



STATISTICAL INSTITUTE OF JAMAICA

7 CECILIO AVENUE KINGSTON 10



Release Date: Thursday January 26, 2017

Percentage Change for Mining & Quarrying Industry

• December 2016	0.2%
• November 2016	0.7%
• October 2016	0.6%
• September 2016	0.6%
• August 2016	0.3%
• July 2016	1.1%
• June 2016	1.8%
• May 2016	0.3%
• April 2016	0.2%
• March 2016	0.8%
• February 2016	0.4%
• January 2016	0.4%
• December 2015	0.3%

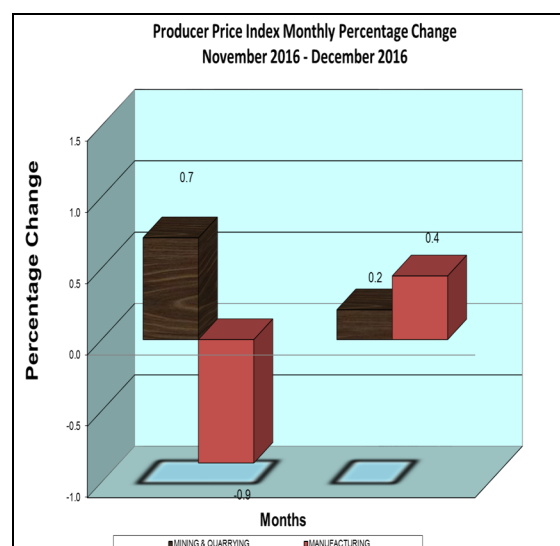
Percentage Change for Manufacturing Industry

• December 2016	0.4%
• November 2016	-0.9%
• October 2016	1.3%
• September 2016	1.1%
• August 2016	-0.1%
• July 2016	0.2%
• June 2016	1.8%
• May 2016	2.4%
• April 2016	0.7%
• March 2016	0.7%
• February 2016	-0.5%
• January 2016	-1.7%
• December 2015	-1.4%

HIGHLIGHTS: DECEMBER 2016

The **Mining and Quarrying** industry's index registered an increase of 0.2 per cent for the month under review. This resulted in the industry recording an upward movement of 7.5 per cent for the calendar year 2016. The index for the **Manufacturing** industry increased by 0.4 per cent. For the calendar year 2016 the Manufacturing industry recorded an increase of 7.4 per cent in its index. This movement was mainly attributed to the increases in the index for the major groups;

'Food, Beverages & Tobacco', 'Refined Petroleum Products' and 'Chemicals and Chemical Products'.



POINT-TO-POINT

Point to point movements in the index for the period **December 2015 to December 2016**, showed a 7.9 per cent increase in the index for the Mining & Quarrying industry, while the Manufacturing industry moved up by 5.6 per cent. The increase in the Manufacturing industry resulted mainly from an upward movement in the index for the 'Refined Petroleum Products' major group, advancing by 19.7 percentage points. (See Table 2).

FISCAL YEAR 2016/2017

The **fiscal-year-to-date, April 2016 to December 2016**, for the Mining & Quarrying industry reflected an upward movement in its index of 6.0 per cent, while the Manufacturing industry's index rose by 6.5 per cent. (See Table 3).

MAIN FINDINGS

Mining & Quarrying

During the month of December 2016, the index for the Mining and Quarrying industry rose by 0.2 per cent. This increase was attributed mainly to the 0.2 per cent upward movement for the major group 'Bauxite Mining and Alumina Processing'. This was as a result of the depreciation of the Jamaican dollar against the United States dollar. The other major group within the industry, 'Other Mining & Quarrying' registered a negligible movement.

Manufacturing

The Manufacturing industry advanced by 0.4 per cent for the period under review. The main contributors to this upward movement were the following major groups: 'Food Beverages & Tobacco' (0.2 per cent), 'Refined Petroleum Products' (1.6 per cent), 'Chemicals and Chemical Products' (0.1 per cent) and 'Rubber and Plastic Products' (0.4 per cent).

Food, Beverages & Tobacco

The major group 'Food, Beverages & Tobacco' increased by 0.2 per cent. Three of the five groups within the major group registered increases. The 'Manufacture of Dairy Products' group recorded the highest increase for the month of 1.2 per cent. The 'Manufacture of Other Food Products' moved up by 0.1 per cent due to increases in the output prices of items within the sub-groups: 'Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionary' (0.6 per cent) and 'Seasoning, Spices, Sauces and

Condiments' (0.1 per cent). The third group, 'Manufacture of Beverages and Tobacco' moved up by 0.4 per cent. Increased costs of raw materials as well as the depreciation of the Jamaican dollar against the United States dollar were the main reasons for the groups' movements.

Other major groups in Manufacturing

The index for the major group 'Refined Petroleum Products' recorded an increase of 1.6 per cent, mainly due to higher prices for heavy fuel oil on the local market.

The major group 'Chemicals and Chemical Products' registered an increase in its index of 0.1 per cent for the period under review.

The other major groups that recorded increases were, 'Rubber and Plastic Products' and 'Textile, Wearing Apparel and Leather' up by 0.4 per cent and 0.1 per cent respectively for the period under review. These increases were the result of the depreciation of Jamaican dollar against the United States dollar.

Note to readers

All indices are subject to two (2) subsequent revisions after the original release. Consequently, some of the figures published in this bulletin may be different from those previously reported.

FIGURE 1

**Monthly Percentage Change in the PPI for Mining & Quarrying
December 2015 – December 2016**

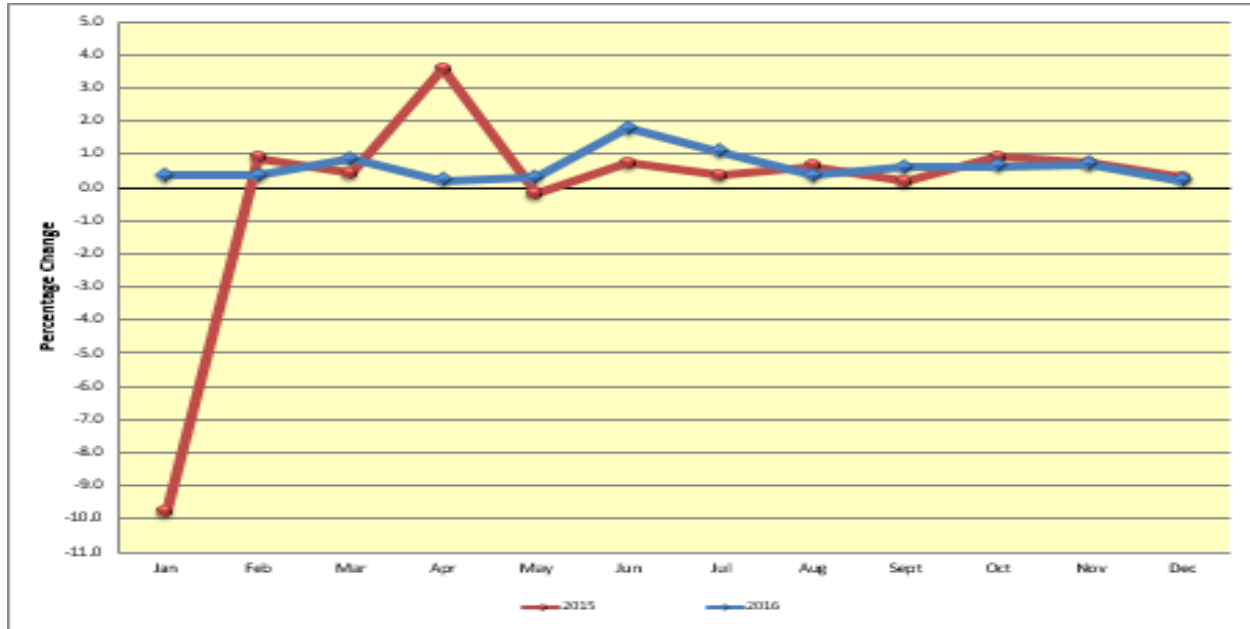
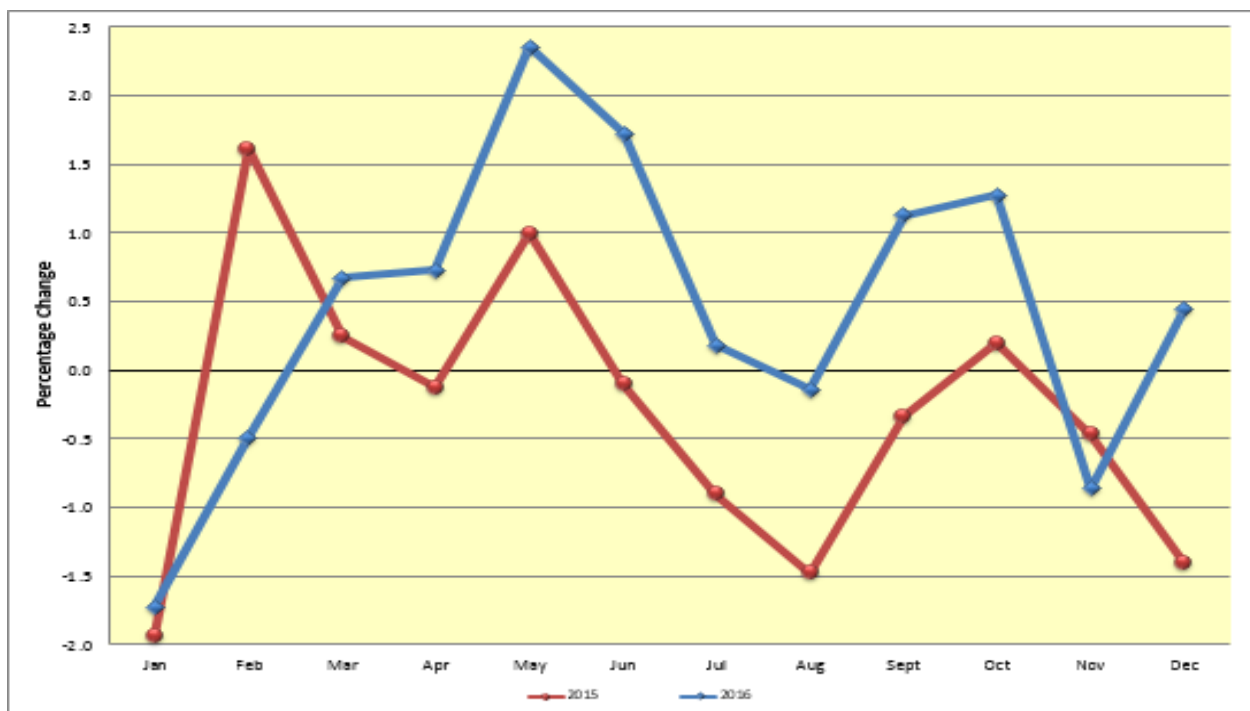


FIGURE 2

**Monthly Percentage Change in the PPI for Manufacturing
December 2015 – December 2016**



Monthly Producer Price Index by Industry

October 2016 - December 2016

Table 1

INDUSTRY	Months		
	Dec-16	Nov-16	Oct-16
MINING & QUARRYING	167.9	167.5	166.3
Bauxite Mining & Alumina Processing	166.4	166.0	164.8
Other Mining & Quarrying	203.3	203.2	202.9
MANUFACTURING	169.5	168.7	170.2
Food, Beverages & Tobacco	180.3	179.9	179.5
Production, Processing & Preserving of Meats, Fish, Fruits, Vegetables, Oils and Fats	169.2	169.2	168.2
<i>Meat & Meat products and Fish & Fish Products</i>	169.9	169.9	168.7
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	174.6	174.5	174.3
Manufacture of Dairy Products	217.4	214.7	214.6
Manufacture of Grain Mill Products, Starches and Starch Products	174.7	174.7	174.7
Manufacture of Other Food Products	183.9	183.7	183.1
<i>Bakery Products</i>	169.7	169.7	169.7
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	209.1	207.8	206.4
<i>Seasoning, Spices, Sauces and Condiments</i>	201.8	201.7	201.3
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	194.9	194.9	191.8
Manufacture of Beverages and Tobacco	174.0	173.3 ^r	173.2 ^r
Textile, Wearing Apparel and Leather Products	166.3	166.2	165.7
Wood, Wood Products and Furniture	155.2	155.2	155.2
Paper and Paper Products	146.6	146.6	146.6
Chemicals and Chemical Products	187.9	187.7	187.1
Refined Petroleum Products	114.2	112.5	118.4
Rubber & Plastic Products	130.3	129.8 ^r	129.8 ^r
*Other Non-Metallic Mineral Products	180.3	180.3	179.9
Fabricated Metal Products excl. Machinery & Equipment	172.7	172.6	172.6
Other Manufacturing n.e.c.	137.4	137.4	137.4

* Other Non-Metallic Mineral Products include cement and concrete.

n.e.c. = Not elsewhere classified. r= These figures have been revised

Percentage Change in the Producer Price Index by Industry

October 2016 - December 2016

Table 2

INDUSTRY	Percentage Change					
	Month-to-Month			Point-to-Point		
	Dec-16	Nov-16	Oct-16	Dec-15 to Dec-16	Nov-15 to Nov-16	Oct-15 to Oct-16
MINING & QUARRYING	0.2	0.7	0.6	7.9	8.0	8.0
Bauxite Mining & Alumina Processing	0.2	0.7	0.6	7.6	7.7	7.7
Other Mining & Quarrying	0.0	0.2	0.1	15.9	15.9	15.9
MANUFACTURING	0.4	-0.9	1.3	5.6	3.6	4.1
Food, Beverages & Tobacco	0.2	0.2	0.3	2.4	2.5	2.4
Production, Processing & Preserving of Meats, Fish, Fruits, Vegetables, Oils and Fats	0.0	0.6	1.2	3.5	3.5	3.0
<i>Meat & Meat products and Fish & Fish Products</i>	0.0	0.7	1.5	3.5	3.5	2.7
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	0.0	0.1	0.1	2.0	2.1	2.1
Manufacture of Dairy Products	1.2	0.0	0.0	2.2	2.1	2.4
Manufacture of Grain Mill Products, Starches and Starch Products	0.0	0.0	0.0	2.4	2.6	2.6
Manufacture of Other Food Products	0.1	0.3	0.1	2.3	2.3	2.3
<i>Bakery Products</i>	0.0	0.0	0.0	0.2	0.2	0.2
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	0.6	0.7	0.4	6.9	7.1	7.6
<i>Seasoning, Spices, Sauces and Condiments</i>	0.1	0.2	0.2	2.1	2.1	2.5
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	0.0	1.6	0.0	6.5	6.5	4.8
Manufacture of Beverages and Tobacco	0.4	0.1 ^r	0.0	1.4	1.6	1.7
Textile, Wearing Apparel and Leather Products	0.1	0.3	0.2	4.7	5.4	5.4
Wood, Wood Products and Furniture	0.0	0.0	0.0	3.5	3.5	3.5
Paper and Paper Products	0.0	0.0	0.0	3.8	3.8	4.4
Chemicals and Chemical Products	0.1	0.3	0.3	5.0	5.0	5.0
Refined Petroleum Products	1.6	-5.0	5.5	19.7	3.8	5.1
Rubber & Plastic Products	0.4	0.0	-0.3 ^r	-1.1	-1.1	-1.1
Other Non-Metallic Mineral Products*	0.0	0.2	0.5	1.9	1.9	1.7
Fabricated Metal Products excl. Machinery & Equipment	0.0	0.0	0.1	2.0	2.0	2.1
Other Manufacturing n.e.c.	0.0	0.0	0.0	1.1	1.1	1.1

* Other Non-Metallic Mineral Products include cement and concrete.

n.e.c. = Not elsewhere classified. r= These figures have been revised

Percentage Change in the Producer Price Index by Industry for the 2016/2017 Fiscal Year to Date

Table 3

INDUSTRY	Year-to-Date (Fiscal)	
	Apr-16 to Dec-16	Apr-16 to Nov-16
MINING & QUARRYING	6.0	5.8
Bauxite Mining & Alumina Processing	5.8	5.6
Other Mining & Quarrying	11.1	11.1
MANUFACTURING	6.5	6.0
Food, Beverages & Tobacco	2.1	1.8
Production, Processing & Preserving of Meats, Fish, Fruits Vegetables, Oils and Fats	3.7	3.7
<i>Meat & Meat products and Fish & Fish Products</i>	3.7	3.7
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	1.8	1.7
Manufacture of Dairy Products	2.0	0.8
Manufacture of Grain Mill Products, Starches and Starch Products	2.3	2.3
Manufacture of Other Food Products	1.4	1.3
<i>Bakery Products</i>	0.2	0.2
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	4.7	4.1
<i>Seasoning, Spices, Sauces and Condiments</i>	1.6	1.5
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	2.1	2.1
Manufacture of Beverages and Tobacco	1.2	0.8
Textile, Wearing Apparel and Leather Products	2.0	1.9
Wood, Wood Products and Furniture	1.8	1.8
Paper and Paper Products	3.2	3.2
Chemicals and Chemical Products	3.8	3.7
Refined Petroleum Products	28.5	26.5
Rubber & Plastic Products	-0.7	-1.1
Other Non-Metallic Mineral Products*	1.3	1.3
Fabricated Metal Products excl. Machinery & Equipment	1.7	1.7
Other Manufacturing n.e.c.	0.8	0.8

* Other Non-Metallic Mineral Products include cement and concrete.

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Glossary of Important PPI Terms

Base Period: This is a point in time used as a reference period for comparison with other time periods. The base period used for the PPI is 2008 when the index is equal to 100.

Industry: An industry consists of a group of establishments engaged in the same or similar kinds of economic activity, e.g. mining and quarrying, and manufacturing, etc.

Inflation: Inflation is the overall general upward movement of the prices of goods and services in an economy.

Producer's Price: This is the amount received by the producer from the purchaser for a unit of good or service produced as output. It excludes all deductible tax, supplier's retail and wholesale margins and separately invoiced transport and insurance charges.

Producer Price Index (PPI): This is an index designed to measure the average change in the price of goods and services either as they leave the place of production or as they enter the production process. This index can be based on either output or input prices.

Output PPI: An output PPI, (as is computed for Jamaica) is a measure of the change in the prices of finished goods and services that are sold on the domestic market or exported. The prices of finished goods are monitored because they are the best measure of what purchasers will actually have to pay.

'Pure' Price Change: This represents the change in the price of a good or service whose characteristics do not change over time.

Weights: Weights are a set of numbers between zero and one that sum to unity and are used when calculating averages. It is the value assigned to each item that is indicative of its relative importance when combined with all other items. It is used to represent the impact of a particular price change on the overall index.

Further Information

Further information on the PPI can be obtained from the STATIN brochure "Producer Price Index, A Tool for Economic Analysis". Monthly PPI data are available in the Producer Price Index Monthly Bulletin and on the STATIN website at www.statinja.gov.jm. Information on the entire PPI series including revisions are available from STATIN's Library.

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