



GHANA STATISTICAL SERVICE (GSS)
Statistics for Development and Progress

Statistical Bulletin

(PRODUCER PRICE INDEX PPI)
March, 2017

Ghana Statistical Service (GSS)

Statistical Bulletin

PRODUCER PRICE INDEX (PPI)

March, 2017

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Producer Price Index (PPI)
March 2017

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HIGHLIGHTS FOR MARCH 2017

Producer Price Inflation Rate in March 2017 is 6.0%

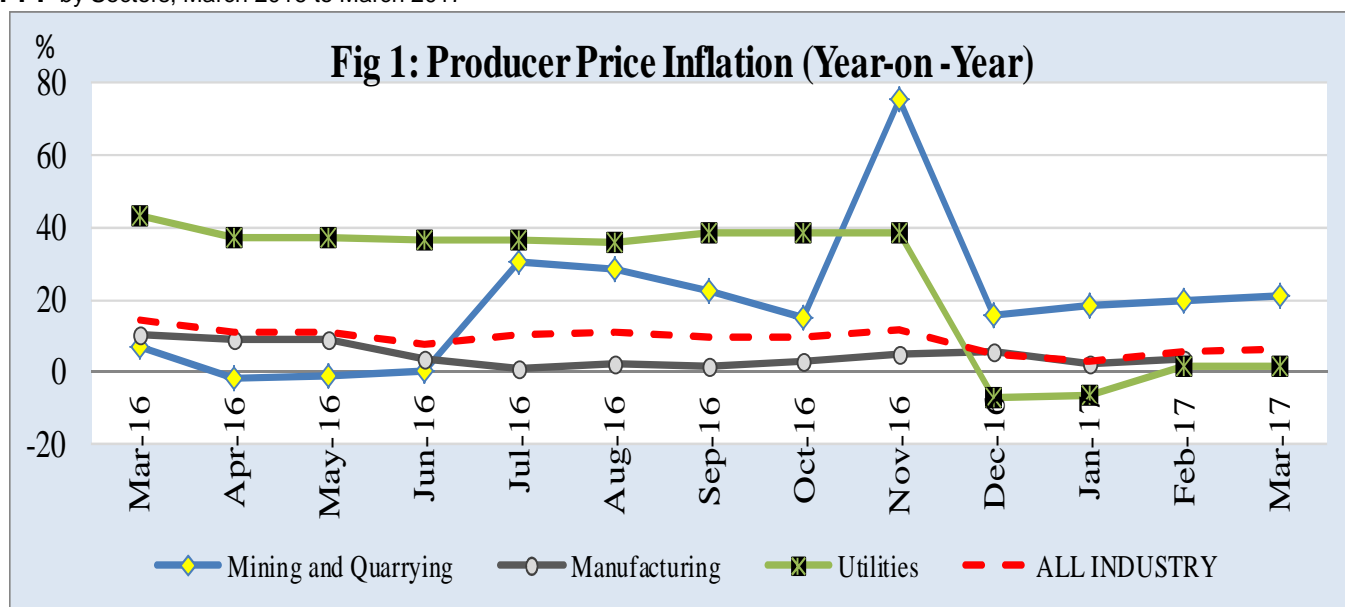
The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers for the production of their goods and services. The PPI for Ghana reports the producer price indices with reference to September 2006, the base period. This release shows the annual (year-on-year) and monthly producer inflation rates for all industry and three major sub-sectors of industry (Mining and Quarrying, Manufacturing and Utilities) for the last twelve months. The figures for the month of March 2017 are provisional, and are subject to revision when additional data become available. All other indicators are final.

The Producer Price Inflation rate for March 2017 was 6.0 percent. This rate indicates that, between March 2016 and March 2017 (year-on-year), the PPI increased by 6.0 percent. This rate represents a 0.6 percentage point increase in producer inflation relative to the rate recorded in February 2017 (5.4%). The month-on-month change in producer price index between February 2017 and March 2017 was 1.4 percent.

The producer price inflation in the Mining and Quarrying sub-sector increased by 1.1 percentage points over the February 2017 rate of 19.7 percent to record 20.8 percent in March 2017. The producer inflation for Manufacturing, which constitutes more than two-thirds of total industry, increased by 0.5 percentage points to record 4.0 percent. The Utilities sub-sector recorded an inflation rate of 1.5 percent in March 2017 indicating an increase of 0.2 percentage point over the February 2017 rate.

During the month of March 2017, eleven out of the sixteen major groups in the manufacturing sub-sector recorded inflation rates higher than the sector average of 4.0 percent. Manufacture of electrical and machinery and apparatus n.e.c recorded the highest inflation rate of 21.2 percent while manufacturing of other non-metallic mineral products recorded the lowest producer price inflation rate of -2.3%

PPI by Sectors; March 2016 to March 2017



Manufacture of coke, refined petroleum products etc: Annual rate was 5.3 percent for March 2017, as compare to 0.4 percent in February 2017.

Manufacture of other non-metallic mineral product: Annual rate was -2.2percent for February 2017, as compared to -2.3 percent in March 2017.

Manufacture of motor vehicles, trailers and semi-trailers: Annual rate was 12.2 percent in March 2017 as compared to 8.4 percent last month.

Electricity and Water Supply: Annual rate is 1.5 percent in March 2017 as compared to 1.3 percent in February 2017

More detailed time series data is posted on the GSS website [www.statsghana.gov.gh].

The next release date is 24th May, 2017

Table 1: Producer Price Index for March 2016 - March 2017

| Year / Month | Index level | Monthly | Yearly |
|--------------|---------------|-----------------|--------|
| | Sept 2006=100 | Change Rate (%) | |
| March-16 | 527.2 | 0.8 | 14.3 |
| April-16 | 526.7 | -0.1 | 11.2 |
| May-16 | 529.9 | 0.6 | 11.0 |
| June-16 | 536.1 | 1.2 | 7.6 |
| July-16 | 541.5 | 1.0 | 10.4 |
| August-16 | 523.4 | -3.3 | 11.0 |
| September-16 | 527.8 | 0.8 | 9.7 |
| October-16 | 525.3 | -0.5 | 9.7 |
| November-16 | 531.7 | 1.2 | 11.9 |
| December-16 | 528.1 | -0.7 | 4.8 |
| January-17 | 539.3 | 2.1 | 3.1 |
| February-17 | 551.3 | 2.2 | 5.4 |
| March-17 | p 558.8 | p 1.4 | p 6.0 |

p: provisional

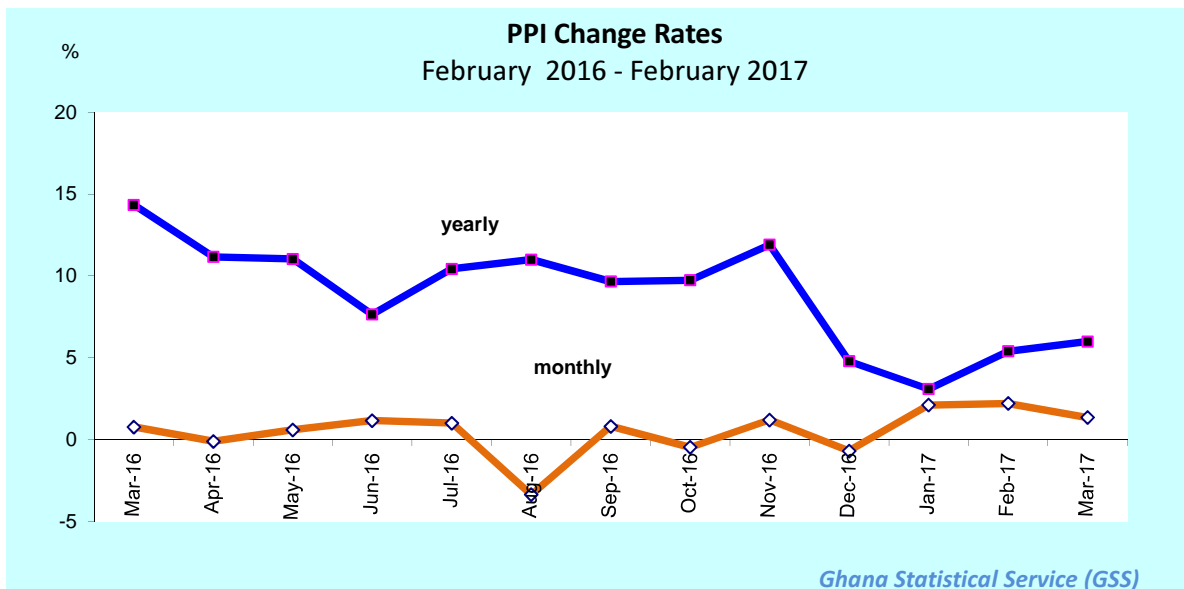


Table 2: Producer Price Index (Sep.2006=100) by sectors for March 2016 - March 2017

| Year / Month | Mining and Quarrying | Manufacturing | Utilities | ALL INDUSTRY |
|----------------|----------------------|---------------|-----------|--------------|
| ISIC | C | D | E | C+D+E |
| March-2016 | 895.4 | 425.1 | 785.9 | 527.2 |
| April-2016 | 884.1 | 425.9 | 785.5 | 526.7 |
| May-2016 | 905.0 | 427.5 | 786.0 | 529.9 |
| June-2016 | 959.0 | 429.2 | 786.2 | 536.1 |
| July-2016 | 1,020.8 | 429.4 | 786.7 | 541.5 |
| August-2016 | 1,019.8 | 408.7 | 786.8 | 523.4 |
| September-2016 | 1,023.4 | 412.8 | 792.5 | 527.8 |
| October-2016 | 983.2 | 413.6 | 792.6 | 525.3 |
| November-2016 | 967.2 | 422.1 | 793.0 | p 531.7 |
| December-2016 | 923.5 | 422.5 | 794.2 | 528.1 |
| January-2017 | 968.8 | 430.9 | 795.6 | 539.3 |
| February-2017 | 1,054.9 | 436.3 | 796.8 | 551.2 |
| March-2017 | p 1,081.4 | p 442.3 | p 797.8 | p 558.8 |

p: provisional

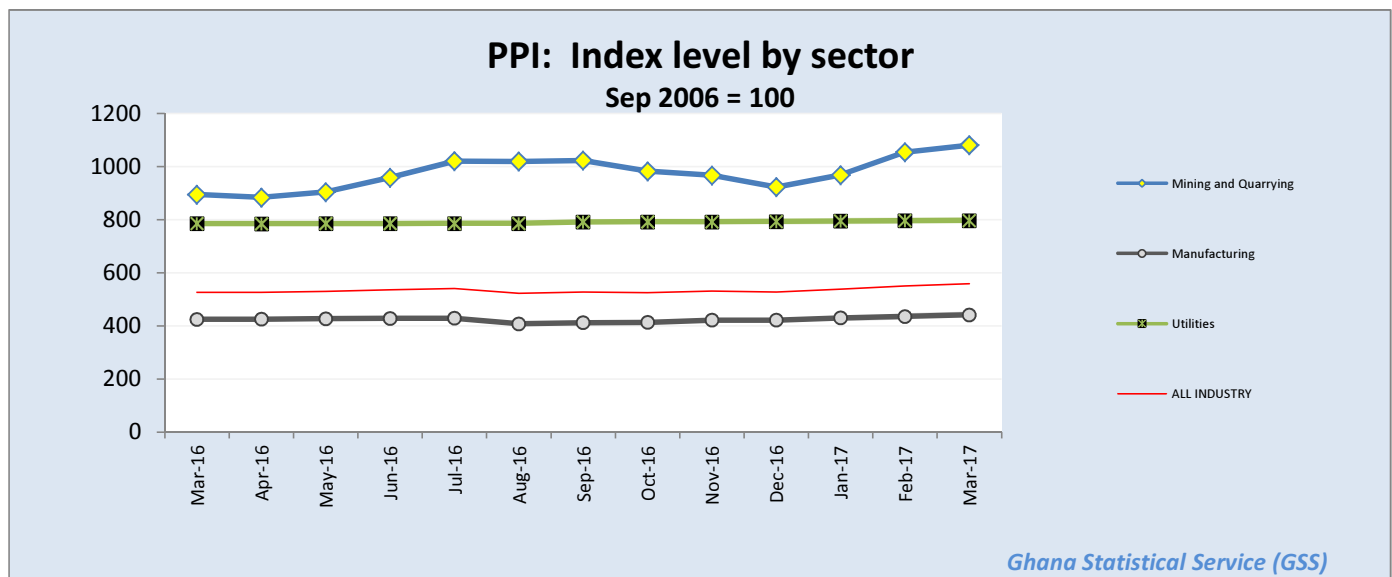


Table 3: Producer Price Index: Yearly Change Rates by Sector for March 2016 - March 2017 (%)

| Year / Month | Mining and Quarrying | Manufacturing | Utilities | ALL INDUSTRY |
|----------------|----------------------|---------------|-----------|--------------|
| | <i>C</i> | <i>D</i> | <i>E</i> | <i>C+D+E</i> |
| | <i>ISIC</i> | | | |
| March-2016 | 6.9 | 10.1 | 43.4 | 14.3 |
| April-2016 | -1.8 | 9.1 | 37.1 | 11.2 |
| May-2016 | -1.4 | 8.8 | 37.0 | 11.0 |
| June-2016 | 0.1 | 3.7 | 36.5 | 7.6 |
| July-2016 | 30.4 | 1.2 | 36.6 | 10.4 |
| August-2016 | 28.4 | 2.4 | 36.0 | 11.0 |
| September-2016 | 22.2 | 1.4 | 38.2 | 9.7 |
| October-2016 | 14.7 | 3.0 | 38.2 | 9.7 |
| November-2016 | 75.4 | 4.9 | 38.3 | 11.9 |
| December-2016 | 15.6 | 5.4 | -7.0 | 4.8 |
| January-2017 | 18.6 | 2.4 | -6.8 | 3.1 |
| February-2017 | 19.7 | 3.5 | 1.3 | 5.4 |
| March-2017 | p 20.8 | p 4.0 | p 1.5 | p 6.0 |

p: provisional

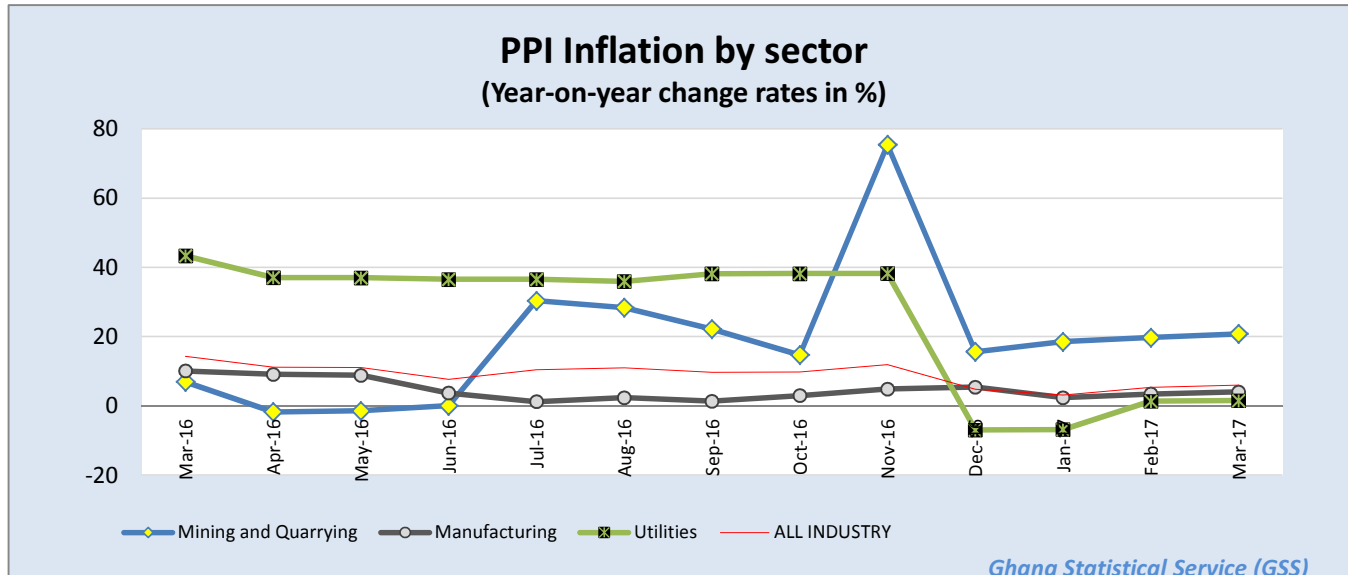


Table 4: Producer Price Index: Monthly Change Rates by Sector for March 2016 - March 2017 (%)

| Year / Month | Mining and Quarrying | Manufacturing | Utilities | ALL INDUSTRY | |
|----------------|----------------------|---------------|-----------|--------------|--------------|
| | <i>ISIC</i> | <i>C</i> | <i>D</i> | <i>E</i> | <i>C+D+E</i> |
| | <i>weight</i> | 13.97 | 69.75 | 16.28 | 100.00 |
| March-2016 | 1.6 | 0.8 | -0.1 | 0.8 | |
| April-2016 | -1.3 | 0.2 | -0.0 | -0.1 | |
| May-2016 | 2.4 | 0.4 | 0.1 | 0.6 | |
| June-2016 | 6.0 | 0.4 | 0.0 | 1.2 | |
| July-2016 | 6.4 | 0.0 | 0.1 | 1.0 | |
| August-2016 | -0.1 | -4.8 | 0.0 | -3.3 | |
| September-2016 | 0.4 | 1.0 | 0.7 | 0.8 | |
| October-2016 | -3.9 | 0.2 | 0.0 | -0.5 | |
| November-2016 | -1.6 | 2.0 | 0.1 | 1.2 | |
| December-2016 | -4.5 | 0.1 | 0.2 | -0.7 | |
| January-2017 | 4.9 | 2.0 | 0.2 | 2.1 | |
| February-2017 | 8.9 | 1.3 | 0.2 | 2.2 | |
| March-2017 | p 2.5 | p 1.4 | p 0.1 | p 1.4 | |

p: provisional

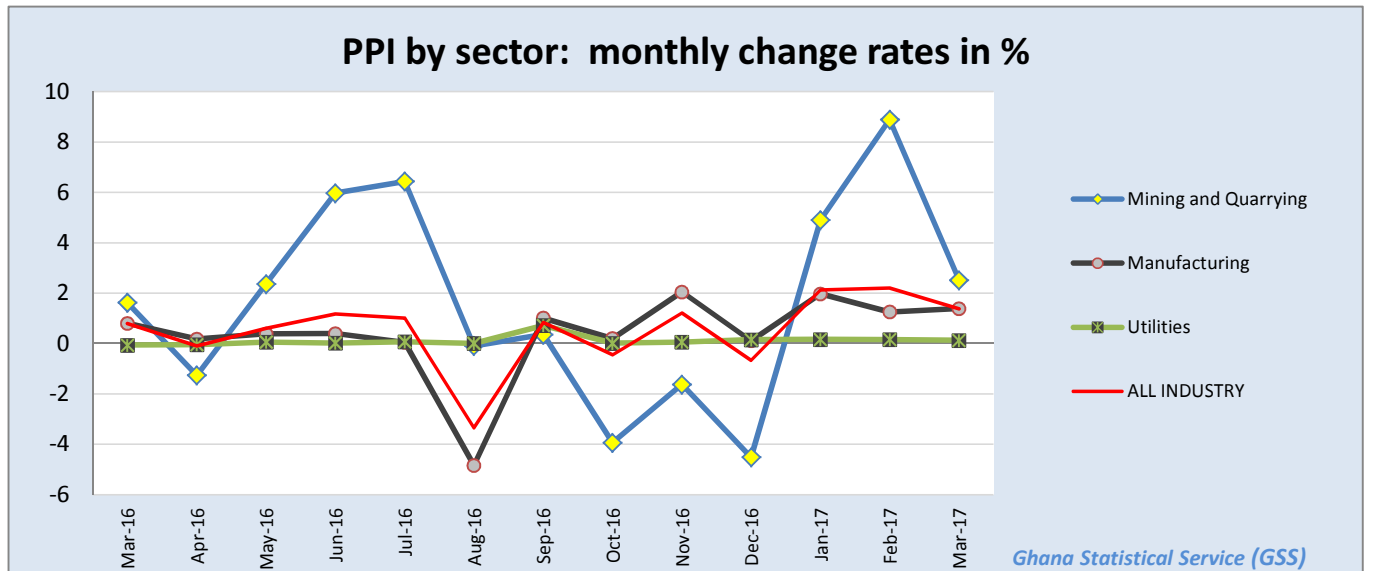


Table 5: Mining And Quarrying: Producer Price Index (Sept 2006=100) March 2016 - March 2017

| Year / Month | Mining and Quarrying | Mining of metal ores | Mining of non-ferrous metal ores | Other mining and quarrying | Quarrying of stone, sand & clay | Mining and quarrying n.e.c. |
|----------------|----------------------|----------------------|----------------------------------|----------------------------|---------------------------------|-----------------------------|
| <i>ISIC</i> | <i>C</i> | <i>C13</i> | <i>C132</i> | <i>C14</i> | <i>C141</i> | <i>C142</i> |
| <i>weight</i> | 100.00 | 95.01 | 95.01 | 4.99 | 3.42 | 0.87 |
| March-2016 | 895.4 | 947.8 | 947.8 | 216.8 | 178.9 | 460.6 |
| April-2016 | 884.1 | 935.2 | 935.2 | 218.1 | 178.9 | 474.3 |
| May-2016 | 905.0 | 957.9 | 957.9 | 220.0 | 180.9 | 474.3 |
| June-2016 | 959.0 | 1017.2 | 1017.2 | 221.1 | 182.0 | 474.3 |
| July-2016 | 1020.8 | 1085.1 | 1085.1 | 223.1 | 184.1 | 474.3 |
| August-2016 | 1019.8 | 1084.0 | 1084.0 | 223.1 | 184.1 | 474.3 |
| September-2016 | 1023.4 | 1087.6 | 1087.6 | 225.0 | 184.1 | 494.9 |
| October-2016 | 983.2 | 1043.2 | 1043.2 | 225.0 | 184.1 | 494.9 |
| November-2016 | 967.2 | 1025.5 | 1025.5 | 225.0 | 184.1 | 494.9 |
| December-2016 | 923.5 | 977.4 | 977.4 | 225.0 | 184.1 | 494.9 |
| January-2017 | 968.8 | 1027.3 | 1027.3 | 225.0 | 184.1 | 494.9 |
| February-2017 | 1054.9 | 1122.4 | 1122.4 | 225.0 | 184.1 | 494.9 |
| March-2017 | p 1081.4 | p 1151.9 | p 1151.9 | p 224.7 | p 183.8 | p 494.9 |

p: provisional

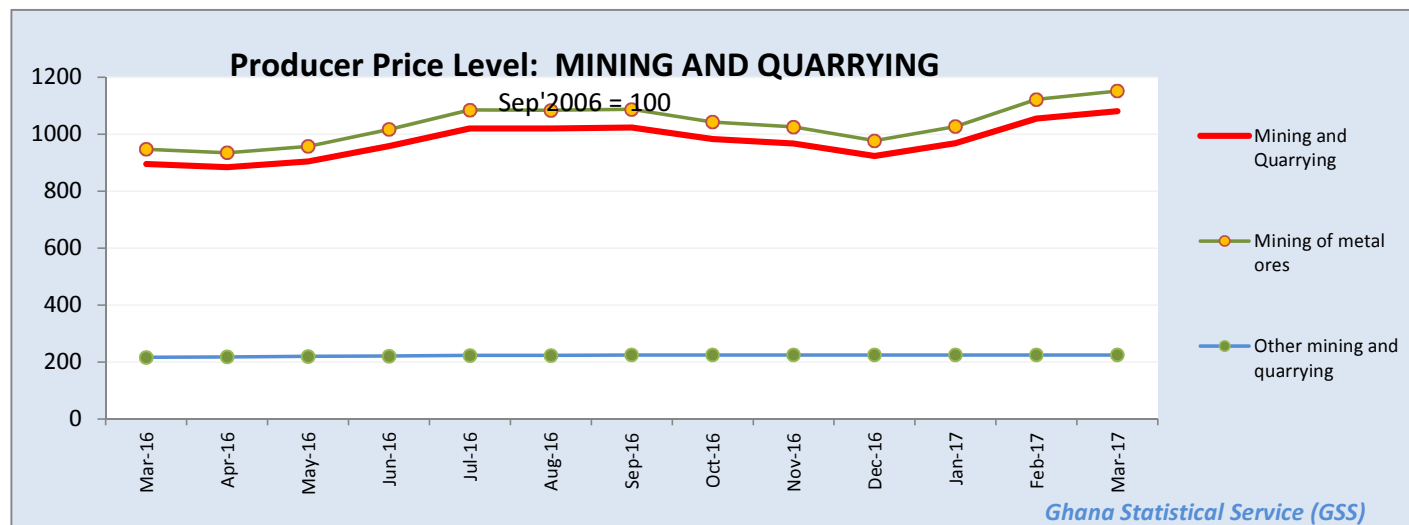


Table 6: Mining and Quarrying: Yearly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Mining and Quarrying | Mining of metal ores | Mining of non-ferrous metal ores | Other mining and quarrying | Quarrying of stone, sand & clay | Mining and quarrying n.e.c. |
|----------------|----------------------|----------------------|----------------------------------|----------------------------|---------------------------------|-----------------------------|
| ISIC | C | C13 | C132 | C14 | C141 | C142 |
| March-2016 | 6.9 | 5.7 | 5.7 | 40.8 | 20.6 | 158.3 |
| April-2016 | -1.8 | -3.2 | -3.2 | 41.6 | 20.6 | 166.0 |
| May-2016 | -1.4 | -2.9 | -2.9 | 42.9 | 21.9 | 166.0 |
| June-2016 | 0.1 | -1.4 | -1.4 | 43.6 | 22.7 | 166.0 |
| July-2016 | 30.4 | 30.3 | 30.3 | 31.5 | 22.9 | 71.7 |
| August-2016 | 28.4 | 28.7 | 28.7 | 21.2 | 22.9 | 15.0 |
| September-2016 | 22.2 | 22.2 | 22.2 | 21.9 | 22.4 | 20.0 |
| October-2016 | 14.7 | 14.4 | 14.4 | 21.9 | 22.4 | 20.0 |
| November-2016 | 75.4 | 19.3 | 19.3 | 21.9 | 22.4 | 20.0 |
| December-2016 | 15.6 | 15.5 | 15.5 | 19.2 | 22.4 | 7.4 |
| January-2017 | 18.6 | 18.5 | 18.5 | 19.2 | 22.4 | 7.4 |
| February-2017 | 19.7 | 19.8 | 19.8 | 19.2 | 22.4 | 7.4 |
| March-2017 | p 20.8 | p 21.5 | p 21.5 | p 3.7 | p 2.7 | p 7.4 |

p: provisional

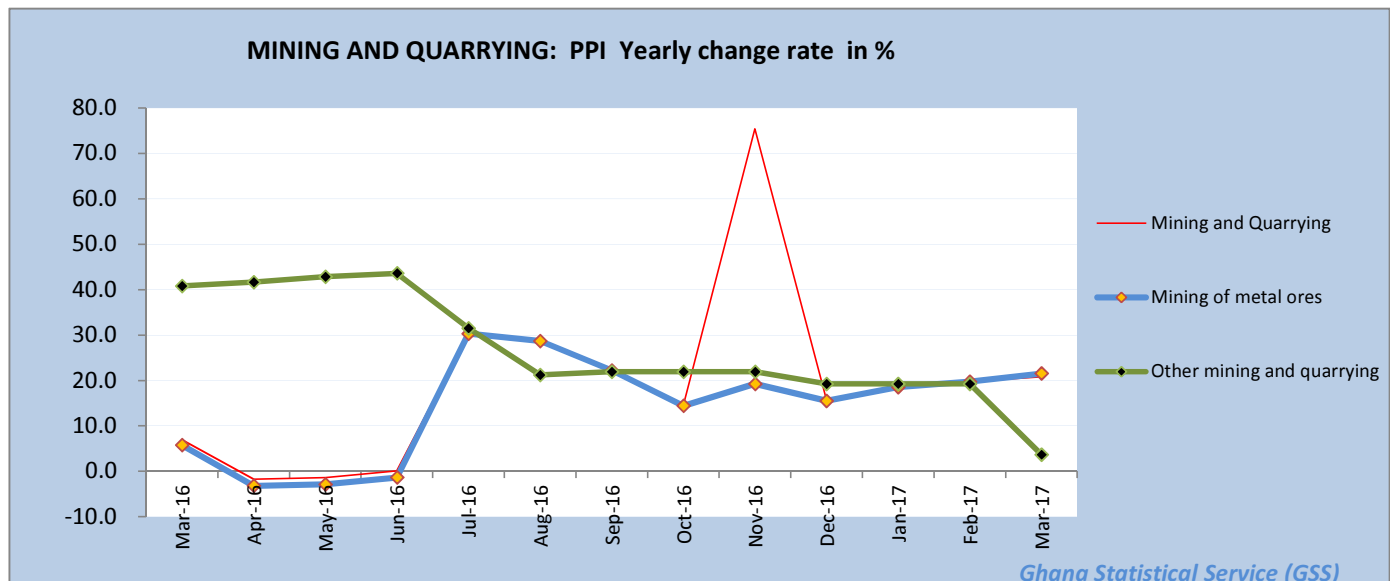


Table 7: Mining and Quarrying: Monthly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Mining and Quarrying | Mining of metal ores | Mining of non-ferrous metal ores | Other mining and quarrying | Quarrying of stone, sand & clay | Mining and quarrying n.e.c. |
|----------------|----------------------|----------------------|----------------------------------|----------------------------|---------------------------------|-----------------------------|
| ISIC | C | C13 | C132 | C14 | C141 | C142 |
| March-2016 | 1.6 | 1.1 | 1.1 | 14.9 | 19.0 | 0.0 |
| April-2016 | -1.3 | -1.3 | -1.3 | 0.6 | 0.0 | 3.0 |
| May-2016 | 2.4 | 2.4 | 2.4 | 0.9 | 1.1 | 0.0 |
| June-2016 | 6.0 | 6.2 | 6.2 | 0.5 | 0.6 | 0.0 |
| July-2016 | 6.4 | 6.7 | 6.7 | 0.9 | 1.1 | 0.0 |
| August-2016 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 |
| September-2016 | 0.4 | 0.3 | 0.3 | 0.9 | 0.0 | 4.3 |
| October-2016 | -3.9 | -4.1 | -4.1 | 0.0 | 0.0 | 0.0 |
| November-2016 | -1.6 | -1.7 | -1.7 | 0.0 | 0.0 | 0.0 |
| December-2016 | -4.5 | -4.7 | -4.7 | 0.0 | 0.0 | 0.0 |
| January-2017 | 4.9 | 5.1 | 5.1 | 0.0 | 0.0 | 0.0 |
| February-2017 | 8.9 | 9.3 | 9.3 | 0.0 | 0.0 | 0.0 |
| March-2017 | p 2.5 | p 2.6 | p 2.6 | p -0.1 | p -0.1 | p 0.0 |

p: provisional

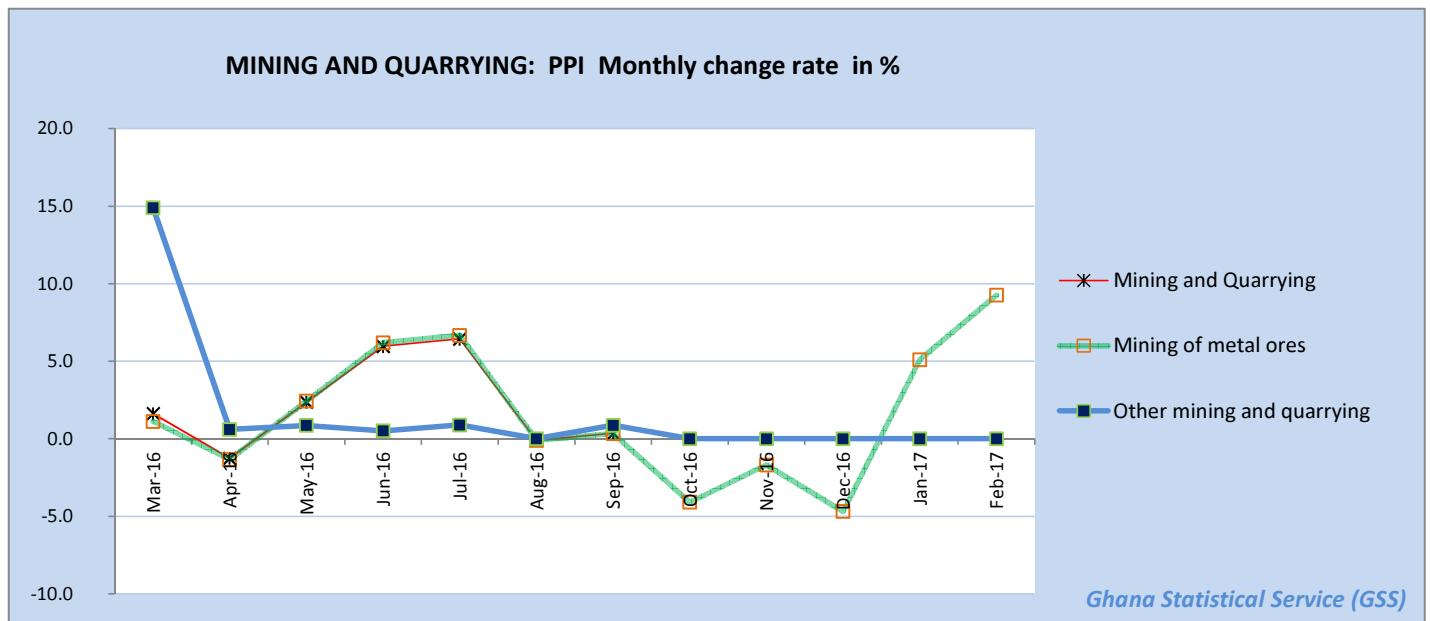


Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2016 - March 2017

| Year / Month | Manufacturing | Manufacture of food products and beverages | Production, processing, preservation of meat, fish, fruit, vegetables, oils and fats | Manufacture of dairy products | Manufacture of grain mill products, starch products, and prepared animal feeds | Manufacture of other food products | Manufacture of beverages | Manufacture of textiles | Spinning, weaving and finishing of textiles |
|----------------|----------------------|---|--|-------------------------------|--|------------------------------------|--------------------------|--------------------------------|---|
| <i>ISIC</i> | D | D15 | <i>D151</i> | <i>D152</i> | <i>D153</i> | <i>D154</i> | <i>D155</i> | D17 | <i>D171</i> |
| <i>weight</i> | 100 | 25.64 | 4.60 | 4.31 | 4.66 | 4.80 | 7.27 | 4.27 | 4.28 |
| March-2016 | 425.1 | 440.9 | 632.6 | 352.0 | 565.1 | 473.7 | 380.0 | 498.7 | 498.7 |
| April-2016 | 425.9 | 434.3 | 583.9 | 352.0 | 547.5 | 476.2 | 382.8 | 499.1 | 499.1 |
| May-2016 | 427.5 | 439.2 | 586.2 | 352.0 | 548.9 | 521.3 | 382.8 | 511.4 | 511.4 |
| June-2016 | 429.2 | 439.5 | 586.0 | 352.0 | 548.9 | 525.5 | 382.8 | 511.8 | 511.8 |
| July-2016 | 429.4 | 440.4 | 596.3 | 352.0 | 548.9 | 522.5 | 382.8 | 511.7 | 511.7 |
| August-2016 | 408.7 | 438.9 | 584.2 | 352.0 | 548.9 | 520.4 | 382.8 | 512.2 | 512.2 |
| September-2016 | 412.8 | 442.1 | 609.1 | 352.0 | 548.9 | 525.1 | 382.8 | 512.2 | 512.2 |
| October-2016 | 413.6 | 441.8 | 606.1 | 352.0 | 548.9 | 525.3 | 382.8 | 511.9 | 511.9 |
| November-2016 | 422.1 | 442.6 | 609.6 | 352.0 | 548.9 | 525.3 | 383.4 | 521.4 | 521.4 |
| December-2016 | 422.5 | 445.0 | 632.3 | 352.0 | 547.2 | 527.1 | 383.4 | 521.6 | 521.6 |
| January-2017 | 430.9 | 449.1 | 645.4 | 352.0 | 547.2 | 540.1 | 388.2 | 522.1 | 522.1 |
| February-2017 | 436.3 | 449.4 | 683.8 | 352.0 | 533.9 | 524.6 | 388.1 | 523.0 | 523.0 |
| March-2017 | p 442.3 | p 451.9 | p 689.7 | p 357.2 | p 533.9 | p 524.8 | p 388.1 | p 523.9 | p 523.9 |

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2016 - March 2017

contd.

| Year / Month | Tanning of leather; manu facture of luggage, etc | Manufacture of footwear | Manufacture of wood an of articles of straw etc. | Sawmilling and planing of wood | Manufacture of products of wood, cork, straw etc. | Manufacture of paper and paper products | Manufacture of paper and paper products | Publishing, printing and reproduction of rec. media | Publishing | Printing and service activities ... |
|----------------|--|-------------------------|--|--------------------------------|---|---|---|---|------------|-------------------------------------|
| ISIC | D19 | D192 | D20 | D201 | D202 | D21 | D210 | D22 | D221 | D222 |
| weight | 0.12 | 0.12 | 9.03 | 4.94 | 4.10 | 0.62 | 0.62 | 1.14 | 0.40 | 0.74 |
| March-2016 | 440.0 | 440.0 | 295.4 | 301.6 | 278.5 | 561.5 | 561.5 | 717.4 | 665.2 | 747.7 |
| April-2016 | 437.3 | 437.3 | 295.3 | 301.6 | 278.3 | 560.9 | 560.9 | 717.1 | 665.2 | 747.2 |
| May-2016 | 442.7 | 442.7 | 295.5 | 301.6 | 279.0 | 561.9 | 561.9 | 717.1 | 665.2 | 747.2 |
| June-2016 | 528.1 | 528.1 | 303.2 | 311.8 | 280.1 | 562.3 | 562.3 | 756.5 | 665.2 | 811.5 |
| July-2016 | 528.1 | 528.1 | 314.9 | 327.2 | 282.4 | 563.5 | 563.5 | 760.1 | 665.2 | 817.4 |
| August-2016 | 528.1 | 528.1 | 341.2 | 364.8 | 282.4 | 565.5 | 565.5 | 760.1 | 665.2 | 817.4 |
| September-2016 | 528.1 | 528.1 | 341.3 | 364.8 | 282.7 | 521.3 | 521.3 | 760.1 | 665.2 | 817.4 |
| October-2016 | 528.1 | 528.1 | 341.0 | 364.8 | 281.7 | 521.3 | 521.3 | 760.1 | 665.2 | 817.4 |
| November-2016 | 531.5 | 531.5 | 339.3 | 364.5 | 281.4 | 529.8 | 529.8 | 760.1 | 665.2 | 817.4 |
| December-2016 | 528.1 | 528.1 | 341.0 | 364.8 | 281.5 | 529.8 | 529.8 | 760.1 | 665.2 | 817.4 |
| January-2017 | 528.1 | 528.1 | 341.2 | 364.8 | 282.2 | 531.5 | 531.5 | 760.1 | 665.2 | 817.4 |
| February-2017 | 528.1 | 528.1 | 341.6 | 364.8 | 283.6 | 533.2 | 533.2 | 756.8 | 665.2 | 811.9 |
| March-2017 | p 528.1 | p 528.1 | p 341.8 | p 364.8 | p 284.1 | p 551.5 | p 551.5 | p 760.1 | p 665.2 | p 817.4 |

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2016 - March 2017

contd.

| Year / Month | Manufacture of coke, refined petroleum products etc. | Manufacture of refined petroleum products | Manufacture of chemicals and chemical products | Manufacture of basic chemicals | Manufacture of other chemical products | Manufacture of man-made fibres | Manufacture of rubber and plastics products | Manufacture of rubber products | Manufacture of plastics products |
|----------------|--|---|--|--------------------------------|--|--------------------------------|---|--------------------------------|----------------------------------|
| ISIC | D23 | D232 | D24 | D241 | D242 | D243 | D25 | D251 | D252 |
| weight | 22.94 | 22.94 | 10.15 | 0.54 | 9.45 | 0.16 | 3.90 | 0.76 | 3.14 |
| March-2016 | 369.9 | 369.9 | 425.0 | 357.8 | 434.6 | 128.8 | 419.1 | 328.5 | 435.4 |
| April-2016 | 384.6 | 384.6 | 421.9 | 359.1 | 431.3 | 128.8 | 417.9 | 322.1 | 435.3 |
| May-2016 | 384.9 | 384.9 | 421.9 | 358.4 | 431.3 | 128.8 | 397.9 | 260.4 | 435.5 |
| June-2016 | 383.1 | 383.1 | 422.5 | 358.4 | 431.9 | 128.8 | 402.4 | 268.3 | 438.7 |
| July-2016 | 377.9 | 377.9 | 422.5 | 359.9 | 431.9 | 128.8 | 402.7 | 268.7 | 439.0 |
| August-2016 | 301.5 | 301.5 | 422.5 | 362.9 | 431.9 | 128.8 | 399.7 | 257.2 | 439.0 |
| September-2016 | 310.8 | 310.8 | 423.1 | 363.4 | 432.5 | 128.8 | 399.8 | 257.6 | 439.1 |
| October-2016 | 306.1 | 306.1 | 448.7 | 361.0 | 459.5 | 128.8 | 400.5 | 260.1 | 439.1 |
| November-2016 | 329.6 | 329.6 | 448.7 | 361.0 | 459.5 | 128.8 | 412.6 | 287.1 | 445.7 |
| December-2016 | 329.2 | 329.2 | 448.7 | 361.0 | 459.5 | 128.8 | 411.0 | 280.8 | 445.7 |
| January-2017 | 352.9 | 352.9 | 449.0 | 366.3 | 459.7 | 128.8 | 411.9 | 280.7 | 446.9 |
| February-2017 | 371.6 | 371.6 | 450.6 | 372.4 | 461.3 | 128.8 | 415.2 | 291.7 | 447.5 |
| March-2017 | p 389.5 | p 389.5 | p 450.6 | p 377.3 | p 461.3 | p 128.8 | p 415.8 | p 293.0 | p 448.0 |

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2016 - March 2017
contd.

| Year / Month | Manufacture of other non-metallic min. products | Manufacture of non-metallic mineral products n.e.c. | Manufacture of basic metals | Manufacture of basic iron and steel | Manufacture of basic precious and non-ferrous metals | Manufacture of fabricated metal products, ... | Manufacture of structural metal products, tanks, reservoirs ... | Manufacture of other fabricated metal products ... | Manufacture of machinery ... n.e.c. | Manufacture of special-purpose machinery |
|----------------|---|---|-----------------------------|-------------------------------------|--|---|---|--|-------------------------------------|--|
| ISIC | D26 | D269 | D27 | D271 | D272 | D28 | D281 | D289 | D29 | D292 |
| weight | 8.20 | 8.20 | 5.02 | 2.02 | 2.65 | 3.70 | 1.55 | 2.15 | 0.42 | 0.42 |
| March-2016 | 494.7 | 494.7 | 361.9 | 383.5 | 346.3 | 615.5 | 517.5 | 696.4 | 714.3 | 714.3 |
| April-2016 | 485.8 | 485.8 | 362.0 | 383.4 | 346.5 | 615.2 | 517.5 | 697.0 | 844.7 | 844.7 |
| May-2016 | 486.4 | 486.4 | 363.0 | 383.7 | 348.1 | 641.7 | 540.3 | 725.4 | 844.7 | 844.7 |
| June-2016 | 489.2 | 489.2 | 363.4 | 383.8 | 348.6 | 650.0 | 550.1 | 732.0 | 844.7 | 844.7 |
| July-2016 | 491.1 | 491.1 | 364.6 | 384.1 | 350.4 | 650.0 | 550.1 | 732.0 | 844.7 | 844.7 |
| August-2016 | 491.0 | 491.0 | 359.1 | 384.3 | 341.1 | 652.5 | 550.1 | 737.0 | 844.7 | 844.7 |
| September-2016 | 489.4 | 489.4 | 367.2 | 384.3 | 354.7 | 651.0 | 547.8 | 737.2 | 844.7 | 844.7 |
| October-2016 | 490.1 | 490.1 | 367.4 | 384.4 | 355.1 | 651.0 | 547.8 | 737.2 | 844.7 | 844.7 |
| November-2016 | 490.1 | 490.1 | 367.6 | 384.4 | 355.2 | 651.6 | 547.8 | 738.4 | 844.7 | 844.7 |
| December-2016 | 490.1 | 490.1 | 370.2 | 385.0 | 359.3 | 651.6 | 547.8 | 738.4 | 844.7 | 844.7 |
| January-2017 | 491.0 | 491.0 | 373.0 | 385.7 | 363.6 | 651.6 | 547.8 | 738.4 | 844.7 | 844.7 |
| February-2017 | 483.3 | 483.3 | 382.7 | 403.1 | 367.9 | 654.6 | 552.8 | 738.4 | 844.7 | 844.7 |
| March-2017 | p 483.3 | p 483.3 | p 392.1 | p 403.6 | p 383.6 | p 654.3 | p 552.8 | p 737.8 | p 844.7 | p 844.7 |

p: provisional

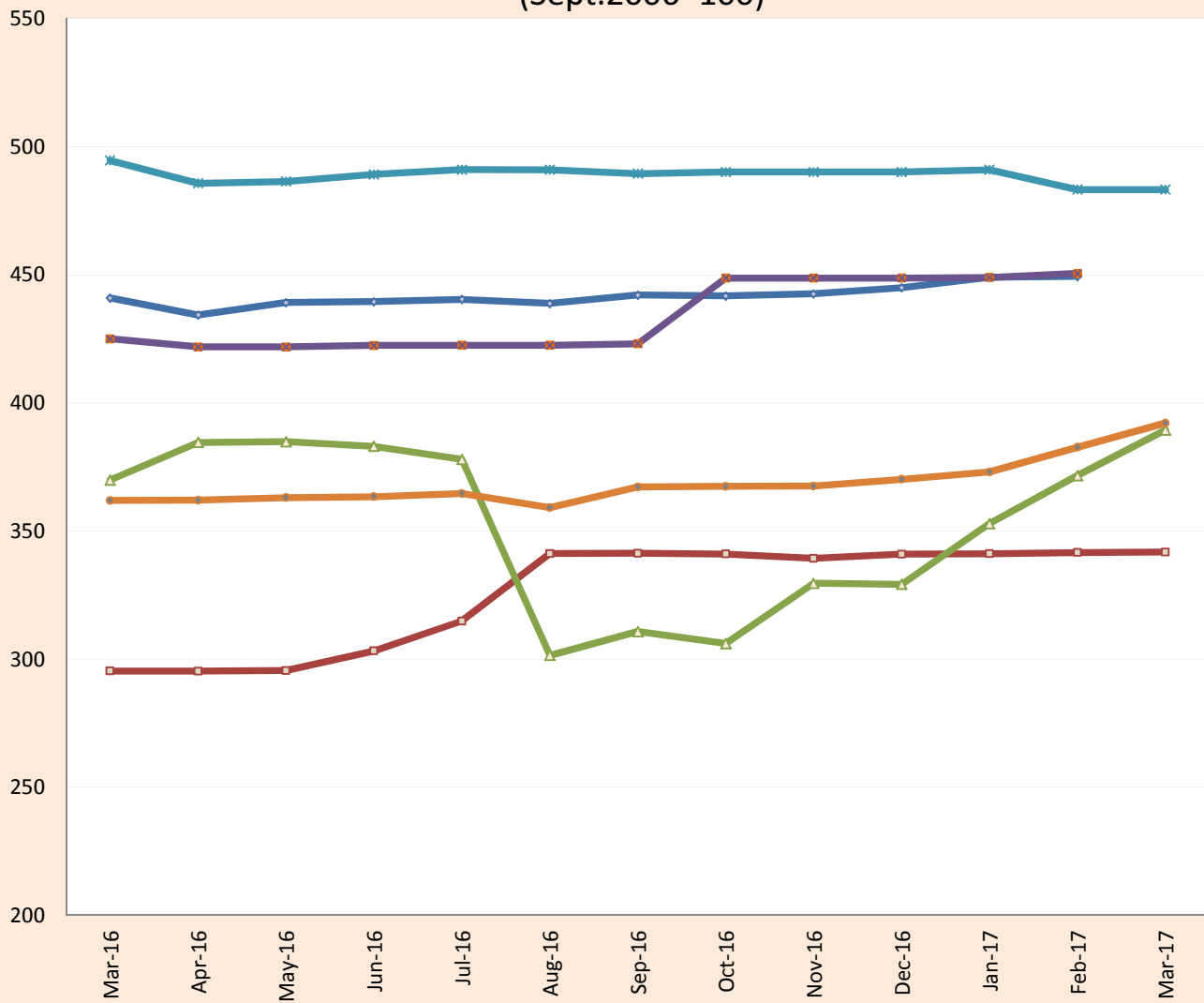
Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2016 - March 2017

contd.

| Year / Month | Manufacture of electrical machinery and apparatus n.e.c. | Manufacture of insulated wire and cable | Manufacture of motor vehicles, trailers and semi-trailers | Manufacture of bodies for motor vehicles, trailers and semi-trailers | Manufacture of furniture; manufacturing n.e.c. | Manufacture of furniture | Manufacturing n.e.c. |
|----------------|--|---|---|--|--|--------------------------|----------------------|
| <i>ISIC</i> | D31 | <i>D313</i> | D34 | <i>D342</i> | D36 | <i>D361</i> | <i>D369</i> |
| <i>weight</i> | 0.41 | <i>0.41</i> | 0.05 | <i>0.05</i> | 2.44 | <i>2.33</i> | <i>0.11</i> |
| March-2016 | 309.0 | 309.0 | 413.2 | 413.2 | 606.9 | 607.0 | 604.6 |
| April-2016 | 380.3 | 380.3 | 418.8 | 418.8 | 579.1 | 578.7 | 590.5 |
| May-2016 | 380.3 | 380.3 | 417.1 | 417.1 | 579.1 | 578.8 | 590.4 |
| June-2016 | 380.3 | 380.3 | 421.7 | 421.7 | 591.5 | 590.5 | 626.1 |
| July-2016 | 381.3 | 381.3 | 420.6 | 420.6 | 591.6 | 590.6 | 626.1 |
| August-2016 | 381.3 | 381.3 | 427.5 | 427.5 | 591.2 | 590.2 | 626.1 |
| September-2016 | 381.3 | 381.3 | 428.7 | 428.7 | 591.2 | 590.2 | 626.1 |
| October-2016 | 381.3 | 381.3 | 423.1 | 423.1 | 594.9 | 594.0 | 626.1 |
| November-2016 | 373.1 | 373.1 | 414.5 | 414.5 | 595.5 | 594.6 | 626.1 |
| December-2016 | 373.1 | 373.1 | 417.8 | 417.8 | 596.8 | 595.9 | 626.1 |
| January-2017 | 373.2 | 373.2 | 435.3 | 435.3 | 596.8 | 595.9 | 626.1 |
| February-2017 | 373.3 | 373.3 | 449.6 | 449.6 | 597.1 | 595.9 | 638.5 |
| March-2017 | p 374.5 | p 374.5 | p 463.4 | p 463.4 | p 597.3 | p 595.9 | p 645.7 |

p: provisional

PPI for Selected Subgroups in the Manufacturing Sector (Sept.2006=100)



- ◆ Manufacture of food products and beverages
- Manufacture of wood and articles of straw etc.
- ▲ Manufacture of coke, refined petroleum products etc.
- Manufacture of chemicals and chemical products
- ◆ Manufacture of other non-metallic min. products
- Manufacture of basic metals

Ghana Statistical Service (GSS)

Table 9: Manufacturing: Yearly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Manufacturing | Manufacture of food products and beverages | Production, processing, preservation of meat, fish, fruit, vegetables, oils and fats | Manufacture of dairy products | Manufacture of grain mill products, starch products, and prepared animal feeds | Manufacture of other food products | Manufacture of beverages | Manufacture of textiles | Spinning, weaving and finishing of textiles |
|----------------|----------------------|---|--|-------------------------------|--|------------------------------------|--------------------------|--------------------------------|---|
| <i>ISIC</i> | D | D15 | <i>D151</i> | <i>D152</i> | <i>D153</i> | <i>D154</i> | <i>D155</i> | D17 | <i>D171</i> |
| <i>weight</i> | 100 | 25.64 | 4.60 | 4.31 | 4.66 | 4.80 | 7.27 | 4.27 | 4.28 |
| March-2016 | 10.1 | 2.0 | 2.2 | -0.6 | 7.6 | 28.1 | -7.7 | 14.8 | 14.8 |
| April-2016 | 9.1 | -0.2 | -10.0 | -0.6 | 5.9 | 26.0 | -7.0 | 12.0 | 12.0 |
| May-2016 | 8.8 | -0.5 | -10.3 | -0.6 | 6.2 | 22.0 | -7.0 | 14.8 | 14.8 |
| June-2016 | 3.7 | -1.9 | -16.2 | 0.0 | 6.2 | 19.1 | -7.8 | 9.6 | 9.6 |
| July-2016 | 1.2 | 1.9 | -0.3 | 0.0 | 0.1 | 19.0 | -0.1 | 6.2 | 6.2 |
| August-2016 | 2.4 | -0.2 | -7.6 | 0.0 | -2.9 | 15.4 | -0.1 | 6.3 | 6.3 |
| September-2016 | 1.4 | 1.5 | 3.1 | 0.0 | -2.9 | 15.0 | -0.1 | 5.5 | 5.5 |
| October-2016 | 3.0 | 1.1 | 0.7 | 0.0 | -2.9 | 15.1 | -0.1 | 6.2 | 6.2 |
| November-2016 | 4.9 | 0.9 | 1.0 | 0.0 | -2.9 | 12.8 | -0.4 | 7.7 | 7.7 |
| December-2016 | 5.4 | 1.9 | 4.1 | 0.0 | -3.2 | 13.2 | 1.7 | 7.6 | 7.6 |
| January-2017 | 2.4 | 2.7 | 5.3 | 0.0 | -3.2 | 15.3 | 3.0 | 7.7 | 7.7 |
| February-2017 | 3.4 | 2.5 | 11.0 | 0.0 | -5.5 | 11.9 | 2.1 | 7.9 | 7.9 |
| March-2017 | p 4.0 | p 2.5 | p 9.0 | p 1.5 | p -5.5 | p 10.8 | p 2.1 | p 5.1 | p 5.1 |

p: provisional

Table 9: Manufacturing Producer Price Index Yearly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Tanning of leather; manufacture of luggage, etc | Manufacture of footwear | Manufacture of wood and of articles of straw etc. | Sawmilling and planing of wood | Manufacture of products of wood, cork, straw etc. | Manufacture of paper and paper products | Manufacture of paper and paper products | Publishing, printing and reproduction of rec. media | Publishing | Printing and service activities ... |
|----------------|---|-------------------------|---|--------------------------------|---|---|---|---|-------------|-------------------------------------|
| <i>ISIC</i> | D19 | <i>D192</i> | D20 | <i>D201</i> | <i>D202</i> | D21 | <i>D210</i> | D22 | <i>D221</i> | <i>D222</i> |
| <i>weight</i> | 0.12 | <i>0.12</i> | 9.03 | <i>4.94</i> | <i>4.10</i> | 0.62 | <i>0.62</i> | 1.14 | <i>0.40</i> | <i>0.74</i> |
| March-2016 | 35.2 | 35.2 | 29.9 | 35.9 | 15.1 | 47.0 | 47.0 | 20.1 | 0.0 | 32.7 |
| April-2016 | 34.3 | 34.3 | 29.4 | 35.5 | 15.0 | 41.9 | 41.9 | -5.7 | 0.0 | -15.0 |
| May-2016 | 36.0 | 36.0 | 29.5 | 35.5 | 15.3 | 41.9 | 41.9 | -5.7 | 0.0 | -15.0 |
| June-2016 | 39.4 | 39.4 | 32.6 | 40.2 | 14.8 | 33.5 | 33.5 | -0.5 | 0.0 | -7.7 |
| July-2016 | 39.4 | 39.4 | 38.3 | 47.4 | 16.4 | 34.4 | 34.4 | 6.2 | 0.0 | 9.7 |
| August-2016 | 39.4 | 39.4 | 58.4 | 77.2 | 15.3 | 33.2 | 33.2 | 5.1 | 0.0 | 7.9 |
| September-2016 | 39.0 | 39.0 | 58.1 | 77.2 | 14.6 | 4.8 | 4.8 | 6.7 | 0.0 | 10.6 |
| October-2016 | 39.0 | 39.0 | 48.9 | 64.5 | 12.4 | 4.9 | 4.9 | 6.7 | 0.0 | 10.5 |
| November-2016 | 39.9 | 39.9 | 48.1 | 64.3 | 12.2 | 6.6 | 6.6 | 6.7 | 0.0 | 10.5 |
| December-2016 | 39.0 | 39.0 | 43.6 | 57.3 | 10.9 | 60.9 | 60.9 | 6.7 | 0.0 | 10.5 |
| January-2017 | 39.0 | 39.0 | 15.8 | 21.0 | 2.3 | 1.9 | 1.9 | 5.9 | 0.0 | 9.3 |
| February-2017 | 39.0 | 39.0 | 15.8 | 21.0 | 2.4 | -0.9 | -0.9 | 5.5 | 0.0 | 8.6 |
| March-2017 | p 20.0 | p 20.0 | p 15.7 | p 21.0 | p 2.0 | p -1.8 | p -1.8 | p 5.9 | p 0.0 | p 9.3 |

p: provisional

Table 9: Manufacturing: Yearly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Manufacture of coke, refined petroleum products etc. | Manufacture of refined petroleum products | Manufacture of chemicals and chemical products | Manufacture of basic chemicals | Manufacture of other chemical products | Manufacture of man-made fibres | Manufacture of rubber and plastic products | Manufacture of rubber products | Manufacture of plastics products |
|----------------|--|---|--|--------------------------------|--|--------------------------------|--|--------------------------------|----------------------------------|
| <i>ISIC</i> | D23 | D232 | D24 | D241 | D242 | D243 | D25 | D251 | D252 |
| <i>weight</i> | 22.94 | 22.94 | 10.15 | 0.54 | 9.45 | 0.16 | 3.90 | 0.76 | 3.14 |
| March-2016 | 2.9 | 2.9 | 45.0 | 0.0 | 46.3 | 17.5 | 13.0 | 35.4 | 7.2 |
| April-2016 | 6.5 | 6.5 | 36.1 | 0.4 | 37.0 | 17.5 | 12.2 | 31.4 | 6.9 |
| May-2016 | 6.1 | 6.1 | 36.3 | 0.2 | 37.2 | 17.5 | 4.0 | -4.6 | 6.0 |
| June-2016 | -4.7 | -4.7 | 30.4 | 0.2 | 31.1 | 17.5 | -3.9 | -9.0 | -2.8 |
| July-2016 | -19.3 | -19.3 | 29.2 | 0.6 | 29.9 | 17.5 | 0.3 | -8.8 | 2.3 |
| August-2016 | -16.3 | -16.3 | 28.7 | 1.4 | 29.3 | 17.5 | -1.1 | -14.0 | 1.9 |
| September-2016 | -14.8 | -14.8 | 5.2 | 1.6 | 5.0 | 17.5 | -0.1 | -13.6 | 3.1 |
| October-2016 | -7.4 | -7.4 | 11.5 | 0.9 | 11.6 | 17.5 | -2.5 | -20.4 | 3.1 |
| November-2016 | -0.2 | -0.2 | 10.4 | 0.9 | 10.4 | 17.5 | 0.4 | -12.3 | 4.6 |
| December-2016 | -0.1 | -0.1 | 9.5 | 0.9 | 9.5 | 17.5 | 0.4 | -11.2 | 4.6 |
| January-2017 | -6.9 | -6.9 | 9.6 | 2.4 | 9.6 | 17.5 | 0.2 | -14.3 | 4.9 |
| February-2017 | 0.4 | 0.4 | 8.4 | 4.1 | 8.3 | 17.5 | -0.9 | -10.9 | 2.8 |
| March-2017 | p 5.3 | p 5.3 | p 6.0 | p 5.5 | p 6.1 | p 0.0 | p -0.8 | p -10.8 | p 2.9 |

p: provisional

Table 9: Manufacturing: Yearly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Manufacture of other non-metallic min. products | Manufacture of non-metallic mineral products n.e.c. | Manufacture of basic metals | Manufacture of basic iron and steel | Manufacture of basic precious and non-ferrous metals | Manufacture of fabricated metal products, ... | Manufacture of structural metal products, tanks, reservoirs ... | Manufacture of other fabricated metal products ... | Manufacture of machinery ... n.e.c. | Manufacture of special-purpose machinery |
|----------------|---|---|-----------------------------|-------------------------------------|--|---|---|--|-------------------------------------|--|
| <i>ISIC</i> | D26 | D269 | D27 | D271 | D272 | D28 | D281 | D289 | D29 | D292 |
| <i>weight</i> | 8.20 | 8.20 | 5.02 | 2.02 | 2.65 | 3.70 | 1.55 | 2.15 | 0.42 | 0.42 |
| March-2016 | 7.8 | 7.8 | -4.6 | -17.7 | 6.8 | 20.0 | 9.0 | 28.5 | 0.0 | 0.0 |
| April-2016 | 8.9 | 8.9 | -1.4 | -9.0 | 4.7 | 10.7 | -3.6 | 22.5 | 18.2 | 18.2 |
| May-2016 | 9.1 | 9.1 | -1.6 | -9.0 | 4.4 | 12.9 | -2.7 | 25.7 | 18.3 | 18.3 |
| June-2016 | 3.0 | 3.0 | -4.9 | -8.7 | -1.9 | 8.1 | -4.7 | 18.5 | 18.3 | 18.3 |
| July-2016 | 1.8 | 1.8 | -2.3 | -5.5 | 0.2 | 14.2 | 8.2 | 18.6 | 18.3 | 18.3 |
| August-2016 | 1.8 | 1.8 | -5.7 | -5.9 | -5.5 | 14.5 | 8.2 | 19.1 | 18.3 | 18.3 |
| September-2016 | 2.1 | 2.1 | -1.6 | -5.8 | 1.7 | 13.7 | 7.1 | 18.7 | 18.3 | 18.3 |
| October-2016 | 2.2 | 2.2 | -1.4 | -5.7 | 2.0 | 1.0 | -6.3 | 7.3 | 18.3 | 18.3 |
| November-2016 | 2.2 | 2.2 | -0.8 | -5.7 | 3.2 | 1.1 | -6.3 | 7.5 | 18.3 | 18.3 |
| December-2016 | 1.5 | 1.5 | 5.3 | 5.2 | 5.5 | 7.1 | 6.7 | 7.5 | 18.3 | 18.3 |
| January-2017 | 2.8 | 2.8 | 4.0 | 0.6 | 6.6 | 6.2 | 6.7 | 6.0 | 18.3 | 18.3 |
| February-2017 | -2.2 | -2.2 | 5.9 | 5.1 | 6.5 | 6.7 | 7.7 | 6.0 | 18.3 | 18.3 |
| March-2017 | p -2.3 | p -2.3 | p 8.3 | p 5.2 | p 10.8 | p 6.3 | p 6.8 | p 5.9 | p 18.3 | p 18.3 |

p: provisional

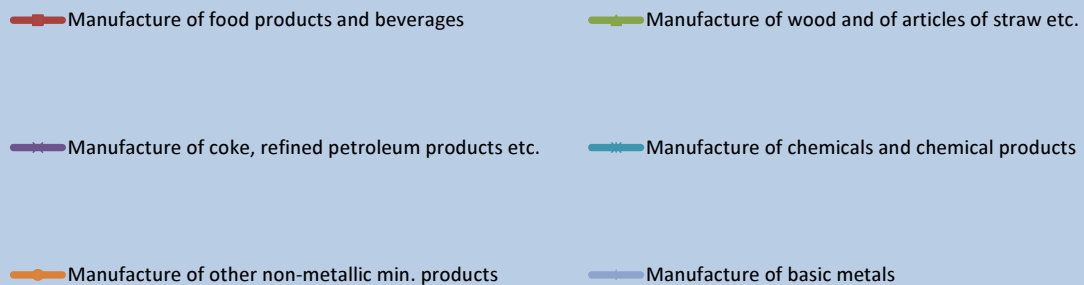
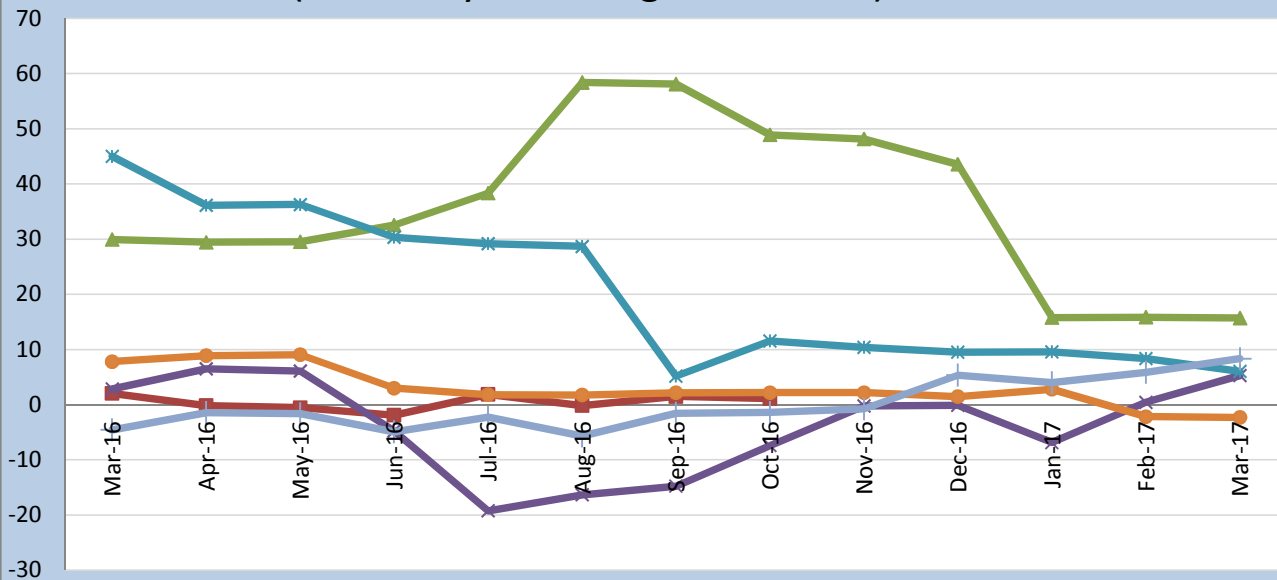
Table 9: Manufacturing: Yearly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Manufacture of electrical machinery and apparatus n.e.c. | Manufacture of insulated wire and cable | Manufacture of motor vehicles, trailers and semi-trailers | Manufacture of bodies for motor vehicles, trailers and semi-trailers | Manufacture of furniture; manufacturing n.e.c. | Manufacture of furniture | Manufacturing n.e.c. |
|----------------|--|---|---|--|--|--------------------------|----------------------|
| <i>ISIC</i> | D31 | <i>D313</i> | D34 | <i>D342</i> | D36 | <i>D361</i> | <i>D369</i> |
| <i>weight</i> | 0.41 | <i>0.41</i> | 0.05 | <i>0.05</i> | 2.44 | <i>2.33</i> | <i>0.11</i> |
| March-2016 | 10.6 | 10.6 | 9.8 | 9.8 | 20.3 | 20.2 | 24.6 |
| April-2016 | 36.1 | 36.1 | 5.4 | 5.4 | 14.7 | 14.6 | 21.6 |
| May-2016 | 36.1 | 36.1 | -0.8 | -0.8 | 13.9 | 13.7 | 21.6 |
| June-2016 | 34.9 | 34.9 | -7.3 | -7.3 | 10.6 | 10.1 | 29.0 |
| July-2016 | 27.6 | 27.6 | 18.3 | 18.3 | 11.2 | 10.8 | 29.0 |
| August-2016 | 27.6 | 27.6 | 14.6 | 14.6 | 10.5 | 10.0 | 29.0 |
| September-2016 | 27.6 | 27.6 | 17.3 | 17.3 | 7.5 | 7.0 | 27.5 |
| October-2016 | 27.6 | 27.6 | 8.1 | 8.1 | 7.4 | 7.5 | 6.3 |
| November-2016 | 24.8 | 24.8 | 5.3 | 5.3 | 7.2 | 7.3 | 6.3 |
| December-2016 | 24.8 | 24.8 | 4.8 | 4.8 | 7.8 | 7.8 | 6.3 |
| January-2017 | 24.9 | 24.9 | 9.2 | 9.2 | 7.7 | 7.7 | 6.3 |
| February-2017 | 24.9 | 24.9 | 8.4 | 8.4 | 7.8 | 7.8 | 8.5 |
| March-2017 | p 21.2 | p 21.2 | p 12.2 | p 12.2 | p -1.6 | p -1.8 | p 6.8 |

p: provisional

PPI Inflation for selected subgroups in the Manufacturing Sector (Year-on-year change rates in %)



Ghana Statistical Service (GSS)

Table 10: Manufacturing: Monthly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Manufacturing | Manufacture of food products and beverages | Production, processing, preservation of meat, fish, fruit, vegetables, oils and fats | Manufacture of dairy products | Manufacture of grain mill products, starch products, and prepared animal feeds | Manufacture of other food products | Manufacture of beverages | Manufacture of textiles | Spinning, weaving and finishing of textiles |
|----------------|----------------------|---|--|-------------------------------|--|------------------------------------|--------------------------|--------------------------------|---|
| <i>ISIC</i> | <i>D</i> | <i>D15</i> | <i>D151</i> | <i>D152</i> | <i>D153</i> | <i>D154</i> | <i>D155</i> | <i>D17</i> | <i>D171</i> |
| <i>weight</i> | 100 | 25.64 | 4.60 | 4.31 | 4.66 | 4.80 | 7.27 | 4.27 | 4.28 |
| March-2016 | 0.8 | 0.5 | 2.7 | 0.0 | 0.0 | 1.1 | 0.0 | 2.9 | 2.9 |
| April-2016 | 0.2 | -1.5 | -7.7 | 0.0 | -3.1 | 0.5 | 0.8 | 0.1 | 0.1 |
| May-2016 | 0.4 | 1.1 | 0.4 | 0.0 | 0.3 | 9.5 | 0.0 | 2.5 | 2.5 |
| June-2016 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.1 | 0.1 |
| July-2016 | 0.0 | 0.2 | 1.8 | 0.0 | 0.0 | -0.6 | 0.0 | 0.0 | 0.0 |
| August-2016 | -4.8 | -0.4 | -2.0 | 0.0 | 0.0 | -0.4 | 0.0 | 0.1 | 0.1 |
| September-2016 | 1.0 | 0.7 | 4.3 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 |
| October-2016 | 0.2 | -0.1 | -0.5 | 0.0 | 0.0 | 0.1 | 0.0 | -0.1 | -0.1 |
| November-2016 | 2.0 | 0.2 | 0.6 | 0.0 | 0.0 | 0.0 | 0.2 | 1.9 | 1.9 |
| December-2016 | 0.1 | 0.5 | 3.7 | 0.0 | -0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| January-2017 | 2.0 | 0.9 | 2.1 | 0.0 | 0.0 | 2.5 | 1.3 | 0.1 | 0.1 |
| February-2017 | 1.3 | 0.1 | 5.9 | 0.0 | -2.4 | -2.9 | 0.0 | 0.2 | 0.2 |
| March-2017 | p 1.4 | p 0.6 | p 0.9 | p 1.5 | p 0.0 | p 0.0 | p 0.0 | p 0.2 | p 0.2 |

p: provisional

Table 10: Manufacturing: Monthly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Tanning of leather; manu facture of luggage, etc | Manufacture of footwear | Manufacture of wood an of articles of straw etc. | Sawmilling and planing of wood | Manufacture of products of wood, cork, straw etc. | Manufacture of paper and paper products | Manufacture of paper and paper products | Publishing, printing and reproduction of rec. media | Publishing | Printing and service activities ... |
|----------------|--|-------------------------|--|--------------------------------|---|---|---|---|-------------|-------------------------------------|
| <i>ISIC</i> | D19 | <i>D192</i> | D20 | <i>D201</i> | <i>D202</i> | D21 | <i>D210</i> | D22 | <i>D221</i> | <i>D222</i> |
| <i>weight</i> | 0.12 | <i>0.12</i> | 9.03 | <i>4.94</i> | <i>4.10</i> | 0.62 | <i>0.62</i> | 1.14 | <i>0.40</i> | <i>0.74</i> |
| March-2016 | 15.8 | 15.8 | 0.2 | 0.0 | 0.6 | 4.4 | 4.4 | 0.0 | 0.0 | 0.0 |
| April-2016 | -0.6 | -0.6 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | -0.1 |
| May-2016 | 1.2 | 1.2 | 0.1 | 0.0 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| June-2016 | 19.3 | 19.3 | 2.6 | 3.4 | 0.4 | 0.1 | 0.1 | 5.5 | 0.0 | 8.6 |
| July-2016 | 0.0 | 0.0 | 3.8 | 4.9 | 0.8 | 0.2 | 0.2 | 0.5 | 0.0 | 0.7 |
| August-2016 | 0.0 | 0.0 | 8.4 | 11.5 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 |
| September-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | -7.8 | -7.8 | 0.0 | 0.0 | 0.0 |
| October-2016 | 0.0 | 0.0 | -0.1 | 0.0 | -0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| November-2016 | 0.6 | 0.6 | -0.5 | -0.1 | -0.1 | 1.6 | 1.6 | 0.0 | 0.0 | 0.0 |
| December-2016 | -0.6 | -0.6 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| January-2017 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| February-2017 | 0.0 | 0.0 | 0.1 | 0.0 | 0.5 | 0.3 | 0.3 | -0.4 | 0.0 | -0.7 |
| March-2017 | p 0.0 | p 0.0 | p 0.0 | p 0.0 | p 0.2 | p 3.4 | p 3.4 | p 0.4 | p 0.0 | p 0.7 |

p: provisional

Table 10: Manufacturing: Monthly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Manufacture of coke, refined petroleum products etc. | Manufacture of refined petroleum products | Manufacture of chemicals and chemical products | Manufacture of basic chemicals | Manufacture of other chemical products | Manufacture of man-made fibres | Manufacture of rubber and plastics products | Manufacture of rubber products | Manufacture of plastics products |
|----------------|--|---|--|--------------------------------|--|--------------------------------|---|--------------------------------|----------------------------------|
| <i>ISIC</i> | D23 | <i>D232</i> | D24 | <i>D241</i> | <i>D242</i> | <i>D243</i> | D25 | <i>D251</i> | <i>D252</i> |
| <i>weight</i> | 22.94 | <i>22.94</i> | 10.15 | <i>0.54</i> | <i>9.45</i> | <i>0.16</i> | 3.90 | <i>0.76</i> | <i>3.14</i> |
| March-2016 | 0.0 | 0.0 | 2.2 | 0.0 | 2.0 | 17.5 | 0.0 | 0.3 | 0.0 |
| April-2016 | 4.0 | 4.0 | -0.7 | 0.4 | -0.8 | 0.0 | -0.3 | -2.0 | 0.0 |
| May-2016 | 0.1 | 0.1 | 0.0 | -0.2 | 0.0 | 0.0 | -4.8 | -19.1 | 0.1 |
| June-2016 | -0.5 | -0.5 | 0.1 | 0.0 | 0.1 | 0.0 | 1.1 | 3.0 | 0.7 |
| July-2016 | -1.3 | -1.3 | 0.0 | 0.4 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| August-2016 | -20.2 | -20.2 | 0.0 | 0.8 | 0.0 | 0.0 | -0.8 | -4.3 | 0.0 |
| September-2016 | 3.1 | 3.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 |
| October-2016 | -1.5 | -1.5 | 6.0 | -0.7 | 6.3 | 0.0 | 0.2 | 1.0 | 0.0 |
| November-2016 | 7.7 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 10.4 | 1.5 |
| December-2016 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | -2.2 | 0.0 |
| January-2017 | 7.2 | 7.2 | 0.1 | 1.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 |
| February-2017 | 5.3 | 5.3 | 0.4 | 1.7 | 0.3 | 0.0 | 0.8 | 3.9 | 0.1 |
| March-2017 | p 4.8 | p 4.8 | p 0.0 | p 1.3 | p 0.0 | p 0.0 | p 0.2 | p 0.4 | p 0.1 |

p: provisional

Table 10: Manufacturing: Monthly Change Rates for March 2016 - March 2017 (%)
contd.

| Year / Month | Manufacture of other non-metallic min. products | Manufacture of non-metallic mineral products n.e.c. | Manufacture of basic metals | Manufacture of basic iron and steel | Manufacture of basic precious and non-ferrous metals | Manufacture of fabricated metal products, ... | Manufacture of structural metal products, tanks, reservoirs ... | Manufacture of other fabricated metal products ... | Manufacture of machinery ... n.e.c. | Manufacture of special-purpose machinery |
|----------------|---|---|-----------------------------|-------------------------------------|--|---|---|--|-------------------------------------|--|
| ISIC | D26 | D269 | D27 | D271 | D272 | D28 | D281 | D289 | D29 | D292 |
| weight | 8.20 | 8.20 | 5.02 | 2.02 | 2.65 | 3.70 | 1.55 | 2.15 | 0.42 | 0.42 |
| March-2016 | 0.1 | 0.1 | 0.1 | 0.0 | 0.2 | 0.3 | 0.8 | 0.0 | 0.0 | 0.0 |
| April-2016 | -1.8 | -1.8 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 18.2 | 18.2 |
| May-2016 | 0.1 | 0.1 | 0.3 | 0.1 | 0.4 | 4.3 | 4.4 | 4.1 | 0.0 | 0.0 |
| June-2016 | 0.6 | 0.6 | 0.1 | 0.0 | 0.1 | 1.3 | 1.8 | 0.9 | 0.0 | 0.0 |
| July-2016 | 0.4 | 0.4 | 0.3 | 0.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| August-2016 | 0.0 | 0.0 | -1.5 | 0.0 | -2.7 | 0.4 | 0.0 | 0.7 | 0.0 | 0.0 |
| September-2016 | -0.3 | -0.3 | 2.3 | 0.0 | 4.0 | -0.2 | -0.4 | 0.0 | 0.0 | 0.0 |
| October-2016 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| November-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 |
| December-2016 | 0.0 | 0.0 | 0.7 | 0.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| January-2017 | 0.2 | 0.2 | 0.8 | 0.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| February-2017 | -1.6 | -1.6 | 2.6 | 4.5 | 1.2 | 0.5 | 0.9 | 0.0 | 0.0 | 0.0 |
| March-2017 | p 0.0 | p 0.0 | p 2.5 | p 0.1 | p 4.3 | p -0.0 | p 0.0 | p -0.1 | p 0.0 | p 0.0 |

p: provisional

Table 10: Manufacturing: Monthly Change Rates for March 2016 - March 2017 (%)

contd.

| Year / Month | Manufacture of electrical machinery and apparatus n.e.c. | Manufacture of insulated wire and cable | Manufacture of motor vehicles, trailers and semi-trailers | Manufacture of bodies for motor vehicles, trailers and semi-trailers | Manufacture of furniture; manufacturing n.e.c. | Manufacture of furniture | Manufacturing n.e.c. |
|----------------|--|---|---|--|--|--------------------------|----------------------|
| <i>ISIC</i> | D31 | <i>D313</i> | D34 | <i>D342</i> | D36 | <i>D361</i> | <i>D369</i> |
| <i>weight</i> | 0.41 | <i>0.41</i> | 0.05 | <i>0.05</i> | 2.44 | <i>2.33</i> | <i>0.11</i> |
| March-2016 | 3.4 | 3.4 | -0.4 | -0.4 | 9.6 | 9.8 | 2.7 |
| April-2016 | 23.1 | 23.1 | 1.4 | 1.4 | -4.6 | -4.7 | -2.3 |
| May-2016 | 0.0 | 0.0 | -0.4 | -0.4 | 0.0 | 0.0 | 0.0 |
| June-2016 | 0.0 | 0.0 | 1.1 | 1.1 | 2.1 | 2.0 | 6.0 |
| July-2016 | 0.3 | 0.3 | -0.3 | -0.3 | 0.0 | 0.0 | 0.0 |
| August-2016 | 0.0 | 0.0 | 1.6 | 1.6 | -0.1 | -0.1 | 0.0 |
| September-2016 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| October-2016 | 0.0 | 0.0 | -1.3 | -1.3 | 0.6 | 0.6 | 0.0 |
| November-2016 | -2.2 | -2.2 | -2.0 | -2.0 | 0.1 | 0.1 | 0.0 |
| December-2016 | 0.0 | 0.0 | 0.8 | 0.8 | 0.2 | 0.2 | 0.0 |
| January-2017 | 0.0 | 0.0 | 4.2 | 4.2 | 0.0 | 0.0 | 0.0 |
| February-2017 | 0.0 | 0.0 | 3.3 | 3.3 | 0.1 | 0.0 | 2.0 |
| March-2017 | p 0.3 | p 0.3 | p 3.1 | p 3.1 | p 0.0 | p 0.0 | p 1.1 |

p: provisional

Table 11: Utilities: Producer Price Index (Sept 2006=100) for March 2016 - March 2017

| Year / Month | Electricity and water supply (Utilities) | Electricity supply | Production, transmission and distribution of electricity | Water supply | Collection, purification and distribution of water |
|----------------|--|--------------------|--|--------------|--|
| <i>ISIC</i> | <i>E</i> | <i>E40</i> | <i>E401</i> | <i>E41</i> | <i>E410</i> |
| <i>weight</i> | 100.00 | 93.25 | 93.25 | 6.75 | 6.75 |
| March-2016 | 785.9 | 782.6 | 782.6 | 834.4 | 834.4 |
| April-2016 | 785.5 | 782.2 | 782.2 | 834.4 | 834.4 |
| May-2016 | 786.0 | 782.7 | 782.7 | 834.4 | 834.4 |
| June-2016 | 786.2 | 782.9 | 782.9 | 834.4 | 834.4 |
| July-2016 | 786.7 | 783.5 | 783.5 | 834.4 | 834.4 |
| August-2016 | 786.8 | 783.6 | 783.6 | 834.4 | 834.4 |
| September-2016 | 792.5 | 789.6 | 789.6 | 834.4 | 834.4 |
| October-2016 | 792.6 | 789.7 | 789.7 | 834.4 | 834.4 |
| November-2016 | 793.0 | 790.2 | 790.2 | 834.4 | 834.4 |
| December-2016 | 794.2 | 791.5 | 791.5 | 834.4 | 834.4 |
| January-2017 | 795.6 | 792.9 | 792.9 | 834.4 | 834.4 |
| February-2017 | 796.8 | 794.3 | 794.3 | 834.4 | 834.4 |
| March-2017 | p 797.8 | p 795.3 | p 795.3 | p 834.4 | p 834.4 |

p: provisional

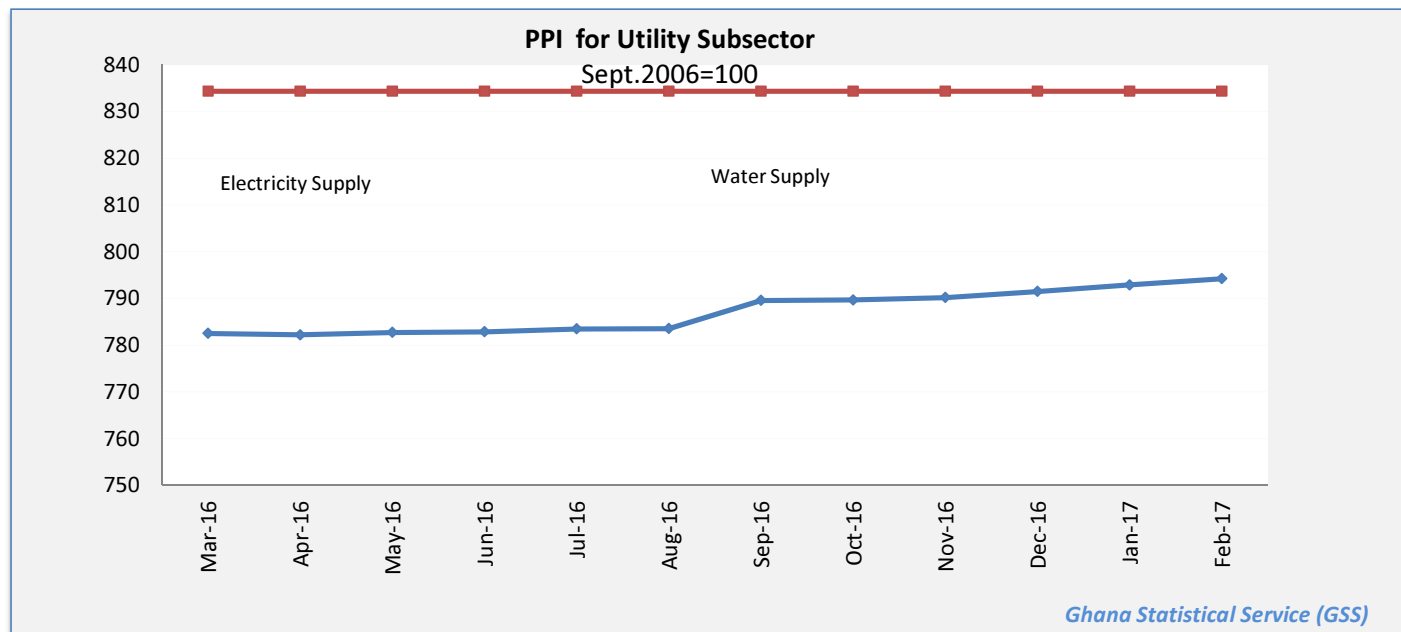


Table 12: Utilities: Yearly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Electricity and water supply (Utilities) | Electricity supply | Production, transmission and distribution of electricity | Water supply | Collection, purification and distribution of water |
|----------------|--|--------------------|--|--------------|--|
| ISIC | E | E40 | E401 | E41 | E410 |
| weight | 100.00 | 93.25 | 93.25 | 6.75 | 6.75 |
| March-2016 | 43.4 | 39.9 | 39.9 | 103.0 | 103.0 |
| April-2016 | 37.1 | 33.9 | 33.9 | 92.3 | 92.3 |
| May-2016 | 37.0 | 33.8 | 33.8 | 92.3 | 92.3 |
| June-2016 | 36.5 | 33.3 | 33.3 | 92.3 | 92.3 |
| July-2016 | 36.6 | 34.6 | 34.6 | 67.2 | 67.2 |
| August-2016 | 36.0 | 34.0 | 34.0 | 67.2 | 67.2 |
| September-2016 | 38.2 | 36.4 | 36.4 | 67.2 | 67.2 |
| October-2016 | 38.2 | 36.4 | 36.4 | 67.2 | 67.2 |
| November-2016 | 38.3 | 36.4 | 36.4 | 67.2 | 67.2 |
| December-2016 | -7.0 | -7.4 | -7.4 | 0.0 | 0.0 |
| January-2017 | -6.8 | -7.3 | -7.3 | 0.0 | 0.0 |
| February-2017 | p 1.3 | p 1.4 | p 1.4 | p 0.0 | p 0.0 |
| March-2017 | 1.5 | 1.6 | 1.6 | 0.0 | 0.0 |

p: provisional

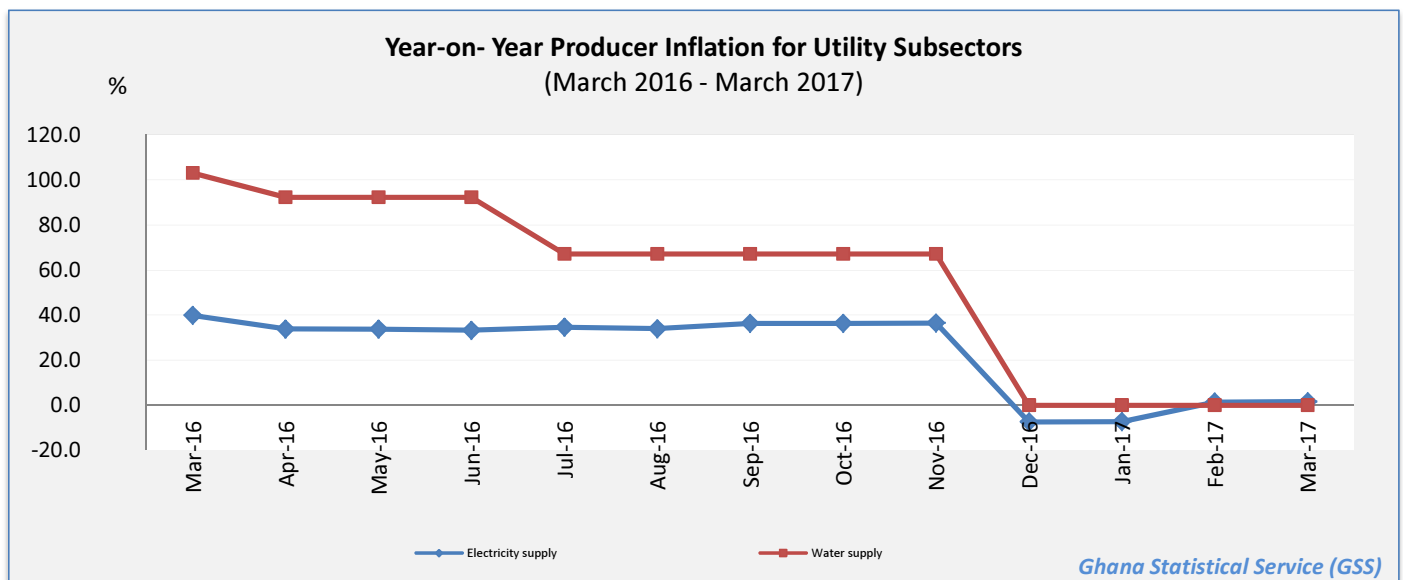


Table 13: Utilities: Monthly Change Rates for March 2016 - March 2017 (%)

| Year / Month | Electricity and water supply (Utilities) | Electricity supply | Production, transmission and distribution of electricity | Water supply | Collection, purification and distribution of water |
|----------------|--|--------------------|--|--------------|--|
| ISIC | E | E40 | E401 | E41 | E410 |
| weight | 100.00 | 93.25 | 93.25 | 6.75 | 6.75 |
| March-2016 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 |
| April-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May-2016 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| June-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| July-2016 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| August-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| September-2016 | 0.7 | 0.8 | 0.8 | 0.0 | 0.0 |
| October-2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| November-2016 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| December-2016 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 |
| January-2017 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 |
| February-2017 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 |
| March-2017 | p 0.1 | p 0.1 | p 0.1 | p 0.0 | p 0.0 |

p: provisional

