



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

Statistical Bulletin

**(PRODUCER PRICE INDEX PPI)**  
**September, 2019**

Ghana Statistical Service (GSS)

**Statistical Bulletin**

PRODUCER PRICE INDEX (PPI)

**September, 2019**

**Date: October 16, 2019**

**Producer Price Index (PPI)**  
**SEPTEMBER 2019**

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## HIGHLIGHTS FOR SEPTEMBER 2019

### Producer Price Inflation Rate in September 2019 is 9.7%

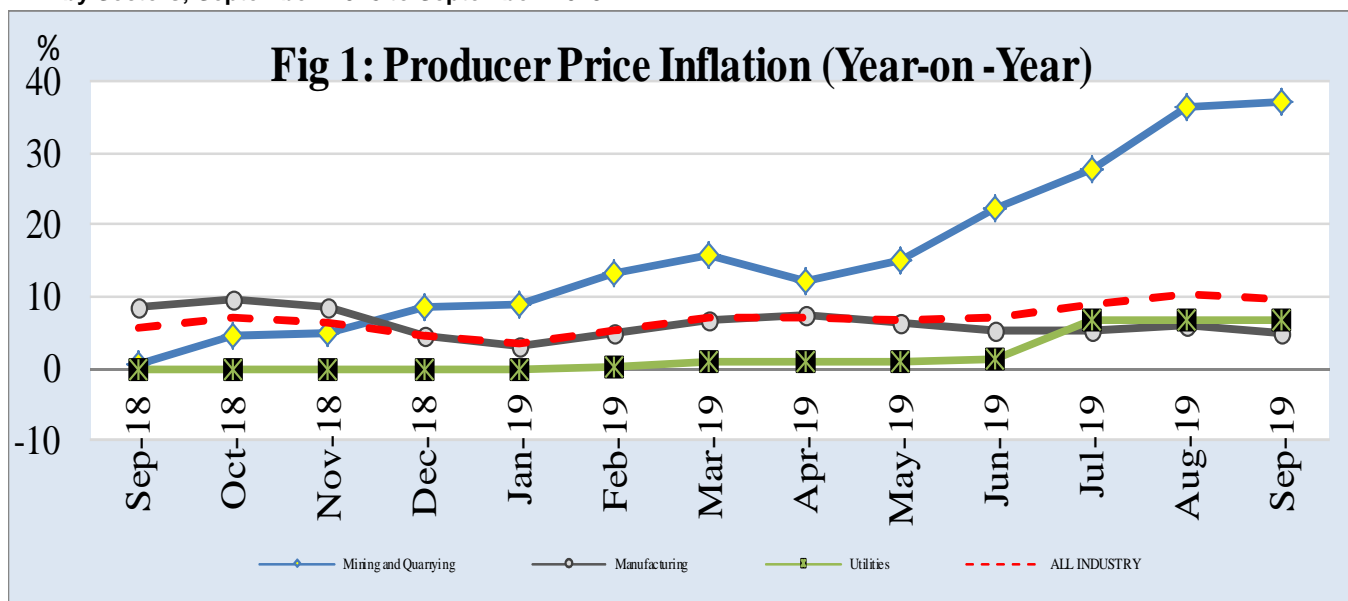
The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers for the production of their goods and services. The PPI for Ghana reports the producer price indices with reference to September 2006, the base period. This release shows the annual (year-on-year) 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 September 2019 are provisional, and are subject to revision when additional data become available. All other indicators are final.

The Producer Price Inflation rate for September 2019 was 9.7 percent. This rate indicates that between September 2018 and September 2019 (year-on-year), the PPI increased by 9.7 percent. This rate represents a 0.5 percentage point decrease in producer inflation relative to the rate recorded in August 2019 (10.2%). The month-on-month change in producer price index between August 2019 and September 2019 was 0.1 percent .

The producer price inflation in the Mining and Quarrying sub-sector increased by 0.6 percentage points over the August 2019 rate of 36.5 percent to record 37.1 percent in September 2019. The producer inflation for Manufacturing which constitutes more than two-thirds of total industry decreased by 0.9 percentage points to record 4.9 percent. The utilities sub-sector recorded 0.1 percentage points increase over the August 2019 rate of 6.8 percent.

During the month of September 2019, eight out of the sixteen major groups in the manufacturing sub-sector recorded inflation rates higher than the sector average of 4.9 percent. Manufacture of machinery and equipment n.e.c. recorded the highest inflation rate of 24.7 percent, while Tanning and dressing of leather products recorded the least inflation rate of 0.0 percent

#### PPI by Sectors; September 2018 to September 2019



**Manufacture of coke, refined petroleum products etc:** Annual rate was 0.7 percent for September 2019, as compare to 3.1 percent in August 2019.

**Manufacture of other non-metallic mineral product:** Annual rate was 12.1 percent for September 2019, as compared to 12.4 percent in August 2019.

**Manufacture of chemicals and other chemical products:** Annual rate was 5.7 percent in August 2019 and remained unchanged in September 2019.

**Electricity and Water Supply:** the inflation rate was 6.9 percent in September 2019 compared to 6.8 percent last month.

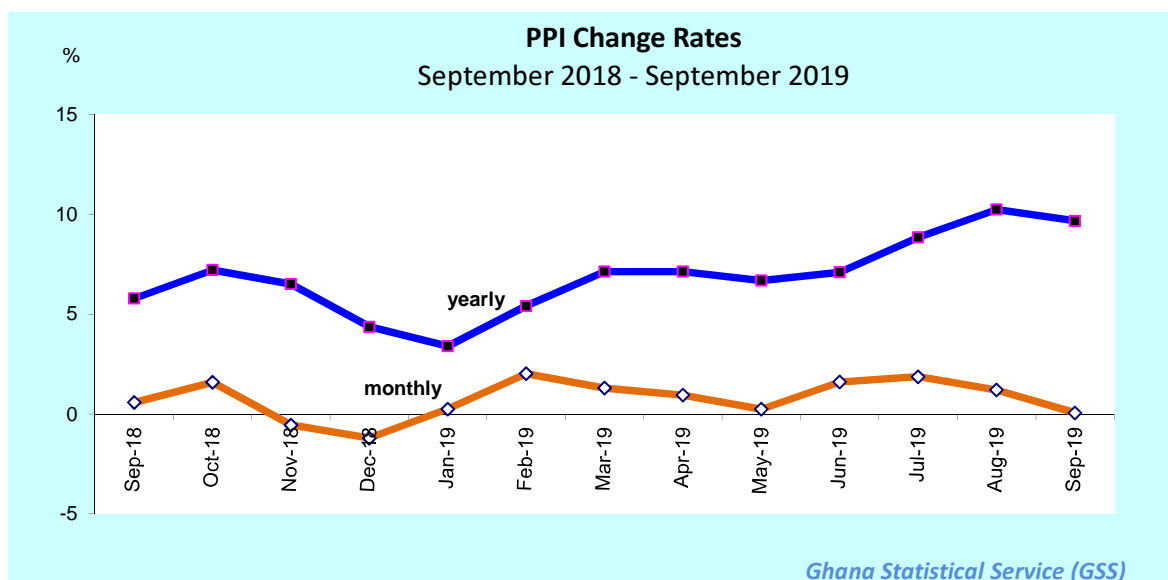
More detailed time series data is posted on the GSS website [[www.statsghana.gov.gh](http://www.statsghana.gov.gh)].

**The next release date is 20th November 2019**

**Table 1: Producer Price Index for September 2018 - September 2019**

Year / Month	Index level	Monthly	Yearly
	Sept 2006=100	Change Rate (%)	
September-18	600.4	0.6	5.8
October-18	610.0	1.6	7.2
November-18	606.6	-0.6	6.5
December-18	599.3	-1.2	4.4
January-19	600.8	0.3	3.4
February-19	612.9	2.0	5.4
March-19	620.9	1.3	7.1
April-19	626.7	0.9	7.1
May-19	628.2	0.2	6.7
June-19	638.3	1.6	7.1
July-19	650.3	1.9	8.8
August-19	658.1	1.2	10.2
September-19	p 658.5	p 0.1	p 9.7

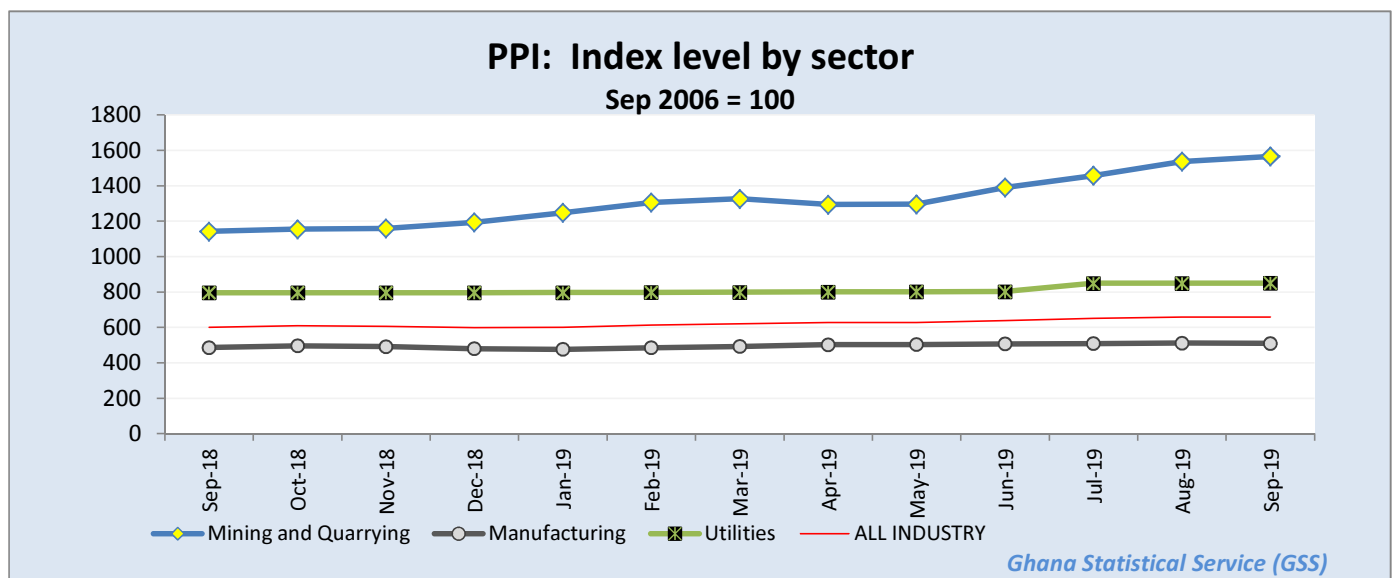
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**Table 2: Producer Price Index (Sep.2006=100) by sectors for September 2018 - September 2019**

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
September-2018	1,142.5	485.7	795.7	600.4
October-2018	1,154.9	495.8	796.0	610.0
November-2018	1,159.3	491.4	796.0	606.6
December-2018	1,193.4	479.6	796.2	599.3
January-2019	1,247.7	476.4	796.9	600.8
February-2019	1,305.4	485.4	797.9	612.9
March-2019	1,326.6	492.7	799.1	620.9
April-2019	1,294.1	502.0	801.0	626.7
May-2019	1,296.2	503.6	801.2	628.2
June-2019	1,390.3	507.2	802.2	638.3
July-2019	1,457.5	508.7	849.6	650.3
August-2019	1,537.0	511.5	849.7	658.1
September-2019	p 1,565.9	p 509.7	p 850.0	p 658.5

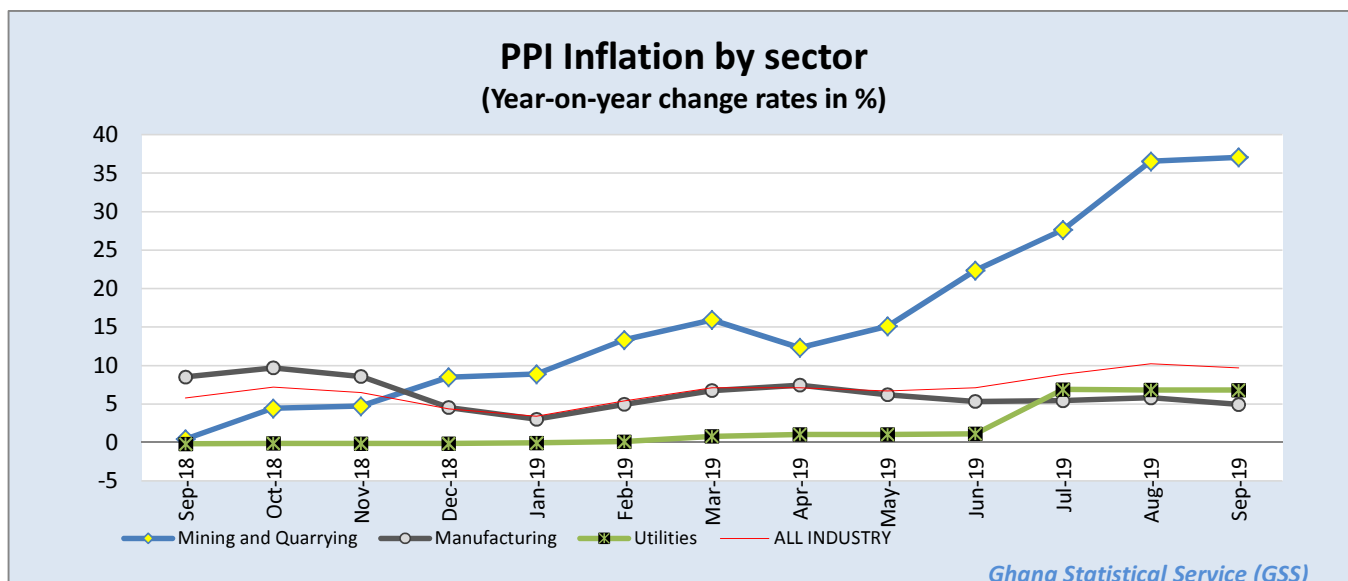
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**Table 3: Producer Price Index: Yearly Change Rates by Sector for September 2018 - September 2019 (%)**

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>
September-2018	0.4	8.5	-0.2	5.8
October-2018	4.4	9.7	-0.1	7.2
November-2018	4.7	8.6	-0.1	6.5
December-2018	8.5	4.5	-0.1	4.4
January-2019	8.9	3.0	-0.0	3.4
February-2019	13.3	5.0	0.1	5.4
March-2019	15.9	6.8	0.8	7.1
April-2019	12.3	7.5	1.0	7.1
May-2019	15.1	6.2	1.1	6.7
June-2019	22.4	5.3	1.1	7.1
July-2019	27.6	5.4	6.9	8.8
August-2019	36.5	5.8	6.8	10.2
September-2019	p 37.1	p 4.9	p 6.8	p 9.7

*p: provisional*

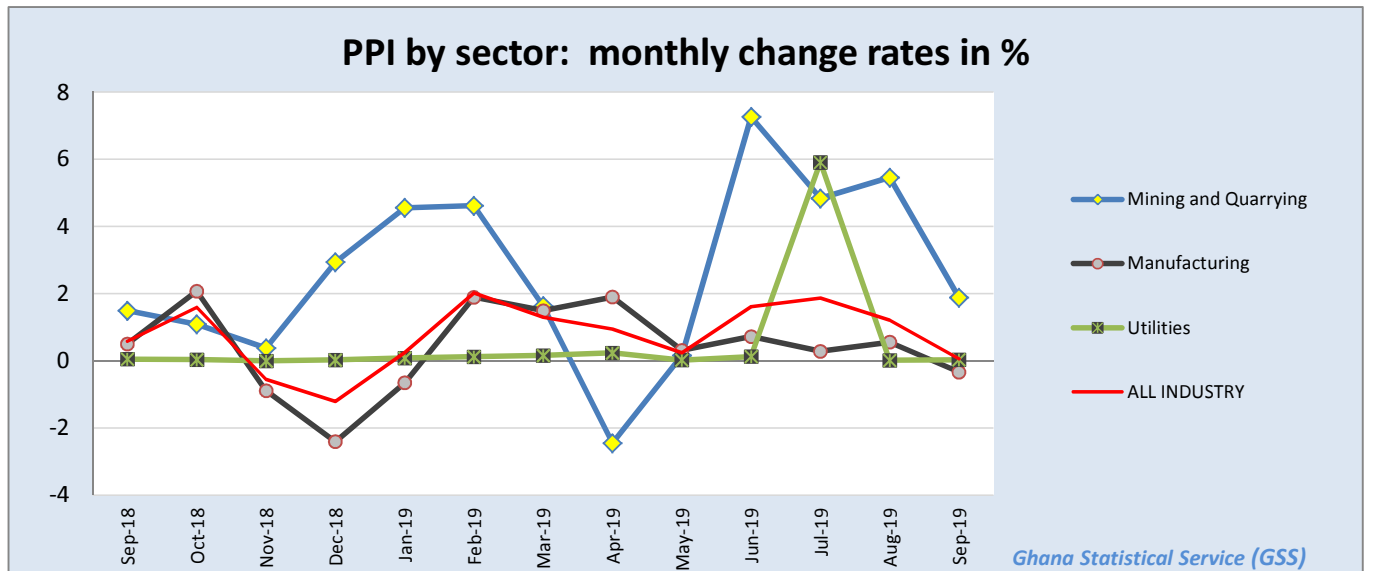




**Table 4: Producer Price Index: Monthly Change Rates by Sector for September 2018 - September 2019 (%)**

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
September-2018	1.5	0.5	0.1	0.6
October-2018	1.1	2.1	0.0	1.6
November-2018	0.4	-0.9	-0.0	-0.6
December-2018	2.9	-2.4	0.0	-1.2
January-2019	4.6	-0.7	0.1	0.3
February-2019	4.6	1.9	0.1	2.0
March-2019	1.6	1.5	0.2	1.3
April-2019	-2.5	1.9	0.2	0.9
May-2019	0.2	0.3	0.0	0.2
June-2019	7.3	0.7	0.1	1.6
July-2019	4.8	0.3	5.9	1.9
August-2019	5.5	0.6	0.0	1.2
September-2019	p 1.9	p -0.3	p 0.0	p 0.1

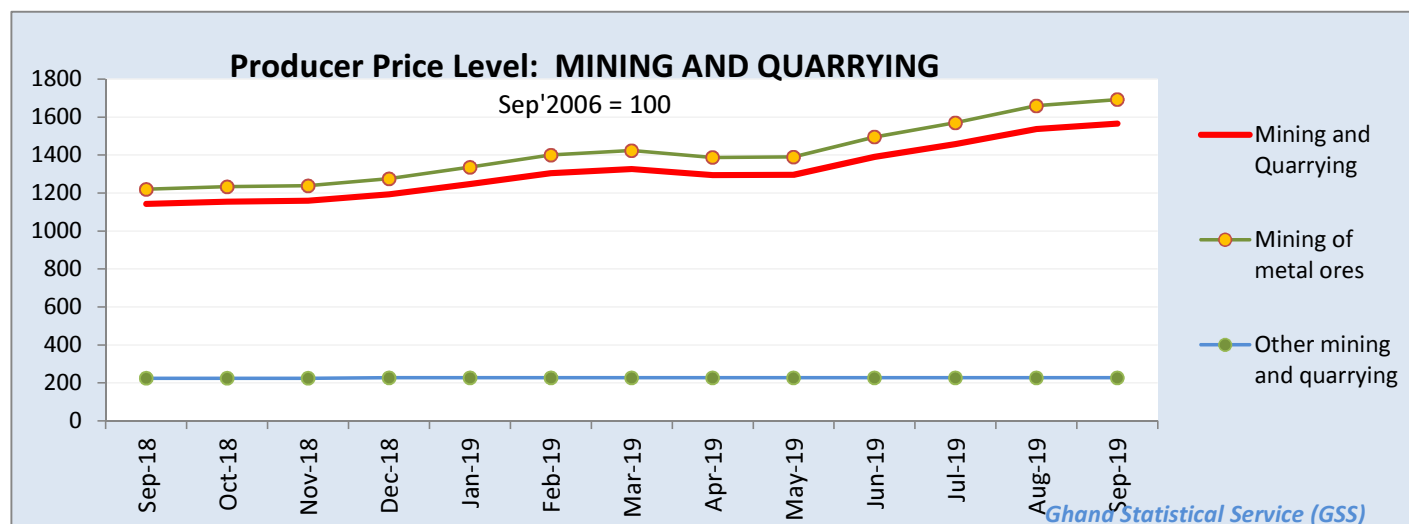
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**Table 5: Mining And Quarrying: Producer Price Index (Sept 2006=100) September 2018 - September 2019**

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
September-2018	1142.5	1219.6	1219.6	224.7	183.8	494.9
October-2018	1154.9	1233.4	1233.4	224.7	183.8	494.9
November-2018	1159.3	1238.2	1238.2	224.7	183.8	494.9
December-2018	1193.4	1275.6	1275.6	226.9	183.8	519.3
January-2019	1247.7	1336.1	1336.1	226.9	183.8	519.3
February-2019	1305.4	1400.4	1400.4	226.9	183.8	519.3
March-2019	1326.6	1424.1	1424.1	226.9	183.8	519.3
April-2019	1294.1	1387.8	1387.8	226.9	183.8	519.3
May-2019	1296.2	1390.1	1390.1	226.9	183.8	519.3
June-2019	1390.3	1495.2	1495.2	226.9	183.8	519.3
July-2019	1457.5	1570.5	1570.5	226.9	183.8	519.3
August-2019	1537.0	1659.8	1659.8	226.9	183.8	519.3
September-2019	p 1565.9	p 1692.2	p 1692.2	p 226.9	p 183.8	p 519.3

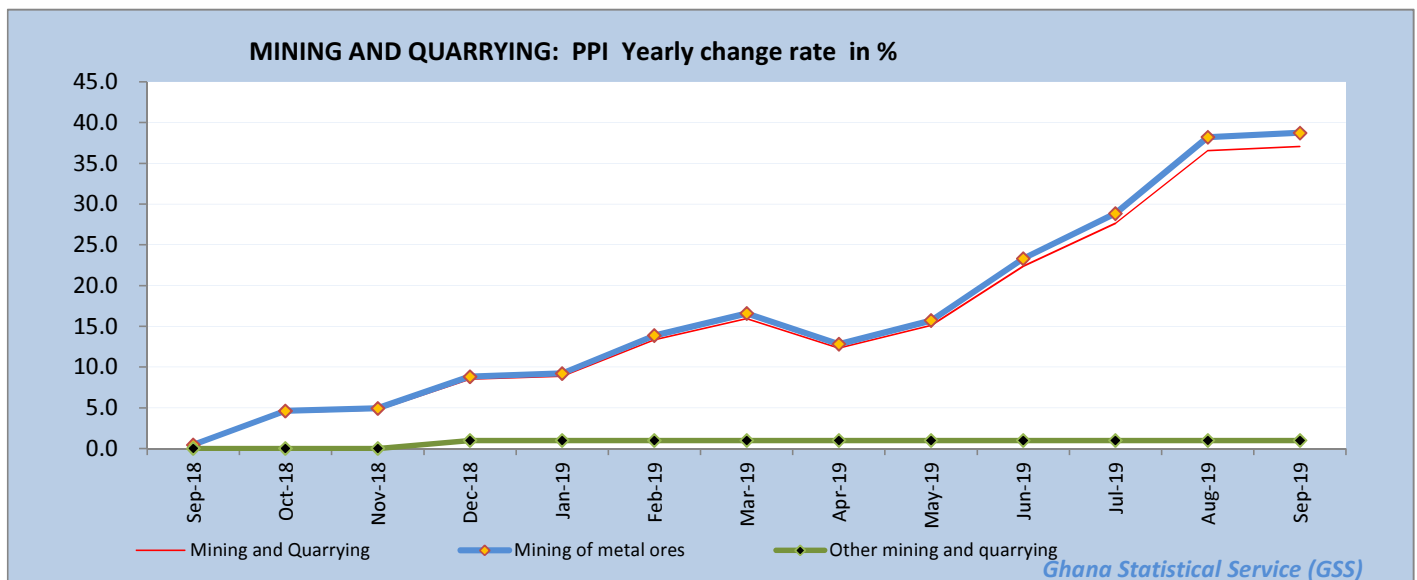
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**Table 6: Mining and Quarrying: Yearly Change Rates for September 2018 - September 2019 (%)**

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
September-2018	0.4	0.4	0.4	0.0	0.0	0.0
October-2018	4.4	4.6	4.6	0.0	0.0	0.0
November-2018	4.7	4.9	4.9	0.0	0.0	0.0
December-2018	8.5	8.8	8.8	1.0	0.0	4.9
January-2019	8.9	9.2	9.2	1.0	0.0	4.9
February-2019	13.3	13.9	13.9	1.0	0.0	4.9
March-2019	15.9	16.6	16.6	1.0	0.0	4.9
April-2019	12.3	12.8	12.8	1.0	0.0	4.9
May-2019	15.1	15.7	15.7	1.0	0.0	4.9
June-2019	22.4	23.3	23.3	1.0	0.0	4.9
July-2019	27.6	28.9	28.9	1.0	0.0	4.9
August-2019	36.5	38.2	38.2	1.0	0.0	4.9
September-2019	p 37.1	p 38.8	p 38.8	p 1.0	p 0.0	p 4.9

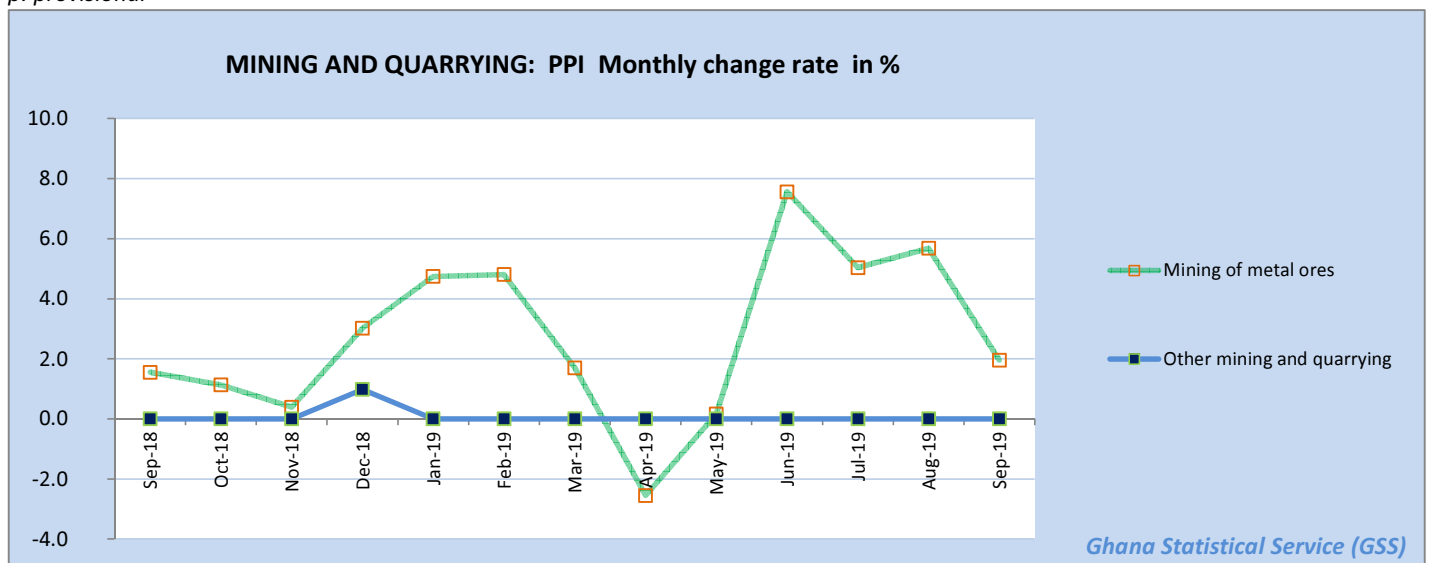
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**Table 7: Mining and Quarrying: Monthly Change Rates for September 2018 - September 2019 (%)**

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
September-2018	1.5	1.6	1.6	0.0	0.0	0.0
October-2018	1.1	1.1	1.1	0.0	0.0	0.0
November-2018	0.4	0.4	0.4	0.0	0.0	0.0
December-2018	2.9	3.0	3.0	1.0	0.0	4.9
January-2019	4.6	4.7	4.7	0.0	0.0	0.0
February-2019	4.6	4.8	4.8	0.0	0.0	0.0
March-2019	1.6	1.7	1.7	0.0	0.0	0.0
April-2019	-2.5	-2.5	-2.5	0.0	0.0	0.0
May-2019	0.2	0.2	0.2	0.0	0.0	0.0
June-2019	7.3	7.6	7.6	0.0	0.0	0.0
July-2019	4.8	5.0	5.0	0.0	0.0	0.0
August-2019	5.5	5.7	5.7	0.0	0.0	0.0
September-2019	p 1.9	p 2.0	p 2.0	p 0.0	p 0.0	p 0.0

*p: provisional*



**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for September 2018 - September 2019**

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
September-2018	485.7	442.4	614.8	357.2	543.4	571.4	365.0	599.4	599.4
October-2018	495.8	442.9	618.9	357.2	543.4	571.7	365.0	599.6	599.6
November-2018	491.4	442.5	615.2	357.2	543.4	571.7	365.0	599.6	599.6
December-2018	479.6	440.9	600.6	357.2	543.4	571.9	365.0	599.8	599.8
January-2019	476.4	445.6	638.2	357.2	543.4	579.4	365.0	600.4	600.4
February-2019	485.4	452.1	652.8	357.2	578.1	580.4	365.0	616.0	616.0
March-2019	492.7	464.4	664.2	387.6	578.1	581.7	365.0	617.2	617.2
April-2019	502.0	461.4	637.1	387.6	578.1	581.0	365.0	616.5	616.5
May-2019	503.6	465.4	642.0	387.6	578.1	581.1	375.2	616.8	616.8
June-2019	507.2	467.2	648.7	387.6	578.1	593.8	375.2	617.8	617.8
July-2019	508.7	467.2	648.3	387.6	578.1	594.3	375.2	617.6	617.6
August-2019	511.5	467.8	653.7	387.6	578.1	594.7	375.2	617.4	617.4
September-2019	p 509.7	p 469.4	p 667.7	p 387.6	p 578.1	p 595.7	p 375.2	p 617.3	p 617.3

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for September 2018 - September 2019**

*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
September-2018	533.9	533.9	354.7	376.2	300.2	538.6	538.6	780.6	665.2	851.8
October-2018	533.9	533.9	354.7	376.2	300.5	539.0	539.0	780.6	665.2	851.8
November-2018	533.9	533.9	354.7	376.2	300.3	539.0	539.0	780.6	665.2	851.8
December-2018	533.9	533.9	354.7	376.2	300.4	539.3	539.3	780.6	665.2	851.8
January-2019	533.9	533.9	354.8	376.2	300.8	540.2	540.2	780.6	665.2	851.8
February-2019	533.9	533.9	354.9	376.2	301.1	541.5	541.5	780.6	665.2	851.8
March-2019	533.9	533.9	355.1	376.2	301.5	543.2	543.2	780.6	665.2	851.8
April-2019	533.9	533.9	354.9	376.2	301.1	533.4	533.4	782.1	665.2	854.4
May-2019	533.9	533.9	354.9	376.2	301.1	557.9	557.9	782.1	665.2	854.4
June-2019	533.9	533.9	355.1	376.2	301.6	535.0	535.0	794.0	665.2	874.5
July-2019	533.9	533.9	355.1	376.2	301.7	561.6	561.6	794.0	665.2	874.5
August-2019	533.9	533.9	355.1	376.2	301.6	561.7	561.7	794.0	665.2	874.5
September-2019	p 533.9	p 533.9	p 355.1	p 376.2	p 301.7	p 562.0	p 562.0	p 794.0	p 665.2	p 874.5

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for September 2018 - September 2019**  
*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>	D232	<b>D24</b>	D241	D242	D243	<b>D25</b>	D251	D252
<i>weight</i>	22.94	22.94	<b>10.15</b>	0.54	9.45	0.16	<b>3.90</b>	0.76	3.14
September-2018	528.3	528.3	464.0	409.8	474.8	128.8	423.9	317.4	450.9
October-2018	570.3	570.3	464.0	411.4	474.8	128.8	424.4	318.7	451.0
November-2018	549.6	549.6	464.0	411.3	474.8	128.8	424.3	318.7	451.0
December-2018	494.2	494.2	464.1	412.3	474.8	128.8	433.5	319.5	462.6
January-2019	472.6	472.6	464.1	415.8	474.8	128.8	434.5	322.5	462.9
February-2019	497.1	497.1	466.6	421.1	477.4	128.8	435.9	326.9	463.4
March-2019	510.3	510.3	469.5	428.0	480.3	128.8	438.5	332.9	464.9
April-2019	546.2	546.2	484.8	424.1	496.5	128.8	437.4	329.5	464.6
May-2019	547.6	547.6	484.8	425.0	496.5	128.8	437.7	330.3	464.7
June-2019	536.6	536.6	484.9	430.6	496.5	128.8	439.2	335.1	465.2
July-2019	533.8	533.8	490.5	431.2	502.4	128.8	439.3	335.7	465.2
August-2019	542.2	542.2	490.5	431.8	502.4	128.8	439.5	336.2	465.3
September-2019	p 531.8	p 531.8	p 490.5	p 433.1	p 502.4	p 128.8	p 439.8	p 337.3	p 465.4

*p: provisional*

**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for September 2018 - September 2019**
*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
September-2018	488.5	488.5	488.7	585.1	426.1	670.3	553.5	769.4	1065.3	1065.3
October-2018	497.8	497.8	489.5	585.4	427.2	670.3	553.5	769.5	1065.3	1065.3
November-2018	497.5	497.5	489.5	585.4	427.2	670.5	553.5	769.9	1065.3	1065.3
December-2018	497.8	497.8	490.1	585.5	428.0	675.0	556.0	776.2	1065.3	1065.3
January-2019	498.3	498.3	491.9	586.0	430.5	675.0	556.0	776.3	1065.3	1065.3
February-2019	498.4	498.4	494.7	586.8	434.4	677.7	556.0	781.7	1065.3	1065.3
March-2019	498.7	498.7	498.4	587.8	439.5	677.8	556.0	781.9	1065.3	1065.3
April-2019	498.7	498.7	517.8	587.3	470.5	677.8	556.0	781.8	1065.3	1065.3
May-2019	498.2	498.2	517.5	587.3	470.0	677.8	556.0	781.8	1065.3	1065.3
June-2019	538.2	538.2	521.3	588.2	475.6	692.9	556.0	812.0	1328.8	1328.8
July-2019	547.4	547.4	524.7	598.2	474.8	697.4	556.0	821.0	1328.8	1328.8
August-2019	547.2	547.2	525.0	598.2	475.3	727.1	556.0	881.3	1328.8	1328.8
September-2019	p 547.4	p 547.4	p 525.6	p 598.2	p 476.3	p 727.4	p 556.0	p 882.0	p 1328.8	p 1328.8

*p: provisional*



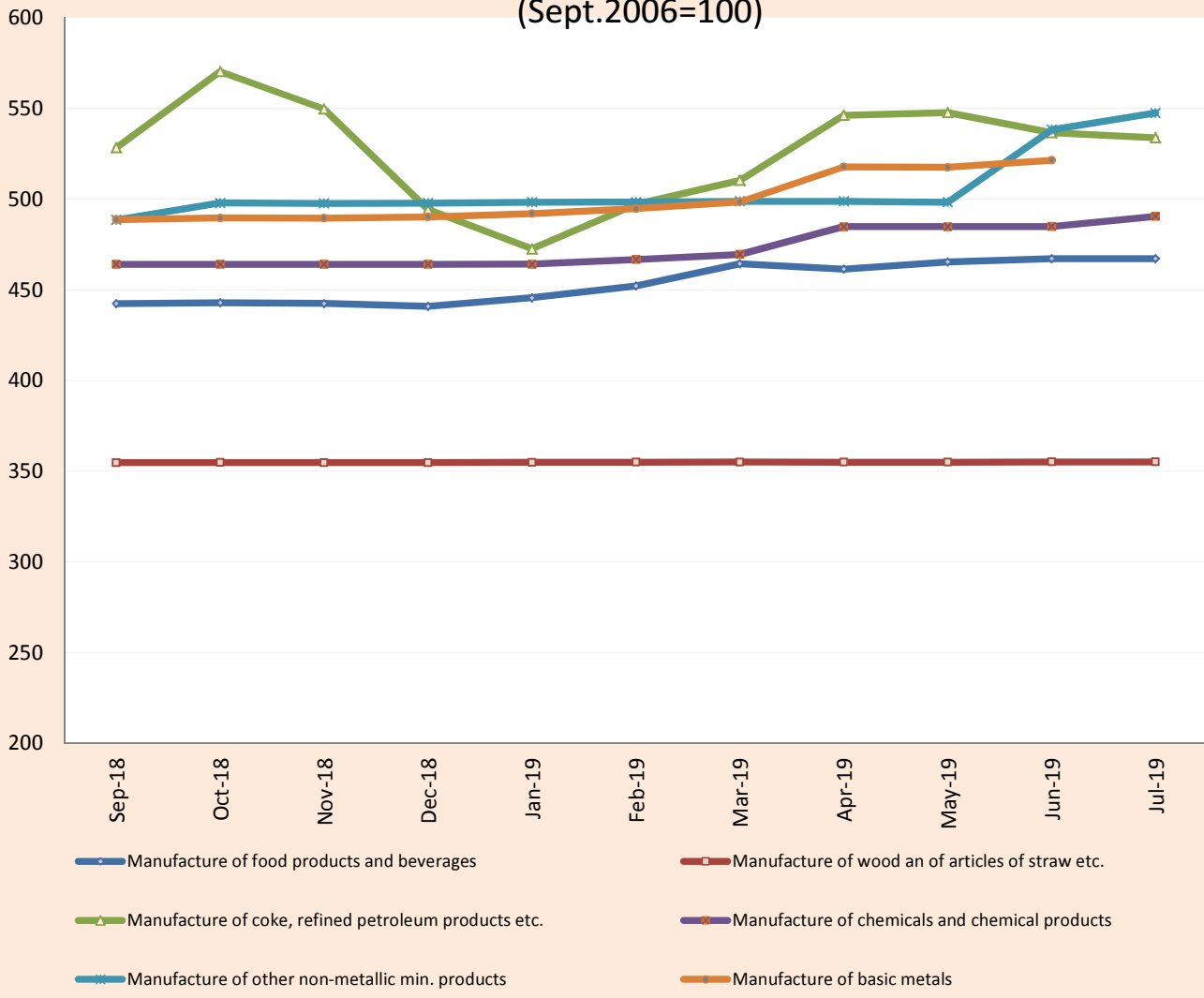
**Table 8: Manufacturing Producer Price Index (Sept 2006=100) for September 2018 - September 2019**

*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>
September-2018	387.1	387.1	529.3	529.3	688.0	684.9	804.3
October-2018	387.2	387.2	537.9	537.9	688.0	684.9	804.3
November-2018	387.2	387.2	532.3	532.3	688.0	684.9	804.3
December-2018	387.2	387.2	535.7	535.7	688.3	684.9	814.9
January-2019	387.2	387.2	546.0	546.0	698.9	695.7	818.1
February-2019	387.3	387.3	556.2	556.2	724.7	722.1	818.1
March-2019	387.4	387.4	572.1	572.1	726.6	724.1	818.1
April-2019	387.3	387.3	558.5	558.5	727.4	724.9	818.1
May-2019	387.3	387.3	558.6	558.6	727.4	724.9	818.1
June-2019	387.4	387.4	578.6	578.6	727.4	724.9	818.1
July-2019	387.4	387.4	576.1	576.1	727.0	724.5	818.1
August-2019	387.4	387.4	572.6	572.6	727.4	724.9	818.1
September-2019	p 387.5	p 387.5	p 571.4	p 571.4	p 727.4	p 724.9	p 818.1

*p: provisional*

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



*Ghana Statistical Service (GSS)*

**Table 9: Manufacturing: Yearly Change Rates for September 2018 - September 2019 (%)**

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>	D151	D152	D153	D154	D155	<b>D17</b>	D171
<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
September-2018	8.5	1.6	2.2	0.0	1.8	6.3	0.9	11.9	11.9
October-2018	9.7	1.9	3.4	0.0	1.8	7.9	0.9	11.9	11.9
November-2018	8.6	1.6	1.3	0.0	1.8	7.8	0.9	11.8	11.8
December-2018	4.5	1.3	-0.7	0.0	1.8	7.8	0.9	11.8	11.8
January-2019	3.0	2.4	5.4	0.0	1.8	9.2	0.9	4.6	4.6
February-2019	5.0	4.0	8.9	0.0	8.3	9.4	0.9	7.3	7.3
March-2019	6.8	6.7	11.1	8.5	8.3	7.9	0.9	7.4	7.4
April-2019	7.5	5.8	6.4	8.5	8.3	6.7	0.9	7.1	7.1
May-2019	6.2	7.1	9.3	8.5	8.3	6.7	3.7	6.3	6.3
June-2019	5.3	7.2	8.7	8.5	8.3	8.9	3.7	6.4	6.4
July-2019	5.4	6.3	4.7	8.5	8.3	8.5	2.8	3.0	3.0
August-2019	5.8	6.7	7.5	8.5	8.3	8.5	2.8	2.9	2.9
September-2019	p 4.9	p 6.1	p 8.6	p 8.5	p 6.4	p 4.2	p 2.8	p 3.0	p 3.0

*p: provisional*

**Table 9: Manufacturing Producer Price Index Yearly Change Rates for September 2018 - September 2019 (%)**

*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 ...
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
September-2018	1.1	1.1	2.5	1.5	5.3	1.0	1.0	3.2	0.0	4.9
October-2018	1.1	1.1	0.9	1.5	0.8	1.1	1.1	3.2	0.0	4.9
November-2018	0.0	0.0	0.9	1.5	0.7	1.0	1.0	3.2	0.0	4.9
December-2018	0.0	0.0	0.1	0.0	0.2	1.1	1.1	3.2	0.0	4.9
January-2019	0.0	0.0	0.0	0.0	0.1	1.2	1.2	2.7	0.0	4.2
February-2019	0.0	0.0	0.1	0.0	0.3	1.4	1.4	2.7	0.0	4.2
March-2019	0.0	0.0	0.1	0.0	0.5	1.8	1.8	2.7	0.0	4.2
April-2019	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.2	0.0	0.3
May-2019	0.0	0.0	0.2	0.0	0.6	4.5	4.5	0.2	0.0	0.3
June-2019	0.0	0.0	0.2	0.0	0.7	0.1	0.1	1.7	0.0	2.7
July-2019	0.0	0.0	0.1	0.0	0.5	4.5	4.5	1.7	0.0	2.7
August-2019	0.0	0.0	0.1	0.0	0.4	4.4	4.4	1.7	0.0	2.7
September-2019	p 0.0	p 0.0	p 0.1	p 0.0	p 0.5	p 4.3	p 4.3	p 1.7	p 0.0	p 2.7

*p: provisional*

**Table 9: Manufacturing: Yearly Change Rates for September 2018 - September 2019 (%)**

*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
September-2018	31.1	31.1	0.4	4.8	0.3	0.0	-0.4	-3.6	0.2
October-2018	36.1	36.1	0.4	4.8	0.3	0.0	0.1	-1.0	0.3
November-2018	30.6	30.6	0.8	4.8	0.7	0.0	0.0	-1.2	0.3
December-2018	10.1	10.1	0.8	5.1	0.7	0.0	2.3	-0.1	2.8
January-2019	3.8	3.8	0.1	5.5	0.1	0.0	0.7	-9.0	2.9
February-2019	8.9	8.9	0.7	6.8	0.6	0.0	2.5	0.3	3.0
March-2019	13.0	13.0	1.3	8.6	1.2	0.0	3.1	2.2	3.3
April-2019	17.2	17.2	4.6	7.6	4.6	0.0	3.7	5.6	3.3
May-2019	9.9	9.9	4.6	7.7	4.6	0.0	3.9	7.2	3.3
June-2019	1.2	1.2	4.5	8.5	4.6	0.0	5.1	13.9	3.3
July-2019	2.1	2.1	5.7	6.5	5.8	0.0	4.0	7.2	3.3
August-2019	3.1	3.1	5.7	5.9	5.8	0.0	3.9	7.3	3.2
September-2019	p 0.7	p 0.7	p 5.7	p 5.7	p 5.8	p 0.0	p 3.7	p 6.3	p 3.2

*p: provisional*

**Table 9: Manufacturing: Yearly Change Rates for September 2018 - September 2019 (%)**
*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
September-2018	-0.2	-0.2	16.6	32.7	5.8	0.4	0.2	0.6	0.0	0.0
October-2018	1.8	1.8	16.4	32.7	5.4	0.5	0.4	0.6	0.0	0.0
November-2018	1.7	1.7	16.4	32.7	5.3	0.5	0.4	0.7	0.0	0.0
December-2018	3.1	3.1	16.4	32.8	5.4	1.6	0.8	2.2	0.0	0.0
January-2019	2.7	2.7	16.8	32.9	5.9	1.6	0.8	2.2	0.0	0.0
February-2019	2.7	2.7	16.1	33.1	4.7	2.0	0.8	2.8	0.0	0.0
March-2019	2.8	2.8	17.0	33.3	6.0	2.0	0.8	2.8	0.0	0.0
April-2019	2.7	2.7	10.8	7.4	13.5	2.0	0.8	2.8	0.0	0.0
May-2019	2.7	2.7	10.7	7.3	13.3	2.0	0.8	2.8	0.0	0.0
June-2019	10.8	10.8	10.9	6.6	14.2	4.3	0.8	6.8	24.7	24.7
July-2019	13.4	13.4	7.6	1.5	12.4	4.7	0.4	7.9	24.7	24.7
August-2019	12.4	12.4	7.3	1.5	12.0	9.2	0.4	15.9	24.7	24.7
September-2019	p 12.1	p 12.1	p 7.6	p 2.2	p 11.8	p 8.5	p 0.4	p 14.6	p 24.7	p 24.7

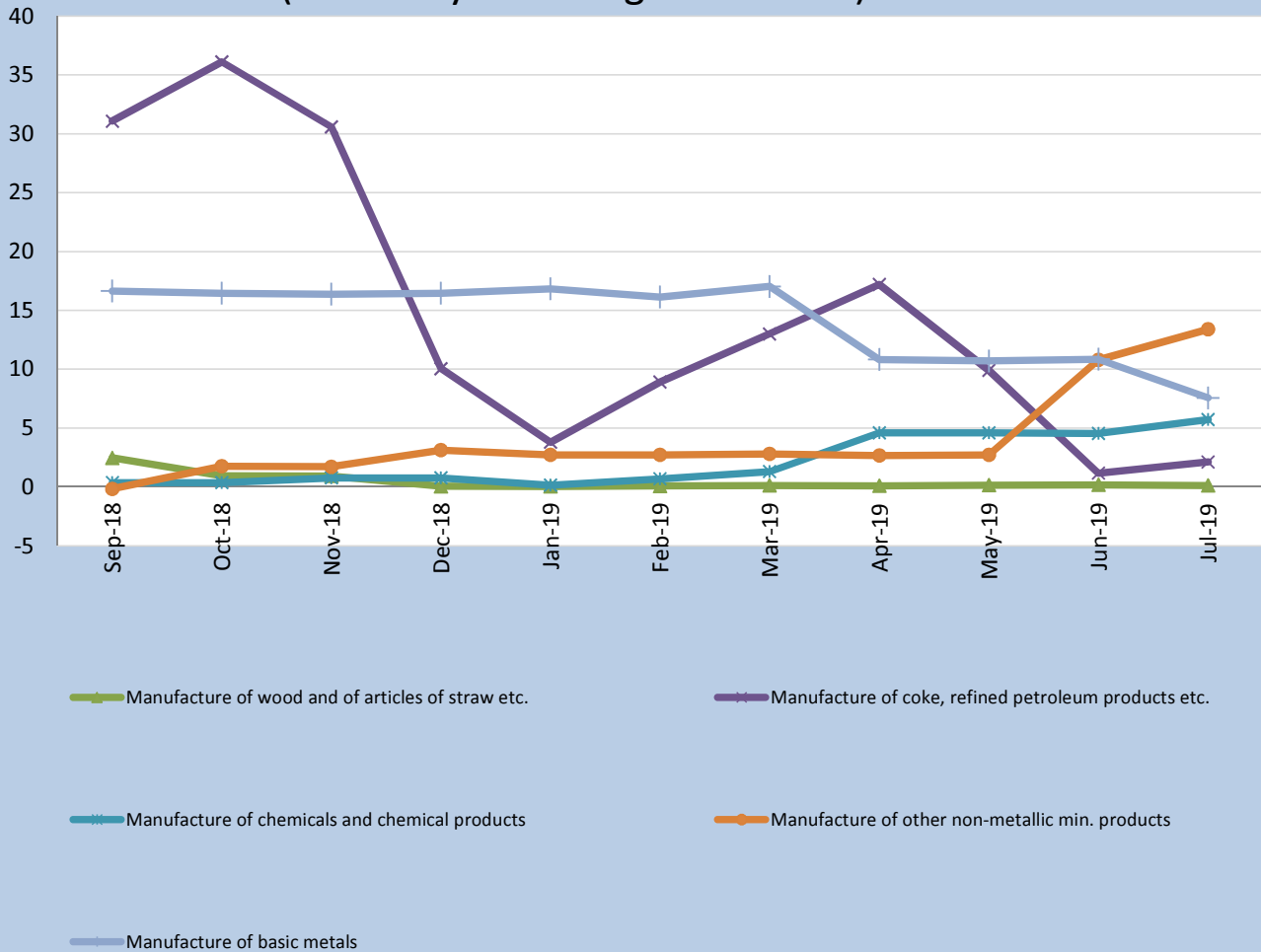
*p: provisional*

**Table 9: Manufacturing: Yearly Change Rates for September 2018 - September 2019 (%)**  
*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>
September-2018	1.1	1.1	7.0	7.0	3.7	3.8	1.0
October-2018	1.1	1.1	8.0	8.0	3.7	3.8	1.0
November-2018	1.1	1.1	6.7	6.7	3.7	3.8	1.0
December-2018	1.1	1.1	6.2	6.2	2.8	2.9	1.3
January-2019	0.1	0.1	4.7	4.7	4.3	4.4	1.7
February-2019	0.1	0.1	8.0	8.0	8.1	8.3	1.7
March-2019	0.1	0.1	8.7	8.7	8.4	8.6	1.7
April-2019	0.1	0.1	6.9	6.9	8.5	8.8	1.7
May-2019	0.1	0.1	10.9	10.9	8.5	8.8	1.7
June-2019	0.1	0.1	13.6	13.6	8.5	8.8	1.7
July-2019	0.1	0.1	8.4	8.4	8.4	8.6	1.7
August-2019	0.1	0.1	7.7	7.7	8.4	8.6	1.7
September-2019	p 0.1	p 0.1	p 7.9	p 7.9	p 5.7	p 5.8	p 1.7

*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 September 2018 - September 2019 (%)**

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>	<i>4.60</i>	<i>4.31</i>	<i>4.66</i>	<i>4.80</i>	<i>7.27</i>	<b>4.27</b>	<i>4.28</i>
September-2018	0.5	0.9	1.1	0.0	1.8	4.2	0.0	-0.1	-0.1
October-2018	2.1	0.1	0.7	0.0	0.0	0.1	0.0	0.0	0.0
November-2018	-0.9	-0.1	-0.6	0.0	0.0	0.0	0.0	0.0	0.0
December-2018	-2.4	-0.4	-2.4	0.0	0.0	0.0	0.0	0.0	0.0
January-2019	-0.7	1.1	6.3	0.0	0.0	1.3	0.0	0.1	0.1
February-2019	1.9	1.5	2.3	0.0	6.4	0.2	0.0	2.6	2.6
March-2019	1.5	2.7	1.7	8.5	0.0	0.2	0.0	0.2	0.2
April-2019	1.9	-0.6	-4.1	0.0	0.0	-0.1	0.0	-0.1	-0.1
May-2019	0.3	0.9	0.8	0.0	0.0	0.0	2.8	0.1	0.1
June-2019	0.7	0.4	1.0	0.0	0.0	2.2	0.0	0.2	0.2
July-2019	0.3	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
August-2019	0.6	0.1	0.8	0.0	0.0	0.1	0.0	0.0	0.0
September-2019	p -0.3	p 0.3	p 2.1	p 0.0	p 0.0	p 0.2	p 0.0	p -0.0	p -0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for September 2018 - September 2019 (%)**

*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>
September-2018	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
October-2018	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
November-2018	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
December-2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
January-2019	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0
February-2019	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0
March-2019	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.0	0.0	0.0
April-2019	0.0	0.0	0.0	0.0	-0.1	-1.8	-1.8	0.2	0.0	0.3
May-2019	0.0	0.0	0.0	0.0	0.0	4.6	4.6	0.0	0.0	0.0
June-2019	0.0	0.0	0.0	0.0	0.2	-4.1	-4.1	1.5	0.0	2.4
July-2019	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0
August-2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
September-2019	p 0.0	p 0.0	p 0.0	p 0.0	p 0.0	p 0.1	p 0.1	p 0.0	p 0.0	p 0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for September 2018 - September 2019 (%)**

*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>
September-2018	0.5	0.5	0.0	0.5	0.0	0.0	0.3	1.3	0.0
October-2018	7.9	7.9	0.0	0.4	0.0	0.0	0.1	0.4	0.0
November-2018	-3.6	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
December-2018	-10.1	-10.1	0.0	0.3	0.0	0.0	2.2	0.3	2.6
January-2019	-4.4	-4.4	0.0	0.8	0.0	0.0	0.2	0.9	0.1
February-2019	5.2	5.2	0.5	1.3	0.5	0.0	0.3	1.4	0.1
March-2019	2.6	2.6	0.6	1.7	0.6	0.0	0.6	1.8	0.3
April-2019	7.0	7.0	3.3	-0.9	3.4	0.0	-0.2	-1.0	-0.1
May-2019	0.3	0.3	0.0	0.2	0.0	0.0	0.1	0.2	0.0
June-2019	-2.0	-2.0	0.0	1.3	0.0	0.0	0.3	1.5	0.1
July-2019	-0.5	-0.5	1.2	0.2	1.2	0.0	0.0	0.2	0.0
August-2019	1.6	1.6	0.0	0.1	0.0	0.0	0.0	0.2	0.0
September-2019	p -1.9	p -1.9	p 0.0	p 0.3	p 0.0	p 0.0	p 0.1	p 0.3	p 0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for September 2018 - September 2019 (%)**

*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
September-2018	0.3	0.3	-0.1	-0.8	0.4	0.7	0.0	1.2	0.0	0.0
October-2018	1.9	1.9	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0
November-2018	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
December-2018	0.1	0.1	0.1	0.0	0.2	0.7	0.4	0.8	0.0	0.0
January-2019	0.1	0.1	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0
February-2019	0.0	0.0	0.6	0.1	0.9	0.4	0.0	0.7	0.0	0.0
March-2019	0.1	0.1	0.7	0.2	1.2	0.0	0.0	0.0	0.0	0.0
April-2019	0.0	0.0	3.9	-0.1	7.1	0.0	0.0	0.0	0.0	0.0
May-2019	-0.1	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
June-2019	8.0	8.0	0.7	0.2	1.2	2.2	0.0	3.9	24.7	24.7
July-2019	1.7	1.7	0.6	1.7	-0.2	0.6	0.0	1.1	0.0	0.0
August-2019	0.0	0.0	0.1	0.0	0.1	4.3	0.0	7.3	0.0	0.0
September-2019	p 0.0	p 0.0	p 0.1	p 0.0	p 0.2	p 0.0	p 0.0	p 0.1	p 0.0	p 0.0

*p: provisional*

**Table 10: Manufacturing: Monthly Change Rates for September 2018 - September 2019 (%)**

*contd.*

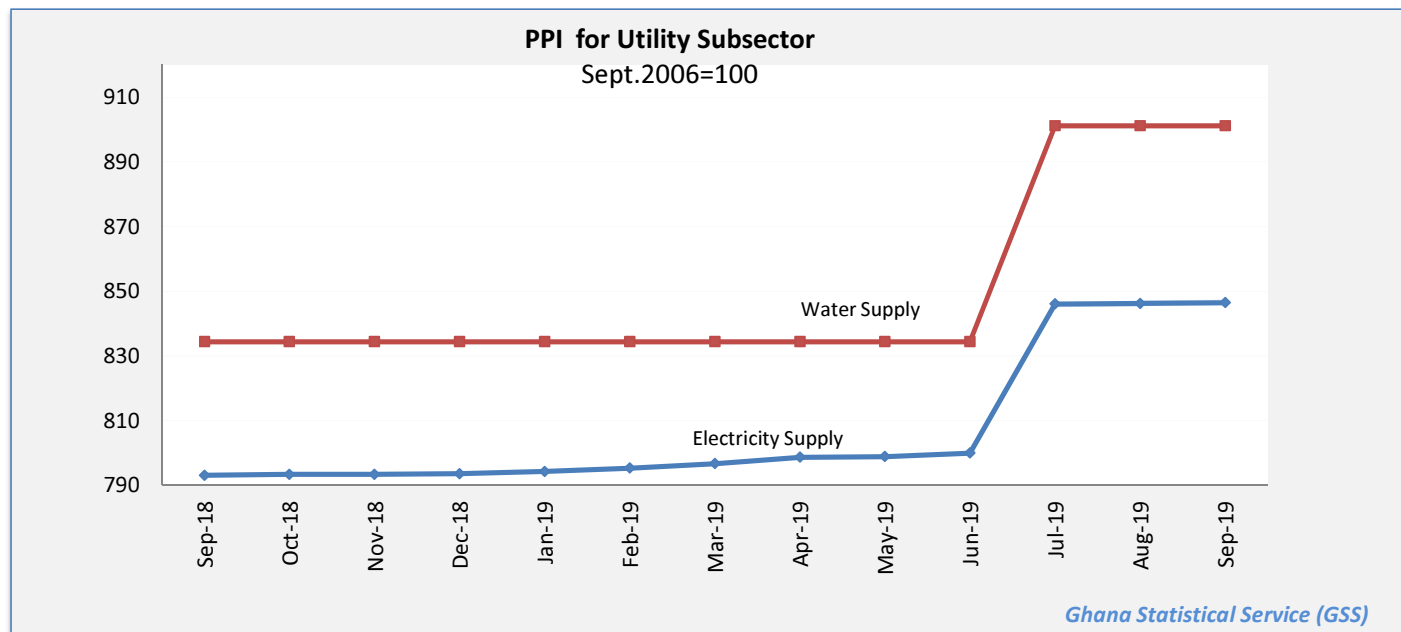
Year / Month	Manufacture of electrical machinery and apparatus n.e.c.	Manufacture of insulated wire and cable	Manufacture of motor vehicles, trailers and semi-trailers	Manufacture of bodies for motor vehicles, trailers and semi-trailers	Manufacture of furniture; manufacturing n.e.c.	Manufacture of furniture	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>
September-2018	0.0	0.0	-0.4	-0.4	2.5	2.6	0.0
October-2018	0.0	0.0	1.6	1.6	0.0	0.0	0.0
November-2018	0.0	0.0	-1.0	-1.0	0.0	0.0	0.0
December-2018	0.0	0.0	0.6	0.6	0.0	0.0	1.3
January-2019	0.0	0.0	1.9	1.9	1.5	1.6	0.4
February-2019	0.0	0.0	1.9	1.9	3.7	3.8	0.0
March-2019	0.0	0.0	2.9	2.9	0.3	0.3	0.0
April-2019	0.0	0.0	-2.4	-2.4	0.1	0.1	0.0
May-2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0
June-2019	0.0	0.0	3.6	3.6	0.0	0.0	0.0
July-2019	0.0	0.0	-0.4	-0.4	-0.1	-0.1	0.0
August-2019	0.0	0.0	-0.6	-0.6	0.1	0.1	0.0
September-2019	p 0.0	p 0.0	p -0.2	p -0.2	p 0.0	p 0.0	p 0.0

*p: provisional*

**Table 11: Utilities: Producer Price Index (Sept 2006=100) for September 2018 - September 2019**

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
September-2018	795.7	793.1	793.1	834.4	834.4
October-2018	796.0	793.4	793.4	834.4	834.4
November-2018	796.0	793.4	793.4	834.4	834.4
December-2018	796.2	793.6	793.6	834.4	834.4
January-2019	796.9	794.3	794.3	834.4	834.4
February-2019	797.9	795.3	795.3	834.4	834.4
March-2019	799.1	796.7	796.7	834.4	834.4
April-2019	801.0	798.7	798.7	834.4	834.4
May-2019	801.2	798.9	798.9	834.4	834.4
June-2019	802.2	800.0	800.0	834.4	834.4
July-2019	849.6	846.1	846.1	901.2	901.2
August-2019	849.7	846.2	846.2	901.2	901.2
September-2019	p 850.0	p 846.5	p 846.5	p 901.2	p 901.2

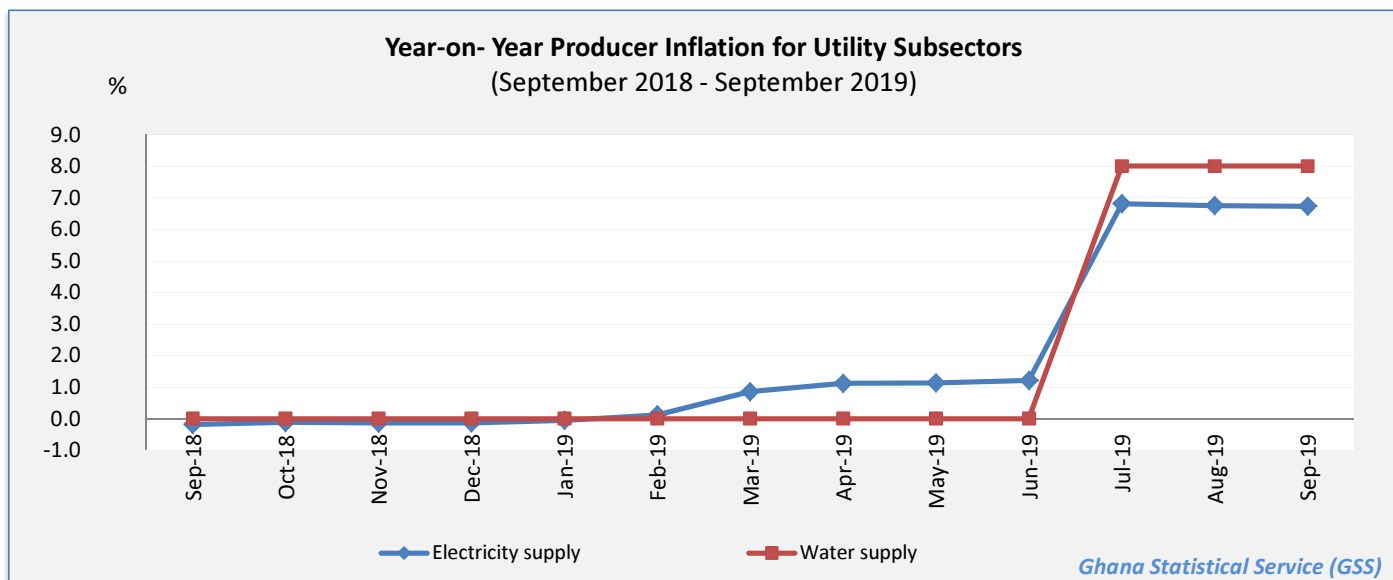
p: provisional



**Table 12: Utilities: Yearly Change Rates for September 2018 - September 2019 (%)**

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>
September-2018	-0.2	-0.2	-0.2	0.0	0.0
October-2018	-0.1	-0.1	-0.1	0.0	0.0
November-2018	-0.1	-0.1	-0.1	0.0	0.0
December-2018	-0.1	-0.1	-0.1	0.0	0.0
January-2019	0.0	-0.1	-0.1	0.0	0.0
February-2019	0.1	0.1	0.1	0.0	0.0
March-2019	0.8	0.9	0.9	0.0	0.0
April-2019	1.0	1.1	1.1	0.0	0.0
May-2019	1.1	1.1	1.1	0.0	0.0
June-2019	1.1	1.2	1.2	0.0	0.0
July-2019	6.9	6.8	6.8	8.0	8.0
August-2019	6.8	6.8	6.8	8.0	8.0
September-2019	p 6.8	p 6.7	p 6.7	p 8.0	p 8.0

*p: provisional*



**Table 13: Utilities: Monthly Change Rates for September 2018 - September 2019 (%)**

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>
September-2018	0.1	0.1	0.1	0.0	0.0
October-2018	0.0	0.0	0.0	0.0	0.0
November-2018	0.0	0.0	0.0	0.0	0.0
December-2018	0.0	0.0	0.0	0.0	0.0
January-2019	0.1	0.1	0.1	0.0	0.0
February-2019	0.1	0.1	0.1	0.0	0.0
March-2019	0.2	0.2	0.2	0.0	0.0
April-2019	0.2	0.3	0.3	0.0	0.0
May-2019	0.0	0.0	0.0	0.0	0.0
June-2019	0.1	0.1	0.1	0.0	0.0
July-2019	5.9	5.8	5.8	8.0	8.0
August-2019	0.0	0.0	0.0	0.0	0.0
September-2019	p 0.0	p 0.0	p 0.0	p 0.0	p 0.0

*p: provisional*

