



**GHANA STATISTICAL SERVICE (GSS)**  
*Statistics for Development and Progress*

Statistical Bulletin

**(PRODUCER PRICE INDEX PPI)**  
**March, 2018**

Ghana Statistical Service (GSS)

**Statistical Bulletin**

PRODUCER PRICE INDEX (PPI)

**March, 2018**

**Date: April 25 2018**

**Producer Price Index (PPI)**  
**March 2018**

CONTENTS

HIGHLIGHTS FOR MARCH 2018	2
Table 1: Producer Price Index for March 2017 - March 2018	4
Table 2: Producer Price Index (Sep.2006=100) by sectors for March 2017 - March 2018	5
Table 3: Producer Price Index: Yearly Change Rates by Sector for March 2017 - March 2018 (%)	6
Table 4: Producer Price Index: Monthly Change Rates by Sector for March 2017 - March 2018 (%)	7
Table 5: Mining And Quarrying: Producer Price Index (Sept 2006=100) March 2017 - March 2018	8
Table 6: Mining and Quarrying: Yearly Change Rates for March 2017 - March 2018 (%)	9
Table 7: Mining and Quarrying: Monthly Change Rates for March 2017 - March 2018 (%)	10
Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018	11
Table 9: Manufacturing: Yearly Change Rates for March 2017 - March 2018 (%)	17
Table 10: Manufacturing: Monthly Change Rates for March 2017 - March 2018 (%)	23
Table 11: Utilities: Producer Price Index (Sept 2006=100) for March 2017 - March 2018	28
Table 12: Utilities: Yearly Change Rates for March 2017 - March 2018 (%)	29
Table 13: Utilities: Monthly Change Rates for March 2017 - March 2018 (%)	30

## HIGHLIGHTS FOR MARCH 2018

### Producer Price Inflation Rate in March 2018 is 3.7%

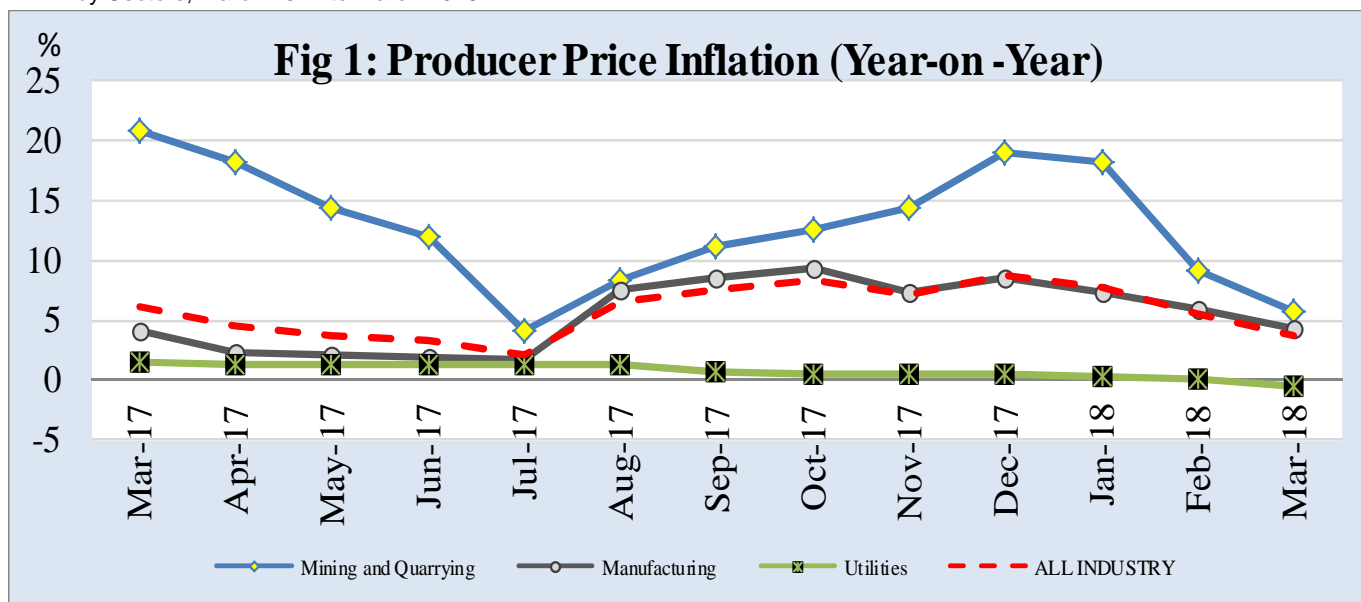
The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers for the production of their goods and services. The PPI for Ghana reports the producer price indices with reference to September 2006, the base period. This release shows the annual (year-on-year) 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 2018 are provisional, and are subject to revision when additional data become available. All other indicators are final.

The Producer Price Inflation rate for March 2018 was 3.7 percent. This rate indicates that, between March 2017 and March 2018 (year-on-year), the PPI increased by 3.7 percent. This rate represents a 1.8 percentage point decrease in producer inflation relative to the rate recorded in February 2018 (5.5%). The month-on-month change in producer price index between February 2018 and March 2018 was -0.3 percent.

The producer price inflation in the Mining and Quarrying sub-sector decreased by 3.4 percentage points over the February 2018 rate of 9.2 percent to record 5.8 percent in March 2018. The producer inflation for Manufacturing which constitutes more than two-thirds of total industry decreased by 1.8 percentage point to record 4.2 percent. The utilities sub-sector recorded inflation of -0.6 percent in March 2018 indicating a decrease of 0.6 percentage point relative to the rate recorded in February 2018.

During the month of March 2018, six out of the sixteen major groups in the manufacturing sub-sector recorded inflation rates higher than the sector average of 4.2 percent. Manufacture of machinery and equipment n.e.c recorded the highest inflation rate of 26.1 percent, while manufacturing of food products and beverages recorded the lowest producer price inflation rate of -3.7% .

**PPI** by Sectors; March 2017 to March 2018



**Manufacture of coke, refined petroleum products etc:** Annual rate was 15.9 percent for March 2018, as compare to 22.8 percent in February 2018.

**Manufacture of other non-metallic mineral product:** Annual rate was 0.38 percent for March 2018 and was the same for February 2018.

**Manufacture of motor vehicles, trailers and semi-trailers:** Annual rate was 13.5 percent in February 2018 as compared to 14.6percent last month.

**Electricity and Water Supply:** the rate was -0.6 percent for March 2018 compared to 0.0 percent in February 2018 .

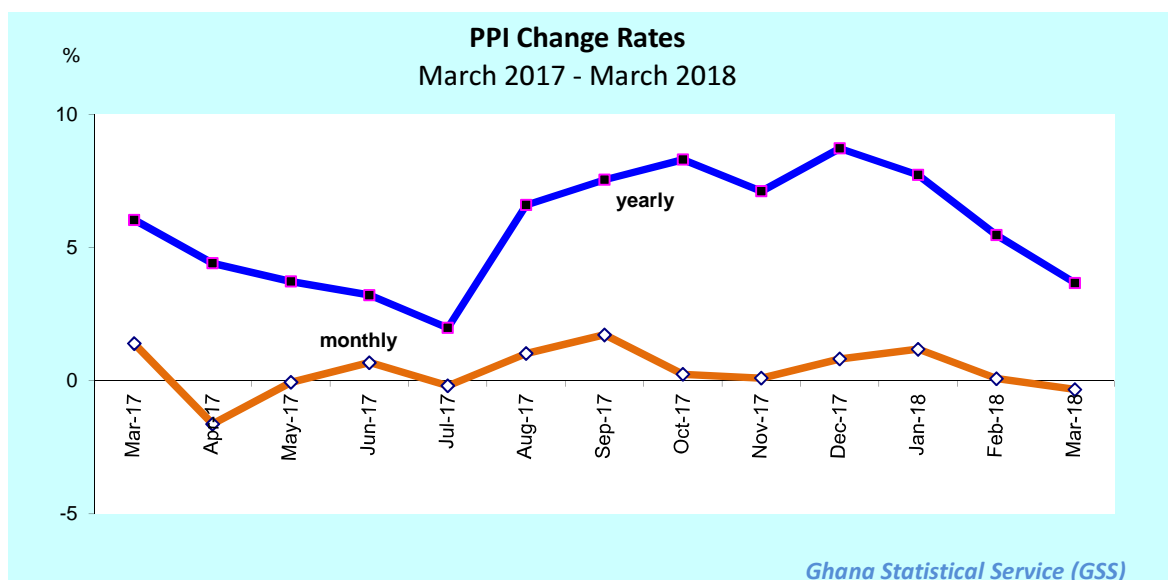
More detailed time series data is posted on the GSS website [[www.statsghana.gov.gh](http://www.statsghana.gov.gh)].

**The next release date is 22nd May 2018**

**Table 1: Producer Price Index for March 2017 - March 2018**

Year / Month	Index level	Monthly	Yearly
	Sept 2006=100	Change Rate (%)	
March-17	559.0	1.4	6.0
April-17	549.9	-1.6	4.4
May-17	549.6	-0.1	3.7
June-17	553.3	0.7	3.2
July-17	552.3	-0.2	2.0
August-17	558.0	1.0	6.6
September-17	567.6	1.7	7.5
October-17	569.0	0.2	8.3
November-17	569.5	0.1	7.1
December-17	574.2	0.8	8.7
January-18	581.0	1.2	7.7
February-18	581.4	0.1	5.5
March-18	p 579.5	p -0.3	p 3.7

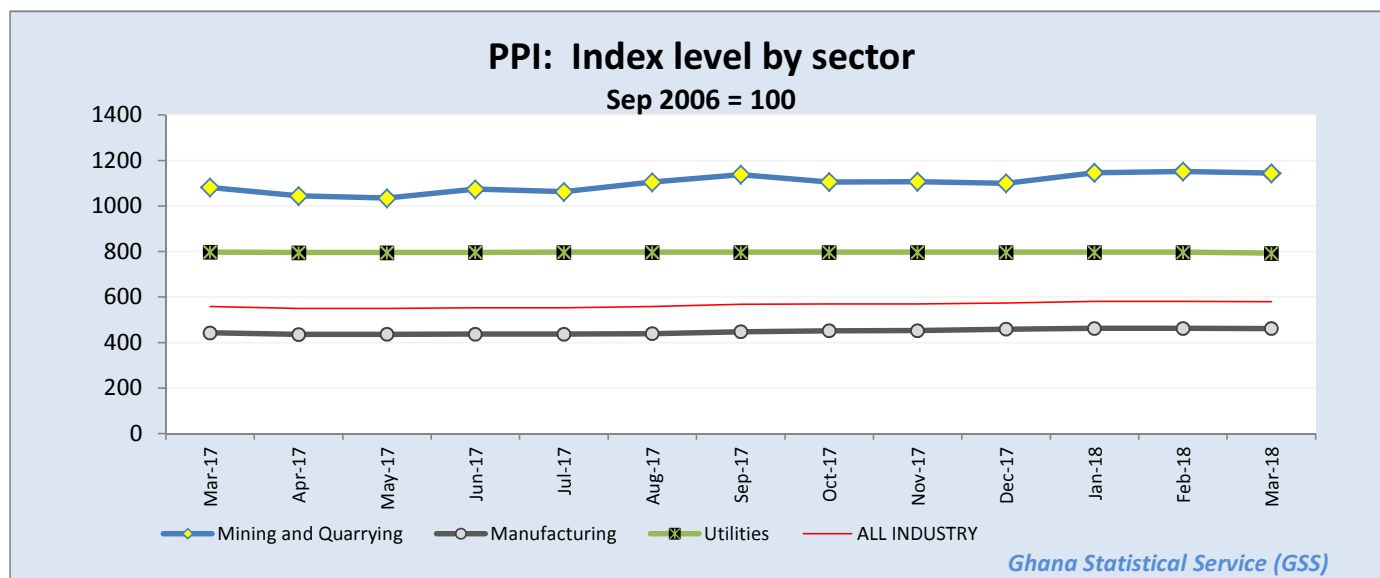
p: provisional



**Table 2: Producer Price Index (Sep.2006=100) by sectors for March 2017 - March 2018**

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-2017	1,081.4	442.7	797.8	559.0
April-2017	1,044.6	436.0	795.2	549.9
May-2017	1,034.3	436.6	795.6	549.6
June-2017	1,074.0	437.1	796.5	553.3
July-2017	1,062.3	436.9	796.8	552.3
August-2017	1,104.9	439.5	797.0	558.0
September-2017	1,137.6	447.6	797.1	567.6
October-2017	1,105.8	452.0	796.9	569.0
November-2017	1,106.9	452.6	797.0	569.5
December-2017	1,099.8	458.8	797.2	574.2
January-2018	1,145.9	462.4	797.3	581.0
February-2018	1,151.7	462.5	796.9	581.4
March-2018	p 1,144.2	p 461.5	p 792.8	p 579.5

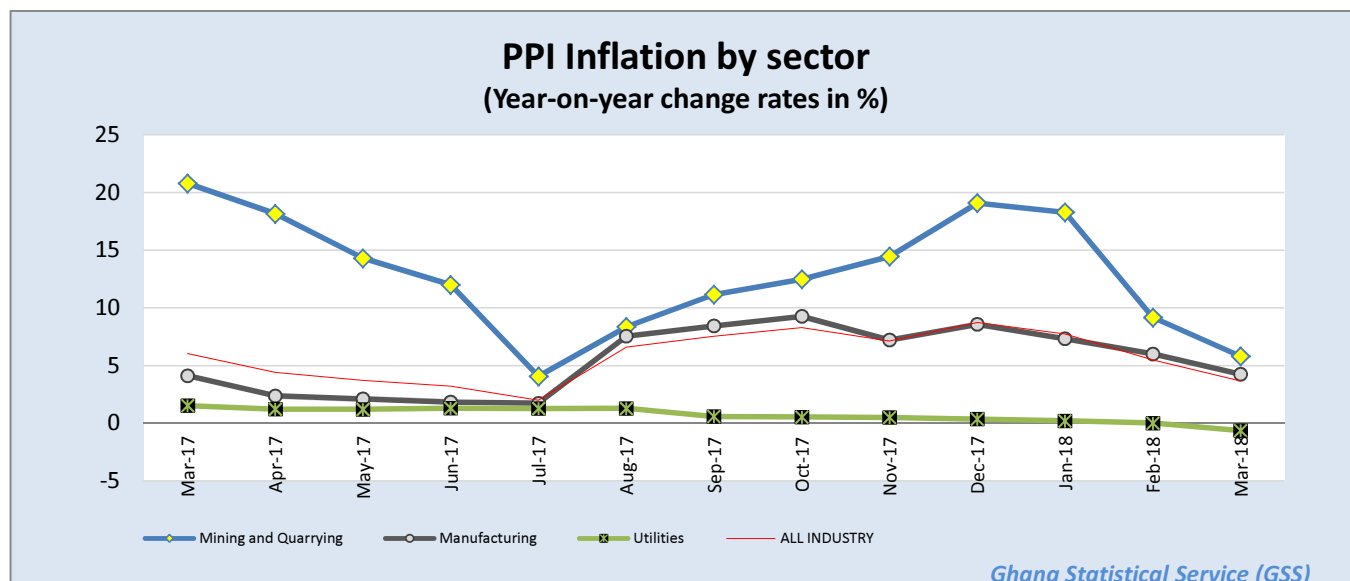
*p: provisional*



**Table 3: Producer Price Index: Yearly Change Rates by Sector for March 2017 - March 2018 (%)**

Year / Month	Mining and Quarrying	Manufacturing	Utilities	ALL INDUSTRY
	<i>C</i>	<i>D</i>	<i>E</i>	<i>C+D+E</i>
March-2017	20.8	4.1	1.5	6.0
April-2017	18.2	2.4	1.2	4.4
May-2017	14.3	2.1	1.2	3.7
June-2017	12.0	1.8	1.3	3.2
July-2017	4.1	1.7	1.3	2.0
August-2017	8.3	7.5	1.3	6.6
September-2017	11.2	8.4	0.6	7.5
October-2017	12.5	9.3	0.5	8.3
November-2017	14.4	7.2	0.5	7.1
December-2017	19.1	8.6	0.4	8.7
January-2018	18.3	7.3	0.2	7.7
February-2018	9.2	6.0	0.0	5.5
March-2018	p 5.8	p 4.2	p -0.6	p 3.7

*p: provisional*

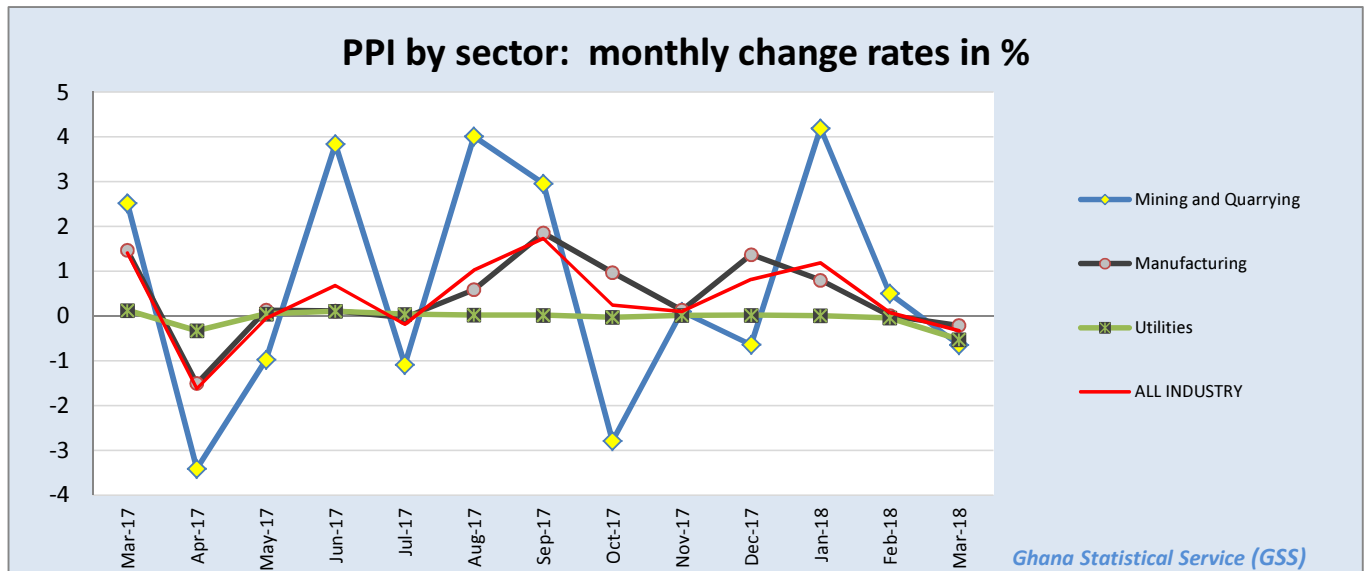




**Table 4: Producer Price Index: Monthly Change Rates by Sector for March 2017 - March 2018 (%)**

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-2017	2.5	1.5	0.1	1.4
April-2017	-3.4	-1.5	-0.3	-1.6
May-2017	-1.0	0.1	0.0	-0.1
June-2017	3.8	0.1	0.1	0.7
July-2017	-1.1	-0.0	0.0	-0.2
August-2017	4.0	0.6	0.0	1.0
September-2017	3.0	1.9	0.0	1.7
October-2017	-2.8	1.0	-0.0	0.2
November-2017	0.1	0.1	0.0	0.1
December-2017	-0.6	1.4	0.0	0.8
January-2018	4.2	0.8	0.0	1.2
February-2018	0.5	0.0	-0.0	0.1
March-2018	p -0.6	p -0.2	p -0.5	p -0.3

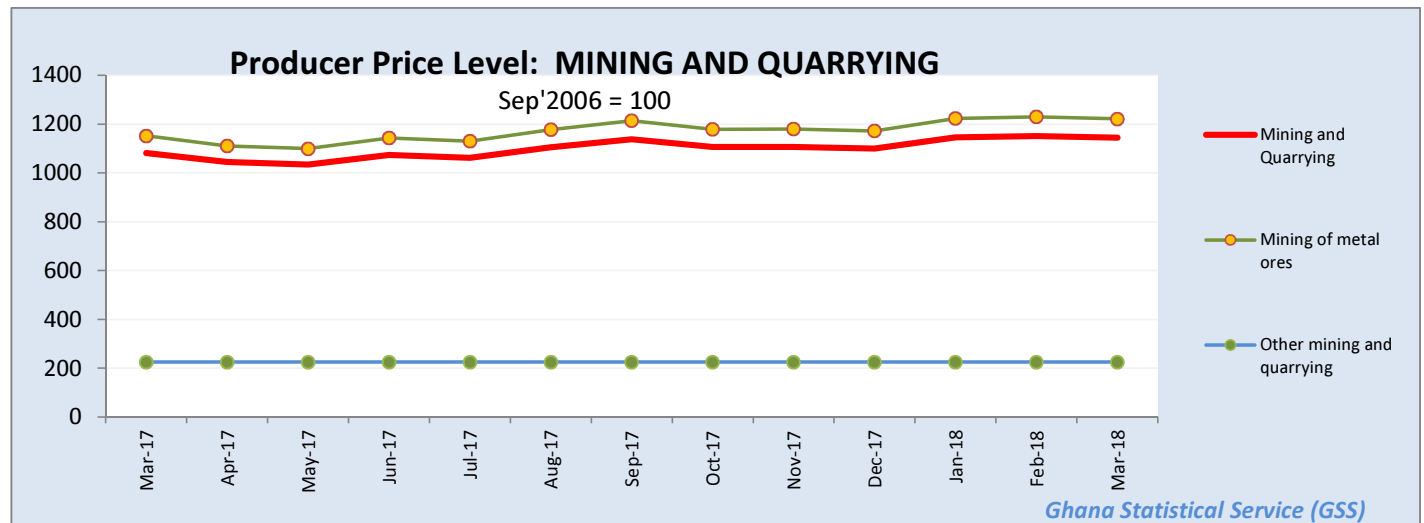
*p: provisional*



**Table 5: Mining And Quarrying: Producer Price Index (Sept 2006=100) March 2017 - March 2018**

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>	<b>100.00</b>	<b>95.01</b>	<b>95.01</b>	<b>4.99</b>	<b>3.42</b>	<b>0.87</b>
March-2017	1081.4	1151.9	1151.9	224.7	183.8	494.9
April-2017	1044.6	1111.0	1111.0	224.7	183.8	494.9
May-2017	1034.3	1099.7	1099.7	224.7	183.8	494.9
June-2017	1074.0	1143.7	1143.7	224.7	183.8	494.9
July-2017	1062.3	1130.7	1130.7	224.7	183.8	494.9
August-2017	1104.9	1177.9	1177.9	224.7	183.8	494.9
September-2017	1137.6	1214.1	1214.1	224.7	183.8	494.9
October-2017	1105.8	1178.9	1178.9	224.7	183.8	494.9
November-2017	1106.9	1180.1	1180.1	224.7	183.8	494.9
December-2017	1099.8	1172.2	1172.2	224.7	183.8	494.9
January-2018	1145.9	1223.4	1223.4	224.7	183.8	494.9
February-2018	1151.7	1229.8	1229.8	224.7	183.8	494.9
March-2018	p 1144.2	p 1221.5	p 1221.5	p 224.7	p 183.8	p 494.9

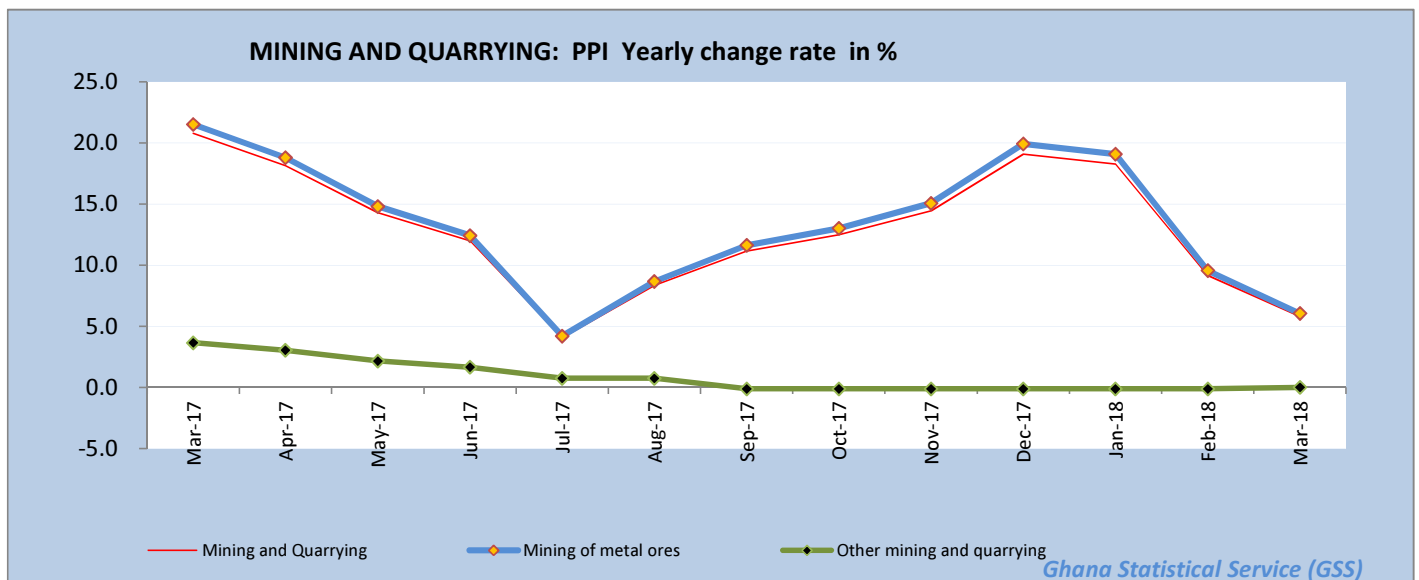
*p: provisional*



**Table 6: Mining and Quarrying: Yearly Change Rates for March 2017 - March 2018 (%)**

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-2017	20.8	21.5	21.5	3.7	2.7	7.4
April-2017	18.2	18.8	18.8	3.0	2.7	4.3
May-2017	14.3	14.8	14.8	2.2	1.6	4.3
June-2017	12.0	12.4	12.4	1.7	1.0	4.3
July-2017	4.1	4.2	4.2	0.8	-0.1	4.3
August-2017	8.3	8.7	8.7	0.8	-0.1	4.3
September-2017	11.2	11.6	11.6	-0.1	-0.1	0.0
October-2017	12.5	13.0	13.0	-0.1	-0.1	0.0
November-2017	14.4	15.1	15.1	-0.1	-0.1	0.0
December-2017	19.1	19.9	19.9	-0.1	-0.1	0.0
January-2018	18.3	19.1	19.1	-0.1	-0.1	0.0
February-2018	9.2	9.6	9.6	-0.1	-0.1	0.0
March-2018	p 5.8	p 6.0	p 6.0	p 0.0	p 0.0	p 0.0

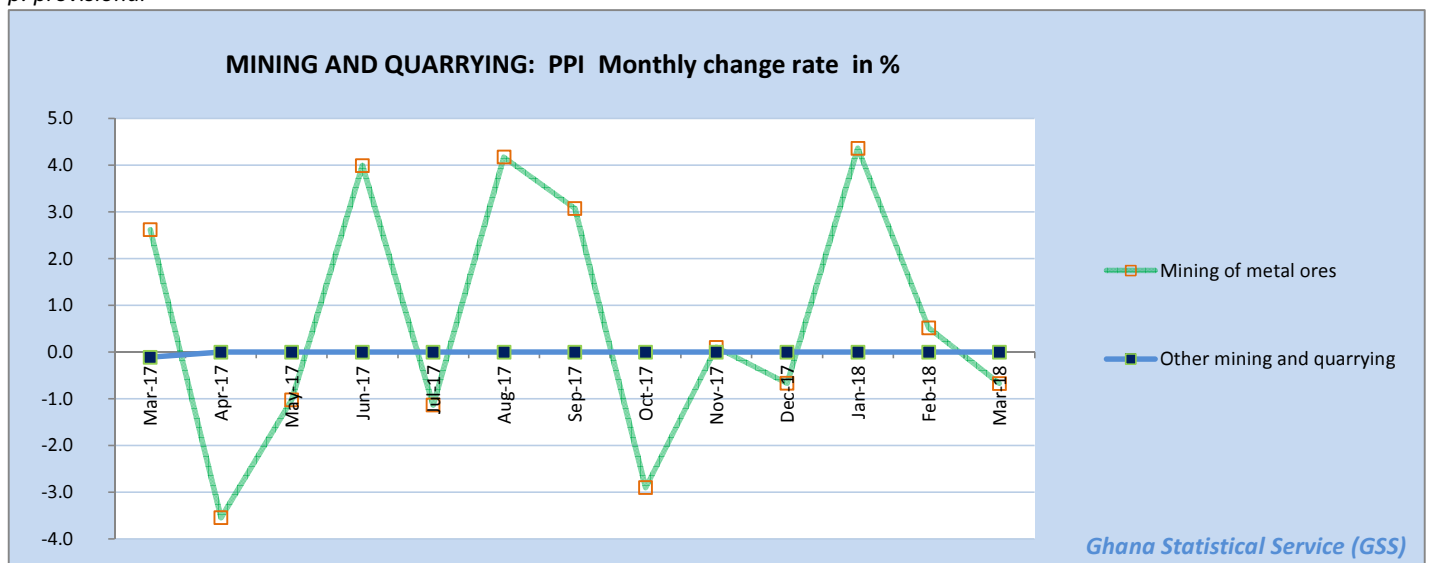
*p: provisional*



**Table 7: Mining and Quarrying: Monthly Change Rates for March 2017 - March 2018 (%)**

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-2017	2.5	2.6	2.6	-0.1	-0.1	0.0
April-2017	-3.4	-3.5	-3.5	0.0	0.0	0.0
May-2017	-1.0	-1.0	-1.0	0.0	0.0	0.0
June-2017	3.8	4.0	4.0	0.0	0.0	0.0
July-2017	-1.1	-1.1	-1.1	0.0	0.0	0.0
August-2017	4.0	4.2	4.2	0.0	0.0	0.0
September-2017	3.0	3.1	3.1	0.0	0.0	0.0
October-2017	-2.8	-2.9	-2.9	0.0	0.0	0.0
November-2017	0.1	0.1	0.1	0.0	0.0	0.0
December-2017	-0.6	-0.7	-0.7	0.0	0.0	0.0
January-2018	4.2	4.4	4.4	0.0	0.0	0.0
February-2018	0.5	0.5	0.5	0.0	0.0	0.0
March-2018	p -0.6	p -0.7	p -0.7	p 0.0	p 0.0	p 0.0

p: provisional



**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018**

Year / Month	<b>Manufacturing</b>	<b>Manufacture of food products and beverages</b>	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	<b>Manufacture of textiles</b>	Spinning, weaving and finishing of textiles
<i>ISIC</i>	<b>D</b>	<b>D15</b>	<i>D151</i>	<i>D152</i>	<i>D153</i>	<i>D154</i>	<i>D155</i>	<b>D17</b>	<i>D171</i>
<i>weight</i>	<b>100</b>	<b>25.64</b>	4.60	4.31	4.66	4.80	7.27	<b>4.27</b>	4.28
March-2017	442.7	451.9	689.7	357.2	533.9	524.8	388.1	523.9	523.9
April-2017	436.0	439.5	567.5	357.2	533.9	533.7	388.1	522.0	522.0
May-2017	436.6	440.1	572.9	357.2	533.9	533.2	387.9	522.1	522.1
June-2017	437.1	444.3	597.9	357.2	533.9	545.4	388.5	528.4	528.4
July-2017	436.9	442.2	579.9	357.2	533.9	545.8	388.5	525.2	525.2
August-2017	439.5	441.8	587.8	357.2	533.9	530.7	388.5	526.0	526.0
September-2017	447.6	435.6	601.7	357.2	533.9	537.6	361.8	535.7	535.7
October-2017	452.0	434.6	598.6	357.2	533.9	530.1	361.8	535.9	535.9
November-2017	452.6	435.5	607.1	357.2	533.9	530.2	361.8	536.2	536.2
December-2017	458.8	435.3	604.8	357.2	533.9	530.3	361.8	536.5	536.5
January-2018	462.4	435.4	605.4	357.2	533.9	530.6	361.8	574.1	574.1
February-2018	462.5	434.7	599.7	357.2	533.9	530.6	361.8	574.1	574.1
March-2018	p 461.5	p 435.3	p 597.9	p 357.2	p 533.9	p 539.1	p 361.8	p 574.8	p 574.8

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018**

*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-2017	528.1	528.1	345.1	364.8	294.7	534.5	534.5	756.6	665.2	811.7
April-2017	528.1	528.1	341.5	364.8	283.1	531.0	531.0	756.6	665.2	811.7
May-2017	528.1	528.1	341.5	364.8	283.1	531.5	531.5	756.6	665.2	811.7
June-2017	528.1	528.1	341.5	364.8	283.1	532.7	532.7	756.6	665.2	811.7
July-2017	528.1	528.1	342.0	364.8	284.9	533.1	533.1	756.6	665.2	811.7
August-2017	528.1	528.1	346.2	370.7	285.3	533.3	533.3	756.6	665.2	811.7
September-2017	528.1	528.1	346.1	370.7	285.1	533.5	533.5	756.6	665.2	811.7
October-2017	528.1	528.1	351.4	370.7	298.1	533.3	533.3	756.6	665.2	811.7
November-2017	533.9	533.9	351.4	370.7	298.2	533.4	533.4	756.6	665.2	811.7
December-2017	533.9	533.9	354.5	376.2	299.8	533.6	533.6	756.6	665.2	811.7
January-2018	533.9	533.9	354.7	376.2	300.4	533.7	533.7	760.1	665.2	817.5
February-2018	533.9	533.9	354.6	376.2	300.1	533.7	533.7	760.1	665.2	817.5
March-2018	p 533.9	p 533.9	p 354.6	p 376.2	p 300.1	p 533.7	p 533.7	p 760.1	p 665.2	p 817.5

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018**

*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-2017	389.5	389.5	450.6	377.3	461.3	128.8	415.8	293.0	448.0
April-2017	379.8	379.8	450.5	366.1	461.3	128.8	414.0	289.4	446.7
May-2017	367.6	367.6	475.7	366.2	487.9	128.8	418.5	301.3	448.8
June-2017	367.7	367.7	460.4	381.2	471.5	128.8	420.0	308.0	448.7
July-2017	367.6	367.6	460.5	387.7	471.5	128.8	425.5	331.1	448.8
August-2017	371.4	371.4	464.6	393.3	475.8	128.8	423.4	322.0	448.9
September-2017	403.0	403.0	462.4	390.9	473.5	128.8	425.8	329.1	449.8
October-2017	419.0	419.0	462.4	392.4	473.5	128.8	424.1	321.9	449.7
November-2017	420.9	420.9	460.6	392.4	471.5	128.8	424.3	322.6	449.8
December-2017	449.0	449.0	460.6	392.4	471.5	128.8	423.7	319.7	449.9
January-2018	455.3	455.3	463.5	394.1	474.5	128.8	431.5	354.6	449.9
February-2018	456.4	456.4	463.5	394.1	474.5	128.8	425.2	325.9	449.9
March-2018	p 451.5	p 451.5	p 463.5	p 394.1	p 474.5	p 128.8	p 425.1	p 325.7	p 449.9

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018**
*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>	<b>D26</b>	D269	<b>D27</b>	D271	D272	<b>D28</b>	D281	D289	<b>D29</b>	D292
<i>weight</i>	<b>8.20</b>	8.20	<b>5.02</b>	2.02	2.65	<b>3.70</b>	1.55	2.15	<b>0.42</b>	0.42
March-2017	483.3	483.3	392.1	403.6	383.6	654.3	552.8	737.8	844.7	844.7
April-2017	482.4	482.4	386.2	402.2	374.5	654.3	552.8	737.8	844.7	844.7
May-2017	483.2	483.2	387.4	403.2	375.8	651.4	550.5	735.5	844.7	844.7
June-2017	487.2	487.2	386.1	400.0	375.8	652.5	552.7	735.5	844.7	844.7
July-2017	487.0	487.0	388.8	400.1	380.4	652.5	552.7	735.5	1065.3	1065.3
August-2017	489.3	489.3	402.8	433.3	381.1	652.5	552.7	735.5	1065.3	1065.3
September-2017	489.2	489.2	419.0	441.0	402.9	667.5	552.7	764.8	1065.3	1065.3
October-2017	489.2	489.2	420.4	441.0	405.4	666.9	551.4	764.8	1065.3	1065.3
November-2017	489.2	489.2	420.7	441.0	405.8	666.9	551.4	764.8	1065.3	1065.3
December-2017	482.7	482.7	420.9	441.0	406.2	664.3	551.4	759.6	1065.3	1065.3
January-2018	485.1	485.1	421.0	441.0	406.5	664.3	551.4	759.6	1065.3	1065.3
February-2018	485.1	485.1	426.0	441.0	414.9	664.6	551.4	760.2	1065.3	1065.3
March-2018	p 485.1	p 485.1	p 425.9	p 441.0	p 414.7	p 664.6	p 551.4	p 760.2	p 1065.3	p 1065.3

*p: provisional*



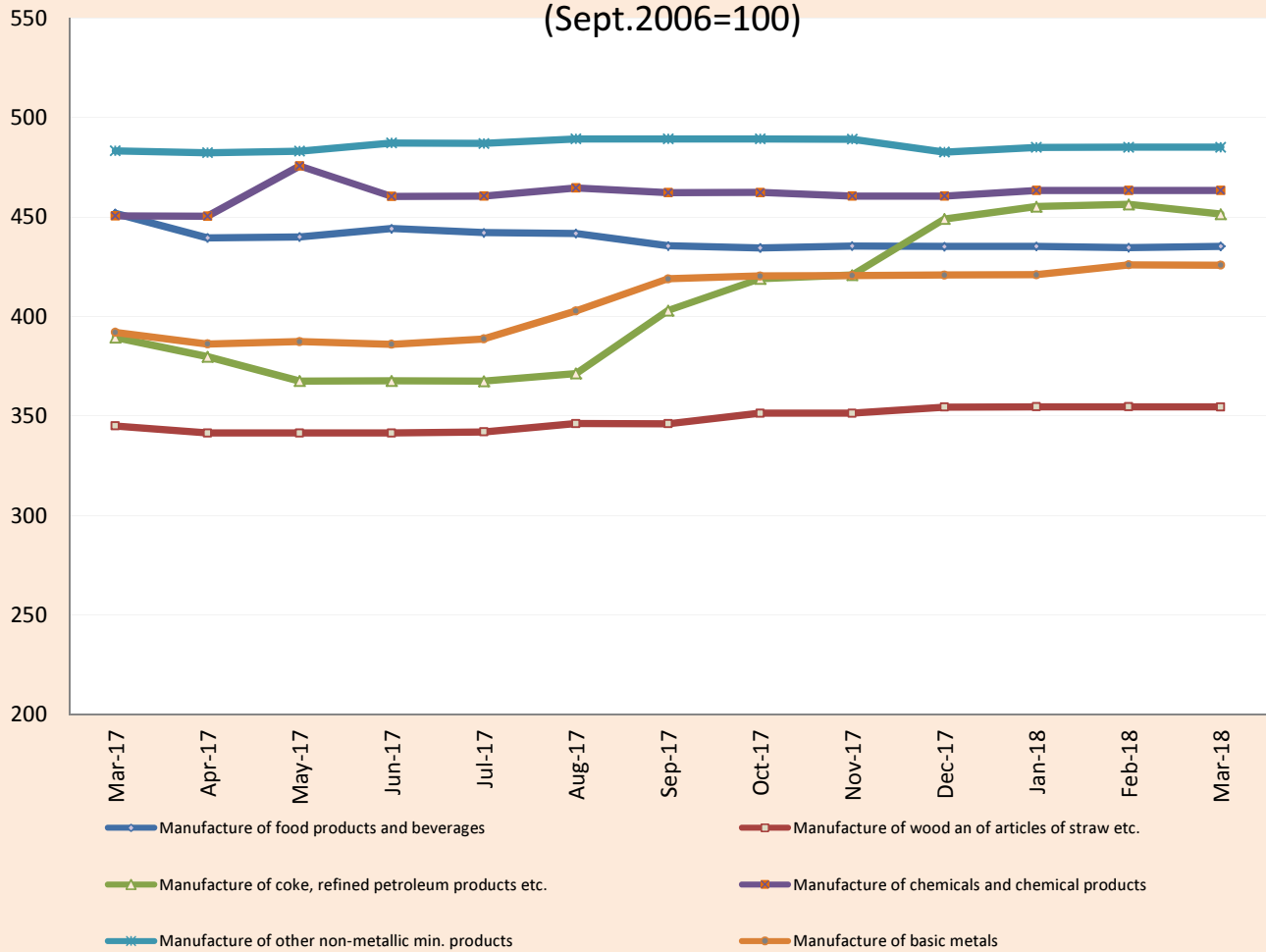
**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for March 2017 - March 2018**

*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>	<b>D31</b>	<i>D313</i>	<b>D34</b>	<i>D342</i>	<b>D36</b>	<i>D361</i>	<i>D369</i>
<i>weight</i>	<b>0.41</b>	<i>0.41</i>	<b>0.05</b>	<i>0.05</i>	<b>2.44</b>	<i>2.33</i>	<i>0.11</i>
March-2017	374.5	374.5	463.4	463.4	600.7	596.4	770.2
April-2017	374.3	374.3	435.0	435.0	600.9	596.5	773.0
May-2017	374.3	374.3	435.2	435.2	658.1	655.1	773.0
June-2017	374.4	374.4	470.7	470.7	662.8	659.3	796.0
July-2017	374.4	374.4	486.6	486.6	663.2	659.7	796.0
August-2017	374.4	374.4	500.5	500.5	663.2	659.7	796.0
September-2017	382.8	382.8	494.5	494.5	663.2	659.7	796.0
October-2017	382.8	382.8	498.3	498.3	663.2	659.7	796.0
November-2017	382.8	382.8	499.1	499.1	663.2	659.7	796.0
December-2017	382.9	382.9	504.6	504.6	669.4	665.8	804.3
January-2018	386.9	386.9	521.6	521.6	670.1	666.5	804.3
February-2018	386.9	386.9	515.2	515.2	670.1	666.5	804.3
March-2018	p 386.9	p 386.9	p 526.1	p 526.1	p 670.1	p 666.5	p 804.3

*p: provisional*

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



*Ghana Statistical Service (GSS)*

**Table 9: Manufacturing: Yearly Change Rates for March 2017 - March 2018 (%)**

Year / Month	<b>Manufacturing</b>	<b>Manufacture of food products and beverages</b>	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	<b>Manufacture of textiles</b>	Spinning, weaving and finishing of textiles
<i>ISIC</i>	<b>D</b>	<b>D15</b>	<i>D151</i>	<i>D152</i>	<i>D153</i>	<i>D154</i>	<i>D155</i>	<b>D17</b>	<i>D171</i>
<i>weight</i>	<b>100</b>	<b>25.64</b>	4.60	4.31	4.66	4.80	7.27	<b>4.27</b>	4.28
March-2017	4.1	2.5	9.0	1.5	-5.5	10.8	2.1	5.1	5.1
April-2017	2.4	1.2	-2.8	1.5	-2.5	12.1	1.4	4.6	4.6
May-2017	2.1	0.2	-2.3	1.5	-2.7	2.3	1.3	2.1	2.1
June-2017	1.8	1.1	2.0	1.5	-2.7	3.8	1.5	3.3	3.3
July-2017	1.7	0.4	-2.7	1.5	-2.7	4.5	1.5	2.6	2.6
August-2017	7.5	0.7	0.6	1.5	-2.7	2.0	1.5	2.7	2.7
September-2017	8.4	-1.5	-1.2	1.5	-2.7	2.4	-5.5	4.6	4.6
October-2017	9.3	-1.6	-1.2	1.5	-2.7	0.9	-5.5	4.7	4.7
November-2017	7.2	-1.6	-0.4	1.5	-2.7	0.9	-5.6	2.8	2.8
December-2017	8.6	-2.2	-4.3	1.5	-2.4	0.6	-5.6	2.9	2.9
January-2018	7.3	-3.1	-6.2	1.5	-2.4	-1.8	-6.8	10.0	10.0
February-2018	6.0	-3.3	-12.3	1.5	0.0	1.1	-6.8	9.8	9.8
March-2018	p 4.2	-p 3.7	-p 13.3	p 0.0	p 0.0	p 2.7	-p 6.8	p 9.7	p 9.7

*p: provisional*

**Table 9: Manufacturing Producer Price Index Yearly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D19</b>	<i>D192</i>	<b>D20</b>	<i>D201</i>	<i>D202</i>	<b>D21</b>	<i>D210</i>	<b>D22</b>	<i>D221</i>	<i>D222</i>
<i>weight</i>	<b>0.12</b>	<i>0.12</i>	<b>9.03</b>	<i>4.94</i>	<i>4.10</i>	<b>0.62</b>	<i>0.62</i>	<b>1.14</b>	<i>0.40</i>	<i>0.74</i>
March-2017	20.0	20.0	16.8	21.0	5.8	-4.8	-4.8	5.5	0.0	8.6
April-2017	20.8	20.8	15.6	21.0	1.7	-5.3	-5.3	5.5	0.0	8.6
May-2017	19.3	19.3	15.5	21.0	1.5	-5.4	-5.4	5.5	0.0	8.6
June-2017	0.0	0.0	12.6	17.0	1.1	-5.3	-5.3	0.0	0.0	0.0
July-2017	0.0	0.0	8.6	11.5	0.9	-5.4	-5.4	-0.5	0.0	-0.7
August-2017	0.0	0.0	1.4	1.6	1.0	-5.7	-5.7	-0.5	0.0	-0.7
September-2017	0.0	0.0	1.4	1.6	0.9	2.3	2.3	-0.5	0.0	-0.7
October-2017	0.0	0.0	3.1	1.6	5.8	2.3	2.3	-0.5	0.0	-0.7
November-2017	0.4	0.4	3.6	1.7	6.0	0.7	0.7	-0.5	0.0	-0.7
December-2017	1.1	1.1	4.0	3.1	6.5	0.7	0.7	-0.5	0.0	-0.7
January-2018	1.1	1.1	4.0	3.1	6.4	0.4	0.4	0.0	0.0	0.0
February-2018	1.1	1.1	3.8	3.1	5.8	0.1	0.1	0.4	0.0	0.7
March-2018	p 1.1	p 1.1	p 2.8	p 3.1	p 1.8	-p 0.2	-p 0.2	p 0.5	p 0.0	p 0.7

*p: provisional*

**Table 9: Manufacturing: Yearly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D23</b>	D232	<b>D24</b>	D241	D242	D243	<b>D25</b>	D251	D252
<i>weight</i>	<b>22.94</b>	22.94	<b>10.15</b>	0.54	9.45	0.16	<b>3.90</b>	0.76	3.14
March-2017	5.3	5.3	6.0	5.5	6.1	0.0	-0.8	-10.8	2.9
April-2017	-1.2	-1.2	6.8	1.9	7.0	0.0	-0.9	-10.1	2.6
May-2017	-4.5	-4.5	12.8	2.2	13.1	0.0	5.2	15.7	3.1
June-2017	-4.0	-4.0	9.0	6.4	9.2	0.0	4.4	14.8	2.3
July-2017	-2.7	-2.7	9.0	7.7	9.2	0.0	5.6	23.2	2.2
August-2017	23.2	23.2	10.0	8.4	10.2	0.0	5.9	25.2	2.2
September-2017	29.7	29.7	9.3	7.6	9.5	0.0	6.5	27.8	2.5
October-2017	36.9	36.9	3.0	8.7	3.0	0.0	5.9	23.8	2.4
November-2017	27.7	27.7	2.6	8.7	2.6	0.0	2.8	12.4	0.9
December-2017	36.4	36.4	2.6	8.7	2.6	0.0	3.1	13.9	0.9
January-2018	29.0	29.0	3.2	7.6	3.2	0.0	4.8	26.3	0.7
February-2018	22.8	22.8	2.9	5.8	2.9	0.0	2.4	11.7	0.5
March-2018	p 15.9	p 15.9	p 2.8	p 4.5	p 2.9	p 0.0	p 2.2	p 11.2	p 0.4

*p: provisional*

**Table 9: Manufacturing: Yearly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D26</b>	<i>D269</i>	<b>D27</b>	<i>D271</i>	<i>D272</i>	<b>D28</b>	<i>D281</i>	<i>D289</i>	<b>D29</b>	<i>D292</i>
<i>weight</i>	<b>8.20</b>	8.20	<b>5.02</b>	2.02	2.65	<b>3.70</b>	1.55	2.15	<b>0.42</b>	0.42
March-2017	-2.3	-2.3	8.3	5.2	10.8	6.3	6.8	5.9	18.3	18.3
April-2017	-0.7	-0.7	6.7	4.9	8.1	6.3	6.8	5.9	0.0	0.0
May-2017	-0.7	-0.7	6.7	5.1	8.0	1.5	1.9	1.4	0.0	0.0
June-2017	-0.4	-0.4	6.2	4.2	7.8	0.4	0.5	0.5	0.0	0.0
July-2017	-0.8	-0.8	6.6	4.2	8.6	0.4	0.5	0.5	26.1	26.1
August-2017	-0.3	-0.3	12.2	12.8	11.7	0.0	0.5	-0.2	26.1	26.1
September-2017	0.0	0.0	14.1	14.8	13.6	2.5	0.9	3.7	26.1	26.1
October-2017	-0.2	-0.2	14.4	14.7	14.2	2.4	0.7	3.7	26.1	26.1
November-2017	-0.2	-0.2	14.4	14.7	14.2	2.3	0.7	3.6	26.1	26.1
December-2017	-1.5	-1.5	13.7	14.5	13.1	1.9	0.7	2.9	26.1	26.1
January-2018	-1.2	-1.2	12.9	14.3	11.8	1.9	0.7	2.9	26.1	26.1
February-2018	0.4	0.4	11.3	9.4	12.8	1.5	-0.2	3.0	26.1	26.1
March-2018	p 0.4	p 0.4	p 8.6	p 9.3	p 8.1	p 1.6	-p 0.2	p 3.0	p 26.1	p 26.1

*p: provisional*

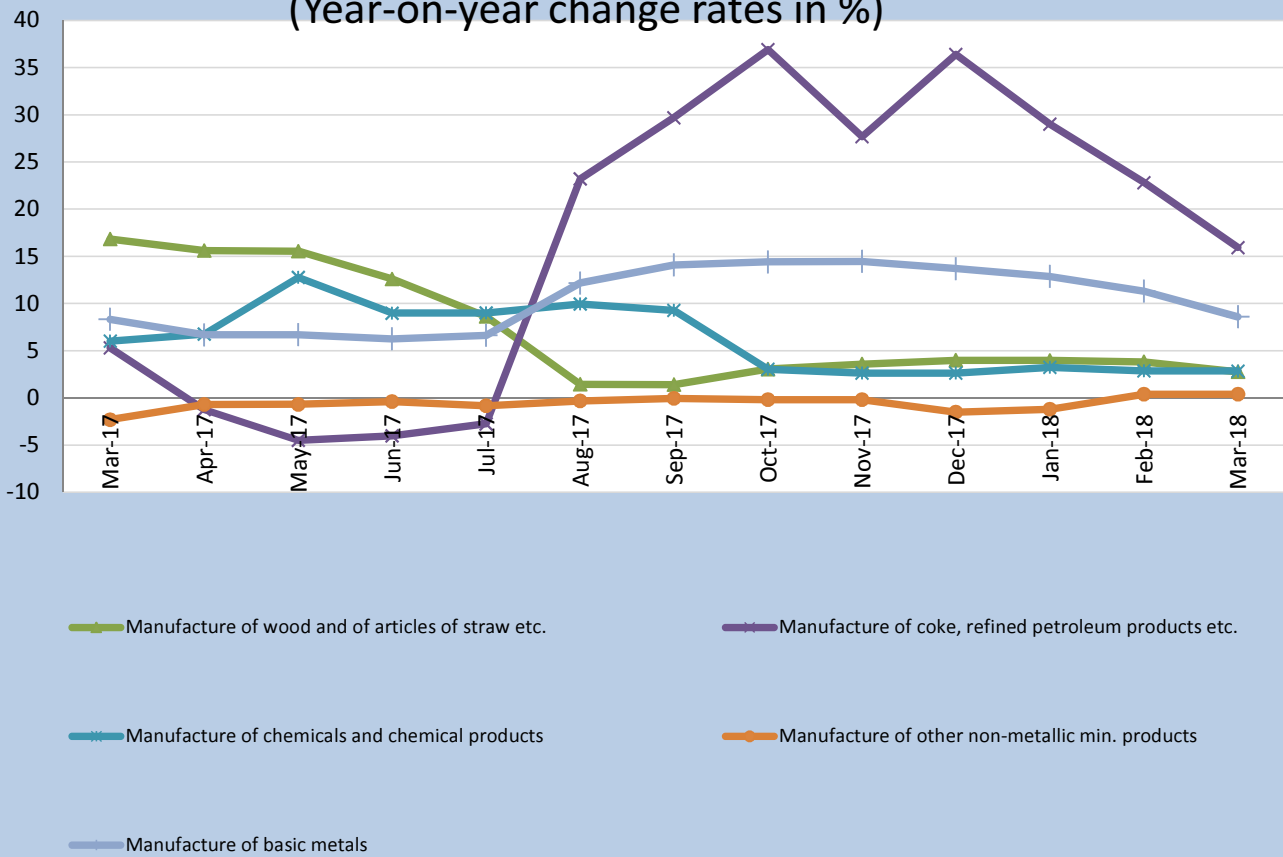
**Table 9: Manufacturing: Yearly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D31</b>	<i>D313</i>	<b>D34</b>	<i>D342</i>	<b>D36</b>	<i>D361</i>	<i>D369</i>
<i>weight</i>	<b>0.41</b>	<i>0.41</i>	<b>0.05</b>	<i>0.05</i>	<b>2.44</b>	<i>2.33</i>	<i>0.11</i>
March-2017	21.2	21.2	12.2	12.2	-1.0	-1.7	27.4
April-2017	-1.6	-1.6	3.9	3.9	3.8	3.1	30.9
May-2017	-1.6	-1.6	4.3	4.3	13.6	13.2	30.9
June-2017	-1.6	-1.6	11.6	11.6	12.1	11.6	27.1
July-2017	-1.8	-1.8	15.7	15.7	12.1	11.7	27.1
August-2017	-1.8	-1.8	17.1	17.1	12.2	11.8	27.1
September-2017	0.4	0.4	15.3	15.3	12.2	11.8	27.1
October-2017	0.4	0.4	17.8	17.8	11.5	11.1	27.1
November-2017	2.6	2.6	20.4	20.4	11.4	10.9	27.1
December-2017	2.6	2.6	20.8	20.8	12.2	11.7	28.5
January-2018	3.7	3.7	19.8	19.8	12.3	11.8	28.5
February-2018	3.6	3.6	14.6	14.6	12.2	11.8	26.0
March-2018	p 3.3	p 3.3	p 13.5	p 13.5	p 11.5	p 11.8	p 4.4

*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 2017 - March 2018 (%)**

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>	<b>100</b>	<b>25.64</b>	4.60	4.31	4.66	4.80	7.27	<b>4.27</b>	4.28
March-2017	1.5	0.6	0.9	1.5	0.0	0.0	0.0	0.2	0.2
April-2017	-1.5	-2.7	-17.7	0.0	0.0	1.7	0.0	-0.4	-0.4
May-2017	0.1	0.1	0.9	0.0	0.0	-0.1	0.0	0.0	0.0
June-2017	0.1	0.9	4.4	0.0	0.0	2.3	0.2	1.2	1.2
July-2017	0.0	-0.5	-3.0	0.0	0.0	0.1	0.0	-0.6	-0.6
August-2017	0.6	-0.1	1.4	0.0	0.0	-2.8	0.0	0.2	0.2
September-2017	1.9	-1.4	2.4	0.0	0.0	1.3	-6.9	1.8	1.8
October-2017	1.0	-0.2	-0.5	0.0	0.0	-1.4	0.0	0.0	0.0
November-2017	0.1	0.2	1.4	0.0	0.0	0.0	0.0	0.1	0.1
December-2017	1.4	-0.1	-0.4	0.0	0.0	0.0	0.0	0.1	0.1
January-2018	0.8	0.0	0.1	0.0	0.0	0.0	0.0	7.0	7.0
February-2018	0.0	-0.1	-0.9	0.0	0.0	0.0	0.0	0.0	0.0
March-2018	p -0.2	p 0.1	p -0.3	p 0.0	p 0.0	p 1.6	p 0.0	p 0.1	p 0.1

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D19</b>	<i>D192</i>	<b>D20</b>	<i>D201</i>	<i>D202</i>	<b>D21</b>	<i>D210</i>	<b>D22</b>	<i>D221</i>	<i>D222</i>
<i>weight</i>	<b>0.12</b>	<i>0.12</i>	<b>9.03</b>	<i>4.94</i>	<i>4.10</i>	<b>0.62</b>	<i>0.62</i>	<b>1.14</b>	<i>0.40</i>	<i>0.74</i>
March-2017	0.0	0.0	1.0	0.0	3.9	0.2	0.2	0.0	0.0	0.0
April-2017	0.0	0.0	-1.0	0.0	-4.0	-0.6	-0.6	0.0	0.0	0.0
May-2017	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
June-2017	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0
July-2017	0.0	0.0	0.2	0.0	0.6	0.1	0.1	0.0	0.0	0.0
August-2017	0.0	0.0	1.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0
September-2017	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
October-2017	0.0	0.0	1.5	0.0	4.6	-0.1	-0.1	0.0	0.0	0.0
November-2017	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
December-2017	0.0	0.0	0.9	1.5	0.5	0.0	0.0	0.0	0.0	0.0
January-2018	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.7
February-2018	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
March-2018	p 0.0	p 0.0	p -0.0	p 0.0	p -0.0	p -0.0	p -0.0	p 0.0	p 0.0	p 0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for March 2017 - March 2018 (%)**

*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>	<b>D23</b>	<i>D232</i>	<b>D24</b>	<i>D241</i>	<i>D242</i>	<i>D243</i>	<b>D25</b>	<i>D251</i>	<i>D252</i>
<i>weight</i>	<b>22.94</b>	<i>22.94</i>	<b>10.15</b>	<i>0.54</i>	<i>9.45</i>	<i>0.16</i>	<b>3.90</b>	<i>0.76</i>	<i>3.14</i>
March-2017	4.8	4.8	0.0	1.3	0.0	0.0	0.2	0.4	0.1
April-2017	-2.5	-2.5	0.0	-3.0	0.0	0.0	-0.4	-1.2	-0.3
May-2017	-3.2	-3.2	5.6	0.0	5.8	0.0	1.1	4.1	0.5
June-2017	0.0	0.0	-3.2	4.1	-3.4	0.0	0.4	2.2	0.0
July-2017	0.0	0.0	0.0	1.7	0.0	0.0	1.3	7.5	0.0
August-2017	1.1	1.1	0.9	1.4	0.9	0.0	-0.5	-2.8	0.0
September-2017	8.5	8.5	-0.5	-0.6	-0.5	0.0	0.6	2.2	0.2
October-2017	4.0	4.0	0.0	0.4	0.0	0.0	-0.4	-2.2	0.0
November-2017	0.4	0.4	-0.4	0.0	-0.4	0.0	0.0	0.2	0.0
December-2017	6.7	6.7	0.0	0.0	0.0	0.0	-0.1	-0.9	0.0
January-2018	1.4	1.4	0.6	0.4	0.6	0.0	1.8	10.9	0.0
February-2018	0.2	0.2	0.0	0.0	0.0	0.0	-1.5	-8.1	0.0
March-2018	p -1.1	p -1.1	p 0.0	p 0.0	p 0.0	p 0.0	p -0.0	p -0.1	p -0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for March 2017 - March 2018 (%)**
*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>	<b>D26</b>	<i>D269</i>	<b>D27</b>	<i>D271</i>	<i>D272</i>	<b>D28</b>	<i>D281</i>	<i>D289</i>	<b>D29</b>	<i>D292</i>
<i>weight</i>	<b>8.20</b>	<i>8.20</i>	<b>5.02</b>	<i>2.02</i>	<i>2.65</i>	<b>3.70</b>	<i>1.55</i>	<i>2.15</i>	<b>0.42</b>	<i>0.42</i>
March-2017	0.0	0.0	2.5	0.1	4.3	0.0	0.0	-0.1	0.0	0.0
April-2017	-0.2	-0.2	-1.5	-0.4	-2.4	0.0	0.0	0.0	0.0	0.0
May-2017	0.2	0.2	0.3	0.3	0.3	-0.4	-0.4	-0.3	0.0	0.0
June-2017	0.8	0.8	-0.3	-0.8	0.0	0.2	0.4	0.0	0.0	0.0
July-2017	0.0	0.0	0.7	0.0	1.2	0.0	0.0	0.0	26.1	26.1
August-2017	0.5	0.5	3.6	8.3	0.2	0.0	0.0	0.0	0.0	0.0
September-2017	0.0	0.0	4.0	1.8	5.7	2.3	0.0	4.0	0.0	0.0
October-2017	0.0	0.0	0.3	0.0	0.6	-0.1	-0.2	0.0	0.0	0.0
November-2017	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
December-2017	-1.3	-1.3	0.0	0.0	0.1	-0.4	0.0	-0.7	0.0	0.0
January-2018	0.5	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
February-2018	0.0	0.0	1.2	0.0	2.1	0.0	0.0	0.1	0.0	0.0
March-2018	p 0.0	p 0.0	p -0.0	p -0.0	p -0.0	p -0.0	p 0.0	p -0.0	p 0.0	p 0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for March 2017 - March 2018 (%)**

*contd.*

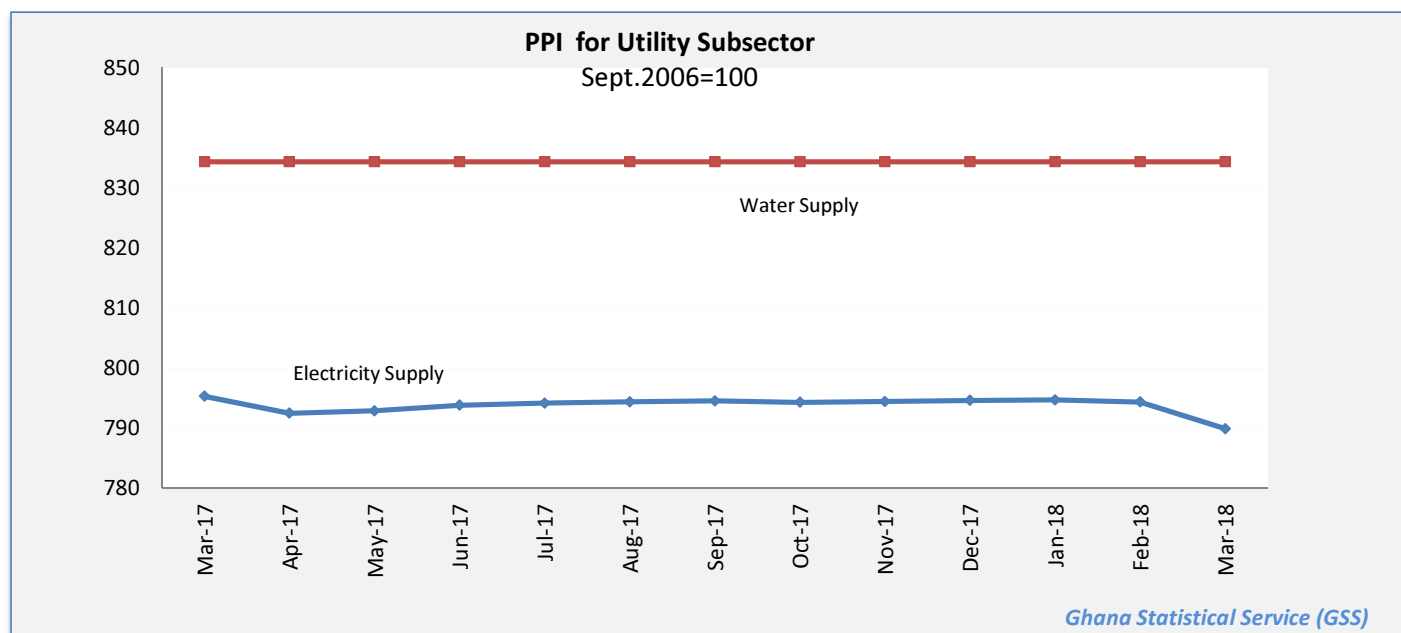
Year / Month	Manufacture of electrical machinery and apparatus n.e.c.	Manufacture of insulated wire and cable	Manufacture of motor vehicles, trailers and semi-trailers	Manufacture of bodies for motor vehicles, trailers and semi-trailers	Manufacture of furniture; manufacturing n.e.c.	Manufacture of furniture	Manufacturing n.e.c.
<i>ISIC</i>	<b>D31</b>	<i>D313</i>	<b>D34</b>	<i>D342</i>	<b>D36</b>	<i>D361</i>	<i>D369</i>
<i>weight</i>	<b>0.41</b>	<i>0.41</i>	<b>0.05</b>	<i>0.05</i>	<b>2.44</b>	<i>2.33</i>	<i>0.11</i>
March-2017	0.3	0.3	3.1	3.1	0.6	0.1	20.6
April-2017	-0.1	-0.1	-6.1	-6.1	0.0	0.0	0.4
May-2017	0.0	0.0	0.1	0.1	9.5	9.8	0.0
June-2017	0.0	0.0	8.1	8.1	0.7	0.6	3.0
July-2017	0.0	0.0	3.4	3.4	0.1	0.1	0.0
August-2017	0.0	0.0	2.9	2.9	0.0	0.0	0.0
September-2017	2.2	2.2	-1.2	-1.2	0.0	0.0	0.0
October-2017	0.0	0.0	0.8	0.8	0.0	0.0	0.0
November-2017	0.0	0.0	0.2	0.2	0.0	0.0	0.0
December-2017	0.0	0.0	1.1	1.1	0.9	0.9	1.0
January-2018	1.0	1.0	3.4	3.4	0.1	0.1	0.0
February-2018	0.0	0.0	-1.2	-1.2	0.0	0.0	0.0
March-2018	p -0.0	p -0.0	p 2.1	p 2.1	p 0.0	p 0.0	p 0.0

*p: provisional*

**Table 11: Utilities: Producer Price Index (Sept 2006=100) for March 2017 - March 2018**

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>	<b>100.00</b>	<b>93.25</b>	93.25	<b>6.75</b>	6.75
March-2017	797.8	795.3	795.3	834.4	834.4
April-2017	795.2	792.5	792.5	834.4	834.4
May-2017	795.6	792.9	792.9	834.4	834.4
June-2017	796.5	793.9	793.9	834.4	834.4
July-2017	796.8	794.2	794.2	834.4	834.4
August-2017	797.0	794.4	794.4	834.4	834.4
September-2017	797.1	794.6	794.6	834.4	834.4
October-2017	796.9	794.3	794.3	834.4	834.4
November-2017	797.0	794.5	794.5	834.4	834.4
December-2017	797.2	794.6	794.6	834.4	834.4
January-2018	797.3	794.7	794.7	834.4	834.4
February-2018	796.9	794.4	794.4	834.4	834.4
March-2018	p 792.8	p 789.9	p 789.9	p 834.4	p 834.4

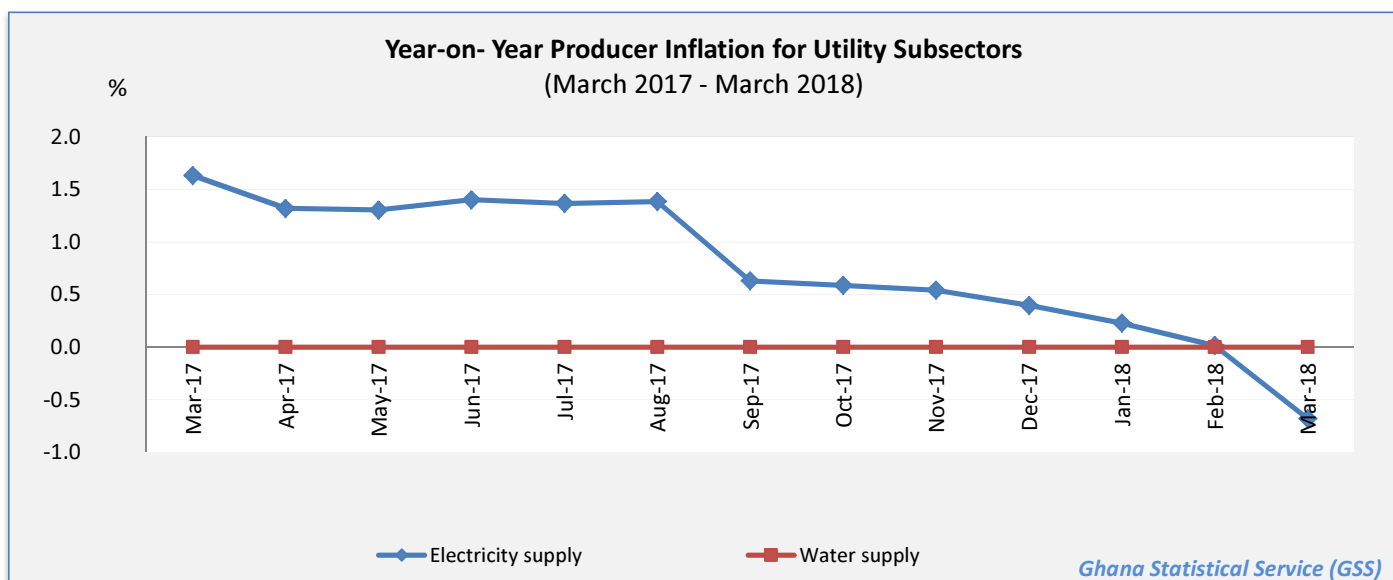
*p: provisional*



**Table 12: Utilities: Yearly Change Rates for March 2017 - March 2018 (%)**

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>	<b>100.00</b>	<b>93.25</b>	<b>93.25</b>	<b>6.75</b>	<b>6.75</b>
March-2017	1.5	1.6	1.6	0.0	0.0
April-2017	1.2	1.3	1.3	0.0	0.0
May-2017	1.2	1.3	1.3	0.0	0.0
June-2017	1.3	1.4	1.4	0.0	0.0
July-2017	1.3	1.4	1.4	0.0	0.0
August-2017	1.3	1.4	1.4	0.0	0.0
September-2017	0.6	0.6	0.6	0.0	0.0
October-2017	0.5	0.6	0.6	0.0	0.0
November-2017	0.5	0.5	0.5	0.0	0.0
December-2017	0.4	0.4	0.4	0.0	0.0
January-2018	0.2	0.2	0.2	0.0	0.0
February-2018	0.0	0.0	0.0	0.0	0.0
March-2018	-p 0.6	-p 0.7	-p 0.7	p 0.0	p 0.0

*p: provisional*



**Table 13: Utilities: Monthly Change Rates for March 2017 - March 2018 (%)**

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-2017	0.1	0.1	0.1	0.0	0.0
April-2017	-0.3	-0.4	-0.4	0.0	0.0
May-2017	0.0	0.0	0.0	0.0	0.0
June-2017	0.1	0.1	0.1	0.0	0.0
July-2017	0.0	0.0	0.0	0.0	0.0
August-2017	0.0	0.0	0.0	0.0	0.0
September-2017	0.0	0.0	0.0	0.0	0.0
October-2017	0.0	0.0	0.0	0.0	0.0
November-2017	0.0	0.0	0.0	0.0	0.0
December-2017	0.0	0.0	0.0	0.0	0.0
January-2018	0.0	0.0	0.0	0.0	0.0
February-2018	0.0	0.0	0.0	0.0	0.0
March-2018	-p 0.5	-p 0.6	-p 0.6	p 0.0	p 0.0

*p: provisional*

