



PRODUCER PRICE INDEX (MANUFACTURING AND MINING)

13th October, 2014

Introduction

The Producer Price Index (PPI) for Zanzibar measures the quarterly changes in prices of goods produced by Manufacturing and Mining Industries. The pricing point is ex-factory or ex-mining mine site, and excludes trade and transport margin and taxes.

An initial PPI was compiled on a reference base of September quarter 2011 and with weights derived from the 2008 Census of Industrial Production (CIP). The index has since been rebased to June quarter 2013 and weights derived from 2012 CIP.

In this first publication, the rebased series have been linked to the initial index at the Division and Section level of the International Standard Industrial Classification (ISIC) rev 4, and for the total PPI, at June quarter 2013. Continuous indices are presented for the period September quarter 2011 to June quarter 2013. It should be noted that indices for two of the divisions contained in the new index were not included in the initial index; indices for these divisions start with June quarter 2013.

Price Collection

In the new PPI, prices are collected from thirty four establishments in Zanzibar; nine in Pemba and twenty five in Unguja. A sample of five establishments was selected to represent quarrying and 29 for manufacturing making a total of 34 establishments.

Analysis

The movement of the PPI index in June 2014 increased to 101.25 compared to 100.00 recorded in June 2013, a this resulted the percentage change of 1.25. The movement of Mining and Quarrying in June 2014 increased to 104.79 compared to 100.00 recorded in June 2013, a change of 4.79 percent. The movement of Manufacturing in June 2014 increased to 101.11 compared to 100.00 recorded in June 2013, a change of 1.11 percent. **(Table 1)**

The PPI index increased by 0.57 percent in June 2014 to 101.25 compared to 100.68 recorded in March 2014. The Mining and Quarrying Index increased by 3.30 percent in June 2014 to 104.79 compared to 101.44 recorded in March 2014. The Manufacturing Index increased by 0.46 percent in June 2014 to 101.11 compared to 100.65 recorded in March 2014. **(Table 1)**

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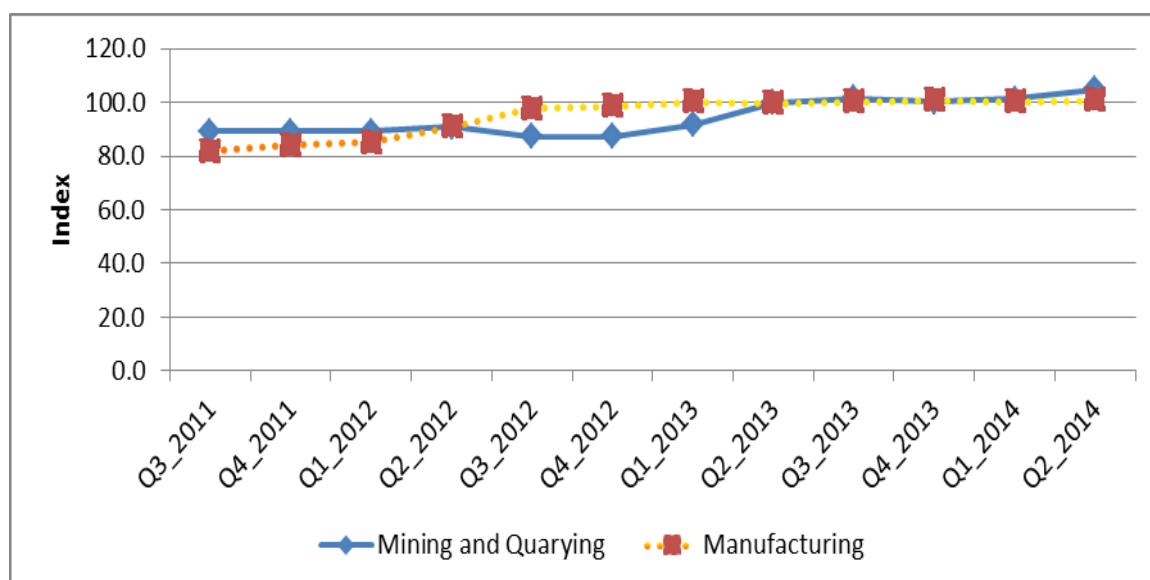
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Table 1: Changes in Producer Price Indices for June, 2014

| | | Weight (2012, CIP) | Q2_2013 | Q1_2014 | Q2_2014 | % Change (Q2_2014)/ (Q1_2014) | % Change (Q2_2014)/ (Q2_2013) |
|----|--|--------------------------|---------|---------|---------|-------------------------------------|-------------------------------------|
| A | TOTAL PPI | 100.0 | 100.00 | 100.68 | 101.25 | 0.57 | 1.25 |
| B | MINING AND QUARRYING | 3.7 | 100.00 | 101.44 | 104.79 | 3.30 | 4.79 |
| 08 | Other Mining and quarrying | 3.7 | 100.00 | 101.44 | 104.79 | 3.30 | 4.79 |
| C | MANUFACTURING | 96.3 | 100.00 | 100.65 | 101.11 | 0.46 | 1.11 |
| 10 | Manufacture of food products | 48.3 | 100.00 | 97.76 | 97.18 | -0.59 | -2.82 |
| 11 | Manufacture of beverages | 11.0 | 100.00 | 88.81 | 88.81 | 0.00 | -11.19 |
| 14 | Manufacture of wearing apparel | 3.1 | 100.00 | 102.30 | 104.03 | 1.69 | 4.03 |
| 15 | Manufacture of leather and related product | 0.8 | 100.00 | 84.34 | 107.72 | 27.72 | 7.72 |
| 18 | Printing and reproduction of recorded media | 3.2 | 100.00 | 110.91 | 111.49 | 0.52 | 11.49 |
| 20 | Manufacture of chemical and chemical product | 5.2 | 100.00 | 100.00 | 104.79 | 4.79 | 4.79 |
| 22 | Manufacture of rubber and plastics products | 0.6 | 100.00 | 103.18 | 103.18 | 0.00 | 3.18 |
| 23 | Manufacture of other non-metallic mineral products | 15.9 | 100.00 | 103.92 | 103.34 | -0.56 | 3.34 |
| 31 | Manufacture of furniture | 8.2 | 100.00 | 124.18 | 128.10 | 3.16 | 28.10 |

Source: Office of Chief Government Statistician

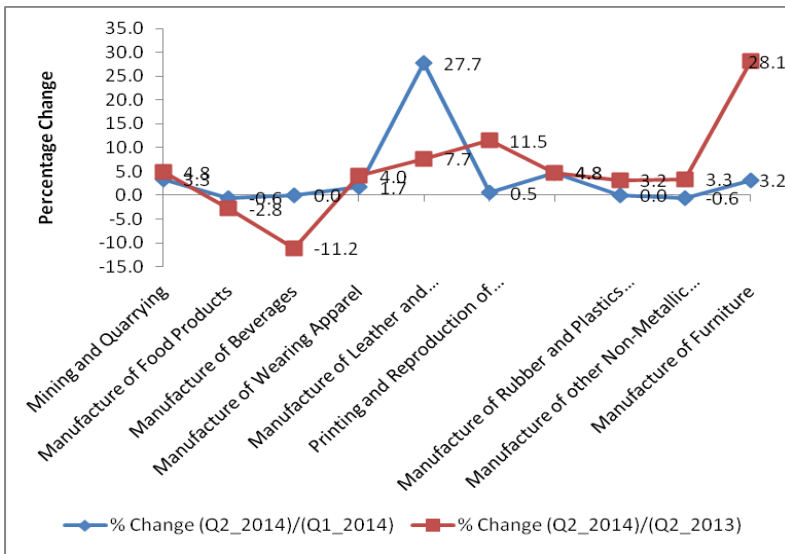
Figure 1: Trend of Mining, Quarrying and Manufacturing Index (Sept 2011 to June 2014)



Source: Office of Chief Government Statistician

The overall Index in Mining, Quarrying and Manufacturing presented in chart 1 shows that the prices of goods in ex-factory or ex-mine site increasing. In March 2011 to March 2014 the index ranged 80.00 to 100.00. In June 2014 the movement of the index for Mining and Quarrying slightly increased to 104.79.

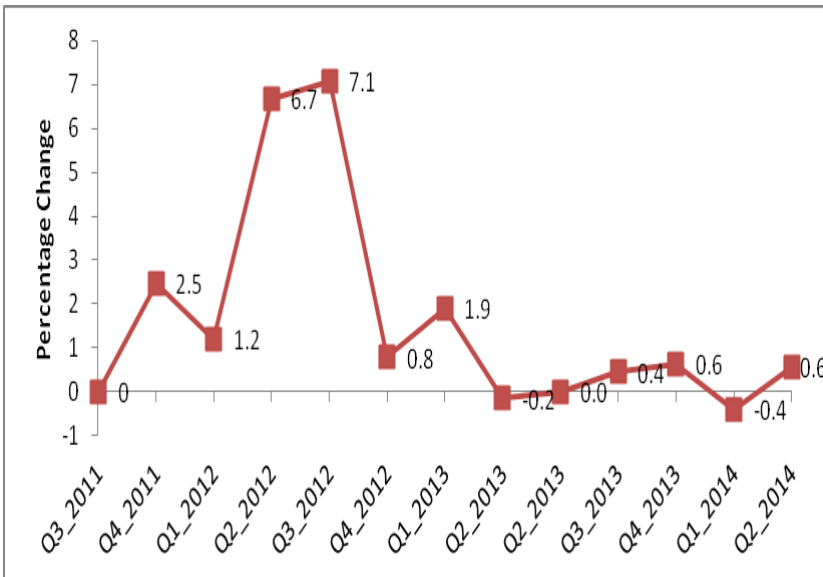
Figure 2: Percentage Change of Index by Division



Source: Office of Chief Government Statistician

The Manufacture of Leather and Related Product increased by 27.7 percent between June 2014 and March 2014. The Manufacture of Furniture increased by 28.1 percent between June 2014 and June 2013. The manufacture of beverages fell by 11.2 percent between June 2014 and June 2013.

Figure 3: Trend of PPI in Manufacturing and Mining (Percentage Change)



Source: Office of Chief Government Statistician

The Manufacturing and Mining increased by 2.5 percent for the year ending December 2014 and 7.1 percent for the year ending September 2012. In year ending June 2013 the index fell by 0.2 percent and in year ending March 2014 the index fell by 0.4 percent

Table 2: Quarterly Producer Price Indices by Division

(Base, Q3_2011 = 100.0)

| | | Weight (2008, CIP) | Q3_2011 | Q4_2011 | Q1_2012 | Q2_2012 | Q3_2012 | Q4_2012 | Q1_2013 | Q2_2013 |
|----------|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| A | PPI INDEX IN GOODS | 100.0 | 100.00 | 102.46 | 103.70 | 110.61 | 118.44 | 119.37 | 121.64 | 121.45 |
| B | MINING AND QUARRYING | 4.3 | 100.00 | 100.00 | 100.00 | 101.97 | 97.77 | 97.77 | 102.80 | 112.10 |
| 08 | Quarrying of stone, sand and clay | 4.3 | 100.00 | 100.00 | 100.00 | 101.97 | 97.77 | 97.77 | 102.80 | 112.10 |
| C | MANUFACTURING | 95.7 | 100.00 | 102.57 | 103.86 | 111.00 | 119.37 | 120.34 | 122.48 | 121.87 |
| 10 | Manufacture of food products | 16.7 | 100.00 | 100.00 | 101.34 | 101.34 | 104.44 | 104.44 | 106.29 | 106.29 |
| 11 | Manufacture of beverages | 20.4 | 100.00 | 100.00 | 98.41 | 110.45 | 110.46 | 111.96 | 111.96 | 119.25 |
| 14 | Manufacture of wearing apparel | 6.0 | 100.00 | 107.62 | 114.34 | 131.51 | 129.65 | 129.65 | 129.65 | 132.76 |
| 18 | Printing and reproduction of recorded media | 11.7 | 100.00 | 100.00 | 100.00 | 114.87 | 167.88 | 167.88 | 167.88 | 167.88 |
| 22 | Manufacture of rubber and plastics products | 2.3 | 100.00 | 106.26 | 111.20 | 109.98 | 115.11 | 115.11 | 115.11 | 115.11 |
| 23 | Manufacture of other non-metallic mineral products | 22.2 | 100.00 | 107.14 | 107.14 | 107.14 | 107.14 | 107.14 | 107.14 | 110.60 |
| 31 | Manufacture of furniture | 16.6 | 100.00 | 101.73 | 106.67 | 116.57 | 124.38 | 128.12 | 138.65 | 120.43 |

Source: Office of Chief Government Statistician

Table 3: Quarterly Producer Price Indices by Division

(Base, Q2_2013 = 100.0)

| | | Weight (2008, CIP) | Q2_2013 | Q3_2011 | Q4_2011 | Q1_2012 | Q2_2012 | Q3_2012 | Q4_2012 | Q1_2013 |
|----|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| A | TOTAL PPI | 100.0 | 100.00 | 82.33 | 84.36 | 85.38 | 91.07 | 97.52 | 98.28 | 100.15 |
| B | MINING AND QUARRYING | 4.3 | 100.00 | 89.21 | 89.21 | 89.21 | 90.96 | 87.22 | 87.22 | 91.70 |
| 08 | Other Mining and quarrying | 4.3 | 100.00 | 89.21 | 89.21 | 89.21 | 90.96 | 87.22 | 87.22 | 91.70 |
| C | MANUFACTURING | 95.7 | 100.00 | 82.05 | 84.17 | 85.22 | 91.08 | 97.95 | 98.74 | 100.50 |
| 10 | Manufacture of food products | 16.7 | 100.00 | 94.08 | 94.08 | 95.34 | 95.34 | 98.26 | 98.26 | 100.00 |
| 11 | Manufacture of beverages | 20.4 | 100.00 | 83.86 | 83.86 | 82.52 | 92.63 | 92.64 | 93.89 | 93.89 |
| 14 | Manufacture of wearing apparel | 6.0 | 100.00 | 75.32 | 81.06 | 86.13 | 99.05 | 97.65 | 97.65 | 97.65 |
| 15 | Manufacture of Leather and related product | | | | | | | | | |
| 18 | Printing and reproduction of recorded media | 11.7 | 100.00 | 59.57 | 59.57 | 59.57 | 68.43 | 100.00 | 100.00 | 100.00 |
| 20 | Manufacture of chemical and chemical product | | | | | | | | | |
| 22 | Manufacture of rubber and plastics products | 2.3 | 100.00 | 59.57 | 59.57 | 59.57 | 68.43 | 100.00 | 100.00 | 100.00 |
| 23 | Manufacture of other non-metallic mineral products | 22.2 | 100.00 | 90.42 | 96.87 | 96.87 | 96.87 | 96.87 | 96.87 | 96.87 |
| 31 | Manufacture of furniture | 16.6 | 100.00 | 83.04 | 84.47 | 88.58 | 96.79 | 103.28 | 106.39 | 115.13 |

Source: Office of Chief Government Statistician

Table 4: Quarterly Producer Price Indices by Division

(Base, Q2_2013 = 100.0)

| | | Weight (2012, CIP) | Q2_2013 | Q3_2013 | Q4_2013 | Q1_2014 | Q2_2014 |
|----------|--|-------------------------------|----------------|----------------|----------------|----------------|----------------|
| A | TOTAL PPI | 100.0 | 100.00 | 100.45 | 101.08 | 100.68 | 101.25 |
| B | MINING AND QUARRYING | 3.7 | 100.00 | 101.73 | 100.12 | 101.44 | 104.79 |
| 08 | Other Mining and quarrying | 3.7 | 100.00 | 101.73 | 100.12 | 101.44 | 104.79 |
| C | MANUFACTURING | 96.3 | 100.00 | 100.40 | 101.12 | 100.65 | 101.11 |
| 10 | Manufacture of food products | 48.3 | 100.00 | 98.44 | 99.42 | 97.76 | 97.18 |
| 11 | Manufacture of beverages | 11.0 | 100.00 | 98.09 | 88.79 | 88.81 | 88.81 |
| 14 | Manufacture of wearing apparel | 3.1 | 100.00 | 102.32 | 102.32 | 102.30 | 104.03 |
| 15 | Manufacture of Leather and related product | 0.8 | 100.00 | 100.00 | 100.00 | 84.34 | 107.72 |
| 18 | Printing and reproduction of recorded media | 3.2 | 100.00 | 106.13 | 106.13 | 110.91 | 111.49 |
| 20 | Manufacture of chemical and chemical product | 5.2 | 100.00 | 100.00 | 100.00 | 100.00 | 104.79 |
| 22 | Manufacture of rubber and plastics products | 0.6 | 100.00 | 100.00 | 103.18 | 103.18 | 103.18 |
| 23 | Manufacture of other non-metallic mineral products | 15.9 | 100.00 | 100.00 | 102.17 | 103.92 | 103.34 |
| 31 | Manufacture of furniture | 8.2 | 100.00 | 113.10 | 123.71 | 124.18 | 128.10 |

Source: Office of Chief Government Statistician

Table 5: Quarterly Producer Price Indices by Division

(Base, Q2_2013 = 100.0)

| ISIC | A | B | 08 | C | 10 | 11 | 14 | 15 | 18 | 20 | 22 | 23 | 31 |
|---------------------------|--------------|----------------------|----------------------------|---------------|------------------------------|--------------------------|--------------------------------|--|---|--|---|--|--------------------------|
| | Total Ppi | Mining and Quarrying | Other Mining and Quarrying | Manufacturing | Manufacture of Food Products | Manufacture of Beverages | Manufacture of Wearing Apparel | Manufacture of Leather and Related Product | Printing and Reproduction of Recorded Media | Manufacture of Chemical and Chemical Product | Manufacture of Rubber and Plastics Products | Manufacture of Other Non-Metallic Mineral Products | Manufacture of Furniture |
| Weight (2008, CIP) | 100.0 | 4.3 | 4.3 | 95.7 | 16.7 | 20.4 | 6.0 | | 11.7 | | 2.3 | 22.2 | 16.6 |
| Q3_2011 | 82.33 | 89.21 | 89.21 | 82.05 | 94.08 | 83.86 | 75.32 | | 59.57 | | 59.57 | 90.42 | 83.04 |
| Q4_2011 | 84.36 | 89.21 | 89.21 | 84.17 | 94.08 | 83.86 | 81.06 | | 59.57 | | 59.57 | 96.87 | 84.47 |
| Q1_2012 | 85.38 | 89.21 | 89.21 | 85.22 | 95.34 | 82.52 | 86.13 | | 59.57 | | 59.57 | 96.87 | 88.58 |
| Q2_2012 | 91.07 | 90.96 | 90.96 | 91.08 | 95.34 | 92.63 | 99.05 | | 68.43 | | 68.43 | 96.87 | 96.79 |
| Q3_2012 | 97.52 | 87.22 | 87.22 | 97.95 | 98.26 | 92.64 | 97.65 | | 100.00 | | 100.00 | 96.87 | 103.28 |
| Q4_2012 | 98.28 | 87.22 | 87.22 | 98.74 | 98.26 | 93.89 | 97.65 | | 100.00 | | 100.00 | 96.87 | 106.39 |
| Q1_2013 | 100.15 | 91.70 | 91.70 | 100.50 | 100.00 | 93.89 | 97.65 | | 100.00 | | 100.00 | 96.87 | 115.13 |
| Q2_2013 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | | 100.00 | | 100.00 | 100.00 | 100.00 |
| Weight (2012, CIP) | 100.0 | 3.7 | 3.7 | 96.3 | 48.3 | 11.0 | 3.1 | 0.8 | 3.2 | 5.2 | 0.6 | 15.9 | 8.2 |
| Q2_2013 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Q3_2013 | 100.45 | 101.73 | 101.73 | 100.40 | 98.44 | 98.09 | 102.32 | 100.00 | 106.13 | 100.00 | 100.00 | 100.00 | 113.10 |
| Q4_2013 | 101.08 | 100.12 | 100.12 | 101.12 | 99.42 | 88.79 | 102.32 | 100.00 | 106.13 | 100.00 | 103.18 | 102.17 | 123.71 |
| Q1_2014 | 100.68 | 101.44 | 101.44 | 100.65 | 97.76 | 88.81 | 102.30 | 84.34 | 110.91 | 100.00 | 103.18 | 103.92 | 124.18 |
| Q2_2014 | 101.25 | 104.79 | 104.79 | 101.11 | 97.18 | 88.81 | 104.03 | 107.72 | 111.49 | 104.79 | 103.18 | 103.34 | 128.10 |