

CONSTRUCTION PRICE INDEX (Input Cost Index for the construction of a single storey house)

3rd Quarter 2016

1. Introduction

This issue of the Economic and Social Indicators presents the monthly Construction Price Index (residential) for the third quarter of 2016 with second quarter 2009 as base period. Figures showing the evolution of the index during the past twelve months are also included.

The methodology used for compiling the index is given in the annexed technical notes. Figures have been rounded to one or two decimal places although they have been calculated to many decimal places.

2. Evolution of the Construction Price Index (October 2015 to September 2016)

Chart 1 shows the movement of the Construction Price Index from October 2015 to September 2016 with the second quarter of 2009 as base. The index which stood at 114.2 in October 2015 declined in the following two months, reaching 113.8 in December 2015. In January 2016, the index rose to 114.2 before dropping again to 113.9 in February 2016. It remained almost stable up to June 2016 but in July 2016 it increased to 114.1 and thereafter remained at the same level up to September 2016.

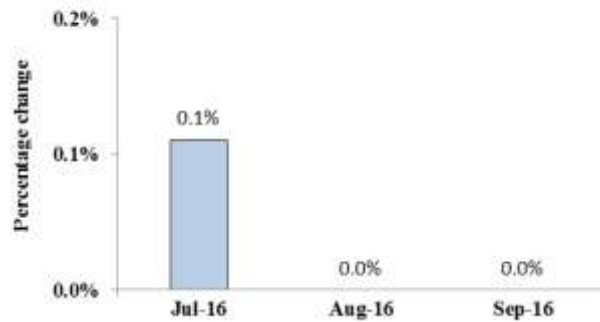


3. Changes in the Construction Price Index (July to September 2016)

The overall Construction Price Index, which stood at 113.9 at the end of June 2016, increased to 114.1 in July 2016 as a result of a rise of 1.3% in the prices of steel bars.

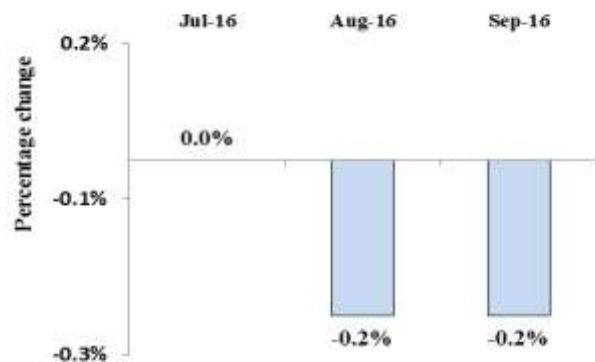
In August and September 2016, no change was registered in the overall index. However price increases/decreases were observed at sub-index level (refer to paragraph 4)

Chart 2: Percentage change from previous month



Compared to the corresponding months of the previous year, the index remained unchanged in July 2016, decreased by 0.2% both for August 2016 and September 2016 (Table 1.3).

Chart 3: Percentage change from corresponding month of previous year



4. Changes by Input Categories

Changes by input categories are shown in Tables 1.1 to 1.5.

During the third quarter of 2016, no change was registered in the “Labour”, “Hire of plant” and “Transport” sub-indices.

The “Materials” sub-index which stood at 111.6 in June 2016 increased by 0.2% to reach 111.8 in July 2016 due to an increase 1.3% in the prices of steel bars, but in August 2016, it remained unchanged. However an increase of 0.1% was noted in the prices of timber carpentry, partly offset by a decrease of 0.1% in the prices of steel bars. No change was registered in the “Materials” sub-index in September 2016.

The net monthly contributions of the input categories to the index during the period October 2015 to September 2016 are shown in Table 1.4.

Quarterly averages of the monthly indices by input category and the percentage change from quarter to quarter are shown in Table 1.5.

5. Changes by Work Category

Changes by work category are shown in Tables 2.1 to 2.5.

During the month of July 2016, the increase of 1.3% in the prices of steel bars resulted in an increase of 0.9% in the “Reinforcement” work category.

In August 2016, the 0.1% rise in the prices of timber carpentry resulted in higher prices in the “Setting up” work category and the decrease of 0.1% in the prices of steel bars contributed to a drop of 0.1% in the “Reinforcement” work category.

In September 2016, all work categories remained unchanged as no changes were observed in the prices of the input categories.

Table 2.4 shows the net monthly contributions of the work categories to the index since October 2015.

Quarterly averages of the monthly indices by work category and the percentage changes from quarter to quarter are shown in Table 2.5.

6. Past Trends

Table 3.1 summarises the monthly indices, the quarterly and yearly averages as well as the percentage changes in the yearly average since 2004. The base period for the calculation of the index as from 2002 up to the first quarter of 2009 is the fourth quarter of 2001. As from April 2009 the base period used is the second quarter of 2009.

The series are not strictly comparable because of different base periods. However, for some particular purposes, comparison between the series may be necessary. A chain linked series with base period second quarter 2009 has been worked out and is given in Table 3.2.

Statistics Mauritius
Ministry of Finance and Economic Development
Port Louis
October 2016

| |
|--|
| <p>Contact persons: Mr. K. Persand (Statistician) Ms. F. Victor (Senior Statistical Officer) Statistics Mauritius LIC Centre Port-Louis Tel: 2081800 Fax: 213 0234 Email: cso_construction@ govmu.org</p> |
|--|

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 1.1: Monthly sub-indices by input category, October 2015 to September 2016

| Input Categories | Weight | 2015 | | | 2016 | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| LABOUR | 28.2 | 119.5 | 119.5 | 119.5 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 |
| HIRE OF PLANT | 3.3 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 |
| MATERIALS: | 64.2 | 112.5 | 112.3 | 112.0 | 111.9 | 111.6 | 111.4 | 111.4 | 111.6 | 111.6 | 111.8 | 111.8 | 111.8 |
| Hardcore (remplissage) | 1.8 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 | 118.7 |
| Cement | 12.7 | 120.0 | 120.0 | 120.0 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 |
| Sand | 4.2 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 |
| Aggregate | 3.4 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 |
| Block | 5.2 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 | 122.6 |
| Steel bars (armature) | 10.6 | 97.2 | 96.0 | 94.3 | 93.2 | 91.1 | 90.1 | 90.1 | 91.1 | 91.1 | 92.2 | 92.1 | 92.1 |
| Galvanised corrugated cast iron sheeting | 0.6 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| Timber: (a) Carpentry | 3.9 | 111.8 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.6 | 111.6 |
| (b) Joinery | 1.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 |
| Aluminium openings | 4.1 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 |
| Metal openings | 2.7 | 108.8 | 108.8 | 108.6 | 108.5 | 108.5 | 108.5 | 108.5 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 |
| Ceramic tiles | 0.8 | 120.6 | 120.6 | 120.6 | 120.6 | 120.6 | 120.6 | 120.6 | 120.6 | 120.6 | 120.7 | 120.7 | 120.7 |
| Adhesive | 1.7 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| Paint | 2.5 | 127.5 | 127.5 | 127.5 | 127.6 | 127.6 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 |
| Plumbing | 1.5 | 103.7 | 103.7 | 103.6 | 103.6 | 103.9 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 |
| Sanitary installation | 2.2 | 108.7 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 |
| Electrical installation | 4.7 | 112.4 | 112.4 | 112.4 | 112.4 | 112.5 | 112.5 | 112.5 | 112.5 | 112.5 | 112.5 | 112.5 | 112.5 |
| TRANSPORT | 4.3 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 |
| Total | 100.0 | 114.2 | 114.0 | 113.8 | 114.2 | 113.9 | 113.8 | 113.8 | 113.9 | 113.9 | 114.1 | 114.1 | 114.1 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 1.2: Percentage change from previous month by input category, October 2015 to September 2016

| Input Categories | Weight | Percentage change from previous month | | | | | | | | | | | |
|--|--------------|---------------------------------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|
| | | Oct 15 | Nov 15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 |
| LABOUR | 28.2 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| HIRE OF PLANT | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MATERIALS: | 64.2 | -0.1 | -0.2 | -0.2 | -0.1 | -0.3 | -0.2 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 |
| Hardcore (remplissage) | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cement | 12.7 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sand | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aggregate | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Steel bars (armature) | 10.6 | -1.2 | -1.2 | -1.7 | -1.2 | -2.3 | -1.2 | 0.0 | 1.1 | 0.0 | 1.3 | -0.1 | 0.0 |
| Galvanised corrugated cast iron sheeting | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Timber: (a) Carpentry | 3.9 | 0.2 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| (b) Joinery | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aluminium openings | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Metal openings | 2.7 | 0.2 | 0.0 | -0.2 | -0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ceramic tiles | 0.8 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Adhesive | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Paint | 2.5 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Plumbing | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sanitary installation | 2.2 | -0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electrical installation | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TRANSPORT | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | -0.1 | -0.1 | -0.2 | 0.3 | -0.2 | -0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 1.3: Percentage change from corresponding month of previous year by input category, October 2015 to September 2016

| Input Categories | Weight | % change from corresponding month of previous year | | | | | | | | | | | |
|--|--------------|--|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | Oct 15 | Nov 15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 |
| LABOUR | 28.2 | 4.5 | 4.5 | 4.5 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| HIRE OF PLANT | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MATERIALS: | 64.2 | 0.4 | 0.4 | 0.1 | 0.0 | -0.2 | -0.6 | -0.7 | -0.6 | -0.7 | -0.6 | -0.8 | -0.8 |
| Hardcore (remplissage) | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cement | 12.7 | 1.8 | 1.8 | 1.8 | 2.2 | 2.2 | 1.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Sand | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aggregate | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Steel bars (armature) | 10.6 | -3.1 | -4.4 | -6.0 | -7.0 | -8.0 | -9.1 | -8.8 | -7.6 | -7.6 | -6.4 | -6.3 | -6.3 |
| Galvanised corrugated cast iron sheeting | 0.6 | -1.7 | -1.7 | -1.7 | -1.7 | -1.7 | -1.7 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Timber: (a) Carpentry | 3.9 | 3.8 | 3.5 | 3.5 | 3.5 | 2.6 | 1.9 | 1.9 | 0.5 | -0.1 | -0.1 | 0.0 | 0.0 |
| (b) Joinery | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.4 | 0.4 | 0.4 | 0.0 | 0.0 |
| Aluminium openings | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Metal openings | 2.7 | -0.2 | -0.2 | -0.4 | -0.5 | -0.3 | -0.3 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ceramic tiles | 0.8 | 3.0 | 7.7 | 7.7 | 5.3 | 3.0 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Adhesive | 1.7 | -0.1 | -0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Paint | 2.5 | 5.6 | 5.6 | 5.6 | 5.7 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 0.5 | 0.3 |
| Plumbing | 1.5 | 0.4 | 0.5 | 0.5 | 0.2 | 0.5 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sanitary installation | 2.2 | -0.1 | 0.9 | 0.9 | 0.7 | 0.2 | 0.0 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.2 |
| Electrical installation | 4.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 |
| TRANSPORT | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 1.6 | 1.5 | 1.4 | 0.3 | 0.2 | 0.0 | -0.1 | -0.1 | -0.1 | 0.0 | -0.2 | -0.2 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 1.4: Net monthly contributions of input categories to the index, October 2015 to September 2016

| Input Categories | Weight | 2015 | | | 2016 | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|
| | | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| LABOUR | 28.2 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HIRE OF PLANT | 3.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MATERIALS: | 64.2 | -0.09 | -0.14 | -0.18 | -0.06 | -0.22 | -0.12 | 0.00 | 0.12 | 0.00 | 0.13 | -0.01 | 0.00 |
| Hardcore (remplissage) | 1.8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cement | 12.7 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sand | 4.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aggregate | 3.4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Block | 5.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Steel bars (armature) | 10.6 | -0.12 | -0.13 | -0.17 | -0.12 | -0.22 | -0.11 | 0.00 | 0.11 | 0.00 | 0.13 | -0.01 | 0.00 |
| Galvanised corrugated cast iron sheeting | 0.6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Timber: (a) Carpentry | 3.9 | 0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| (b) Joinery | 1.6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aluminium openings | 4.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Metal openings | 2.7 | 0.01 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ceramic tiles | 0.8 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Adhesive | 1.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Paint | 2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Plumbing | 1.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sanitary installation | 2.2 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Electrical installation | 4.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TRANSPORT | 4.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 100.0 | -0.09 | -0.14 | -0.18 | 0.31 | -0.22 | -0.12 | 0.00 | 0.12 | 0.00 | 0.13 | -0.01 | 0.00 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 1.5: Quarterly average of monthly indices and percentage changes by input category, 4th Quarter 2015 to 3rd Quarter 2016

| Input Categories | Weight | 2015 | 2016 | | | % Change from previous quarter | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------------------------|-------------|-------------|-------------|
| | | 4th Qr | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr 2015 | 1st Qr 2016 | 2nd Qr 2016 | 3rd Qr 2016 |
| LABOUR | 28.2 | 119.5 | 120.8 | 120.8 | 120.8 | 0.0 | 1.1 | 0.0 | 0.0 |
| HIRE OF PLANT | 3.3 | 107.5 | 107.5 | 107.5 | 107.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| MATERIALS: | 64.2 | 112.3 | 111.6 | 111.5 | 111.8 | -0.3 | -0.6 | -0.1 | 0.2 |
| Hardcore (remplissage) | 1.8 | 118.7 | 118.7 | 118.7 | 118.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cement | 12.7 | 120.0 | 120.5 | 120.5 | 120.5 | 0.0 | 0.4 | 0.0 | 0.0 |
| Sand | 4.2 | 121.3 | 121.3 | 121.3 | 121.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aggregate | 3.4 | 120.7 | 120.7 | 120.7 | 120.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Block | 5.2 | 122.6 | 122.6 | 122.6 | 122.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Steel bars (armature) | 10.6 | 95.8 | 91.5 | 90.7 | 92.2 | -2.6 | -4.5 | -0.8 | 1.6 |
| Galvanised corrugated cast iron sheeting | 0.6 | 96.5 | 96.5 | 97.3 | 97.7 | 0.0 | 0.0 | 0.8 | 0.4 |
| Timber: (a) Carpentry | 3.9 | 111.6 | 111.5 | 111.5 | 111.6 | 0.0 | -0.1 | 0.0 | 0.1 |
| (b) Joinery | 1.6 | 112.6 | 112.6 | 112.6 | 112.6 | 0.1 | 0.0 | 0.0 | 0.0 |
| Aluminium openings | 4.1 | 100.9 | 100.9 | 100.9 | 100.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Metal openings | 2.7 | 108.8 | 108.5 | 108.6 | 108.6 | 0.1 | -0.3 | 0.1 | 0.0 |
| Ceramic tiles | 0.8 | 120.6 | 120.6 | 120.6 | 120.7 | 2.5 | 0.0 | 0.0 | 0.0 |
| Adhesive | 1.7 | 104.9 | 104.9 | 104.9 | 104.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Paint | 2.5 | 127.5 | 127.6 | 127.7 | 127.7 | 1.9 | 0.1 | 0.1 | 0.0 |
| Plumbing | 1.5 | 103.6 | 103.8 | 103.7 | 103.7 | 0.0 | 0.1 | -0.1 | 0.0 |
| Sanitary installation | 2.2 | 108.9 | 109.0 | 109.0 | 109.0 | -0.2 | 0.1 | 0.0 | 0.0 |
| Electrical installation | 4.7 | 112.4 | 112.4 | 112.5 | 112.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| TRANSPORT | 4.3 | 109.1 | 109.1 | 109.1 | 109.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | 114.0 | 114.0 | 113.9 | 114.1 | -0.2 | 0.0 | -0.1 | 0.1 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 2.1: Monthly sub-indices by work category, October 2015 to September 2016

| Work Categories | Weight | 2015 | | | 2016 | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| | | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | |
| 1. Setting up | 1.5 | 108.8 | 108.8 | 108.8 | 109.0 | 109.0 | 109.0 | 109.0 | 109.4 | 109.4 | 109.4 | 109.5 | 109.5 | |
| 2. Setting out | 0.5 | 127.0 | 127.0 | 127.0 | 127.6 | 127.6 | 127.6 | 127.6 | 127.6 | 127.6 | 127.6 | 127.6 | 127.6 | |
| 3. Earthworks | 3.3 | 114.7 | 114.7 | 114.7 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | |
| 4. Concrete | 21.3 | 118.4 | 118.4 | 118.4 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | |
| 5. Reinforcement | 14.6 | 103.3 | 102.4 | 101.2 | 100.8 | 99.3 | 98.5 | 98.5 | 99.2 | 99.2 | 100.1 | 100.0 | 100.0 | |
| 6. Formwork (coffrage) | 8.5 | 112.5 | 112.4 | 112.4 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | 112.8 | 112.8 | |
| 7. Blockwork | 8.7 | 120.2 | 120.2 | 120.2 | 120.4 | 120.4 | 120.4 | 120.4 | 120.4 | 120.4 | 120.4 | 120.4 | 120.4 | |
| 8. Softwood joinery | 1.5 | 117.3 | 117.3 | 117.3 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | |
| 9. Aluminium doors and openings | 6.0 | 106.2 | 106.2 | 106.2 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | |
| 10. Metal openings | 4.1 | 112.5 | 112.5 | 112.4 | 112.6 | 112.6 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | 112.7 | |
| 11. Rendering to wall/ceiling (crepissage) | 10.4 | 119.2 | 119.2 | 119.2 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | |
| 12. Bed & screed to floor/roof | 3.8 | 118.0 | 118.0 | 118.0 | 118.6 | 118.6 | 118.6 | 118.6 | 118.6 | 118.6 | 118.6 | 118.6 | 118.6 | |
| 13. Tiling | 1.6 | 118.1 | 118.1 | 118.1 | 118.5 | 118.5 | 118.5 | 118.5 | 118.5 | 118.5 | 118.5 | 118.5 | 118.5 | |
| 14. Painting | 3.2 | 124.0 | 124.0 | 124.0 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | 124.5 | |
| 15. Plumbing and Drainage | 5.0 | 109.5 | 109.6 | 109.6 | 109.9 | 110.0 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | |
| 16. Electrical installation | 6.0 | 113.8 | 113.8 | 113.8 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | |
| Total | 100.0 | 114.2 | 114.0 | 113.8 | 114.2 | 113.9 | 113.8 | 113.8 | 113.9 | 113.9 | 114.1 | 114.1 | 114.1 | |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 2.2: Percentage change from previous month by work category, October 2015 to September 2016

| Work Categories | Weight | Percentage change from previous month | | | | | | | | | | | |
|--|--------------|---------------------------------------|-------------|-------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|
| | | Oct 15 | Nov 15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 |
| 1. Setting up | 1.5 | 0.0 | -0.1 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 |
| 2. Setting out | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3. Earthworks | 3.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4. Concrete | 21.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. Reinforcement | 14.6 | -0.8 | -0.9 | -1.2 | -0.4 | -1.5 | -0.8 | 0.0 | 0.7 | 0.0 | 0.9 | -0.1 | 0.0 |
| 6. Formwork (coffrage) | 8.5 | 0.1 | -0.1 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7. Blockwork | 8.7 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8. Softwood joinery | 1.5 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. Aluminium doors and openings | 6.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10. Metal openings | 4.1 | 0.1 | 0.0 | -0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11. Rendering to wall/ceiling (crepissage) | 10.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. Bed & screed to floor/roof | 3.8 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. Tiling | 1.6 | 1.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14. Painting | 3.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15. Plumbing and Drainage | 5.0 | -0.2 | 0.1 | 0.0 | 0.3 | 0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16. Electrical installation | 6.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 100.0 | -0.1 | -0.1 | -0.2 | 0.3 | -0.2 | -0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 2.3: Percentage change from corresponding month of previous year by work category, October 2015 to September 2016

| Work Categories | Weight | % change from corresponding month of previous year | | | | | | | | | | | |
|--|--------------|--|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| | | Oct 15 | Nov 15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 |
| 1. Setting up | 1.5 | 0.3 | 0.2 | 0.2 | -0.2 | -0.2 | -0.3 | 0.3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 2. Setting out | 0.5 | 2.1 | 2.1 | 2.1 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 3. Earthworks | 3.3 | 0.8 | 0.8 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 4. Concrete | 21.3 | 1.8 | 1.8 | 1.8 | 1.1 | 1.1 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 5. Reinforcement | 14.6 | -0.8 | -1.7 | -2.8 | -4.5 | -5.2 | -6.0 | -5.7 | -4.9 | -4.9 | -4.1 | -4.0 | -4.0 |
| 6. Formwork (coffrage) | 8.5 | 3.0 | 2.8 | 2.8 | 1.9 | 1.5 | 1.2 | 1.2 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 |
| 7. Blockwork | 8.7 | 0.8 | 0.8 | 0.8 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 8. Softwood joinery | 1.5 | 2.4 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 | 0.9 | 0.9 | 0.9 | 0.4 | 0.4 |
| 9. Aluminium doors and openings | 6.0 | 1.3 | 1.3 | 1.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 10. Metal openings | 4.1 | 1.3 | 1.3 | 1.2 | 0.1 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 |
| 11. Rendering to wall/ceiling (crepissage) | 10.4 | 3.1 | 3.1 | 3.1 | 1.1 | 1.1 | 1.0 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| 12. Bed & screed to floor/roof | 3.8 | 2.0 | 2.0 | 2.2 | 1.1 | 1.1 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 13. Tiling | 1.6 | 3.0 | 5.3 | 5.3 | 3.1 | 2.0 | 2.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 14. Painting | 3.2 | 5.2 | 5.2 | 5.2 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 0.6 | 0.4 |
| 15. Plumbing and Drainage | 5.0 | 1.1 | 1.6 | 1.6 | 0.6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| 16. Electrical installation | 6.0 | 1.5 | 1.5 | 1.5 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.3 | 0.3 | 0.3 |
| Total | 100.0 | 1.6 | 1.5 | 1.4 | 0.3 | 0.2 | 0.0 | -0.1 | -0.1 | -0.1 | 0.0 | -0.2 | -0.2 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 2.4: Net monthly contributions of work categories to the index, October 2015 to September 2016

| Work Categories | Weight | 2015 | | | 2016 | | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|
| | | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 1. Setting up | 1.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. Setting out | 0.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. Earthworks | 3.3 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4. Concrete | 21.3 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5. Reinforcement | 14.6 | -0.12 | -0.13 | -0.17 | -0.06 | -0.22 | -0.11 | 0.00 | 0.11 | 0.00 | 0.13 | -0.01 | 0.00 |
| 6. Formwork (coffrage) | 8.5 | 0.01 | -0.01 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7. Blockwork | 8.7 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8. Softwood joinery | 1.5 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9. Aluminium doors and openings | 6.0 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10. Metal openings | 4.1 | 0.01 | 0.00 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11. Rendering to wall/ceiling (crepissage) | 10.4 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12. Bed & screed to floor/roof | 3.8 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13. Tiling | 1.6 | 0.02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14. Painting | 3.2 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15. Plumbing and Drainage | 5.0 | -0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16. Electrical installation | 6.0 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 100.0 | -0.09 | -0.14 | -0.18 | 0.31 | -0.22 | -0.12 | 0.00 | 0.12 | 0.00 | 0.13 | -0.01 | 0.00 |

Input Cost Index for the construction of a single storey house

(Base: 2nd Quarter 2009 = 100)

Table 2.5 Quarterly average of monthly indices and percentage changes by work category, 4th Quarter 2015 to 3rd Quarter 2016

| Work Categories | Weight | 2015 | 2016 | | | % Change from previous quarter | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------------------------|-------------|-------------|-------------|
| | | 4th Qr | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr 2015 | 1st Qr 2016 | 2nd Qr 2016 | 3rd Qr 2016 |
| 1. Setting up | 1.5 | 108.8 | 109.0 | 109.3 | 109.5 | 0.0 | 0.2 | 0.3 | 0.2 |
| 2. Setting out | 0.5 | 127.0 | 127.6 | 127.6 | 127.6 | 0.0 | 0.5 | 0.0 | 0.0 |
| 3. Earthworks | 3.3 | 114.7 | 114.9 | 114.9 | 114.9 | 0.0 | 0.2 | 0.0 | 0.0 |
| 4. Concrete | 21.3 | 118.4 | 118.9 | 118.9 | 118.9 | 0.0 | 0.4 | 0.0 | 0.0 |
| 5. Reinforcement | 14.6 | 102.3 | 99.5 | 99.0 | 100.0 | -1.8 | -2.7 | -0.5 | 1.1 |
| 6. Formwork (coffrage) | 8.5 | 112.4 | 112.7 | 112.7 | 112.8 | 0.0 | 0.3 | 0.0 | 0.0 |
| 7. Blockwork | 8.7 | 120.2 | 120.4 | 120.4 | 120.4 | 0.0 | 0.2 | 0.0 | 0.0 |
| 8. Softwood joinery | 1.5 | 117.3 | 117.7 | 117.7 | 117.7 | 0.2 | 0.4 | 0.0 | 0.0 |
| 9. Aluminium doors and openings | 6.0 | 106.2 | 106.6 | 106.6 | 106.6 | 0.0 | 0.3 | 0.0 | 0.0 |
| 10. Metal openings | 4.1 | 112.5 | 112.7 | 112.7 | 112.7 | 0.2 | 0.2 | 0.1 | 0.0 |
| 11. Rendering to wall/ceiling (crepissage) | 10.4 | 119.2 | 120.1 | 120.1 | 120.1 | 0.0 | 0.7 | 0.0 | 0.0 |
| 12. Bed & screed to floor/roof | 3.8 | 118.0 | 118.6 | 118.6 | 118.6 | 0.0 | 0.5 | 0.0 | 0.0 |
| 13. Tiling | 1.6 | 118.1 | 118.5 | 118.5 | 118.5 | 1.2 | 0.3 | 0.0 | 0.0 |
| 14. Painting | 3.2 | 124.0 | 124.5 | 124.5 | 124.5 | 1.3 | 0.4 | 0.0 | 0.0 |
| 15. Plumbing and Drainage | 5.0 | 109.6 | 110.0 | 109.9 | 109.9 | -0.1 | 0.3 | 0.0 | 0.0 |
| 16. Electrical installation | 6.0 | 113.8 | 114.1 | 114.1 | 114.1 | 0.0 | 0.3 | 0.0 | 0.0 |
| Total | 100.0 | 114.0 | 114.0 | 113.9 | 114.1 | -0.2 | 0.0 | -0.1 | 0.1 |

Table 3.1: Construction Price Index - January 2004 to June 2016

| | <i>(Base: 4th Quarter 2001 = 100)</i> | | | | | | <i>(Base: 2nd Quarter 2009 = 100)</i> | | | | | | | |
|---------------------------------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| January | 109.5 | 118.7 | 126.7 | 140.7 | 159.0 | 166.0 | 100.3 | 102.8 | 106.7 | 109.8 | 112.6 | 113.8 | 114.2 | |
| February | 112.2 | 122.5 | 127.3 | 140.7 | 159.0 | 166.0 | 100.3 | 104.1 | 106.8 | 110.5 | 112.6 | 113.7 | 113.9 | |
| March | 112.3 | 122.5 | 127.3 | 141.2 | 157.9 | 163.5 | 98.8 | 104.5 | 106.8 | 110.4 | 112.6 | 113.9 | 113.8 | |
| 1st Quarter | 111.3 | 121.3 | 127.1 | 140.9 | 158.7 | 165.2 | 99.8 | 103.8 | 106.8 | 110.2 | 112.6 | 113.8 | 114.0 | |
| April | 112.3 | 122.5 | 127.9 | 144.1 | 157.9 | | 100.2 | 98.8 | 104.5 | 108.6 | 110.9 | 112.6 | 114.0 | 113.8 |
| May | 112.3 | 122.7 | 127.9 | 144.3 | 157.9 | | 100.0 | 100.2 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 |
| June | 115.5 | 122.7 | 129.9 | 147.4 | 161.2 | | 99.8 | 100.4 | 104.4 | 108.6 | 111.0 | 112.5 | 114.1 | 113.9 |
| 2nd Quarter | 113.4 | 122.6 | 128.6 | 145.2 | 159.0 | | 100.0 | 99.8 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 |
| July | 116.4 | 124.6 | 134.4 | 150.5 | 165.2 | | 100.6 | 100.9 | 104.3 | 108.7 | 111.0 | 112.4 | 114.1 | 114.1 |
| August | 116.4 | 124.6 | 135.1 | 151.3 | 167.5 | | 100.2 | 100.8 | 105.0 | 108.7 | 111.1 | 112.3 | 114.2 | 114.1 |
| September | 117.0 | 124.6 | 135.1 | 151.6 | 169.2 | | 100.2 | 100.8 | 105.2 | 108.8 | 111.1 | 112.3 | 114.2 | 114.1 |
| 3rd Quarter | 116.6 | 124.6 | 134.9 | 151.1 | 167.3 | | 100.3 | 100.9 | 104.8 | 108.7 | 111.0 | 112.4 | 114.2 | 114.1 |
| October | 117.3 | 125.3 | 135.1 | 152.9 | 170.0 | | 100.3 | 101.4 | 105.4 | 108.8 | 111.2 | 112.4 | 114.2 | |
| November | 117.8 | 126.1 | 136.9 | 151.1 | 168.7 | | 100.3 | 101.6 | 105.4 | 108.8 | 111.2 | 112.3 | 114.0 | |
| December | 118.4 | 126.1 | 137.1 | 151.4 | 167.2 | | 100.3 | 101.7 | 105.5 | 108.9 | 111.5 | 112.3 | 113.8 | |
| 4th Quarter | 117.8 | 125.8 | 136.4 | 151.8 | 168.6 | | 100.3 | 101.6 | 105.4 | 108.8 | 111.3 | 112.3 | 114.0 | |
| Yearly average | 114.8 | 123.6 | 131.8 | 147.2 | 163.4 | | | 100.5 | 104.6 | 108.2 | 110.9 | 112.5 | 114.0 | |
| % change in the yearly average | 6.3 | 7.7 | 6.6 | 11.8 | 11.0 | | 0.1 | -0.1 | 4.1 | 3.5 | 2.4 | 1.4 | 1.4 | |

Table 3.2: Construction Price Index - January 2004 to June 2016 (Base period: 2nd Qtr 2009 = 100)

| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| January | 67.3 | 73.0 | 77.9 | 86.5 | 97.8 | 102.1 | 100.3 | 102.8 | 106.7 | 109.8 | 112.6 | 113.8 | 114.2 |
| February | 69.0 | 75.3 | 78.3 | 86.5 | 97.8 | 102.1 | 100.3 | 104.1 | 106.8 | 110.5 | 112.6 | 113.7 | 113.9 |
| March | 69.1 | 75.3 | 78.3 | 86.8 | 97.1 | 100.6 | 98.8 | 104.5 | 106.8 | 110.4 | 112.6 | 113.9 | 113.8 |
| 1st Quarter | 68.5 | 74.6 | 78.2 | 86.6 | 97.6 | 101.6 | 99.8 | 103.8 | 106.8 | 110.2 | 112.6 | 113.8 | 114.0 |
| April | 69.1 | 75.3 | 78.7 | 88.6 | 97.1 | 100.2 | 98.8 | 104.5 | 108.6 | 110.9 | 112.6 | 114.0 | 113.8 |
| May | 69.1 | 75.5 | 78.7 | 88.7 | 97.1 | 100.0 | 100.2 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 |
| June | 71.0 | 75.5 | 79.9 | 90.6 | 99.2 | 99.8 | 100.4 | 104.4 | 108.6 | 111.0 | 112.5 | 114.1 | 113.9 |
| 2nd Quarter | 69.7 | 75.4 | 79.1 | 89.3 | 97.8 | 100.0 | 99.8 | 104.4 | 108.6 | 110.9 | 112.5 | 114.0 | 113.9 |
| July | 71.6 | 76.6 | 82.7 | 92.5 | 101.6 | 100.6 | 100.9 | 104.3 | 108.7 | 111.0 | 112.4 | 114.1 | 114.1 |
| August | 71.6 | 76.6 | 83.1 | 93.0 | 103.0 | 100.2 | 100.8 | 105.0 | 108.7 | 111.1 | 112.3 | 114.2 | 114.1 |
| September | 72.0 | 76.6 | 83.1 | 93.2 | 104.1 | 100.2 | 100.8 | 105.2 | 108.8 | 111.1 | 112.3 | 114.2 | 114.1 |
| 3rd Quarter | 71.7 | 76.6 | 82.9 | 92.9 | 102.9 | 100.3 | 100.9 | 104.8 | 108.7 | 111.0 | 112.4 | 114.2 | 114.1 |
| October | 72.2 | 77.1 | 83.1 | 94.0 | 104.6 | 100.3 | 101.4 | 105.4 | 108.8 | 111.2 | 112.4 | 114.2 | |
| November | 72.4 | 77.6 | 84.2 | 92.9 | 103.7 | 100.3 | 101.6 | 105.4 | 108.8 | 111.2 | 112.3 | 114.0 | |
| December | 72.8 | 77.6 | 84.3 | 93.1 | 102.8 | 100.3 | 101.7 | 105.5 | 108.9 | 111.5 | 112.3 | 113.8 | |
| 4th Quarter | 72.5 | 77.4 | 83.9 | 93.3 | 103.7 | 100.3 | 101.6 | 105.4 | 108.8 | 111.3 | 112.3 | 114.0 | |
| Yearly average | 70.6 | 76.0 | 81.0 | 90.6 | 100.5 | 100.6 | 100.5 | 104.6 | 108.2 | 110.9 | 112.5 | 114.0 | |
| % change in the yearly average | 6.3 | 7.7 | 6.6 | 11.8 | 11.0 | 0.1 | -0.1 | 4.1 | 3.5 | 2.4 | 1.4 | 1.4 | |

Technical Note

Methodology for the compilation of the Construction Price Index

(i) Introduction

A Construction Price Index measures the change in the level of construction prices. The construction industry is very broad and highly diversified with considerable variations from one type of construction to another. This makes it difficult to derive generalized indices that would be applicable to the industry as a whole. Hence, separate indices for the different types of construction need to be compiled. At present, Statistics Mauritius publishes an index that covers residential buildings only.

(ii) Types of Construction Price Indices

Different approaches to index number compilation are used depending on the purpose for which the index is required. There are two main types of construction price indices:

The Output Price Index

In this approach, specific projects representative of the various categories of construction works are selected as models and construction firms are surveyed and asked to provide estimates of the prevailing market prices for each of the projects. As such, the output price indices respond to the changes in prices of materials used and cost of labour, as well as changes in overhead costs and profits.

The Input Price Index

The index is based on prices of a representative selection of basic inputs (labour, plant, materials and transport) that go into the construction work. Hence, the input price index measures the change in the cost of resources to the contractor, and not the change in the price that the client pays.

The office opted for the input price index which, though more limiting than the output price index, is simpler and less expensive to construct and maintain.

(iii) Selection of representative dwelling

Since it would have been too time-consuming and costly to include all major types of residential dwellings, it was decided to restrict the index to a model dwelling, representing the most common type of dwelling in 2007. This model dwelling was determined on the basis of the 2000 Housing Census data and developments assumed to have taken place during the period 2000 to 2007. The drawings of the prototype model dwelling were provided by the Mauritius Housing Company Ltd. A description of the model is given at paragraph (viii) below.

(iv) Weighting scheme

The quantity survey work to determine the weighting pattern for the index was entrusted to a private Quantity Surveyor following established procedures.

Any given construction consists of an assembly of a certain number of stages or work categories. Sixteen stages or broad work categories were identified and detailed costs of inputs in terms of labour, plant, materials and transport that go into the construction of the selected model were calculated under each of the 16 work categories. The weights have been worked out in such a way that they can be presented in terms of inputs as well as work categories. For publication purposes, weights and sub-indices are shown not only for the 16 work categories, but also for the 4 broad input categories of labour, plant, materials and transport, the “materials” category being further sub-divided into 17 sub-categories.

Changes in the weight structure from 2001 to 2009 are given at the end of this technical note. It is noted that there has been some reclassification within work categories while new ones have been identified. Also within work categories there has been some changes in the product mix as well as the introduction of some new products.

(v) Data collection

The data needed for the computation of the index are collected every month from a sample of 50 outlets in 8 regions of the island. Prices are collected in respect of some 109 items, representative of all items that go into the computation of the index.

(vi) Calculation of the Construction Price Index

The Construction Price Index is a weighted average of price relatives of individual items, based on the modified Laspeyres formula:

$$I_t = \frac{\sum W_i (P_{it} / P_{io})}{\sum W_i} \times 100$$

where I_t = index for current period t
 P_{io} = price of item i at base period 0
 P_{it} = price of item i at current period t
 W_i = weight of item i

The base period is the 2nd quarter of 2009.

(vii) Uses

- a) Construction price indices give an indication of the change in the level of prices of construction works. As such, they are used as deflators for the measurement of real growth in the construction sector.
- b) They are also useful for evaluating cost fluctuations in contracts regarding construction works and for renegotiating owner-tenant agreements.

(viii) Description of model dwelling

The model used is a single storey (ground floor) detached house of 138 square metres (1,485 square feet) in floor area measured at plinth level to the external face of the external walls. The overall area is inclusive of 18.55 square metres (200 square feet) in respect of a garage.

It comprises three bedrooms, a living-dining room, a kitchen, two toilets, a utility room, a bathroom, a verandah and an attached garage. The building has concrete block walls, reinforced concrete flat roof, internal flush plywood doors, aluminium openings for windows and entrance door, screeded floor and roof, tiling to floor and walls of w.c. and bathroom and kitchen worktop; the ceilings and walls are rendered and painted both internally and externally. Plumbing, sanitary installation and electrical installation are included as well as drainage which is to be connected to the sewerage system.

Provision has been made, in the form of more substantial foundations and of stub columns on the roof, for converting the single into a two-storey house eventually. Site works are restricted to spreading and leveling surplus excavated material around the site.

The index excludes the cost of the building permit and the draughtman's fee.

It is assumed that although the house is not constructed by a contractor, the client has recourse to the services of a foreman.