



STATISTICAL INSTITUTE OF JAMAICA

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Percentage Change for Mining & Quarrying Industry

• 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%
• November 2015	0.7%
• October 2015	0.9%
• September 2015	0.2%
• August 2015	0.6%
• July 2015	0.4%

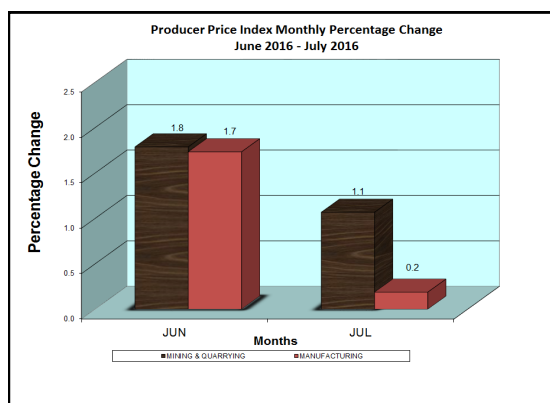
Percentage Change for Manufacturing Industry

• July 2016	0.2%
• June 2016	1.7%
• May 2016	2.4%
• April 2016	0.7%
• March 2016	0.7%
• February 2016	-0.5%
• January 2016	-1.7%
• December 2015	-1.4%
• November 2015	-0.5%
• October 2015	-0.1%
• September 2015	-0.3%
• August 2015	-1.5%
• July 2015	-0.9%

HIGHLIGHTS: JULY 2016

The Producer Price Index for the Mining & Quarrying industry increased by 1.1 per cent in July 2016. This was due to a similar upward movement of 1.1 per cent for the major group 'Bauxite Mining & Alumina Processing'. Producer prices for the Manufacturing industry increased by 0.2 per cent. Contributing to this movement were the major groups 'Food, Beverages & Tobacco' which rose by 0.1 per cent, 'Chemical and Chemical products' which increased by 0.6 per

cent and 'Paper and Paper Products' which recorded a movement of 2.8 per cent. However, these upward movements were moderated by a 0.4 per cent decline in the major group 'Refined Petroleum Products.'



POINT-TO-POINT

The point-to-point movements in the PPI, for the period July 2015 to July 2016, reflected an increase of 8.0 per cent in the index for the Mining & Quarrying. For the same period under review, the producer prices within the Manufacturing industries moved down by 0.1 per cent. The movement in the index for the Manufacturing industry was due largely to a decrease of 16.5 per cent in the index for the major group 'Refined Petroleum Products'. However, this movement was moderated by the 2.0 per cent increase in the heaviest weighted major group, 'Food, Beverages & Tobacco'.

FISCAL YEAR 2016/2017

The index for the Mining & Quarrying industry recorded a 3.2 per cent increase for the **fiscal year-to-date 2016/2017** (April 2016 to July 2016), with the Manufacturing industry moving upwards by 4.3 per cent.

MAIN FINDINGS

Mining & Quarrying

The index for the Mining & Quarrying industry registered an increase of 1.1 per cent for July 2016. This upward movement was as a result of the 1.1 per cent increase in the index for the major group 'Bauxite Mining & Alumina Processing' (See Table 2). The other major group within the industry; 'Other Mining & Quarrying' recorded a 0.3 per cent increase in its index for the period. The depreciation of the Jamaican dollar against the United States dollar was the main contributor to the increases for July 2016.

Manufacturing

"The Manufacturing industry" index moved up by 0.1 per cent for the period under review. This movement was due mainly to increases in the index for the major groups 'Food, Beverages and Tobacco' up by 0.1 per cent, 'Paper and Paper Products' up by 2.8 per cent and 'Chemical and Chemical Products' (0.6 per cent). Tempering these increases was the 0.4 per cent decline in the index for the major group 'Refined Petroleum Products'.

Food, Beverages & Tobacco

For July, the index for the major group 'Food, Beverages & Tobacco' went up by 0.1 per cent. This movement was due to increases in the groups 'Manufacture of Grain Mill Products, Starches and Starch Products' (0.1 per cent); 'Manufacture of Other Food Products' (0.2 per cent), and 'Manufacture of Beverages and Tobacco' (0.1 per cent). The movement in the index for the group 'Manufacture of Grain Mill Products, Starches

and Starch Products' was attributed to higher cost of raw materials and labour, as well as the depreciation of the Jamaican dollar. Within the group 'Manufacture of Other Food Products' increases were recorded for 'Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionary' (0.8 per cent), 'Seasoning, Spices, Sauces and Condiments' (0.3 per cent) and 'Macaroni, Noodles, Couscous & Other Food Products n.e.c.' (0.4 per cent). These increases were mainly as a result of the depreciation of the Jamaican dollar. The upward movement in the index for 'Manufacture of Beverages & Tobacco' was due to the increased cost of raw materials.

Other major groups in Manufacturing

The other major groups recording increases were 'Paper and Paper Products' which moved up by 2.8 per cent, 'Chemicals & Chemical Products' up by 0.6 per cent, Textile, Wearing Apparel & Leather Products' (0.4 per cent) and 'Fabricated Metal Products excl. Machinery & Equipment' (0.7 per cent). These upward movements were due to a price increase in the cost of raw materials and the depreciation of the Jamaican dollar.

Tempering the increases registered for the other major group was the decline of 0.4 per cent in the index for 'Refined Petroleum Products', due to lower fuel prices on the international market.

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
July 2015 – July 2016**

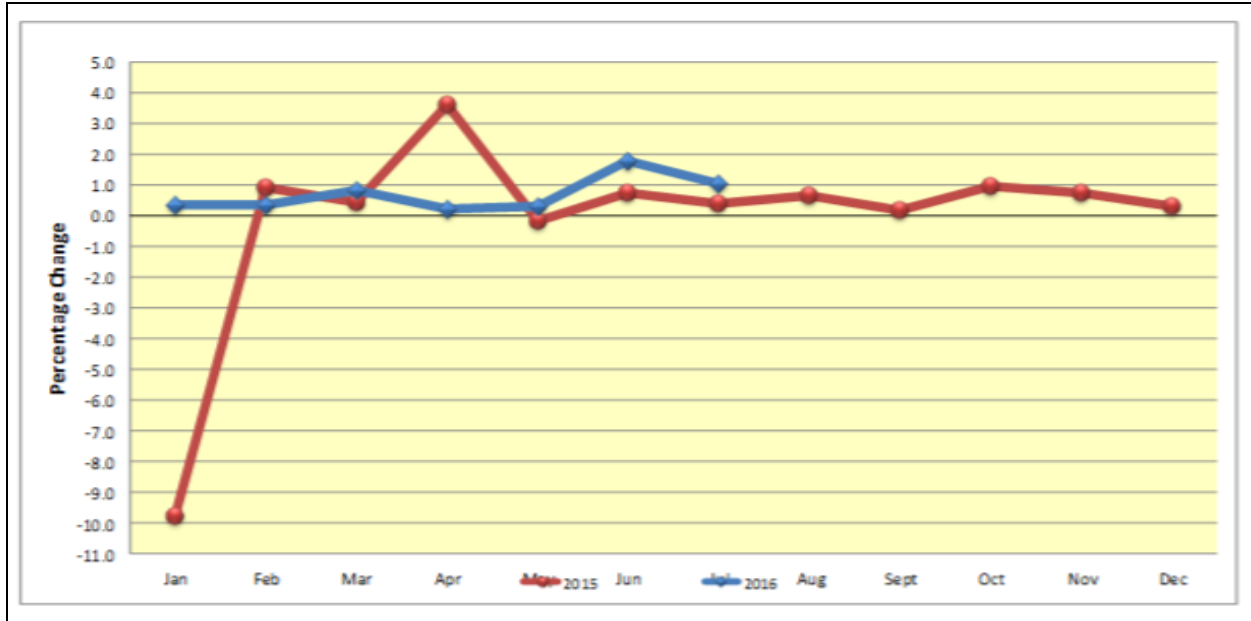
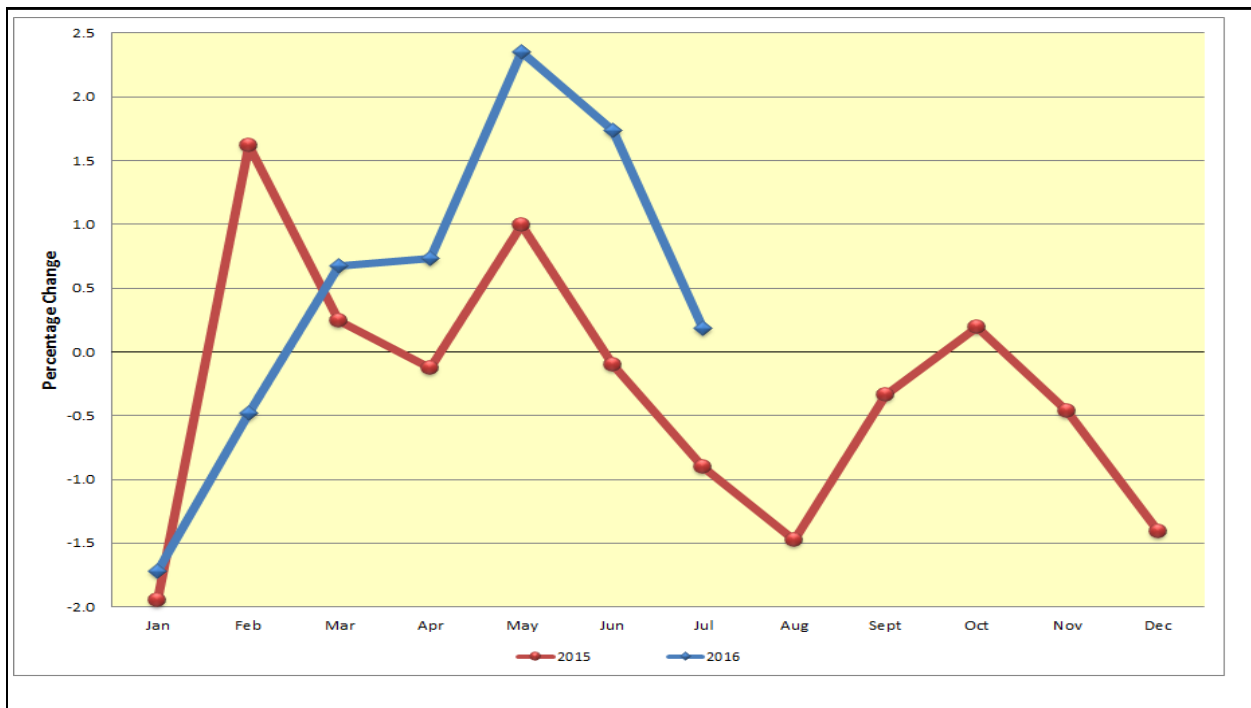


FIGURE 2

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



Monthly Producer Price Index by Industry

May 2016 - July 2016

Table 1

INDUSTRY	Months		
	Jul-16	Jun-16	May-16
MINING & QUARRYING	163.5	161.7	158.9
Bauxite Mining & Alumina Processing	162.4	160.6	157.8
Other Mining & Quarrying	185.6	185.2	183.1
MANUFACTURING	166.1	165.8	162.9
Food, Beverages & Tobacco	177.3	177.1	176.8
Production, Processing & Preserving of Meats, Fish, Fruits, Vegetables, Oils and Fats	163.2	163.2	163.1
<i>Meat & Meat products and Fish & Fish Products</i>	163.9	163.9	163.9
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	172.5	172.2	171.7
Manufacture of Dairy Products	213.2	213.2	213.0
Manufacture of Grain Mill Products, Starches and Starch Products	170.8	170.7	170.7
Manufacture of Other Food Products	182.6	182.1	181.5
<i>Bakery Products</i>	169.6	169.5	169.5
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	204.3	202.8	200.1
<i>Seasoning, Spices, Sauces and Condiments</i>	200.1	199.6	198.8
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	191.8	190.9	190.9
Manufacture of Beverages and Tobacco	173.0	172.9	172.1
Textile, Wearing Apparel and Leather Products	169.4	164.2	163.2
Wood, Wood Products and Furniture	152.5	152.5	152.5
Paper and Paper Products	146.0	142.1	142.1
Chemicals and Chemical Products	183.8	182.7	181.2
Refined Petroleum Products	109.4	109.9	101.5
Rubber & Plastic Products	132.0	131.9	130.8
*Other Non-Metallic Mineral Products	178.2	178.2	178.0
Fabricated Metal Products excl. Machinery & Equipment	171.6	170.4	169.8
Other Manufacturing n.e.c.	136.4	136.4	136.4

* 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

May 2016 - July 2016

Table 2

INDUSTRY	Percentage Change					
	Month-to-Month			Point-to-Point		
	Jul-16	Jun-16	May-16	Jul-15 to Jul-16	Jun-15 to Jun-16	May-15 to May-16
MINING & QUARRYING	1.1	1.8	0.3	8.0	7.3	6.3
Bauxite Mining & Alumina Processing	1.1	1.8	0.3	8.1	7.4	6.2
Other Mining & Quarrying	0.3	1.1	0.1	6.5	6.3	6.7
MANUFACTURING	0.2	1.7	2.4	-0.1	-1.2	-3.0
Food, Beverages & Tobacco	0.1	0.2	0.0	2.0	1.8	1.6
Production, Processing & Preserving of Meats, Fish, Fruits, Vegetables, Oils and Fats	0.0	0.0	0.0	0.0	0.1	-0.4
<i>Meat & Meat products and Fish & Fish Products</i>	0.0	0.0	0.0	-0.1	0.1	-0.5
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	0.2	0.3	0.1	1.3	1.3	1.1
Manufacture of Dairy Products	0.0	0.1	0.0	2.8	2.6	3.6
Manufacture of Grain Mill Products, Starches and Starch Products	0.1	0.0	0.0	0.2	-0.7	-0.7
Manufacture of Other Food Products	0.2	0.3	0.1	2.6	2.4	2.2
<i>Bakery Products</i>	0.0	0.0	0.0	0.2	0.2	0.2
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	0.8	1.3	0.2	7.8	7.3	6.4
<i>Seasoning, Spices, Sauces and Condiments</i>	0.3	0.4	0.1	4.5	4.3	4.1
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	0.4	0.0	0.0	6.1	5.6	5.6
Manufacture of Beverages and Tobacco	0.1	0.5	0.1	4.0	4.0	3.5
Textile, Wearing Apparel and Leather Products	0.4	0.6	0.1	6.6	6.3	5.9
Wood, Wood Products and Furniture	0.0	0.0	0.0	1.7	1.7	1.7
Paper and Paper Products	2.8	0.0	0.0	5.6	3.1	3.1
Chemicals and Chemical Products	0.6	0.8	0.1	4.6	4.1	4.3
Refined Petroleum Products	-0.4	8.3	14.2	-16.5	-20.4	-27.6
Rubber & Plastic Products	0.1	0.9	-0.3	0.4	0.4	-0.4
Other Non-Metallic Mineral Products*	0.0	0.1	0.0	1.5	1.5	1.4
Fabricated Metal Products excl. Machinery & Equipment	0.7	0.3	0.1	1.3	0.6	0.4
Other Manufacturing n.e.c.	0.0	0.0	0.0	1.8	1.8	1.8

* 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 July-16
MINING & QUARRYING	3.2
Bauxite Mining & Alumina Processing	3.3
Other Mining & Quarrying	1.5
MANUFACTURING	4.3
Food, Beverages & Tobacco	0.4
Production, Processing & Preserving of Meats, Fish, Fruits Vegetables, Oils and Fats	0.0
<i>Meat & Meat products and Fish & Fish Products</i>	0.0
<i>Fruits & Vegetables and Animal & Vegetable Oils & Fats</i>	0.6
Manufacture of Dairy Products	0.1
Manufacture of Grain Mill Products, Starches and Starch Products	0.1
Manufacture of Other Food Products	0.6
<i>Bakery Products</i>	0.1
<i>Sugar, Cocoa, Coffee, Chocolate & Sugar Confectionery</i>	2.3
<i>Seasoning, Spices, Sauces and Condiments</i>	0.7
<i>Macaroni, Noodles, Couscous & Other Food Products n.e.c</i>	0.5
Manufacture of Beverages and Tobacco	0.7
Textile, Wearing Apparel and Leather Products	1.1
Wood, Wood Products and Furniture	0.0
Paper and Paper Products	2.8
Chemicals and Chemical Products	1.6
Refined Petroleum Products	23.1
Rubber & Plastic Products	0.6
Other Non-Metallic Mineral Products*	0.1
Fabricated Metal Products excl. Machinery & Equipment	1.1
Other Manufacturing n.e.c.	0.0

* Other Non-Metallic Mineral Products include cement and concrete.
n.e.c. = Not elsewhere classified. r= These figures have been revised

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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