



GHANA STATISTICAL SERVICE (GSS)
Statistics for Development and Progress

Statistical Bulletin

(PRODUCER PRICE INDEX PPI)
November, 2017

Ghana Statistical Service (GSS)

Statistical Bulletin

PRODUCER PRICE INDEX (PPI)

November, 2017

Date: December 20, 2017

Producer Price Index (PPI)
November 2017

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HIGHLIGHTS FOR NOVEMBER 2017

Producer Price Inflation Rate in November 2017 is 7.1%

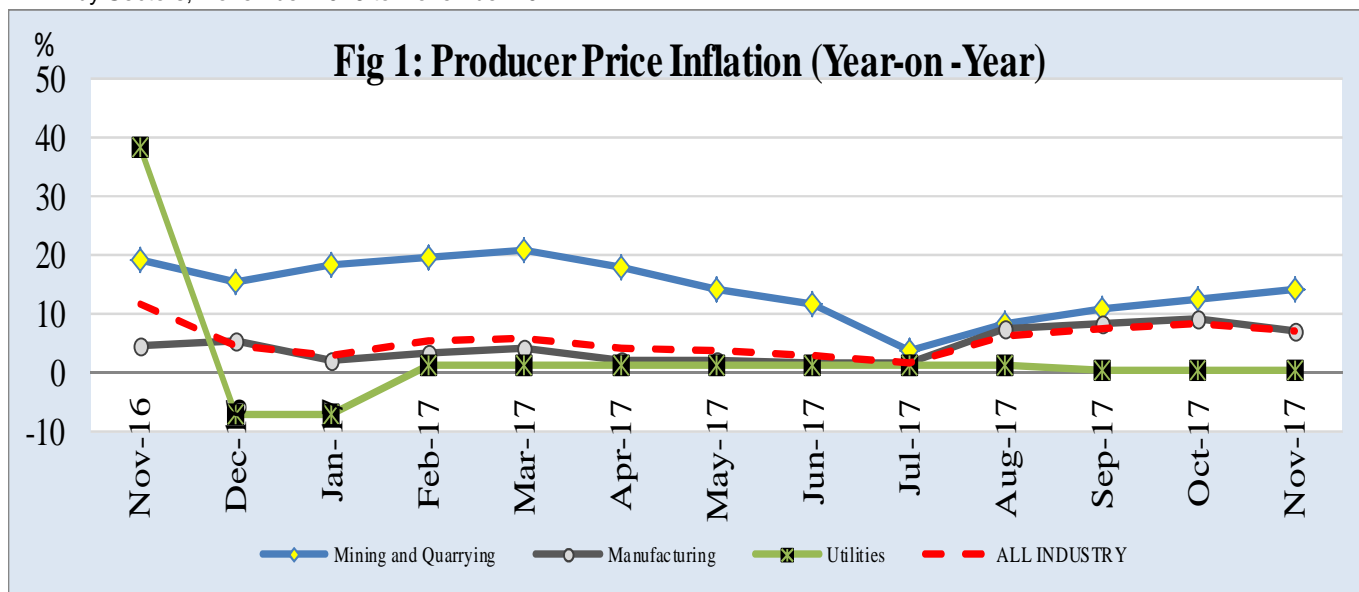
The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers for the production of their goods and services. The PPI for Ghana reports the producer price indices with reference to September 2006, the base period. This release shows the annual (year-on-year) 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 November 2017 are provisional, and are subject to revision when additional data become available. All other indicators are final.

The Producer Price Inflation rate for November 2017 was 7.1 percent. This rate indicates that, between November 2016 and November 2017 (year-on-year), the PPI increased by 7.1 percent. This rate represents a 1.2 percentage point decrease in producer inflation relative to the rate recorded in October 2017 (8.3%). The month-on-month change in producer price index between October 2017 and November 2017 was 0.1 percent .

The producer price inflation in the Mining and Quarrying sub-sector increased by 1.9 percentage points over the October 2017 rate of 12.5 percent to record 14.4 percent in November 2017. The producer inflation for Manufacturing which constitutes more than two-thirds of total industry decreased by 2.0 percentage point, to record 7.3 percent. The utilities sub-sector recorded an inflation rate of 0.5 percent in November 2017 indicating no changed compared with the October 2017 rate.

During the month of November 2017, five out of the sixteen major groups in the manufacturing sub-sector recorded inflation rates higher than the sector average of 7.3 percent. Manufacture of coke, refined petroleum products recorded the highest inflation rate of 27.7 percent while manufacturing of food and of food products and beverage recorded the lowest producer price inflation rate of -1.6% .

PPI by Sectors; November 2016 to November 2017



Manufacture of coke, refined petroleum products etc: Annual rate was 27.7 percent for November 2017, as compare to 36.9 percent in October 2017.

Manufacture of other non-metallic mineral product: Annual rate was -0.18 percent for October 2017 compared to -0.19 in November 2017.

Manufacture of motor vehicles, trailers and semi-trailers: Annual rate was 20.4 percent in November 2017 as compared to 17.8 percent last month.

Electricity and Water Supply: the rate was 0.5 percent for November 2017 and remained unchanged compared to October 2017 .

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

The next release date is 20th January 2017

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

Year / Month	Index level	Monthly	Yearly
	Sept 2006=100	Change Rate (%)	
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	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	p 569.7	p 0.1	p 7.1

p: provisional

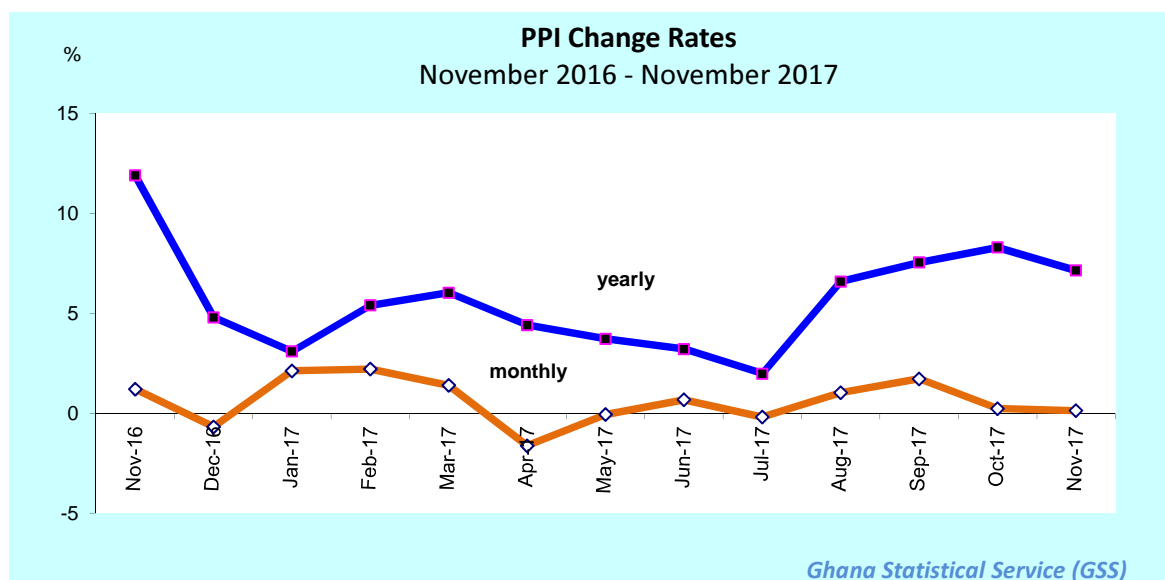


Table 2: Producer Price Index (Sep.2006=100) by sectors for November 2016 - November 2017

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
November-2016	967.2	422.1	793.0	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	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	p 1,106.9	p 452.7	p 797.0	p 569.7

p: provisional

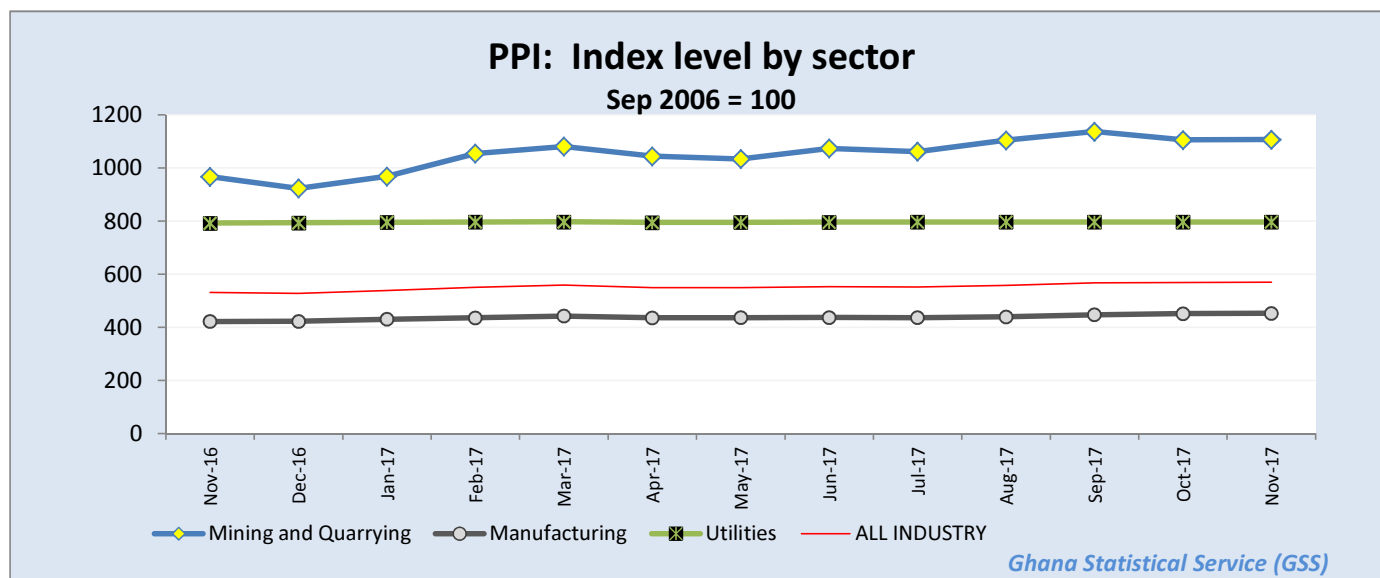


Table 3: Producer Price Index: Yearly Change Rates by Sector for November 2016 - November 2017 (%)

Year / Month	Mining and Quarrying	Manufacturing	Utilities	ALL INDUSTRY
	<i>ISIC C</i>	<i>D</i>	<i>E</i>	<i>C+D+E</i>
November-2016	19.4	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	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	p 14.4	p 7.3	p 0.5	p 7.1

p: provisional

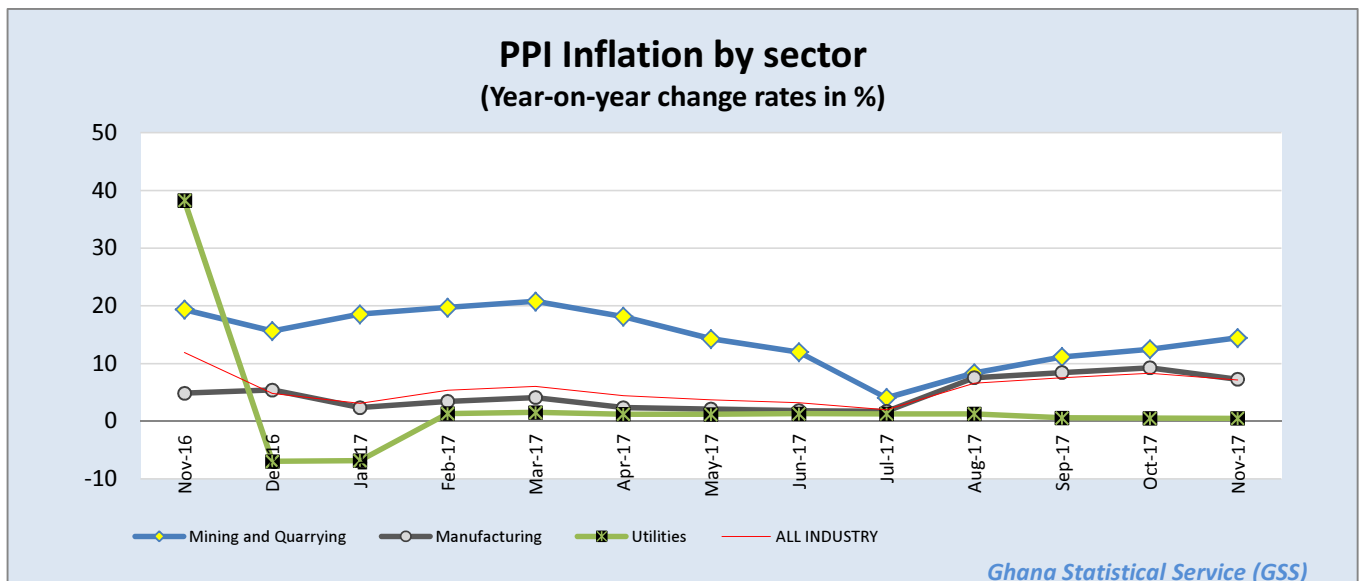


Table 4: Producer Price Index: Monthly Change Rates by Sector for November 2016 - November 2017 (%)

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>	<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
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	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	p 0.1	p 0.2	p 0.0	p 0.1

p: provisional

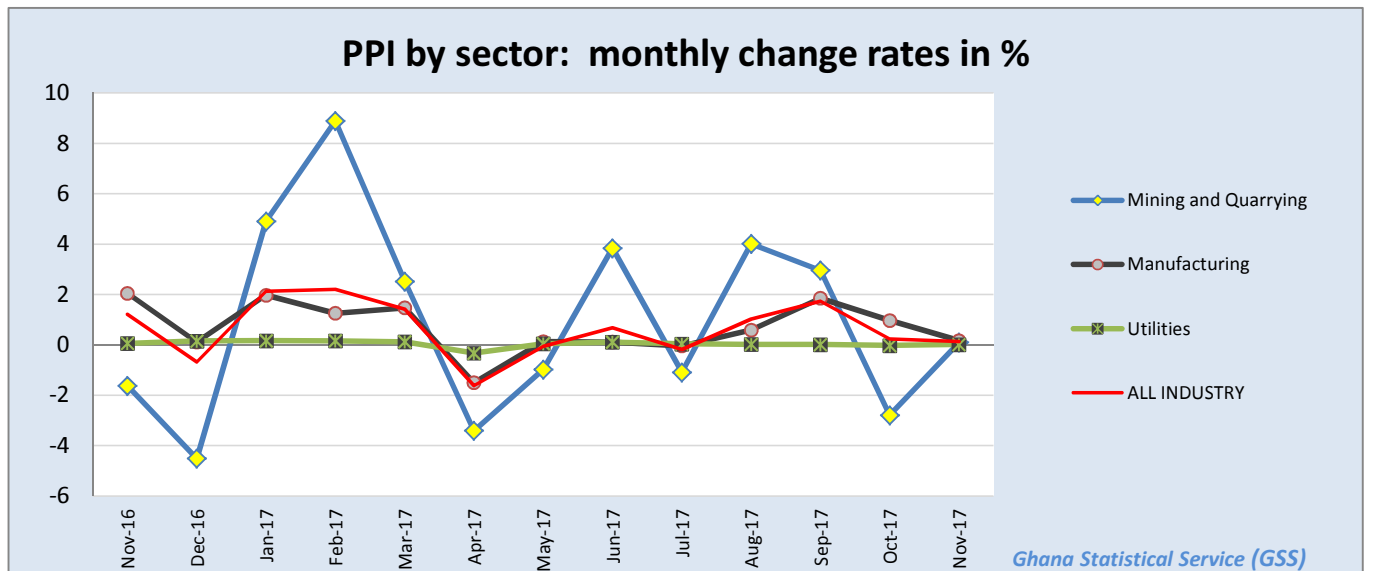


Table 5: Mining And Quarrying: Producer Price Index (Sept 2006=100) November 2016 - November 2017

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
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	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	p 1106.9	p 1180.1	p 1180.1	p 224.7	p 183.8	p 494.9

p: provisional

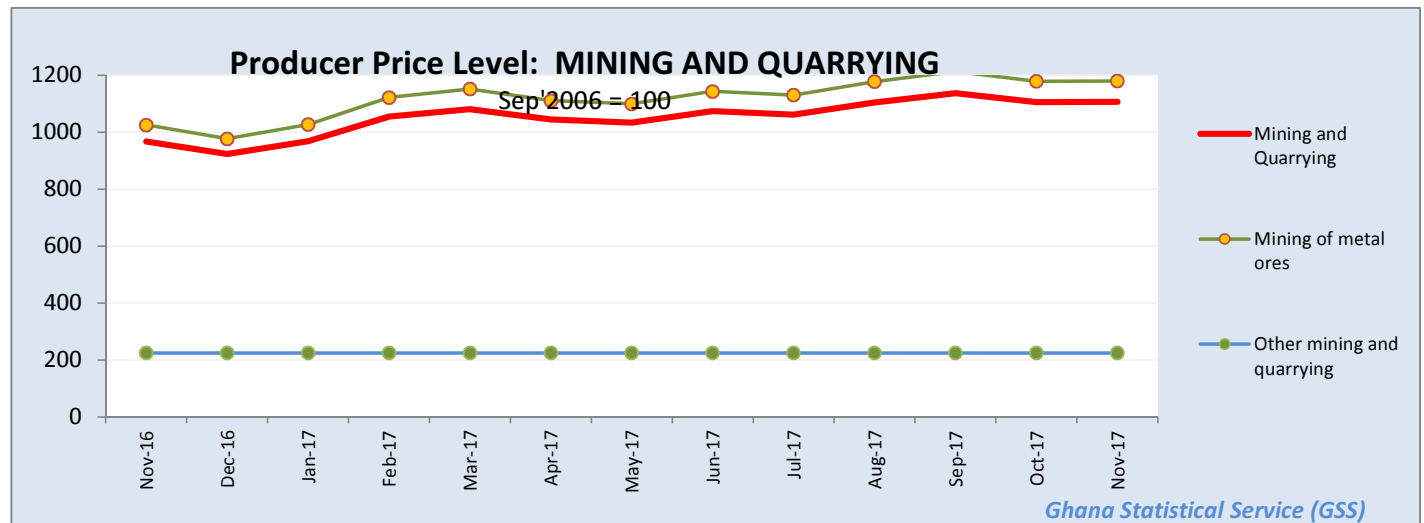


Table 6: Mining and Quarrying: Yearly Change Rates for November 2016 - November 2017 (%)

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
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	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	p 14.4	p 15.1	p 15.1	-p 0.1	-p 0.1	p 0.0

p: provisional

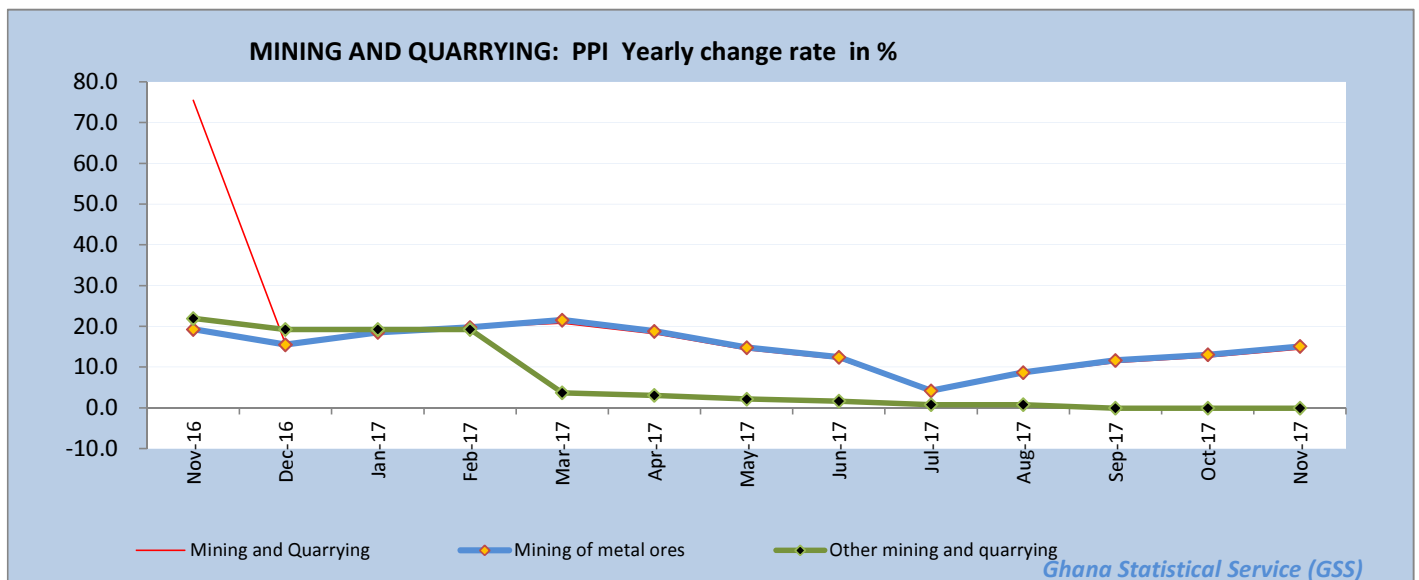


Table 7: Mining and Quarrying: Monthly Change Rates for November 2016 - November 2017 (%)

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
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	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	p 0.1	p 0.1	p 0.1	p 0.0	p 0.0	p 0.0

p: provisional

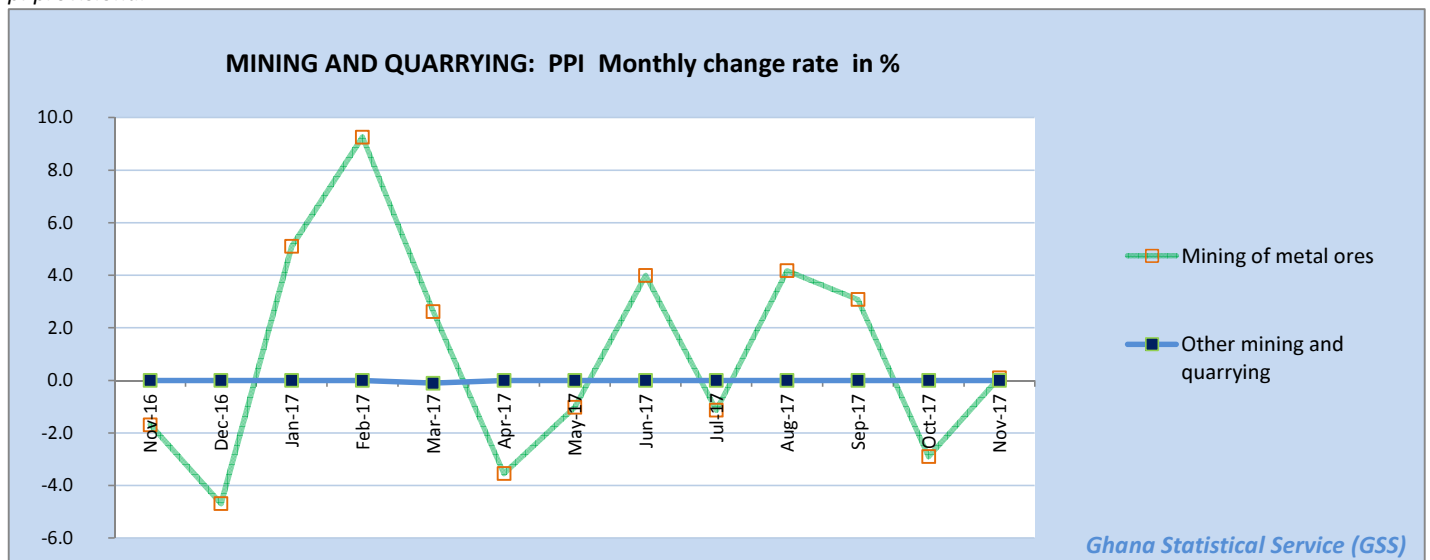


Table 8: Manufacturing Producer Price Index (Sept 2006=100) for November 2016 - November 2017

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
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	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	p 452.7	p 435.5	p 607.1	p 357.2	p 533.9	p 530.2	p 361.8	p 536.2	p 536.2

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for November 2016 - November 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
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	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	p 533.9	p 533.9	p 351.4	p 370.7	p 298.2	p 533.4	p 533.4	p 756.6	p 665.2	p 811.7

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for November 2016 - November 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	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
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	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	p 420.9	p 420.9	p 462.4	p 392.4	p 473.5	p 128.8	p 424.3	p 322.6	p 449.8

p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for November 2016 - November 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	<i>D269</i>	D27	<i>D271</i>	<i>D272</i>	D28	<i>D281</i>	<i>D289</i>	D29	<i>D292</i>
<i>weight</i>	8.20	8.20	5.02	2.02	2.65	3.70	1.55	2.15	0.42	0.42
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	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	p 489.2	p 489.2	p 420.7	p 441.0	p 405.8	p 666.9	p 551.4	p 764.8	p 1065.3	p 1065.3

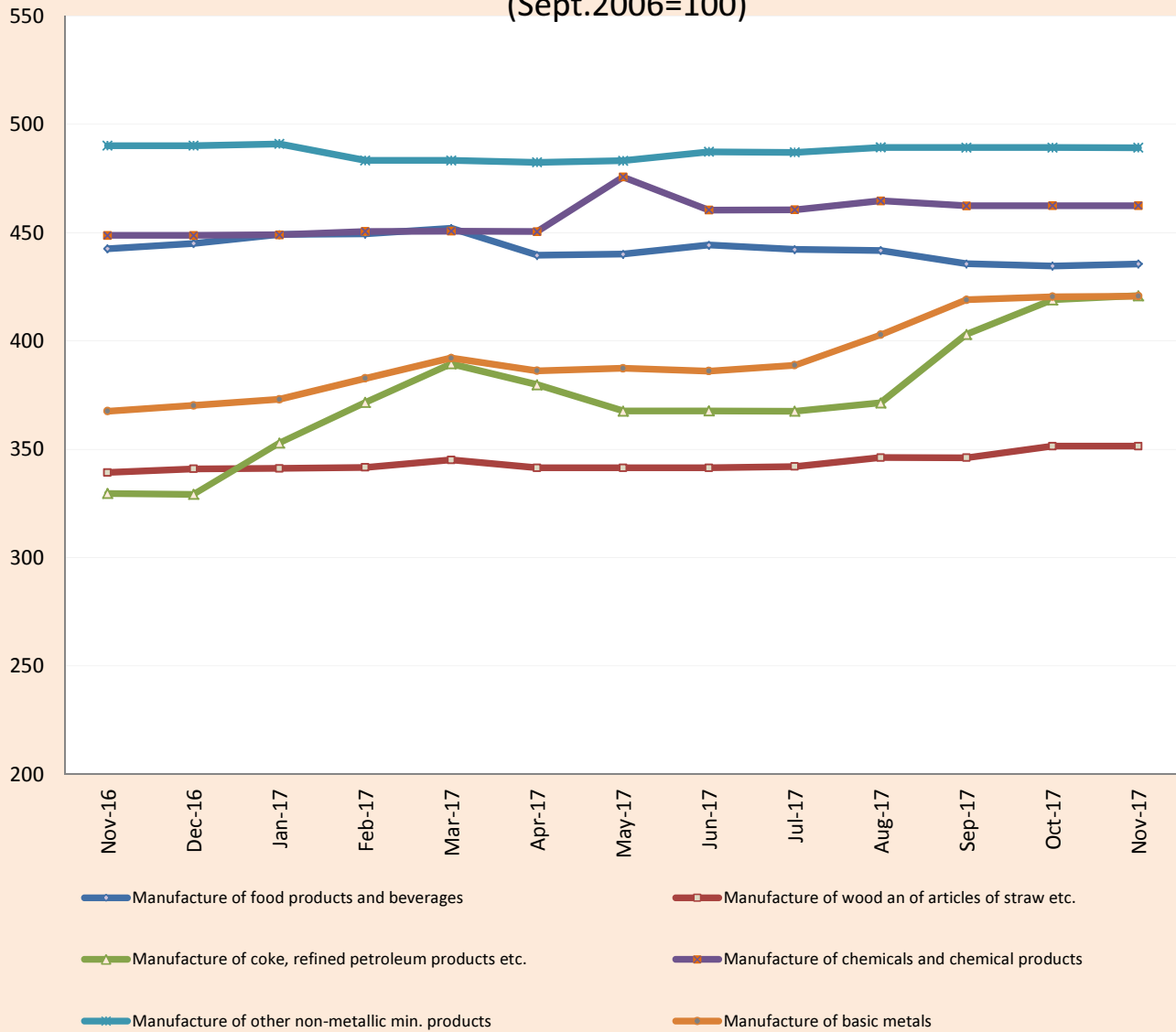
p: provisional

Table 8: Manufacturing Producer Price Index (Sept 2006=100) for November 2016 - November 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>
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	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	p 382.8	p 382.8	p 499.1	p 499.1	p 663.7	p 659.7	p 826.5

p: provisional

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



Ghana Statistical Service (GSS)

Table 9: Manufacturing: Yearly Change Rates for November 2016 - November 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
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	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	p 7.3	-p 1.6	-p 0.4	p 1.5	-p 2.7	p 0.9	-p 5.6	p 2.8	p 2.8

p: provisional

Table 9: Manufacturing Producer Price Index Yearly Change Rates for November 2016 - November 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>
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	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	p 0.4	p 0.4	p 3.6	p 1.7	p 6.0	p 0.7	p 0.7	-p 0.5	p 0.0	-p 0.7

p: provisional

Table 9: Manufacturing: Yearly Change Rates for November 2016 - November 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
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	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	p 27.7	p 27.7	p 3.0	p 8.7	p 3.0	p 0.0	p 2.8	p 12.4	p 0.9

p: provisional

Table 9: Manufacturing: Yearly Change Rates for November 2016 - November 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	<i>D269</i>	D27	<i>D271</i>	<i>D272</i>	D28	<i>D281</i>	<i>D289</i>	D29	<i>D292</i>
<i>weight</i>	8.20	8.20	5.02	2.02	2.65	3.70	1.55	2.15	0.42	0.42
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	-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	-p 0.2	-p 0.2	p 14.4	p 14.7	p 14.2	p 2.3	p 0.7	p 3.6	p 26.1	p 26.1

p: provisional

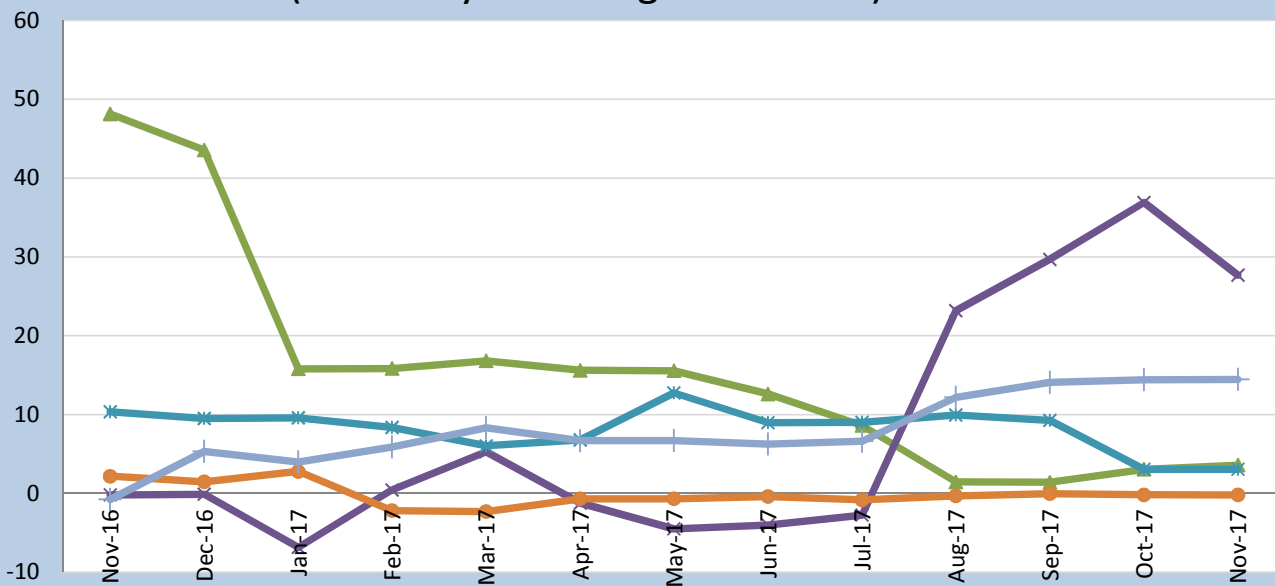
Table 9: Manufacturing: Yearly Change Rates for November 2016 - November 2017 (%)

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>
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	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	p 2.6	p 2.6	p 20.4	p 20.4	p 11.5	p 10.9	p 32.0

p: provisional

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



—▲— Manufacture of wood and of 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 10: Manufacturing: Monthly Change Rates for November 2016 - November 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
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	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	p 1.0	p -0.2	p -0.5	p 0.0	p 0.0	p -1.4	p 0.0	p 0.0	p 0.0
November-2017	p 0.2	p 0.2	p 1.4	p 0.0	p 0.0	p 0.0	p 0.0	p 0.1	p 0.1

p: provisional

Table 10: Manufacturing: Monthly Change Rates for November 2016 - November 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>
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	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	p 0.0	p 0.0	p 1.5	p 0.0	p 4.6	p -0.1	p -0.1	p 0.0	p 0.0	p 0.0
November-2017	p 1.1	p 1.1	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 November 2016 - November 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	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
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	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	p 4.0	p 4.0	p 0.0	p 0.4	p 0.0	p 0.0	p -0.4	p -2.2	p -0.0
November-2017	p 0.4	p 0.4	p 0.0	p 0.0	p 0.0	p 0.0	p 0.0	p 0.2	p 0.0

p: provisional

Table 10: Manufacturing: Monthly Change Rates for November 2016 - November 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	<i>D269</i>	D27	<i>D271</i>	<i>D272</i>	D28	<i>D281</i>	<i>D289</i>	D29	<i>D292</i>
<i>weight</i>	8.20	8.20	5.02	2.02	2.65	3.70	1.55	2.15	0.42	0.42
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	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	p 0.0	p 0.0	p 0.3	p -0.0	p 0.6	p -0.1	p -0.2	p 0.0	p 0.0	p 0.0
November-2017	p -0.0	p -0.0	p 0.1	p 0.0	p 0.1	p 0.0	p 0.0	p 0.0	p 0.0	p 0.0

p: provisional

Table 10: Manufacturing: Monthly Change Rates for November 2016 - November 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>
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	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	p -0.0	p -0.0	p 0.8	p 0.8	p 0.0	p 0.0	p 0.0
November-2017	p 0.0	p 0.0	p 0.2	p 0.2	p 0.1	p 0.0	p 3.8

p: provisional

Table 11: Utilities: Producer Price Index (Sept 2006=100) for November 2016 - November 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
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	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	p 797.0	p 794.5	p 794.5	p 834.4	p 834.4

p: provisional

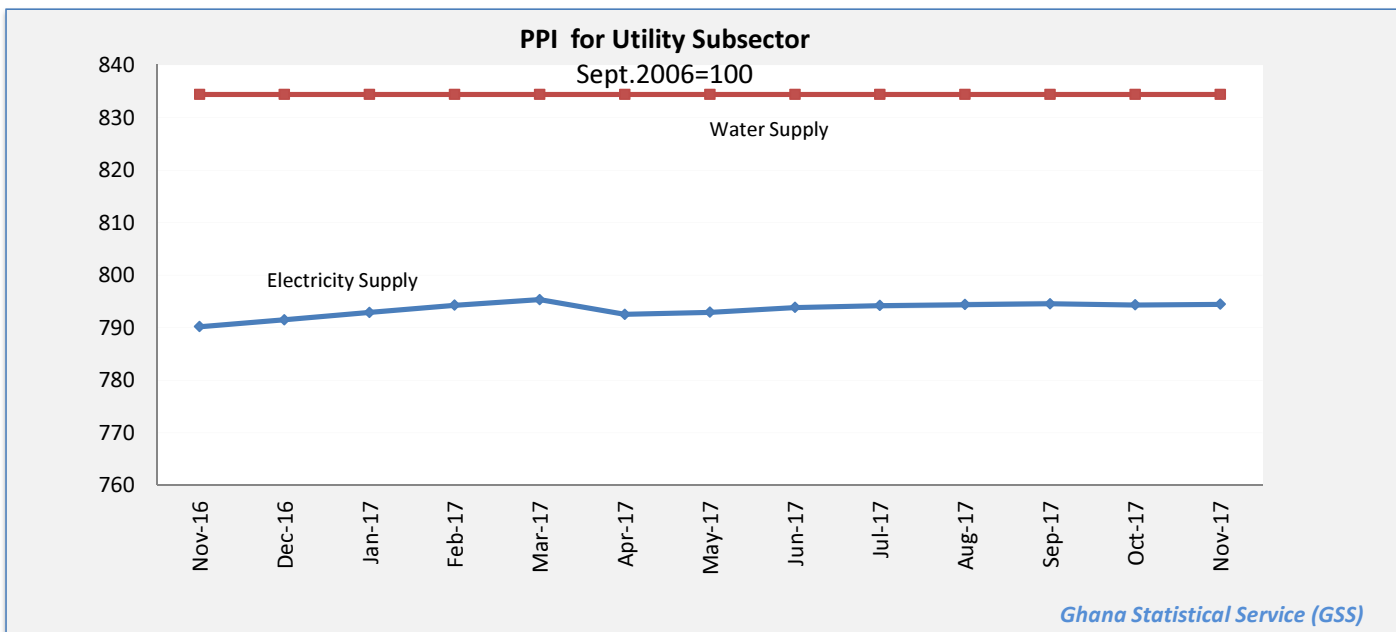


Table 12: Utilities: Yearly Change Rates for November 2016 - November 2017 (%)

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
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	1.3	1.4	1.4	0.0	0.0
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	p 0.5	p 0.5	p 0.5	p 0.0	p 0.0

p: provisional

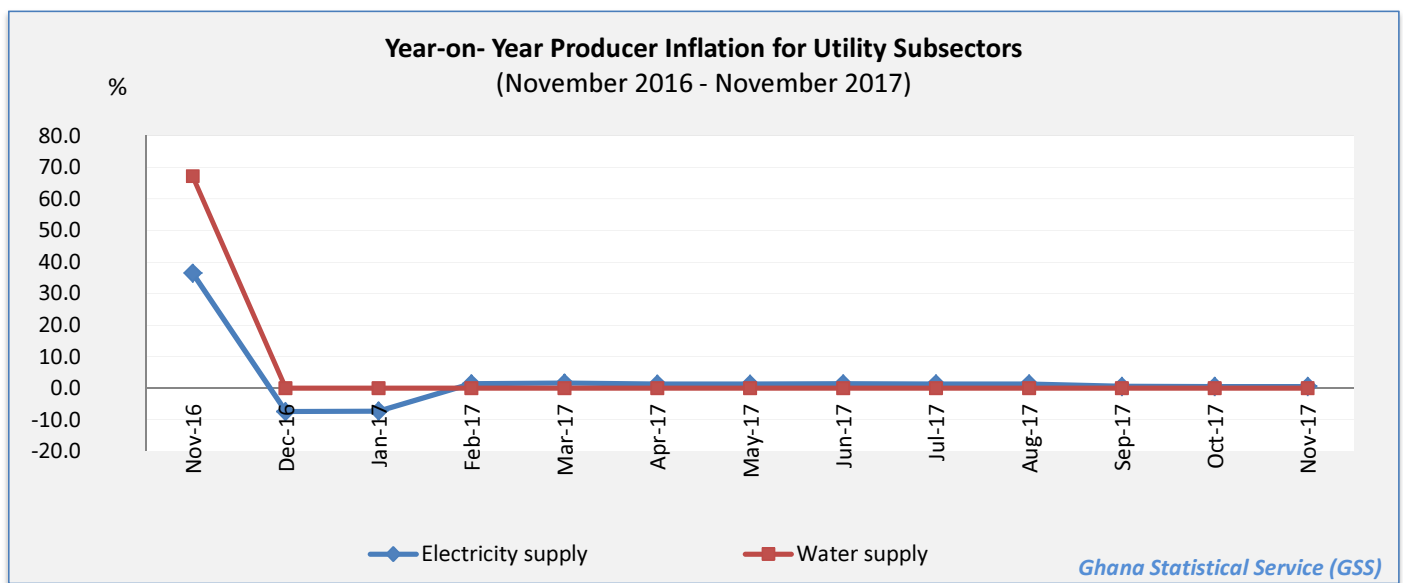


Table 13: Utilities: Monthly Change Rates for November 2016 - November 2017 (%)

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
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	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	p 0.0	p 0.0	p 0.0	p 0.0	p 0.0

p: provisional

