 4 310      | 12 489                 |                            |                        |          |                        |  |  |  |  |
| Jun      | 427            | 2 541           | 2 969             | 1 484          | 925                      | 384                | 2 395              | 8 156        | 627            | 1 616           | 2 242         | 2 115           | 4 357      | 12 513                 |                            |                        |          |                        |  |  |  |  |
| Jul      | 426            | 2 609           | 3 034             | 1 563          | 962                      | 362                | 2 400              | 8 322        | 613            | 1 639           | 2 252         | 2 093           | 4 346      | 12 668                 |                            |                        |          |                        |  |  |  |  |
| Aug      | 422            | 2 600           | 3 023             | 1 528          | 929                      | 366                | 2 402              | 8 247        | 589            | 1 640           | 2 229         | 2 106           | 4 335      | 12 583                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 434            | 2 653           | 3 087             | 1 562          | 910                      | 379                | 2 443              | 8 381        | 606            | 1 695           | 2 301         | 2 101           | 4 402      | 12 783                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 445            | 2 655           | 3 100             | 1 521          | 911                      | 387                | 2 443              | 8 362        | 608            | 1 649           | 2 257         | 2 198           | 4 455      | 12 816                 |                            |                        |          |                        |  |  |  |  |
| Nov      | 464            | 2 694           | 3 158             | 1 598          | 933                      | 395                | 2 444              | 8 528        | 604            | 1 730           | 2 334         | 2 153           | 4 487      | 13 015                 |                            |                        |          |                        |  |  |  |  |
| Dec      | 480            | 2 761           | 3 241             | 1 603          | 930                      | 386                | 2 535              | 8 696        | 635            | 1 776           | 2 412         | 2 192           | 4 603      | 13 299                 |                            |                        |          |                        |  |  |  |  |
| 2017 Jan | 489            | 2 777           | 3 266             | 1 706          | 968                      | 367                | 2 568              | 8 875        | 600            | 1 780           | 2 380         | 2 232           | 4 612      | 13 487                 |                            |                        |          |                        |  |  |  |  |
| Feb      | 490            | 2 768           | 3 258             | 1 596          | 942                      | 366                | 2 636              | 8 798        | 614            | 1 751           | 2 365         | 2 259           | 4 625      | 13 422                 |                            |                        |          |                        |  |  |  |  |
| Mar      | 526            | 2 788           | 3 314             | 1 574          | 921                      | 377                | 2 678              | 8 863        | 624            | 1 769           | 2 393         | 2 216           | 4 609      | 13 471                 |                            |                        |          |                        |  |  |  |  |
| Apr      | 492            | 2 767           | 3 259             | 1 630          | 938                      | 368                | 2 633              | 8 829        | 619            | 1 798           | 2 416         | 2 235           | 4 651      | 13 481                 |                            |                        |          |                        |  |  |  |  |
| May      | 545            | 2 742           | 3 287             | 1 618          | 922                      | 359                | 2 631              | 8 818        | 613            | 1 813           | 2 425         | 2 243           | 4 669      | 13 487                 |                            |                        |          |                        |  |  |  |  |
| Jun      | 512            | 2 858           | 3 371             | 1 621          | 884                      | 420                | 2 591              | 8 886        | 643            | 1 794           | 2 437         | 2 253           | 4 690      | 13 576                 |                            |                        |          |                        |  |  |  |  |
| Jul      | 522            | 2 796           | 3 318             | 1 622          | 850                      | 406                | 2 564              | 8 760        | 625            | 1 815           | 2 440         | 2 272           | 4 711      | 13 471                 |                            |                        |          |                        |  |  |  |  |
| Aug      | 532            | 2 906           | 3 437             | 1 630          | 913                      | 404                | 2 612              | 8 997        | 618            | 1 824           | 2 442         | 2 246           | 4 688      | 13 685                 |                            |                        |          |                        |  |  |  |  |
| Sep      | 535            | 2 855           | 3 390             | 1 645          | 877                      | 426                | 2 541              | 8 878        | 610            | 1 763           | 2 374         | 2 300           | 4 673      | 13 552                 |                            |                        |          |                        |  |  |  |  |
| Oct      | 491            | 2 898           | 3 389             | 1 613          | 846                      | 421                | 2 472              | 8 741        | 615            |                 |               |                 |            |                        |                            |                        |          |                        |  |  |  |  |

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

£ million

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

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

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

£ million

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

# 2B.M 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 |               |               | Private industrial     |               | Private commercial |               | All new work  | Public housing | Private housing | Total housing | Non housing R&M | All Repair and Maintenance |
|          |                        |               |                 |               |                   |                |               |               |                        |               |                    |               |               |                |                 |               | All Work        |                            |
| 2012 Jul | MV4B<br>373            | MV4C<br>1 459 | MVLR<br>1 831   | MV4D<br>1 229 | MV4E<br>1 020     | MV4F<br>357    | MV4G<br>2 035 | MV4H<br>6 473 | MV4I<br>700            | MV4J<br>1 498 | MV4K<br>2 198      | MV4L<br>2 068 | MV4M<br>4 266 | MV4N<br>10 739 |                 |               |                 |                            |
| Aug      | 356                    | 1 389         | 1 745           | 1 443         | 1 086             | 321            | 2 088         | 6 684         | 697                    | 1 328         | 2 025              | 2 089         | 4 114         | 10 797         |                 |               |                 |                            |
| Sep      | 368                    | 1 472         | 1 840           | 1 322         | 983               | 336            | 1 965         | 6 446         | 699                    | 1 271         | 1 970              | 1 992         | 3 961         | 10 407         |                 |               |                 |                            |
| Oct      | 368                    | 1 629         | 1 997           | 1 457         | 1 028             | 367            | 2 206         | 7 055         | 744                    | 1 445         | 2 188              | 2 054         | 4 242         | 11 297         |                 |               |                 |                            |
| Nov      | 370                    | 1 571         | 1 940           | 1 436         | 973               | 366            | 2 125         | 6 841         | 751                    | 1 457         | 2 208              | 2 085         | 4 293         | 11 134         |                 |               |                 |                            |
| Dec      | 348                    | 1 344         | 1 692           | 1 199         | 790               | 349            | 1 782         | 5 813         | 603                    | 1 240         | 1 842              | 1 705         | 3 548         | 9 360          |                 |               |                 |                            |
| 2013 Jan | 281                    | 1 205         | 1 485           | 1 121         | 707               | 310            | 1 790         | 5 413         | 621                    | 1 141         | 1 761              | 1 752         | 3 513         | 8 926          |                 |               |                 |                            |
| Feb      | 327                    | 1 355         | 1 681           | 1 238         | 795               | 348            | 1 835         | 5 898         | 699                    | 1 207         | 1 906              | 1 948         | 3 853         | 9 751          |                 |               |                 |                            |
| Mar      | 374                    | 1 465         | 1 839           | 1 470         | 936               | 328            | 2 028         | 6 601         | 805                    | 1 315         | 2 120              | 2 162         | 4 282         | 10 883         |                 |               |                 |                            |
| Apr      | 359                    | 1 592         | 1 951           | 1 291         | 848               | 313            | 1 921         | 6 325         | 648                    | 1 343         | 1 991              | 1 949         | 3 939         | 10 264         |                 |               |                 |                            |
| May      | 379                    | 1 624         | 2 003           | 1 317         | 915               | 312            | 2 014         | 6 561         | 630                    | 1 398         | 2 029              | 2 001         | 4 030         | 10 591         |                 |               |                 |                            |
| Jun      | 436                    | 1 793         | 2 229           | 1 372         | 884               | 305            | 1 965         | 6 755         | 615                    | 1 418         | 2 033              | 1 988         | 4 021         | 10 776         |                 |               |                 |                            |
| Jul      | 387                    | 1 696         | 2 083           | 1 356         | 978               | 306            | 2 176         | 6 899         | 628                    | 1 507         | 2 134              | 2 166         | 4 300         | 11 199         |                 |               |                 |                            |
| Aug      | 393                    | 1 649         | 2 043           | 1 372         | 1 000             | 329            | 2 184         | 6 927         | 664                    | 1 414         | 2 078              | 2 285         | 4 364         | 11 291         |                 |               |                 |                            |
| Sep      | 408                    | 1 681         | 2 089           | 1 264         | 985               | 285            | 2 249         | 6 871         | 660                    | 1 472         | 2 132              | 2 170         | 4 303         | 11 174         |                 |               |                 |                            |
| Oct      | 452                    | 1 902         | 2 354           | 1 512         | 932               | 304            | 2 357         | 7 460         | 703                    | 1 610         | 2 313              | 2 284         | 4 596         | 12 056         |                 |               |                 |                            |
| Nov      | 455                    | 1 765         | 2 220           | 1 399         | 890               | 296            | 2 146         | 6 950         | 682                    | 1 585         | 2 267              | 2 124         | 4 391         | 11 341         |                 |               |                 |                            |
| Dec      | 415                    | 1 678         | 2 094           | 1 252         | 785               | 298            | 1 856         | 6 285         | 586                    | 1 345         | 1 931              | 1 905         | 3 835         | 10 120         |                 |               |                 |                            |
| 2014 Jan | 394                    | 1 674         | 2 069           | 1 164         | 709               | 264            | 1 869         | 6 074         | 648                    | 1 296         | 1 945              | 1 886         | 3 831         | 9 905          |                 |               |                 |                            |
| Feb      | 448                    | 1 630         | 2 078           | 1 217         | 739               | 338            | 1 961         | 6 333         | 671                    | 1 402         | 2 072              | 2 012         | 4 085         | 10 417         |                 |               |                 |                            |
| Mar      | 516                    | 1 879         | 2 396           | 1 354         | 888               | 367            | 2 234         | 7 238         | 795                    | 1 564         | 2 359              | 2 270         | 4 630         | 11 868         |                 |               |                 |                            |
| Apr      | 462                    | 1 948         | 2 410           | 1 238         | 870               | 363            | 2 126         | 7 007         | 657                    | 1 500         | 2 157              | 2 143         | 4 300         | 11 306         |                 |               |                 |                            |
| May      | 528                    | 1 996         | 2 524           | 1 282         | 844               | 385            | 2 129         | 7 163         | 645                    | 1 501         | 2 147              | 2 108         | 4 255         | 11 419         |                 |               |                 |                            |
| Jun      | 591                    | 2 192         | 2 783           | 1 250         | 873               | 382            | 2 154         | 7 441         | 668                    | 1 523         | 2 191              | 2 181         | 4 372         | 11 813         |                 |               |                 |                            |
| Jul      | 530                    | 2 209         | 2 739           | 1 332         | 954               | 395            | 2 296         | 7 716         | 687                    | 1 623         | 2 310              | 2 294         | 4 603         | 12 319         |                 |               |                 |                            |
| Aug      | 549                    | 2 040         | 2 589           | 1 278         | 1 000             | 374            | 2 187         | 7 428         | 677                    | 1 559         | 2 236              | 2 348         | 4 584         | 12 012         |                 |               |                 |                            |
| Sep      | 557                    | 2 192         | 2 748           | 1 354         | 958               | 390            | 2 302         | 7 752         | 698                    | 1 592         | 2 290              | 2 378         | 4 669         | 12 421         |                 |               |                 |                            |
| Oct      | 547                    | 2 337         | 2 884           | 1 443         | 987               | 357            | 2 398         | 8 070         | 697                    | 1 689         | 2 386              | 2 318         | 4 704         | 12 774         |                 |               |                 |                            |
| Nov      | 528                    | 2 209         | 2 737           | 1 425         | 926               | 363            | 2 287         | 7 738         | 701                    | 1 597         | 2 298              | 2 213         | 4 511         | 12 249         |                 |               |                 |                            |
| Dec      | 506                    | 2 028         | 2 534           | 1 291         | 836               | 354            | 2 117         | 7 133         | 596                    | 1 446         | 2 042              | 2 000         | 4 043         | 11 175         |                 |               |                 |                            |
| 2015 Jan | 419                    | 1 869         | 2 288           | 1 328         | 696               | 347            | 1 961         | 6 620         | 631                    | 1 280         | 1 911              | 1 914         | 3 825         | 10 445         |                 |               |                 |                            |
| Feb      | 468                    | 1 925         | 2 392           | 1 412         | 778               | 401            | 2 075         | 7 058         | 682                    | 1 310         | 1 992              | 2 019         | 4 012         | 11 070         |                 |               |                 |                            |
| Mar      | 515                    | 2 254         | 2 769           | 1 786         | 898               | 405            | 2 198         | 8 055         | 841                    | 1 573         | 2 414              | 2 405         | 4 819         | 12 873         |                 |               |                 |                            |
| Apr      | 496                    | 2 336         | 2 832           | 1 655         | 838               | 387            | 2 115         | 7 826         | 643                    | 1 513         | 2 156              | 2 050         | 4 206         | 12 033         |                 |               |                 |                            |
| May      | 454                    | 2 317         | 2 771           | 1 593         | 850               | 383            | 2 143         | 7 739         | 656                    | 1 509         | 2 165              | 1 970         | 4 136         | 11 875         |                 |               |                 |                            |
| Jun      | 500                    | 2 500         | 3 000           | 1 593         | 916               | 405            | 2 334         | 8 247         | 693                    | 1 647         | 2 340              | 2 056         | 4 396         | 12 643         |                 |               |                 |                            |
| Jul      | 414                    | 2 355         | 2 769           | 1 713         | 989               | 452            | 2 352         | 8 276         | 684                    | 1 673         | 2 357              | 2 212         | 4 568         | 12 844         |                 |               |                 |                            |
| Aug      | 374                    | 2 147         | 2 521           | 1 599         | 984               | 427            | 2 263         | 7 793         | 662                    | 1 514         | 2 177              | 2 115         | 4 291         | 12 085         |                 |               |                 |                            |
| Sep      | 402                    | 2 279         | 2 681           | 1 603         | 973               | 442            | 2 287         | 7 986         | 720                    | 1 658         | 2 377              | 2 230         | 4 607         | 12 593         |                 |               |                 |                            |
| Oct      | 398                    | 2 479         | 2 877           | 1 675         | 932               | 410            | 2 498         | 8 391         | 692                    | 1 734         | 2 425              | 2 200         | 4 625         | 13 016         |                 |               |                 |                            |
| Nov      | 388                    | 2 347         | 2 735           | 1 577         | 938               | 413            | 2 386         | 8 049         | 678                    | 1 691         | 2 370              | 2 159         | 4 529         | 12 578         |                 |               |                 |                            |
| Dec      | 387                    | 2 330         | 2 717           | 1 634         | 861               | 363            | 2 131         | 7 705         | 605                    | 1 482         | 2 087              | 1 983         | 4 070         | 11 775         |                 |               |                 |                            |
| 2016 Jan | 348                    | 2 018         | 2 366           | 1 312         | 748               | 310            | 2 062         | 6 798         | 602                    | 1 348         | 1 949              | 1 811         | 3 760         | 10 557         |                 |               |                 |                            |
| Feb      | 359                    | 2 317         | 2 676           | 1 462         | 812               | 338            | 2 241         | 7 530         | 702                    | 1 499         | 2 201              | 2 019         | 4 220         | 11 751         |                 |               |                 |                            |
| Mar      | 443                    | 2 622         | 3 064           | 1 690         | 907               | 387            | 2 357         | 8 405         | 819                    | 1 578         | 2 397              | 2 175         | 4 572         | 12 977         |                 |               |                 |                            |
| Apr      | 377                    | 2 635         | 3 012           | 1 473         | 909               | 396            | 2 279         | 8 069         | 625                    | 1 574         | 2 200              | 2 071         | 4 271         | 12 340         |                 |               |                 |                            |
| May      | 404                    | 2 572         | 2 976           | 1 505         | 939               | 422            | 2 363         | 8 206         | 609                    | 1 541         | 2 150              | 2 028         | 4 178         | 12 384         |                 |               |                 |                            |
| Jun      | 484                    | 2 843         | 3 327           | 1 497         | 931               | 394            | 2 440         | 8 588         | 628                    | 1 678         | 2 306              | 2 115         | 4 421         | 13 009         |                 |               |                 |                            |
| Jul      | 424                    | 2 642         | 3 066           | 1 580         | 1 012             | 382            | 2 440         | 8 481         | 595                    | 1 683         | 2 278              | 2 132         | 4 410         | 12 890         |                 |               |                 |                            |
| Aug      | 417                    | 2 599         | 3 016           | 1 571         | 1 060             | 378            | 2 537         | 8 562         | 587                    | 1 649         | 2 236              | 2 277         | 4 513         | 13 075         |                 |               |                 |                            |
| Sep      | 443                    | 2 699         | 3 142           | 1 600         | 970               | 406            | 2 575         | 8 692         | 620                    | 1 766         | 2 386              | 2 240         | 4 626         | 13 319         |                 |               |                 |                            |
| Oct      | 455                    | 2 803         | 3 258           | 1 596         | 914               | 396            | 2 582         | 8 747         | 612                    | 1 760         | 2 372              | 2 257         | 4 628         | 13 375         |                 |               |                 |                            |
| Nov      | 470                    | 2 810         | 3 281           | 1 710         | 981               | 403            | 2 561         | 8 936         | 620                    | 1 877         | 2 497              | 2 233         | 4 729         | 13 666         |                 |               |                 |                            |
| Dec      | 478                    | 2 629         | 3 107           | 1 526         | 870               | 359            | 2 332         | 8 194         | 562                    | 1 678         | 2 240              | 1 995         | 4 234         | 12 429         |                 |               |                 |                            |
| 2017 Jan | 413                    | 2 357         | 2 771           | 1 474         | 814               | 323            | 2 287         | 7 669         | 551                    | 1 574         | 2 125              | 1 969         | 4 094         | 11 762         |                 |               |                 |                            |
| Feb      | 455                    | 2 474         | 2 929           | 1 471         | 834               | 349            | 2 484         | 8 067         | 623                    | 1 614         | 2 237              | 2 151         | 4 388         | 12 455         |                 |               |                 |                            |
| Mar      | 564                    | 2 958         | 3 522           | 1 731         | 985               | 371            | 2 751         | 9 361         | 775                    | 1 830         | 2 604              | 2 497         | 5 102         | 14 462         |                 |               |                 |                            |
| Apr      | 475                    | 2 680         | 3 155           | 1 573         | 881               | 356            | 2 500         | 8 466         | 581                    | 1 688         | 2 270              | 2 097         | 4 366         | 12 832         |                 |               |                 |                            |
| May      | 553                    | 2 810         | 3 363           | 1 643         | 926               | 365            | 2 684         | 8 980         | 595                    | 1 818         | 2 413              | 2 192         | 4 605         | 13 586         |                 |               |                 |                            |
| Jun      | 573                    | 3 186         | 3 759           | 1 633         | 895               | 431            | 2 650         | 9 368         | 650                    | 1 854         | 2 503              | 2 246         | 4 750         | 14 118         |                 |               |                 |                            |
| Jul      | 521                    | 2 837         | 3 358           | 1 647         | 885               | 422            | 2 605         | 8 916         | 609                    | 1 871         | 2 480              | 2 308         | 4 788         | 13 704         |                 |               |                 |                            |
| Aug      | 525                    | 2 908         | 3 433           | 1 686         | 1 039             | 429            | 2 771         | 9 358         | 611                    | 1 843         | 2 454              | 2 410         | 4 864         | 14 222         |                 |               |                 |                            |
| Sep      | 547                    | 2 860         | 3 406           | 1 660         | 925               | 449            | 2 635         | 9 076         | 618                    | 1 816         | 2 434              | 2 412         | 4 846         | 13 922         |                 |               |                 |                            |
| Oct      | 501                    | 3 120         | 3 621           | 1 710         | 889               | 451            | 2 662         | 9 334         | 629                    | 1 955         | 2 584              | 2 372         | 4 956         | 14 290         |                 |               |                 |                            |
| Nov      | 538                    | 3 163         | 3 701           | 1 679         | 883               | 400            | 2 628         | 9 291         | 618                    | 2 014         | 2 631              | 2 387         | 5 018         | 14 309         |                 |               |                 |                            |
| Dec      | 548                    | 2 950         | 3 499           | 1 612         | 849               | 347            | 2 275         | 8 582         | 545                    | 1 641         | 2 186              | 2 050         | 4 237         | 12 818         |                 |               |                 |                            |
| 2018 Jan | 386                    | 2 563         | 2 949           | 1 553         | 705               | 369            | 2 293         | 7 869         | 581                    | 1 589         | 2 170              | 2 041         | 4 212         | 12 081         |                 |               |                 |                            |
| Feb      | 454                    | 2 800         | 3 254           | 1 506         | 728               | 389            | 2 362         | 8 239         | 620                    | 1 60          |                    |               |               |                |                 |               |                 |                            |

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

%

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

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

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

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

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

%

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

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

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

%

| New Housing    |                 |                   |                | Other New Work           |                    |                    |              | Repair and Maintenance |                 |               |                 |                            |      |          |  |
|----------------|-----------------|-------------------|----------------|--------------------------|--------------------|--------------------|--------------|------------------------|-----------------|---------------|-----------------|----------------------------|------|----------|--|
| Public housing | Private housing | Total new housing | Infrastructure | Excluding Infrastructure |                    |                    |              | Housing                |                 |               |                 | All Repair and Maintenance |      | All Work |  |
|                |                 |                   |                | Public                   | Private industrial | Private commercial | All new work | Public housing         | Private housing | Total housing | Non housing R&M | MV5S                       | MV5T |          |  |
| MV5H           | MV5I            | MVM3              | MV5J           | MV5K                     | MV5L               | MV5M               | MV5N         | MV5O                   | MV5P            | MV5Q          | MV5R            | MV5S                       | MV5T |          |  |
| 1998           | -19.0           | 1.0               | -1.2           | -2.8                     | 5.4                | 1.9                | 8.4          | 2.6                    | -6.6            | 2.1           | -1.5            | 1.1                        | -0.2 | 1.5      |  |
| 1999           | -13.3           | -10.0             | -10.3          | -2.8                     | 12.6               | 3.2                | 12.0         | 3.0                    | -4.1            | -1.2          | -2.4            | -0.6                       | -1.5 | 1.3      |  |
| 2000           | 25.5            | 11.7              | 12.9           | -6.2                     | -5.3               | -10.7              | 0.8          | 0.2                    | -3.2            | 0.5           | -1.0            | 5.3                        | 2.1  | 0.9      |  |
| 2001           | 2.3             | -6.7              | -5.8           | 7.1                      | 0.9                | 2.2                | -0.7         | -0.1                   | -5.4            | 4.4           | 0.7             | 9.2                        | 4.9  | 1.8      |  |
| 2002           | 13.2            | 9.0               | 9.4            | 13.1                     | 26.5               | -20.7              | 3.3          | 6.1                    | -5.1            | 8.3           | 3.4             | 6.6                        | 5.1  | 5.7      |  |
| 2003           | 13.8            | 24.8              | 23.6           | -5.7                     | 25.5               | 5.6                | -3.6         | 6.0                    | 13.1            | -2.3          | 2.7             | 2.8                        | 2.8  | 4.8      |  |
| 2004           | 20.1            | 21.5              | 21.4           | -12.7                    | 12.3               | 3.0                | 10.3         | 9.5                    | 9.7             | -2.9          | 1.4             | -4.4                       | -1.7 | 5.3      |  |
| 2005           | -5.9            | 2.9               | 2.0            | -4.1                     | -10.0              | -2.0               | -4.3         | -2.9                   | -0.6            | -8.9          | -6.0            | 2.6                        | -1.6 | -2.4     |  |
| 2006           | 17.9            | 0.3               | 1.9            | -7.8                     | -8.1               | 8.4                | 8.5          | 2.6                    | -4.3            | -6.2          | -5.5            | 0.2                        | -2.5 | 0.8      |  |
| 2007           | 15.5            | -1.6              | 0.2            | -1.4                     | -1.7               | -2.4               | 10.1         | 3.5                    | -5.3            | -2.5          | -3.5            | 2.3                        | -0.4 | 2.2      |  |
| 2008           | -9.6            | -22.4             | -20.8          | 11.2                     | 11.2               | -22.6              | 1.2          | -5.3                   | 2.9             | 1.1           | 1.7             | 3.3                        | 2.6  | -2.6     |  |
| 2009           | 2.0             | -31.3             | -26.6          | 14.5                     | 21.0               | -29.8              | -25.1        | -15.3                  | -2.7            | -12.6         | -9.3            | -9.7                       | -9.5 | -13.2    |  |
| 2010           | 56.5            | 21.4              | 28.2           | 27.3                     | 31.9               | 10.9               | -2.1         | 16.3                   | 8.6             | 9.5           | 9.4             | -14.5                      | -3.1 | 8.5      |  |
| 2011           | 2.2             | 9.0               | 7.4            | 8.4                      | -7.6               | -9.5               | 2.4          | 2.4                    | -8.1            | 0.8           | -2.2            | 6.7                        | 1.9  | 2.2      |  |
| 2012           | -16.3           | -2.4              | -5.5           | -10.6                    | -21.0              | 9.5                | -9.8         | -9.9                   | 2.2             | -4.9          | -2.7            | -0.4                       | -1.6 | -6.9     |  |
| 2013           | 6.6             | 9.4               | 8.9            | 2.3                      | -9.6               | -9.2               | -            | 1.0                    | -4.1            | 2.3           | 0.2             | 4.2                        | 2.1  | 1.5      |  |
| 2014           | 32.0            | 25.4              | 26.7           | -2.1                     | -0.7               | 16.0               | 6.3          | 10.3                   | 2.5             | 9.2           | 7.0             | 5.7                        | 6.4  | 8.8      |  |
| 2015           | -15.3           | 11.5              | 6.1            | 22.6                     | 0.7                | 11.6               | 2.6          | 7.6                    | 0.6             | 1.6           | 1.3             | -3.2                       | -0.9 | 4.4      |  |
| 2016           | -2.2            | 14.9              | 12.2           | -3.4                     | 3.8                | -5.4               | 7.6          | 5.8                    | -7.4            | 5.6           | 1.6             | 0.2                        | 0.9  | 4.1      |  |
| 2017           | 21.8            | 10.0              | 11.6           | 5.4                      | -2.3               | 2.7                | 7.5          | 7.3                    | -2.3            | 9.6           | 6.3             | 6.9                        | 6.6  | 7.1      |  |

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

%

|         | New Housing    |                 |                   |                |                          |       |       |                    |                    |                        |                |                 |               | Other New Work  |      |      | Repair and Maintenance |  |  |  |  | All Repair and 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           | Public housing | Private housing | Total housing | Non housing R&M | MV6I | MV6J |                        |  |  |  |  |                            |          |
|         | MV68           | MV69            | MVM8              | MV6A           | MV6B                     | MV6C  | MV6D  | MV6E               | MV6F               | MV6G                   | MV6H           | MV6I            | MV6J          | MV6K            |      |      |                        |  |  |  |  |                            |          |
| 2003 Q3 | 12.9           | 24.8            | 23.5              | -12.6          | 23.9                     | 4.3   | -5.2  | 3.8                | 25.2               | -2.0                   | 6.7            | 5.0             | 5.8           | 4.5             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 22.7           | 28.5            | 27.9              | -8.3           | 28.3                     | 12.4  | -0.6  | 9.2                | 16.8               | -7.8                   | -              | -0.2            | -0.1          | 5.7             |      |      |                        |  |  |  |  |                            |          |
| 2004 Q1 | 28.6           | 30.3            | 30.1              | -12.7          | 28.0                     | 12.4  | 10.4  | 13.7               | 27.1               | 9.9                    | 15.8           | 1.9             | 8.2           | 11.7            |      |      |                        |  |  |  |  |                            |          |
| Q2      | 26.7           | 28.3            | 28.2              | -12.4          | 18.9                     | 8.0   | 14.3  | 13.7               | 10.6               | -8.3                   | -2.0           | -6.4            | -4.3          | 6.8             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 19.0           | 19.9            | 19.8              | -11.4          | 8.3                      | 1.2   | 12.2  | 9.5                | -1.3               | -4.3                   | -3.4           | -9.1            | -6.4          | 3.5             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 8.0            | 10.1            | 9.9               | -14.4          | -2.4                     | -8.2  | 4.6   | 1.7                | 5.6                | -7.6                   | -3.1           | -3.9            | -3.5          | -0.2            |      |      |                        |  |  |  |  |                            |          |
| 2005 Q1 | -5.2           | 4.3             | 3.3               | -7.7           | -7.5                     | -10.8 | -2.2  | -2.5               | 3.0                | -11.1                  | -6.3           | -0.2            | -3.1          | -2.8            |      |      |                        |  |  |  |  |                            |          |
| Q2      | -9.4           | 5.3             | 3.8               | -8.6           | -9.6                     | -3.5  | -5.1  | -3.3               | 5.8                | -7.0                   | -2.6           | 4.8             | 1.2           | -1.7            |      |      |                        |  |  |  |  |                            |          |
| Q3      | -10.2          | 2.1             | 0.8               | -3.6           | -12.0                    | 0.9   | -6.6  | -4.1               | -3.3               | -9.9                   | -7.6           | 5.3             | -1.0          | -3.0            |      |      |                        |  |  |  |  |                            |          |
| Q4      | 1.2            | 0.1             | 0.2               | 4.4            | -11.2                    | 6.4   | -3.5  | -1.6               | -8.0               | -7.4                   | -7.7           | 0.6             | -3.4          | -2.2            |      |      |                        |  |  |  |  |                            |          |
| 2006 Q1 | 10.8           | -1.0            | 0.1               | -1.3           | -10.3                    | 13.5  | 2.2   | 0.5                | -11.6              | -5.4                   | -7.7           | -4.8            | -6.2          | -1.9            |      |      |                        |  |  |  |  |                            |          |
| Q2      | 18.5           | -2.1            | -0.3              | -6.1           | -9.8                     | 7.7   | 5.1   | 0.6                | -11.9              | -4.0                   | -6.9           | 1.3             | -2.6          | -0.5            |      |      |                        |  |  |  |  |                            |          |
| Q3      | 26.1           | 1.0             | 3.2               | -10.4          | -6.6                     | 6.0   | 11.8  | 3.9                | 4.4                | -8.0                   | -3.7           | -0.6            | -2.1          | 1.8             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 16.5           | 3.4             | 4.7               | -13.3          | -5.6                     | 6.7   | 15.2  | 5.5                | 3.8                | -7.6                   | -3.7           | 5.3             | 1.1           | 3.9             |      |      |                        |  |  |  |  |                            |          |
| 2007 Q1 | 22.5           | 3.9             | 5.8               | -11.4          | -5.3                     | 3.1   | 12.7  | 5.1                | 3.0                | -5.3                   | -2.4           | 7.0             | 2.5           | 4.2             |      |      |                        |  |  |  |  |                            |          |
| Q2      | 19.2           | 0.4             | 2.4               | -2.8           | -2.6                     | 3.8   | 12.7  | 5.4                | -3.7               | -2.9                   | -3.1           | -0.2            | -1.6          | 3.0             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 12.2           | -3.2            | -1.5              | 3.0            | -                        | -3.2  | 7.8   | 2.7                | -12.8              | -2.7                   | -6.4           | 2.3             | -1.8          | 1.1             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 8.9            | -7.3            | -5.5              | 6.9            | 1.3                      | -13.0 | 7.5   | 1.1                | -7.1               | 1.2                    | -1.9           | 0.5             | -0.7          | 0.5             |      |      |                        |  |  |  |  |                            |          |
| 2008 Q1 | -5.6           | -11.9           | -11.2             | 12.7           | 7.4                      | -15.4 | 8.5   | 0.6                | -6.3               | -1.5                   | -3.3           | 2.2             | -0.4          | 0.3             |      |      |                        |  |  |  |  |                            |          |
| Q2      | -8.8           | -18.5           | -17.3             | 14.9           | 10.0                     | -23.9 | 2.4   | -3.8               | 7.7                | 0.3                    | 2.8            | 9.2             | 6.2           | -0.4            |      |      |                        |  |  |  |  |                            |          |
| Q3      | -9.3           | -26.1           | -24.0             | 14.4           | 13.7                     | -24.4 | 2.9   | -5.1               | 9.3                | 0.9                    | 3.7            | 5.8             | 4.8           | -1.7            |      |      |                        |  |  |  |  |                            |          |
| Q4      | -14.9          | -34.0           | -31.6             | 3.1            | 13.8                     | -27.6 | -8.6  | -13.1              | 2.1                | 4.8                    | 3.9            | -3.7            | -0.1          | -8.7            |      |      |                        |  |  |  |  |                            |          |
| 2009 Q1 | -16.9          | -38.9           | -36.1             | 1.2            | 9.1                      | -36.7 | -19.4 | -19.9              | -5.1               | -8.8                   | -7.6           | -10.1           | -9.0          | -16.1           |      |      |                        |  |  |  |  |                            |          |
| Q2      | -11.8          | -35.3           | -32.1             | 6.3            | 15.5                     | -34.0 | -21.5 | -17.5              | -7.2               | -14.7                  | -12.1          | -15.7           | -14.1         | -16.2           |      |      |                        |  |  |  |  |                            |          |
| Q3      | 6.4            | -30.7           | -25.2             | 10.8           | 23.5                     | -29.9 | -29.8 | -16.8              | 1.6                | -4.9                   | -2.7           | -5.5            | -4.2          | -12.2           |      |      |                        |  |  |  |  |                            |          |
| Q4      | 34.0           | -15.8           | -7.9              | 40.7           | 34.9                     | -15.4 | -30.3 | -6.0               | -0.2               | -21.3                  | -14.4          | -7.2            | -10.7         | -7.8            |      |      |                        |  |  |  |  |                            |          |
| 2010 Q1 | 68.1           | 4.5             | 15.0              | 53.4           | 48.6                     | 1.2   | -15.4 | 11.8               | 15.1               | -1.2                   | 4.4            | -18.5           | -7.6          | -4.0            |      |      |                        |  |  |  |  |                            |          |
| Q2      | 69.6           | 19.4            | 28.3              | 44.9           | 42.5                     | 12.5  | -8.2  | 17.7               | 13.2               | 9.5                    | 11.0           | -10.8           | -0.4          | 10.5            |      |      |                        |  |  |  |  |                            |          |
| Q3      | 61.1           | 35.2            | 40.6              | 26.4           | 23.4                     | 32.5  | 8.0   | 22.6               | 2.4                | 9.3                    | 7.1            | -18.9           | -6.5          | 10.6            |      |      |                        |  |  |  |  |                            |          |
| Q4      | 34.7           | 28.0            | 29.5              | -4.7           | 18.3                     | -1.0  | 11.7  | 13.2               | 4.6                | 21.4                   | 15.3           | -9.3            | 2.4           | 9.0             |      |      |                        |  |  |  |  |                            |          |
| 2011 Q1 | 18.9           | 19.2            | 19.1              | -0.3           | 5.3                      | -5.5  | 0.7   | 5.5                | -6.6               | 8.1                    | 2.8            | 10.1            | 6.2           | 5.8             |      |      |                        |  |  |  |  |                            |          |
| Q2      | 8.4            | 10.2            | 9.8               | 6.8            | -7.0                     | -5.8  | 3.1   | 3.2                | -9.2               | 0.6                    | -2.8           | 2.6             | -0.3          | 1.9             |      |      |                        |  |  |  |  |                            |          |
| Q3      | -6.8           | 5.2             | 2.3               | 8.4            | -10.0                    | -22.7 | -0.4  | -1.0               | -9.6               | -5.4                   | -6.7           | 7.9             | -0.1          | -0.7            |      |      |                        |  |  |  |  |                            |          |
| Q4      | -8.8           | 3.3             | 0.4               | 20.3           | -18.0                    | -1.0  | 6.5   | 2.0                | -7.0               | 0.7                    | -1.8           | 6.5             | 2.1           | 2.0             |      |      |                        |  |  |  |  |                            |          |
| 2012 Q1 | -16.1          | 5.1             | 0.1               | -4.8           | -22.6                    | 8.7   | -1.8  | -5.4               | -2.6               | 0.8                    | -0.3           | 2.5             | 1.0           | -3.1            |      |      |                        |  |  |  |  |                            |          |
| Q2      | -21.5          | -4.2            | -8.2              | -19.9          | -22.4                    | 5.2   | -6.5  | -12.0              | -0.4               | -3.5                   | -2.5           | 1.9             | -0.4          | -7.9            |      |      |                        |  |  |  |  |                            |          |
| Q3      | -14.9          | -8.1            | -9.6              | -9.5           | -19.7                    | 8.7   | -15.5 | -12.3              | 6.4                | -4.9                   | -1.3           | -3.1            | -2.2          | -8.7            |      |      |                        |  |  |  |  |                            |          |
| Q4      | -12.4          | -2.2            | -4.3              | -7.4           | -18.7                    | 15.7  | -15.0 | -9.9               | 5.5                | -12.0                  | -6.6           | -2.7            | -4.7          | -7.9            |      |      |                        |  |  |  |  |                            |          |
| 2013 Q1 | -10.0          | -6.5            | -7.2              | 0.3            | -17.9                    | 1.5   | -6.0  | -6.6               | 1.4                | -6.4                   | -3.9           | -0.7            | -2.3          | -5.0            |      |      |                        |  |  |  |  |                            |          |
| Q2      | 7.4            | 10.6            | 10.0              | 7.6            | -9.2                     | -10.8 | -6.0  | 0.3                | -4.1               | 0.8                    | -0.8           | 2.3             | 0.7           | 0.5             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 8.4            | 16.4            | 14.8              | -0.4           | -4.1                     | -10.1 | 8.6   | 5.6                | -7.7               | 5.7                    | 1.1            | 7.4             | 4.2           | 5.0             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 22.0           | 18.3            | 19.0              | 1.9            | -6.0                     | -16.9 | 4.5   | 5.4                | -5.7               | 10.0                   | 4.5            | 7.8             | 6.1           | 5.7             |      |      |                        |  |  |  |  |                            |          |
| 2014 Q1 | 35.9           | 28.9            | 30.2              | -2.0           | -3.8                     | -2.9  | 6.7   | 9.6                | -0.7               | 13.4                   | 8.7            | 5.5             | 7.1           | 8.6             |      |      |                        |  |  |  |  |                            |          |
| Q2      | 36.3           | 22.5            | 25.1              | -5.3           | -2.3                     | 24.2  | 8.5   | 10.0               | 3.7                | 10.1                   | 8.0            | 8.3             | 8.1           | 9.3             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 37.8           | 28.0            | 29.9              | -1.0           | -1.8                     | 25.3  | 2.5   | 10.7               | 5.6                | 8.7                    | 7.7            | 6.2             | 6.9           | 9.2             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 20.0           | 22.7            | 22.2              | -0.1           | 5.4                      | 20.1  | 7.6   | 11.0               | 1.7                | 4.9                    | 3.9            | 3.2             | 3.5           | 8.1             |      |      |                        |  |  |  |  |                            |          |
| 2015 Q1 | 3.0            | 16.1            | 13.5              | 20.5           | 1.5                      | 20.8  | 2.5   | 10.3               | 1.4                | -2.1                   | -1.0           | 2.7             | 0.8           | 6.7             |      |      |                        |  |  |  |  |                            |          |
| Q2      | -8.6           | 16.6            | 11.4              | 29.1           | 0.6                      | 4.1   | 2.7   | 10.2               | 0.8                | 3.0                    | 2.3            | -5.7            | -1.7          | 5.7             |      |      |                        |  |  |  |  |                            |          |
| Q3      | -27.2          | 5.4             | -1.3              | 24.0           | 1.1                      | 12.6  | 1.9   | 5.1                | 0.3                | 1.2                    | 0.9            | -6.5            | -2.8          | 2.1             |      |      |                        |  |  |  |  |                            |          |
| Q4      | -26.1          | 8.9             | 2.1               | 17.5           | -0.6                     | 10.0  | 3.4   | 5.3                | -0.3               | 4.3                    | 2.9            | -3.1            | -0.1          | 3.3             |      |      |                        |  |  |  |  |                            |          |
| 2016 Q1 | -17.3          | 14.4            | 8.6               | -1.2           | 4.1                      | -8.3  | 6.2   | 4.5                | -2.6               | 5.4                    | 2.9            | -5.3            | -1.2          | 2.5             |      |      |                        |  |  |  |  |                            |          |
| Q2      | -13.1          | 12.4            | 8.1               | -7.4           | 6.6                      | 1.9   | 7.2   | 4.2                | -6.3               | 1.9                    | -0.6           | 2.2             | 0.7           | 3.0             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 7.9            | 17.2            | 15.8              | -3.6           | 3.0                      | -12.5 | 9.3   | 6.9                | -12.4              | 5.6                    | 0.1            | 1.3             | 0.7           | 4.7             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 19.9           | 15.7            | 16.3              | -1.2           | 1.5                      | -2.1  | 7.5   | 7.6                | -8.3               | 9.5                    | 4.2            | 2.6             | 3.4           | 6.1             |      |      |                        |  |  |  |  |                            |          |
| 2017 Q1 | 24.2           | 10.9            | 12.8              | 4.9            | 6.0                      | 0.2   | 13.1  | 10.0               | -8.1               | 12.2                   | 6.2            | 9.2             | 7.6           | 9.2             |      |      |                        |  |  |  |  |                            |          |
| Q2      | 27.0           | 8.6             | 11.1              | 8.3            | -2.3                     | -3.6  | 10.2  | 8.1                | -2.6               | 13.1                   | 8.6            | 5.7             | 7.2           | 7.8             |      |      |                        |  |  |  |  |                            |          |
| Q3      | 24.0           | 8.8             | 11.0              | 5.3            | -5.8                     | 11.6  | 6.5   | 6.8                | 2.5                | 8.6                    | 7.0            | 8.2             | 7.6           | 7.0             |      |      |                        |  |  |  |  |                            |          |
| Q4      | 13.0           | 11.5            | 11.7              | 3.3            | -6.6                     | 2.9   | 0.8   | 4.6                | -0.5               | 5.0                    | 3.5            | 4.5             | 4.0           | 4.4             |      |      |                        |  |  |  |  |                            |          |
| 2018 Q1 | -3.8           | 8.5             | 6.7               | 2.6            | -13.9                    | 14.6  | -5.2  | 0.5                | -0.6               | -1.0                   | -0.9           | 0.8             | -0.1          | 0.3             |      |      |                        |  |  |  |  |                            |          |
| Q2      | 3.2            | 5.5             | 5.2               | 5.4            | -18.6                    | 17.7  | -4.3  | 0.5                | -0.5               | -1.6                   | -1.3           | 4.3             | 1.4           | 0.8             |      |      |                        |  |  |  |  |                            |          |

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

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

%

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

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

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

# 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 industr- ial | Private commer- cial | All new work | Public housing | Private housing            | Total housing | Infrast- ructure | Public                 | Private | MVO4   | MVO5   | All Work |  |
| 2003 Q3 | MVM9                     | MVN2            | MVN3              | MVN4             | MVN5   | MVN6                 | MVN7                 | MVN8         | MVN9           | MVN1M                      | MVO2          | N42T             | N42U                   | N42V    | 9 363  | 24 784 |          |  |
| Q4      | 438                      | 3 867           | 4 305             | 2 299            | 1 886  | 1 211                | 5 719                | 15 421       | 1 550          | 2 851                      | 4 401         | –                | 1 729                  | 3 233   | 9 329  | 25 742 |          |  |
| 2004 Q1 | 533                      | 4 572           | 5 105             | 2 134            | 2 160  | 1 309                | 6 299                | 17 007       | 1 626          | 3 029                      | 4 656         | –                | 1 854                  | 3 218   | 9 728  | 26 735 |          |  |
| Q2      | 557                      | 4 684           | 5 241             | 2 109            | 2 179  | 1 285                | 6 429                | 17 242       | 1 571          | 2 868                      | 4 439         | –                | 1 806                  | 3 011   | 9 256  | 26 498 |          |  |
| Q3      | 562                      | 4 813           | 5 376             | 2 049            | 2 161  | 1 304                | 6 420                | 17 309       | 1 566          | 3 035                      | 4 601         | –                | 1 714                  | 3 004   | 9 319  | 26 628 |          |  |
| Q4      | 558                      | 4 907           | 5 465             | 1 952            | 2 138  | 1 313                | 6 361                | 17 228       | 1 650          | 3 019                      | 4 669         | –                | 1 842                  | 3 058   | 9 569  | 26 797 |          |  |
| 2005 Q1 | 546                      | 4 999           | 5 545             | 2 009            | 2 144  | 1 316                | 6 416                | 17 429       | 1 747          | 3 040                      | 4 787         | –                | 2 029                  | 3 282   | 10 098 | 27 527 |          |  |
| Q2      | 545                      | 5 224           | 5 769             | 1 989            | 2 119  | 1 391                | 6 582                | 17 849       | 1 741          | 3 055                      | 4 796         | –                | 2 112                  | 3 275   | 10 182 | 28 032 |          |  |
| Q3      | 546                      | 5 248           | 5 794             | 2 074            | 2 056  | 1 432                | 6 563                | 17 920       | 1 578          | 3 096                      | 4 674         | –                | 1 921                  | 3 277   | 9 873  | 27 792 |          |  |
| Q4      | 614                      | 5 244           | 5 858             | 2 170            | 2 044  | 1 470                | 6 764                | 18 306       | 1 576          | 3 085                      | 4 661         | –                | 1 982                  | 3 193   | 9 836  | 28 141 |          |  |
| 2006 Q1 | 657                      | 5 306           | 5 963             | 2 131            | 2 049  | 1 550                | 7 131                | 18 824       | 1 637          | 3 161                      | 4 798         | –                | 1 960                  | 3 318   | 10 075 | 28 900 |          |  |
| Q2      | 700                      | 5 386           | 6 086             | 2 018            | 2 011  | 1 548                | 7 349                | 19 013       | 1 652          | 3 178                      | 4 830         | –                | 2 115                  | 3 431   | 10 376 | 29 389 |          |  |
| Q3      | 738                      | 5 486           | 6 224             | 2 003            | 1 995  | 1 575                | 7 652                | 19 449       | 1 780          | 3 110                      | 4 889         | –                | 1 921                  | 3 356   | 10 166 | 29 615 |          |  |
| Q4      | 758                      | 5 587           | 6 345             | 2 026            | 1 991  | 1 635                | 7 988                | 19 985       | 1 751          | 3 119                      | 4 870         | –                | 1 872                  | 3 690   | 10 432 | 30 418 |          |  |
| 2007 Q1 | 849                      | 5 642           | 6 491             | 2 037            | 2 007  | 1 666                | 8 218                | 20 419       | 1 764          | 3 284                      | 5 049         | –                | 1 803                  | 3 928   | 10 779 | 31 199 |          |  |
| Q2      | 881                      | 5 589           | 6 469             | 2 112            | 2 051  | 1 674                | 8 495                | 20 802       | 1 692          | 3 367                      | 5 059         | –                | 1 939                  | 3 897   | 10 895 | 31 696 |          |  |
| Q3      | 876                      | 5 516           | 6 392             | 2 202            | 2 116  | 1 590                | 8 665                | 20 965       | 1 667          | 3 299                      | 4 966         | –                | 1 792                  | 3 955   | 10 713 | 31 678 |          |  |
| Q4      | 874                      | 5 399           | 6 273             | 2 291            | 2 173  | 1 508                | 9 025                | 21 271       | 1 762          | 3 526                      | 5 288         | –                | 1 905                  | 4 027   | 11 220 | 32 490 |          |  |
| 2008 Q1 | 849                      | 5 213           | 6 062             | 2 388            | 2 341  | 1 514                | 9 263                | 21 569       | 1 760          | 3 522                      | 5 281         | –                | 2 051                  | 4 179   | 11 511 | 33 080 |          |  |
| Q2      | 848                      | 4 809           | 5 657             | 2 474            | 2 451  | 1 376                | 8 932                | 20 890       | 1 914          | 3 706                      | 5 620         | –                | 2 266                  | 4 285   | 12 171 | 33 061 |          |  |
| Q3      | 832                      | 4 338           | 5 169             | 2 523            | 2 585  | 1 294                | 8 845                | 20 417       | 1 904          | 3 616                      | 5 519         | –                | 2 217                  | 3 974   | 11 711 | 32 128 |          |  |
| Q4      | 770                      | 3 778           | 4 548             | 2 330            | 2 610  | 1 154                | 8 151                | 18 793       | 1 890          | 3 865                      | 5 755         | –                | 2 101                  | 3 726   | 11 582 | 30 375 |          |  |
| 2009 Q1 | 720                      | 3 315           | 4 035             | 2 350            | 2 626  | 969                  | 7 303                | 17 283       | 1 799          | 3 400                      | 5 199         | –                | 2 048                  | 3 636   | 10 882 | 28 165 |          |  |
| Q2      | 749                      | 3 151           | 3 900             | 2 534            | 2 837  | 872                  | 6 794                | 16 938       | 1 800          | 3 276                      | 5 076         | –                | 2 070                  | 3 519   | 10 665 | 27 603 |          |  |
| Q3      | 866                      | 2 986           | 3 852             | 2 697            | 3 094  | 826                  | 6 013                | 16 482       | 1 928          | 3 509                      | 5 437         | –                | 2 378                  | 3 611   | 11 425 | 27 907 |          |  |
| Q4      | 992                      | 3 140           | 4 132             | 3 158            | 3 300  | 847                  | 5 448                | 16 884       | 1 890          | 3 098                      | 4 988         | –                | 2 136                  | 3 400   | 10 524 | 27 408 |          |  |
| 2010 Q1 | 1 141                    | 3 442           | 4 583             | 3 473            | 3 535  | 848                  | 5 806                | 18 245       | 1 954          | 3 286                      | 5 240         | 1 604            | 1 283                  | 2 004   | 10 131 | 28 376 |          |  |
| Q2      | 1 183                    | 3 584           | 4 767             | 3 606            | 3 662  | 866                  | 5 882                | 18 782       | 2 020          | 3 571                      | 5 591         | 1 801            | 1 305                  | 2 023   | 10 719 | 29 501 |          |  |
| Q3      | 1 304                    | 3 921           | 5 225             | 3 402            | 3 526  | 1 012                | 6 177                | 19 341       | 1 969          | 3 797                      | 5 766         | 1 713            | 1 238                  | 2 080   | 10 797 | 30 138 |          |  |
| Q4      | 1 265                    | 3 892           | 5 157             | 3 059            | 3 650  | 824                  | 5 846                | 18 536       | 1 928          | 3 750                      | 5 679         | 1 723            | 1 249                  | 2 183   | 10 834 | 29 370 |          |  |
| 2011 Q1 | 1 310                    | 4 019           | 5 330             | 3 628            | 3 645  | 809                  | 5 765                | 19 177       | 1 824          | 3 707                      | 5 531         | 1 878            | 1 260                  | 2 249   | 10 919 | 30 096 |          |  |
| Q2      | 1 259                    | 4 066           | 5 325             | 4 010            | 3 387  | 850                  | 6 053                | 19 625       | 1 824          | 3 727                      | 5 551         | 1 877            | 1 247                  | 2 197   | 10 872 | 30 498 |          |  |
| Q3      | 1 207                    | 4 194           | 5 401             | 3 833            | 3 208  | 839                  | 6 168                | 19 449       | 1 768          | 3 751                      | 5 519         | 2 006            | 1 269                  | 2 229   | 11 022 | 30 471 |          |  |
| Q4      | 1 147                    | 4 119           | 5 266             | 3 849            | 3 071  | 867                  | 6 286                | 19 339       | 1 807          | 3 974                      | 5 781         | 1 994            | 1 274                  | 2 286   | 11 334 | 30 672 |          |  |
| 2012 Q1 | 1 089                    | 4 345           | 5 434             | 3 617            | 2 917  | 936                  | 5 796                | 18 699       | 1 837          | 3 920                      | 5 757         | 1 915            | 1 278                  | 2 386   | 11 337 | 30 036 |          |  |
| Q2      | 972                      | 3 983           | 4 954             | 3 394            | 2 725  | 938                  | 5 844                | 17 856       | 1 893          | 3 764                      | 5 657         | 2 007            | 1 210                  | 2 299   | 11 173 | 29 029 |          |  |
| Q3      | 1 006                    | 3 964           | 4 970             | 3 663            | 2 658  | 927                  | 5 441                | 17 660       | 1 955          | 3 762                      | 5 717         | 1 837            | 1 221                  | 2 290   | 11 065 | 28 725 |          |  |
| Q4      | 983                      | 4 091           | 5 074             | 3 751            | 2 578  | 1 009                | 5 546                | 17 957       | 1 961          | 3 675                      | 5 637         | 1 913            | 1 251                  | 2 288   | 11 089 | 29 046 |          |  |
| 2013 Q1 | 968                      | 4 211           | 5 180             | 3 780            | 2 490  | 951                  | 5 648                | 18 048       | 1 907          | 3 835                      | 5 742         | 1 951            | 1 307                  | 2 305   | 11 306 | 29 354 |          |  |
| Q2      | 1 043                    | 4 422           | 5 465             | 3 784            | 2 573  | 875                  | 5 717                | 18 414       | 1 883          | 3 979                      | 5 862         | 1 903            | 1 333                  | 2 476   | 11 575 | 29 989 |          |  |
| Q3      | 1 104                    | 4 719           | 5 822             | 3 785            | 2 653  | 869                  | 6 132                | 19 261       | 1 857          | 4 139                      | 5 996         | 2 082            | 1 361                  | 2 486   | 11 925 | 31 186 |          |  |
| Q4      | 1 228                    | 5 027           | 6 255             | 3 984            | 2 533  | 863                  | 6 132                | 19 768       | 1 898          | 4 217                      | 6 115         | 2 149            | 1 348                  | 2 494   | 12 107 | 31 875 |          |  |
| 2014 Q1 | 1 345                    | 5 439           | 6 784             | 3 837            | 2 496  | 986                  | 6 377                | 20 480       | 1 939          | 4 493                      | 6 432         | 2 164            | 1 348                  | 2 547   | 12 490 | 32 971 |          |  |
| Q2      | 1 444                    | 5 762           | 7 206             | 3 692            | 2 562  | 1 083                | 6 422                | 20 966       | 1 938          | 4 463                      | 6 401         | 2 129            | 1 436                  | 2 697   | 12 664 | 33 629 |          |  |
| Q3      | 1 531                    | 6 206           | 7 737             | 3 814            | 2 626  | 1 078                | 6 480                | 21 735       | 1 966          | 4 573                      | 6 538         | 2 236            | 1 430                  | 2 714   | 12 918 | 34 653 |          |  |
| Q4      | 1 468                    | 6 212           | 7 680             | 3 982            | 2 679  | 1 055                | 6 663                | 22 059       | 1 941          | 4 440                      | 6 381         | 2 272            | 1 305                  | 2 680   | 12 638 | 34 697 |          |  |
| 2015 Q1 | 1 376                    | 6 287           | 7 663             | 4 595            | 2 538  | 1 170                | 6 566                | 22 533       | 1 979          | 4 429                      | 6 408         | 2 361            | 1 233                  | 2 674   | 12 677 | 35 210 |          |  |
| Q2      | 1 314                    | 6 682           | 7 996             | 4 754            | 2 611  | 1 150                | 6 700                | 23 212       | 1 980          | 4 664                      | 6 644         | 2 099            | 1 157                  | 2 715   | 12 616 | 35 828 |          |  |
| Q3      | 1 113                    | 6 539           | 7 651             | 4 746            | 2 681  | 1 256                | 6 711                | 23 045       | 1 997          | 4 704                      | 6 702         | 2 061            | 1 194                  | 2 786   | 12 743 | 35 788 |          |  |
| Q4      | 1 090                    | 6 790           | 7 880             | 4 715            | 2 699  | 1 158                | 7 013                | 23 466       | 1 953          | 4 714                      | 6 667         | 1 975            | 1 282                  | 2 901   | 12 825 | 36 292 |          |  |
| 2016 Q1 | 1 148                    | 7 254           | 8 401             | 4 571            | 2 683  | 1 076                | 7 143                | 23 874       | 1 961          | 4 772                      | 6 733         | 1 906            | 1 225                  | 2 874   | 12 738 | 36 612 |          |  |
| Q2      | 1 153                    | 7 569           | 8 722             | 4 449            | 2 843  | 1 213                | 7 367                | 24 593       | 1 912          | 4 874                      | 6 786         | 2 101            | 1 227                  | 2 879   | 12 993 | 37 586 |          |  |
| Q3      | 1 215                    | 7 757           | 8 972             | 4 635            | 2 846  | 1 126                | 7 534                | 25 113       | 1 819          | 5 107                      | 6 926         | 1 986            | 1 213                  | 2 935   | 13 060 | 38 173 |          |  |
| Q4      | 1 326                    | 7 982           | 9 309             | 4 749            | 2 853  | 1 185                | 7 772                | 25 868       | 1 881          | 5 325                      | 7 206         | 2 073            | 1 202                  | 3 052   | 13 532 | 39 400 |          |  |
| 2017 Q1 | 1 450                    | 8 164           | 9 614             | 4 834            | 2 928  | 1 136                | 8 246                | 26 757       | 1 873          | 5 475                      | 7 348         | 2 178            | 1 256                  | 3 163   | 13 945 | 40 702 |          |  |
| Q2      | 1 501                    | 8 466           | 9 967             | 4 886            | 2 853  | 1 184                | 8 270                | 27 160       | 1 924          | 5 612                      | 7 537         | 2 147            | 1 286                  | 3 103   | 14 072 | 41 233 |          |  |
| Q3      | 1 562                    | 8 732           | 10 293            | 4 994            | 2 779  | 1 295                | 8 227                | 27 589       | 1 904          | 5 628                      | 7 533         | 2 231            | 1 292                  | 3 193   | 14 248 | 41 836 |          |  |
| Q4      | 1 559                    | 9 267           | 10 826            | 5 012            | 2 745  | 1 271                | 8 026                | 27 880       | 1 897          | 5 654                      | 7 551         | 2 261            | 1 170                  | 3 248   | 14 230 | 42 110 |          |  |
| 2018 Q1 | 1 449                    | 9 164           | 10 613            | 5 088            | 2 599  | 1 351                | 8 069                | 27 719       | 1 893          | 5 502                      | 7 395         | 2 251            | 1 117                  | 3 287   | 14 050 | 41 769 |          |  |
| Q2      | 1 621                    | 9 419           | 11 040            | 5 330            | 2 419  | 1 448                | 8 219                | 28 455       | 1 948          | 5 635                      | 7 583         | 2 397            | 1 188                  | 3 391   | 14 560 | 43 01  |          |  |

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

£ million

|      | New Housing       |                    |                         |                     | Other New Work           |                            |                            |                 | Repair and Maintenance |                    |                  |                     |            |         |        |        | All<br>Repair<br>and<br>Main-<br>tenance | All<br>Work |  |  |
|------|-------------------|--------------------|-------------------------|---------------------|--------------------------|----------------------------|----------------------------|-----------------|------------------------|--------------------|------------------|---------------------|------------|---------|--------|--------|--|-------------|--|--|
|      |                   |                    |                         |                     | Excluding Infrastructure |                            |                            |                 | Housing                |                    |                  |                     | Other Work |         |        |        |  |             |  |  |
|      | Public<br>housing | Private<br>housing | Total<br>new<br>housing | Infrast-<br>ructure | Public                   | Private<br>industr-<br>ial | Private<br>commer-<br>cial | All<br>new work | Public<br>housing      | Private<br>housing | Total<br>housing | Infrast-<br>ructure | Public     | Private |        |        |  |             |  |  |
| 2012 | MVM9              | MVN2               | MVN3                    | MVN4                | MVN5                     | MVN6                       | MVN7                       | MVN8            | MVN9                   | MVN M              | MVO2             | N42T                | N42U       | N42V    | MVO4   | MVO5   |  |             |  |  |
|      | 346               | 1 293              | 1 640                   | 1 116               | 882                      | 312                        | 1 809                      | 5 759           | 650                    | 1 333              | 1 983            | 632                 | 407        | 790     | 3 812  | 9 571  |  |             |  |  |
|      | 329               | 1 283              | 1 611                   | 1 304               | 890                      | 301                        | 1 838                      | 5 945           | 647                    | 1 234              | 1 882            | 605                 | 410        | 735     | 3 631  | 9 576  |  |             |  |  |
|      | 331               | 1 388              | 1 719                   | 1 243               | 886                      | 315                        | 1 794                      | 5 956           | 657                    | 1 195              | 1 852            | 601                 | 405        | 765     | 3 622  | 9 578  |  |             |  |  |
|      | 325               | 1 335              | 1 660                   | 1 250               | 881                      | 331                        | 1 839                      | 5 960           | 656                    | 1 197              | 1 853            | 622                 | 404        | 760     | 3 639  | 9 599  |  |             |  |  |
|      | 326               | 1 380              | 1 706                   | 1 270               | 866                      | 331                        | 1 831                      | 6 004           | 662                    | 1 225              | 1 887            | 671                 | 426        | 788     | 3 771  | 9 775  |  |             |  |  |
| 2013 | 332               | 1 376              | 1 709                   | 1 231               | 831                      | 347                        | 1 876                      | 5 993           | 643                    | 1 253              | 1 896            | 620                 | 422        | 741     | 3 679  | 9 672  |  |             |  |  |
|      | 321               | 1 375              | 1 696                   | 1 215               | 787                      | 324                        | 1 891                      | 5 913           | 625                    | 1 263              | 1 889            | 649                 | 425        | 757     | 3 719  | 9 633  |  |             |  |  |
|      | 329               | 1 438              | 1 767                   | 1 270               | 850                      | 325                        | 1 872                      | 6 084           | 647                    | 1 286              | 1 932            | 666                 | 437        | 775     | 3 810  | 9 894  |  |             |  |  |
|      | 319               | 1 398              | 1 716                   | 1 294               | 853                      | 302                        | 1 885                      | 6 051           | 635                    | 1 286              | 1 921            | 637                 | 445        | 774     | 3 777  | 9 827  |  |             |  |  |
|      | 344               | 1 414              | 1 758                   | 1 234               | 833                      | 295                        | 1 887                      | 6 008           | 650                    | 1 288              | 1 938            | 619                 | 437        | 818     | 3 811  | 9 819  |  |             |  |  |
|      | 347               | 1 469              | 1 816                   | 1 232               | 874                      | 292                        | 1 920                      | 6 135           | 620                    | 1 329              | 1 949            | 650                 | 447        | 817     | 3 864  | 9 999  |  |             |  |  |
|      | 352               | 1 538              | 1 891                   | 1 317               | 866                      | 288                        | 1 910                      | 6 271           | 613                    | 1 362              | 1 975            | 634                 | 449        | 841     | 3 899  | 10 171 |  |             |  |  |
|      | 362               | 1 519              | 1 881                   | 1 260               | 868                      | 283                        | 1 978                      | 6 271           | 593                    | 1 356              | 1 949            | 682                 | 457        | 809     | 3 897  | 10 168 |  |             |  |  |
|      | 368               | 1 598              | 1 967                   | 1 308               | 869                      | 312                        | 2 042                      | 6 499           | 641                    | 1 387              | 2 028            | 703                 | 454        | 855     | 4 039  | 10 538 |  |             |  |  |
|      | 374               | 1 601              | 1 975                   | 1 216               | 915                      | 273                        | 2 111                      | 6 491           | 623                    | 1 396              | 2 019            | 697                 | 451        | 822     | 3 989  | 10 479 |  |             |  |  |
|      | 412               | 1 647              | 2 059                   | 1 364               | 845                      | 278                        | 2 077                      | 6 623           | 638                    | 1 404              | 2 041            | 718                 | 461        | 842     | 4 062  | 10 685 |  |             |  |  |
|      | 416               | 1 653              | 2 069                   | 1 311               | 841                      | 287                        | 2 016                      | 6 524           | 626                    | 1 430              | 2 056            | 695                 | 450        | 827     | 4 028  | 10 552 |  |             |  |  |
|      | 401               | 1 727              | 2 128                   | 1 309               | 847                      | 298                        | 2 039                      | 6 621           | 634                    | 1 383              | 2 017            | 736                 | 438        | 825     | 4 016  | 10 637 |  |             |  |  |
| 2014 | 435               | 1 894              | 2 330                   | 1 304               | 829                      | 309                        | 2 107                      | 6 878           | 678                    | 1 469              | 2 147            | 758                 | 456        | 838     | 4 200  | 11 078 |  |             |  |  |
|      | 452               | 1 773              | 2 224                   | 1 300               | 824                      | 328                        | 2 097                      | 6 774           | 633                    | 1 519              | 2 152            | 708                 | 443        | 854     | 4 157  | 10 931 |  |             |  |  |
|      | 458               | 1 772              | 2 230                   | 1 233               | 843                      | 349                        | 2 174                      | 6 828           | 628                    | 1 504              | 2 132            | 698                 | 448        | 855     | 4 133  | 10 962 |  |             |  |  |
|      | 449               | 1 898              | 2 346                   | 1 223               | 873                      | 355                        | 2 157                      | 6 955           | 650                    | 1 513              | 2 164            | 708                 | 494        | 885     | 4 251  | 11 206 |  |             |  |  |
|      | 491               | 1 922              | 2 413                   | 1 254               | 831                      | 361                        | 2 128                      | 6 988           | 638                    | 1 487              | 2 125            | 703                 | 471        | 885     | 4 185  | 11 174 |  |             |  |  |
|      | 504               | 1 943              | 2 447                   | 1 215               | 858                      | 366                        | 2 136                      | 7 022           | 649                    | 1 463              | 2 112            | 718                 | 471        | 926     | 4 227  | 11 249 |  |             |  |  |
|      | 500               | 2 064              | 2 564                   | 1 262               | 857                      | 359                        | 2 168                      | 7 209           | 652                    | 1 498              | 2 150            | 739                 | 459        | 905     | 4 253  | 11 461 |  |             |  |  |
|      | 517               | 2 047              | 2 564                   | 1 255               | 888                      | 363                        | 2 138                      | 7 208           | 663                    | 1 574              | 2 237            | 744                 | 458        | 901     | 4 341  | 11 549 |  |             |  |  |
|      | 514               | 2 095              | 2 609                   | 1 297               | 882                      | 356                        | 2 175                      | 7 318           | 650                    | 1 501              | 2 151            | 752                 | 513        | 908     | 4 325  | 11 643 |  |             |  |  |
|      | 502               | 2 081              | 2 583                   | 1 305               | 910                      | 344                        | 2 156                      | 7 297           | 638                    | 1 493              | 2 131            | 787                 | 437        | 850     | 4 205  | 11 502 |  |             |  |  |
|      | 485               | 2 111              | 2 596                   | 1 358               | 891                      | 345                        | 2 233                      | 7 423           | 664                    | 1 478              | 2 142            | 752                 | 419        | 927     | 4 240  | 11 663 |  |             |  |  |
|      | 481               | 2 020              | 2 501                   | 1 319               | 878                      | 366                        | 2 274                      | 7 339           | 639                    | 1 469              | 2 108            | 733                 | 449        | 903     | 4 193  | 11 532 |  |             |  |  |
| 2015 | 456               | 2 109              | 2 565                   | 1 477               | 812                      | 395                        | 2 198                      | 7 448           | 661                    | 1 460              | 2 121            | 803                 | 416        | 887     | 4 227  | 11 675 |  |             |  |  |
|      | 469               | 2 053              | 2 522                   | 1 486               | 867                      | 395                        | 2 211                      | 7 481           | 649                    | 1 443              | 2 092            | 720                 | 409        | 892     | 4 113  | 11 594 |  |             |  |  |
|      | 451               | 2 125              | 2 576                   | 1 632               | 859                      | 380                        | 2 157                      | 7 604           | 669                    | 1 526              | 2 195            | 838                 | 408        | 895     | 4 336  | 11 941 |  |             |  |  |
|      | 479               | 2 220              | 2 699                   | 1 629               | 847                      | 391                        | 2 174                      | 7 740           | 643                    | 1 542              | 2 185            | 738                 | 395        | 895     | 4 212  | 11 953 |  |             |  |  |
|      | 420               | 2 264              | 2 684                   | 1 585               | 862                      | 379                        | 2 213                      | 7 724           | 668                    | 1 547              | 2 215            | 671                 | 379        | 914     | 4 179  | 11 903 |  |             |  |  |
|      | 415               | 2 198              | 2 613                   | 1 540               | 902                      | 380                        | 2 313                      | 7 748           | 669                    | 1 576              | 2 244            | 690                 | 384        | 906     | 4 224  | 11 972 |  |             |  |  |
|      | 390               | 2 200              | 2 590                   | 1 632               | 897                      | 436                        | 2 263                      | 7 819           | 660                    | 1 569              | 2 228            | 745                 | 385        | 929     | 4 288  | 12 107 |  |             |  |  |
|      | 354               | 2 154              | 2 508                   | 1 570               | 880                      | 413                        | 2 255                      | 7 626           | 661                    | 1 553              | 2 214            | 660                 | 393        | 901     | 4 168  | 11 794 |  |             |  |  |
|      | 369               | 2 185              | 2 553                   | 1 543               | 904                      | 407                        | 2 193                      | 7 600           | 677                    | 1 583              | 2 259            | 655                 | 416        | 957     | 4 288  | 11 888 |  |             |  |  |
|      | 364               | 2 255              | 2 619                   | 1 561               | 894                      | 389                        | 2 343                      | 7 806           | 654                    | 1 594              | 2 247            | 646                 | 422        | 955     | 4 270  | 12 077 |  |             |  |  |
|      | 357               | 2 215              | 2 572                   | 1 493               | 902                      | 399                        | 2 353                      | 7 719           | 646                    | 1 577              | 2 223            | 663                 | 434        | 963     | 4 282  | 12 002 |  |             |  |  |
|      | 369               | 2 320              | 2 689                   | 1 661               | 903                      | 370                        | 2 317                      | 7 941           | 653                    | 1 543              | 2 196            | 665                 | 427        | 984     | 4 272  | 12 213 |  |             |  |  |
| 2016 | 393               | 2 307              | 2 699                   | 1 496               | 901                      | 372                        | 2 415                      | 7 883           | 653                    | 1 602              | 2 255            | 640                 | 422        | 963     | 4 279  | 12 163 |  |             |  |  |
|      | 370               | 2 445              | 2 816                   | 1 544               | 914                      | 336                        | 2 419                      | 8 029           | 658                    | 1 577              | 2 235            | 645                 | 417        | 959     | 4 256  | 12 285 |  |             |  |  |
|      | 384               | 2 502              | 2 886                   | 1 531               | 868                      | 369                        | 2 309                      | 7 962           | 649                    | 1 593              | 2 242            | 622                 | 386        | 952     | 4 202  | 12 164 |  |             |  |  |
|      | 372               | 2 516              | 2 888                   | 1 485               | 951                      | 420                        | 2 445                      | 8 188           | 653                    | 1 625              | 2 278            | 718                 | 403        | 965     | 4 365  | 12 553 |  |             |  |  |
|      | 377               | 2 502              | 2 879                   | 1 495               | 956                      | 407                        | 2 449                      | 8 187           | 634                    | 1 598              | 2 232            | 701                 | 413        | 943     | 4 288  | 12 475 |  |             |  |  |
|      | 404               | 2 551              | 2 955                   | 1 469               | 936                      | 386                        | 2 472                      | 8 218           | 625                    | 1 651              | 2 276            | 683                 | 411        | 971     | 4 340  | 12 558 |  |             |  |  |
|      | 403               | 2 569              | 2 972                   | 1 555               | 967                      | 376                        | 2 486                      | 8 355           | 615                    | 1 674              | 2 289            | 660                 | 399        | 964     | 4 312  | 12 667 |  |             |  |  |
|      | 400               | 2 559              | 2 959                   | 1 520               | 947                      | 370                        | 2 503                      | 8 300           | 594                    | 2 275              | 660              | 410                 | 994        | 4 339   | 12 639 |        |  |             |  |  |
|      | 412               | 2 628              | 3 040                   | 1 560               | 932                      | 381                        | 2 545                      | 8 458           | 610                    | 1 752              | 2 362            | 666                 | 405        | 977     | 4 410  | 12 868 |  |             |  |  |
|      | 425               | 2 635              | 3 060                   | 1 525               | 934                      | 390                        | 2 551                      | 8 460           | 617                    | 1 704              | 2 322            | 672                 | 406        | 1 034   | 4 435  | 12 895 |  |             |  |  |
|      | 442               | 2 668              | 3 111                   | 1 628               | 962                      | 396                        | 2 566                      | 8 662           | 616                    | 1 793              | 2 409            | 696                 | 386        | 1 011   | 4 501  | 13 163 |  |             |  |  |
|      | 459               | 2 679              | 3 138                   | 1 595               | 958                      | 399                        | 2 655                      | 8 746           | 647                    | 1 828              | 2 475            | 705                 | 410        | 1 007   | 4 596  | 13 342 |  |             |  |  |
| 2017 | 469               | 2 682              | 3 151                   | 1 649               | 994                      | 374                        | 2 689                      | 8 858           | 611                    | 1 832              | 2 443            | 712                 | 417        | 1 037   | 4 609  | 13 467 |  |             |  |  |
|      | 473               | 2 666              | 3 139                   | 1 585               | 977                      | 376                        | 2 764                      | 8 839           | 626                    | 1 809              | 2 435            | 737                 | 426        | 1 037   | 4 635  | 13 474 |  |             |  |  |
|      | 508               | 2 816              | 3 324                   | 1 601               | 956                      | 386                        | 2 793                      | 9 060           | 636                    | 1 833              | 2 470            | 729                 | 413        | 1 090   | 4 702  | 13 761 |  |             |  |  |
|      | 473               | 2 738              | 3 212                   | 1 617               | 968                      | 379                        | 2 757                      | 8 933           | 634                    | 1 860              | 2 494            | 697                 | 436        | 1 025   | 4 651  | 13 584 |  |             |  |  |
|      | 529               | 2 769              | 3 297                   | 1 634               | 960                      | 370                        | 2 774                      | 9 035           | 629                    | 1 885              | 2 515            | 710                 | 425        | 1 063   | 4 714  | 13 749 |  |             |  |  |
|      | 499               | 2 958              | 3 458                   | 1 635               | 926                      | 435                        | 2 739                      | 9 192           | 661                    | 1 867              | 2 528            | 740                 | 425        | 1 014   | 4 707  | 13 900 |  |             |  |  |
|      | 511               | 2 847              | 3 358                   | 1 646               | 889                      | 422                        | 2 721                      | 9 036           | 640                    | 1 884              | 2 524            | 721                 | 460        | 1 066   | 4 772  | 13 807 |  |             |  |  |
|      | 521               | 2 954              | 3 476                   | 1 669               | 959                      | 422                        | 2 792                      | 9 318           | 635                    | 1 902              | 2 537            | 737                 | 425        | 1 044   | 4 743  | 14 061 |  |             |  |  |
|      | 529               | 2 930              | 3 460                   | 1 679               | 931                      | 451                        | 2 714                      | 9 235           | 629                    | 1 842              | 2 471            | 773                 | 407        | 1 083   | 4 733  | 13 968 |  |             |  |  |
|      | 486               | 3 016              | 3 502                   | 1 658               | 902                      | 443                        | 2 638                      | 9 142           | 634                    | 1 885              | 2 518            | 745                 | 393        | 1 081   | 4 738  | 13 880 |  |             |  |  |
|      | 524               | 3 129              | 3 653                   | 1 627               | 900                      | 411                        | 2 675                      | 9 266           | 622                    | 1 938              | 2 560            | 754                 | 397        | 1 088   | 4 799  | 14 066 |  |             |  |  |
|      | 549               | 3 123              | 3 672                   | 1 728               | 943                      | 417                        | 2 713                      | 9 472           | 642                    | 1 831              | 2 473            | 762                 | 380        | 1 079   | 4 693  | 14 165 |  |             |  |  |
| 2018 | 460               | 2 974              | 3 434                   | 1 744               | 876                      | 454                        | 2 714                      | 9 222           | 644                    | 1 844              | 2 487            | 766                 | 374        | 1 086   | 4 713  | 13 935 |  |             |  |  |
|      | 489               | 3 105              | 3 594                   | 1 669               | 869                      | 437                        | 2 693                      | 9 263           | 632                    | 1 833              | 2 465</          |                     |            |         |        |        |  |             |  |  |

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

£ million

|      | New Housing    |        |                 |        |                          |                  |        |         |                      |        |                     |       |              |                |                 | Other New Work |                  |        |         | Repair and Maintenance     |  |          |  | Other Work |  |  |  |
|------|----------------|--------|-----------------|--------|--------------------------|------------------|--------|---------|----------------------|--------|---------------------|-------|--------------|----------------|-----------------|----------------|------------------|--------|---------|----------------------------|--|----------|--|------------|--|--|--|
|      |                |        |                 |        | Excluding Infrastructure |                  |        |         |                      |        |                     |       |              | Housing        |                 |                |                  |        |         |                            |  |          |  |            |  |  |  |
|      | Public housing |        | Private housing |        | Total new housing        | Infrast- ructure | Public |         | Private industr- ial |        | Private commer- ial |       | All new work | Public housing | Private housing | Total housing  | Infrast- ructure | Public | Private | All Repair and Maintenance |  | All Work |  |            |  |  |  |
|      | MV6L           | MV6M   | MVM5            | MV6N   | MV6O                     | MV6P             | MV6Q   | MV6R    | MV6S                 | MV6T   | MV6V                | MV6W  | MV6X         | MV6Y           | MV6Z            | MV72           |                  |        |         |                            |  |          |  |            |  |  |  |
| 1997 | 1 028          | 7 559  | 8 587           | 7 953  | 3 063                    | 4 536            | 12 631 | 36 770  | 5 229                | 7 460  | 12 689              | —     | 4 669        | 6 862          | 24 220          | 60 990         |                  |        |         |                            |  |          |  |            |  |  |  |
| 1998 | 881            | 8 146  | 9 027           | 7 703  | 3 343                    | 4 893            | 14 747 | 39 713  | 5 110                | 7 890  | 13 000              | —     | 4 778        | 7 334          | 25 112          | 64 825         |                  |        |         |                            |  |          |  |            |  |  |  |
| 1999 | 824            | 8 079  | 8 903           | 7 610  | 3 907                    | 5 030            | 17 713 | 43 163  | 5 059                | 7 990  | 13 049              | —     | 4 882        | 7 487          | 25 418          | 68 581         |                  |        |         |                            |  |          |  |            |  |  |  |
| 2000 | 1 075          | 9 475  | 10 550          | 7 941  | 3 863                    | 4 717            | 18 608 | 45 679  | 5 104                | 8 358  | 13 462              | —     | 5 158        | 8 412          | 27 032          | 72 711         |                  |        |         |                            |  |          |  |            |  |  |  |
| 2001 | 1 174          | 9 639  | 10 813          | 8 814  | 4 253                    | 4 709            | 19 988 | 48 577  | 5 164                | 8 870  | 14 034              | —     | 5 541        | 9 808          | 29 383          | 77 960         |                  |        |         |                            |  |          |  |            |  |  |  |
| 2002 | 1 411          | 11 453 | 12 864          | 10 033 | 5 517                    | 4 323            | 22 220 | 54 957  | 4 974                | 10 255 | 15 229              | —     | 6 065        | 10 969         | 32 263          | 87 220         |                  |        |         |                            |  |          |  |            |  |  |  |
| 2003 | 1 706          | 15 017 | 16 723          | 9 333  | 7 280                    | 4 765            | 22 893 | 60 994  | 5 781                | 11 146 | 16 927              | —     | 7 168        | 12 169         | 36 264          | 97 258         |                  |        |         |                            |  |          |  |            |  |  |  |
| 2004 | 2 210          | 18 977 | 21 187          | 8 243  | 8 638                    | 5 210            | 25 509 | 68 787  | 6 414                | 11 951 | 18 365              | —     | 7 215        | 12 291         | 37 871          | 106 658        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2005 | 2 251          | 20 715 | 22 966          | 8 241  | 8 362                    | 5 610            | 26 325 | 71 504  | 6 642                | 12 276 | 18 918              | —     | 8 044        | 13 027         | 39 989          | 111 493        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2006 | 2 853          | 21 765 | 24 618          | 8 178  | 8 047                    | 6 308            | 30 121 | 77 272  | 6 819                | 12 568 | 19 387              | —     | 7 868        | 13 794         | 41 049          | 118 321        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2007 | 3 480          | 22 146 | 25 626          | 8 642  | 8 347                    | 6 438            | 34 404 | 83 457  | 6 885                | 13 476 | 20 361              | —     | 7 439        | 15 807         | 43 607          | 127 064        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2008 | 3 299          | 18 138 | 21 437          | 9 715  | 9 988                    | 5 339            | 35 190 | 81 669  | 7 467                | 14 708 | 22 175              | —     | 8 635        | 16 165         | 46 975          | 128 644        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2009 | 3 327          | 12 592 | 15 919          | 10 738 | 11 857                   | 3 515            | 25 558 | 67 587  | 7 417                | 13 283 | 20 700              | —     | 8 631        | 14 165         | 43 496          | 111 083        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2010 | 4 893          | 14 839 | 19 732          | 13 540 | 14 372                   | 3 551            | 23 710 | 74 905  | 7 871                | 14 405 | 22 276              | 6 841 | 5 074        | 8 290          | 42 480          | 117 385        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2011 | 4 924          | 16 398 | 21 322          | 15 320 | 13 311                   | 3 365            | 24 272 | 77 590  | 7 223                | 15 159 | 22 383              | 7 755 | 5 050        | 8 960          | 44 147          | 121 737        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2012 | 4 049          | 16 383 | 20 432          | 14 426 | 10 878                   | 3 810            | 22 627 | 72 172  | 7 646                | 15 121 | 22 768              | 7 672 | 4 961        | 9 263          | 44 664          | 116 836        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2013 | 4 343          | 18 379 | 22 722          | 15 333 | 10 249                   | 3 558            | 23 629 | 75 492  | 7 545                | 16 170 | 23 715              | 8 086 | 5 350        | 9 761          | 46 912          | 122 404        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2014 | 5 788          | 23 619 | 29 407          | 15 325 | 10 363                   | 4 202            | 25 943 | 85 240  | 7 783                | 17 969 | 25 752              | 8 801 | 5 519        | 10 638         | 50 710          | 135 950        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2015 | 4 893          | 26 298 | 31 190          | 18 811 | 10 530                   | 4 735            | 26 991 | 92 257  | 7 910                | 18 511 | 26 421              | 8 496 | 4 867        | 11 077         | 50 861          | 143 118        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2016 | 4 842          | 30 562 | 35 404          | 18 403 | 11 226                   | 4 601            | 29 816 | 99 448  | 7 572                | 20 078 | 27 651              | 8 067 | 4 867        | 11 739         | 52 323          | 151 772        |                  |        |         |                            |  |          |  |            |  |  |  |
| 2017 | 6 072          | 34 628 | 40 700          | 19 727 | 11 305                   | 4 886            | 32 768 | 109 387 | 7 599                | 22 369 | 29 968              | 8 817 | 5 003        | 12 707         | 56 495          | 165 882        |                  |        |         |                            |  |          |  |            |  |  |  |

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

£ million

|         | New Housing              |                 |                   |                  |        |                    |                            |              |                |                 |               |                  |                        |         |                            |        |            | Other New Work |      |  |  | Repair and Maintenance |  |  |  | Other Work |  |  |  |
|---------|--------------------------|-----------------|-------------------|------------------|--------|--------------------|----------------------------|--------------|----------------|-----------------|---------------|------------------|------------------------|---------|----------------------------|--------|------------|----------------|------|--|--|------------------------|--|--|--|------------|--|--|--|
|         | New Housing              |                 |                   |                  |        |                    | Other New Work             |              |                |                 |               |                  | Repair and Maintenance |         |                            |        | Other Work |                |      |  |  |                        |  |  |  |            |  |  |  |
|         | Excluding Infrastructure |                 |                   | Housing          |        |                    | All Repair and Maintenance |              |                |                 | All Work      |                  |                        |         |                            |        |            |                |      |  |  |                        |  |  |  |            |  |  |  |
|         | 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 | All Repair and Maintenance | Public | Private    | MV6Z           | MV72 |  |  |                        |  |  |  |            |  |  |  |
| 2003 Q3 | MV6L                     | MV6M            | MV5M              | MV6N             | MV6O   | MV6P               | MV6Q                       | MV6R         | MV6S           | MV6T            | MV6V          | MV6W             | MV6X                   | MV6Y    | MV6Z                       | MV72   |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 437                      | 3 909           | 4 346             | 2 335            | 1 896  | 1 212              | 5 754                      | 15 543       | 1 553          | 2 880           | 4 433         | —                | 1 821                  | 3 305   | 9 559                      | 25 102 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2004 Q1 | 448                      | 4 292           | 4 740             | 2 228            | 2 091  | 1 329              | 6 162                      | 16 550       | 1 466          | 2 992           | 4 458         | —                | 1 828                  | 3 108   | 9 394                      | 25 944 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 551                      | 4 534           | 5 085             | 2 109            | 2 133  | 1 298              | 6 220                      | 16 845       | 1 696          | 2 985           | 4 681         | —                | 1 863                  | 3 144   | 9 688                      | 26 533 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 582                      | 4 675           | 5 257             | 2 125            | 2 169  | 1 269              | 6 390                      | 17 210       | 1 568          | 2 845           | 4 413         | —                | 1 695                  | 2 952   | 9 060                      | 26 270 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 556                      | 4 862           | 5 418             | 2 087            | 2 171  | 1 299              | 6 462                      | 17 437       | 1 562          | 3 046           | 4 608         | —                | 1 805                  | 3 075   | 9 488                      | 26 925 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2005 Q1 | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2006 Q1 | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2007 Q1 | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2008 Q1 | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 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 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2009 Q1 | 734                      | 3 288           | 4 022             | 2 323            | 2 621  | 971                | 7 195                      | 17 132       | 1 813          | 3 295           | 5 108         | —                | 2 053                  | 3 554   | 10 715                     | 27 847 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 763                      | 3 175           | 3 938             | 2 590            | 2 802  | 848                | 6 742                      | 16 920       | 1 802          | 3 282           | 5 084         | —                | 1 938                  | 3 450   | 10 472                     | 27 392 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 874                      | 3 031           | 3 905             | 2 741            | 3 087  | 818                | 6 229                      | 16 780       | 1 983          | 3 501           | 5 484         | —                | 2 497                  | 3 694   | 11 675                     | 28 455 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 956                      | 3 098           | 4 054             | 3 084            | 3 347  | 878                | 5 392                      | 16 755       | 1 819          | 3 205           | 5 024         | —                | 2 143                  | 3 467   | 10 634                     | 27 389 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2010 Q1 | 1 072                    | 3 029           | 4 101             | 3 315            | 3 303  | 823                | 5 443                      | 16 985       | 2 038          | 3 011           | 5 049         | 1 607            | 1 238                  | 1 943   | 9 837                      | 26 822 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 1 230                    | 3 815           | 5 045             | 3 647            | 3 600  | 882                | 5 817                      | 18 991       | 1 941          | 3 524           | 5 464         | 1 791            | 1 200                  | 1 992   | 10 448                     | 29 439 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 1 311                    | 3 996           | 5 307             | 3 448            | 3 786  | 1 025              | 6 453                      | 20 019       | 1 963          | 3 887           | 5 850         | 1 764            | 1 409                  | 2 174   | 11 197                     | 31 216 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 1 279                    | 3 999           | 5 279             | 3 130            | 3 683  | 821                | 5 997                      | 18 910       | 1 930          | 3 983           | 5 912         | 1 679            | 1 227                  | 2 180   | 10 999                     | 29 908 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2011 Q1 | 1 243                    | 3 658           | 4 901             | 3 473            | 3 399  | 795                | 5 421                      | 17 989       | 1 920          | 3 447           | 5 367         | 1 880            | 1 212                  | 2 188   | 10 648                     | 28 636 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 1 307                    | 4 260           | 5 567             | 4 048            | 3 354  | 866                | 5 991                      | 19 825       | 1 750          | 3 692           | 5 443         | 1 867            | 1 145                  | 2 174   | 10 629                     | 30 455 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 1 213                    | 4 273           | 5 486             | 3 890            | 3 472  | 839                | 6 453                      | 20 140       | 1 761          | 3 852           | 5 613         | 2 066            | 1 459                  | 2 325   | 11 464                     | 31 604 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 1 162                    | 4 207           | 5 369             | 3 909            | 3 086  | 865                | 6 407                      | 19 636       | 1 791          | 4 168           | 5 959         | 1 941            | 1 234                  | 2 272   | 11 406                     | 31 042 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2012 Q1 | 1 023                    | 3 978           | 5 000             | 3 466            | 2 716  | 924                | 5 483                      | 17 589       | 1 942          | 3 739           | 5 682         | 1 916            | 1 250                  | 2 342   | 11 189                     | 28 779 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 1 018                    | 4 191           | 5 209             | 3 420            | 2 692  | 950                | 5 793                      | 18 064       | 1 814          | 3 696           | 5 510         | 1 993            | 1 107                  | 2 268   | 10 879                     | 28 943 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 1 011                    | 3 997           | 5 008             | 3 707            | 2 861  | 936                | 5 663                      | 18 174       | 1 938          | 3 808           | 5 746         | 1 885            | 1 395                  | 2 363   | 11 389                     | 29 563 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 997                      | 4 218           | 5 215             | 3 832            | 2 608  | 1 000              | 5 689                      | 18 344       | 1 952          | 3 878           | 5 830         | 1 879            | 1 209                  | 2 290   | 11 208                     | 29 552 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2013 Q1 | 904                      | 3 751           | 4 654             | 3 618            | 2 305  | 924                | 5 335                      | 16 836       | 1 993          | 3 493           | 5 485         | 1 943            | 1 245                  | 2 220   | 10 894                     | 27 730 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q2      | 1 089                    | 4 697           | 5 786             | 3 797            | 2 533  | 883                | 5 645                      | 18 644       | 1 812          | 3 988           | 5 800         | 1 898            | 1 241                  | 2 449   | 11 388                     | 30 032 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q3      | 1 109                    | 4 769           | 5 878             | 3 852            | 2 865  | 882                | 6 384                      | 19 861       | 1 859          | 4 250           | 6 109         | 2 122            | 1 542                  | 2 579   | 12 352                     | 32 213 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| Q4      | 1 242                    | 5 162           | 6 404             | 4 065            | 2 547  | 869                | 6 266                      | 20 151       | 1 881          | 4 438           | 6 320         | 2 123            | 1 322                  | 2 512   | 12 277                     | 32 428 |            |                |      |  |  |                        |  |  |  |            |  |  |  |
| 2014 Q1 | 1 281                    | 5 049           | 6 330             | 3 672            | 2 301  | 946                | 6 058                      | 19 309       |                |                 |               |                  |                        |         |                            |        |            |                |      |  |  |                        |  |  |  |            |  |  |  |

# 4M 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 | Infrastructure | Private industrial | Private commercial | All new work  | Public housing | Private housing | Total housing | Infrastructure | Public      | Private     | MV6X        | MV6Y          | MV6Z                       | MV72 |  |                        |  |  |  |  |            |  |  |  |
|          |                          |                 |                   |                |                    |                    |               |                |                 |               |                |             |             |             |               |                            |      |  |                        |  |  |  |  |            |  |  |  |
| 2012 Jul | MV6L<br>344              | MV6M<br>1 347   | MVM5<br>1 692     | MV6N<br>1 137  | MV6O<br>942        | MV6P<br>330        | MV6Q<br>1 889 | MV6S<br>5 991  | MV6T<br>647     | MV6V<br>1 385 | MV6W<br>2 032  | MV6W<br>660 | MV6X<br>438 | MV6Y<br>801 | MV6Z<br>3 932 | MV72<br>9 922              |      |  |                        |  |  |  |  |            |  |  |  |
| Aug      | 328                      | 1 285           | 1 614             | 1 339          | 1 006              | 296                | 1 944         | 6 199          | 644             | 1 237         | 1 880          | 621         | 516         | 779         | 3 796         | 9 995                      |      |  |                        |  |  |  |  |            |  |  |  |
| Sep      | 338                      | 1 364           | 1 702             | 1 230          | 913                | 310                | 1 830         | 5 985          | 647             | 1 186         | 1 833          | 604         | 442         | 783         | 3 661         | 9 646                      |      |  |                        |  |  |  |  |            |  |  |  |
| Oct      | 338                      | 1 511           | 1 849             | 1 360          | 957                | 339                | 2 051         | 6 556          | 691             | 1 349         | 2 040          | 651         | 423         | 815         | 3 929         | 10 485                     |      |  |                        |  |  |  |  |            |  |  |  |
| Nov      | 339                      | 1 458           | 1 797             | 1 345          | 910                | 338                | 1 976         | 6 366          | 700             | 1 363         | 2 062          | 673         | 431         | 815         | 3 982         | 10 348                     |      |  |                        |  |  |  |  |            |  |  |  |
| Dec      | 320                      | 1 248           | 1 568             | 1 126          | 741                | 323                | 1 662         | 5 422          | 562             | 1 167         | 1 728          | 554         | 354         | 660         | 3 297         | 8 719                      |      |  |                        |  |  |  |  |            |  |  |  |
| 2013 Jan | 258                      | 1 121           | 1 379             | 1 056          | 665                | 289                | 1 679         | 5 067          | 579             | 1 082         | 1 661          | 573         | 365         | 672         | 3 270         | 8 338                      |      |  |                        |  |  |  |  |            |  |  |  |
| Feb      | 301                      | 1 262           | 1 563             | 1 170          | 752                | 326                | 1 731         | 5 541          | 654             | 1 152         | 1 806          | 651         | 403         | 739         | 3 600         | 9 141                      |      |  |                        |  |  |  |  |            |  |  |  |
| Mar      | 345                      | 1 368           | 1 713             | 1 393          | 888                | 309                | 1 924         | 6 227          | 760             | 1 259         | 2 019          | 719         | 477         | 809         | 4 024         | 10 251                     |      |  |                        |  |  |  |  |            |  |  |  |
| Apr      | 332                      | 1 489           | 1 821             | 1 227          | 808                | 296                | 1 832         | 5 985          | 617             | 1 286         | 1 904          | 609         | 409         | 805         | 3 727         | 9 712                      |      |  |                        |  |  |  |  |            |  |  |  |
| May      | 352                      | 1 522           | 1 874             | 1 256          | 875                | 296                | 1 928         | 6 230          | 605             | 1 340         | 1 945          | 653         | 417         | 816         | 3 831         | 10 061                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jun      | 405                      | 1 686           | 2 091             | 1 314          | 849                | 291                | 1 885         | 6 430          | 590             | 1 362         | 1 952          | 636         | 414         | 828         | 3 830         | 10 260                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jul      | 360                      | 1 602           | 1 962             | 1 304          | 943                | 292                | 2 092         | 6 593          | 600             | 1 452         | 2 052          | 710         | 498         | 837         | 4 096         | 10 689                     |      |  |                        |  |  |  |  |            |  |  |  |
| Aug      | 367                      | 1 564           | 1 932             | 1 324          | 967                | 316                | 2 108         | 6 646          | 632             | 1 368         | 2 000          | 716         | 555         | 884         | 4 154         | 10 800                     |      |  |                        |  |  |  |  |            |  |  |  |
| Sep      | 382                      | 1 603           | 1 984             | 1 225          | 955                | 274                | 2 183         | 6 622          | 627             | 1 430         | 2 058          | 696         | 490         | 859         | 4 102         | 10 724                     |      |  |                        |  |  |  |  |            |  |  |  |
| Oct      | 424                      | 1 824           | 2 248             | 1 471          | 908                | 294                | 2 305         | 7 226          | 670             | 1 569         | 2 239          | 757         | 493         | 903         | 4 392         | 11 618                     |      |  |                        |  |  |  |  |            |  |  |  |
| Nov      | 427                      | 1 704           | 2 132             | 1 366          | 869                | 287                | 2 116         | 6 769          | 651             | 1 551         | 2 201          | 702         | 453         | 849         | 4 206         | 10 976                     |      |  |                        |  |  |  |  |            |  |  |  |
| Dec      | 391                      | 1 633           | 2 024             | 1 228          | 770                | 289                | 1 845         | 6 156          | 561             | 1 319         | 1 880          | 664         | 376         | 760         | 3 679         | 9 835                      |      |  |                        |  |  |  |  |            |  |  |  |
| 2014 Jan | 372                      | 1 631           | 2 003             | 1 145          | 703                | 260                | 1 888         | 5 998          | 630             | 1 292         | 1 922          | 670         | 398         | 749         | 3 739         | 9 737                      |      |  |                        |  |  |  |  |            |  |  |  |
| Feb      | 422                      | 1 588           | 2 011             | 1 197          | 728                | 330                | 1 955         | 6 221          | 641             | 1 379         | 2 020          | 691         | 409         | 820         | 3 940         | 10 160                     |      |  |                        |  |  |  |  |            |  |  |  |
| Mar      | 487                      | 1 829           | 2 316             | 1 331          | 870                | 357                | 2 216         | 7 090          | 757             | 1 531         | 2 287          | 789         | 479         | 887         | 4 442         | 11 532                     |      |  |                        |  |  |  |  |            |  |  |  |
| Apr      | 435                      | 1 894           | 2 330             | 1 216          | 848                | 350                | 2 102         | 6 846          | 622             | 1 463         | 2 086          | 696         | 461         | 872         | 4 114         | 10 960                     |      |  |                        |  |  |  |  |            |  |  |  |
| May      | 497                      | 1 940           | 2 436             | 1 257          | 820                | 371                | 2 104         | 6 989          | 612             | 1 464         | 2 076          | 707         | 420         | 867         | 4 070         | 11 059                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jun      | 556                      | 2 130           | 2 686             | 1 227          | 854                | 370                | 2 143         | 7 280          | 637             | 1 495         | 2 132          | 725         | 430         | 930         | 4 216         | 11 496                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jul      | 499                      | 2 145           | 2 644             | 1 307          | 936                | 384                | 2 295         | 7 565          | 658             | 1 600         | 2 258          | 764         | 504         | 931         | 4 457         | 12 022                     |      |  |                        |  |  |  |  |            |  |  |  |
| Aug      | 516                      | 1 980           | 2 495             | 1 253          | 976                | 361                | 2 168         | 7 254          | 644             | 1 525         | 2 170          | 752         | 571         | 913         | 4 405         | 11 659                     |      |  |                        |  |  |  |  |            |  |  |  |
| Sep      | 522                      | 2 124           | 2 646             | 1 327          | 937                | 378                | 2 294         | 7 582          | 668             | 1 565         | 2 234          | 747         | 567         | 962         | 4 511         | 12 093                     |      |  |                        |  |  |  |  |            |  |  |  |
| Oct      | 513                      | 2 261           | 2 774             | 1 411          | 965                | 346                | 2 390         | 7 886          | 668             | 1 662         | 2 329          | 831         | 474         | 916         | 4 550         | 12 436                     |      |  |                        |  |  |  |  |            |  |  |  |
| Nov      | 495                      | 2 136           | 2 631             | 1 393          | 907                | 352                | 2 283         | 7 567          | 675             | 1 573         | 2 248          | 763         | 415         | 942         | 4 367         | 11 934                     |      |  |                        |  |  |  |  |            |  |  |  |
| Dec      | 474                      | 1 961           | 2 435             | 1 262          | 818                | 343                | 2 105         | 6 963          | 572             | 1 418         | 1 990          | 667         | 391         | 851         | 3 899         | 10 863                     |      |  |                        |  |  |  |  |            |  |  |  |
| 2015 Jan | 392                      | 1 807           | 2 199             | 1 298          | 681                | 336                | 1 950         | 6 464          | 605             | 1 256         | 1 861          | 705         | 352         | 782         | 3 700         | 10 164                     |      |  |                        |  |  |  |  |            |  |  |  |
| Feb      | 438                      | 1 861           | 2 299             | 1 382          | 766                | 391                | 2 079         | 6 917          | 657             | 1 295         | 1 952          | 702         | 379         | 857         | 3 890         | 10 807                     |      |  |                        |  |  |  |  |            |  |  |  |
| Mar      | 483                      | 2 181           | 2 664             | 1 750          | 896                | 400                | 2 233         | 7 943          | 820             | 1 577         | 2 397          | 948         | 446         | 941         | 4 731         | 12 674                     |      |  |                        |  |  |  |  |            |  |  |  |
| Apr      | 465                      | 2 261           | 2 726             | 1 622          | 828                | 379                | 2 121         | 7 677          | 618             | 1 497         | 2 116          | 725         | 363         | 880         | 4 084         | 11 760                     |      |  |                        |  |  |  |  |            |  |  |  |
| May      | 425                      | 2 244           | 2 669             | 1 563          | 839                | 375                | 2 151         | 7 597          | 629             | 1 495         | 2 124          | 674         | 342         | 878         | 4 018         | 11 615                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jun      | 468                      | 2 420           | 2 889             | 1 562          | 908                | 397                | 2 354         | 8 110          | 667             | 1 639         | 2 306          | 702         | 355         | 925         | 4 289         | 12 399                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jul      | 389                      | 2 282           | 2 670             | 1 682          | 982                | 445                | 2 391         | 8 170          | 664             | 1 678         | 2 343          | 763         | 428         | 956         | 4 489         | 12 659                     |      |  |                        |  |  |  |  |            |  |  |  |
| Aug      | 351                      | 2 080           | 2 431             | 1 569          | 969                | 416                | 2 283         | 7 669          | 640             | 1 508         | 2 148          | 662         | 472         | 907         | 4 188         | 11 857                     |      |  |                        |  |  |  |  |            |  |  |  |
| Sep      | 378                      | 2 209           | 2 587             | 1 574          | 958                | 431                | 2 309         | 7 860          | 695             | 1 652         | 2 347          | 650         | 486         | 1 015       | 4 498         | 12 358                     |      |  |                        |  |  |  |  |            |  |  |  |
| Oct      | 374                      | 2 407           | 2 781             | 1 648          | 922                | 401                | 2 533         | 8 286          | 670             | 1 735         | 2 405          | 681         | 442         | 1 010       | 4 538         | 12 824                     |      |  |                        |  |  |  |  |            |  |  |  |
| Nov      | 365                      | 2 279           | 2 644             | 1 552          | 933                | 407                | 2 433         | 7 970          | 660             | 1 702         | 2 361          | 676         | 425         | 998         | 4 461         | 12 431                     |      |  |                        |  |  |  |  |            |  |  |  |
| Dec      | 364                      | 2 265           | 2 630             | 1 609          | 849                | 355                | 2 154         | 7 596          | 583             | 1 478         | 2 061          | 608         | 377         | 929         | 3 975         | 11 570                     |      |  |                        |  |  |  |  |            |  |  |  |
| 2016 Jan | 328                      | 1 965           | 2 293             | 1 294          | 749                | 308                | 2 114         | 6 758          | 588             | 1 364         | 1 952          | 559         | 361         | 842         | 3 714         | 10 472                     |      |  |                        |  |  |  |  |            |  |  |  |
| Feb      | 339                      | 2 258           | 2 597             | 1 445          | 815                | 336                | 2 303         | 7 496          | 690             | 1 520         | 2 209          | 629         | 390         | 951         | 4 179         | 11 675                     |      |  |                        |  |  |  |  |            |  |  |  |
| Mar      | 418                      | 2 557           | 2 976             | 1 672          | 914                | 387                | 2 428         | 8 377          | 808             | 1 604         | 2 413          | 707         | 411         | 1 011       | 4 541         | 12 918                     |      |  |                        |  |  |  |  |            |  |  |  |
| Apr      | 356                      | 2 571           | 2 927             | 1 458          | 920                | 397                | 2 349         | 8 050          | 617             | 1 601         | 2 218          | 707         | 389         | 930         | 4 245         | 12 295                     |      |  |                        |  |  |  |  |            |  |  |  |
| May      | 382                      | 2 513           | 2 895             | 1 493          | 948                | 422                | 2 432         | 8 189          | 603             | 1 565         | 2 168          | 703         | 361         | 919         | 4 150         | 12 339                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jun      | 458                      | 2 780           | 3 239             | 1 485          | 940                | 394                | 2 517         | 8 575          | 625             | 1 707         | 2 333          | 701         | 389         | 984         | 4 408         | 12 983                     |      |  |                        |  |  |  |  |            |  |  |  |
| Jul      | 402                      | 2 587           | 2 989             | 1 570          | 1 029              | 385                | 2 533         | 8 506          | 598             | 1 724         | 2 323          | 672         | 428         | 962         | 4 385         | 12 891                     |      |  |                        |  |  |  |  |            |  |  |  |
| Aug      | 396                      | 2 549           | 2 946             | 1 563          | 1 078              | 381                | 2 632         | 8 599          |                 |               |                |             |             |             |               |                            |      |  |                        |  |  |  |  |            |  |  |  |

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

£ million

|                                 | 2014<br>Q1  | 2014<br>Q2 | 2014<br>Q3 | 2014<br>Q4 | 2015<br>Q1 | 2015<br>Q2 | 2015<br>Q3 | 2015<br>Q4 | 2016<br>Q1 | 2016<br>Q2 | 2016<br>Q3 | 2016<br>Q4 | 2017<br>Q1 | 2017<br>Q2 | 2017<br>Q3 | 2017<br>Q4 | 2018<br>Q1 |        |        |
|---------------------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------|--------|
| <b>PUBLIC HOUSING</b>           | <b>MV6L</b> | 1 281      | 1 488      | 1 537      | 1 482      | 1 313      | 1 359      | 1 117      | 1 103      | 1 086      | 1 197      | 1 219      | 1 340      | 1 382      | 1 550      | 1 565      | 1 575      | 1 384  |        |
| <b>PRIVATE HOUSING</b>          | <b>MV6M</b> | 5 049      | 5 963      | 6 249      | 6 358      | 5 850      | 6 925      | 6 571      | 6 952      | 6 781      | 7 864      | 7 787      | 8 130      | 7 763      | 8 677      | 8 731      | 9 457      | 8 653  |        |
| <b>INFRASTRUCTURE</b>           |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |        |        |
| Water                           | <b>MV73</b> | 217        | 222        | 128        | 124        | 134        | 161        | 179        | 178        | 161        | 150        | 195        | 255        | 288        | 326        | 353        | 347        | 309    |        |
| Sewerage                        | <b>MV74</b> | 98         | 103        | 80         | 85         | 94         | 111        | 117        | 126        | 147        | 155        | 177        | 172        | 216        | 248        | 262        | 264        | 251    |        |
| Electricity                     | <b>MV75</b> | 1 176      | 1 042      | 1 168      | 1 443      | 1 859      | 2 038      | 2 124      | 2 093      | 1 903      | 1 866      | 2 030      | 2 184      | 2 176      | 2 285      | 2 319      | 2 123      | 1 872  |        |
| Roads                           | <b>MV76</b> | 585        | 627        | 747        | 803        | 875        | 1 006      | 1 050      | 1 105      | 1 059      | 1 106      | 1 181      | 1 172      | 1 069      | 1 017      | 1 041      | 1 094      | 1 170  |        |
| Railways                        | <b>MV77</b> | 1 008      | 1 016      | 1 091      | 951        | 815        | 764        | 718        | 702        | 632        | 687        | 689        | 647        | 584        | 643        | 747        | 905        | 959    |        |
| Harbours                        | <b>MV78</b> | 166        | 204        | 262        | 265        | 251        | 260        | 239        | 225        | 193        | 189        | 189        | 175        | 153        | 159        | 169        | 184        | 204    |        |
| Other <sup>1</sup>              | <b>MV79</b> | 423        | 485        | 411        | 396        | 402        | 410        | 397        | 380        | 314        | 282        | 264        | 226        | 192        | 187        | 181        | 195        | 155    |        |
| <b>TOTAL</b>                    | <b>MV6N</b> | 3 672      | 3 700      | 3 887      | 4 066      | 4 430      | 4 748      | 4 825      | 4 809      | 4 411      | 4 436      | 4 725      | 4 831      | 4 678      | 4 865      | 5 073      | 5 112      | 4 920  |        |
| of which                        |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |        |        |
| public                          | <b>MV7A</b> | 1 390      | 1 417      | 1 498      | 1 504      | 1 581      | 1 703      | 1 722      | 1 753      | 1 597      | 1 673      | 1 749      | 1 750      | 1 637      | 1 726      | 1 868      | 2 088      | 2 168  |        |
| private                         | <b>MV7B</b> | 2 283      | 2 282      | 2 389      | 2 562      | 2 848      | 3 044      | 3 103      | 3 056      | 2 814      | 2 763      | 2 976      | 3 081      | 3 041      | 3 139      | 3 204      | 3 024      | 2 752  |        |
| <b>OTHER PUBLIC NON-HOUSING</b> |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |        |        |
| Factories                       | <b>MV7C</b> | 28         | 24         | 35         | 34         | 27         | 23         | 20         | 19         | 19         | 23         | 28         | 32         | 35         | 36         | 34         | 30         | 31     |        |
| Warehouses                      | <b>MV7D</b> | 7          | 8          | 12         | 9          | 4          | 3          | 3          | 5          | 4          | 4          | 3          | 4          | 6          | 7          | 6          | 3          | 2      |        |
| Oil, Steel, Coal                | <b>MV7E</b> | 7          | 7          | 7          | 5          | 4          | 2          | 3          | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1      |        |
| Schools & Colleges              | <b>MV7F</b> | 1 030      | 1 149      | 990        | 1 048      | 937        | 1 085      | 1 229      | 1 145      | 1 027      | 1 148      | 1 247      | 1 128      | 1 093      | 1 086      | 1 094      | 975        | 823    |        |
| Universities                    | <b>MV7G</b> | 256        | 308        | 452        | 437        | 427        | 470        | 506        | 424        | 356        | 368        | 384        | 345        | 330        | 353        | 394        | 368        | 324    |        |
| Health                          | <b>MV7H</b> | 376        | 415        | 545        | 428        | 297        | 314        | 397        | 429        | 451        | 570        | 671        | 608        | 551        | 508        | 524        | 469        | 385    |        |
| Offices                         | <b>MV7I</b> | 163        | 154        | 175        | 100        | 92         | 108        | 127        | 122        | 121        | 146        | 175        | 178        | 178        | 207        | 244        | 227        | 179    |        |
| Entertainment                   | <b>MV7J</b> | 139        | 168        | 210        | 205        | 198        | 207        | 231        | 218        | 204        | 227        | 222        | 171        | 141        | 167        | 206        | 218        | 219    |        |
| Garages, Shops                  | <b>MV7Z</b> | 47         | 35         | 49         | 48         | 42         | 54         | 66         | 61         | 51         | 51         | 52         | 63         | 79         | 109        | 137        | 133        | 140    |        |
| Agriculture, Miscellaneous      | <b>MV82</b> | 248        | 253        | 373        | 377        | 314        | 309        | 327        | 277        | 243        | 268        | 313        | 315        | 314        | 330        | 361        | 353        | 305    |        |
| <b>TOTAL</b>                    | <b>MV6O</b> | 2 301      | 2 523      | 2 849      | 2 691      | 2 342      | 2 575      | 2 909      | 2 703      | 2 478      | 2 808      | 3 095      | 2 845      | 2 727      | 2 804      | 2 999      | 2 776      | 2 409  |        |
| <b>PRIVATE INDUSTRIAL</b>       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |        |        |
| Factories                       | <b>MV83</b> | 536        | 591        | 608        | 574        | 643        | 671        | 748        | 643        | 552        | 632        | 650        | 643        | 574        | 639        | 750        | 689        | 674    |        |
| Warehouses                      | <b>MV84</b> | 356        | 464        | 490        | 455        | 472        | 467        | 521        | 495        | 459        | 563        | 514        | 525        | 487        | 542        | 600        | 570        | 586    |        |
| Oil, Steel, Coal                | <b>MV85</b> | 54         | 35         | 24         | 12         | 12         | 13         | 23         | 25         | 20         | 17         | 13         | 13         | 10         | 9          | 8          | 8          | 10     |        |
| <b>TOTAL</b>                    | <b>MV6P</b> | 946        | 1 091      | 1 123      | 1 042      | 1 127      | 1 151      | 1 293      | 1 163      | 1 031      | 1 212      | 1 176      | 1 181      | 1 072      | 1 190      | 1 358      | 1 266      | 1 269  |        |
| <b>PRIVATE COMMERCIAL</b>       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |        |        |
| Schools, Universities           | <b>MV86</b> | 771        | 992        | 1 042      | 1 138      | 1 097      | 1 141      | 1 142      | 1 126      | 1 101      | 1 206      | 1 335      | 1 381      | 1 406      | 1 446      | 1 447      | 1 322      | 1 208  |        |
| Health                          | <b>MV87</b> | 293        | 327        | 331        | 299        | 239        | 254        | 271        | 287        | 295        | 314        | 327        | 291        | 256        | 236        | 224        | 207        | 222    |        |
| Offices                         | <b>MV88</b> | 1 643      | 1 896      | 2 034      | 1 910      | 1 868      | 2 066      | 2 263      | 2 364      | 2 347      | 2 601      | 2 861      | 2 809      | 2 811      | 2 958      | 3 072      | 2 945      | 2 785  |        |
| Entertainment                   | <b>MV89</b> | 1 074      | 1 268      | 1 372      | 1 467      | 1 271      | 1 319      | 1 365      | 1 391      | 1 336      | 1 461      | 1 606      | 1 646      | 1 713      | 1 822      | 2 000      | 2 018      | 2 000  |        |
| Garages                         | <b>MV8A</b> | 148        | 76         | 71         | 66         | 59         | 66         | 81         | 93         | 91         | 93         | 98         | 110        | 131        | 156        | 158        | 136        | 122    |        |
| Shops                           | <b>MV8B</b> | 1 415      | 1 193      | 1 382      | 1 575      | 1 438      | 1 454      | 1 473      | 1 433      | 1 277      | 1 260      | 1 299      | 1 297      | 1 288      | 1 307      | 1 316      | 1 183      | 1 111  |        |
| Agriculture, Miscellaneous      | <b>MV8C</b> | 713        | 598        | 525        | 323        | 289        | 327        | 388        | 427        | 397        | 362        | 323        | 292        | 281        | 308        | 321        | 303        | 268    |        |
| <b>TOTAL</b>                    | <b>MV6Q</b> | 6 058      | 6 350      | 6 757      | 6 778      | 6 262      | 6 625      | 6 984      | 7 120      | 6 845      | 7 297      | 7 848      | 7 826      | 7 885      | 8 232      | 8 538      | 8 113      | 7 716  |        |
| <b>TOTAL NEW WORK</b>           | <b>MV6R</b> | 19 309     | 21 115     | 22 401     | 22 416     | 21 324     | 23 384     | 23 698     | 23 851     | 22 630     | 24 814     | 25 851     | 26 126     | 15 325     | 50 506     | 27 318     | 28 263     | 28 300 | 26 351 |

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

£ million

|                                 |      | 2016<br>Q2 | 2016<br>Q3 | 2016<br>Q4 | 2017<br>Q1 | 2017<br>Q2 | 2017<br>Q3 | 2017<br>Q4 | 2018<br>Q1 |
|---------------------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>NORTH EAST</b>               |      |            |            |            |            |            |            |            |            |
| New Housing                     |      |            |            |            |            |            |            |            |            |
| Housing                         | MV8D | 35         | 32         | 29         | 26         | 37         | 39         | 44         | 45         |
| Private                         | MV8E | 311        | 315        | 332        | 320        | 357        | 346        | 366        | 327        |
| Total Housing                   | N3QP | 346        | 348        | 361        | 346        | 393        | 385        | 410        | 372        |
| Infrastructure                  | MV8F | 222        | 267        | 334        | 392        | 385        | 323        | 258        | 212        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Excluding Infrastructure        |      |            |            |            |            |            |            |            |            |
| Public                          | MV8G | 108        | 125        | 108        | 91         | 77         | 73         | 76         | 73         |
| Private Industrial              | MV8H | 44         | 42         | 36         | 38         | 47         | 56         | 49         | 42         |
| Private Commercial              | MV8I | 168        | 165        | 193        | 212        | 240        | 244        | 236        | 223        |
| All New Work                    | MV8J | 888        | 947        | 1 032      | 1 079      | 1 143      | 1 081      | 1 029      | 922        |
| Repair and Maintenance          |      |            |            |            |            |            |            |            |            |
| Housing                         | MV8K | 154        | 173        | 191        | 181        | 201        | 207        | 194        | 169        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Public                          | MV8L | 35         | 45         | 38         | 30         | 43         | 54         | 34         | 28         |
| Private                         | MV8M | 80         | 90         | 80         | 88         | 110        | 114        | 111        | 96         |
| Infrastructure                  | MV8N | 55         | 55         | 59         | 56         | 48         | 47         | 46         | 41         |
| All Repair and Maintenance      | MV8O | 324        | 363        | 368        | 355        | 402        | 422        | 385        | 334        |
| All Work                        | MV8P | 1 212      | 1 310      | 1 400      | 1 434      | 1 545      | 1 503      | 1 414      | 1 256      |
| <b>YORKSHIRE AND THE HUMBER</b> |      |            |            |            |            |            |            |            |            |
| New Housing                     |      |            |            |            |            |            |            |            |            |
| Public                          | MV8Q | 91         | 83         | 93         | 84         | 99         | 101        | 101        | 88         |
| Private                         | MV8R | 593        | 579        | 619        | 583        | 653        | 641        | 678        | 636        |
| Total Housing                   | N3QQ | 684        | 661        | 711        | 667        | 752        | 742        | 779        | 723        |
| Infrastructure                  | MV8S | 301        | 365        | 374        | 355        | 359        | 376        | 341        | 301        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Excluding Infrastructure        |      |            |            |            |            |            |            |            |            |
| Public                          | MV8T | 197        | 208        | 179        | 159        | 173        | 200        | 192        | 147        |
| Private Industrial              | MV8U | 192        | 146        | 123        | 85         | 72         | 85         | 82         | 98         |
| Private Commercial              | MV8V | 403        | 465        | 505        | 542        | 570        | 562        | 484        | 429        |
| All New Work                    | MV8W | 1 778      | 1 845      | 1 892      | 1 808      | 1 927      | 1 965      | 1 878      | 1 698      |
| Repair and Maintenance          |      |            |            |            |            |            |            |            |            |
| Housing                         | MV8X | 529        | 574        | 582        | 491        | 455        | 428        | 426        | 401        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Public                          | MV8Y | 57         | 73         | 54         | 64         | 63         | 88         | 65         | 68         |
| Private                         | MV8Z | 219        | 242        | 229        | 245        | 253        | 261        | 283        | 284        |
| Infrastructure                  | MV92 | 291        | 328        | 364        | 373        | 371        | 392        | 390        | 409        |
| All Repair and Maintenance      | MV93 | 1 096      | 1 217      | 1 229      | 1 173      | 1 142      | 1 169      | 1 164      | 1 162      |
| All Work                        | MV94 | 2 874      | 3 062      | 3 121      | 2 981      | 3 069      | 3 134      | 3 042      | 2 860      |
| <b>EAST MIDLANDS</b>            |      |            |            |            |            |            |            |            |            |
| New Housing                     |      |            |            |            |            |            |            |            |            |
| Public                          | MV95 | 45         | 43         | 48         | 51         | 63         | 64         | 63         | 51         |
| Private                         | MV96 | 578        | 549        | 543        | 495        | 535        | 524        | 550        | 483        |
| Total Housing                   | N3QR | 623        | 591        | 591        | 546        | 598        | 587        | 613        | 534        |
| Infrastructure                  | MV97 | 366        | 410        | 423        | 375        | 340        | 387        | 410        | 416        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Excluding Infrastructure        |      |            |            |            |            |            |            |            |            |
| Public                          | MV98 | 182        | 203        | 179        | 158        | 147        | 132        | 104        | 80         |
| Private Industrial              | MV99 | 148        | 164        | 168        | 160        | 198        | 230        | 208        | 233        |
| Private Commercial              | MV9A | 363        | 416        | 416        | 397        | 385        | 386        | 329        | 301        |
| All New Work                    | MV9B | 1 682      | 1 784      | 1 777      | 1 636      | 1 668      | 1 721      | 1 665      | 1 563      |
| Repair and Maintenance          |      |            |            |            |            |            |            |            |            |
| Housing                         | MV9C | 275        | 306        | 301        | 319        | 368        | 426        | 434        | 410        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Public                          | MV9D | 69         | 73         | 61         | 68         | 73         | 117        | 112        | 98         |
| Private                         | MV9E | 187        | 208        | 212        | 198        | 176        | 194        | 202        | 197        |
| Infrastructure                  | MV9F | 118        | 102        | 95         | 89         | 96         | 118        | 122        | 153        |
| All Repair and Maintenance      | MV9G | 649        | 689        | 669        | 674        | 713        | 855        | 870        | 858        |
| All Work                        | MV9H | 2 331      | 2 473      | 2 446      | 2 310      | 2 381      | 2 576      | 2 535      | 2 421      |
| <b>EAST OF ENGLAND</b>          |      |            |            |            |            |            |            |            |            |
| New Housing                     |      |            |            |            |            |            |            |            |            |
| Public                          | MV9I | 68         | 78         | 91         | 102        | 125        | 129        | 138        | 117        |
| Private                         | MV9J | 606        | 605        | 632        | 610        | 694        | 712        | 787        | 715        |
| Total Housing                   | N3QS | 674        | 683        | 723        | 712        | 819        | 841        | 925        | 832        |
| Infrastructure                  | MV9K | 369        | 366        | 337        | 404        | 493        | 605        | 656        | 619        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Excluding Infrastructure        |      |            |            |            |            |            |            |            |            |
| Public                          | MV9L | 240        | 243        | 198        | 179        | 207        | 232        | 231        | 203        |
| Private Industrial              | MV9M | 85         | 119        | 154        | 138        | 130        | 127        | 145        | 122        |
| Private Commercial              | MV9N | 600        | 717        | 777        | 801        | 805        | 794        | 717        | 654        |
| All New Work                    | MV9O | 1 968      | 2 127      | 2 190      | 2 235      | 2 455      | 2 598      | 2 672      | 2 429      |
| Repair and Maintenance          |      |            |            |            |            |            |            |            |            |
| Housing                         | MV9P | 996        | 976        | 983        | 927        | 989        | 1 051      | 1 037      | 951        |
| Other New Work                  |      |            |            |            |            |            |            |            |            |
| Public                          | MV9Q | 133        | 169        | 145        | 136        | 134        | 141        | 106        | 118        |
| Private                         | MV9R | 301        | 322        | 333        | 323        | 302        | 323        | 303        | 288        |
| Infrastructure                  | MV9S | 278        | 235        | 225        | 239        | 240        | 263        | 259        | 232        |
| All Repair and Maintenance      | MV9T | 1 708      | 1 702      | 1 686      | 1 625      | 1 665      | 1 778      | 1 705      | 1 589      |
| All Work                        | MV9U | 3 676      | 3 829      | 3 876      | 3 860      | 4 120      | 4 376      | 4 377      | 4 018      |

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

continued

£ million

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

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

continued

£ million

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

# 3MOMSA

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

%

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

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

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

%

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

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

# 9.A.A BY SECTOR

## CONSTRUCTION OUTPUT: IMPLIED PRICE DEFULATOR NON-SEASONALLY ADJUSTED INDEX NUMBER

Index 2016 = 100

|      | Repair and Maintenance |         |                 |         |                   |                 |                          |             |                        |             |                 |              | All<br>Repair<br>and<br>Maintenance | All<br>Work |         |         |       |         |       |         |
|------|------------------------|---------|-----------------|---------|-------------------|-----------------|--------------------------|-------------|------------------------|-------------|-----------------|--------------|-------------------------------------|-------------|---------|---------|-------|---------|-------|---------|
|      | New Housing            |         |                 |         | Other New Work    |                 |                          |             | Repair and Maintenance |             |                 |              |                                     |             |         |         |       |         |       |         |
|      | Public housing         |         | Private housing |         | Total new housing | Infrastruc-ture | Excluding Infrastructure |             | Housing                |             | Non housing R&M |              |                                     |             |         |         |       |         |       |         |
|      | Public                 | housing | Private         | housing |                   |                 | Private                  | industri-al | Private                | commerci-al | All             | new work     | Public                              | housing     | Private | housing | Total | housing | Non   | housing |
| MVK3 | MVK4                   | MVM6    | MVK5            | MVK6    | MVK7              | MVK8            | MVK9                     | MVKB        | MVL2                   | MVL3        | MVL4            | All new work | 54.3                                | 56.1        | 37.1    | 43.1    | 56.6  | 48.7    | 51.9  |         |
| 1997 | 54.6                   | 46.9    | 47.7            | 62.6    | 55.3              | 57.0            | 53.1                     | 54.3        | 56.1                   | 37.1        | 43.1            | 56.6         | 48.7                                | 51.9        | 48.7    | 51.9    | 56.6  | 48.7    | 51.9  |         |
| 1998 | 57.9                   | 50.1    | 50.8            | 62.4    | 57.4              | 60.4            | 57.2                     | 57.2        | 58.7                   | 38.4        | 44.5            | 58.9         | 50.5                                | 54.4        | 50.5    | 54.4    | 58.9  | 50.5    | 54.4  |         |
| 1999 | 62.2                   | 55.0    | 55.7            | 63.1    | 59.3              | 59.9            | 61.1                     | 60.4        | 60.3                   | 39.3        | 45.4            | 60.2         | 51.7                                | 56.8        | 51.7    | 56.8    | 60.2  | 51.7    | 56.8  |         |
| 2000 | 64.7                   | 57.8    | 58.6            | 70.4    | 62.0              | 63.1            | 63.8                     | 63.7        | 63.1                   | 41.0        | 47.2            | 62.9         | 54.1                                | 59.7        | 54.1    | 59.7    | 62.9  | 54.1    | 59.7  |         |
| 2001 | 69.1                   | 63.0    | 63.7            | 73.0    | 67.7              | 61.7            | 69.1                     | 68.0        | 67.5                   | 41.7        | 48.5            | 65.2         | 56.0                                | 62.9        | 56.0    | 62.9    | 65.2  | 56.0    | 62.9  |         |
| 2002 | 73.4                   | 68.8    | 69.3            | 73.5    | 69.5              | 71.5            | 74.4                     | 72.7        | 68.5                   | 44.5        | 50.3            | 67.9         | 58.3                                | 66.6        | 58.3    | 66.6    | 67.9  | 58.3    | 66.6  |         |
| 2003 | 77.9                   | 72.2    | 72.8            | 72.5    | 73.0              | 74.5            | 79.5                     | 75.6        | 70.4                   | 49.5        | 55.1            | 74.9         | 64.2                                | 70.9        | 64.2    | 70.9    | 74.9  | 64.2    | 70.9  |         |
| 2004 | 83.7                   | 74.8    | 75.7            | 73.1    | 76.8              | 78.8            | 80.0                     | 77.6        | 70.9                   | 54.4        | 59.2            | 78.8         | 68.0                                | 73.9        | 68.0    | 73.9    | 78.8  | 68.0    | 73.9  |         |
| 2005 | 90.5                   | 79.2    | 80.3            | 76.0    | 82.5              | 86.4            | 86.2                     | 82.8        | 73.8                   | 61.2        | 65.1            | 82.8         | 73.4                                | 79.1        | 73.4    | 79.1    | 82.8  | 73.4    | 79.1  |         |
| 2006 | 96.9                   | 82.6    | 84.1            | 81.5    | 86.0              | 89.2            | 90.4                     | 87.1        | 78.8                   | 66.6        | 70.4            | 84.6         | 77.2                                | 83.4        | 77.2    | 83.4    | 84.6  | 77.2    | 83.4  |         |
| 2007 | 102.1                  | 85.1    | 87.1            | 87.0    | 90.5              | 93.0            | 93.5                     | 90.9        | 83.7                   | 73.0        | 76.2            | 88.4         | 82.2                                | 87.7        | 82.2    | 87.7    | 88.4  | 82.2    | 87.7  |         |
| 2008 | 107.0                  | 89.7    | 92.0            | 87.9    | 97.2              | 99.5            | 94.4                     | 94.2        | 88.1                   | 78.6        | 81.5            | 91.1         | 86.2                                | 91.1        | 86.2    | 91.1    | 91.1  | 86.2    | 91.1  |         |
| 2009 | 105.7                  | 90.7    | 93.3            | 84.8    | 95.4              | 93.4            | 91.6                     | 92.2        | 90.0                   | 81.3        | 84.1            | 92.8         | 88.3                                | 90.6        | 88.3    | 90.6    | 92.8  | 88.3    | 90.6  |         |
| 2010 | 100.8                  | 90.9    | 92.8            | 84.6    | 87.7              | 85.1            | 86.2                     | 88.2        | 89.4                   | 82.4        | 84.6            | 93.0         | 88.5                                | 88.3        | 88.5    | 88.3    | 93.0  | 88.5    | 88.3  |         |
| 2011 | 99.2                   | 92.1    | 93.4            | 88.3    | 87.9              | 89.1            | 86.1                     | 89.3        | 89.2                   | 86.0        | 87.0            | 93.8         | 90.2                                | 89.6        | 90.2    | 89.6    | 93.8  | 90.2    | 89.6  |         |
| 2012 | 97.5                   | 94.3    | 94.7            | 93.0    | 90.9              | 92.1            | 89.1                     | 92.1        | 92.4                   | 90.3        | 90.9            | 94.8         | 92.7                                | 92.3        | 92.7    | 92.3    | 94.8  | 92.7    | 92.3  |         |
| 2013 | 98.1                   | 96.7    | 96.8            | 96.7    | 94.7              | 94.7            | 93.0                     | 95.4        | 95.1                   | 94.4        | 94.5            | 96.4         | 95.3                                | 95.3        | 95.3    | 95.3    | 96.4  | 95.3    | 95.3  |         |
| 2014 | 99.0                   | 99.1    | 98.9            | 98.7    | 96.4              | 96.4            | 96.1                     | 97.6        | 95.7                   | 96.0        | 95.9            | 98.1         | 96.9                                | 97.3        | 96.9    | 97.3    | 98.1  | 96.9    | 97.3  |         |
| 2015 | 98.9                   | 98.9    | 98.8            | 98.8    | 97.3              | 97.3            | 97.4                     | 98.2        | 96.7                   | 97.4        | 97.1            | 99.2         | 98.1                                | 98.1        | 98.1    | 98.1    | 99.2  | 98.1    | 98.1  |         |
| 2016 | 100.0                  | 100.0   | 100.0           | 100.0   | 100.0             | 100.0           | 100.0                    | 100.0       | 100.0                  | 100.0       | 100.0           | 100.0        | 100.0                               | 100.0       | 100.0   | 100.0   | 100.0 | 100.0   | 100.0 |         |
| 2017 | 103.0                  | 103.0   | 103.0           | 101.7   | 103.0             | 103.4           | 102.2                    | 102.5       | 102.8                  | 101.6       | 102.0           | 100.6        | 101.3                               | 102.1       | 101.3   | 102.1   | 100.6 | 101.3   | 102.1 |         |

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.

# 9A.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 |  |  |  |  |  |
|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|------|--|------------------------|--|--|--|--|----------------------------|----------|--|--|--|--|--|
|         | New Housing          |                      |                      |                      | Other New Work       |                      |                          |                      |                      | Repair and Maintenance |                      |                      |                      |                      |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
|         | Public housing       |                      | Private housing      |                      | Total new housing    | Infrastructure       | Excluding Infrastructure |                      |                      | Housing                |                      | Non housing R&M      |                      |                      |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
|         | 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      |                      |                      |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2003 Q3 | MVK3<br>78.7<br>79.9 | MVK4<br>72.8<br>73.2 | MVM6<br>73.4<br>73.9 | MVK5<br>72.9<br>72.9 | MVK6<br>73.5<br>74.2 | MVK7<br>75.5<br>75.5 | MVK8<br>80.1<br>80.8     | MVK9<br>76.2<br>76.7 | MVKB<br>69.9<br>69.9 | MVL2<br>49.6<br>52.2   | MVL3<br>55.2<br>56.9 | MVL4<br>76.6<br>76.4 | MVL5<br>65.0<br>65.8 | MVL6<br>71.5<br>72.3 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      |                      |                      |                      |                      |                      |                      |                          |                      |                      |                        |                      |                      |                      |                      |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2004 Q1 | 81.6                 | 73.7                 | 74.5                 | 72.9                 | 75.1                 | 75.5                 | 79.9                     | 76.7                 | 70.0                 | 52.4                   | 57.6                 | 77.3                 | 66.4                 | 72.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 82.9                 | 74.2                 | 75.2                 | 72.9                 | 76.0                 | 76.8                 | 79.3                     | 76.9                 | 70.3                 | 53.1                   | 58.1                 | 78.0                 | 67.0                 | 73.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 84.6                 | 75.3                 | 76.2                 | 73.1                 | 77.4                 | 80.1                 | 79.9                     | 77.9                 | 71.5                 | 54.8                   | 59.5                 | 79.9                 | 68.6                 | 74.3                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 86.0                 | 76.0                 | 77.0                 | 73.4                 | 78.8                 | 83.2                 | 81.0                     | 79.0                 | 71.9                 | 57.6                   | 61.8                 | 79.8                 | 70.0                 | 75.5                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2005 Q1 | 87.7                 | 77.1                 | 78.2                 | 74.1                 | 80.3                 | 84.8                 | 82.9                     | 80.4                 | 72.9                 | 58.8                   | 63.4                 | 80.9                 | 71.5                 | 76.8                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 89.6                 | 78.6                 | 79.7                 | 75.2                 | 81.9                 | 86.3                 | 85.5                     | 82.2                 | 73.9                 | 61.0                   | 65.0                 | 83.3                 | 73.5                 | 78.8                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 91.6                 | 80.1                 | 81.2                 | 76.7                 | 83.5                 | 87.2                 | 87.3                     | 83.7                 | 74.2                 | 61.8                   | 65.4                 | 83.4                 | 73.9                 | 79.9                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 93.4                 | 80.9                 | 82.2                 | 78.1                 | 84.7                 | 87.4                 | 89.1                     | 85.1                 | 74.3                 | 63.6                   | 66.7                 | 83.7                 | 74.7                 | 81.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2006 Q1 | 95.1                 | 82.5                 | 83.9                 | 79.4                 | 85.3                 | 87.7                 | 89.9                     | 86.3                 | 77.0                 | 64.4                   | 68.3                 | 84.2                 | 75.8                 | 82.3                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 96.5                 | 82.5                 | 84.0                 | 80.9                 | 85.8                 | 88.9                 | 90.5                     | 86.9                 | 79.4                 | 65.9                   | 69.9                 | 84.4                 | 76.8                 | 83.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 97.6                 | 82.5                 | 84.1                 | 82.3                 | 86.3                 | 90.0                 | 90.6                     | 87.4                 | 79.7                 | 67.1                   | 71.2                 | 84.7                 | 77.7                 | 83.8                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 98.5                 | 82.9                 | 84.6                 | 83.6                 | 86.9                 | 90.5                 | 90.8                     | 88.0                 | 79.0                 | 69.0                   | 72.1                 | 84.9                 | 78.4                 | 84.4                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2007 Q1 | 100.1                | 84.1                 | 86.0                 | 85.3                 | 87.8                 | 91.0                 | 91.5                     | 89.0                 | 80.3                 | 70.5                   | 73.7                 | 85.0                 | 79.2                 | 85.4                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 101.5                | 84.8                 | 86.8                 | 86.7                 | 89.3                 | 92.1                 | 92.4                     | 90.1                 | 84.0                 | 71.5                   | 75.2                 | 88.7                 | 81.7                 | 87.0                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 102.8                | 85.4                 | 87.5                 | 87.6                 | 91.2                 | 93.6                 | 94.9                     | 91.7                 | 85.3                 | 73.3                   | 76.9                 | 89.8                 | 83.3                 | 88.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 104.3                | 86.4                 | 88.5                 | 88.4                 | 93.4                 | 95.6                 | 95.2                     | 92.8                 | 85.4                 | 76.6                   | 79.2                 | 90.0                 | 84.5                 | 89.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2008 Q1 | 105.6                | 87.9                 | 90.1                 | 88.4                 | 95.2                 | 97.6                 | 94.8                     | 93.6                 | 85.3                 | 76.8                   | 79.5                 | 90.2                 | 84.8                 | 90.3                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 106.9                | 89.4                 | 91.6                 | 88.3                 | 96.9                 | 99.6                 | 94.9                     | 94.3                 | 88.2                 | 78.3                   | 81.4                 | 91.1                 | 86.1                 | 91.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 107.4                | 90.6                 | 92.9                 | 87.5                 | 97.8                 | 100.5                | 94.1                     | 94.5                 | 88.8                 | 79.5                   | 82.4                 | 91.4                 | 86.9                 | 91.5                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 108.3                | 91.7                 | 94.0                 | 87.3                 | 98.6                 | 101.0                | 93.9                     | 94.9                 | 89.7                 | 79.8                   | 82.7                 | 91.8                 | 87.0                 | 91.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2009 Q1 | 107.5                | 91.7                 | 94.1                 | 86.0                 | 98.2                 | 99.0                 | 92.9                     | 94.1                 | 92.1                 | 81.8                   | 85.1                 | 91.6                 | 88.3                 | 91.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 106.6                | 90.4                 | 93.0                 | 85.0                 | 96.9                 | 95.5                 | 91.8                     | 92.6                 | 89.3                 | 81.1                   | 83.7                 | 91.9                 | 87.7                 | 90.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 105.6                | 90.4                 | 93.2                 | 84.6                 | 95.0                 | 91.6                 | 91.7                     | 92.0                 | 88.7                 | 81.3                   | 83.8                 | 93.8                 | 88.7                 | 90.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 103.9                | 90.3                 | 93.0                 | 84.1                 | 92.5                 | 87.7                 | 89.5                     | 90.2                 | 89.8                 | 81.0                   | 83.9                 | 93.8                 | 88.7                 | 89.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2010 Q1 | 102.4                | 90.6                 | 93.2                 | 84.0                 | 89.8                 | 85.3                 | 87.7                     | 88.9                 | 89.4                 | 82.1                   | 84.7                 | 93.6                 | 88.9                 | 88.9                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 101.2                | 91.0                 | 93.0                 | 84.2                 | 88.0                 | 84.4                 | 86.4                     | 88.2                 | 89.1                 | 82.4                   | 84.6                 | 92.4                 | 88.2                 | 88.2                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 100.2                | 90.9                 | 92.8                 | 84.7                 | 86.9                 | 84.9                 | 85.6                     | 87.9                 | 89.2                 | 82.4                   | 84.5                 | 92.6                 | 88.3                 | 88.0                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 99.7                 | 90.9                 | 92.6                 | 85.5                 | 86.6                 | 85.9                 | 85.5                     | 88.0                 | 89.4                 | 82.8                   | 84.8                 | 93.1                 | 88.6                 | 88.2                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2011 Q1 | 99.5                 | 91.1                 | 92.8                 | 86.7                 | 86.9                 | 86.5                 | 85.7                     | 88.3                 | 88.4                 | 84.6                   | 85.8                 | 93.4                 | 89.4                 | 88.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 99.4                 | 91.6                 | 93.1                 | 87.7                 | 87.5                 | 87.9                 | 86.2                     | 88.9                 | 88.7                 | 85.6                   | 86.5                 | 93.5                 | 89.8                 | 89.2                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 99.2                 | 92.3                 | 93.5                 | 88.7                 | 88.3                 | 90.2                 | 86.1                     | 89.5                 | 89.1                 | 86.5                   | 87.3                 | 94.0                 | 90.5                 | 89.9                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 98.9                 | 93.2                 | 94.2                 | 90.2                 | 89.1                 | 91.9                 | 86.6                     | 90.3                 | 90.6                 | 87.4                   | 88.3                 | 94.2                 | 91.1                 | 90.6                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2012 Q1 | 98.4                 | 93.9                 | 94.6                 | 91.6                 | 89.9                 | 92.5                 | 87.9                     | 91.3                 | 91.6                 | 89.3                   | 90.0                 | 95.2                 | 92.4                 | 91.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 97.8                 | 94.0                 | 94.6                 | 92.6                 | 90.6                 | 92.1                 | 88.8                     | 91.9                 | 92.4                 | 89.4                   | 90.3                 | 95.0                 | 92.5                 | 92.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 97.2                 | 94.4                 | 94.8                 | 93.4                 | 91.3                 | 91.7                 | 89.8                     | 91.7                 | 92.5                 | 92.5                   | 90.9                 | 91.3                 | 94.3                 | 92.7                 | 92.6 |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 96.8                 | 94.7                 | 95.0                 | 94.2                 | 92.0                 | 91.9                 | 89.8                     | 92.9                 | 93.1                 | 91.6                   | 92.0                 | 94.5                 | 93.2                 | 93.0                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2013 Q1 | 97.1                 | 95.1                 | 95.3                 | 95.1                 | 93.1                 | 93.1                 | 91.1                     | 93.8                 | 93.8                 | 93.3                   | 93.3                 | 94.8                 | 94.0                 | 93.8                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 97.7                 | 95.7                 | 95.9                 | 96.0                 | 94.2                 | 94.4                 | 92.3                     | 94.7                 | 95.7                 | 93.8                   | 94.3                 | 96.7                 | 95.4                 | 95.0                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 98.4                 | 96.8                 | 97.0                 | 97.1                 | 95.3                 | 95.4                 | 93.2                     | 95.7                 | 95.3                 | 94.6                   | 94.8                 | 96.9                 | 95.7                 | 95.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 99.1                 | 98.6                 | 98.5                 | 98.3                 | 96.2                 | 96.2                 | 95.1                     | 97.2                 | 95.5                 | 95.6                   | 95.6                 | 97.0                 | 96.2                 | 96.8                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2014 Q1 | 99.4                 | 99.4                 | 99.2                 | 99.0                 | 97.1                 | 97.0                 | 96.4                     | 98.1                 | 95.9                 | 96.4                   | 96.2                 | 98.1                 | 97.1                 | 97.7                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 99.2                 | 99.2                 | 99.0                 | 98.8                 | 96.1                 | 96.1                 | 95.6                     | 97.5                 | 95.0                 | 95.6                   | 95.4                 | 97.5                 | 96.4                 | 97.1                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q3      | 99.0                 | 99.0                 | 98.8                 | 98.7                 | 96.4                 | 96.4                 | 96.1                     | 97.6                 | 95.6                 | 96.1                   | 95.9                 | 98.2                 | 97.0                 | 97.4                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q4      | 98.7                 | 98.7                 | 98.6                 | 98.4                 | 96.4                 | 96.4                 | 96.2                     | 97.5                 | 96.0                 | 96.2                   | 96.1                 | 98.3                 | 97.1                 | 97.4                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| 2015 Q1 | 98.7                 | 98.7                 | 98.6                 | 98.5                 | 97.3                 | 97.3                 | 96.9                     | 97.9                 | 96.7                 | 97.0                   | 96.8                 | 99.1                 | 97.8                 | 97.9                 |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |
| Q2      | 98.8                 | 98.8                 | 98.7                 | 98.7                 | 97.4                 | 97.4                 | 97.0                     | 98.0                 | 96.1                 | 97.0                   | 96.7                 | 98.8                 | 97.7                 |                      |      |  |                        |  |  |  |  |                            |          |  |  |  |  |  |

# 9.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 | 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  |  |  |                        |  |  |  |                            |          |
| 2012 Jul | 97.4           | 94.3            | 94.7              | 93.2           | 91.0                     | 91.8               | 89.6         | 92.4           | 92.4            | 90.5          | 91.0            | 94.4  | 92.6           | 92.4  |  |  |                        |  |  |  |                            |          |
| Aug      | 97.2           | 94.5            | 94.8              | 93.4           | 91.3                     | 91.7               | 89.9         | 92.5           | 92.4            | 91.1          | 91.4            | 94.2  | 92.7           | 92.6  |  |  |                        |  |  |  |                            |          |
| Sep      | 97.0           | 94.6            | 94.9              | 93.7           | 91.5                     | 91.7               | 89.8         | 92.6           | 92.6            | 91.3          | 91.6            | 94.3  | 92.9           | 92.7  |  |  |                        |  |  |  |                            |          |
| Oct      | 96.9           | 94.7            | 94.9              | 94.0           | 91.8                     | 91.7               | 89.7         | 92.7           | 92.9            | 91.3          | 91.8            | 94.5  | 93.1           | 92.8  |  |  |                        |  |  |  |                            |          |
| Nov      | 96.8           | 94.7            | 95.0              | 94.3           | 92.1                     | 91.9               | 89.8         | 92.9           | 93.1            | 91.5          | 92.0            | 94.6  | 93.2           | 93.0  |  |  |                        |  |  |  |                            |          |
| Dec      | 96.8           | 94.8            | 95.0              | 94.5           | 92.4                     | 92.2               | 90.0         | 93.1           | 93.2            | 92.1          | 92.3            | 94.5  | 93.4           | 93.2  |  |  |                        |  |  |  |                            |          |
| 2013 Jan | 96.9           | 95.0            | 95.2              | 94.8           | 92.7                     | 92.6               | 90.5         | 93.4           | 93.3            | 92.8          | 92.8            | 94.4  | 93.5           | 93.4  |  |  |                        |  |  |  |                            |          |
| Feb      | 97.1           | 95.1            | 95.3              | 95.1           | 93.1                     | 93.0               | 91.1         | 93.8           | 93.6            | 93.4          | 93.3            | 94.6  | 93.9           | 93.8  |  |  |                        |  |  |  |                            |          |
| Mar      | 97.3           | 95.3            | 95.5              | 95.4           | 93.5                     | 93.5               | 91.6         | 94.1           | 94.4            | 93.6          | 93.7            | 95.3  | 94.4           | 94.2  |  |  |                        |  |  |  |                            |          |
| Apr      | 97.5           | 95.5            | 95.7              | 95.7           | 93.9                     | 94.0               | 92.0         | 94.4           | 95.3            | 93.7          | 94.2            | 96.1  | 95.1           | 94.6  |  |  |                        |  |  |  |                            |          |
| May      | 97.7           | 95.7            | 95.9              | 96.0           | 94.2                     | 94.5               | 92.4         | 94.7           | 95.9            | 93.8          | 94.4            | 96.8  | 95.5           | 95.0  |  |  |                        |  |  |  |                            |          |
| Jun      | 98.0           | 96.0            | 96.2              | 96.4           | 94.6                     | 94.8               | 92.6         | 95.0           | 95.9            | 94.0          | 94.5            | 97.1  | 95.7           | 95.2  |  |  |                        |  |  |  |                            |          |
| Jul      | 98.2           | 96.4            | 96.6              | 96.8           | 94.9                     | 95.1               | 92.8         | 95.4           | 95.6            | 94.3          | 94.6            | 97.0  | 95.7           | 95.5  |  |  |                        |  |  |  |                            |          |
| Aug      | 98.4           | 96.8            | 97.0              | 97.1           | 95.3                     | 95.4               | 93.2         | 95.7           | 95.2            | 94.6          | 94.8            | 96.8  | 95.7           | 95.7  |  |  |                        |  |  |  |                            |          |
| Sep      | 98.6           | 97.3            | 97.4              | 97.5           | 95.6                     | 95.7               | 93.7         | 96.2           | 95.1            | 95.0          | 95.0            | 96.8  | 95.8           | 96.0  |  |  |                        |  |  |  |                            |          |
| Oct      | 98.9           | 97.9            | 97.9              | 97.9           | 95.9                     | 95.9               | 94.4         | 96.7           | 95.3            | 95.4          | 95.3            | 96.9  | 96.0           | 96.4  |  |  |                        |  |  |  |                            |          |
| Nov      | 99.1           | 98.6            | 98.5              | 98.3           | 96.2                     | 96.2               | 95.2         | 97.2           | 95.5            | 95.7          | 95.6            | 97.0  | 96.3           | 96.8  |  |  |                        |  |  |  |                            |          |
| Dec      | 99.3           | 99.3            | 99.1              | 98.7           | 96.6                     | 96.6               | 96.0         | 97.7           | 95.7            | 96.0          | 95.9            | 97.1  | 96.4           | 97.2  |  |  |                        |  |  |  |                            |          |
| 2014 Jan | 99.4           | 99.4            | 99.3              | 99.0           | 97.7                     | 97.7               | 97.5         | 98.5           | 97.2            | 97.5          | 97.3            | 99.0  | 98.1           | 98.3  |  |  |                        |  |  |  |                            |          |
| Feb      | 99.4           | 99.4            | 99.2              | 99.0           | 97.1                     | 97.1               | 96.2         | 98.0           | 95.6            | 96.2          | 96.0            | 98.0  | 96.9           | 97.6  |  |  |                        |  |  |  |                            |          |
| Mar      | 99.4           | 99.4            | 99.1              | 98.9           | 96.6                     | 96.6               | 95.7         | 97.7           | 95.2            | 95.7          | 95.4            | 97.5  | 96.4           | 97.2  |  |  |                        |  |  |  |                            |          |
| Apr      | 99.3           | 99.3            | 99.1              | 98.9           | 96.1                     | 96.1               | 95.4         | 97.5           | 94.8            | 95.4          | 95.2            | 97.3  | 96.1           | 97.0  |  |  |                        |  |  |  |                            |          |
| May      | 99.2           | 99.2            | 99.0              | 98.7           | 95.8                     | 95.8               | 95.4         | 97.4           | 94.8            | 95.4          | 95.2            | 97.2  | 96.1           | 96.9  |  |  |                        |  |  |  |                            |          |
| Jun      | 99.2           | 99.2            | 98.9              | 98.8           | 96.4                     | 96.4               | 96.1         | 97.6           | 95.3            | 96.1          | 95.8            | 98.2  | 96.9           | 97.3  |  |  |                        |  |  |  |                            |          |
| Jul      | 99.1           | 99.1            | 98.9              | 98.8           | 96.7                     | 96.7               | 96.5         | 97.8           | 95.9            | 96.5          | 96.3            | 98.5  | 97.3           | 97.6  |  |  |                        |  |  |  |                            |          |
| Aug      | 99.0           | 99.0            | 98.8              | 98.7           | 96.1                     | 96.1               | 95.7         | 97.4           | 95.2            | 95.7          | 95.5            | 97.8  | 96.5           | 97.1  |  |  |                        |  |  |  |                            |          |
| Sep      | 98.9           | 98.9            | 98.7              | 98.6           | 96.4                     | 96.4               | 96.2         | 97.6           | 95.7            | 96.2          | 96.0            | 98.4  | 97.1           | 97.4  |  |  |                        |  |  |  |                            |          |
| Oct      | 98.8           | 98.8            | 98.6              | 98.4           | 96.3                     | 96.3               | 96.2         | 97.5           | 95.8            | 96.2          | 96.1            | 98.5  | 97.2           | 97.4  |  |  |                        |  |  |  |                            |          |
| Nov      | 98.7           | 98.7            | 98.5              | 98.4           | 96.6                     | 96.6               | 96.3         | 97.6           | 96.4            | 96.3          | 96.3            | 98.4  | 97.3           | 97.4  |  |  |                        |  |  |  |                            |          |
| Dec      | 98.7           | 98.7            | 98.5              | 98.4           | 96.4                     | 96.4               | 96.0         | 97.4           | 96.0            | 96.0          | 95.9            | 98.0  | 96.9           | 97.2  |  |  |                        |  |  |  |                            |          |
| 2015 Jan | 98.7           | 98.7            | 98.5              | 98.3           | 96.4                     | 96.4               | 95.9         | 97.4           | 96.0            | 95.9          | 95.9            | 98.7  | 97.2           | 97.3  |  |  |                        |  |  |  |                            |          |
| Feb      | 98.7           | 98.7            | 98.6              | 98.5           | 97.0                     | 97.0               | 96.7         | 97.8           | 96.3            | 96.7          | 96.4            | 98.6  | 97.4           | 97.6  |  |  |                        |  |  |  |                            |          |
| Mar      | 98.8           | 98.8            | 98.6              | 98.7           | 98.3                     | 98.3               | 98.1         | 98.4           | 97.6            | 98.1          | 97.8            | 98.7  | 98.7           | 98.5  |  |  |                        |  |  |  |                            |          |
| Apr      | 98.8           | 98.8            | 98.7              | 98.7           | 97.4                     | 97.4               | 96.8         | 97.9           | 96.2            | 96.8          | 96.6            | 98.6  | 97.5           | 97.8  |  |  |                        |  |  |  |                            |          |
| May      | 98.8           | 98.8            | 98.8              | 98.8           | 97.3                     | 97.3               | 96.9         | 98.0           | 95.9            | 96.9          | 96.6            | 98.8  | 97.6           | 97.8  |  |  |                        |  |  |  |                            |          |
| Jun      | 98.8           | 98.8            | 98.7              | 98.7           | 97.6                     | 97.6               | 97.3         | 98.1           | 96.3            | 97.3          | 97.0            | 99.1  | 98.0           | 98.1  |  |  |                        |  |  |  |                            |          |
| Jul      | 98.9           | 98.9            | 98.9              | 98.8           | 97.8                     | 97.8               | 98.1         | 98.5           | 97.2            | 98.1          | 97.9            | 99.7  | 98.7           | 98.6  |  |  |                        |  |  |  |                            |          |
| Aug      | 98.9           | 98.9            | 98.9              | 98.8           | 97.0                     | 97.0               | 97.4         | 98.2           | 96.7            | 97.4          | 97.1            | 99.1  | 98.1           | 98.1  |  |  |                        |  |  |  |                            |          |
| Sep      | 99.0           | 99.0            | 98.9              | 98.9           | 97.0                     | 97.0               | 97.5         | 98.2           | 96.6            | 97.5          | 97.2            | 99.2  | 98.1           | 98.2  |  |  |                        |  |  |  |                            |          |
| Oct      | 99.1           | 99.1            | 99.1              | 99.1           | 97.4                     | 97.4               | 97.9         | 98.5           | 96.9            | 97.9          | 97.6            | 99.6  | 98.6           | 98.5  |  |  |                        |  |  |  |                            |          |
| Nov      | 99.1           | 99.1            | 99.1              | 99.1           | 98.0                     | 98.0               | 98.4         | 98.8           | 97.3            | 98.4          | 98.1            | 99.9  | 99.0           | 98.9  |  |  |                        |  |  |  |                            |          |
| Dec      | 99.2           | 99.2            | 99.2              | 99.1           | 97.1                     | 97.1               | 97.6         | 98.4           | 96.5            | 97.6          | 97.2            | 99.1  | 98.1           | 98.3  |  |  |                        |  |  |  |                            |          |
| 2016 Jan | 99.4           | 99.4            | 99.4              | 99.3           | 98.7                     | 98.7               | 99.0         | 99.2           | 97.9            | 99.0          | 98.6            | 100.0 | 99.3           | 99.2  |  |  |                        |  |  |  |                            |          |
| Feb      | 99.5           | 99.5            | 99.5              | 99.4           | 98.8                     | 98.8               | 99.2         | 99.3           | 98.3            | 99.2          | 98.8            | 100.2 | 99.5           | 99.4  |  |  |                        |  |  |  |                            |          |
| Mar      | 99.6           | 99.6            | 99.6              | 99.6           | 99.3                     | 99.3               | 99.4         | 99.5           | 98.8            | 99.4          | 99.1            | 100.6 | 99.8           | 99.6  |  |  |                        |  |  |  |                            |          |
| Apr      | 99.6           | 99.6            | 99.7              | 99.6           | 99.6                     | 99.6               | 99.5         | 99.6           | 98.7            | 99.5          | 99.3            | 100.6 | 99.9           | 99.7  |  |  |                        |  |  |  |                            |          |
| May      | 99.7           | 99.7            | 99.7              | 99.8           | 99.4                     | 99.4               | 99.3         | 99.6           | 99.0            | 99.3          | 99.3            | 100.4 | 99.8           | 99.7  |  |  |                        |  |  |  |                            |          |
| Jun      | 99.8           | 99.8            | 99.8              | 99.9           | 99.5                     | 99.5               | 99.6         | 99.6           | 99.6            | 99.6          | 99.6            | 100.8 | 100.2          | 99.8  |  |  |                        |  |  |  |                            |          |
| Jul      | 99.9           | 99.9            | 99.9              | 100.0          | 100.2                    | 100.2              | 100.2        | 100.1          | 100.7           | 100.2         | 100.4           | 100.4 | 99.4           | 99.9  |  |  |                        |  |  |  |                            |          |
| Aug      | 100.1          | 100.1           | 100.1             | 100.2          | 100.2                    | 100.2              | 100.1        | 100.2          | 100.5           | 100.1         | 100.3           | 99.2  | 99.7           | 100.0 |  |  |                        |  |  |  |                            |          |
| Sep      | 100.2          | 100.2           | 100.2             | 100.2          | 100.4                    | 100.4              | 100.6        | 100.4          | 100.9           | 100.6         | 100.7           | 99.3  | 100.1          | 100.3 |  |  |                        |  |  |  |                            |          |
| Oct      | 100.6          | 100.6           | 100.6             | 100.5          | 100.9                    | 100.9              | 100.9        | 100.7          | 101.7           | 100.9         | 101.2           | 99.6  | 100.4          | 100.6 |  |  |                        |  |  |  |                            |          |
| Nov      | 100.7          | 100.7           | 100.7             | 100.6          | 101.6                    | 101.6              | 101.5        | 101.0          | 102.2           | 101.5         | 101.8           | 100.2 | 101.1          | 101.0 |  |  |                        |  |  |  |                            |          |
| Dec      | 100.8          | 100.8           | 100.8             | 101.5          | 101.5                    | 101.5              | 100.7        | 100.8          | 101.7           | 100.7         | 101.0           | 99.7  | 100.4          | 100.7 |  |  |                        |  |  |  |                            |          |
| 2017 Jan | 101.5          | 101.5           | 101.5             | 101.0          | 102.0                    | 102.0              | 101.2        | 101.4          | 102.0           | 101.0         | 101.3           | 100.0 | 100.7          | 101.1 |  |  |                        |  |  |  |                            |          |
| Feb      | 101.7          | 101.7           | 101.7             | 100.5          | 102.0                    | 102.2              | 101.2        | 101.4          | 102.1           | 101.1         | 101.4           | 100.2 | 100.8          | 101.2 |  |  |                        |  |  |  |                            |          |
| Mar      | 101.9          | 101.9           | 101.8             | 100.6          | 102.0                    | 102.3              | 101.2        | 101.4          | 102.3           | 101.3         | 101.6           | 100.4 | 101.0          | 101.3 |  |  |                        |  |  |  |                            |          |
| Apr      | 101.9          | 101.9           | 101.9             | 100.5          | 101.7                    | 102.5              | 100.9        | 101.3          | 102.4           | 101.4         | 101.8           | 100.4 | 101.1          | 101.3 |  |  |                        |  |  |  |                            |          |
| May      | 101.9          | 101.9           | 101.9             | 101.2          | 102.3                    | 102.5              | 101.5        | 101.7          | 102.5           | 101.5         | 101.8           | 100.5 | 101.2          | 101.5 |  |  |                        |  |  |  |                            |          |
| Jun      | 102.3          | 102.3           | 102.3             | 101.3          | 102.8                    | 102.9              | 101.9        | 102.0          | 102.7           | 101.6         | 102.0           | 100.6 | 101.4          | 101.8 |  |  |                        |  |  |  |                            |          |
| Jul      | 103.1          | 103.1           | 103.1             | 102.1          | 103.6                    | 103.6              | 102.8        | 102.8          | 102.8           | 101.7         | 102.1           | 100.6 | 101.4          | 102.3 |  |  |                        |  |  |  |                            |          |
| Aug      | 103.3          | 103.3           | 103.3             | 102.1          | 103.5                    | 103.3              | 102.7        | 102.9          | 102.9           | 101.9         | 102.2           | 100.7 | 101.4          | 102.4 |  |  |                        |  |  |  |                            |          |
| Sep      | 104.3          | 104.3           | 104.2             | 102.5          | 104.0                    | 104.5              | 103.2        | 103.6          | 103.0           | 101.9         | 102.3           | 100.8 | 101.5          | 102.8 |  |  |                        |  |  |  |                            |          |
| Oct      | 104.1          | 104.1           |                   |                |                          |                    |              |                |                 |               |                 |       |                |       |  |  |                        |  |  |  |                            |          |