



# Newsletter Producer Price Index (PPI) April, 2010



Republic of Ghana

Ghana Statistical Service  
(GSS)

P. O. Box GP 1098 Accra

May 26, 2010

For further details of the bulletin, contact: Tel. 021-682640/682639

## Producer Price Inflation declines for four consecutive months in 2010. April rate is 17.46 %

### The Producer Price Index

The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers for the production of their goods and services. The PPI for Ghana reports the price indices with reference to September 2006, the base period. This release shows the producer price growth since September 2006, as well as the annual (point-to-point) and monthly inflation rates, for all industry and three major sub-sectors of industry (Mining and Quarrying, Manufacturing, and Utilities).

### April 2010 Producer Inflation

In April 2010 the Price Index with reference to the base period (September 2006) was 191.38, after recording 190.57 in March 2010. This translates to a monthly change rate (i.e., the percentage change in the PPI between March 2010 and April 2010) of **0.42** percent, after recording 0.01 percent in March 2010 (Table 1).

**Table 1: PPI March and April 2010**

| Month | Index<br>Sept'06 =100 | Change rate (%) |         |
|-------|-----------------------|-----------------|---------|
|       |                       | Monthly         | Yearly  |
| March | 190.57                | r 0.01          | r 19.07 |
| April | 191.38                | 0.42            | 17.46   |

r: revised

The respective yearly change (i.e., the percentage change in the PPI between April 2010 and April 2009) was **17.46** percent, indicating a 1.61

percentage points lower than that for March 2010 (Table 1).

**Table 2: PPI and Inflation by Sectors for April 2010 (September 2006=100)**

| Sector             | Index  | Change rate (%) |        |
|--------------------|--------|-----------------|--------|
|                    |        | Monthly         | Yearly |
| Mining & Quarrying | 324.14 | 0.88            | 25.86  |
| Manufacturing      | 176.01 | 0.11            | 19.57  |
| Utilities          | 159.42 | -0.01           | 0.09   |
| INDUSTRY           | 191.38 | 0.42            | 17.46  |

r: revised

Manufacturing, the largest industrial sub-sector (with 69.75 percent share of all industry), recorded an inflation rate of 19.57 percent.

Mining and Quarrying (with 13.97 percent share of all industry) recorded inflation rate of 25.86 percent. The sub-sector also recorded the highest monthly change rate.

Utilities, (which includes production, transmission and distribution of electricity; collection, purification and distribution of water), recorded 0.09 percent inflation.

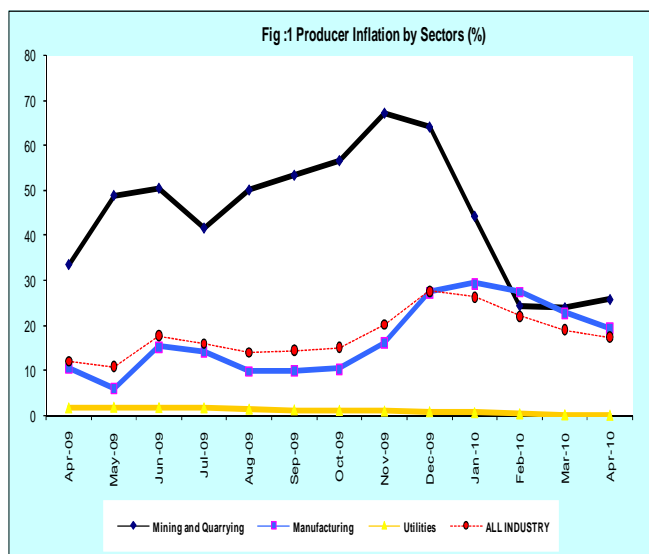
### Trends

Inflation for April 2010 was higher than the rate recorded in the same period in 2009 (12.17%).

The all industry year-on-year average inflation for the first four months of 2010 was 21.25 percent.

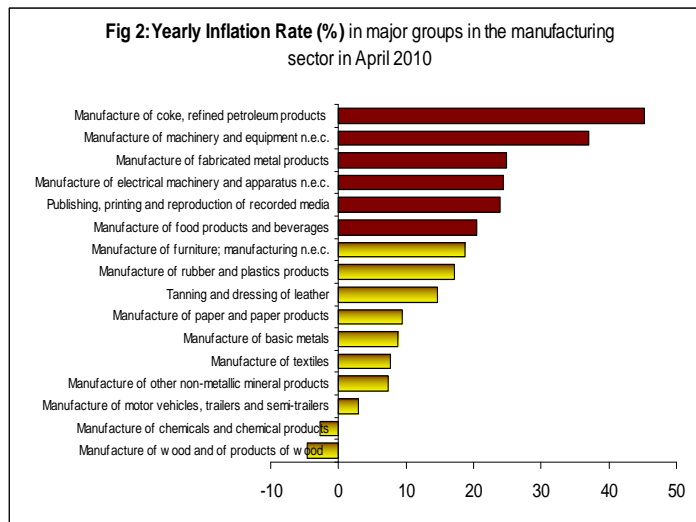
During the 12-month period (April 2009 to April 2010), the all industry recorded the highest inflation rate in December 2009 (27.71 percent). However, the rates have been declining since January 2010.

Between April 2009 and April 2010, mining and quarrying sub sector exhibited the highest inflation rate, except in February 2010, when the manufacturing sector recorded the highest (figure 1). The utilities subsector continues to record the lowest price change due to the regulated pricing of its output.



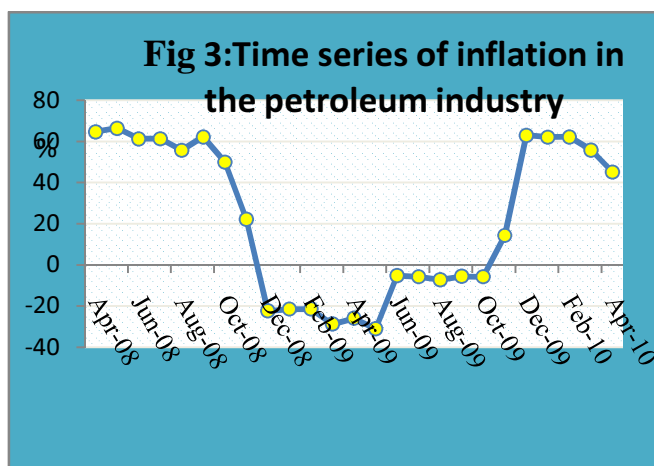
### Manufacturing Sector

In this sector, there was a substantial inflation in the manufacture of coke and refined petroleum products (45.22%), while manufacture of wood and of products of wood and cork and manufacture of chemicals and chemical products recorded negative inflation rates of 4.63 and 2.70 percent respectively. Six out of sixteen groups recorded inflation rates higher than the manufacturing sector average (figure 2).



### Petroleum Price Index

Change rates in this group have had a major influence on the manufacturing sector. Between January 2009 and October 2009, producer inflation in this industry recorded a negative rate. It however recorded a positive rate thereafter, with the highest rate for the last 12-month period being December 2009 (63.04%). This industry recorded a 2009 yearly average producer inflation of -6.67 percent. The rate for April 2010 was 10.69 percentage points lower than the March 2010 figure.

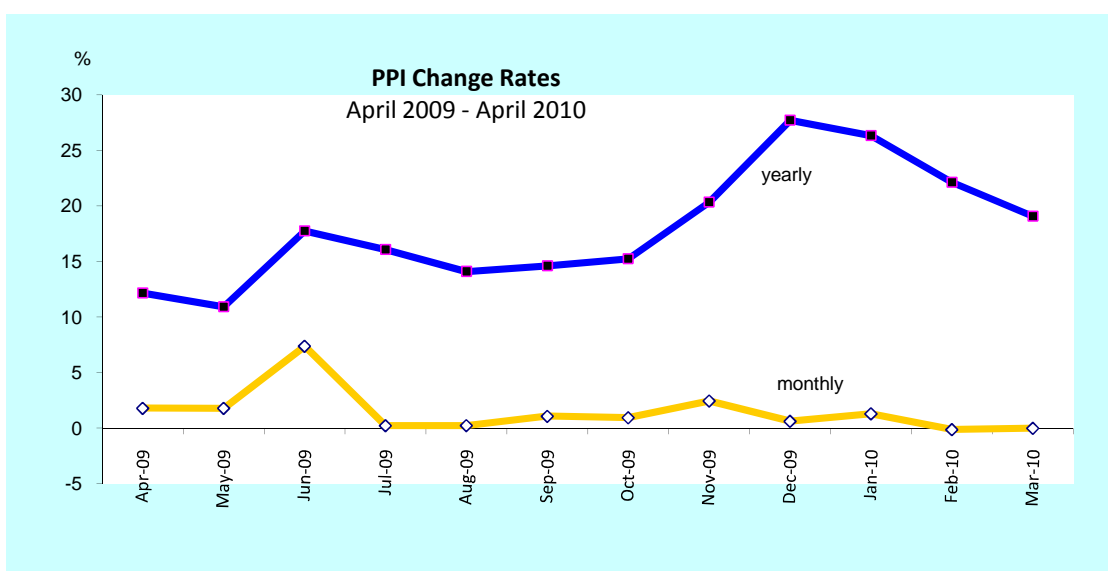


Copies of the Newsletter may be obtained from the information desk of Statistical Service or the GSS website at [statsghana.gov.gh](http://statsghana.gov.gh). For details of the PPI and for any further explanation, please contact the Industrial Statistics Section of the Statistical Service or call 021-682640/39.

## Annex 1: Producer Price Index

| Year / Month | Index level   | Monthly         | Yearly  |
|--------------|---------------|-----------------|---------|
|              | Sept 2006=100 | Change Rate (%) |         |
| 2007 Average | 113.41        | 2.41            | .       |
| 2008 Average | 149.44        | 0.79            | 32.36   |
| 2009 Average | 172.54        | 2.08            | 15.40   |
| April-09     | 162.94        | 1.80            | 12.17   |
| May-09       | 165.87        | 1.80            | 10.94   |
| June-09      | 178.12        | 7.38            | 17.77   |
| July-09      | 178.54        | 0.24            | 16.09   |
| August-09    | 178.98        | 0.25            | 14.12   |
| September-09 | 180.92        | 1.08            | 14.63   |
| October-09   | 182.64        | 0.95            | 15.26   |
| November-09  | 187.14        | 2.46            | 20.36   |
| December-09  | 188.32        | 0.63            | 27.71   |
| January-10   | 190.78        | 1.30            | 26.34   |
| February-10  | 190.56        | -0.11           | 22.13   |
| March-10     | r 190.57      | r 0.01          | r 19.07 |
| April-10     | 191.38        | 0.42            | 17.46   |

r: revised



Source: Ghana Statistical Service (GSS)

## Annex 2: Producer Price Index by Sectors

| Year / Month             | Mining and<br>Quarrying | Manufacturing | Utilities | ALL INDUSTRY |
|--------------------------|-------------------------|---------------|-----------|--------------|
| Index (2006=100)         |                         |               |           |              |
| April-09                 | 257.54                  | 147.20        | 159.28    | 162.94       |
| May-09                   | 276.27                  | 148.66        | 159.55    | 165.87       |
| June-09                  | 283.34                  | 164.09        | 159.62    | 178.12       |
| July-09                  | 287.93                  | 163.72        | 159.80    | 178.54       |
| August-09                | 289.41                  | 164.08        | 159.73    | 178.98       |
| September-09             | 297.93                  | 165.60        | 159.64    | 180.92       |
| October-09               | 308.75                  | 166.52        | 159.63    | 182.64       |
| November-09              | 321.48                  | 171.08        | 159.50    | 187.14       |
| December-09              | 326.39                  | 171.89        | 159.49    | 188.32       |
| January-10               | 323.22                  | 175.63        | 159.46    | 190.78       |
| February-10              | 316.89                  | 176.26        | 159.47    | 190.56       |
| March-10                 | r 321.30                | r 175.81      | r 159.43  | r 190.57     |
| April-10                 | 324.14                  | 176.01        | 159.42    | 191.38       |
| Monthly Change Rates (%) |                         |               |           |              |
| April-09                 | -0.58                   | 2.92          | 0.11      | 1.80         |
| May-09                   | 7.27                    | 0.99          | 0.17      | 1.80         |
| June-09                  | 2.56                    | 10.38         | 0.05      | 7.38         |
| July-09                  | 1.62                    | -0.22         | 0.11      | 0.24         |
| August-09                | 0.51                    | 0.22          | -0.05     | 0.25         |
| September-09             | 2.94                    | 0.93          | -0.06     | 1.08         |
| October-09               | 3.63                    | 0.56          | -0.00     | 0.95         |
| November-09              | 4.12                    | 2.74          | -0.08     | 2.46         |
| December-09              | 1.53                    | 0.47          | -0.01     | 0.63         |
| January-10               | -0.97                   | 2.18          | -0.02     | 1.30         |
| February-10              | -1.96                   | 0.36          | 0.01      | -0.11        |
| March-10                 | r 1.39                  | r -0.25       | r -0.03   | r 0.01       |
| April-10                 | 0.88                    | 0.11          | -0.01     | 0.42         |
| Yearly Change Rates (%)  |                         |               |           |              |
| April-09                 | 33.61                   | 10.60         | 1.73      | 12.17        |
| May-09                   | 48.88                   | 6.11          | 1.87      | 10.94        |
| June-09                  | 50.46                   | 15.38         | 1.80      | 17.77        |
| July-09                  | 41.65                   | 14.35         | 1.78      | 16.09        |
| August-09                | 50.07                   | 9.99          | 1.49      | 14.12        |
| September-09             | 53.33                   | 10.11         | 1.30      | 14.63        |
| October-09               | 56.56                   | 10.50         | 1.21      | 15.26        |
| November-09              | 67.05                   | 16.29         | 1.02      | 20.36        |
| December-09              | 63.99                   | 27.48         | 0.88      | 27.71        |
| January-10               | 44.25                   | 29.48         | 0.66      | 26.34        |
| February-10              | 24.48                   | 27.64         | 0.42      | 22.13        |
| March-10                 | r 24.04                 | r 22.92       | r 0.20    | r 19.07      |
| April-10                 | 25.86                   | 19.57         | 0.09      | 17.46        |

Source: Ghana Statistical Service (GSS)

### Annex 3: Producer Price Index by Sectors /Industry Groups

| ISIC CODE | INDUSTRY GROUP (ISIC DESCRIPTION)   | WEIGHTS (%)   | INDEX LEVEL (September 2006 = 100) |        | MONTHLY INFLATION RATE (%) |        | ANNUAL INFLATION RATE (%) |        |
|-----------|---|---------------|------------------------------------|--------|----------------------------|--------|---------------------------|--------|
|           |   |               | Mar-10                             | Apr-10 | Mar-10                     | Apr-10 | Mar-10                    | Apr-10 |
|           | All Industries  | 100.00        | 190.57                             | 191.38 | 0.01                       | 0.42   | r 19.07                   | 17.46  |
| C         | Mining and quarrying  | 13.97         | 321.30                             | 324.14 | 1.39                       | 0.88   | 24.04                     | 25.86  |
| D         | Manufacturing   | 69.75         | 175.81                             | 176.01 | -0.25                      | 0.11   | r 22.92                   | 19.57  |
| E         | Electricity, and water supply (Utilities)   | 16.28         | 159.43                             | 159.42 | -0.03                      | -0.01  | 0.20                      | 0.09   |
| <b>C</b>  | <b>Mining and quarrying</b>   | <b>100.00</b> |                                    |        |                            |        |                           |        |
| C13       | Mining of metal ores  | 95.01         | 336.70                             | 339.80 | 1.35                       | 0.92   | 26.13                     | 28.08  |
| C132      | Mining of non-ferrous metal ores, except uranium and thorium ores   | 95.01         | 336.70                             | 339.80 | 1.35                       | 0.92   | 26.13                     | 28.08  |
| C14       | Other mining and quarrying  | 4.99          | 100.21                             | 100.21 | 2.54                       | 0.00   | -18.16                    | -18.46 |
| C141      | Quarrying of stone, sand and clay   | 3.42          | 93.06                              | 93.06  | 3.19                       | 0.00   | -21.32                    | -21.67 |
| C142      | Mining and quarrying n.e.c.   | 0.87          | 134.01                             | 134.01 | 0.00                       | 0.00   | -4.50                     | -4.50  |
| <b>D</b>  | <b>Manufacturing</b>  | <b>100.00</b> |                                    |        |                            |        |                           |        |
| D15       | Manufacture of food products and beverages  | 25.64         | 199.22                             | 199.25 | -0.15                      | 0.02   | 21.04                     | 20.41  |
| D151      | Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats   | 4.60          | 216.31                             | 217.55 | 0.29                       | 0.57   | 14.87                     | 11.79  |
| D152      | Manufacture of dairy products   | 4.31          | 169.89                             | 169.89 | 0.00                       | 0.00   | 20.38                     | 19.64  |
| D153      | Manufacture of grain mill products, starches and starch products, and prepared animal feeds                                     | 4.66          | 226.81                             | 226.90 | 0.00                       | 0.04   | 3.68                      | 3.87   |
| D154      | Manufacture of other food products  | 4.80          | 174.64                             | 169.10 | -0.11                      | -3.17  | 19.94                     | 17.28  |
| D155      | Manufacture of beverages  | 7.27          | 217.36                             | 217.36 | -0.62                      | 0.00   | 39.00                     | 39.03  |
| D17       | Manufacture of textiles   | 4.27          | 148.71                             | 148.71 | 0.00                       | 0.00   | 7.65                      | 7.65   |
| D171      | Spinning, weaving and finishing of textiles   | 4.28          | 148.71                             | 148.71 | 0.00                       | 0.00   | 7.65                      | 7.65   |
| D19       | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear                               | 0.12          | 207.66                             | 218.93 | -4.31                      | 5.43   | 10.11                     | 14.56  |
| D192      | Manufacture of footwear   | 0.12          | 207.66                             | 218.93 | -4.31                      | 5.43   | 10.11                     | 14.56  |
| D20       | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 9.03          | 181.42                             | 183.07 | -6.72                      | 0.91   | -12.03                    | -4.63  |
| D201      | Sawmilling and planing of wood  | 4.94          | 191.02                             | 191.02 | -8.73                      | 0.00   | -19.30                    | -18.67 |
| D202      | Manufacture of products of wood, cork, straw and plaiting materials   | 4.10          | 149.36                             | 155.26 | 0.12                       | 3.95   | 21.79                     | 14.73  |
| D21       | Manufacture of paper and paper products   | 0.62          | 147.37                             | 151.12 | 0.14                       | 2.54   | 7.18                      | 9.39   |
| D210      | Manufacture of paper and paper products   | 0.62          | 147.37                             | 151.12 | 0.14                       | 2.54   | 7.18                      | 9.39   |
| D22       | Publishing, printing and reproduction of recorded media   | 1.14          | 227.25                             | 229.44 | 0.01                       | 0.96   | 22.81                     | 24.02  |
| D221      | Publishing  | 0.40          | 243.20                             | 243.20 | 0.00                       | 0.00   | 46.14                     | 46.14  |
| D222      | Printing and service activities related to printing   | 0.74          | 218.98                             | 222.25 | 0.00                       | 1.49   | 11.68                     | 13.40  |
| D23       | Manufacture of coke, refined petroleum products and nuclear fuel  | 22.94         | 159.73                             | 159.71 | -0.12                      | -0.01  | 55.91                     | 45.22  |
| D232      | Manufacture of refined petroleum products   | 22.94         | 159.73                             | 159.71 | -0.12                      | -0.01  | 55.91                     | 45.22  |

| ISIC CODE | INDUSTRY GROUP (ISIC DESCRIPTION)   | WEIGHTS (%)   | INDEX LEVEL (September 2006 = 100) |        | MONTHLY INFLATION RATE (%) |        | ANNUAL INFLATION RATE (%) |        |
|-----------|---|---------------|------------------------------------|--------|----------------------------|--------|---------------------------|--------|
|           |   |               | Mar-10                             | Apr-10 | Mar-10                     | Apr-10 | Mar-10                    | Apr-10 |
| D24       | Manufacture of chemicals and chemical products  | 10.15         | 154.73                             | 145.40 | -0.00                      | -6.03  | 2.60                      | -2.70  |
| D241      | Manufacture of basic chemicals  | 0.54          | 227.85                             | 227.85 | -0.20                      | 0.00   | 18.31                     | 18.31  |
| D242      | Manufacture of other chemical products  | 9.45          | 154.77                             | 145.00 | 0.00                       | -6.31  | 2.44                      | -3.12  |
| D243      | Manufacture of man-made fibres  | 0.16          | 109.63                             | 109.63 | 0.00                       | 0.00   | 0.01                      | 0.01   |
| D25       | Manufacture of rubber and plastics products   | 3.90          | 153.72                             | 152.40 | 1.48                       | -0.86  | 19.29                     | 17.14  |
| D251      | Manufacture of rubber products  | 0.76          | 186.15                             | 182.76 | 5.21                       | -1.82  | 65.89                     | 62.16  |
| D252      | Manufacture of plastics products  | 3.14          | 146.87                             | 145.95 | 0.79                       | -0.62  | 10.28                     | 8.41   |
| D26       | Manufacture of other non-metallic mineral products  | 8.20          | 177.56                             | 177.58 | 0.00                       | 0.01   | 13.19                     | 7.41   |
| D269      | Manufacture of non-metallic mineral products n.e.c.   | 8.20          | 177.56                             | 177.58 | 0.00                       | 0.01   | 13.19                     | 7.41   |
| D27       | Manufacture of basic metals   | 5.02          | 159.71                             | 162.09 | -0.11                      | 1.49   | 7.78                      | 8.83   |
| D271      | Manufacture of basic iron and steel   | 2.02          | 178.99                             | 184.19 | 0.00                       | 2.91   | 0.08                      | 2.87   |
| D272      | Manufacture of basic precious and non-ferrous metals  | 2.65          | 147.12                             | 147.06 | -0.19                      | -0.04  | 14.57                     | 13.60  |
| D28       | Manufacture of fabricated metal products, except machinery and equipment                        | 3.70          | 256.03                             | 269.62 | 0.84                       | 5.31   | 28.49                     | 24.93  |
| D281      | Manufacture of structural metal products, tanks, reservoirs and steam generators                | 1.55          | 278.52                             | 277.53 | 2.16                       | -0.35  | 38.73                     | 32.80  |
| D289      | Manufacture of other fabricated metal products; metalworking service activities                 | 2.15          | 242.60                             | 263.27 | 0.00                       | 8.52   | 22.44                     | 18.99  |
| D29       | Manufacture of machinery and equipment n.e.c.   | 0.42          | 278.34                             | 278.34 | 0.00                       | 0.00   | 37.02                     | 37.02  |
| D292      | Manufacture of special-purpose machinery  | 0.42          | 278.34                             | 278.34 | 0.00                       | 0.00   | 37.02                     | 37.02  |
| D31       | Manufacture of electrical machinery and apparatus n.e.c.  | 0.41          | 124.54                             | 146.01 | 9.57                       | 17.23  | 13.78                     | 24.49  |
| D313      | Manufacture of insulated wire and cable   | 0.41          | 124.54                             | 146.01 | 9.57                       | 17.23  | 13.78                     | 24.49  |
| D34       | Manufacture of motor vehicles, trailers and semi-trailers                                       | 0.05          | 186.67                             | 183.65 | -1.36                      | -1.62  | 7.62                      | 2.91   |
| D342      | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers | 0.05          | 186.67                             | 183.65 | -1.36                      | -1.62  | 7.62                      | 2.91   |
| D36       | Manufacture of furniture; manufacturing n.e.c.  | 2.44          | 191.43                             | 191.62 | 0.05                       | 0.09   | 19.26                     | 18.80  |
| D361      | Manufacture of furniture  | 2.33          | 191.68                             | 191.86 | 0.04                       | 0.10   | 19.30                     | 18.85  |
| D369      | Manufacturing n.e.c.  | 0.11          | 184.63                             | 184.63 | 0.26                       | 0.00   | 18.90                     | 18.22  |
| <b>E</b>  | <b>Utilities</b>  | <b>100.00</b> |                                    |        |                            |        |                           |        |
| E40       | Electricity and water supply  | 93.25         | 157.30                             | 157.29 | -0.03                      | -0.01  | 0.22                      | 0.09   |
| E401      | Production, transmission and distribution of electricity  | 93.25         | 157.30                             | 157.29 | -0.03                      | -0.01  | 0.22                      | 0.09   |
| E41       | Collection, purification and distribution of water  | 6.75          | 192.98                             | 192.98 | 0.00                       | 0.00   | 0.00                      | 0.00   |
| E410      | Collection, purification and distribution of water  | 6.75          | 192.98                             | 192.98 | 0.00                       | 0.00   | 0.00                      | 0.00   |

Source: Ghana Statistical Service (GSS)