

MISSI

Monthly Integrated Survey of Selected Industries

2014 -2015

(2000=100)



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY
SOLID • RESPONSIVE • WORLD-CLASS

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His Excellency
PRESIDENT RODRIGO R. DUTERTE

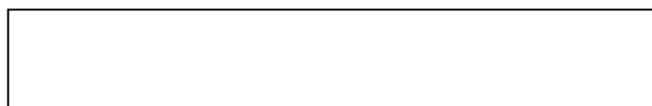


REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

LISA GRACE S. BERSALES Ph.D.
Undersecretary
National Statistician and Civil Registrar General

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FOREWORD

This publication, the *Monthly Integrated Survey of Selected Industries (MISSI) 2014 - 2015*, is the fourteenth edition of the annual series published by the Philippine Statistics Authority (PSA). This edition contains the final results of the MISSI and the Producer Price Survey (PPS), both of which are monthly undertakings of PSA. Both surveys are envisioned to provide *flash* indicators on the performance of growth-oriented industries in manufacturing.

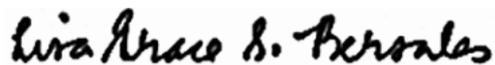
Part I features the highlights of the 2000-based MISSI and PPI which include indices on the value and volume of production, value and volume of net sales, capacity utilization, producer price index and response rates for the years 2014 and 2015.

Part II includes the Technical Notes on the methodologies used in the computation of the 2000-based indices.

Part III consists of statistical tables for the 2000-based MISSI and PPS indicators by major sectors and sub-sectors of the manufacturing industry for the years 2014 to 2015.

As part of our continuing effort to give our data users timely information, monthly preliminary results are disseminated as press releases at the PSA website: www.psa.gov.ph

This Office gratefully acknowledges and appreciates the continued cooperation extended by the responding establishments.



LISA GRACE S. BERSALES, Ph. D.
Undersecretary
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Quezon City, Philippines
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PART 1
HIGHLIGHTS

MONTHLY INTEGRATED SURVEY OF SELECTED INDUSTRIES (MISSI) 2014 – 2015

Table A Year-on-Year Growth Rates for Production Index, Net Sales Index and Producer Price Index: 2014 and 2015

TOTAL MANUFACTURING	2015	2014
Production Index (2000=100)		
Value (VaPI)	-4.3	6.3
Volume (VoPI)	2.6	7.3
Net Sales Index (2000=100)		
Value (VaNSI)	-7.1	3.7
Volume (VoNSI)	-0.3	4.6
Producer Price Index (2000=100)	-6.7	-0.9
Average Capacity Utilization	83.3	83.4

- **Value of Production Index (VaPI)**

The Value of Production Index (VaPI) for total manufacturing industry in 2015 slid down to 176.9, depicting a decrease of 4.3 percent, after registering increases in the previous five years. Refer to Table 1 and Figure 1.

The decrease was due to the slump in VaPI exhibited by the nine major sectors, outpacing the increases reported by 11 major sectors. Four of the nine major sectors significantly pulled down the production value of the manufacturing industry, led by **wood and wood products** with 29.1 percent decline. Meanwhile, the sluggish performance in export-oriented manufactured goods in 2015 affected the **furniture and fixtures** industry, which posted a 28.1 percent decrease. The weakening demand for gas oil in the regional market can be attributed to the negative 25.8 percent growth in **petroleum products**. **Food manufacturing** also influenced the decrement as it went down by 13.8 percent, mainly on manufactures of vegetable oils and fats which fell by 25.3 percent.

On an annual basis, VaPI reflected its lowest year-on-year decline in May 2015 at 7.8 percent, a reversal from the same month of previous year's growth of 11.4 percent. The decrease was brought about by the contraction in VaPI for the nine major sectors, with two-digit decreases observed in seven major sectors of the manufacturing industry. Most affected was **wood and wood products** with 36.4 percent, due to low production of veneer and plywood according to the manufacturers of wood industry. The significant decline in **furniture and fixtures** and **footwear and wearing apparel**, with negative growths of 23.4 percent and 20.8 percent, respectively also affected the decrease in exportation demand for these products since 2014. Other sectors that largely contributed to the drop in VaPI were **petroleum products** (-23.0%), **basic metals** (-21.8%), **food manufacturing** (-17.3%), and **electrical machinery** (-11.7%).

- **Volume of Production Index (VoPI)**

Compared with VaPI, the average Volume of Production Index (VoPI) at 125.7 maintained its positive growth of 2.6 percent in 2015. The rise in VoPI could be attributed to the appreciation of Philippine peso which has an overall impact on production output. Thirteen out of the 20 major sectors mainly influenced the growth in VoPI, with significant expansion exhibited by **tobacco products** (30.5%) and **electrical machinery** (14.3%). This was expressively due to the high production demands on lamps and fixtures (23.6%), microcircuits (18.8%) and wires and wirings (18.0%) that showed notable growths in the electrical machinery industry. *Refer to Table 2 and Figure 2.*

On a yearly comparison, VoPI recorded its best performing growth rate of 15.0 percent in March 2015 from a minimal annual drop of less than one percent or 0.03 percent in the same month of previous year. This was attributed to the substantial improvement in production volume of **petroleum products**, which accelerated by 102.8 percent following a steep slowdown of 44.3 percent during the same period in the previous year. **Basic metals** grew by 81.7 percent due to the strong demand for rare specialty metals in non-ferrous metals during the same month of 2015. Other major sectors with two-digit increases and influenced the increase in VoPI were **printing** (36.3%), **tobacco products** (35.2%), **chemical products** (33.2%), **textiles** (24.3%), **furniture and fixtures** (13.4%) and **leather products** (11.3%).

- **Value of Net Sales Index (VaNSI)**

Value of Net Sales Index (VaNSI) for total manufacturing fell by 193.1, a decline of 7.1 percent in 2015 compared to the previous year's index of 207.8. The reduction in VaNSI was attributed to the decline in VaNSI for **printing**, which steeply fell by 49.9 percent after experiencing three-digit growth of 143.7 percent in the previous year. This was followed by the lesser demand for gas oil in the market stemmed to the decreasing sales value of **petroleum products**, posting a decrease of 25.5 percent. **Food manufacturing** made a turnaround as it posted a two-digit decline of 12.9 percent from an increase of 2.1 percent in 2014, largely driven by miscellaneous food (-61.8%) sub-sector. *Refer to Table 3 and Figures 3 to 4.*

VaNSI, registered its deepest year-on-year drop in February, with two-digit decrease of 10.5 percent compared with 9.6 percent growth during the same month in 2014. Seven of 13 major sectors posted decrements in sales value, with **printing** influencing the lowest decrease of 31.6 percent, due to lesser printing job orders from clients in this period. Other six major sectors that strongly contributed to the decline were as follows: **petroleum products** (-25.7%), **chemical products** (-22.9%), **footwear and wearing apparel** (-22.6%), **food manufacturing** (-16.0%), **leather products** (-13.4%) and **wood and wood products** (-12.7%).

- **Volume of Net Sales Index (VoNSI)**

In 2015, Volume of Net Sales Index (VoNSI) registered at 137.2, which reflected a minimal annual decrement of 0.3 percent, after exhibiting increases in the previous five years. The contraction was due to the significant reduction in VoNSI observed in six major sectors, offsetting the growth reported by the 14 major sectors. **Printing** was the most affected sector, influencing the largest decrease of 49.1 percent in 2015 compared with the three-digit growth of 143.7 percent in the previous year. Dragged down by the negative growth of miscellaneous food, **food manufacturing** fell by 13.3 percent. Refer to Table 4 and Figures 3 to 4.

In February 2015, VoNSI exhibited its lowest negative year-on-year growth of 5.2 percent. The decrease was attributed to the unfavorable performances of 10 major sectors, with two-digit decreases noted in five major sectors led by **printing** which contributed much to the decrease of 30.2 percent. This was followed by the heavily weighted sector of **chemical products** depicting a two-digit decrease of 25.0 percent. Three other major sectors that registered two-digit declines were **footwear and wearing apparel** (-21.3%), **food manufacturing** (-17.2%) and **leather products** (-13.2%).

- **Producer Price Index (PPI)**

The average Producer Price Index (PPI) for total manufacturing in 2015 continued to its downtrend as it fell merely by 6.7 percent. This can be explained by the significant contractions in prices noted in 10 major sectors, particularly **furniture and fixtures** with two-digit decrease of 27.5 percent and consistently reporting significant declines for the past seven years brought about by the low external demand in the market. The ample supply of gas oil triggered the slower prices in **petroleum products**, posting a negative growth of 19.8 percent. Other sectors that contributed much to the drop in the average growth of PPI were **wood and wood products** and **electrical machinery**, which posted 18.7 percent and 17.8 percent, respectively. Refer to Table 5 and Figures 5 to 6.

PPI exhibited its lowest year-on-year growth in September 2015 as it went down by 8.2 percent, from a minimal 0.7 percent increase during the same period of the previous year. The reversal in trend was caused by the decline in prices of **furniture and fixtures**, which sharply fell by 40.0 percent. This was followed by **petroleum products** which dropped by 20.9 percent due to oversupply of gasoline in the regional market during this period. Significant reduction in PPI was also observed in **wood and wood products** (-18.8%), **electrical machinery** (-17.4%) and **basic metals** (-12.8%).

- **Capacity Utilization**

Average capacity utilization rate for total manufacturing in 2015 slightly reduced by 0.1 percentage point to percent 83.3 percent, from 83.4 percent in 2014. The rate of increase in activity was consistently evident in **basic metals** and **petroleum products**, with 88.5 percent and 88.3 percent average capacity utilization rate, respectively. Other sectors that registered more than 80 percent capacity utilization rate were **non-metallic mineral products** (86.3%), **machinery except electrical** (84.9%), **electrical machinery** (84.4%), **food manufacturing** (84.2%), **chemical products** (83.3%), **paper and paper products** (83.2%), **rubber and plastic products** (82.5%), **wood and wood products** (80.9%) and **printing** (80.2%). Refer to Table 6.

Table B Distribution of Key Manufacturing Establishments by Capacity Utilization for Total Manufacturing: 2014 and 2015

Capacity Utilization	Percent Share	
	2015	2014
Below 50%	3.7	3.7
50% - 59%	4.3	5.0
60% - 69%	10.5	10.0
70% - 79%	21.6	22.2
80% - 89%	34.1	35.4
90% - 100%	25.8	23.7

- **Response Rate**

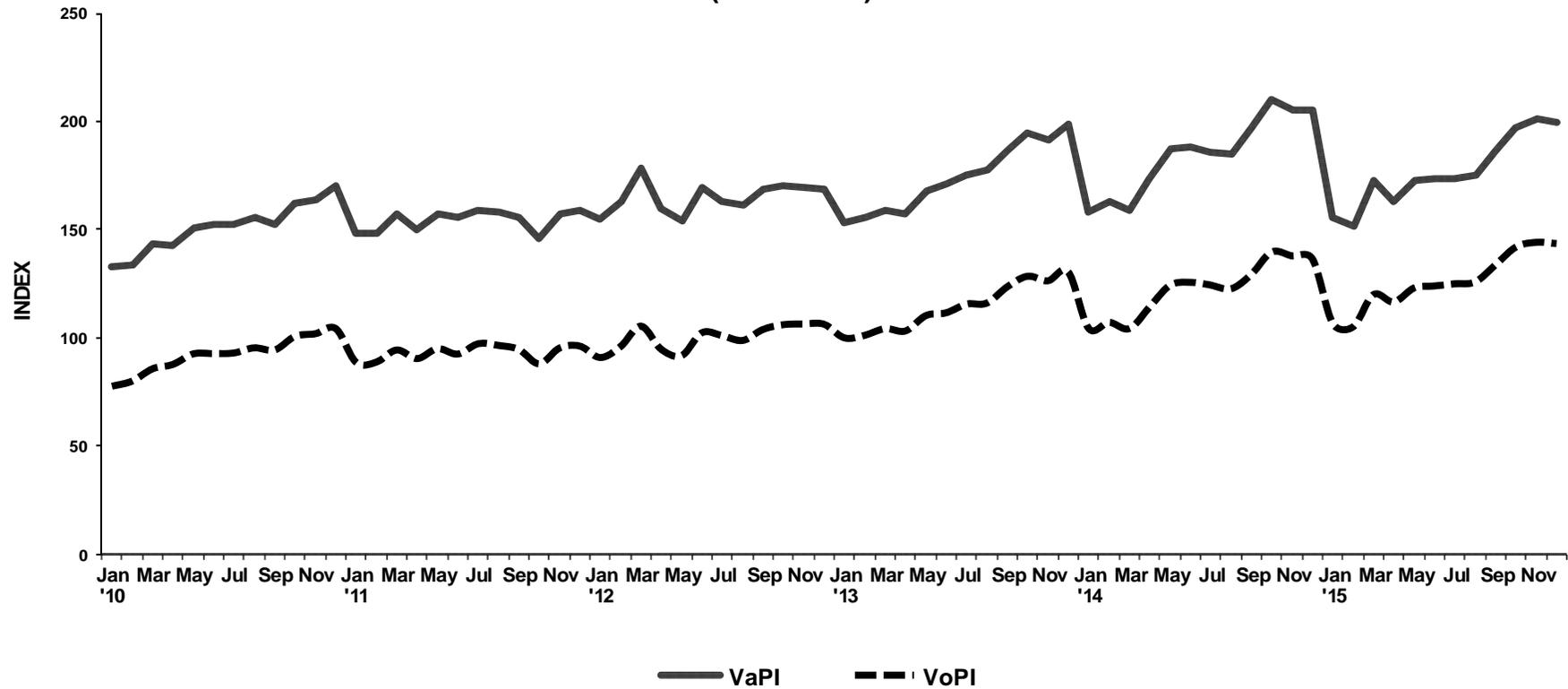
The final results of the computed MISSI and PPS indices are based on the final response rates for each month of the year. Refer to Table 7 and 8.

The average response rates for 2014 and 2015 are shown below.

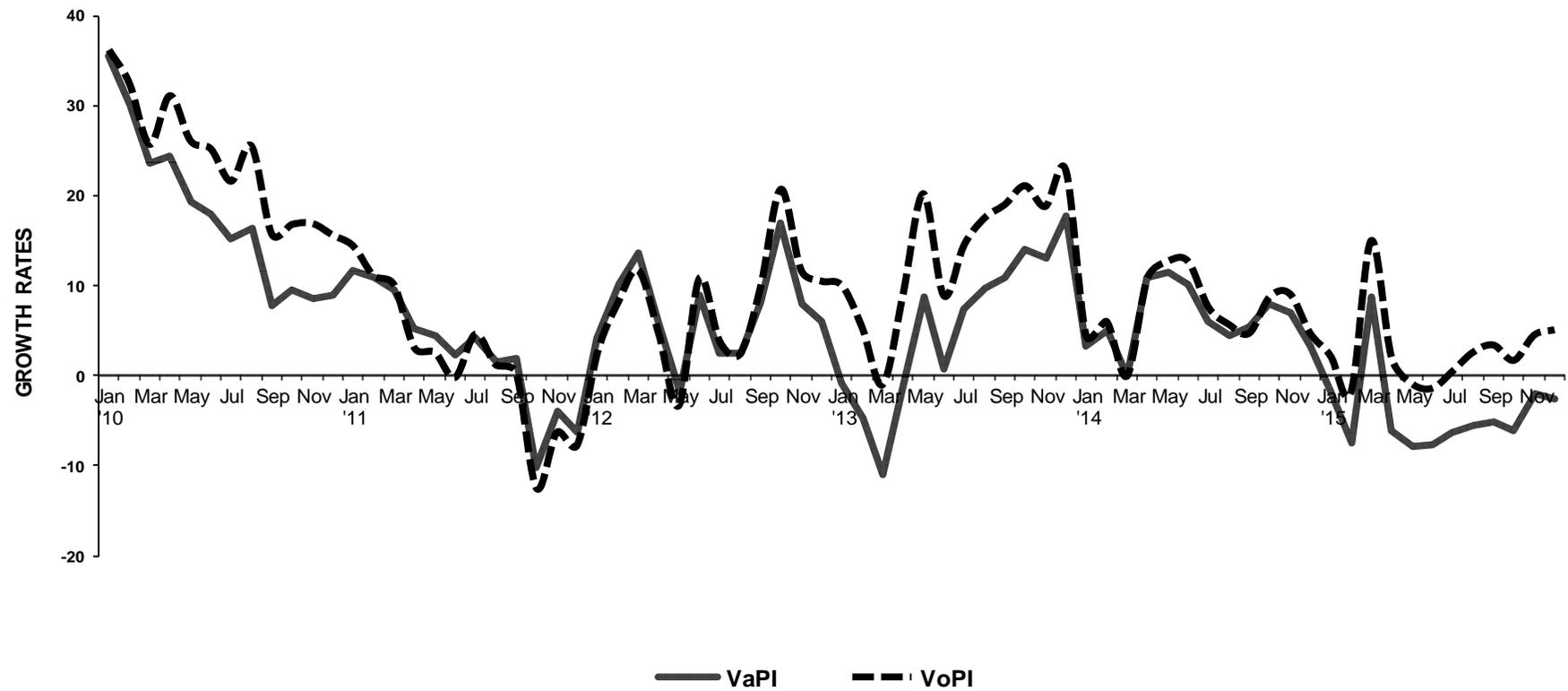
Table C Average Response Rates for MISS and PPS for Total Manufacturing: 2014 and 2015
(In percent)

Survey	2015	2014
MISSI	93.4	93.4
PPS	95.5	96.8

**FIGURE 1 Value of Production Index and Volume of Production Index
for Total Manufacturing: January 2010 - December 2015
(2000 = 100)**



**FIGURE 2 Year-on-Year Changes in Production: January 2010 - December 2015
(2000 = 100)**



**FIGURE 3 Value of Net Sales Index and Volume of Net Sales Index for Total Manufacturing
January 2010 - December 2015
(2000 = 100)**

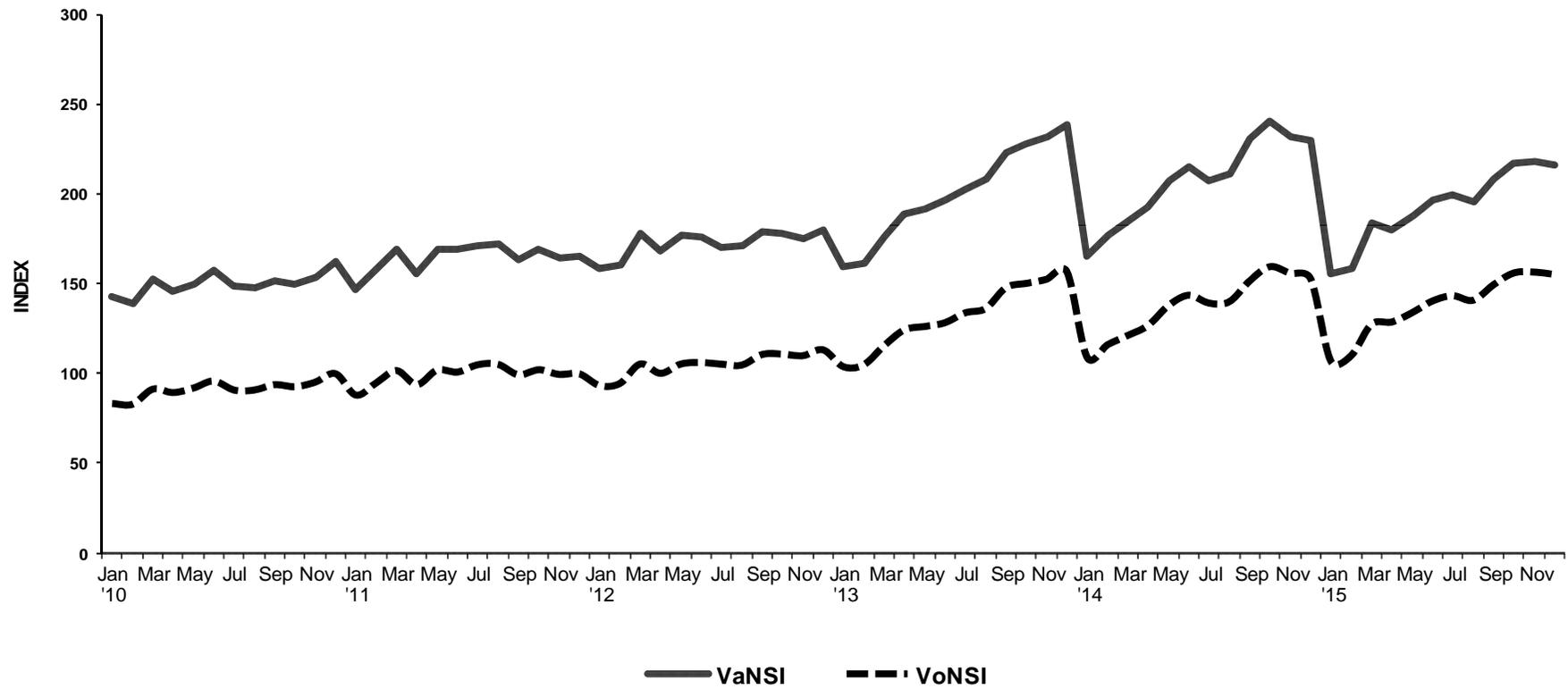
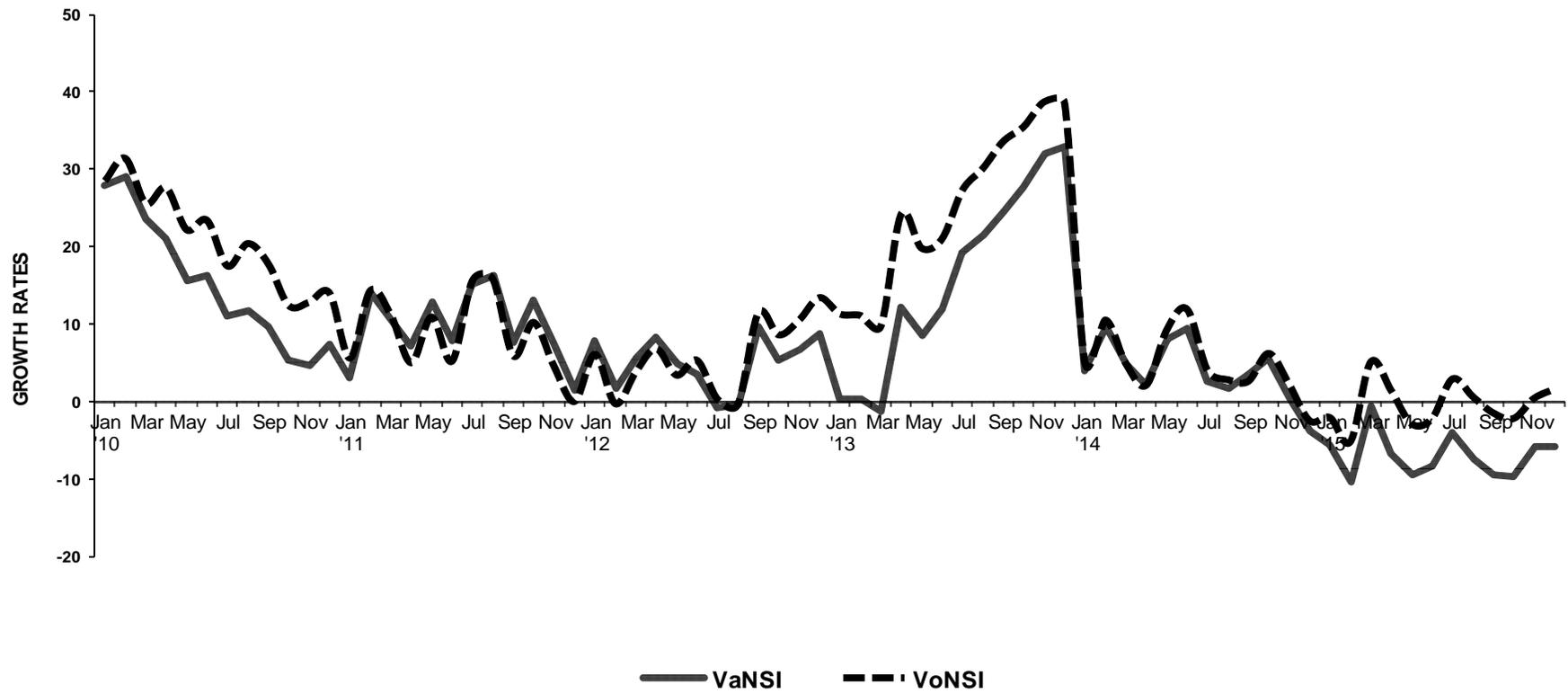
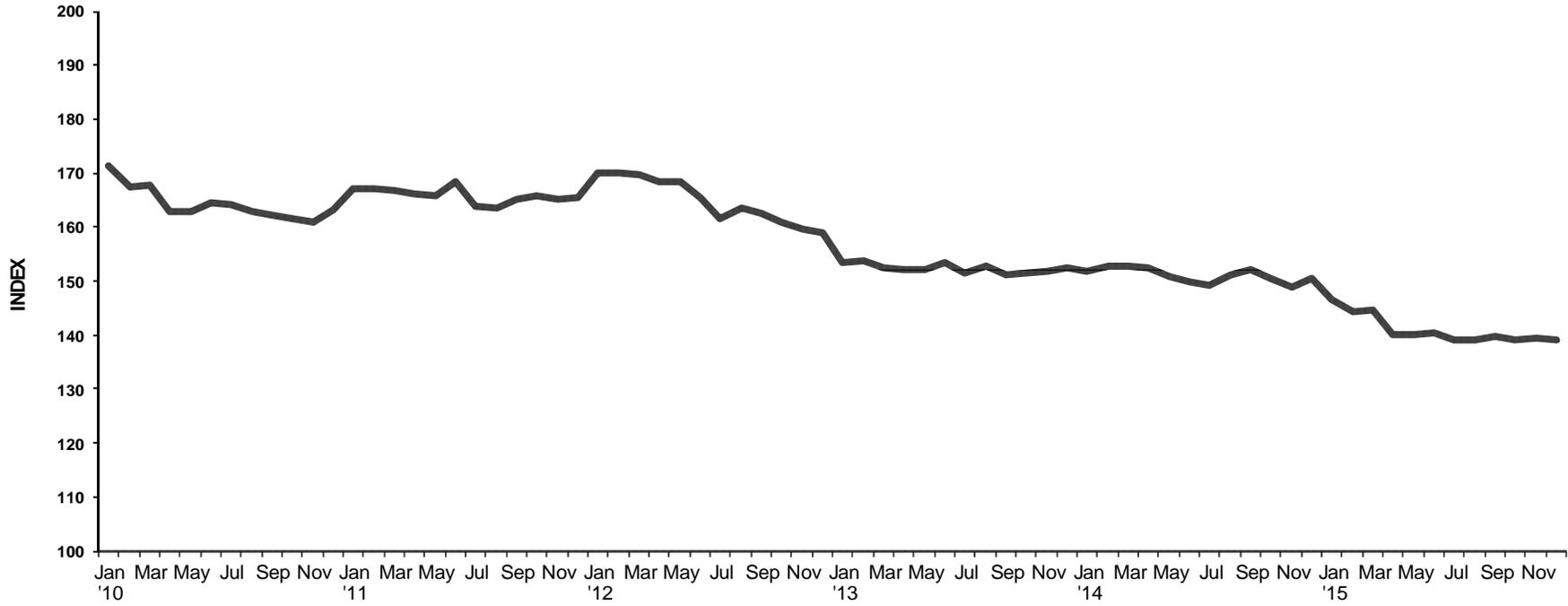


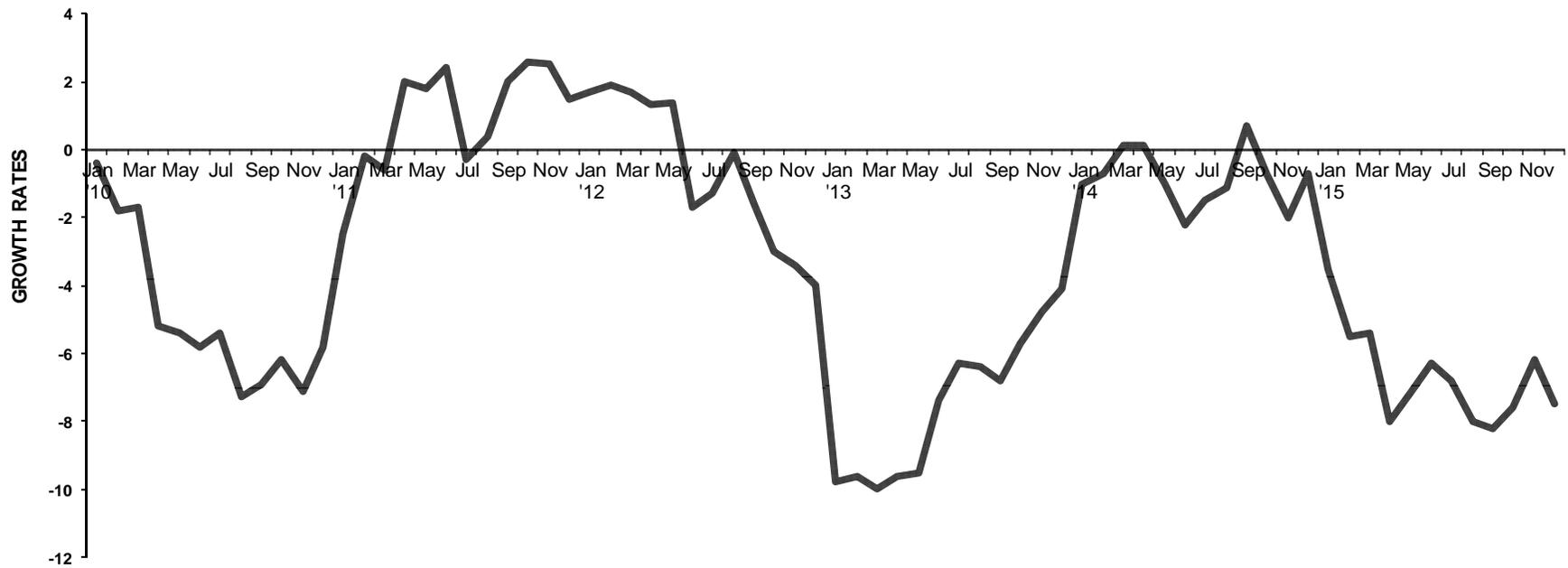
FIGURE 4 Year -on- Year Changes in Net Sales: January 2010 - December 2015
(2000 = 100)



**FIGURE 5 Producer Price Index for Total Manufacturing: January 2010 - December 2015
(2000 = 100)**



**FIGURE 6 Year -on- Year Changes in PPI for Total Manufacturing
January 2010 - December 2015
(2000 = 100)**



PART II
TECHNICAL NOTES

MONTHLY INTEGRATED SURVEY OF SELECTED INDUSTRIES FOR MANUFACTURING

INTRODUCTION

The predecessor of the Monthly Integrated Survey of Selected Industries (**MISSI**) is the Survey of Key Establishments in Manufacturing or SKEM. Through the years of its operation, the SKEM and later on the MISSI continued to utilize the shuttle type questionnaire for data collection.

HISTORICAL BACKGROUND

The MISSI timeline is shown below:

- | | |
|------|---|
| 1981 | The SKEM started as a project of the National Accounts Staff (NAS) of the National Economic and Development Authority (NEDA). Indices generated from the SKEM had 1981 as the base period. |
| 1986 | The responsibility for the SKEM was transferred to the Economic Census Division of the National Census and Statistics Office (National Statistics Office or NSO, now Philippine Statistics Authority). |
| 1988 | The SKEM was reassigned to the Manufacturing Division of the same agency.

Rebasing of the SKEM series to 1985 was completed during the year. |
| 1997 | Following the reorganization of the NSO, responsibility of the SKEM was again transferred to the newly created Economic Indices and Indicators Division (EIID).

Integration of the SKEM and Department of Trade and Industry's Monthly Industrial Survey (MIS) was finalized and the new survey was renamed as MISSI. The MISSI expanded to include additional information like inventory and capacity utilization. Rebasing of the MISSI series to 1994 also started. |
| 2001 | Responsibility of the MISSI was again transferred to the Manufacturing Section of the Industry Statistics Division.

MISSI data series with 1994 as the new base period was released during the year, in parallel with the 1985-based series. The 1994-based series had January 1998 as its earliest series.

A pre-test survey on the Current Survey of Production (CSP) was conducted as a part of the "Study on the Development of Industrial Statistics in the Philippines" by a joint work of JICA (Japan International Cooperation Agency) Study Team and the NSO. The CSP was a field trial of basic design of commodity-based and volume-based survey for the manufacturing industry, which was expected to further improve the existing MISSI. The CSP was later renamed MSP (Monthly Survey of Production). |
| 2002 | The 1985-based MISSI data series was discontinued beginning January.

The plan to improve the methodology in the calculation of the monthly industrial production indices, specially the volume of production index (VoPI) using the direct method, the NSO conducted the MSP, which aimed to collect commodity-based and volume-based data on production, sales and inventory. |

2005	Rebasing of the MISSI series to base year 2000 started.
2007	<p>MISSI data series with 2000 as the new base period was released in August, in parallel with the 1994-based series.</p> <p>New indicators in the 2000-based series were generated. These were Value of Net Sales Index (VaNSI) and Volume of Net Sales Index (VoNSI). In the 1994-based series, only year-on-year and month-on-month growth rates were generated from the Net Sales value and volume data.</p>
2009	The 1994-based MISSI data series was discontinued beginning January. Only the 2000-based series was published.
2011	Rebasing of the MISSI series to base year 2006 started. This is in accordance to NSCB Resolution No. 2, series of 2009 which approves the synchronized rebasing of the price indices to base year 2006.
2014	Rebasing of the MISSI series to base year 2006 halted. To cope with the demands for more accurate, reliable and credible statistics, rebasing of the MISSI series to 2012 instead of 2006 was suggested by the National Statistician of PSA.
2015	Introduction of the 2012 rebased series, through the recommendation of the international standard practices in the 2004 PPI manual. This includes the use of geometric average of short-term price relatives for calculating the elementary indexes (4-digit industry) and the Laspeyres method for higher aggregates (3/2/1 digit industry).

REBASING OF THE MISSI INDICES FROM 1994 TO 2000

1. FEATURES OF THE 2000-BASED MISSI SERIES

E.O. No. 352 lists the MISSI as one of the designated statistical activities being undertaken by the PSA. The basic features of the 2000-based MISSI indices are presented as follows:

1.1 Base Year

Base year values of the variables **Value of Production** and **Value of Net Sales** are 2000-based.

1.2 Industry Groupings

The industry groupings used in the 2000-based series follow the same groupings utilized in the 1994-based MISSI series including the new major sector of Rubber and plastic products, which consists of two sub-sectors, namely: *Rubber products* and *Plastic products*. *Rubber products* was previously a major sector while *Plastic products* was one of the sub-sectors of *Chemical products*.

With previously seven (7) sub-sectors, the major sector of Chemical products has now (6) sub-sectors, namely: *Basic chemicals and industrial gases*, *Fertilizers*, *Paints*, *Drugs and medicines*, *Cosmetics and toilet preparations*, and *Miscellaneous chemicals*.

The major sector of Machinery except electrical has been split into two sub-sectors, namely: *Machinery and equipment, n.e.c.* and *Office, accounting and computing machinery*. This revised industry disaggregation of the MISSI indices was adopted to conform to the 1994 PSIC groupings. Thus, there are a total of 20 major sectors, and ten (10) of these are presented by sub-sectors.

1.3 Industry Weights

Weights of major sectors and sub-sectors were obtained from the results of the 2000 Census of Philippine Business and Industry (reference year 1999). The corresponding weights of the above major sectors and sub-sectors have been recomputed to allow for the revised computation of the indices.

Thus, the VaPI, VoPI, VaNSI, VoNSI were computed based on the revised industry disaggregation.

1.4 Selection of Sample Establishments

Sample establishments for the 2000 rebased series were taken from the list of sample establishments covered in the 1994-based MISSI series. Additional sample establishments were included in later years.

1.5 2000-Based Indices

The indices generated include the following:

- Value of Production Index (VaPI)
- Volume of Production Index (VoPI)
- Value of Net Sales Index (VaNSI)
- Volume of Net Sales Index (VoNSI)

However, VoPI and VoNSI are derived indicators utilizing the Producer Price Index as deflator.

1.6 Methodology

Index computation utilized Laspeyres method where the weights are computed from the value of production of the 2000 Census of Philippine Business and industry (CPBI) for manufacturing establishments with average total employment of 20 and over.

1.7 Imputation Method

Imputation is applied for non-responding sample establishments. Non-response in the MISSI is mainly due to late reporting by sample establishments. In a few cases, imputation is also done for problem data that need verification from the sample establishments.

Data of non-responding samples were estimated using short term relative of responding samples within the industry class. Revisions to the preliminary estimates are done upon receipt of actual reports of late respondents. However, for the 2000-based MISSI series, there are very few cases of imputed data at the establishments level for the final figures as the average response rate is rather high, at more than 95 percent.

2. STEPS IN REBASING OF MISSI INDICES

The following outlines the procedures in the rebasing of the MISSI indicators:

2.1 Identification of Base Year

The rebased MISSI index series will have the year 2000 as the new base year. This means that base year values of the variables are 2000-based.

2.2 Determination of Indices for Rebasing

The indicators to be generated in the 2000-based MISSI series include the following:

- Value of Production Index (VaPI), year-on-year and month-on-month growth rates.
- Value of Net Sales Index (VaNSI), year-on-year and month-on-month growth rates.
- Producer Price Index (*refer to the succeeding section*).

Derived Indicators:

- Volume of Production Index (VoPI), year-on-year and month-on-month growth rates.
- Volume of Net Sales Index (VoNSI), year-on-year and month-on-month growth rates.

2.3 Determination of Sectors and Sub-sectors

The sectors covered in the MISSI and PPI for the 2000-based series follow the same industry groupings utilized in the 1994-based MISSI, that is, there are 20 major sector groups which are in conformance with the National Income Accounts groupings.

2.4 Determination of Weights

VaPI and VoPI

Three options were initially considered in the determination of weights for the 2000-based VaPI and VoPI, as follows: data from the 2000 Census of Philippine Business and Industry (CPBI - reference year 1999), data from the 2002 Annual Survey of Philippine Business and Industry (ASPBI -reference year 2001), and the average of the 2000 CPBI and 2002 ASPBI data.

1	2000 CPBI	Weights can be derived for the major sectors and sub-sectors as the 2000 CPBI data are available at the 3- and 4-digit PSIC. Weights at the 3-digit industry were derived from Value of Production while those for the 4-digit industry were from Revenue data. The differences in the sources of the weight data at the 3-digit and 4-digit PSIC can be explained by the sampling design adopted in the 2000 CPBI.
2	2002 ASPBI	Weights can be derived for the major sectors only as the survey data are available at the 3-digit PSIC. Weights cannot be derived for the 4-digit PSIC as the sampling design of the survey does not allow the generation of data at the 4-digit industry group.

3	Average of 2000 CPBI and 2002 ASPBI	Weights can be derived for the major sectors by computing the average of the 2000 CPBI and 2001 ASPBI data on Value of Production to obtain the estimates for 2000. A comparison of the weights between these two-year data shows that there are only slight differences for some industries, so the average was computed. However, weights for the 4-digit PSIC cannot be derived due to unavailability of data at this level from the 2002 ASPBI.
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The final choice was to utilize weights for the major sectors and sub-sectors from the 2000 CPBI (Option 1 above). Data on **Value of Production** for manufacturing establishments with Average Total Employment (ATE) of 20 and over from the 2000 CPBI data (reference year 1999) were used in deriving the weights for the major sectors (3-digit PSIC). On the other hand, data on **Total Revenue** for manufacturing establishments with ATE 20 and over were used in deriving weights for the sub-sectors (4-digit PSIC). Since it is assumed that the structure of industries do not change very much over a short period of time, the 2000 CPBI data was used for the derivation of the weights for the 2000 based indices.

Value of Production is derived by adjusting the *value of products sold* for changes in *inventories of finished products* and *work-in-process* (ending less beginning). This indicator differs from *Value of Output* as other revenue items like *industrial services* and *fixed assets produced on own account* are not considered.

VaNSI and VoNSI

Weights for these indices for the major sectors (3-digit PSIC) were taken from the 2000 CPBI data on *value of products sold* for manufacturing establishments with ATE 20 and over. *Value of products sold* is one of the components of *Total Revenue*. On the other hand, data on *Total Revenue* for manufacturing establishments with ATE 20 and over were used in deriving weights for the sub-sectors (4-digit PSIC).

Refer to Appendix 1 for list of major sectors and sub-sectors and their corresponding weights for VaPI, VoPI and VaNSI and VoNSI, respectively.

2.5 Selection of Sample Establishments

Sample establishments for the 2000-based series were taken from the list of sample establishments of the 1994-based MISSI series. This was done to maintain consistency in the composition of samples for the two base periods.

The criteria for the selection of samples are as follows:

- ✧ Generally, all sample establishments in the 1994-based series that were in operation in 2000 until the present and were good respondents were selected as samples.
- ✧ Sample establishments which have reports (with actual data) for all or most months of 2000 and 2001 were taken as samples, regardless of whether these samples ceased operation after 2001.
- ✧ New sample establishments which were included in the 1994-based series starting 2001 (or later) to the present were also taken as samples, provided these have reports for at least two consecutive years.

New sample establishments are those that were included as new samples during the particular year, regardless of the year these establishments first started operation.

Excluded as samples in the 2000-based series are the following:

- Sample establishments, which have actual reports for only one year.
- Sample establishments, which have closed, ceased operation, on strike, and cannot be located.

Below is the distribution of the number of sample establishments for the 2000-based years.

Number of Sample Establishments by Year

	2010	2011	2012	2013	2014	2015
2000-Based Series	586	605	701	790	775	863

Refer to Appendix 2 for the distribution of number of sample establishments by major sector and sub-sector for the years from 2010 to 2015.

2.6 Computation of Base Year Values

Variables for the determination of average base year values are **Value of Production** and **Value of Net Sales**. **Average base year values** of these variables for the year 2000 were computed for each of the sample establishments by aggregating all the monthly values of these variables and divided by 12.

The 2000 monthly base year values consist of the actual data reported by the sample establishments and were used in the 1994-based series. Data of late reports received after the final release of the 1994-based series were also used in the computation of the 2000 average base year values.

2.7 Methodology for Index Computation

The monthly indices on production and sales are presented by selected industry groups following the 3-digit (sectoral) and 4-digit (sub-sectoral) groupings of the 1994 PSIC.

Of the 20 major sectors in the MISSI, ten (10) industry sectors, namely, **food, textiles, wood and wood products, petroleum products, chemical products, rubber and plastic products, non-metallic mineral products, basic metals, machinery except electrical**, and **electrical machinery** have corresponding sub-sectors while the rest have none.

The procedures used in the computation of the indices are as follows:

2.7.1 Value of Production Index (VaPI)

Sub-industry Level (3/4-digit PSIC)

Where: $VaPI_{ijm}$ = VaPI for the i^{th} sub-industry of the j^{th} major industry for the current month m

$$VaPI_{ijm} = \frac{V_{ijm}}{V_{ijo}} \times 100$$

V_{ijm} = total value for current month m for all sample establishments in the i^{th} sub-industry of the j^{th} major industry

V_{ijo} = average monthly value in base year (o) for all sample establishments in the i^{th} sub-industry of the j^{th} major industry

The formula above was modified to a chained index formula to allow for changes in the composition of the sample establishments under each sub-sector, as follows:

where: $VaPI_{ij(m-1)}$ = VaPI for the i^{th} sub-industry of the j^{th} major industry for the previous month (m-1)

$$VaPI_{ijm} = \frac{V_{ijm}}{V_{ij(m-1)}} \times VaPI_{ij(m-1)}$$

$V_{ij(m-1)}$ = total value for previous month (m-1) for all sample establishments in the i^{th} sub-industry of the j^{th} major industry

Industry group level with no corresponding industry class (2/3-digit PSIC)

Where:

$VaPI_{jm}$ = VaPI for the j^{th} major industry for the current month m

V_{jm} = total value for the current month m for all sample establishments in the j^{th} major industry

V_{jo} = average monthly value in base year (o) for all sample establishments in the j^{th} major industry

$$VaPI_{jm} = \frac{V_{jm}}{V_{jo}} \times 100$$

The formula was modified to a chained index formula to allow for changes in the composition of the sample establishments under each industry class, as follows:

Where:

$V_{j(m-1)}$ = total value for the previous month (m-1) for all sample establishments in the j^{th} major industry

$VaPI_{j(m-1)}$ = VaPI for the previous month (m-1) of the j^{th} major industry

$$VaPI_{jm} = \frac{V_{jm}}{V_{j(m-1)}} \times VaPI_{j(m-1)}$$

Industry group level with corresponding industry class (2/3-digit PSIC)

The major industries are:

- | | |
|--------------------------------------|---------------------------------|
| 1. Food manufacturing | 6. Rubber and plastics products |
| 2. Textiles | 7. Non-metallic products |
| 3. Wood and wood products | 8. Basic metals |
| 4. Petroleum and other fuel products | 9. Machinery except electrical |
| 5. Chemical and chemical products | 10. Electrical machinery |

$$VaPI_{jm} = \sum_{i=1}^n (VaPI_{ijm} \times W_{ij})$$

Where:

$VaPI_{jm}$ = VaPI for the j^{th} major industry for the current month m

W_{ij} = weight for the i^{th} sub-industry of the j^{th} major industry

$i = 1,2,3,\dots,n =$ number of sub-industry in the j^{th} major industry

Total Manufacturing (1-digit PSIC)

$$VaPI_m = \sum_{j=1}^{22} (VaPI_{jm} \times W_j)$$

Where:

$VaPI_m$ = VaPI for total manufacturing at current month m

W_j = weight of the j^{th} major industry

$j = 1,2,3,\dots,22 =$ number of major industries

2.7.2 Volume of Production Index (VoPI)

Industry class level (3/4-digit PSIC)

$$VoPI_{ijm} = \frac{VaPI_{ijm}}{PPI_{ijm}} \times 100$$

Where:

$VoPI_{ijm}$ = VoPI for current month m for the i^{th} industry class of the j^{th} industry group

$VaPI_{ijm}$ = VaPI for the i^{th} industry class of the industry group of the current month m

PPI_{ijm} = PPI for the i^{th} industry class of the industry group of the current month m

Industry group level with no corresponding industry class (2/3-digit PSIC)

$$VoPI_{jm} = \frac{VaPI_{jm}}{PPI_{jm}} \times 100$$

$$VoPI_{jm} = \sum_{i=1}^n VoPI_{ijm} \times W_{ij}$$

Where:

$VoPI_{jm}$ = VoPI at current month m for the j^{th} industry group

$VaPI_{jm}$ = VaPI at current month m for the j^{th} industry group

PPI_{jm} = PPI at the j^{th} industry group for

W_{ij} = weight for the i^{th} industry class of the j^{th} industry group

i = 1,2,3,... n = number of industry class in the j^{th} industry group

Total Manufacturing (1-digit PSIC)

$$VoPI_m = \frac{VaPI_m}{PPI_m} \times 100$$

Where:

$VoPI_m$ = VoPI for total manufacturing at current month m

$VaPI_m$ = VaPI for total manufacturing at current month m

PPI_m = PPI for total manufacturing at the current month m

$$VoPI_{km} = \sum_{j=1}^q VoPI_{jm} \times W_j$$

$VoPI_{km}$ = VoPI for total manufacturing at current month m

W_j = weight for the j^{th} industry group

j = 1,2,3,... q = number of j^{th} industry group

2.7.3 Value of Net Sales (VaNSI)

Industry class level (3/4-digit PSIC)

Where: $VaNSI_{ijm} = VaNSI$ for the i^{th} industry class of the j^{th} industry group for the current month m

$$VaNSI_{ijm} = \frac{V_{ijm}}{V_{ijo}} \times 100$$

V_{ijm} = total value for current month m for all sample establishments in the i^{th} industry class of the j^{th} industry group

V_{ijo} = total average monthly value in base year (0) for all sample establishments in the i^{th} industry class of the j^{th} industry group

The formula above was modified to a chained index formula to allow for changes in the composition of the sample establishments under each industry class, as follows:

where: $VaNSI_{ij(m-1)}$ = $VaNSI$ for the i^{th} industry class of the j^{th} industry group for the previous month (m-1)

$$VaNSI_{ijm} = \frac{V_{ijm}}{V_{ij(m-1)}} \times VaNSI_{ij(m-1)}$$

$V_{ij(m-1)}$ = total value for previous month (m-1) for all sample establishments in the i^{th} industry class of the j^{th} industry group

Industry group level with no corresponding industry class (2/3-digit PSIC)

Where:

$$VaNSI_{jm} = \frac{V_{jm}}{V_{jo}} \times 100$$

$VaNSI_{jm}$ = $VaNSI$ for the j^{th} industry group for the current month m

V_{jm} = total value for the current month m for all sample establishments in the j^{th} industry group

V_{jo} = total average monthly value in base year 0 for all sample establishments in the j^{th} industry group

The formula was modified to a chained index formula to allow for changes in the composition of the sample establishments under each sub-sector, as follows:

Where:

$$VaNSI_{jm} = \frac{V_{jm}}{V_{j(m-1)}} \times VaNSI_{j(m-1)}$$

$V_{j(m-1)}$ = total value for the previous month (m-1) for all sample establishments in the j^{th} industry group

$VaNSI_{j(m-1)}$ = $VaNSI$ for the previous month (m-1) of the j^{th} industry group

Industry group level with corresponding industry class (2/3-digit PSIC)

The major industries are:

- | | |
|--------------------------------------|---------------------------------|
| 1. Food manufacturing | 6. Rubber and plastics products |
| 2. Textiles | 7. Non-metallic products |
| 3. Wood and wood products | 8. Basic metals |
| 4. Petroleum and other fuel products | 9. Machinery except electrical |
| 5. Chemical and chemical products | 10. Electrical machinery |

$$VaNSI_{jm} = \sum_{i=1}^n (VaNSI_{ijm} \times W_{ij})$$

Where:

$VaNSI_{jm}$ = $VaNSI$ for the j^{th} industry group for the current month m

W_{ij} = weight for the i^{th} industry class of the j^{th} industry group

i = 1,2,3,...n = number of industry class in the j^{th} industry group

Total Manufacturing (1-digit PSIC)

$$VaNSI_{km} = \sum_{j=1}^q (VaNSI_{jm} \times W_j)$$

Where:

$VaNSI_{km}$ = VaNSI for total manufacturing at current month m

W_j = weight for the j^{th} industry group

j = 1,2,3,... q = number of j^{th} industry group

2.7.4 Volume of Net Sales Index (VoNSI)

Industry class level (3/4-digit PSIC)

$$VoNSI_{ijm} = \frac{VaNSI_{ijm}}{PPI_{ijm}} \times 100$$

Where:

$VaNSI_{ijm}$ = VaNSI for current month m for the i^{th} industry class of the j^{th} industry group

$VaNSI_{ijm}$ = VaNSI for the i^{th} industry class of the current month m of the j^{th} industry group

PPI_{ijm} = PPI for the i^{th} industry class of the current month m of the j^{th} industry group

Industry group level with no corresponding sub-industries (2/3-digit PSIC)

$$VoNSI_{jm} = \frac{VaNSI_{jm}}{PPI_{jm}} \times 100$$

Where:

$VaNSI_{jm}$ = VaNSI at current month m for the j^{th} industry group

$VaNSI_{jm}$ = VaNSI at current month m for the j^{th} industry group

PPI_{jm} = PPI at the j^{th} industry group for the current month m

$$VoNSI_{jm} = \sum_{i=1}^n VoNSI_{ijm} \times W_i$$

W_i = weight for the i^{th} industry class of the j^{th} industry group

i = 1,2,3,... n = number of industry class of the j^{th} industry group

Total Manufacturing (1-digit PSIC)

Where:

$$VoNSI_m = \frac{VaNSI_m}{PPI_m} \times 100$$

$VoPI_m = VoPI$ for total manufacturing at current month m

$VaPI_m = VaPI$ for total manufacturing at current month m

$PPI_m = PPI$ for total manufacturing at the current month m

$$VoNSI_{km} = \sum_{j=1}^q VoNSI_{jm} \times W_j$$

$VoNSI_{km} = VoNSI$ for total manufacturing at current month m

$W_j =$ weight for the j^{th} industry group

$j = 1, 2, 3, \dots, q =$ number of j^{th} industry group

3.7 Capacity Utilization Rate

Capacity Utilization Rate is the ratio of total output to the maximum rated capacity of the establishment. Rated Capacity refers to the largest volume of output possible at which the factory can operate with an acceptable degree of efficiency taking into consideration unavoidable losses of productive time (i.e. vacation, holiday and repair of equipment) and availability of raw materials.

The monthly Average Capacity Utilization Rate ($AveCU_m$) for total manufacturing (1-digitPSIC) is calculated by adding the products of the monthly average capacity utilization rate of the 22 major industries (2/3-digit PSIC) and their corresponding base year period weight.

There are two different computations of the average capacity utilization rate for major industries ($AveCU_{jm}$); one is for major industries with sub-industries and the other, for major industries without sub-industries.

The average capacity utilization rate for major industries with sub-industries is computed by getting the sum of the products of the monthly average capacity utilization rates and base year period weights of their sub-industries.

The average capacity utilization rate for sub-industries ($AveCU_{ijm}$) is equal to the total of the product of the midpoint of the capacity utilization range ($AveCU_{kijm}$) reported by sample establishments in the sub-industry and the ratio of their corresponding production value to the total production value of the sub-industry.

The calculation of the average capacity utilization rate for major industries without sub-industries is the same as that of the average capacity utilization rate for sub-industries.

The formulas in obtaining the Average Capacity Utilization Rate are the following:

Industry Class Level (3/4-digit PSIC)

$$AveCU_{ifm} = \sum_{k=1}^n \left[\left(\frac{Prod_{kifm}}{\sum_{k=1}^n Prod_{kifm}} \right) \times AveCU_{kifm} \right]$$

where:

$AveCU_{ifm}$ = Average capacity utilization rate for the reference month of the i^{th} sub-industry in the j^{th} major industry

$Prod_{kifm}$ = Production value during the reference month of the k^{th} sample establishment in the i^{th} sub-industry of the j^{th} major industry

$AveCU_{kifm}$ = Midpoint of the capacity utilization range reported during the reference month by the k^{th} sample establishment in the i^{th} sub-industry of the j^{th} major industry

$k = 1, 2, 3, \dots, n$ = number of sample establishments in the i^{th} sub-industry of the j^{th} major industry

Industry Group Level (2/3-digit PSIC)

- Industry group without Industry Class

$$AveCU_{fjm} = \sum_{k=1}^n \left[\left(\frac{Prod_{kifm}}{\sum_{k=1}^n Prod_{kifm}} \right) \times AveCU_{kifm} \right]$$

where:

$AveCU_{fjm}$ = Average capacity utilization rate for the reference month of the j^{th} major industry

$Prod_{kifm}$ = Production value during the reference month of the k^{th} sample establishment in the j^{th} major industry

$AveCU_{kifm}$ = Midpoint of the capacity utilization range reported during the reference month by the k^{th} sample establishment in the j^{th} major industry

$k = 1, 2, 3, \dots, n$ = number of sample establishments in the j^{th} major industry

- **Industry group with Industry Class**

$$AveCU_{jm} = \sum_{i=1}^n (AveCU_{ijm} \times W_{ij})$$

where:

$AveCU_{jm}$ = Average capacity utilization rate for the reference month of the j^{th} major industry

$AveCU_{ijm}$ = Average capacity utilization rate for the reference month of the i^{th} sub-industry in the j^{th} major industry

W_{ij} = Weight of the i^{th} sub-industry in the j^{th} major industry

$i = 1, 2, 3, \dots, n$ = number of sub-industries in the j^{th} major industry

Total Manufacturing (1-digit PSIC)

$$AveCU_m = \sum_{j=1}^{22} (AveCU_{jm} \times W_j)$$

where:

$AveCU_m$ = Average capacity utilization rate for the reference month of the total manufacturing

$AveCU_{jm}$ = Average capacity utilization rate for the reference month of the j^{th} major industry

W_j = Weight of the j^{th} major industry

$j = 1, 2, 3, \dots, 22$ = number of the major industries

PRODUCER PRICE SURVEY

INTRODUCTION

The Philippine Statistics Authority (PSA) generates the monthly Producer Price Index (PPI) for manufacturing ahead of the indicators generated from the MISSI such as the Value of Production Index (VaPI), Volume of Production Index (VoPI), capacity utilization rate, among others, to better measure the performance of the industry.

HISTORICAL BACKGROUND

PPI Timeline is presented below:

- | | |
|-----------|--|
| 1980 | <p>Studies on the generation of the Producer Price Index (PPI) started when the Index of Physical Volume of Production series being generated by the then Central Bank of the Philippines (now the Bangko Sentral ng Pilipinas) was discontinued. This came about because of the transfer of responsibility of operations and processing of the Monthly Survey of Establishments (MSE) for manufacturing from the Central Bank to the National Census and Statistics Office (National Statistics Office, then).</p> <p>Work on the original PPI started with 1978 as the base year and was later revised to 1985. The source of data for the PPI was then the Monthly Survey of Establishments (MSE) for Manufacturing. The MSE has a rider questionnaire, which asked for data on production of major products of the sample establishments. However, the PPI series were never released as official statistics. It was later felt that the components of the PPI were no longer reflective of the prevailing production structure of the manufacturing sector that the PPI operations were halted.</p> |
| 1992-1993 | <p>The compilation of the PPI with 1992 as the base year was revived in a project "<i>Improvement of the Producer Price Index of Selected Manufactured Products</i>" through the Grants-in-aid Program of the National Statistical Coordination Board (NSCB).</p> <p>The NSO with guidance from the Technical Committee on Price Statistics of NSCB worked for further improvements to the PPI to make it more reflective of the actual situation of the manufacturing sector. The conduct of the Producer Price Survey started as the source of the data for the PPI.</p> <p>Starting with this new base year, the PPI was officially released simultaneous with the SKEM indicators. (The SKEM was later renamed to MISSI.).</p> |
| 2001 | <p>The NSO released the rebased series of PPI with 1994 as the new base year. The 1992-based series continued on until December 2001 and was discontinued the year after. The 1994-based series had January 1998 as its earliest series.</p> |
| 2005 | <p>Work on the rebasing of the PPI to base year 2000 started.</p> |
| 2007 | <p>PPI data series with 2000 as the new base period was released in August, in parallel with the 1994-based series. The 2000-based series had January 2001 as its earliest series.</p> |

2009	The 1994-based PPI data series was discontinued beginning January.
2014	Rebasing of the MISSI series to base year 2006 halted. To cope with the demands for more accurate, reliable and credible statistics, rebasing of the MISSI series to 2012 instead of 2006 was suggested by the National Statistician of PSA.
2015	The introduction of the 2012 rebased series, through the recommendation of the international standard practices in the 2004 PPI manual. This includes the use of geometric averages of short-term price relatives for calculating industry index and the Laspeyres aggregation method for calculating the major group of manufacturing.
2016	Work on the rebasing of the PPI to base year 2012 started.

REBASING OF THE PPI DATA SERIES FROM 1994 TO 2000

1. FEATURES OF THE 2000-BASED PPI

1.1 Base Year

The new PPI series will have the year 2000 as the new base year. This means that base year values of the producer prices of commodities are for the year 2000.

1.2 Industry Groupings

The industry groupings in the 2000-based PPI follow the groupings used in the 2000-based MISSI.

1.3 Industry Weights

Since the PPI is a Paasche type index, ideally, it should use current year weights instead of base year weights. Due to the time lag in the availability of data that will serve as current year weights, data on **Value of Production** from the latest available annual survey or census of manufactures were used to derive the weights for the PPI. **Value of Production** is derived by adjusting the *value of products sold* for changes in *inventories of finished products and work-in-process* (ending less beginning).

The weight of an industry group is equivalent to the proportion of the industry **Value of Production** contribution to the next higher level industry group where it belongs. Thus, the weight (w_i) of a sub-sector (i) is computed as follows:

$$W_i = \frac{V_i}{V_j}$$

where: w_i = weight of i^{th} industry class
 V_i = Value of Production of i^{th} industry class of j^{th} industry group
 V_j = Value of Production of j^{th} industry group.

The 2000-based PPI utilized the following weights in the yearly series, as follows:

Year 2015: weights were obtained from 2012 CPBI
2014: weights were obtained from 2010 ASPBI
2013: weights were obtained from 2010 ASPBI
2012: weights were obtained from 2009 ASPBI
2011: weights were obtained from 2006 CPBI
2010: weights were obtained from 2006 CPBI

Refer to Appendix 3 for list of major industry groups and industry classes and their corresponding weights by year.

1.4 Selection of Commodities and Sample Establishments

Sample commodities included in the 2000-based PPI baskets were taken from the list of sample commodities of the 1994-based series. This was done to maintain consistency in the composition of the sample commodities for the two base periods. Additional sample commodities were, however, included in selected industries such as in *cement, fabricated metals, leather products, microcircuits, and petroleum products*.

The list of commodities in the 1994-based series were updated to include the following sample commodities for the 2000-based series:

- ⤴ Generally, all sample commodities in the 1994-based series with reported data for all or most months in 2000 to the present were selected as samples.
- ⤴ Commodities in the 1994-based series with reported data (from sample establishments) for all or most months of 2000 and 2001 were also taken as samples, regardless of whether these commodities ceased to be produced after 2001.
- ⤴ New sample commodities in the 1994-based series that were included starting 2001 (or later) were also taken as samples, provided these commodities have reported data for at least two consecutive years. **New sample commodities** are those that were included as new commodities in the PPI basket during the particular year, regardless of the year these commodities were first introduced in the market.

Sample commodities which were excluded are the following:

- Sample commodities with reported data for only one year.
- Sample commodities which were produced by establishments and thereafter have closed, ceased operation, on strike, and cannot be located.

Below is the distribution of the number of sample commodities and sample establishments for the 2000-based year.

**Number of Sample Establishments and Commodities by Year
(2000=100)**

	2010	2011	2012	2013	2014	2015
Sample Establishments	321	318	330	351	358	728
Sample Commodities	617	617	640	731	739	1,898

Refer to Appendices 4 and 5 for the distribution of sample commodities and sample establishments by major industry group and industry class, respectively.

1.5 Data Source

Producer prices of commodities for the PPI are obtained from the Producer Price Survey (PPS) conducted monthly by the PSA. The respondents for the survey are selected manufacturing establishments that produced the selected commodities included in the basket. Period of data collection starts on the 15th day of the reference month and ends on the 30th day of the month after the reference month.

The PPS uses a shuttle type questionnaire that is distributed by the PSA field staff at the beginning of the year to all the sample respondents. This type of questionnaire provides the respondents, as well as PSA staff, with a running account of the previous month's data for one year.

1.6 Imputation Method

Imputation is utilized for non-responding sample establishments. In many cases, non-response is due to late reporting by the respondents. Starting 2013 PPI missing prices for products of sample establishments are estimated using the geometric mean of the actual prices of responding samples within the same industry class. Although prior 2013, the imputation is based on the latest available monthly producer price data provided by the respondent, that is, with no trend adjustment with the assumption that prices of commodities do not change very much over a period of time, except for volatile products such as petroleum products. For the 2000-based PPI, there are only minimal cases of imputed values as the PPS had rather high response rate, at 95 percent as of the final release date of the PPI.

1.7 Computation of Base Year Producer Price

Average base year producer price is computed for each of the sample commodities by aggregating all the monthly producer prices for 2000, and divided by 12.

$$P_{0h} = \frac{\sum_{m=1}^{12} P_{mh}}{12}$$

where:

P_{0h} = average base year (0) producer price of commodity h

P_{mh} = producer price of commodity h for month m of the base year

$m = 1,2,3,\dots,12$ $m = \text{months}$

$h = 1,2,3,\dots,n$ $h = \text{commodities}$

The 2000 monthly producer prices of commodities consist of the actual price data reported by the sample establishment, as well as the imputed data for the non-responses, which were used in index computation in the 1994-based PPI series. If the actual price data for the imputed data are already available (that is, these were received later after the release of the final data of the 1994-based PPI), these were used in the computation of the 2000-based year PPI. Most, if not all, of the base year values in the 2000-based PPI are actual data of producer prices of commodities that were reported by the sample respondents.

1.8 Methodology in the Computation of the PPI

The computation of the 2000-based PPI adopts the Paasche method of index computation.

Paasche index compares the value of purchasing the current basket of goods and services with the value of purchasing the same basket in an earlier period. The prices are weighted by the quantities of the current period.

The industry class level (4-digit PSIC)

The PPI at the 4-digit PSIC is simply the unweighted arithmetic mean of the price relatives of the commodities representing the industry class and multiplied by 100.

where:

PPI_{ijm}^{th} = current month PPI at the i^{th} sub-industry of the j^{th} major industry

$$PPI_{ijm} = \frac{N}{\sum_{h=1}^N \left(\frac{p_{hm}}{p_{ho}} \right)} \times 100$$

$\frac{N}{\sum_{h=1}^N \left(\frac{p_{hm}}{p_{ho}} \right)}$ = harmonic mean of price relative of commodities h

p_{hm} = current month producer price of commodity h

p_{ho} = average monthly producer price at base year (o) of commodity h

N = total number of representative commodities at i^{th} sub-industry,

$h = 1, 2, 3, \dots, N$

The formula for PPI_{ij} at the 4-digit PSIC was modified to a chained index formula, that is, the average monthly price relative of the commodities in the industry class is multiplied by the previous month PPI at the 4-digit PSIC to obtain the current month PPI. That is,

where:

PPI_{ijm}^{th} = current month PPI at the i^{th} sub-industry

$PPI_{ij(m-1)}^{th}$ = previous month PPI at the j^{th} sub-industry

$$PPI_{ijm} = PPI_{ij(m-1)} \times \frac{N}{\sum_{h=1}^N \left(\frac{p_{hm}}{p_{h(m-1)}} \right)}$$

$\frac{N}{\sum_{h=1}^N \left(\frac{p_{hm}}{p_{h(m-1)}} \right)}$ = using harmonic mean of price relative of commodities in the i^{th} sub-industry of the j^{th} major industry

p_{hm} = current month producer price of commodity h

$p_{h(m-1)}$ = previous month producer price of commodity h

The chained index method is especially useful when new commodities enter into market basket as replacements or additions. The base year prices of these commodities need not be obtained as the alternative then is to make available the previous month producer prices of the new commodities to allow the computation of their corresponding price relatives, p_{hm} / p_{hm-1} .

The major industry group and division levels (3-digit and 1-digit PSIC)

The Producer Price Index for manufacturing at the 3-digit and 1-digit PSIC is obtained as the weighted harmonic mean of the component price indices.

$$PPI_{jm} = \frac{1}{\sum_{i=1}^p \left(W_{ijm} \times \frac{1}{PPI_{ijm}} \right)}$$

where:

PPI_{jm} = PPI at the j^{th} major industry group in month m

W_{ijm} = weight of the i^{th} industry class of the j^{th} industry group in month m

PPI_{ijm} = PPI of the i^{th} industry class of the j^{th} industry group

Total Manufacturing (1-digit PSIC)

$$PPI_m = \frac{1}{\sum_{j=1}^{20} \left(W_{jm} \times \frac{1}{PPI_{jm}} \right)}$$

where:

PPI_m = PPI for manufacturing

W_{jm} = weight of the j^{th} major industry group

PPI_{jm} = PPI at the j^{th} major industry group

$j = 1, 2, 3, \dots, 20 =$ number of major industry

PART III
STATISTICAL TABLES
(2000=100)

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Total manufacturing		Food manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	176.9	-4.3	224.6	-13.8
January	155.8	-1.6	217.3	-14.1
February	151.2	-7.4	212.2	-18.7
March	173.0	8.7	248.5	-7.1
April	163.1	-6.2	218.4	-13.5
May	172.5	-7.8	220.0	-17.3
June	173.9	-7.6	215.3	-16.2
July	173.9	-6.3	197.1	-19.7
August	175.0	-5.5	202.6	-14.8
September	186.8	-5.1	212.8	-18.3
October	197.4	-6.1	247.0	-14.9
November	201.0	-2.0	250.9	-10.0
December	199.7	-2.6	253.4	-0.6
2014	184.8	6.3	260.5	5.2
January	158.3	3.3	253.1	1.3
February	163.3	5.1	261.1	3.7
March	159.2	<u>1/</u>	267.4	5.0
April	173.9	10.9	252.6	3.4
May	187.1	11.4	266.0	11.8
June	188.2	10.1	257.0	13.8
July	185.6	6.0	245.5	5.7
August	185.2	4.5	237.9	-0.8
September	196.9	5.5	260.4	4.8
October	210.2	8.0	290.3	11.5
November	205.1	6.9	278.9	3.7
December	205.0	3.2	255.0	-1.0

1 - Less than 0.1 percent increase

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Processed meat and fish a/		Processed fruits and vegetables a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	153.5	-6.0	367.6	20.2
January	133.0	-10.0	382.4	87.1
February	149.7	5.1	318.2	43.5
March	153.0	-6.6	358.8	42.0
April	150.8	-6.3	371.9	55.1
May	155.4	-11.0	371.5	20.8
June	159.9	-3.1	348.8	-0.3
July	160.6	-11.1	366.5	13.8
August	147.7	-11.9	354.1	13.3
September	164.7	7.5	370.7	-18.6
October	156.7	-8.4	392.0	-14.5
November	157.4	-10.3	406.2	40.6
December	153.1	-2.2	370.4	45.1
2014	163.2	5.1	305.7	10.6
January	147.7	17.8	204.4	2.7
February	142.5	9.1	221.8	12.8
March	163.8	17.8	252.8	33.2
April	161.0	3.0	239.8	13.7
May	174.5	8.7	307.5	6.3
June	164.9	9.2	349.8	37.9
July	180.7	14.5	322.0	7.1
August	167.6	1.7	312.6	-17.1
September	153.3	-6.2	455.4	9.7
October	171.1	1.8	458.5	51.3
November	175.4	2.5	289.0	-0.5
December	156.5	-11.1	255.4	-12.8

a - Subsector of Food manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Vegetable/animal oils and fats a/		Dairy products a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	61.1	-25.3	350.0	-10.7
January	76.2	7.0	320.4	-7.2
February	62.9	-26.6	330.6	-14.8
March	67.2	-17.3	407.8	-9.5
April	52.1	-41.8	317.5	-13.1
May	63.9	-25.0	367.2	-6.5
June	60.5	-36.3	348.7	-12.2
July	54.1	-33.5	369.9	-3.4
August	63.0	-15.8	371.8	-5.1
September	64.0	-23.8	363.0	-3.6
October	68.5	-31.6	373.5	-9.9
November	53.7	-20.5	316.0	-21.7
December	47.2	-27.8	313.8	-20.6
2014	81.8	21.1	391.9	9.9
January	71.2	5.8	345.2	14.3
February	85.7	6.8	387.9	19.5
March	81.2	19.8	450.8	33.4
April	89.6	26.1	365.2	-4.9
May	85.2	26.5	392.8	8.8
June	95.0	112.5	397.1	13.8
July	81.3	21.9	382.8	2.2
August	74.8	9.2	391.6	16.8
September	84.0	50.0	376.5	9.1
October	100.1	55.8	414.7	2.8
November	67.6	-10.8	403.4	-3.3
December	65.3	-18.8	395.3	13.9

a - Subsector of Food manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Rice, corn and flour milling a/		Animal feeds a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	191.6	-2.9	291.9	16.0
January	196.6	-13.1	286.3	113.4
February	186.6	2.8	260.8	25.0
March	209.3	14.6	297.4	26.4
April	188.2	8.7	264.5	13.1
May	191.3	-1.3	292.5	22.6
June	191.3	7.3	313.5	32.4
July	200.6	4.5	327.8	28.0
August	183.1	-11.8	309.0	23.2
September	181.8	-12.4	301.6	20.8
October	201.5	-4.4	300.9	0.2
November	189.9	-8.2	271.1	-32.5
December	179.2	-13.4	277.8	1.7
2014	197.3	-17.5	251.6	9.3
January	226.2	1.4	134.1	-44.2
February	181.6	-22.7	208.7	7.4
March	182.6	-22.1	235.4	6.7
April	173.2	-26.1	234.0	4.4
May	193.8	-22.9	238.7	11.3
June	178.3	-24.3	236.7	6.6
July	192.0	-21.6	256.1	11.0
August	207.6	-15.9	250.9	5.0
September	207.5	-12.2	249.6	-0.3
October	210.8	-14.6	300.2	18.9
November	206.9	-14.7	401.9	64.9
December	206.9	-12.9	273.2	18.5

a - Subsector of Food manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Bakery products a/		Sugar a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	346.9	-15.4	355.9	30.6
January	354.3	-14.2	320.1	-30.5
February	309.0	-25.4	351.8	-26.2
March	351.6	-16.9	463.8	26.5
April	295.4	-24.7	404.4	16.6
May	442.6	1.1	208.2	-31.8
June	338.4	-15.0	258.1	19.2
July	342.9	-17.4	26.6	-70.1
August	340.4	-18.8	141.1	93.0
September	355.0	-11.8	212.0	29.8
October	340.2	-18.0	503.8	101.7
November	353.7	-14.7	634.7	136.4
December	338.7	-10.3	746.3	194.4
2014	410.2	1.9	272.5	6.0
January	412.8	9.5	460.8	32.3
February	414.2	10.1	476.6	34.3
March	423.1	15.4	366.7	-1.9
April	392.2	-3.0	346.8	5.2
May	437.8	11.9	305.2	43.0
June	397.9	-1.5	216.6	38.1
July	415.1	-0.3	88.9	-13.5
August	418.9	2.2	73.1	-30.5
September	402.6	-2.0	163.3	-4.9
October	415.1	0.4	249.7	-10.2
November	414.7	-4.1	268.5	-18.3
December	377.6	-11.4	253.5	-21.3

a - Subsector of Food manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Coconut products a/		Miscellaneous foods a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	528.0	2.8	104.3	-65.9
January	533.4	51.4	103.9	-65.5
February	496.3	8.8	105.2	-62.3
March	714.0	36.7	113.1	-59.5
April	575.6	16.3	98.2	-66.5
May	514.0	0.3	108.5	-63.7
June	566.9	5.7	107.0	-63.4
July	587.4	12.1	103.8	-66.0
August	510.9	-4.8	97.7	-65.4
September	465.0	-6.7	96.0	-68.8
October	437.1	-26.9	109.4	-67.9
November	463.0	-17.0	110.1	-69.6
December	471.8	-17.5	98.4	-69.9
2014	513.4	69.4	305.8	-1.6
January	352.3	54.5	301.4	-24.0
February	456.4	70.9	279.0	-26.6
March	522.1	99.3	279.5	-25.9
April	494.9	86.0	292.7	9.4
May	512.3	83.2	298.9	9.6
June	536.3	84.4	292.6	1.7
July	524.2	71.7	305.3	10.1
August	536.5	68.9	282.2	-5.1
September	498.6	42.5	308.1	6.2
October	598.1	68.7	341.0	15.2
November	557.6	61.2	362.1	21.7
December	571.9	54.2	327.1	13.5

a - Subsector of Food manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Beverages		Tobacco products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	234.8	3.3	13.6	32.0
January	222.8	21.7	9.4	31.0
February	235.7	15.8	10.0	57.0
March	254.8	13.0	7.5	39.4
April	223.6	0.7	11.1	47.8
May	241.4	1.5	12.4	24.0
June	237.2	2.3	13.4	13.2
July	212.7	-6.0	14.3	12.5
August	225.6	0.7	15.2	27.3
September	240.7	4.8	18.2	36.3
October	225.2	-16.6	20.2	131.3
November	235.8	-2.2	16.2	34.0
December	261.6	12.2	15.5	-6.7
2014	227.3	31.0	10.3	7.6
January	183.1	0.9	7.2	108.6
February	203.6	18.5	6.3	43.2
March	225.5	30.3	5.4	22.3
April	222.1	33.3	7.5	31.9
May	237.8	32.9	10.0	3.1
June	231.8	18.8	11.8	9.8
July	226.3	38.0	12.7	-0.4
August	224.0	36.6	11.9	-5.9
September	229.7	52.0	13.4	2.0
October	269.9	44.7	8.7	-30.2
November	241.0	47.3	12.1	-3.2
December	233.0	25.2	16.7	27.9

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Textiles		Textile products b/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	73.3	10.8	66.2	10.3
January	74.0	13.2	65.0	9.2
February	81.9	28.4	73.1	23.8
March	84.2	25.6	76.8	25.7
April	77.5	20.2	70.0	18.8
May	79.0	16.2	72.6	16.2
June	77.8	16.1	70.9	15.0
July	75.2	16.1	68.2	16.3
August	72.0	11.5	64.9	10.6
September	74.5	10.6	67.7	12.2
October	64.3	-5.9	57.3	-4.9
November	59.7	-12.4	53.5	-11.2
December	60.0	-8.8	54.5	-8.2
2014	66.2	15.0	60.0	18.2
January	65.3	33.1	59.5	38.5
February	63.8	33.6	59.0	48.6
March	67.0	46.4	61.1	60.4
April	64.5	10.7	58.9	15.2
May	68.0	20.1	62.5	24.2
June	67.0	17.4	61.7	22.0
July	64.7	-1.0	58.6	0.3
August	64.6	4.8	58.7	6.7
September	67.3	10.0	60.3	9.4
October	68.4	8.1	60.2	6.1
November	68.1	14.9	60.2	8.1
December	65.8	0.3	59.4	7.2

b/ - Subsector of Textiles

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Cordage, rope and twine b/		Footwear and wearing apparel	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	192.6	13.4	93.8	-7.0
January	224.2	38.0	73.5	-26.1
February	228.5	59.4	83.8	-21.3
March	208.5	25.5	93.5	-20.7
April	203.1	28.9	96.9	-2.6
May	185.5	16.2	89.7	-20.8
June	192.0	23.8	96.5	-3.7
July	192.0	15.2	105.8	15.3
August	190.5	16.5	86.6	-10.5
September	188.0	2.1	95.4	11.4
October	182.5	-10.9	99.1	3.2
November	163.2	-18.9	88.9	2.4
December	152.8	-12.0	115.3	-0.8
2014	169.9	-0.9	100.9	-16.7
January	162.5	7.3	99.4	-23.0
February	143.4	-21.0	106.5	-16.4
March	166.1	-4.9	118.0	-9.1
April	157.6	-10.8	99.5	-11.7
May	159.7	-1.4	113.2	-9.6
June	155.1	-6.0	100.2	-17.2
July	166.7	-8.0	91.8	-11.9
August	163.5	-5.5	96.8	-6.2
September	184.1	13.0	85.6	-16.4
October	204.8	18.8	96.0	-13.8
November	201.2	68.3	86.9	-29.8
December	173.6	-26.7	116.3	-28.4

b/ - Subsector of Textiles

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Leather products		Wood and wood products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	6.6	7.1	55.2	-29.1
January	5.7	-2.2	66.5	-20.9
February	6.1	3.3	65.3	-5.5
March	6.7	11.4	51.4	-25.2
April	6.2	13.6	53.7	-17.3
May	6.3	9.8	51.1	-36.4
June	6.9	11.6	52.3	-28.5
July	6.8	3.0	49.7	-40.1
August	6.5	-2.0	52.1	-30.6
September	6.7	-0.5	56.6	-31.2
October	7.3	4.2	54.7	-35.5
November	7.6	16.4	55.4	-43.9
December	7.1	19.1	53.4	-22.9
2014	6.2	15.0	77.8	9.9
January	5.9	19.3	84.2	51.8
February	5.9	13.0	69.1	24.0
March	6.0	0.3	68.7	-22.3
April	5.5	2.2	64.9	-2.9
May	5.7	0.8	80.3	25.3
June	6.2	45.4	73.2	1.7
July	6.6	51.8	82.9	18.3
August	6.6	53.9	75.1	-11.5
September	6.7	15.7	82.4	3.2
October	7.0	7.6	84.9	8.6
November	6.5	9.0	98.9	35.6
December	5.9	-8.5	69.3	13.0

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Planing and sawmill c/		Veneer and plywood c/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	74.1	-47.7	19.1	-22.9
January	108.7	-34.5	18.3	-30.7
February	126.2	3.5	15.5	-39.1
March	70.8	-42.8	17.2	-40.8
April	73.0	-46.3	20.0	-21.6
May	63.5	-55.4	17.8	-32.2
June	59.0	-52.9	19.8	-31.1
July	63.5	-50.0	18.3	-38.0
August	65.1	-50.6	18.5	-21.7
September	72.3	-51.4	20.9	-15.1
October	60.2	-66.3	21.1	8.9
November	69.8	-60.0	21.4	7.8
December	56.6	-54.0	19.9	8.8
2014	141.6	15.7	24.7	-8.4
January	166.0	86.9	26.4	13.2
February	121.8	31.6	25.5	5.0
March	123.9	-30.3	29.0	14.9
April	135.9	10.7	25.5	7.8
May	142.2	31.5	26.3	9.6
June	125.2	8.9	28.7	5.8
July	127.0	-9.3	29.5	5.2
August	131.7	-13.0	23.6	-21.3
September	149.0	7.8	24.6	-20.9
October	178.6	41.2	19.4	-40.4
November	174.3	57.6	19.8	-32.4
December	123.2	27.7	18.3	-27.9

c/ - Subsector of Wood and wood products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Other wood products <i>c/</i>		Paper and paper products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	85.4	6.7	92.1	11.2
January	87.1	20.9	101.0	27.5
February	66.2	-6.1	95.0	26.2
March	78.0	27.0	88.9	6.4
April	79.9	105.9	89.3	13.0
May	84.7	-1.7	94.5	15.4
June	91.6	19.4	87.6	6.1
July	78.9	-27.4	92.9	11.8
August	85.5	2.6	87.3	2.1
September	90.0	2.1	91.4	4.6
October	96.8	38.5	94.8	4.3
November	87.9	-29.7	92.5	2.0
December	98.1	22.7	89.9	19.6
2014	80.1	8.4	82.9	3.2
January	72.0	14.6	79.2	-3.1
February	70.5	21.2	75.3	5.4
March	61.4	-18.3	83.5	9.6
April	38.8	-39.1	79.0	-8.9
May	86.1	21.8	81.9	1.6
June	76.7	-11.4	82.6	-0.3
July	108.7	120.9	83.1	-0.5
August	83.4	-3.6	85.5	7.5
September	88.1	7.4	87.3	4.8
October	69.9	-20.2	90.9	21.3
November	125.1	36.0	90.7	9.7
December	80.0	10.9	75.2	-5.6

c/ - Subsector of Wood and wood products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Printing		Petroleum products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	446.7	0.8	128.1	-25.8
January	551.7	206.1	135.8	-35.4
February	417.0	63.5	104.6	-30.7
March	422.2	33.7	138.7	60.3
April	351.2	25.5	134.0	-34.5
May	464.1	8.2	157.8	-23.0
June	399.1	-6.7	140.9	-30.1
July	432.2	1.7	159.5	-11.0
August	410.4	-12.4	138.8	-28.0
September	392.8	-25.6	132.7	-24.8
October	567.8	-6.4	110.7	-35.1
November	541.6	-21.1	90.2	-34.5
December	410.2	-42.8	93.7	-40.6
2014	443.3	192.5	172.8	1.9
January	180.2	49.7	210.1	12.1
February	255.1	107.6	150.9	-12.3
March	315.8	162.2	86.5	-42.0
April	279.9	87.7	204.8	159.9
May	428.8	201.5	204.9	25.8
June	427.8	171.2	201.4	9.7
July	424.8	164.8	179.2	-6.5
August	468.3	190.7	192.9	9.2
September	528.0	173.4	176.4	10.5
October	606.7	292.0	170.5	-9.6
November	686.8	282.6	137.7	-12.4
December	717.5	356.9	157.7	-30.2

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Refined petroleum products d/		Coke and other fuel products d/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	128.0	-26.1	142.2	59.0
January	135.6	-35.7	159.8	71.0
February	104.5	-31.0	125.1	115.0
March	138.7	60.2	146.8	81.3
April	134.2	-34.7	104.0	50.8
May	158.2	-23.1	90.9	11.7
June	141.1	-30.2	98.8	30.9
July	159.8	-11.1	113.1	23.4
August	138.8	-28.3	128.7	93.6
September	132.6	-24.9	141.1	-2.8
October	110.2	-35.5	185.8	61.6
November	89.5	-35.1	210.9	104.5
December	93.1	-41.2	200.9	115.2
2014	173.3	1.9	89.4	27.1
January	210.8	12.2	93.5	-1.2
February	151.5	-12.3	58.2	-12.2
March	86.6	-42.1	81.0	15.1
April	205.6	160.6	68.9	11.1
May	205.7	25.8	81.4	29.6
June	202.2	9.7	75.5	-14.6
July	179.7	-6.6	91.7	54.6
August	193.7	9.2	66.4	20.1
September	176.6	10.3	145.1	68.7
October	170.9	-9.8	114.9	71.1
November	137.9	-12.6	103.1	40.2
December	158.1	-30.3	93.4	59.0

d/ - Subsector of Petroleum products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Chemicals and chemical products		Basic chemicals ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	464.0	11.2	238.0	31.9
January	182.0	1.2	224.0	35.7
February	228.9	-14.0	240.7	50.7
March	298.7	34.2	294.1	55.9
April	333.3	15.1	290.6	86.4
May	388.4	12.6	260.4	46.6
June	456.2	16.1	277.3	65.0
July	476.4	10.2	232.1	18.5
August	515.6	20.9	176.4	-2.6
September	567.3	9.3	137.7	72.2
October	656.8	10.9	256.2	27.2
November	711.6	9.3	227.0	-12.2
December	752.9	9.2	240.2	2.3
2014	417.2	2.0	180.5	-10.0
January	179.8	1.3	165.0	-14.5
February	266.4	18.8	159.7	-19.3
March	222.6	-18.4	188.6	1.7
April	289.6	-8.1	155.9	-35.7
May	344.9	-4.0	177.6	-24.4
June	392.8	1.5	168.1	26.2
July	432.4	5.5	195.8	25.6
August	426.6	-6.5	181.1	-16.3
September	519.2	0.0	79.9	-62.7
October	592.0	8.1	201.4	-5.1
November	650.9	7.3	258.5	29.3
December	689.2	8.9	234.8	5.5

^{e/} - Subsector of Chemicals and chemical products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Fertilizers and pesticides <i>e/</i>		Paint products <i>e/</i>	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	171.7	-4.7	189.8	-8.3
January	204.1	42.5	201.7	8.5
February	180.0	-8.9	187.0	-11.1
March	169.0	-5.9	200.3	6.3
April	151.5	-19.3	188.6	-0.2
May	112.3	-31.1	201.0	-7.5
June	205.0	-10.7	212.1	-12.4
July	203.1	5.6	213.1	-4.0
August	164.3	-0.2	165.8	-28.9
September	144.3	69.2	167.1	-15.9
October	123.5	-33.5	189.9	-5.0
November	216.7	-10.1	181.2	-13.8
December	187.0	-2.3	169.3	-9.0
2014	180.1	-22.3	207.0	-4.4
January	143.2	-43.2	186.0	-22.5
February	197.6	-16.5	210.2	-7.8
March	179.5	33.5	188.4	-17.4
April	187.8	-30.0	189.1	-27.1
May	163.1	-29.4	217.4	-16.7
June	229.7	-0.7	242.1	0.1
July	192.4	-24.0	222.0	4.2
August	164.7	-39.8	233.3	34.7
September	85.2	-66.1	198.8	8.3
October	185.6	-35.1	199.9	-0.4
November	241.1	-11.9	210.2	8.5
December	191.5	110.6	186.1	5.8

e/ - Subsector of Chemicals and chemical products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Pharmaceuticals and medicinal products <i>e/</i>		Cosmetics and toilet preparations <i>e/</i>	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	1208.0	16.2	173.0	0.5
January	167.3	-7.3	173.2	-6.2
February	352.0	-30.4	167.6	-2.0
March	557.8	68.3	185.7	4.9
April	723.2	15.3	162.7	7.5
May	914.5	14.4	183.2	13.4
June	1137.8	17.9	177.4	16.2
July	1254.6	16.1	162.0	-3.8
August	1445.8	33.8	165.5	2.2
September	1669.6	15.8	159.0	-19.0
October	1891.0	16.2	193.2	-1.3
November	2087.9	14.8	189.5	5.1
December	2294.8	13.9	156.8	-4.9
2014	1039.4	7.0	172.2	-7.6
January	180.6	39.1	184.5	-0.2
February	505.7	95.5	171.1	-21.2
March	331.5	-25.3	177.1	-19.9
April	627.4	13.9	151.5	-26.5
May	799.3	13.0	161.6	-25.7
June	964.9	7.1	152.7	-18.8
July	1081.0	6.3	168.3	-3.5
August	1080.3	-8.4	162.0	1.0
September	1441.4	5.1	196.5	8.6
October	1627.8	7.6	195.7	26.4
November	1818.8	5.9	180.3	4.3
December	2014.0	7.8	164.9	4.0

e/ - Subsector of Chemicals and chemical products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Miscellaneous chemicals e/		Rubber and plastic products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	149.9	-30.8	160.7	-1.4
January	167.3	-18.9	156.0	1.0
February	155.1	-13.2	160.1	-18.6
March	148.8	-20.5	172.1	15.5
April	153.4	-13.5	154.8	6.0
May	165.5	-14.8	153.1	-2.6
June	158.1	-22.2	156.3	-1.0
July	157.6	-32.4	163.4	1.9
August	145.6	-36.9	153.6	-4.8
September	137.6	-47.0	161.7	-5.2
October	142.4	-42.1	170.2	-0.6
November	145.6	-41.3	167.4	-0.6
December	121.1	-48.5	159.1	-2.3
2014	216.6	11.5	163.0	0.2
January	206.3	28.7	154.4	-1.9
February	178.7	5.0	196.6	28.5
March	187.1	-20.4	149.0	1.4
April	177.4	-21.8	146.1	-6.7
May	194.3	-17.7	157.1	5.9
June	203.3	-14.9	157.8	-3.2
July	233.1	41.9	160.4	-1.3
August	230.7	35.1	161.3	-3.2
September	259.8	21.4	170.5	-1.7
October	245.7	45.9	171.3	-1.1
November	247.9	51.1	168.4	-8.3
December	235.2	29.0	162.9	-2.3

e/ - Subsector of Chemicals and chemical products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Rubber products f/		Plastic products f/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	214.4	-3.2	144.5	-0.6
January	217.2	9.4	137.6	-2.5
February	230.2	14.5	139.1	-28.8
March	234.6	16.3	153.4	15.1
April	206.7	6.1	139.2	5.9
May	207.0	-5.7	137.0	-1.1
June	212.3	-2.4	139.5	-0.3
July	221.8	-8.2	145.9	7.3
August	195.7	-11.8	141.0	-1.5
September	222.2	-8.2	143.5	-3.7
October	223.1	-8.2	154.3	3.1
November	216.8	-11.2	152.6	4.7
December	185.2	-20.6	151.3	6.7
2014	221.6	21.0	145.4	-7.1
January	198.5	13.6	141.1	-7.2
February	201.1	14.0	195.3	33.7
March	201.6	15.3	133.2	-3.8
April	194.8	14.6	131.5	-13.8
May	219.5	27.9	138.4	-2.1
June	217.5	11.6	139.9	-8.9
July	241.8	23.0	136.0	-10.7
August	222.0	26.0	143.0	-12.6
September	242.0	30.7	149.1	-12.3
October	243.0	35.6	149.7	-12.6
November	244.0	12.8	145.7	-16.2
December	233.2	29.0	141.9	-12.7

f/ - Subsector of Rubber and plastic products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Non-metallic mineral products		Glass and glass products g/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	207.0	8.0	154.5	-8.0
January	204.1	16.9	146.7	-20.5
February	209.4	14.3	147.6	-22.1
March	208.8	2.9	160.7	-16.8
April	201.1	4.5	152.7	-16.4
May	213.8	8.8	156.5	-8.4
June	213.5	15.7	160.4	3.7
July	208.8	14.1	167.2	18.5
August	200.0	4.1	157.1	11.1
September	201.3	-2.7	154.0	3.9
October	204.9	0.1	152.9	-8.3
November	204.0	4.0	145.1	-14.5
December	214.0	17.9	152.8	-11.5
2014	191.6	-6.9	167.9	-6.8
January	174.6	-11.5	184.6	-3.9
February	183.2	-9.3	189.5	11.2
March	202.9	-10.3	193.2	10.7
April	192.5	-14.3	182.7	3.2
May	196.6	-13.7	170.8	3.0
June	184.6	-18.9	154.6	-2.2
July	182.9	-23.8	141.1	-22.3
August	192.1	5.0	141.4	-19.0
September	206.9	10.1	148.2	-17.0
October	204.8	9.3	166.7	-15.4
November	196.2	8.4	169.8	-12.2
December	181.5	-1.4	172.5	-13.6

g/ - Subsector of Non-metallic mineral products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Cement g/		Miscellaneous non-metallic mineral products g/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	330.4	13.0	55.4	-6.9
January	327.1	25.9	55.2	9.3
February	339.4	23.4	52.4	2.1
March	332.6	8.6	54.8	-10.6
April	323.3	10.8	49.5	-12.7
May	339.6	11.7	61.0	8.1
June	339.8	18.0	58.3	12.4
July	328.6	14.1	57.7	9.8
August	316.3	5.3	54.3	-11.2
September	319.7	-0.4	54.6	-23.3
October	326.2	4.8	56.0	-21.0
November	327.2	11.6	55.5	-21.6
December	344.5	27.5	56.0	-7.0
2014	292.4	6.9	59.6	-50.8
January	259.8	-2.2	50.5	-51.3
February	275.0	6.4	51.3	-62.2
March	306.4	3.9	61.2	-59.5
April	291.8	4.1	56.7	-65.9
May	304.0	8.5	56.4	-68.8
June	287.9	10.0	51.8	-75.2
July	288.1	0.5	52.5	-73.6
August	300.4	11.4	61.1	-5.2
September	320.9	17.6	71.1	-1.3
October	311.2	15.3	71.0	6.0
November	293.3	10.4	70.7	25.0
December	270.3	-2.6	60.3	31.0

g/ - Subsector of Non-metallic mineral products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Basic metals		Iron and steel h/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	232.3	-3.4	217.5	4.1
January	277.8	52.6	232.0	7.4
February	250.2	37.3	227.4	11.3
March	265.1	65.6	239.3	25.2
April	259.6	10.2	225.5	5.9
May	234.0	-21.8	228.2	2.4
June	183.5	-37.2	218.0	-4.8
July	174.7	-38.2	219.1	5.7
August	198.5	-31.4	232.6	4.4
September	205.8	-19.0	188.7	-10.4
October	249.6	2.1	193.0	-15.0
November	262.9	17.3	200.5	8.9
December	226.3	-5.9	206.0	15.4
2014	240.5	-5.2	208.9	8.6
January	182.1	-28.8	216.0	23.7
February	182.2	-30.9	204.4	14.1
March	160.1	-27.7	191.2	22.2
April	235.6	-19.4	212.9	6.1
May	299.4	12.3	222.9	12.4
June	292.0	18.3	229.0	18.4
July	282.9	11.5	207.4	7.3
August	289.3	2.0	222.9	12.4
September	253.9	-11.8	210.7	1.8
October	244.5	-15.6	227.1	4.4
November	224.1	11.9	184.1	-8.5
December	240.6	32.1	178.5	-4.8

h/ - Subsector of Basic metals

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Non-ferrous metals h/		Fabricated metal products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	267.6	-15.3	389.3	-0.2
January	386.9	282.3	354.4	-10.7
February	304.5	135.6	297.1	-6.0
March	326.7	280.3	356.2	-5.7
April	340.8	17.6	376.7	-9.4
May	247.8	-48.5	396.5	14.2
June	101.1	-77.1	428.8	9.5
July	68.7	-85.1	434.6	9.1
August	117.1	-73.8	415.2	12.0
September	246.5	-31.0	543.0	8.9
October	384.6	34.5	396.5	-5.9
November	411.6	28.8	381.5	1.9
December	274.6	-29.3	291.2	-22.5
2014	315.9	-21.0	390.3	27.6
January	101.2	-77.5	397.0	44.3
February	129.2	-72.2	316.1	24.1
March	85.9	-77.1	377.5	29.5
April	289.8	-43.3	415.7	29.7
May	481.5	12.3	347.1	17.4
June	442.3	18.2	391.4	29.3
July	462.7	16.4	398.2	18.9
August	447.6	-8.1	370.6	15.6
September	357.0	-25.7	498.6	54.2
October	285.9	-38.1	421.2	31.5
November	319.4	61.3	374.4	20.0
December	388.5	130.0	375.5	17.5

h/ - Subsector of Basic metals

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Machinery except electrical		Machinery and equipment, n.e.c. i/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	49.2	3.5	168.1	11.5
January	43.4	4.8	142.4	11.6
February	45.4	0.9	148.6	4.0
March	52.4	-10.6	180.7	19.5
April	46.2	-1.8	158.4	1.0
May	46.9	-7.7	160.6	-6.0
June	47.9	-1.2	168.7	10.7
July	48.0	-2.4	164.2	-0.8
August	48.9	8.8	161.5	12.1
September	52.1	13.1	175.3	15.1
October	48.5	-1.5	167.7	4.7
November	63.0	32.3	223.3	46.4
December	48.0	14.2	165.6	25.4
2014	47.6	19.3	150.7	22.9
January	41.5	42.3	127.7	56.0
February	45.0	60.0	142.8	93.8
March	58.7	72.2	151.2	51.1
April	47.0	44.4	156.7	67.2
May	50.8	12.6	170.7	15.0
June	48.5	18.4	152.4	19.5
July	49.2	11.9	165.6	16.5
August	45.0	13.1	144.0	20.9
September	46.1	1.0	152.2	6.3
October	49.2	3.3	160.2	3.8
November	47.6	2.2	152.6	1.7
December	42.1	-6.3	132.1	-3.3

i/ - Subsector of Machinery except electrical

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Office, accounting and computing machinery i/		Electrical machinery	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	15.6	-15.0	123.1	-4.0
January	15.4	-9.6	120.8	0.5
February	16.3	-6.3	115.6	-4.5
March	16.1	-50.4	127.3	-4.8
April	14.4	-9.8	117.5	-8.0
May	14.8	-12.5	115.8	-11.7
June	13.7	-28.1	122.9	-8.5
July	15.2	-6.8	125.3	-3.8
August	17.1	0.6	122.4	-3.1
September	17.2	7.6	134.9	4.6
October	14.8	-17.2	126.7	-5.3
November	17.6	-1.7	125.6	0.9
December	14.8	-10.9	122.2	-2.8
2014	18.4	11.5	128.1	4.4
January	17.1	20.2	120.2	12.0
February	17.4	13.8	121.0	10.9
March	32.5	111.0	133.8	11.9
April	16.0	4.7	127.7	6.1
May	16.9	6.4	131.2	11.9
June	19.1	16.1	134.3	7.1
July	16.3	0.4	130.2	11.1
August	16.9	-2.2	126.3	0.6
September	16.0	-11.0	129.0	-7.0
October	17.8	2.1	133.8	-1.2
November	17.9	3.4	124.5	-4.0
December	16.6	-12.5	125.7	-1.2

i/ - Subsector of Machinery except electrical

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Electrical appliances j/		Wires and wirings j/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	102.4	-14.2	131.6	-9.5
January	108.3	-8.4	128.5	-10.3
February	107.1	-6.4	131.3	-9.6
March	106.4	-16.3	139.9	-11.1
April	105.2	-14.3	119.6	-17.3
May	94.6	-21.1	135.8	-8.9
June	97.0	-21.3	135.4	-10.1
July	99.3	-20.5	134.3	-13.8
August	98.0	-18.5	121.8	-14.4
September	94.0	-17.9	133.3	-15.1
October	103.2	-14.9	130.2	-13.1
November	105.4	-10.2	142.1	4.3
December	110.0	1.8	126.8	12.5
2014	119.3	1.4	145.4	7.4
January	118.2	8.1	143.3	19.6
February	114.5	2.8	145.3	1.8
March	127.1	13.8	157.5	16.4
April	122.8	8.2	144.6	2.4
May	119.9	7.3	149.1	6.2
June	123.1	5.8	150.6	11.1
July	124.9	6.4	155.9	11.8
August	120.3	-0.1	142.3	4.8
September	114.5	-10.8	156.9	19.2
October	121.2	-8.1	149.8	12.8
November	117.4	-6.6	136.3	5.8
December	108.0	-5.9	112.7	-20.3

j/ - Subsector of Electrical machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Batteries j/		Lamps and fixtures j/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	7.8	-22.5	103.2	1.7
January	11.8	21.0	88.9	-5.0
February	8.0	-13.6	107.7	6.0
March	15.0	22.0	107.6	0.8
April	14.1	58.3	91.6	-1.6
May	5.5	-45.9	97.6	5.5
June	6.0	-43.8	101.8	4.1
July	7.0	-33.7	110.9	13.2
August	4.3	-61.5	106.4	-0.3
September	5.8	-42.9	101.4	-5.7
October	5.5	-40.4	116.6	4.2
November	5.8	-40.1	110.0	0.4
December	4.1	-49.3	97.5	-0.4
2014	10.0	40.8	101.4	-5.3
January	9.8	167.1	93.6	-2.5
February	9.3	102.1	101.6	-2.3
March	12.3	120.7	106.8	3.6
April	8.9	42.9	93.1	-7.0
May	10.1	-0.6	92.5	-8.5
June	10.7	4.1	97.8	-6.7
July	10.6	42.3	97.9	-14.7
August	11.0	29.9	106.8	-3.0
September	10.1	32.4	107.6	-10.4
October	9.2	26.8	111.9	-5.9
November	9.7	47.2	109.6	-0.1
December	8.1	13.5	98.0	-4.8

j/ - Subsector of Electrical machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Microcircuits j/		Transport equipment	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	135.8	-0.9	148.2	3.9
January	131.9	4.7	154.9	19.7
February	121.7	-4.6	150.3	0.5
March	139.7	-1.3	151.7	0.6
April	128.0	-6.0	131.2	-5.9
May	127.7	-10.4	143.0	5.5
June	137.5	-5.5	144.5	9.2
July	139.3	1.0	139.6	0.1
August	136.6	2.5	142.8	-2.6
September	157.7	13.8	153.1	6.8
October	139.6	-2.7	160.6	7.5
November	137.3	4.4	159.1	-0.8
December	132.7	-5.0	147.2	8.9
2014	137.0	6.2	142.6	1.9
January	126.0	14.4	129.4	-6.8
February	127.5	16.0	149.5	3.3
March	141.6	11.8	150.8	13.0
April	136.1	6.9	139.4	-1.3
May	142.4	16.0	135.5	0.9
June	145.5	8.7	132.3	18.4
July	137.9	15.8	139.4	-12.9
August	133.2	1.0	146.6	15.0
September	138.6	-6.9	143.4	-8.8
October	143.6	0.7	149.4	3.9
November	131.5	-4.2	160.3	5.1
December	139.7	1.8	135.1	1.5

j/ - Subsector of Electrical machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Furniture and fixtures		Other manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	89.0	-28.1	81.7	7.9
January	129.4	-9.0	73.5	-10.1
February	75.5	-47.3	75.0	-7.8
March	95.8	-16.7	84.9	-2.8
April	104.8	-1.0	58.7	-20.5
May	82.8	-23.4	86.1	6.3
June	84.1	-27.6	88.1	25.4
July	84.0	-28.1	89.4	22.3
August	72.8	-41.0	88.5	27.2
September	81.1	-37.9	86.9	15.7
October	90.2	-29.8	88.3	14.6
November	77.4	-39.9	86.1	16.9
December	90.6	-28.6	75.0	15.5
2014	123.8	-2.1	75.7	-7.6
January	142.3	113.8	81.8	-3.0
February	143.2	73.9	81.4	-1.2
March	115.0	-10.6	87.3	4.9
April	105.8	-18.4	73.8	-14.4
May	108.1	-23.3	81.0	2.9
June	116.1	-16.2	70.2	-14.6
July	116.9	-11.8	73.1	-16.7
August	123.3	-3.5	69.5	-13.2
September	130.5	-1.4	75.1	-14.2
October	128.4	-12.9	77.0	-8.7
November	128.8	-6.0	73.7	-8.3
December	126.8	-17.5	64.9	-2.9

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Total manufacturing		Food manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	125.7	2.6	118.5	-14.1
January	106.6	2.2	113.9	-16.6
February	105.0	-1.9	111.9	-19.8
March	119.9	15.0	131.2	-7.8
April	116.5	2.0	115.2	-14.4
May	123.0	-0.9	116.3	-17.4
June	123.9	-1.4	113.3	-16.2
July	124.9	0.5	103.8	-19.9
August	125.8	2.6	107.1	-14.5
September	133.7	3.4	112.9	-18.2
October	141.9	1.7	131.1	-14.7
November	144.1	4.5	132.3	-10.6
December	143.5	5.1	133.5	0.9
2014	122.5	7.3	138.0	0.6
January	104.3	4.4	136.7	-1.5
February	107.1	6.0	139.5	-0.4
March	104.2	0.0	142.3	0.5
April	114.2	10.8	134.6	-1.2
May	124.2	12.7	140.8	6.3
June	125.6	12.7	135.3	7.8
July	124.3	7.6	129.6	0.7
August	122.6	5.7	125.3	-5.7
September	129.3	4.7	138.1	0.2
October	139.6	8.7	153.7	6.8
November	137.8	9.1	148.0	0.3
December	136.4	4.7	132.3	-5.8

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Processed meat and fish a/		Processed fruits and vegetables a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	78.6	-8.3	216.7	17.1
January	68.1	-13.2	225.3	79.9
February	76.5	0.4	187.5	38.8
March	78.0	-11.2	211.5	37.3
April	76.8	-11.3	221.3	51.5
May	80.6	-13.6	220.0	17.5
June	82.9	-5.3	206.2	-3.3
July	80.8	-15.3	216.6	10.4
August	75.0	-12.8	208.1	9.2
September	83.9	6.5	217.8	-21.6
October	80.7	-8.4	230.4	-15.3
November	81.0	-10.4	238.5	39.1
December	79.0	-1.8	217.4	43.6
2014	85.8	2.3	185.0	3.5
January	78.5	18.2	125.2	-3.0
February	76.2	10.5	135.0	5.8
March	87.8	21.5	154.0	25.1
April	86.5	-14.6	146.0	6.7
May	93.3	9.5	187.3	-0.2
June	87.5	9.5	213.2	29.6
July	95.5	16.7	196.2	0.8
August	86.0	-2.6	190.6	-21.9
September	78.8	-9.9	277.7	3.5
October	88.1	-2.5	271.9	39.5
November	90.4	-0.1	171.5	-8.3
December	80.5	-13.8	151.4	-19.7

a - Subsector of Food manufacturing

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Vegetable/animal oils and fats a/		Dairy products a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	32.7	-18.1	176.2	-8.8
January	40.6	18.3	160.0	-8.5
February	33.9	-16.7	167.6	-12.8
March	36.2	-6.3	206.7	-7.6
April	27.6	-36.6	159.9	-11.7
May	34.5	-16.1	185.0	-5.0
June	32.0	-29.3	175.4	-10.8
July	28.9	-27.9	186.0	-1.3
August	34.2	-8.4	187.0	-2.7
September	35.4	-15.3	182.5	-0.5
October	37.5	-25.5	187.8	-7.1
November	27.9	-17.6	158.9	-19.2
December	24.3	-25.5	157.8	-18.1
2014	40.0	3.3	193.3	6.6
January	34.3	-9.8	175.0	13.9
February	40.7	-10.9	192.2	15.0
March	38.6	-4.5	223.6	29.4
April	43.5	3.2	181.1	-7.7
May	41.1	1.6	194.8	5.9
June	45.3	70.4	196.5	10.9
July	40.1	2.8	188.6	-0.7
August	37.3	-5.5	192.3	13.2
September	41.8	28.4	183.5	5.2
October	50.4	37.2	202.1	-0.8
November	33.9	-19.6	196.7	-6.7
December	32.6	-20.3	192.7	9.9

a - Subsector of Food manufacturing

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Rice, corn and flour milling a/		Animal feeds a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	75.0	5.8	147.5	7.4
January	75.3	-10.2	143.8	97.9
February	72.2	8.2	132.2	16.5
March	81.3	23.9	150.4	18.3
April	73.0	17.7	133.9	5.2
May	74.3	7.4	148.3	14.8
June	74.2	17.5	158.5	23.1
July	78.6	15.4	164.3	17.8
August	71.7	-3.5	157.1	15.1
September	71.7	-3.7	152.3	10.2
October	79.6	5.5	151.9	-9.2
November	75.8	2.5	137.0	-38.7
December	71.8	-2.7	140.4	-3.4
2014	70.9	-24.4	137.4	9.8
January	83.8	-2.9	72.7	-44.9
February	66.7	-26.6	113.5	6.5
March	65.7	-27.5	127.2	5.3
April	62.0	-51.4	127.3	5.7
May	69.1	-28.6	129.2	11.9
June	63.1	-29.5	128.7	6.9
July	68.1	-26.5	139.5	11.2
August	74.3	-19.5	136.6	5.2
September	74.5	-16.5	138.2	1.3
October	75.4	-18.1	167.2	22.2
November	74.0	-17.3	223.4	68.4
December	73.8	-15.8	145.3	16.1

a - Subsector of Food manufacturing

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Bakery products a/		Sugar a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	205.7	-16.5	218.1	22.4
January	206.5	-16.6	206.2	-38.3
February	180.0	-27.6	224.0	-32.0
March	207.4	-18.4	296.5	19.9
April	176.0	-25.5	254.5	10.9
May	262.7	-0.8	126.5	-31.4
June	201.3	-15.9	154.5	18.6
July	204.2	-17.1	16.0	-70.6
August	202.8	-19.4	85.6	95.4
September	211.5	-11.7	129.4	28.3
October	202.8	-18.5	303.1	96.4
November	210.9	-15.7	382.2	125.3
December	201.9	-11.4	438.7	175.1
2014	246.3	2.8	178.1	2.7
January	247.6	9.3	334.1	37.9
February	248.5	9.8	329.4	38.6
March	254.2	16.7	247.4	-1.2
April	236.1	-2.9	229.4	5.0
May	264.9	13.7	184.4	35.0
June	239.2	0.1	130.3	23.0
July	246.3	0.0	54.6	-22.3
August	251.5	3.0	43.8	-38.3
September	239.5	-1.6	100.8	-14.4
October	248.9	1.8	154.3	-19.1
November	250.3	-2.2	169.6	-22.6
December	227.9	-10.8	159.5	-28.1

a - Subsector of Food manufacturing

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Coconut products a/		Miscellaneous foods a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	190.5	-0.1	71.4	-64.6
January	184.2	8.2	70.8	-63.3
February	168.4	-23.5	71.9	-59.7
March	241.1	26.4	77.1	-57.3
April	195.8	6.2	67.5	-64.2
May	184.3	1.6	73.7	-62.1
June	203.2	12.0	72.5	-61.1
July	214.5	15.2	70.8	-63.8
August	190.1	-1.4	67.2	-62.9
September	173.6	-1.7	66.1	-68.9
October	164.3	-22.1	75.3	-67.9
November	180.8	-8.4	75.7	-69.6
December	185.8	-5.6	67.7	-69.9
2014	190.7	-2.0	201.6	0.9
January	170.1	28.5	193.1	-23.9
February	220.1	36.3	178.3	-27.3
March	190.8	16.9	180.5	-24.8
April	184.4	11.2	188.6	10.4
May	181.4	-11.0	194.5	9.7
June	181.4	-10.5	186.2	1.6
July	186.2	-11.6	195.6	9.6
August	192.7	-10.3	181.3	-5.5
September	176.6	-24.5	212.7	14.2
October	211.0	-5.4	234.4	22.5
November	197.4	-4.3	248.9	29.6
December	196.9	-9.6	224.8	20.9

a - Subsector of Food manufacturing

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Beverages		Tobacco products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	125.9	-4.6	6.9	30.5
January	119.5	11.8	4.8	23.3
February	126.4	6.3	5.1	52.3
March	136.6	3.8	3.8	35.2
April	119.9	-7.5	5.7	43.4
May	129.4	-6.8	6.3	20.3
June	127.2	-6.0	6.8	12.2
July	114.1	-13.7	7.3	11.4
August	121.0	-7.5	7.8	26.1
September	129.1	-3.7	9.3	35.0
October	120.8	-22.7	10.3	129.1
November	126.4	-9.4	8.3	32.8
December	140.2	9.1	7.9	-3.3
2014	131.9	29.1	5.3	-3.3
January	106.8	-0.2	3.9	97.3
February	118.8	17.5	3.3	31.2
March	131.6	29.7	2.8	12.0
April	129.6	32.7	3.9	20.8
May	138.9	31.8	5.2	-5.6
June	135.3	17.8	6.1	-1.5
July	132.1	36.9	6.6	-10.6
August	130.8	35.4	6.1	-15.6
September	134.1	50.8	6.9	-8.5
October	156.3	42.4	4.5	-37.4
November	139.6	44.9	6.2	-13.1
December	128.6	17.4	8.2	9.6

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Textiles		Textile products b/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	40.9	9.2	38.7	7.2
January	41.1	11.4	37.8	5.3
February	45.9	27.3	43.0	20.6
March	47.1	24.3	45.1	22.1
April	43.5	19.7	41.3	16.4
May	44.3	15.5	42.7	13.8
June	43.4	14.8	41.6	11.9
July	41.8	14.8	39.8	13.3
August	39.6	8.8	37.5	6.2
September	41.3	8.9	39.4	8.5
October	35.6	-7.4	33.3	-8.1
November	33.2	-13.5	31.2	-13.7
December	33.4	-11.8	31.8	-10.9
2014	37.4	13.9	36.1	16.1
January	36.9	33.9	35.9	38.8
February	36.1	34.3	35.6	48.6
March	37.9	45.9	36.9	59.2
April	36.4	7.9	35.5	11.5
May	38.3	17.0	37.6	20.1
June	37.8	14.8	37.1	18.2
July	36.4	-2.5	35.1	-2.1
August	36.4	4.0	35.3	5.0
September	37.9	9.0	36.3	7.7
October	38.5	6.9	36.2	4.4
November	38.3	13.6	36.2	6.2
December	37.9	1.3	35.7	5.3

b/ - Subsector of Textiles

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Cordage, rope and twine b/		Footwear and wearing apparel	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	55.1	1.7	27.4	-4.2
January	66.3	28.7	20.5	-24.3
February	67.3	47.1	24.0	-20.0
March	59.6	12.9	27.2	-17.9
April	58.0	15.0	28.0	0.8
May	52.7	2.3	26.0	-18.3
June	54.5	8.8	28.8	1.2
July	54.3	0.3	31.1	19.6
August	54.2	2.5	25.3	-9.0
September	53.3	-8.9	27.9	15.2
October	51.5	-19.8	29.4	5.3
November	46.1	-27.0	26.5	5.1
December	43.1	-21.1	34.2	0.6
2014	54.1	6.4	28.6	-16.3
January	51.5	12.9	27.1	-25.3
February	45.7	-16.3	30.0	-16.9
March	52.8	0.5	33.1	-9.8
April	50.4	-4.9	27.8	-11.4
May	51.5	6.8	31.8	-9.1
June	50.1	2.8	28.4	-16.9
July	54.1	1.3	26.0	-12.4
August	52.9	4.6	27.8	-5.4
September	58.5	21.7	24.3	-16.6
October	64.2	26.2	27.9	-12.2
November	63.1	79.3	25.2	-27.8
December	54.7	-21.1	34.0	-25.5

b/ - Subsector of Textiles

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Leather products		Wood and wood products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	4.5	6.5	60.2	-12.9
January	3.9	-2.0	64.0	-15.6
February	4.1	3.4	67.5	10.0
March	4.5	11.3	54.2	-11.0
April	4.2	13.7	58.0	0.6
May	4.2	9.5	57.4	-18.2
June	4.7	11.0	58.3	-9.8
July	4.5	2.3	55.3	-24.6
August	4.3	-3.2	57.0	-14.3
September	4.5	-1.6	62.2	-15.3
October	4.9	3.3	63.4	-16.4
November	5.1	15.0	64.7	-27.6
December	4.7	17.6	60.4	0.3
2014	4.2	11.7	69.1	7.2
January	4.0	15.3	75.8	50.1
February	4.0	9.3	61.4	20.7
March	4.0	-2.9	60.9	-24.8
April	3.7	-1.0	57.6	-5.8
May	3.8	-2.1	70.2	19.6
June	4.2	41.5	64.6	-1.2
July	4.4	47.9	73.4	15.6
August	4.5	50.1	66.5	-13.2
September	4.5	12.5	73.4	1.5
October	4.7	4.7	75.8	6.8
November	4.4	6.2	89.4	34.2
December	4.0	-10.8	60.2	7.6

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Planing and sawmill c/		Veneer and plywood c/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	22.5	-47.8	27.4	-23.1
January	32.6	-37.0	26.4	-33.9
February	37.9	-0.2	22.4	-39.7
March	21.3	-45.0	24.8	-41.2
April	21.9	-48.3	28.8	-22.1
May	19.5	-54.3	25.7	-30.2
June	18.1	-51.9	28.5	-30.7
July	19.5	-48.9	26.3	-37.5
August	19.9	-49.7	26.6	-21.1
September	22.1	-50.7	30.0	-15.1
October	18.4	-65.7	30.4	8.4
November	21.3	-59.2	30.7	7.3
December	17.3	-53.3	28.6	8.3
2014	43.0	14.3	35.7	-14.4
January	51.8	89.4	39.9	9.6
February	38.0	33.4	37.2	-1.8
March	38.6	-29.4	42.2	6.8
April	42.4	12.1	37.0	1.3
May	42.7	28.3	36.8	-0.8
June	37.6	6.2	41.1	-1.7
July	38.1	-11.5	42.1	-2.2
August	39.5	-15.2	33.7	-26.8
September	44.7	5.1	35.3	-26.0
October	53.6	37.8	28.0	-44.1
November	52.3	53.7	28.6	-36.9
December	37.0	24.5	26.4	-32.2

c/ - Subsector of Wood and wood products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Other wood products <i>c/</i>		Paper and paper products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	88.9	53.3	74.9	8.8
January	75.5	47.4	83.4	24.8
February	63.5	26.3	78.3	26.3
March	77.1	75.9	72.4	5.4
April	81.4	193.1	72.9	11.9
May	91.2	47.8	77.5	15.0
June	97.4	77.2	71.8	2.9
July	83.9	7.1	75.2	8.6
August	88.7	47.5	70.4	-1.5
September	94.0	46.7	73.2	0.1
October	108.6	113.6	76.6	0.5
November	99.6	7.2	74.4	-2.3
December	106.5	77.7	72.8	21.0
2014	58.0	9.9	68.9	1.4
January	51.3	15.0	66.8	-4.7
February	50.3	21.7	62.0	3.4
March	43.8	-18.4	68.7	6.6
April	27.8	-39.5	65.2	-11.2
May	61.7	20.9	67.4	-2.5
June	54.9	-10.8	69.8	-0.6
July	78.3	124.0	69.3	-0.7
August	60.2	-1.4	71.5	7.8
September	64.1	9.6	73.2	4.0
October	50.8	-18.6	76.2	20.7
November	92.9	40.6	76.1	8.2
December	59.9	15.3	60.2	-11.4

c/ - Subsector of Wood and wood products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Printing		Petroleum products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	143.4	2.4	46.8	-6.6
January	174.2	206.1	55.5	-4.1
February	134.3	66.7	39.9	-4.1
March	135.9	36.3	49.6	102.8
April	112.7	27.5	48.9	-14.7
May	149.8	10.6	53.8	-7.6
June	128.4	-4.9	48.6	-15.2
July	138.9	3.5	57.3	15.8
August	131.8	-10.9	51.3	-6.0
September	126.2	-24.3	48.0	-4.9
October	182.4	-4.8	40.4	-21.7
November	174.0	-19.8	32.5	-25.9
December	131.7	-41.9	36.3	-34.2
2014	140.0	192.5	50.2	5.0
January	56.9	49.7	57.9	7.6
February	80.6	107.6	41.6	-13.9
March	99.7	162.2	24.4	-44.3
April	88.4	87.7	57.3	140.1
May	135.4	201.5	58.2	18.9
June	135.1	171.2	57.3	7.7
July	134.2	164.8	49.5	-9.6
August	147.9	190.7	54.6	11.4
September	166.8	173.4	50.5	12.5
October	191.6	292.0	51.7	-2.9
November	216.9	282.6	43.9	3.8
December	226.6	356.9	55.1	-3.5

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Refined petroleum products d/		Coke and other fuel products d/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	46.4	-7.6	125.6	60.4
January	55.1	-5.1	132.5	61.9
February	39.5	-5.2	106.2	108.4
March	49.1	101.1	127.3	79.6
April	48.5	-15.6	92.4	53.1
May	53.4	-8.5	81.4	14.2
June	48.2	-16.1	88.3	33.7
July	56.8	14.7	101.0	25.9
August	50.9	-7.0	115.2	98.0
September	47.6	-5.8	126.7	-0.2
October	39.9	-22.8	166.7	65.6
November	32.0	-27.3	188.1	108.3
December	35.7	-34.8	181.2	121.6
2014	50.2	4.9	78.3	12.1
January	58.0	7.7	81.8	-12.8
February	41.7	-13.9	51.0	-22.5
March	24.4	-44.5	70.9	1.5
April	57.4	140.8	60.4	-2.0
May	58.4	19.0	71.3	14.3
June	57.4	7.8	66.1	-24.7
July	49.6	-9.7	80.3	36.4
August	54.7	11.5	58.2	6.0
September	50.5	12.4	127.0	48.8
October	51.7	-3.0	100.6	50.9
November	43.9	3.7	90.3	23.7
December	54.8	-4.4	81.8	40.3

d/ - Subsector of Petroleum products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Chemicals and chemical products		Basic chemicals e/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	291.7	8.7	113.2	37.8
January	114.3	-2.0	105.0	42.4
February	120.7	-29.7	111.9	57.0
March	188.2	33.2	137.6	71.1
April	209.3	12.9	134.5	95.5
May	245.2	11.1	122.9	55.2
June	288.8	14.9	131.1	73.9
July	301.3	9.1	111.4	26.7
August	325.1	18.0	84.5	1.8
September	359.3	7.8	66.3	82.5
October	417.7	8.4	125.4	31.7
November	450.9	6.3	111.1	-10.2
December	479.3	9.1	117.4	5.5
2014	268.4	2.0	82.2	-9.5
January	116.7	0.3	73.7	-18.7
February	171.6	18.4	71.2	-22.5
March	141.3	-18.3	80.4	-2.3
April	185.3	-7.6	68.8	-36.4
May	220.7	-3.0	79.2	-23.9
June	251.4	3.6	75.4	30.6
July	276.2	5.9	88.0	31.5
August	275.5	-5.4	83.1	-10.3
September	333.3	-0.8	36.3	-62.8
October	385.5	8.1	95.3	-5.3
November	424.3	7.3	123.7	31.4
December	439.4	6.8	111.3	7.9

e/ - Subsector of Chemicals and Chemical products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Fertilizers and pesticides e/		Paint products e/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	78.5	-5.6	86.7	-9.7
January	92.1	21.7	92.3	8.4
February	81.1	-18.1	85.6	-12.0
March	77.4	-4.6	91.7	5.1
April	69.9	-16.9	86.3	-0.2
May	51.9	-30.1	91.6	-9.6
June	94.3	-9.9	96.8	-14.3
July	92.5	5.1	97.3	-5.8
August	74.7	-0.5	75.7	-30.4
September	65.9	68.8	76.4	-17.5
October	56.7	-32.0	86.8	-6.8
November	99.5	-7.3	82.9	-15.4
December	86.0	-0.4	77.4	-10.8
2014	83.1	-13.4	96.1	-2.6
January	75.6	-23.6	85.2	-21.4
February	99.1	6.0	97.3	-4.4
March	81.1	52.5	87.2	-14.4
April	84.1	-22.1	86.4	-26.1
May	74.2	-21.6	101.3	-13.8
June	104.6	10.1	113.0	3.9
July	88.0	-17.0	103.3	6.6
August	75.1	-34.8	108.8	38.0
September	39.0	-63.1	92.6	6.7
October	83.3	-32.1	93.1	1.1
November	107.3	-10.3	98.0	7.4
December	86.4	116.6	86.8	4.7

e/ - Subsector of Chemicals and chemical products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Phrmaceuticals and medicinal products e/		Cosmetics and toilet preparations e/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	764.3	18.1	163.1	-2.2
January	106.1	-6.9	162.5	-8.4
February	222.7	-29.1	157.5	-4.0
March	352.9	71.3	174.4	2.9
April	457.6	17.4	152.9	3.8
May	578.6	16.5	173.0	11.4
June	719.8	20.1	167.7	14.5
July	793.7	18.2	153.0	-4.6
August	914.7	36.3	156.2	-1.1
September	1056.3	17.5	149.9	-20.6
October	1196.4	17.8	182.8	-5.2
November	1321.0	16.4	178.8	0.3
December	1451.9	15.6	148.7	-8.3
2014	647.4	5.8	166.7	-8.6
January	113.9	38.3	177.3	-6.5
February	314.3	92.8	164.2	-24.4
March	206.0	-26.3	169.6	-20.8
April	389.9	12.3	147.3	-26.3
May	496.7	11.4	155.3	-25.5
June	599.6	5.6	146.4	-17.4
July	671.7	4.8	160.5	-5.3
August	671.3	-9.7	158.0	0.4
September	899.1	4.0	188.8	6.1
October	1015.3	6.5	192.9	25.9
November	1134.4	4.9	178.3	4.8
December	1256.2	6.7	162.2	4.2

e/ - Subsector of Chemicals and chemical products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Miscellaneous chemicals e/		Rubber and plastic products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	111.7	-31.9	100.0	-1.8
January	124.2	-21.4	96.5	-0.8
February	114.9	-15.8	84.4	-32.0
March	112.6	-21.2	90.9	-2.1
April	113.9	-16.0	98.2	7.1
May	123.8	-16.6	97.1	-2.0
June	120.1	-22.6	98.9	-0.2
July	117.4	-33.8	106.4	5.5
August	106.5	-38.9	99.3	-2.5
September	103.5	-47.3	105.3	-1.7
October	106.6	-43.0	111.1	4.1
November	106.5	-42.1	108.8	3.7
December	90.9	-47.9	103.5	6.4
2014	164.1	9.7	101.9	-1.7
January	157.9	27.0	97.3	-2.5
February	136.5	4.7	124.1	27.9
March	143.0	-21.4	92.8	-0.2
April	135.5	-23.1	91.7	-9.0
May	148.5	-18.2	99.1	3.9
June	155.2	-15.5	99.1	-4.7
July	177.3	40.5	100.9	-2.7
August	174.3	33.0	101.9	-4.1
September	196.4	19.7	107.1	-3.4
October	186.9	44.3	106.7	-3.3
November	183.9	45.9	105.0	-10.2
December	174.4	24.5	97.3	-8.0

e/ - Subsector of Chemicals and chemical products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Rubber products f/		Plastic products f/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	276.1	-0.1	70.7	7.1
January	269.4	6.7	65.4	2.7
February	285.7	12.0	67.1	-24.3
March	287.9	13.8	73.9	24.1
April	258.1	5.7	68.6	15.1
May	258.0	-6.2	67.5	6.6
June	263.5	-3.0	68.7	7.9
July	296.8	-1.4	71.9	15.6
August	258.3	-6.3	69.3	5.0
September	297.0	-1.0	70.7	3.7
October	300.7	0.3	76.0	12.0
November	289.6	-3.9	75.0	13.7
December	248.7	-13.7	74.2	16.4
2014	276.5	20.0	66.0	-9.1
January	252.6	18.1	63.6	-10.8
February	255.0	18.2	88.6	29.1
March	252.9	18.3	59.6	-8.2
April	244.3	12.6	59.6	-16.4
May	275.1	26.0	63.2	-4.3
June	271.5	9.7	63.7	-10.1
July	300.9	20.5	62.2	-11.6
August	275.8	23.6	66.0	-12.7
September	300.0	27.5	68.2	-13.3
October	299.8	31.7	67.8	-14.2
November	301.5	9.8	66.0	-17.5
December	288.3	25.9	63.8	-14.3

f/ - Subsector of Rubber and plastic products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Non-metallic mineral products		Glass and glass products g/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	138.0	9.9	135.5	-3.6
January	141.6	24.9	129.6	-15.4
February	110.4	-7.8	130.0	-18.1
March	110.3	-16.4	140.4	-12.1
April	140.5	11.4	134.8	-14.5
May	149.4	15.3	139.1	-3.5
June	148.8	23.8	142.1	13.8
July	145.2	21.1	147.3	24.8
August	138.8	10.4	136.5	11.2
September	139.5	4.1	134.1	11.7
October	142.1	7.0	133.7	-1.5
November	141.2	10.2	126.6	-12.8
December	147.8	18.6	132.4	-10.0
2014	125.5	-8.6	140.6	-2.7
January	113.4	-14.9	153.1	-1.9
February	119.7	-11.6	158.7	16.3
March	131.8	-12.3	159.7	22.1
April	126.1	-17.0	157.6	5.4
May	129.5	-15.9	144.2	0.9
June	120.3	-20.7	124.9	-2.4
July	119.9	-25.0	118.0	-17.1
August	125.7	3.7	122.7	-11.1
September	134.0	7.3	120.0	-18.0
October	132.8	6.1	135.8	-17.9
November	128.1	7.7	145.3	-0.3
December	124.6	2.6	147.1	-3.8

g/ - Subsector of Non-metallic mineral products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Cement g/		scellaneous non-metallic mineral products g/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	182.4	15.0	45.3	-3.7
January	179.2	27.6	45.1	14.1
February	188.9	26.2	42.9	6.2
March	185.9	11.3	44.8	-6.0
April	180.3	13.4	40.5	-8.7
May	188.9	12.4	49.9	12.6
June	188.3	19.2	47.6	17.1
July	181.2	14.7	47.1	14.1
August	174.8	8.1	44.3	-8.1
September	175.8	2.0	44.5	-21.1
October	179.0	7.1	45.8	-18.7
November	179.1	13.9	45.3	-19.3
December	188.0	29.5	45.7	-7.3
2014	158.7	1.2	47.1	-51.0
January	140.4	-9.4	39.6	-51.8
February	149.7	0.3	40.4	-62.6
March	167.0	-1.6	47.6	-60.6
April	159.0	-1.1	44.4	-66.9
May	168.1	4.5	44.3	-69.2
June	157.9	5.5	40.7	-75.3
July	158.0	-4.5	41.3	-73.7
August	161.8	4.7	48.2	-4.3
September	172.4	11.4	56.5	-0.7
October	167.1	8.9	56.3	6.5
November	157.3	4.8	56.1	24.9
December	145.2	-7.5	49.3	34.9

g/ - Subsector of Non-metallic mineral products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Basic metals		Iron and steel h/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	131.9	6.6	120.1	11.6
January	148.7	58.5	123.8	11.2
February	135.2	47.9	121.1	15.0
March	146.2	81.7	130.9	33.6
April	143.2	19.1	123.0	12.7
May	127.1	-17.1	124.9	9.2
June	101.9	-32.0	120.4	2.6
July	102.3	-29.4	121.7	14.3
August	117.9	-20.7	129.9	13.3
September	120.9	-7.1	105.9	-2.6
October	146.8	14.8	108.5	-7.6
November	155.9	32.5	113.6	18.9
December	136.8	7.6	117.7	26.5
2014	123.8	3.9	107.6	13.0
January	93.8	-15.6	111.4	31.4
February	91.4	-20.9	105.3	21.1
March	80.5	-21.1	98.0	28.6
April	120.2	-10.8	109.1	11.3
May	153.4	17.9	114.4	16.0
June	149.8	25.1	117.3	21.4
July	144.8	16.0	106.4	10.0
August	148.8	9.2	114.7	15.6
September	130.1	-6.2	108.8	5.1
October	127.8	-6.3	117.5	9.1
November	117.7	24.2	95.5	-5.0
December	127.2	49.3	93.0	-0.8

h/ - Subsector of Basic metals

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Non-ferrous metals h/		Fabricated metal products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	156.9	-3.8	283.1	0.0
January	208.0	298.8	259.3	-7.5
February	167.5	163.4	218.2	-2.8
March	182.1	327.4	260.9	-3.4
April	190.8	29.5	275.6	-7.1
May	133.4	-45.9	290.3	13.1
June	56.6	-75.1	313.0	12.3
July	42.9	-81.9	316.3	6.7
August	74.8	-67.5	300.0	9.6
September	153.1	-15.9	392.1	7.7
October	238.7	58.5	286.7	-6.1
November	257.8	52.3	275.1	0.3
December	177.7	-15.1	209.2	-24.0
2014	163.1	-9.5	283.0	33.5
January	52.2	-70.8	280.5	48.7
February	63.6	-66.2	224.5	29.3
March	42.6	-74.4	270.2	36.0
April	147.3	-34.6	296.5	34.5
May	246.4	19.4	256.6	25.7
June	227.1	27.9	278.9	33.5
July	236.4	22.4	296.5	27.9
August	230.1	1.4	273.6	21.5
September	182.0	-19.3	364.0	61.9
October	150.6	-28.1	305.2	37.1
November	169.2	88.3	274.3	25.0
December	209.2	178.3	275.1	22.1

h/ - Subsector of Basic metals

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Machinery except electrical		Machinery and equipment, n.e.c. i/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	46.3	3.4	95.1	32.7
January	40.6	2.5	69.6	11.7
February	43.2	-0.4	83.9	23.5
March	49.0	-12.6	100.7	41.8
April	43.4	2.5	89.1	22.2
May	43.7	-4.7	91.0	13.2
June	45.9	0.4	95.3	31.3
July	45.6	-2.9	92.4	17.6
August	45.9	7.3	93.0	35.1
September	48.6	14.0	101.4	38.8
October	45.4	-2.7	97.4	27.2
November	59.1	31.2	131.6	80.6
December	44.9	11.7	96.0	52.2
2014	44.8	30.2	71.7	20.2
January	39.7	57.2	62.3	57.4
February	43.4	78.0	68.0	91.7
March	56.1	90.4	71.0	47.0
April	42.3	51.4	72.9	61.0
May	45.8	21.1	80.3	11.1
June	45.7	31.2	72.6	16.6
July	46.9	25.6	78.6	13.7
August	42.8	29.1	68.8	19.0
September	42.7	9.2	73.0	4.6
October	46.7	12.0	76.6	1.2
November	45.1	7.7	72.8	-0.6
December	40.2	1.0	63.1	-5.3

i/ - Subsector of Machinery except electrical

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Office, accounting and computing machinery i/		Electrical machinery	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	16.0	-17.3	101.7	14.3
January	16.0	-12.2	88.0	8.0
February	16.9	-9.8	89.5	8.6
March	16.4	-52.7	97.6	8.6
April	14.8	-7.8	100.5	14.7
May	14.9	-11.6	99.1	5.3
June	14.4	-28.4	103.4	11.1
July	15.7	-9.5	107.9	16.3
August	17.4	-3.3	105.5	19.1
September	17.5	5.7	113.1	26.5
October	15.0	-20.5	107.5	17.3
November	17.9	-5.4	106.2	21.3
December	15.0	-15.0	102.4	14.2
2014	19.3	23.5	89.0	2.0
January	18.2	34.0	81.5	5.2
February	18.7	28.2	82.4	4.9
March	34.8	136.8	89.9	5.2
April	16.0	10.8	87.6	2.1
May	16.9	15.8	94.0	14.3
June	20.1	30.4	93.1	5.2
July	17.3	14.5	92.8	10.8
August	18.0	13.6	88.6	1.2
September	16.5	-2.7	89.4	-9.3
October	18.9	12.1	91.7	-5.9
November	18.9	9.9	87.6	-4.4
December	17.6	-5.1	89.7	-0.4

i/ - Subsector of Electrical machinery

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Electrical appliances j/		Wires and wirings j/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	75.0	-12.1	105.8	18.0
January	79.7	-6.4	83.5	-4.0
February	80.1	-2.1	102.9	17.1
March	78.8	-12.3	106.0	9.7
April	78.5	-11.0	100.1	11.4
May	69.8	-20.9	107.1	14.8
June	70.8	-19.4	108.9	15.0
July	72.1	-19.3	111.9	17.5
August	70.6	-17.7	101.9	17.6
September	68.0	-15.9	111.5	16.9
October	75.2	-12.6	109.2	16.8
November	76.8	-7.8	119.8	40.8
December	79.5	3.2	107.0	50.8
2014	85.3	0.6	89.7	14.0
January	85.1	7.3	87.0	27.2
February	81.8	1.2	87.9	8.4
March	89.9	10.8	96.6	21.7
April	88.2	7.1	89.9	9.1
May	88.2	9.5	93.2	15.4
June	87.8	4.8	94.7	16.7
July	89.4	5.4	95.2	15.2
August	85.8	-0.7	86.7	7.3
September	80.9	-12.1	95.3	22.3
October	86.1	-8.8	93.5	30.0
November	83.3	-7.3	85.1	21.5
December	77.0	-6.2	71.0	-18.6

j/ - Subsector of Electrical machinery

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Batteries j/		Lamps and fixtures j/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	5.3	-23.4	73.6	23.6
January	8.04	19.5	53.3	-2.4
February	5.46	-14.7	77.4	30.5
March	10.21	20.5	78.5	25.8
April	9.61	56.3	66.6	22.3
May	3.73	-46.5	71.3	31.2
June	4.10	-44.5	73.5	27.4
July	4.78	-34.6	80.2	37.4
August	2.89	-62.0	76.8	20.0
September	3.93	-43.6	72.8	15.4
October	3.73	-41.1	83.3	26.5
November	3.96	-40.8	79.2	24.5
December	2.80	-49.9	70.5	23.8
2014	6.9	30.2	59.6	-11.7
January	6.7	147.0	54.7	-13.1
February	6.4	86.9	59.3	-13.0
March	8.5	104.0	62.4	-8.0
April	6.1	32.2	54.4	-16.5
May	7.0	-8.1	54.3	-16.5
June	7.4	-3.8	57.7	-10.8
July	7.3	31.6	58.3	-17.7
August	7.6	20.1	64.0	-4.6
September	7.0	22.4	63.1	-13.5
October	6.3	17.2	65.8	-9.9
November	6.7	36.2	63.6	-5.6
December	5.6	5.0	57.0	-10.8

j/ - Subsector of Electrical machinery

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Microcircuits j/		Transport equipment	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	115.8	18.8	124.9	5.0
January	99.0	13.8	128.6	18.4
February	95.5	7.7	125.0	0.9
March	108.4	12.0	128.0	3.3
April	113.2	18.8	111.4	-3.7
May	113.2	7.9	121.0	8.2
June	119.6	16.1	123.7	11.4
July	124.4	23.1	117.4	0.6
August	122.2	27.7	120.7	-2.3
September	136.5	38.7	129.1	7.9
October	122.7	22.2	134.8	6.3
November	119.9	26.4	133.4	-0.5
December	114.7	11.5	125.7	12.0
2014	97.4	3.7	119.0	2.1
January	87.0	6.8	108.7	-6.5
February	88.6	9.3	123.9	4.5
March	96.8	4.7	123.9	14.4
April	95.3	2.8	115.6	-2.6
May	105.0	19.3	111.8	-0.4
June	103.0	6.5	111.1	20.4
July	101.1	15.7	116.7	-12.1
August	95.7	1.8	123.5	15.3
September	98.4	-9.4	119.7	-10.4
October	100.4	-5.4	126.7	5.7
November	94.9	-4.9	134.1	5.7
December	102.8	3.6	112.3	0.7

j/ - Subsector of Electrical machinery

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2014 - December 2015
(2000=100)**

Year/Month	Furniture and fixtures		Other manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	809.4	-1.2	108.9	6.7
January	1093.1	19.1	98.9	-2.2
February	643.2	-24.0	100.8	-7.6
March	850.5	13.4	113.0	-1.4
April	923.8	27.2	79.6	-15.9
May	768.7	4.7	116.5	4.5
June	764.0	-15.3	118.3	23.8
July	768.3	-11.2	119.7	18.4
August	657.9	-11.2	116.3	20.2
September	782.7	3.5	114.0	9.9
October	868.8	5.9	117.3	9.6
November	741.7	-17.5	113.5	10.5
December	849.9	-2.9	98.5	14.3
2014	819.5	15.3	102.0	-5.5
January	917.7	235.3	101.1	-14.0
February	846.5	127.8	109.1	-1.9
March	749.9	5.4	114.5	2.9
April	726.3	13.2	94.6	-17.1
May	734.1	-6.4	111.5	10.6
June	902.2	26.7	95.5	-9.8
July	865.6	6.3	101.1	-12.3
August	741.1	-5.4	96.8	-5.8
September	756.2	-7.5	103.8	-9.0
October	820.8	-1.6	107.0	-3.3
November	899.1	7.4	102.8	-1.6
December	875.0	-7.8	86.2	-0.7

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Total manufacturing		Food manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	193.1	-7.1	206.4	-12.9
January	155.8	-5.7	196.2	-14.7
February	158.2	-10.5	194.0	-16.0
March	183.7	-0.6	234.2	-1.2
April	180.0	-6.7	217.1	-6.5
May	187.5	-9.6	198.7	-18.4
June	196.9	-8.4	207.7	-14.5
July	199.3	-4.0	192.8	-15.6
August	195.8	-7.4	186.8	-15.5
September	208.6	-9.6	199.9	-17.0
October	216.8	-9.7	214.5	-15.9
November	218.1	-5.8	213.4	-13.6
December	216.0	-5.9	221.4	-6.0
2014	207.8	3.7	237.0	2.1
January	165.2	3.9	229.9	3.1
February	176.7	9.6	231.1	7.7
March	184.9	4.9	237.0	3.1
April	193.0	2.1	232.2	-4.6
May	207.5	8.1	243.6	6.6
June	215.0	9.4	242.9	4.9
July	207.6	2.5	228.4	5.0
August	211.4	1.6	221.1	-3.7
September	230.7	3.4	240.8	1.0
October	240.0	5.5	255.0	9.6
November	231.6	0.2	246.9	<u>1/</u>
December	229.4	-3.9	235.5	-6.2

1/ - less than 0.1 percent increase

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Processed meat and fish ^{a/}		Processed fruits and vegetables ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	143.5	-3.0	157.2	29.1
January	115.1	-25.3	122.3	60.1
February	127.0	-3.8	136.5	84.0
March	140.9	-4.2	147.3	71.8
April	138.8	3.2	168.0	71.5
May	140.1	0.9	148.1	18.9
June	144.0	1.1	162.7	22.7
July	146.2	8.2	146.6	13.1
August	136.9	-3.9	141.8	25.9
September	148.8	-3.7	178.8	5.7
October	172.9	5.7	178.8	-3.4
November	155.3	-6.6	188.1	33.9
December	155.7	-4.8	166.8	26.4
2014	147.9	-1.7	121.7	-24.3
January	154.0	22.8	76.4	-12.3
February	132.0	1.8	74.2	-26.0
March	147.1	9.0	85.7	-9.3
April	134.5	-9.8	97.9	-26.8
May	138.9	-9.0	124.6	-16.6
June	142.5	-3.3	132.7	-14.4
July	135.1	-7.1	129.7	-15.0
August	142.4	-5.1	112.7	-37.3
September	154.6	1.3	169.2	-25.6
October	163.6	6.0	185.1	-10.5
November	166.4	-3.9	140.5	-39.5
December	163.5	-13.8	131.9	-37.6

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Vegetable/animal oils and fats ^{a/}		Dairy products ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	81.8	-26.1	312.4	-1.8
January	91.9	3.3	291.7	2.7
February	86.2	-24.8	290.0	-15.2
March	95.0	-12.6	341.5	4.5
April	82.3	-28.2	315.2	-9.1
May	71.0	-32.9	307.0	-3.1
June	83.4	-38.4	302.5	-1.8
July	92.7	-15.9	276.7	-10.5
August	66.8	-39.4	315.0	2.6
September	78.2	-28.2	319.3	1.4
October	79.3	-44.3	341.6	4.7
November	75.1	-20.2	325.0	-5.9
December	79.6	-16.0	322.8	12.0
2014	110.7	17.9	318.0	12.5
January	89.0	-14.3	283.9	6.8
February	114.6	40.8	342.1	16.9
March	108.7	14.8	326.9	5.3
April	114.5	9.3	346.8	5.7
May	105.8	65.2	316.8	2.6
June	135.5	16.7	308.2	16.3
July	110.2	3.8	309.2	18.9
August	110.3	12.8	307.0	20.4
September	108.8	56.4	314.9	17.1
October	142.4	49.0	326.4	16.3
November	94.1	-8.3	345.4	16.3
December	94.8	5.2	288.2	10.8

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Rice, corn and flour milling ^{a/}		Animal feeds ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	272.7	2.0	266.3	-7.5
January	285.3	8.5	303.7	3.5
February	267.5	3.5	237.8	0.6
March	283.0	6.4	262.5	0.7
April	263.7	6.2	272.1	-3.2
May	264.9	-1.0	259.2	-10.7
June	276.9	6.7	279.0	-0.4
July	273.0	1.1	273.0	-6.0
August	262.6	-8.2	266.7	-11.8
September	275.0	-4.5	267.9	-13.2
October	276.6	-7.2	264.0	-12.4
November	269.2	27.3	264.2	-16.2
December	275.2	-6.0	246.0	-16.3
2014	267.4	0.6	287.8	4.1
January	263.0	0.6	293.4	5.1
February	258.4	-0.8	236.3	<u>1/</u>
March	266.0	0.4	260.7	-3.0
April	248.3	-2.3	281.2	-2.2
May	267.7	-2.4	290.3	4.7
June	259.6	2.1	280.2	4.1
July	270.2	0.1	290.3	5.2
August	286.1	9.5	302.4	7.9
September	287.8	6.9	308.7	6.9
October	297.9	9.2	301.2	6.5
November	211.4	-22.2	315.3	13.1
December	292.6	6.5	294.0	0.1

1/ - less than 0.1 percent increase

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Bakery products ^{a/}		Sugar ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	474.9	11.3	287.9	5.5
January	458.7	6.4	271.8	-17.5
February	433.2	11.0	299.6	-7.8
March	478.8	17.3	495.5	48.4
April	419.6	9.5	402.1	37.4
May	452.1	6.9	248.3	-27.9
June	463.6	13.9	296.4	-9.4
July	495.4	13.7	182.2	-14.7
August	476.2	10.0	157.6	-6.6
September	493.0	9.4	195.7	1.9
October	504.8	8.5	238.3	9.4
November	494.3	14.3	283.7	10.1
December	528.7	15.4	383.8	40.4
2014	426.5	8.0	273.0	0.2
January	431.1	16.4	329.6	-3.8
February	390.2	8.8	324.9	17.3
March	408.0	8.6	333.8	-4.2
April	383.1	1.2	292.8	-12.1
May	423.1	8.6	344.7	51.3
June	407.0	3.9	327.2	9.9
July	435.7	9.0	213.7	39.4
August	432.7	4.8	168.7	-32.3
September	450.7	15.4	192.1	-41.0
October	465.1	10.6	217.8	12.1
November	432.5	1.4	257.7	2.7
December	458.2	8.6	273.4	1.9

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Coconut products ^{a/}		Miscellaneous foods ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	401.9	2.1	117.1	-60.0
January	443.4	82.5	112.8	-61.0
February	376.5	17.7	107.9	-61.8
March	488.8	24.0	122.4	-57.3
April	431.3	14.1	127.9	-54.2
May	382.9	-8.2	129.3	-56.8
June	471.2	9.3	117.8	-59.7
July	421.2	4.8	112.9	-60.7
August	405.3	-8.9	106.7	-59.9
September	363.7	-10.6	108.5	-64.9
October	341.9	-23.9	121.9	-61.2
November	340.0	-24.1	124.6	-61.6
December	357.2	-8.6	112.2	-59.6
2014	393.8	75.2	292.4	-4.7
January	243.0	63.2	289.1	-3.1
February	320.0	63.7	282.6	-1.3
March	394.2	98.9	286.5	-1.3
April	377.9	93.1	279.4	-11.7
May	417.0	89.5	299.5	-5.1
June	431.0	90.2	292.8	-2.0
July	401.9	66.8	287.1	-5.8
August	445.0	91.5	266.1	-13.3
September	407.0	52.1	309.1	3.8
October	449.6	60.9	314.0	1.6
November	447.9	88.7	324.2	4.9
December	390.8	53.1	278.0	-20.5

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Beverages		Tobacco products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	225.9	29.4	28.5	14.1
January	220.7	22.2	24.3	-5.8
February	203.6	33.7	22.9	5.3
March	241.3	47.8	26.8	32.6
April	231.5	38.7	26.0	13.7
May	229.3	26.0	27.0	11.6
June	225.4	20.7	28.2	13.6
July	193.5	20.0	27.8	12.7
August	204.9	25.5	28.6	13.5
September	229.1	32.1	31.4	25.1
October	230.4	27.5	32.4	12.0
November	240.2	27.8	33.3	40.8
December	261.0	32.9	33.2	2.6
2014	174.5	5.7	25.0	4.2
January	180.5	15.2	25.8	19.6
February	152.3	2.0	21.7	23.8
March	163.2	-2.6	20.2	8.7
April	166.8	-8.9	22.9	-11.7
May	182.0	-0.3	24.2	-22.8
June	186.6	-3.7	24.8	3.7
July	161.3	3.7	24.7	2.6
August	163.2	7.8	25.2	6.5
September	173.5	7.1	25.1	9.7
October	180.7	10.0	29.0	5.9
November	187.9	11.3	23.7	-8.8
December	196.4	33.8	32.3	31.5

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Textiles		Textile products ^{b/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	123.4	-2.0	120.6	-1.2
January	121.5	-10.5	119.5	-10.5
February	124.2	-0.2	121.7	-0.9
March	135.3	3.1	133.2	5.4
April	120.1	8.0	117.9	11.2
May	149.2	2.4	149.2	3.9
June	147.0	1.8	146.4	2.8
July	136.8	4.8	134.0	4.6
August	113.8	0.1	109.7	0.5
September	121.3	-2.9	118.6	-1.5
October	115.3	-6.1	112.3	-3.9
November	99.5	-14.4	94.6	-14.7
December	97.1	-11.5	90.2	-13.6
2014	125.9	29.8	122.0	32.7
January	135.8	35.8	133.6	38.9
February	124.4	30.8	122.8	39.3
March	131.2	38.7	126.3	42.0
April	111.2	18.6	106.0	22.1
May	145.6	33.6	143.6	37.3
June	144.4	41.0	142.5	46.3
July	130.5	22.1	128.1	26.7
August	113.7	29.0	109.1	33.9
September	124.8	25.3	120.4	25.8
October	122.9	30.2	116.9	31.4
November	116.2	30.5	110.8	29.6
December	109.8	20.5	104.4	17.1

b/ - Subsector of Textiles

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Cordage, rope and twine ^{b/}		Footwear and wearing apparel	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	170.3	-10.4	79.1	-8.7
January	154.5	-10.4	70.0	-23.4
February	165.2	8.7	70.0	-22.6
March	170.2	-20.2	78.6	-18.0
April	156.4	-21.1	79.2	7.4
May	147.9	-17.6	89.5	3.7
June	156.1	-11.4	77.3	-11.0
July	183.4	7.7	79.0	-2.5
August	182.0	-3.9	73.5	-14.6
September	166.0	-16.7	79.9	2.0
October	166.4	-25.3	78.9	-10.0
November	182.1	-12.0	74.4	-7.3
December	213.8	6.5	98.8	-2.9
2014	190.1	5.1	86.6	-21.2
January	172.4	5.2	91.3	-19.5
February	152.0	-28.1	90.4	-17.2
March	213.4	12.8	95.8	-15.4
April	198.3	-5.9	73.8	-22.5
May	179.6	-2.1	86.4	-20.5
June	176.3	-5.3	86.9	-22.5
July	170.3	-16.2	81.0	-12.6
August	189.4	-4.6	86.1	-32.4
September	199.3	20.4	78.4	-16.4
October	222.7	20.1	87.7	-12.7
November	206.9	39.3	80.3	-27.7
December	200.7	61.1	101.7	-29.0

b/ - Subsector of Textiles

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Leather products		Wood and wood products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	6.0	2.2	103.2	-5.3
January	3.1	-41.8	77.3	-36.4
February	5.0	-13.4	84.7	-12.7
March	5.9	43.2	102.2	3.0
April	5.5	14.5	105.4	11.3
May	5.5	-2.6	93.7	-20.0
June	6.9	15.0	111.3	6.0
July	6.4	-4.9	116.3	3.8
August	5.8	-3.0	114.0	11.7
September	6.5	18.9	96.7	-13.5
October	6.6	-0.1	119.1	0.5
November	7.4	7.6	111.0	-19.1
December	7.5	3.5	107.2	16.5
2014	5.9	14.1	109.0	3.5
January	5.3	33.3	121.6	24.6
February	5.8	28.5	97.1	-6.1
March	4.1	-17.4	99.3	-23.1
April	4.8	9.1	94.8	-1.6
May	5.7	14.5	117.0	25.2
June	6.0	20.3	105.1	1.5
July	6.7	18.8	112.1	14.6
August	6.0	16.5	102.1	-17.2
September	5.5	-5.1	111.7	-2.8
October	6.7	16.3	118.6	6.2
November	6.9	20.6	137.1	36.2
December	7.2	18.9	92.0	0.1

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Planing and sawmill ^{c/}		Veneer and plywood ^{c/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	232.0	-0.3	15.6	-20.0
January	170.8	-37.7	13.9	-28.0
February	196.8	-1.0	13.7	-30.6
March	235.3	10.9	15.2	-32.6
April	234.6	4.0	17.1	-19.2
May	210.1	-13.4	12.6	-43.1
June	245.6	14.4	16.8	-25.3
July	270.1	26.2	16.3	-27.2
August	263.0	23.5	17.2	-15.8
September	209.5	-10.3	12.1	-27.7
October	271.7	-5.0	17.3	13.1
November	246.6	-11.8	18.4	12.4
December	230.1	15.9	16.0	10.2
2015	232.7	7.0	19.4	-12.9
January	274.1	36.4	19.4	-19.1
February	198.8	-14.6	19.7	-1.3
March	212.1	-26.6	22.5	-3.8
April	225.7	11.2	21.2	1.8
May	242.6	30.8	22.1	3.7
June	214.6	9.8	22.5	10.2
July	214.0	-4.0	22.4	7.6
August	213.1	-17.4	20.5	-10.6
September	233.6	-0.3	16.8	-34.9
October	286.0	30.5	15.3	-39.2
November	279.4	45.9	16.4	-29.9
December	198.4	12.0	14.5	-26.8

c/ - Subsector of Wood and Wood Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Other wood products ^{c/}		Paper and paper products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	79.6	-15.4	90.4	3.1
January	59.7	-34.7	88.7	2.7
February	56.2	-37.5	87.9	6.7
March	72.6	-7.4	94.1	3.5
April	82.2	71.0	87.5	2.7
May	74.9	-30.3	91.2	3.6
June	91.1	-5.6	82.5	-3.0
July	81.3	-33.8	87.0	1.0
August	79.7	-11.7	81.1	-6.4
September	87.1	-18.4	90.4	-3.7
October	88.1	21.9	92.9	-2.8
November	86.3	-40.6	100.2	6.2
December	95.4	19.7	101.5	30.0
2014	94.1	-0.2	87.7	7.1
January	91.4	9.6	86.4	7.0
February	89.9	24.1	82.3	-5.3
March	78.4	-17.7	90.9	22.9
April	48.1	-40.6	85.3	6.3
May	107.5	19.2	88.0	5.4
June	96.5	-17.1	85.0	5.6
July	122.8	95.6	86.2	2.0
August	90.3	-18.7	86.6	7.7
September	106.7	1.8	93.9	11.3
October	72.3	-35.0	95.6	8.6
November	145.3	36.7	94.4	13.7
December	79.7	-17.3	78.1	1.9

c/ - Subsector of Wood and Wood Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Printing		Petroleum products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	175.1	-49.9	204.3	-25.5
January	158.2	8.5	195.8	-29.9
February	128.6	-31.6	193.6	-25.7
March	177.0	-28.3	214.2	-24.2
April	135.5	-42.5	211.9	-26.9
May	165.4	-51.9	222.8	-29.0
June	177.6	-45.5	221.6	-26.4
July	181.9	-45.8	240.2	-14.7
August	188.5	-48.5	200.0	-30.3
September	165.9	-59.6	193.8	-27.9
October	193.2	-59.7	198.8	-28.0
November	199.2	-62.3	181.9	-22.1
December	230.2	-60.8	177.3	-19.1
2014	349.5	143.7	274.4	9.4
January	145.8	17.9	279.2	16.6
February	188.0	52.6	260.5	16.0
March	246.9	116.7	282.6	16.9
April	235.5	79.9	289.7	21.4
May	344.0	153.7	313.7	25.5
June	326.1	147.1	300.8	26.4
July	335.6	114.0	281.5	9.0
August	366.2	117.5	286.7	13.8
September	410.9	114.6	268.8	8.7
October	479.8	187.7	276.0	1.8
November	528.0	251.5	233.4	-10.4
December	586.7	357.8	219.3	-23.9

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Refined petroleum products ^{d/}		Coke and other fuel products ^{d/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	204.5	-25.7	173.5	28.4
January	196.0	-30.0	154.6	3.2
February	193.8	-25.9	163.7	33.2
March	214.4	-24.4	185.2	49.4
April	212.3	-27.0	158.8	25.0
May	223.0	-29.2	190.0	28.0
June	221.8	-26.5	184.4	53.7
July	240.4	-14.9	204.9	62.6
August	200.1	-30.4	179.4	37.5
September	193.9	-28.1	184.1	19.3
October	199.1	-28.1	148.9	-4.9
November	182.0	-22.2	166.1	20.4
December	177.4	-19.3	161.7	30.6
2015	275.2	9.4	135.1	16.5
January	280.1	16.6	149.9	19.2
February	261.3	16.0	122.9	2.6
March	283.5	16.9	124.0	12.6
April	290.7	21.5	127.1	-1.5
May	314.8	25.4	148.5	37.5
June	302.0	26.4	120.0	28.8
July	282.5	9.0	126.0	11.2
August	287.7	13.8	130.5	9.2
September	269.5	8.7	154.4	13.1
October	276.8	1.7	156.6	43.3
November	234.0	-10.5	137.9	12.2
December	219.9	-24.0	123.8	17.9

d/ - Subsector of Petroleum Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Chemical and chemical products		Basic chemicals ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	497.5	-7.3	241.7	26.3
January	186.1	2.9	193.4	10.9
February	242.3	-22.8	239.6	30.4
March	311.1	5.8	288.8	34.8
April	341.8	-8.6	244.2	28.2
May	417.8	-7.7	286.1	34.4
June	482.6	-7.4	258.9	36.5
July	520.8	-7.9	232.3	31.5
August	566.4	-3.6	189.0	-12.7
September	645.1	-14.3	255.5	68.6
October	714.9	-8.9	260.2	53.2
November	767.6	-2.5	201.6	-8.2
December	773.5	-6.1	250.7	27.5
2015	536.5	-2.6	191.3	15.6
January	180.9	-1.3	174.4	14.6
February	314.0	33.6	183.7	16.0
March	294.1	-8.5	214.3	27.6
April	373.9	-5.3	190.5	1.4
May	452.7	-1.5	212.8	52.4
June	521.1	0.2	189.7	36.0
July	565.6	-3.7	176.6	-11.8
August	587.6	-8.5	216.5	31.1
September	752.5	3.5	151.5	2.1
October	785.0	1.6	169.8	-13.9
November	787.0	-7.4	219.6	43.4
December	823.8	-10.1	196.5	11.7

e/ - Subsector of Chemical and Chemical Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Fertilizers and pesticides ^{e/}		Paint products ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	183.6	3.3	236.6	-1.7
January	221.7	24.2	262.2	43.1
February	232.7	44.5	230.0	12.7
March	128.7	-9.6	247.3	16.6
April	117.8	-15.1	235.2	9.5
May	145.6	-20.3	248.9	-0.2
June	203.3	13.2	260.9	-3.9
July	220.2	6.5	268.3	-1.9
August	223.0	15.5	203.6	-27.7
September	184.4	-4.1	208.4	-16.4
October	150.1	-16.0	244.8	-4.3
November	171.1	-7.1	218.1	-17.1
December	204.6	5.2	211.8	-7.9
2015	177.7	-40.7	240.7	27.3
January	178.5	-41.2	183.2	-6.3
February	161.1	-40.7	204.1	11.2
March	142.4	-34.2	212.0	17.5
April	138.8	-56.0	214.8	-0.8
May	182.7	-43.3	249.4	13.8
June	179.6	-40.3	271.5	35.8
July	206.8	-44.4	273.5	35.3
August	193.0	-34.5	281.4	72.6
September	192.3	-34.5	249.4	43.8
October	178.8	-34.2	255.7	31.3
November	184.2	-38.0	263.0	45.5
December	194.5	-42.5	230.0	44.5

e/ - Subsector of Chemical and Chemical Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Pharmaceuticals and medical products ^{e/}		Cosmetics and toilet preparations ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	1225.8	9.7	200.0	-49.2
January	169.2	-18.1	157.2	12.0
February	344.1	-38.0	155.9	-31.4
March	563.1	52.1	186.7	-34.2
April	724.6	5.6	172.1	-42.2
May	921.8	5.7	201.0	-41.7
June	1142.3	9.4	212.4	-46.3
July	1262.8	8.9	210.6	-51.1
August	1463.5	26.2	218.9	-53.6
September	1706.0	10.7	233.7	-64.4
October	1932.0	13.3	261.4	-58.1
November	2139.4	9.7	275.2	-37.7
December	2340.3	8.7	114.7	-71.8
2015	1116.9	2.5	393.5	-13.1
January	206.6	32.1	140.4	-10.5
February	555.4	87.7	227.2	10.9
March	370.3	-26.1	283.5	-1.5
April	686.3	10.2	297.8	-14.0
May	871.9	9.8	344.8	-16.4
June	1044.5	6.1	395.8	-11.4
July	1160.1	1.7	430.5	-11.4
August	1159.5	-13.4	471.7	-11.1
September	1540.5	-0.2	657.3	12.7
October	1705.6	0.5	624.2	2.4
November	1950.2	1.6	441.6	-32.9
December	2152.1	3.3	406.8	-42.7

e/ - Subsector of Chemical and Chemical Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Miscellaneous chemicals ^{e/}		Rubber and plastic products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	321.2	-12.4	186.7	8.8
January	266.4	-7.8	167.1	7.9
February	317.6	-6.2	176.0	9.4
March	281.2	-32.7	190.6	12.0
April	273.9	-11.9	179.5	13.4
May	309.6	-7.7	183.6	8.9
June	295.8	-23.2	190.1	8.9
July	390.8	2.7	191.5	11.7
August	362.3	-10.4	184.0	3.6
September	367.1	-16.0	192.5	7.8
October	329.0	-19.5	194.6	3.8
November	317.7	-9.9	196.8	7.9
December	342.9	0.2	194.5	11.5
2015	366.8	6.6	171.6	12.2
January	288.9	-12.1	154.8	12.4
February	338.5	11.1	160.9	15.3
March	418.2	26.0	170.2	21.0
April	311.0	-23.7	158.2	3.7
May	335.5	-15.7	168.5	15.3
June	384.9	1/	174.6	11.1
July	380.6	11.9	171.6	6.6
August	404.3	35.2	177.7	11.5
September	437.0	0.2	178.5	13.6
October	408.5	46.6	187.5	25.0
November	352.5	9.9	182.4	3.8
December	342.0	14.5	174.4	10.3

1/ - less than 0.1 percent increase

e/ - Subsector of Chemical and Chemical Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Rubber products ^{f/}		Plastic products ^{f/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	174.3	12.1	190.5	7.9
January	170.5	33.0	166.1	2.0
February	166.4	22.1	178.9	6.3
March	182.8	18.3	192.9	10.3
April	164.6	25.1	184.0	10.7
May	157.5	8.1	191.4	9.2
June	189.4	15.9	190.4	6.9
July	173.9	9.2	196.8	12.3
August	172.4	-0.4	187.5	4.7
September	186.1	22.3	194.4	4.3
October	170.0	-6.6	202.0	6.8
November	185.0	16.8	200.3	5.6
December	172.9	-4.6	200.9	16.6
2015	155.5	15.4	176.5	11.4
January	128.1	9.6	162.9	13.1
February	136.3	2.2	168.3	18.9
March	154.5	10.8	174.9	24.0
April	131.6	-1.0	166.3	4.9
May	145.7	10.7	175.4	16.5
June	163.4	4.7	178.0	13.0
July	159.3	9.7	175.2	5.8
August	173.1	34.1	179.1	6.3
September	152.2	16.0	186.4	13.0
October	182.1	45.7	189.1	20.1
November	158.3	4.9	189.6	3.5
December	181.3	44.7	172.3	2.6

^{f/} - Subsector of Rubber and Plastic Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Non-metallic mineral products		Glass and glass products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	244.5	7.2	144.3	2.5
January	214.2	2.8	119.1	-18.5
February	220.9	3.3	136.1	6.6
March	261.2	6.1	142.1	2.6
April	233.5	0.9	135.5	26.2
May	266.5	8.2	144.0	12.0
June	254.3	14.0	142.0	22.3
July	252.6	14.2	138.6	22.0
August	264.3	22.7	144.0	29.3
September	244.6	9.9	138.2	-5.8
October	246.5	-12.1	156.7	-16.9
November	240.4	2.5	178.1	-10.2
December	234.7	21.9	157.9	-5.2
2015	228.0	6.8	140.8	-10.8
January	208.4	11.2	146.1	11.2
February	213.8	12.2	127.7	-26.0
March	246.2	21.3	138.5	2.1
April	231.5	0.3	107.3	-26.9
May	246.4	9.3	128.6	-0.8
June	223.0	0.7	116.1	-27.2
July	221.1	-2.9	113.6	-31.8
August	215.5	5.4	111.4	-13.2
September	222.7	3.5	146.8	3.4
October	280.4	22.4	188.4	1.7
November	234.5	11.3	198.3	-5.1
December	192.6	-10.8	166.6	-11.4

g/ - Subsector of Non-metallic Mineral Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Cement ^{g/}		Miscellaneous non-metallic mineral products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	356.3	7.8	129.3	7.4
January	308.1	3.3	122.2	12.9
February	328.2	6.4	105.7	-9.7
March	390.1	4.8	130.1	13.7
April	349.9	-1.1	111.1	-0.9
May	407.1	7.2	120.5	11.1
June	381.8	12.6	122.3	16.9
July	378.5	13.9	123.6	12.1
August	378.5	16.4	154.4	47.1
September	350.9	9.2	140.0	20.7
October	348.2	5.1	141.3	-43.0
November	338.8	4.0	128.1	5.6
December	315.9	12.5	152.9	92.5
2015	330.6	5.9	120.4	22.8
January	298.3	0.5	108.2	89.6
February	308.3	9.0	117.0	72.0
March	372.1	19.1	114.4	48.5
April	353.7	-1.1	112.1	27.8
May	379.7	9.6	108.5	13.9
June	339.2	6.3	104.7	-5.0
July	332.3	-1.3	110.2	9.6
August	325.3	11.4	105.0	-7.7
September	321.3	5.8	116.0	-4.5
October	331.1	4.8	247.9	97.6
November	325.8	16.8	121.3	5.3
December	280.7	-7.4	79.4	-24.5

^{g/} - Subsector of Non-metallic Mineral Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Basic metals		Iron and steel ^{h/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	245.8	-5.8	238.2	1.1
January	274.1	59.7	220.8	10.0
February	262.7	27.0	237.9	2.5
March	280.0	47.8	247.5	9.0
April	257.4	0.9	229.6	-4.3
May	247.8	-17.5	251.2	4.7
June	219.2	-32.7	260.2	4.1
July	209.1	-26.8	261.8	14.6
August	207.8	-35.7	239.7	-4.1
September	231.9	-17.9	230.0	-10.3
October	275.4	-1.0	239.9	-8.0
November	277.6	6.3	234.4	-2.0
December	207.0	-17.4	205.6	1.3
2015	260.9	-5.9	235.6	3.6
January	171.6	-36.5	200.8	-8.5
February	206.9	-31.8	232.1	-0.1
March	189.5	-29.1	227.0	5.0
April	255.1	-21.0	239.8	1.9
May	300.4	0.9	240.0	-0.1
June	325.8	24.0	249.9	6.3
July	285.5	0.4	228.5	1.8
August	323.2	12.2	249.9	13.9
September	282.6	-9.3	256.3	12.1
October	278.1	-5.2	260.6	8.4
November	261.1	11.9	239.2	6.5
December	250.6	30.3	202.9	-4.4

h/ - Subsector of Basic Metals

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Non-ferrous metals ^{h/}		Fabricated metal products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2014	264.0	-17.8	294.0	7.3
January	401.0	293.6	233.5	-19.6
February	321.9	119.2	215.3	-2.7
March	357.5	257.7	259.1	-9.1
April	323.7	11.1	288.0	-18.7
May	239.5	-46.1	296.2	22.6
June	121.4	-76.0	313.4	15.6
July	83.5	-80.2	325.5	20.0
August	131.9	-73.5	315.7	24.1
September	236.6	-31.4	440.8	42.8
October	360.2	12.6	299.3	6.5
November	380.6	21.4	293.2	13.1
December	210.4	-42.3	247.8	-0.6
2015	321.1	-19.0	274.0	41.2
January	101.9	-74.0	290.6	67.8
February	146.8	-69.0	221.3	42.3
March	100.0	-74.3	285.0	66.0
April	291.4	-45.2	354.3	85.9
May	444.6	2.3	241.6	28.9
June	506.5	54.1	271.2	44.1
July	421.4	-1.4	271.3	28.8
August	497.7	10.2	254.3	27.1
September	345.1	-32.2	308.6	47.9
October	319.9	-23.7	280.9	29.3
November	313.5	23.3	259.1	25.3
December	364.5	151.3	249.3	14.0

h/ - Subsector of Basic Metals

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Machinery excluding electrical		Machinery and equipment, n.e.c. ^{i/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	61.5	4.1	211.8	9.4
January	54.1	5.2	176.6	11.0
February	56.0	-3.0	183.7	-1.4
March	66.4	9.4	227.5	10.6
April	58.5	-2.2	205.1	2.5
May	61.4	-7.6	215.9	-3.6
June	63.6	6.6	229.8	19.2
July	61.7	3.9	214.9	8.8
August	60.9	8.5	207.9	14.1
September	66.5	12.0	227.5	15.8
October	62.6	-2.2	220.1	5.3
November	65.3	7.7	222.2	13.8
December	61.5	13.0	210.4	21.1
2014	59.1	10.7	193.5	13.5
January	51.4	38.8	159.1	51.9
February	57.8	42.6	186.3	57.6
March	60.7	13.8	205.6	14.4
April	59.8	7.1	200.1	6.4
May	66.4	14.7	224.0	18.7
June	59.6	7.7	192.8	9.5
July	59.3	4.7	197.6	6.8
August	56.1	7.5	182.3	12.5
September	59.3	0.8	196.4	6.5
October	64.0	6.5	209.0	7.7
November	60.7	6.0	195.2	6.3
December	54.4	-3.2	173.7	-4.2

^{i/} - Subsector of Machinery Excluding Electrical

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Office, accounting and computing machinery ^{i/}		Electrical machinery	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	19.0	-9.9	113.2	-5.3
January	19.4	-7.3	111.5	-0.7
February	19.9	-7.1	104.1	-8.1
March	20.8	5.7	109.9	-15.2
April	17.0	-15.7	107.2	-16.7
May	17.6	-19.2	107.2	-9.5
June	16.5	-24.6	119.3	-7.9
July	18.3	-9.5	128.5	8.4
August	19.3	-5.5	113.5	-3.3
September	20.9	1.7	126.0	6.7
October	18.0	-21.5	116.3	-4.3
November	20.9	-7.3	110.6	-2.0
December	19.4	-6.1	104.0	-9.0
2014	21.1	4.0	119.6	3.0
January	20.9	17.1	112.3	-3.4
February	21.4	15.5	113.2	7.4
March	19.7	12.2	129.6	13.6
April	20.1	9.1	128.7	12.5
May	21.8	4.4	118.4	7.6
June	21.9	3.5	129.6	8.1
July	20.2	-0.5	118.5	5.3
August	20.4	-3.3	117.5	1.1
September	20.5	-11.9	118.1	-8.0
October	23.0	3.6	121.6	-2.1
November	22.6	5.4	112.8	-3.2
December	20.6	-0.5	114.3	-0.9

^{i/} - Subsector of Machinery Excluding Electrical

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Electrical appliances ^{j/}		Wires and wiring ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	104.0	-17.2	106.4	-4.3
January	118.3	-4.5	99.2	-8.2
February	95.3	-24.5	108.1	2.9
March	60.4	-54.5	114.3	-6.3
April	98.9	-40.7	99.4	-18.5
May	89.6	-21.6	114.0	-8.4
June	112.2	-17.2	115.3	-6.8
July	146.1	17.9	109.4	-7.8
August	95.6	-21.0	101.7	-6.7
September	99.1	-10.4	104.5	10.9
October	103.8	-15.7	111.4	1.4
November	109.2	-4.5	108.9	1.4
December	120.1	4.5	90.9	1.0
2014	125.6	4.3	111.2	-0.5
January	123.8	9.6	108.0	-2.8
February	126.3	11.9	105.1	-3.8
March	132.7	19.8	122.0	3.9
April	166.9	41.0	122.0	11.2
May	114.2	-1.9	124.4	9.7
June	135.5	15.7	123.7	8.2
July	124.0	3.5	118.7	0.4
August	120.9	-2.4	109.0	-3.8
September	110.6	-13.7	94.3	-20.3
October	123.2	-9.5	109.9	-2.0
November	114.4	-12.5	107.4	3.0
December	114.9	-2.4	90.0	-9.3

^{j/} - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Batteries ^{j/}		Lamps and fixtures ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	10.3	9.0	117.6	7.6
January	7.6	-23.8	112.9	16.1
February	7.8	-11.0	117.1	4.8
March	11.8	46.9	121.0	-3.1
April	9.8	24.6	100.7	-6.7
May	10.7	40.5	107.3	17.6
June	11.1	17.9	112.2	8.6
July	14.0	71.8	122.0	13.9
August	10.3	11.9	108.5	0.5
September	11.5	19.3	141.7	24.8
October	10.9	-14.2	135.9	16.1
November	8.4	-25.3	120.1	2.1
December	9.1	-11.3	111.7	-0.4
2014	9.4	7.9	109.3	5.1
January	9.9	58.6	97.2	9.4
February	8.8	20.9	111.8	18.7
March	8.1	-3.0	124.9	23.6
April	7.9	13.2	108.0	14.9
May	7.6	-20.2	91.2	-4.8
June	9.4	-4.2	103.3	-4.9
July	8.1	-4.3	107.1	-10.3
August	9.2	0.4	107.9	2.3
September	9.6	-9.4	113.6	-5.7
October	12.8	33.5	117.1	-2.8
November	11.2	19.0	117.6	20.5
December	10.3	11.6	112.0	9.3

^{j/} - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Microcircuits ^{j/}		Transport equipment	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	119.2	-2.5	250.1	22.0
January	112.5	-0.6	203.1	5.0
February	108.0	-3.6	213.4	0.7
March	128.9	-3.0	239.1	10.8
April	114.2	-5.7	269.6	38.9
May	115.8	-8.1	272.3	47.0
June	126.0	-6.3	295.3	54.1
July	127.2	5.1	283.4	66.5
August	124.3	2.8	287.1	46.5
September	138.1	9.9	233.9	1.2
October	121.5	-3.0	241.6	18.1
November	112.8	-1.7	231.1	-5.7
December	100.6	-15.3	231.5	4.8
2014	122.2	2.4	205.0	2.2
January	113.1	-9.0	193.3	0.2
February	112.0	5.1	212.0	-4.8
March	132.9	11.1	215.7	3.4
April	121.1	2.0	194.2	-2.6
May	126.0	12.5	185.2	-0.9
June	134.5	7.0	191.6	15.4
July	121.0	8.5	170.3	-17.4
August	120.9	2.6	196.0	7.0
September	125.7	-5.6	231.1	7.8
October	125.2	0.9	204.6	0.3
November	114.8	-2.2	245.1	15.9
December	118.7	-1.2	221.0	4.9

^{j/} - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Furniture and fixtures		Other manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	62.9	-8.4	140.1	21.4
January	74.6	-3.7	110.8	-12.7
February	69.7	-3.0	116.6	-6.4
March	59.7	0.7	145.3	10.1
April	62.2	9.2	121.7	5.0
May	70.6	17.3	127.3	11.3
June	61.4	-2.6	143.2	21.7
July	55.4	-8.3	155.0	49.7
August	55.8	-25.1	178.0	70.4
September	59.6	-16.3	154.4	40.5
October	65.1	-8.6	153.0	27.0
November	58.4	-21.2	137.7	29.7
December	62.4	-25.5	138.1	26.9
2014	68.7	-2.8	115.4	-5.9
January	77.5	25.8	126.9	11.5
February	71.9	27.2	124.6	4.0
March	59.4	-7.9	132.0	3.3
April	57.0	-17.1	115.9	-3.1
May	60.2	-15.9	114.3	-5.0
June	63.0	-10.8	117.7	-13.1
July	60.3	-12.7	103.5	-23.4
August	74.5	12.2	104.4	-10.3
September	71.2	-0.6	109.9	-19.2
October	71.3	-16.6	120.5	-1.2
November	74.0	-4.0	106.2	-6.5
December	83.8	-0.9	108.8	-2.2

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Total manufacturing		Food manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	137.2	-0.3	108.9	-13.3
January	106.7	-2.1	102.8	-17.1
February	109.9	-5.2	102.3	-17.2
March	127.3	5.1	123.7	-1.9
April	128.6	1.4	114.5	-7.5
May	133.8	-2.9	105.0	-18.6
June	140.3	-2.2	109.3	-14.5
July	143.2	2.9	101.5	-15.8
August	140.7	0.6	98.8	-15.2
September	149.3	-1.5	106.1	-16.9
October	155.9	-2.2	113.8	-15.7
November	156.4	0.4	112.5	-14.1
December	155.1	1.6	116.6	-4.6
2014	137.7	4.6	125.6	-2.4
January	108.9	5.0	124.1	0.3
February	115.9	10.5	123.5	3.4
March	121.1	4.9	126.1	-1.4
April	126.7	2.1	123.8	-8.9
May	137.7	9.2	128.9	1.3
June	143.5	11.9	127.9	-0.6
July	139.1	4.0	120.5	1/
August	139.9	2.8	116.4	-8.5
September	151.5	2.6	127.7	-3.5
October	159.4	6.2	135.0	4.9
November	155.7	2.2	131.0	-3.3
December	152.7	-2.5	122.2	-10.8

1/ - less than 0.1 percent increase

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Processed meat and fish ^{a/}		Processed fruits and vegetables ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	73.5	-5.3	92.6	25.9
January	59.0	-27.9	72.1	54.0
February	64.9	-8.1	80.4	78.1
March	71.8	-8.9	86.8	66.2
April	70.7	-2.2	100.0	67.6
May	72.7	-2.1	87.7	15.6
June	74.7	-1.2	96.2	19.0
July	73.6	3.0	86.7	9.7
August	69.5	-4.8	83.4	21.3
September	75.7	-4.7	105.1	1.8
October	89.0	5.7	105.1	-4.3
November	79.9	-6.8	110.4	32.5
December	80.4	-4.4	97.9	25.2
2014	77.6	-2.8	73.6	-29.2
January	81.8	23.2	46.8	-17.2
February	70.6	3.0	45.2	-30.6
March	78.9	12.5	52.2	-14.8
April	72.3	-11.1	59.6	-31.3
May	74.3	-8.3	75.9	-21.7
June	75.6	-3.1	80.9	-19.5
July	71.4	-5.3	79.0	-20.0
August	73.1	-9.1	68.7	-40.9
September	79.4	-2.8	103.2	-29.8
October	84.3	1.5	109.8	-17.5
November	85.7	-6.2	83.3	-44.3
December	84.1	-16.4	78.2	-42.5

a/ - Subsector of Food Manufacturing

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Vegetable/animal oils and fats ^{a/}		Dairy products ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	43.8	-19.2	157.3	0.3
January	48.9	14.2	145.7	1.3
February	46.5	-14.6	147.0	-13.3
March	51.1	-1.0	173.1	6.7
April	43.6	-21.7	158.8	-7.7
May	38.3	-24.9	154.7	-1.5
June	44.2	-31.6	152.1	-0.2
July	49.6	-8.7	139.1	-8.6
August	36.3	-34.1	158.4	5.1
September	43.2	-20.1	160.6	4.6
October	43.4	-39.4	171.8	8.0
November	39.1	-17.4	163.4	-3.0
December	41.0	-13.3	162.3	15.5
2014	54.2	0.4	156.8	9.1
January	42.9	-26.9	143.9	6.4
February	54.4	17.4	169.5	12.5
March	51.6	-8.5	162.2	2.2
April	55.6	-10.5	172.0	2.5
May	51.0	32.7	157.1	-0.1
June	64.6	-6.4	152.5	13.3
July	54.3	-12.5	152.3	15.6
August	55.0	-2.3	150.8	16.7
September	54.1	33.8	153.5	12.9
October	71.7	31.2	159.1	12.2
November	47.3	-17.3	168.4	12.2
December	47.3	3.3	140.5	6.8

a/ - Subsector of Food Manufacturing

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Rice, corn and flour milling ^{a/}		Animal feeds ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	106.7	11.1	134.6	-14.3
January	109.3	12.1	152.6	-4.0
February	103.4	9.0	120.6	-6.2
March	110.0	15.0	132.8	-5.7
April	102.3	15.0	137.7	-9.9
May	102.9	7.7	131.4	-16.4
June	107.4	16.9	141.0	-7.4
July	107.0	11.6	136.9	-13.4
August	102.8	0.4	135.6	-17.6
September	108.5	5.0	135.3	-20.8
October	109.2	2.5	133.3	-20.6
November	107.5	42.2	133.5	-23.8
December	110.3	5.6	124.3	-20.6
2014	96.0	-4.7	157.0	4.4
January	97.5	-3.7	158.9	3.9
February	94.9	-5.8	128.5	-0.8
March	95.7	-6.6	140.9	-4.3
April	88.9	-9.4	152.9	-1.0
May	95.5	-9.6	157.2	5.3
June	91.9	-5.0	152.3	4.5
July	95.8	-6.1	158.1	5.3
August	102.4	4.8	164.6	8.1
September	103.3	1.7	170.9	8.6
October	106.6	4.7	167.8	9.4
November	75.5	-24.5	175.2	15.5
December	104.5	3.1	156.4	-1.9

a/ - Subsector of Food Manufacturing

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Bakery products ^{a/}		Sugar ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	281.6	10.0	177.4	1.0
January	267.3	3.4	175.0	-26.7
February	252.3	7.8	190.7	-15.0
March	282.5	15.2	316.8	40.6
April	250.0	8.4	253.0	30.7
May	268.3	4.8	150.9	-27.5
June	275.8	12.7	177.4	-9.9
July	294.9	14.1	109.8	-16.3
August	283.8	9.2	95.7	-5.4
September	293.8	9.5	119.4	0.7
October	300.9	7.9	143.4	6.5
November	294.8	12.9	170.8	4.9
December	315.2	14.0	225.6	31.2
2014	256.0	8.9	175.6	-4.5
January	258.6	16.2	238.9	0.3
February	234.1	8.4	224.5	21.0
March	245.2	9.8	225.2	-3.5
April	230.7	1.4	193.6	-12.3
May	256.0	10.4	208.2	42.9
June	244.7	5.5	196.8	-2.0
July	258.6	9.4	131.2	25.1
August	259.8	5.6	101.1	-39.9
September	268.2	15.9	118.6	-46.9
October	278.9	12.2	134.6	0.9
November	261.1	3.5	162.8	-2.8
December	276.6	9.5	172.0	-6.9

a/ - Subsector of Food Manufacturing

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Coconut products ^{a/}		Miscellaneous foods ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	145.1	-0.4	80.1	-58.4
January	153.1	30.5	76.9	-58.5
February	127.8	-17.2	73.7	-59.2
March	165.1	14.6	83.5	-54.9
April	146.7	4.2	87.9	-51.2
May	137.3	-7.0	87.9	-54.9
June	168.9	15.8	79.9	-57.1
July	153.8	7.7	77.0	-58.1
August	150.8	-5.7	73.4	-57.0
September	135.8	-5.8	74.7	-65.0
October	128.5	-19.0	83.9	-61.1
November	132.8	-16.3	85.7	-61.5
December	140.7	4.6	77.2	-59.6
2014	145.7	0.6	192.5	-2.5
January	117.3	35.8	185.2	-3.0
February	154.3	30.6	180.6	-2.3
March	144.0	16.7	185.0	0.1
April	140.8	15.5	180.0	-10.8
May	147.7	-7.9	194.9	-5.0
June	145.8	-7.7	186.3	-2.1
July	142.7	-14.1	184.0	-6.2
August	159.8	1.7	170.9	-13.7
September	144.2	-19.3	213.4	11.5
October	158.6	-9.8	215.8	8.0
November	158.6	12.0	222.8	11.8
December	134.5	-10.3	191.1	-15.4

a/ - Subsector of Food Manufacturing

2/ - less than 0.1 percent decrease

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Beverages		Tobacco products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	121.1	19.7	14.5	12.4
January	118.3	12.3	12.4	-11.3
February	109.2	22.8	11.7	2.1
March	129.4	35.8	13.7	28.7
April	124.1	27.4	13.3	10.3
May	123.0	15.7	13.8	8.2
June	120.8	10.9	14.4	12.5
July	103.8	10.2	14.2	11.6
August	109.9	15.3	14.6	12.5
September	122.9	21.3	16.0	23.9
October	123.5	18.0	16.5	11.0
November	128.8	18.4	17.0	39.5
December	139.9	29.2	16.9	6.4
2014	101.2	4.2	12.9	-5.9
January	105.4	13.9	14.0	13.1
February	88.9	1.2	11.4	13.4
March	95.3	-3.1	10.6	-0.4
April	97.4	-9.4	12.0	-19.1
May	106.3	-1.1	12.7	-29.3
June	109.0	-4.5	12.8	-7.0
July	94.2	2.9	12.7	-7.9
August	95.3	6.9	13.0	-4.4
September	101.3	6.3	12.9	-1.5
October	104.7	8.2	14.9	-4.9
November	108.8	9.5	12.2	-18.2
December	108.3	25.4	15.9	12.7

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Textiles		Textile products ^{b/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	68.8	-3.3	70.5	-4.0
January	67.5	-12.0	69.6	-13.7
February	69.6	-1.0	71.5	-3.5
March	75.7	2.0	78.2	2.5
April	67.5	7.6	69.6	9.0
May	83.6	1.8	87.8	1.7
June	82.1	0.7	85.8	0.1
July	76.0	3.6	78.1	1.9
August	62.7	-2.3	63.4	-3.5
September	67.2	-4.4	69.0	-4.7
October	63.9	-7.6	65.3	-7.2
November	55.3	-15.4	55.2	-17.2
December	54.0	-14.4	52.7	-16.1
2014	71.1	28.5	73.4	30.3
January	76.7	36.6	80.7	39.2
February	70.3	31.4	74.1	39.3
March	74.2	38.3	76.3	41.0
April	62.7	15.5	63.8	18.2
May	82.1	30.2	86.3	32.7
June	81.5	37.9	85.8	41.8
July	73.3	20.3	76.7	23.7
August	64.1	28.0	65.6	31.7
September	70.3	24.2	72.4	23.8
October	69.1	28.8	70.3	29.3
November	65.4	29.0	66.6	27.4
December	63.1	21.8	62.8	15.1

b/ - Subsector of Textiles

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Cordage, rope and twine ^{b/}		Footwear and wearing apparel	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	48.6	-19.8	23.1	-6.1
January	45.7	-16.4	19.5	-21.5
February	48.6	0.3	20.1	-21.3
March	48.7	-28.2	22.8	-15.0
April	44.6	-29.6	22.9	11.2
May	42.0	-27.4	25.9	6.9
June	44.3	-22.1	23.0	-6.5
July	51.8	-6.2	23.2	1.1
August	51.8	-15.4	21.5	-13.2
September	47.1	-25.7	23.4	5.5
October	47.0	-32.7	23.4	-8.2
November	51.4	-20.8	22.2	-4.8
December	60.4	-4.5	29.3	-1.5
2014	60.6	12.8	24.6	-20.8
January	54.7	10.7	24.9	-21.9
February	48.5	-23.9	25.5	-17.7
March	67.8	19.2	26.8	-16.0
April	63.4	0.3	20.6	-22.3
May	57.9	6.1	24.2	-20.0
June	56.9	3.6	24.6	-22.2
July	55.3	-7.8	23.0	-13.1
August	61.3	5.6	24.7	-31.8
September	63.3	29.7	22.2	-16.5
October	69.8	27.6	25.5	-11.1
November	64.9	48.5	23.3	-25.6
December	63.2	73.2	29.7	-26.0

b/ - Subsector of Textiles

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Leather products		Wood and wood products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	4.0	1.5	113.5	17.2
January	2.1	-41.7	74.3	-32.2
February	3.4	-13.2	87.5	1.5
March	4.0	43.0	107.9	22.5
April	3.7	14.6	113.8	35.3
May	3.7	-2.9	105.3	2.9
June	4.6	14.4	124.0	33.7
July	4.3	-5.6	129.6	30.6
August	3.9	-4.2	124.7	38.0
September	4.4	17.5	106.1	6.5
October	4.4	-1.0	138.0	30.3
November	5.0	6.3	129.6	4.5
December	5.0	2.2	121.1	51.5
2014	4.0	10.9	96.8	1.0
January	3.6	28.8	109.6	23.1
February	3.9	24.3	86.2	-8.6
March	2.8	-20.0	88.1	-25.6
April	3.2	5.7	84.1	-4.6
May	3.8	11.3	102.4	19.5
June	4.1	17.1	92.7	-1.3
July	4.6	15.8	99.2	12.0
August	4.1	13.6	90.4	-18.8
September	3.7	-7.8	99.6	-4.5
October	4.5	13.1	105.9	4.4
November	4.7	17.4	124.0	34.8
December	4.9	15.9	79.9	-4.6

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Planing and sawmill ^{c/}		Veneer and plywood ^{c/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	70.6	-0.2	22.4	-20.2
January	51.3	-40.0	20.1	-31.3
February	59.1	-4.6	19.8	-31.3
March	70.6	6.8	21.9	-33.1
April	70.4	0.1	24.7	-19.6
May	64.5	-11.4	18.1	-41.5
June	75.3	16.9	24.2	-24.8
July	82.8	28.9	23.5	-26.6
August	80.3	25.6	24.8	-15.2
September	63.9	-8.9	17.4	-27.7
October	83.0	-3.3	24.9	12.6
November	75.3	-10.2	26.5	12.0
December	70.2	17.8	22.9	9.8
2014	70.7	5.7	28.0	-18.6
January	85.5	38.2	29.3	-21.7
February	62.0	-13.5	28.8	-7.7
March	66.2	-25.6	32.7	-10.5
April	70.4	12.7	30.8	-4.4
May	72.8	27.5	30.9	-6.2
June	64.4	7.1	32.2	2.4
July	64.2	-6.4	32.0	1/
August	64.0	-19.4	29.2	-16.9
September	70.1	-2.7	24.1	-39.1
October	85.9	27.3	22.1	-42.9
November	83.9	42.3	23.6	-34.6
December	59.6	9.2	20.9	-31.2

1/ - less than 0.1 percent increase

2/ - less than 0.1 percent decrease

c/ - Subsector of Wood and Wood Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Other wood products ^{c/}		Paper and paper products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	83.2	22.3	73.5	0.9
January	51.8	-20.4	73.2	0.6
February	54.0	-15.9	72.4	6.8
March	71.7	28.2	76.6	2.5
April	83.7	143.3	71.5	1.7
May	80.7	4.7	74.7	3.2
June	96.9	40.1	67.6	-5.8
July	86.5	-2.3	70.5	-1.9
August	82.8	27.0	65.4	-9.7
September	90.9	17.3	72.4	-7.9
October	98.8	88.1	75.1	-6.4
November	97.8	-9.4	80.5	1.7
December	103.5	73.3	82.2	31.4
2014	68.1	1.2	72.9	5.2
January	65.0	10.0	72.8	5.3
February	64.2	24.5	67.8	-7.1
March	55.9	-17.8	74.8	19.6
April	34.4	-41.0	70.3	3.6
May	77.0	18.4	72.4	1.2
June	69.1	-16.6	71.8	5.3
July	88.5	98.4	71.9	1.9
August	65.2	-16.8	72.4	8.0
September	77.5	3.9	78.7	10.5
October	52.5	-33.7	80.2	8.0
November	107.9	41.5	79.2	12.1
December	59.7	-14.0	62.5	-4.4

c/ - Subsector of Wood and Wood Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Printing		Petroleum products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	56.2	-49.1	74.8	-6.0
January	50.0	8.5	80.0	4.0
February	41.4	-30.2	73.8	2.8
March	57.0	-26.9	76.5	-4.1
April	43.5	-41.5	77.3	-4.6
May	53.4	-50.9	76.0	-14.8
June	57.2	-44.5	76.4	-10.7
July	58.5	-44.8	86.3	10.9
August	60.5	-47.7	74.0	-8.8
September	53.3	-58.9	70.2	-8.9
October	62.1	-59.0	72.6	-13.2
November	64.0	-61.6	65.6	-11.9
December	73.9	-60.1	68.6	-10.4
2014	110.4	143.7	79.6	12.1
January	46.0	17.9	77.0	11.9
February	59.4	52.6	71.8	13.8
March	78.0	116.7	79.8	12.2
April	74.4	79.9	81.0	12.2
May	108.6	153.7	89.1	18.6
June	103.0	147.1	85.5	24.1
July	106.0	114.0	77.8	5.4
August	115.7	117.5	81.1	16.1
September	129.8	114.6	77.0	10.7
October	151.5	187.7	83.6	9.4
November	166.8	251.5	74.5	6.1
December	185.3	357.8	76.7	5.2

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Refined petroleum products ^{d/}		Coke and other fuel products ^{d/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	74.2	-6.9	153.4	29.6
January	79.6	3.3	128.2	-2.3
February	73.3	1.9	139.0	29.2
March	75.9	-5.1	160.6	48.0
April	76.7	-5.6	141.2	26.9
May	75.2	-15.7	170.1	30.8
June	75.7	-11.7	164.9	56.9
July	85.5	9.8	183.0	65.8
August	73.3	-9.8	160.6	40.6
September	69.5	-9.8	165.4	22.3
October	72.0	-14.0	133.6	-2.5
November	65.0	-12.8	148.2	22.7
December	68.1	-10.5	145.9	34.6
2014	79.7	12.0	118.3	2.8
January	77.1	11.9	131.2	5.2
February	71.9	13.9	107.6	-9.5
March	79.9	12.2	108.5	-0.7
April	81.2	12.3	111.3	-13.1
May	89.3	18.6	130.0	21.3
June	85.7	24.1	105.1	13.6
July	77.9	5.4	110.3	-1.9
August	81.3	16.1	114.3	-3.6
September	77.1	10.7	135.2	-0.2
October	83.7	9.4	137.1	26.4
November	74.6	6.1	120.8	-1.0
December	76.1	4.3	108.4	4.0

2/ - less than 0.1 percent decrease

d/ - Subsector of Petroleum Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Chemical and chemical products		Basic chemicals ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	314.7	-8.8	115.1	32.6
January	116.7	-0.6	90.6	16.4
February	151.8	-25.0	111.3	35.9
March	195.9	4.9	135.1	47.9
April	214.4	-10.4	113.0	34.4
May	263.6	-9.0	135.0	42.3
June	305.3	-8.5	122.4	43.8
July	329.4	-8.8	111.5	40.6
August	357.2	-5.9	90.6	-8.8
September	408.6	-15.4	123.0	78.8
October	454.6	-11.1	127.4	58.6
November	486.4	-5.2	98.7	-6.2
December	492.4	-6.2	122.5	31.5
2014	345.2	-2.6	86.8	16.0
January	117.3	-2.3	77.9	8.9
February	202.3	33.2	81.9	11.4
March	186.7	-8.4	91.4	22.5
April	239.3	-4.8	84.1	0.2
May	289.7	-0.5	94.9	53.4
June	333.6	2.1	85.1	40.8
July	361.2	-3.3	79.3	-7.7
August	379.5	-7.4	99.3	40.6
September	483.1	2.6	68.8	1.7
October	511.1	1.7	80.4	-14.1
November	513.1	-7.4	105.1	45.7
December	525.2	-11.8	93.1	14.2

e/ - Subsector of Chemical and Chemical Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Fertilizers and pesticides ^{e/}		Paint products ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	83.9	2.0	107.1	-4.2
January	100.0	6.1	117.8	40.7
February	104.9	30.0	103.4	9.4
March	58.9	-8.4	111.1	13.1
April	54.4	-12.5	105.6	7.5
May	67.2	-19.1	111.3	-4.2
June	93.5	14.3	116.9	-7.7
July	100.3	6.0	122.5	-3.7
August	101.3	15.2	93.0	-29.1
September	84.2	-4.4	95.2	-18.0
October	68.9	-14.1	111.9	-6.1
November	78.5	-4.2	99.7	-18.7
December	94.1	7.3	96.9	-9.7
2014	82.2	-33.9	111.8	29.6
January	94.2	-20.9	83.7	-5.2
February	80.7	-24.8	94.5	15.3
March	64.3	-24.9	98.2	21.8
April	62.2	-51.1	98.2	0.5
May	83.1	-36.9	116.2	17.7
June	81.8	-33.8	126.7	40.9
July	94.6	-39.2	127.3	38.5
August	88.0	-29.0	131.2	76.9
September	88.1	-28.7	116.2	41.7
October	80.3	-31.2	119.1	33.3
November	82.0	-36.8	122.6	44.0
December	87.7	-40.9	107.3	43.0

e/ - Subsector of Chemical and Chemical Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Pharmaceuticals and medical products ^{e/}		Cosmetics and toilet preparations ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	775.5	11.5	188.6	-50.6
January	107.3	-17.7	147.4	9.3
February	217.7	-36.9	146.6	-32.8
March	356.2	54.8	175.3	-35.4
April	458.4	7.5	161.7	-44.2
May	583.2	7.6	189.7	-42.7
June	722.7	11.3	200.7	-47.1
July	798.9	10.8	198.9	-51.5
August	925.9	28.5	206.6	-55.1
September	1079.4	12.3	220.3	-65.1
October	1222.3	14.9	247.3	-59.8
November	1353.5	11.3	259.7	-40.5
December	1480.7	10.3	108.8	-72.8
2014	695.6	1.3	381.6	-13.8
January	130.4	31.4	134.9	-16.1
February	345.1	85.1	218.0	6.4
March	230.1	-27.1	271.4	-2.6
April	426.5	8.7	289.7	-13.8
May	541.8	8.3	331.3	-16.2
June	649.1	4.7	379.6	-9.8
July	720.9	0.3	410.4	-13.1
August	720.5	-14.6	460.0	-11.5
September	960.9	-1.2	631.6	10.1
October	1063.8	-0.5	615.3	2.0
November	1216.4	0.6	436.7	-32.6
December	1342.3	2.3	400.1	-42.6

e/ - Subsector of Chemical and Chemical Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Miscellaneous chemicals ^{e/}		Rubber and plastic products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	239.5	-13.9	119.4	11.3
January	197.7	-10.6	103.4	6.2
February	235.2	-9.0	109.9	8.2
March	212.8	-33.4	118.5	11.7
April	203.3	-14.4	113.9	14.6
May	231.5	-9.7	116.4	9.5
June	224.7	-23.5	120.4	9.7
July	291.2	0.6	124.7	15.6
August	264.9	-13.2	119.0	6.0
September	276.2	-16.4	125.3	11.8
October	246.2	-20.7	127.0	8.7
November	232.6	-11.1	127.9	12.5
December	257.4	1.5	126.5	21.4
2014	278.1	5.0	107.3	10.0
January	221.2	-13.3	97.4	11.5
February	258.6	10.8	101.6	14.7
March	319.4	24.4	106.0	19.1
April	237.6	-25.0	99.4	1.2
May	256.3	-16.2	106.3	13.1
June	293.7	-0.7	109.7	9.5
July	289.5	10.8	107.9	5.1
August	305.3	33.1	112.2	10.5
September	330.4	-1.2	112.1	11.7
October	310.6	45.1	116.9	22.2
November	261.5	6.0	113.7	1.6
December	253.6	10.5	104.2	3.8

e/ - Subsector of Chemical and Chemical Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Rubber products ^{f/}		Plastic products ^{f/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	224.7	15.9	93.2	16.3
January	211.5	30.3	78.9	7.5
February	206.5	19.5	86.3	13.0
March	224.4	15.8	93.0	18.9
April	205.5	24.6	90.7	20.3
May	196.3	7.5	94.3	17.7
June	235.0	15.2	93.8	15.7
July	232.6	17.3	97.0	21.0
August	227.6	5.8	92.1	11.5
September	248.8	31.9	95.8	12.3
October	229.1	2.0	99.5	16.1
November	247.2	26.4	98.5	14.7
December	232.2	3.6	98.6	27.2
2014	193.9	14.3	80.1	9.1
January	162.3	13.4	73.4	8.7
February	172.9	6.0	76.3	14.8
March	193.8	13.6	78.2	18.3
April	165.0	-2.6	75.4	1.7
May	182.6	9.1	80.1	13.9
June	204.0	2.9	81.0	11.5
July	198.2	7.5	80.2	4.7
August	215.1	31.5	82.6	6.2
September	188.6	13.2	85.3	11.8
October	224.7	41.5	85.7	17.9
November	195.6	2.2	85.8	1.8
December	224.1	41.2	77.5	0.7

2/ - less than 0.1 percent decrease

f/ - Subsector of Rubber and Plastic Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Non-metallic mineral products		Glass and glass products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	170.0	13.9	126.6	7.5
January	148.6	9.8	105.2	-13.2
February	154.2	10.4	119.9	12.1
March	182.4	14.0	124.2	8.5
April	163.2	7.5	119.6	29.2
May	186.2	14.7	128.0	17.9
June	177.3	22.0	125.9	34.2
July	175.7	21.1	122.1	28.4
August	183.4	30.2	125.1	29.4
September	169.5	17.5	120.3	1.2
October	170.9	-6.0	136.9	-10.8
November	166.4	8.6	155.4	-8.4
December	162.1	22.7	136.8	-3.7
2014	149.3	4.8	117.8	-6.8
January	135.3	7.0	121.2	13.6
February	139.7	9.4	107.0	-22.6
March	159.9	18.7	114.4	12.6
April	151.7	-2.8	92.6	-25.3
May	162.3	6.5	108.6	-2.8
June	145.3	-1.5	93.8	-27.2
July	145.0	-4.5	95.1	-27.3
August	140.9	4.0	96.7	-4.8
September	144.3	0.9	118.8	2.1
October	181.8	18.8	153.5	-1.3
November	153.2	10.6	169.7	7.7
December	132.1	-7.2	142.0	-1.4

2/ - less than 0.1 percent decrease

g/ - Subsector of Non-metallic Mineral Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Cement ^{g/}		Miscellaneous non-metallic mineral products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	196.9	9.7	105.7	11.2
January	168.8	4.7	99.9	17.8
February	182.7	8.8	86.4	-6.2
March	218.0	7.5	106.3	19.5
April	195.1	1.3	90.9	3.6
May	226.4	7.8	98.6	15.7
June	211.6	13.7	100.0	21.8
July	208.7	14.5	101.0	16.5
August	209.1	19.4	126.0	52.3
September	193.0	11.8	114.3	24.1
October	191.0	7.4	115.5	-41.3
November	185.5	6.1	104.6	8.7
December	172.4	14.3	124.7	91.9
2014	179.5	0.4	95.0	22.4
January	161.2	-6.9	84.8	87.5
February	167.9	2.8	92.1	70.2
March	202.8	12.8	88.9	44.6
April	192.7	-6.0	87.7	24.2
May	209.9	5.5	85.2	12.6
June	186.0	2.0	82.1	-5.4
July	182.2	-6.2	86.7	9.3
August	175.1	4.7	82.7	-6.8
September	172.5	0.2	92.1	-3.9
October	177.8	-1.0	196.8	98.6
November	174.8	10.9	96.3	5.2
December	150.8	-12.0	65.0	-22.3

g/ - Subsector of Non-metallic Mineral Products

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Basic metals		Iron and steel ^{h/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	139.6	4.0	131.6	8.5
January	146.8	65.9	117.9	13.8
February	142.0	36.7	126.7	5.9
March	154.5	62.1	135.4	16.4
April	142.0	9.1	125.2	1.8
May	134.6	-12.5	137.5	11.7
June	121.8	-27.1	143.7	12.2
July	122.4	-16.2	145.4	24.0
August	123.5	-25.7	133.9	4.1
September	136.3	-5.9	129.1	-2.5
October	162.0	11.4	134.9	0.0
November	164.6	20.0	132.8	7.0
December	125.2	-5.6	117.4	11.0
2014	134.2	3.1	121.4	7.9
January	88.4	-24.8	103.6	-2.9
February	103.8	-21.9	119.6	6.1
March	95.3	-22.7	116.4	10.5
April	130.1	-12.6	122.9	6.9
May	153.9	6.0	123.1	3.2
June	167.1	31.2	128.0	9.1
July	146.1	4.4	117.3	4.4
August	166.2	20.2	128.6	17.2
September	144.8	-3.6	132.4	15.8
October	145.4	5.3	134.9	13.3
November	137.1	24.3	124.1	10.7
December	132.5	47.2	105.7	-0.4

h/ - Subsector of basic metals

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Non-ferrous metals ^{h/}		Fabricated metal products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	154.3	-6.9	213.7	7.6
January	215.5	310.6	170.9	-16.8
February	177.0	145.0	158.1	0.6
March	199.2	302.0	189.8	-7.0
April	181.2	22.3	210.7	-16.6
May	128.9	-43.3	216.9	21.4
June	67.9	-73.9	228.8	18.4
July	52.1	-75.8	236.9	17.2
August	84.3	-67.0	228.1	21.5
September	147.0	-16.5	318.2	41.2
October	223.5	32.6	216.4	6.3
November	238.4	43.5	211.4	11.4
December	136.2	-30.6	178.0	-2.5
2014	165.7	-7.4	198.5	47.6
January	52.5	-66.3	205.3	72.9
February	72.2	-62.2	157.1	48.2
March	49.6	-71.2	204.0	74.2
April	148.2	-36.8	252.7	92.7
May	227.5	8.8	178.6	38.1
June	260.1	66.8	193.2	48.8
July	215.3	3.7	202.1	38.5
August	255.8	21.6	187.8	33.5
September	175.9	-26.3	225.3	55.3
October	168.5	-11.4	203.6	34.9
November	166.1	44.0	189.8	30.6
December	196.3	204.1	182.6	18.5

h/ - Subsector of Basic Metals

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Machinery excluding electrical		Machinery and equipment, n.e.c. ^{i/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	57.8	3.9	119.8	30.1
January	50.6	2.9	86.3	11.1
February	53.3	-4.3	103.8	17.1
March	62.1	7.0	126.8	31.2
April	54.9	2.1	115.4	24.0
May	57.1	-4.6	122.3	16.1
June	60.9	8.4	129.8	41.3
July	58.5	3.3	120.9	28.9
August	57.1	7.1	119.7	37.5
September	62.0	12.9	131.5	39.6
October	58.6	-3.4	127.8	28.0
November	61.3	6.8	130.9	40.4
December	57.5	10.6	122.0	47.0
2014	55.6	20.8	92.0	11.0
January	49.1	53.3	77.6	53.3
February	55.7	58.6	88.6	55.9
March	58.0	25.9	96.6	11.3
April	53.8	12.2	93.1	2.4
May	59.9	23.3	105.3	14.7
June	56.2	19.3	91.8	6.8
July	56.6	17.6	93.8	4.2
August	53.3	22.7	87.1	10.7
September	54.9	9.1	94.2	4.8
October	60.7	15.5	99.9	5.0
November	57.4	11.8	93.2	3.9
December	52.0	4.4	83.0	-6.3

i/ - Subsector of Machinery Excluding Electrical

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Office, accounting and computing machinery ^{i/}		Electrical machinery	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	19.5	-12.2	93.6	12.8
January	20.1	-9.9	81.2	6.7
February	20.6	-10.5	80.6	4.5
March	21.2	-20.6	84.3	-3.2
April	17.4	-31.3	91.8	3.9
May	17.9	-36.9	91.7	8.0
June	17.3	-38.7	100.4	11.7
July	19.0	-31.9	110.6	31.0
August	19.7	-29.4	97.9	18.8
September	21.1	-17.4	105.6	29.1
October	18.3	-24.7	98.7	18.4
November	21.3	-10.7	93.5	17.9
December	19.7	-10.4	87.2	6.9
2014	22.2	15.0	83.0	0.6
January	22.3	30.5	76.1	-9.2
February	23.1	30.1	77.1	1.7
March	21.1	25.8	87.1	6.8
April	20.2	15.5	88.3	8.3
May	21.9	13.6	84.9	9.9
June	23.0	16.3	89.8	6.2
July	21.6	13.5	84.5	5.1
August	21.7	12.3	82.4	1.7
September	21.1	-3.6	81.8	-10.2
October	24.3	13.6	83.4	-6.7
November	23.9	12.1	79.4	-3.6
December	22.0	8.0	81.6	-0.2

i/ - Subsector of Machinery Excluding Electrical

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Electrical appliances ^{j/}		Wires and wiring ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	76.1	-15.2	85.6	24.7
January	87.0	-2.4	64.4	-1.7
February	71.2	-21.1	84.8	33.3
March	44.7	-52.3	86.5	15.7
April	73.8	-38.4	83.2	9.7
May	66.1	-21.4	89.9	15.5
June	81.9	-15.2	92.8	19.2
July	106.2	19.7	91.1	25.6
August	68.8	-20.2	85.1	28.2
September	71.7	-8.2	87.4	52.7
October	75.7	-13.5	93.5	36.2
November	79.6	-1.9	91.8	36.9
December	86.8	6.0	76.7	35.2
2014	89.8	3.5	68.7	5.8
January	89.1	8.8	65.6	3.3
February	90.3	10.2	63.6	2.4
March	93.8	16.6	74.8	8.5
April	119.8	39.6	75.9	18.4
May	84.1	0.2	77.8	19.2
June	96.6	14.6	77.8	13.7
July	88.7	2.5	72.5	3.5
August	86.2	-3.0	66.4	-1.5
September	78.1	-15.0	57.3	-18.2
October	87.5	-10.3	68.6	12.9
November	81.1	-13.2	67.0	18.2
December	81.9	-2.7	56.7	-7.4

j/ - Subsector of Electrical Machinery

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Batteries ^{j/}		Lamps and fixtures ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	7.0	7.6	83.8	30.5
January	5.1	-24.7	67.7	19.2
February	5.3	-12.1	84.2	28.9
March	8.1	45.1	88.2	20.8
April	6.7	23.0	73.2	15.9
May	7.3	38.8	78.3	46.3
June	7.5	16.4	81.0	32.9
July	9.5	69.7	88.3	38.3
August	7.0	10.5	78.3	21.0
September	7.8	17.9	101.8	52.8
October	7.4	-15.3	97.1	40.9
November	5.7	-26.3	86.5	26.7
December	6.2	-12.4	80.7	23.9
2014	6.5	-0.2	64.2	-1.9
January	6.8	46.6	56.8	-2.5
February	6.0	11.8	65.3	5.7
March	5.6	-10.3	73.0	9.8
April	5.4	4.7	63.2	3.2
May	5.2	-26.2	53.5	-13.2
June	6.5	-11.4	61.0	-9.1
July	5.6	-11.5	63.8	-13.5
August	6.3	-7.2	64.7	0.6
September	6.6	-16.2	66.6	-8.9
October	8.8	23.4	68.9	-6.9
November	7.7	10.0	68.3	13.9
December	7.1	3.1	65.2	2.4

^{j/} - Subsector of Electrical Machinery

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Microcircuits ^{j/}		Transport equipment	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	101.6	17.0	211.1	23.4
January	84.4	8.0	168.6	3.9
February	84.8	8.9	177.4	1.0
March	100.0	10.1	201.7	13.8
April	101.0	19.2	229.0	42.2
May	102.7	10.6	230.3	50.8
June	109.6	15.1	252.8	57.2
July	113.6	28.2	238.4	67.2
August	111.2	28.0	242.7	47.0
September	119.5	33.9	197.3	2.3
October	106.8	21.9	202.7	16.8
November	98.6	18.9	193.8	-5.5
December	87.0	-0.5	197.8	7.7
2014	86.9	-0.1	171.0	2.4
January	78.1	-15.0	162.4	0.5
February	77.8	-0.9	175.7	-3.7
March	90.8	4.0	177.2	4.7
April	84.8	-2.0	161.1	-3.9
May	92.9	15.7	152.8	-2.2
June	95.2	4.9	160.9	17.3
July	88.7	8.5	142.6	-16.6
August	86.9	3.4	165.0	7.2
September	89.3	-8.1	192.9	5.9
October	87.6	-5.3	173.6	2.1
November	82.9	-3.0	205.0	16.5
December	87.4	0.6	183.6	4.2

j/ - Subsector of Electrical Machinery

**TABLE 4 Volume of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000=100)**

Year/Month	Furniture and fixtures		Other manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	573.0	25.9	186.6	20.2
January	630.5	26.1	149.2	-5.0
February	594.4	39.8	156.6	-6.2
March	530.6	37.1	193.5	11.7
April	548.5	40.3	165.2	11.2
May	655.7	60.3	172.3	9.5
June	557.6	13.9	192.4	20.1
July	506.2	13.3	207.4	44.9
August	504.4	12.6	234.1	61.0
September	575.5	39.5	202.5	33.4
October	627.5	37.7	203.2	21.4
November	559.6	8.2	181.6	22.6
December	585.7	1.3	181.3	25.5
2014	455.0	15.7	155.3	-3.7
January	500.0	97.4	157.0	-1.1
February	425.1	66.7	167.1	3.2
March	387.1	8.7	173.2	1.3
April	391.0	15.0	148.6	-6.1
May	409.1	2.7	157.3	2.1
June	489.6	34.8	160.1	-8.2
July	446.8	5.3	143.2	-19.4
August	447.8	10.0	145.4	-2.7
September	412.6	-6.9	151.8	-14.3
October	455.7	-5.8	167.4	4.7
November	517.0	9.7	148.1	0.2
December	578.2	10.7	144.4	1/

1/ - less than 0.1 percent increase

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Total manufacturing		Food manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	141.0	-6.7	189.5	0.4
January	146.5	-3.5	190.7	3.0
February	144.3	-5.5	189.7	1.4
March	144.6	-5.4	189.4	0.8
April	140.2	-8.0	189.6	1.0
May	140.1	-7.1	189.2	0.2
June	140.4	-6.3	190.0	0.0
July	139.1	-6.8	190.0	0.3
August	139.1	-8.0	189.1	-0.4
September	139.7	-8.2	188.4	-0.1
October	139.1	-7.6	188.5	-0.2
November	139.5	-6.2	189.7	0.6
December	139.2	-7.5	189.9	0.5
2014	151.0	-0.9	188.7	4.6
January	151.7	-1.0	185.2	2.8
February	152.7	-0.7	187.1	4.1
March	152.8	0.1	187.9	4.5
April	152.4	0.1	187.6	4.8
May	150.7	-1.0	188.9	5.2
June	149.9	-2.2	190.0	5.6
July	149.3	-1.5	189.5	4.9
August	151.1	-1.1	189.8	5.2
September	152.3	0.7	188.7	4.7
October	150.6	-0.7	188.9	4.4
November	148.8	-2.0	188.5	3.4
December	150.6	-0.7	188.9	4.4
	148.8	-2.0	188.5	3.4

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Processed meat & fish ^{a/}		Processed fruits & vegetables ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	195.3	2.6	169.4	2.6
January	195.2	3.7	169.7	4.0
February	195.8	4.7	168.0	2.3
March	196.2	5.2	168.9	2.9
April	196.4	5.5	169.2	3.0
May	192.7	3.1	169.2	3.0
June	192.9	2.3	170.1	3.7
July	198.7	5.0	170.2	3.7
August	196.9	1.0	170.1	3.7
September	196.4	1.0	170.3	3.9
October	194.2	0.0	170.4	1.0
November	194.3	0.2	168.6	0.0
December	193.7	-0.4	168.7	0.0
2014	190.4	1.0	165.2	6.2
January	188.2	-0.3	163.2	5.9
February	187.0	-1.2	164.3	6.6
March	186.5	-3.1	164.1	6.5
April	186.1	1.4	164.2	6.5
May	186.9	-0.7	164.2	6.5
June	188.4	-0.3	164.1	6.4
July	189.2	-1.9	164.1	6.2
August	195.0	4.4	164.0	6.1
September	194.5	4.2	164.0	5.9
October	194.2	4.4	168.6	8.5
November	194.0	2.5	168.6	8.5
December	194.4	3.1	168.7	8.6

a/ - Subsector Food manufacturing

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Vegetable/animal oils and fats ^{a/}		Dairy products ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	187.0	-8.6	198.7	-2.0
January	187.9	-9.5	200.2	1.5
February	185.4	-11.9	197.3	-2.2
March	185.9	-11.7	197.3	-2.1
April	188.7	-8.3	198.5	-1.5
May	185.6	-10.6	198.5	-1.6
June	188.9	-9.9	198.8	-1.6
July	187.1	-7.8	198.8	-2.0
August	184.3	-8.0	198.8	-2.4
September	181.0	-10.1	198.8	-3.1
October	182.5	-8.1	198.8	-3.1
November	192.3	-3.5	198.9	-3.0
December	194.0	-3.1	198.9	-3.0
2014	204.5	17.3	202.8	3.0
January	207.7	17.3	197.3	0.4
February	210.5	20.0	201.8	3.9
March	210.5	25.4	201.6	3.0
April	205.8	22.2	201.6	3.0
May	207.6	24.5	201.7	2.7
June	209.7	24.7	202.1	2.7
July	203.0	18.5	203.0	2.8
August	200.4	15.5	203.7	3.2
September	201.3	16.9	205.1	3.7
October	198.7	13.6	205.1	3.7
November	199.2	11.0	205.1	3.7
December	200.2	1.9	205.1	3.7

a/ - Subsector Food manufacturing

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Rice, corn and flour milling ^{a/}		Animal feeds ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	255.6	-8.2	197.9	7.9
January	261.1	-3.2	199.1	7.8
February	258.6	-5.0	197.3	7.3
March	257.3	-7.5	197.7	6.8
April	257.8	-7.7	197.6	7.5
May	257.5	-8.1	197.3	6.8
June	257.8	-8.7	197.8	7.6
July	255.2	-9.5	199.4	8.6
August	255.5	-8.6	196.7	7.0
September	253.5	-9.0	198.0	9.6
October	253.2	-9.4	198.1	10.3
November	250.5	-10.5	197.9	10.0
December	249.4	-11.0	197.9	5.3
2014	278.5	7.8	183.4	0.6
January	269.9	4.5	184.6	1.2
February	272.3	5.4	183.9	0.8
March	278.1	7.5	185.1	1.3
April	279.3	7.9	183.8	-1.2
May	280.3	7.9	184.7	-0.6
June	282.5	7.4	183.9	-0.3
July	281.9	6.7	183.6	-0.1
August	279.5	4.4	183.7	-0.2
September	278.6	5.2	180.6	-1.5
October	279.6	4.3	179.5	-2.7
November	279.8	3.1	179.9	-2.1
December	280.1	3.4	188.0	2.0

a/ - Subsector Food manufacturing

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Bakery products ^{a/}		Sugar ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	168.7	1.3	163.0	3.8
January	171.6	2.9	155.3	12.6
February	171.7	3.0	157.1	8.5
March	169.5	1.8	156.4	5.5
April	167.9	1.1	158.9	5.1
May	168.5	2.0	164.6	-0.5
June	168.1	1.1	167.1	0.5
July	168.0	-0.3	165.9	1.8
August	167.8	0.7	164.8	-1.2
September	167.8	-0.1	163.8	1.1
October	167.7	0.6	166.2	2.7
November	167.7	1.2	166.1	4.9
December	167.7	1.2	170.1	7.0
2014	166.6	-0.8	157.1	6.0
January	166.7	0.1	137.9	-4.1
February	166.7	0.3	144.7	-3.1
March	166.4	-1.1	148.2	-0.7
April	166.1	-0.1	151.2	0.3
May	165.3	-1.6	165.5	5.9
June	166.3	-1.5	166.2	12.2
July	168.5	-0.3	162.9	11.4
August	166.6	-0.8	166.8	12.6
September	168.1	-0.4	162.0	11.1
October	166.8	-1.4	161.8	11.0
November	165.7	-2.0	158.3	5.6
December	165.7	-0.8	158.9	9.5

a/ - Subsector Food manufacturing

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Coconut products ^{a/}		Miscellaneous foods ^{a/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	276.6	2.6	146.1	-4.0
January	289.7	39.9	146.7	-6.0
February	294.6	42.1	146.4	-6.5
March	296.1	8.2	146.6	-5.3
April	294.0	9.5	145.5	-6.2
May	278.9	-1.2	147.1	-4.3
June	279.1	-5.6	147.6	-6.1
July	273.9	-2.7	146.6	-6.0
August	268.8	-3.5	145.3	-6.7
September	267.9	-5.1	145.3	0.3
October	266.1	-6.1	145.2	-0.2
November	256.1	-9.3	145.4	-0.1
December	253.9	-12.6	145.4	0.0
2014	269.4	72.5	152.2	-2.1
January	207.1	20.2	156.1	-0.2
February	207.4	25.3	156.5	1.0
March	273.7	70.4	154.8	-1.5
April	268.5	71.8	155.2	-0.9
May	282.3	105.9	153.7	-0.1
June	295.6	106.0	157.2	0.1
July	281.6	94.3	156.1	0.4
August	278.4	88.3	155.7	0.4
September	282.3	88.6	144.9	-6.9
October	283.5	78.3	145.5	-6.0
November	282.4	68.5	145.5	-6.1
December	290.5	70.7	145.5	-6.1

a/ - Subsector Food manufacturing

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Beverages		Tobacco products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	186.5	8.2	196.0	1.7
January	186.5	8.8	195.8	6.2
February	186.5	8.9	196.1	3.1
March	186.5	8.9	196.1	3.1
April	186.5	8.9	196.1	3.1
May	186.5	8.9	196.1	3.1
June	186.5	8.9	196.1	0.9
July	186.5	8.9	196.1	0.9
August	186.5	8.9	196.1	0.9
September	186.5	8.9	196.1	0.9
October	186.5	8.0	196.1	0.9
November	186.5	8.0	196.1	0.9
December	186.5	2.9	196.1	-3.6
2014	172.4	1.4	192.8	10.6
January	171.4	1.2	184.3	5.7
February	171.3	0.8	190.2	9.1
March	171.3	0.5	190.2	9.1
April	171.3	0.5	190.2	9.1
May	171.3	0.8	190.2	9.1
June	171.3	0.8	194.2	11.4
July	171.3	0.8	194.2	11.4
August	171.3	0.8	194.2	11.4
September	171.3	0.8	194.2	11.4
October	172.7	1.6	194.2	11.4
November	172.7	1.6	194.2	11.4
December	181.3	6.7	203.3	16.7

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Textiles		Textile products ^{b/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	180.3	1.8	171.8	3.4
January	179.9	1.6	171.7	3.6
February	179.8	1.6	171.6	3.5
March	180.3	1.9	171.8	3.7
April	179.4	1.1	170.9	2.8
May	179.8	1.3	171.3	2.9
June	180.6	1.9	172.1	3.5
July	181.6	2.0	173.0	3.6
August	181.6	2.5	173.1	4.1
September	180.4	1.6	171.9	3.4
October	180.6	1.6	172.1	3.5
November	179.8	1.2	171.2	3.0
December	179.7	3.4	171.2	3.0
2014	177.1	0.9	166.2	1.8
January	177.0	-0.5	165.7	-0.2
February	177.0	-0.4	165.8	0.0
March	177.0	0.3	165.7	0.8
April	177.5	2.7	166.3	3.4
May	177.5	2.7	166.4	3.5
June	177.2	2.4	166.2	3.3
July	178.0	1.5	167.0	2.4
August	177.3	0.8	166.2	1.6
September	177.5	0.9	166.3	1.6
October	177.7	1.1	166.3	1.6
November	177.7	1.1	166.3	1.7
December	173.9	-1.0	166.3	1.8

b/ - Subsector of Textiles

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Cordage, rope and twine ^{b/}		Footwear and wearing apparel	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	350.2	11.7	342.7	-2.8
January	338.0	7.2	358.3	-2.4
February	339.6	8.4	349.1	-1.6
March	349.8	11.1	344.5	-3.4
April	350.2	12.0	345.8	-3.4
May	352.3	13.5	345.4	-3.0
June	352.1	13.7	335.5	-4.9
July	353.9	14.8	340.0	-3.6
August	351.3	13.7	342.3	-1.7
September	352.8	12.1	341.3	-3.3
October	354.3	11.1	337.2	-2.0
November	354.3	11.1	335.4	-2.6
December	354.3	11.5	337.2	-1.4
2014	313.6	-7.0	352.5	-0.5
January	315.4	-5.0	367.0	3.1
February	313.4	-5.6	354.7	0.6
March	314.8	-5.3	356.8	0.7
April	312.6	-6.2	358.1	-0.3
May	310.3	-7.8	356.3	-0.6
June	309.7	-8.6	352.7	-0.4
July	308.1	-9.1	352.7	0.6
August	309.1	-9.7	348.1	-0.9
September	314.6	-7.1	352.9	0.2
October	318.8	-5.9	344.3	-1.8
November	318.9	-6.2	344.3	-2.8
December	317.7	-7.0	342.0	-4.0

b/ - Subsector of Textiles

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Leather products		Wood and wood products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	149.0	0.6	91.6	-18.7
January	148.0	-0.2	104.0	-6.3
February	148.0	-0.1	96.8	-14.0
March	148.4	0.1	94.7	-15.9
April	148.1	0.0	92.6	-17.7
May	148.3	0.2	88.9	-22.2
June	148.7	0.5	89.8	-20.7
July	149.0	0.7	89.8	-20.6
August	149.8	1.2	91.4	-19.0
September	149.9	1.2	91.1	-18.8
October	149.6	0.9	86.3	-22.9
November	150.0	1.2	85.7	-22.5
December	150.1	1.3	88.5	-23.1
2014	148.1	2.9	112.7	2.6
January	148.3	3.5	111.0	1.2
February	148.2	3.5	112.6	2.7
March	148.2	3.3	112.7	3.3
April	148.1	3.2	112.6	3.1
May	148.0	2.9	114.3	4.7
June	148.0	2.7	113.3	2.9
July	147.9	2.7	113.0	2.4
August	148.0	2.5	112.9	1.9
September	148.2	2.9	112.2	1.7
October	148.2	2.8	112.0	1.7
November	148.2	2.7	110.6	1.0
December	148.1	2.6	115.1	5.0

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Planing and sawmill ^{c/}		Veneer and plywood ^{c/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	329.0	0.0	69.5	0.3
January	333.1	3.9	69.3	4.8
February	332.8	3.8	69.3	1.0
March	333.1	3.9	69.3	0.8
April	333.0	3.9	69.3	0.6
May	325.5	-2.3	69.5	-2.9
June	326.2	-2.1	69.5	-0.6
July	326.1	-2.1	69.5	-0.8
August	327.5	-1.7	69.6	-0.7
September	328.0	-1.6	69.7	0.0
October	327.3	-1.8	69.6	0.4
November	327.3	-1.8	69.6	0.4
December	328.0	-1.6	69.6	0.4
2014	329.0	1.2	69.3	7.0
January	320.6	-1.3	66.1	3.2
February	320.6	-1.3	68.6	7.0
March	320.6	-1.3	68.8	7.5
April	320.6	-1.3	68.9	6.5
May	333.1	2.5	71.5	10.5
June	333.1	2.5	70.0	7.6
July	333.1	2.5	70.1	7.6
August	333.1	2.5	70.1	7.6
September	333.1	2.5	69.6	6.9
October	333.1	2.5	69.3	6.6
November	333.1	2.5	69.3	7.1
December	333.1	2.5	69.3	6.4

c/ - Subsector of Wood and wood products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Other wood products ^{c/}		Paper and paper products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	96.8	-30.0	123.0	2.2
January	115.3	-18.0	121.1	2.1
February	104.2	-25.6	122.3	0.7
March	101.2	-27.8	122.8	1.0
April	98.2	-29.7	122.4	1.0
May	92.9	-33.5	122.0	0.4
June	94.1	-32.6	122.0	3.0
July	94.0	-32.2	123.4	2.9
August	96.3	-30.5	124.0	3.7
September	95.8	-30.4	124.8	4.6
October	89.2	-35.2	123.8	3.8
November	88.3	-34.4	124.4	4.4
December	92.2	-31.0	123.6	-1.1
2014	138.4	-1.2	120.4	1.9
January	140.5	-0.4	118.6	1.6
February	140.1	-0.4	121.4	1.9
March	140.1	0.2	121.6	2.8
April	139.7	0.8	121.2	2.6
May	139.6	0.7	121.5	4.2
June	139.6	-0.6	118.4	0.3
July	138.7	-1.4	119.9	0.2
August	138.6	-2.2	119.6	-0.2
September	137.6	-2.0	119.3	0.7
October	137.6	-1.9	119.3	0.5
November	134.6	-3.3	119.2	1.4
December	133.5	-3.9	124.9	6.6

c/ - Subsector of Wood and wood products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Printing		Petroleum products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	311.5	-1.6	276.4	-19.8
January	316.6	0.0	254.8	-29.8
February	310.5	-1.9	273.2	-24.7
March	310.6	-1.9	288.6	-18.5
April	311.6	-1.6	282.7	-20.9
May	309.8	-2.2	293.3	-16.7
June	310.8	-1.8	290.0	-17.5
July	311.1	-1.8	278.4	-23.1
August	311.3	-1.7	270.4	-23.5
September	311.3	-1.7	276.2	-20.9
October	311.2	-1.7	273.8	-17.1
November	311.4	-1.7	277.4	-11.5
December	311.4	-1.7	258.3	-9.7
2014	316.6	0.0	344.6	-2.5
January	316.6	0.0	362.7	4.2
February	316.6	0.0	362.9	1.9
March	316.6	0.0	354.2	4.2
April	316.6	0.0	357.6	8.2
May	316.6	0.0	352.0	5.7
June	316.6	0.0	351.7	1.9
July	316.6	0.0	362.1	3.4
August	316.6	0.0	353.4	-2.0
September	316.6	0.0	349.2	-1.8
October	316.6	0.0	330.1	-7.0
November	316.6	0.0	313.5	-15.6
December	316.6	0.0	286.0	-27.7

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Refined petroleum products ^{d/}		Coke and other fuel products ^{d/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	279.0	-19.2	113.3	-0.8
January	256.6	-29.4	120.7	5.6
February	275.6	-24.2	117.8	3.1
March	291.4	-17.8	115.3	0.9
April	285.4	-20.3	112.5	-1.5
May	296.4	-15.9	111.7	-2.2
June	293.0	-16.8	111.8	-2.1
July	281.1	-22.5	112.0	-2.0
August	272.9	-22.9	111.7	-2.2
September	278.9	-20.2	111.3	-2.5
October	276.4	-16.4	111.5	-2.4
November	280.0	-10.8	112.1	-1.8
December	260.5	-9.8	110.9	-2.9
2014	345.3	-2.5	114.2	13.3
January	363.3	4.2	114.2	13.3
February	363.5	1.9	114.2	13.3
March	354.7	4.2	114.2	13.3
April	358.1	8.2	114.2	13.3
May	352.5	5.7	114.2	13.3
June	352.2	1.8	114.2	13.3
July	362.6	3.4	114.2	13.3
August	353.9	-2.0	114.2	13.3
September	349.7	-1.8	114.2	13.3
October	330.5	-7.0	114.2	13.3
November	313.8	-15.7	114.2	13.3
December	288.8	-27.1	114.2	13.3

d/ - Subsector of Petroleum products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Chemical and chemical products		Basic chemicals ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	158.3	1.8	210.0	-4.9
January	159.2	3.3	213.4	-4.7
February	159.5	2.7	215.2	-4.0
March	158.7	0.7	213.7	-8.8
April	159.3	1.9	216.1	-4.6
May	158.4	1.4	212.0	-5.5
June	158.0	1.1	211.5	-5.1
July	158.1	1.0	208.3	-6.4
August	158.6	2.4	208.6	-4.3
September	157.9	1.4	207.8	-5.7
October	157.2	2.4	204.2	-3.4
November	157.8	2.9	204.4	-2.2
December	157.1	0.2	204.6	-3.0
2014	155.6	-0.1	220.7	-0.4
January	154.1	1.1	223.9	5.2
February	155.3	0.3	224.2	4.2
March	157.5	-0.1	234.5	4.1
April	156.3	-0.5	226.6	1.2
May	156.3	-1.0	224.2	-0.6
June	156.2	-1.9	222.9	-3.4
July	156.6	-0.4	222.6	-4.5
August	154.8	-1.1	218.0	-6.8
September	155.8	0.8	220.3	0.4
October	153.6	0.0	211.3	0.3
November	153.4	0.0	208.9	-1.6
December	156.8	1.9	211.1	-2.2

e/ - Subsector of Chemical products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Fertilizers and pesticides ^{e/}		Paint products ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	218.7	1.0	218.8	1.5
January	221.7	17.1	218.4	0.0
February	221.8	11.2	218.4	1.1
March	218.4	-1.3	218.6	1.2
April	216.6	-3.0	218.7	-0.1
May	216.6	-1.5	219.5	2.2
June	217.5	-0.9	219.1	2.2
July	219.6	0.4	219.0	1.9
August	220.0	0.3	218.9	2.1
September	218.9	0.2	218.9	2.0
October	217.8	-2.2	218.9	1.9
November	217.8	-3.1	218.6	2.0
December	217.5	-1.9	218.6	2.0
2014	216.5	-10.4	215.5	-1.7
January	189.4	-25.7	218.4	-1.3
February	199.5	-21.2	216.0	-3.6
March	221.4	-12.4	216.0	-3.5
April	223.3	-10.1	218.8	-1.3
May	219.8	-10.0	214.6	-3.3
June	219.5	-9.8	214.3	-3.6
July	218.7	-8.5	214.9	-2.3
August	219.4	-7.7	214.4	-2.4
September	218.4	-8.2	214.7	1.5
October	222.7	-4.5	214.7	-1.5
November	224.7	-1.8	214.4	1.0
December	221.8	-2.8	214.4	1.0
	224.7	-1.8	214.4	1.0

e/ - Subsector of Chemical products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Pharmaceuticals and medical products ^{e/}		Cosmetics and toilet preparations ^{e/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	158.0	-1.6	106.0	2.7
January	157.7	-0.5	106.6	2.4
February	158.1	-1.8	106.4	2.1
March	158.1	-1.8	106.5	2.0
April	158.1	-1.8	106.4	3.5
May	158.1	-1.8	105.9	1.8
June	158.1	-1.8	105.8	1.5
July	158.1	-1.8	105.9	0.9
August	158.1	-1.8	105.9	3.3
September	158.1	-1.4	106.1	1.9
October	158.1	-1.4	105.7	4.2
November	158.1	-1.4	106.0	4.8
December	158.1	-0.4	105.4	3.5
2014	160.5	1.2	103.3	1.2
January	158.5	0.6	104.0	6.7
February	160.9	1.4	104.2	4.2
March	160.9	1.4	104.4	1.1
April	160.9	1.4	102.8	-0.3
May	160.9	1.4	104.1	-0.3
June	160.9	1.4	104.3	-1.7
July	160.9	1.4	104.9	1.9
August	160.9	1.4	102.5	0.5
September	160.3	1.0	104.1	2.4
October	160.3	1.0	101.4	0.4
November	160.3	1.0	101.1	-0.5
December	158.7	0.1	101.9	-5.1

e/ - Subsector of Chemical products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Miscellaneous chemicals ^{e/}		Rubber and plastic products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	134.1	1.7	156.5	-2.2
January	134.7	3.1	161.2	1.6
February	135.0	3.2	160.1	1.1
March	132.2	1.0	160.9	0.2
April	134.7	2.9	157.6	-1.0
May	133.7	2.2	157.8	-0.5
June	131.6	0.4	158.0	-0.8
July	134.2	2.1	153.6	-3.4
August	136.8	3.3	154.6	-2.3
September	132.9	0.5	153.6	-3.5
October	133.6	1.6	153.2	-4.5
November	136.6	1.3	153.9	-4.1
December	133.2	-1.2	153.7	-8.2
2014	131.9	1.5	160.0	1.9
January	130.6	1.3	158.7	0.6
February	130.9	0.3	158.5	0.5
March	130.9	1.3	160.5	1.6
April	130.9	1.7	159.3	2.5
May	130.9	0.6	158.6	1.9
June	131.0	0.7	159.2	1.5
July	131.5	1.0	159.0	1.4
August	132.4	1.5	158.3	0.9
September	132.3	1.4	159.2	1.7
October	131.5	1.1	160.4	2.3
November	134.8	3.6	160.4	2.1
December	134.9	3.7	167.5	6.2

e/ - Subsector of Chemical products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Rubber products ^{f/}		Plastic products ^{f/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	77.7	-3.0	204.4	-7.2
January	80.6	2.6	209.5	-5.5
February	80.6	2.2	207.4	-6.0
March	81.5	2.2	207.5	-7.2
April	80.1	0.5	203.0	-8.0
May	80.2	0.6	203.1	-7.2
June	80.6	0.6	203.0	-7.6
July	74.8	-7.0	202.9	-7.2
August	75.8	-5.9	203.5	-6.1
September	74.8	-7.3	202.9	-7.1
October	74.2	-8.5	203.1	-8.0
November	74.8	-7.5	203.4	-7.9
December	74.5	-7.9	203.8	-8.3
2014	80.1	0.0	220.2	0.0
January	78.6	0.0	221.8	0.0
February	78.8	0.0	220.5	0.0
March	79.7	0.0	223.7	0.0
April	79.7	0.0	220.6	0.0
May	79.8	0.0	218.9	0.0
June	80.1	0.0	219.7	0.0
July	80.4	0.0	218.6	0.0
August	80.5	0.0	216.7	0.0
September	80.7	0.0	218.5	0.0
October	81.1	0.0	220.7	0.0
November	80.9	0.0	220.9	0.0
December	80.9	0.0	222.3	0.0

f/ - Subsector of Rubber and plastic products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Non- metallic mineral products		Glass and glass products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	143.8	-5.7	114.0	-4.1
January	144.1	-6.4	113.2	-6.1
February	143.2	-6.2	113.5	-4.1
March	143.2	-6.8	114.5	-4.5
April	143.1	-6.1	113.3	-1.3
May	143.2	-5.6	112.5	-4.1
June	143.5	-6.4	112.8	-8.0
July	143.8	-5.6	113.6	-4.1
August	144.1	-5.6	115.1	0.8
September	144.3	-6.4	114.9	-6.1
October	144.2	-6.5	114.4	-6.8
November	144.5	-5.7	114.6	-2.0
December	144.8	-0.6	115.4	-1.6
2014	152.5	1.7	118.8	-4.8
January	154.0	3.9	120.5	-2.1
February	152.8	2.4	118.3	-5.3
March	153.7	2.1	119.9	-10.2
April	152.4	3.0	114.9	-3.1
May	151.6	2.4	117.3	1.2
June	153.3	2.1	122.7	-0.8
July	152.3	1.5	118.4	-7.1
August	152.7	1.1	114.2	-9.7
September	154.1	2.5	122.4	0.3
October	154.2	3.1	122.8	3.0
November	153.1	0.7	116.9	-11.9
December	145.7	-3.9	117.3	-10.2

g/ - Subsector of Non-metallic mineral products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Cement ^{g/}		Miscellaneous non-metallic mineral products ^{g/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	181.1	-1.8	122.4	-3.4
January	182.5	-1.4	122.3	-4.2
February	179.6	-2.2	122.3	-3.8
March	178.9	-2.5	122.3	-4.9
April	179.3	-2.3	122.3	-4.3
May	179.8	-0.6	122.3	-4.0
June	180.5	-1.0	122.4	-4.0
July	181.3	-0.6	122.3	-3.8
August	181.0	-2.6	122.6	-3.4
September	181.8	-2.3	122.6	-2.7
October	182.3	-2.1	122.3	-2.9
November	182.7	-2.0	122.5	-2.8
December	183.2	-1.6	122.6	0.4
2014	184.3	5.6	126.7	0.4
January	185.0	8.0	127.6	1.1
February	183.6	6.1	127.1	1.0
March	183.4	5.6	128.6	2.7
April	183.6	5.2	127.8	2.9
May	180.9	3.9	127.4	1.1
June	182.3	4.2	127.5	0.5
July	182.3	5.3	127.1	0.2
August	185.7	6.4	126.9	-0.9
September	186.2	5.6	126.0	-0.7
October	186.3	5.9	126.0	-0.5
November	186.5	5.3	126.0	0.1
December	186.2	5.3	122.1	-2.9

g/ - Subsector of Non-metallic mineral products

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Basic metals		Iron and steel ^{h/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	176.0	-9.5	181.0	-6.7
January	186.7	-3.7	187.3	-3.4
February	185.5	-6.9	188.4	-2.9
March	181.3	-8.8	182.8	-6.3
April	181.3	-7.5	183.4	-6.0
May	184.1	-5.7	182.7	-6.3
June	180.0	-7.7	181.1	-7.2
July	170.8	-12.6	180.1	-7.6
August	168.3	-13.4	179.1	-7.9
September	170.2	-12.8	178.2	-8.0
October	170.1	-11.1	177.8	-8.0
November	168.6	-11.4	176.5	-8.4
December	165.4	-12.5	175.1	-8.7
2014	194.5	-8.8	194.1	-4.0
January	194.0	-15.6	193.9	-5.8
February	199.3	-12.6	194.0	-5.8
March	198.9	-8.3	195.1	-5.0
April	196.0	-9.7	195.1	-4.7
May	195.2	-4.8	194.9	-3.1
June	194.9	-5.5	195.2	-2.5
July	195.4	-3.9	194.9	-2.5
August	194.5	-6.6	194.4	-2.8
September	195.1	-5.9	193.7	-3.2
October	191.3	-9.9	193.2	-4.3
November	190.4	-10.0	192.8	-3.7
December	189.1	-11.5	191.9	-4.0

h/ - Subsector of Basic metals

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Non-ferrous metals ^{h/}		Fabricated metal products	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	170.3	-12.5	137.5	-0.9
January	186.0	-4.1	136.6	-3.5
February	181.8	-10.5	136.2	-4.4
March	179.4	-11.0	136.5	-3.4
April	178.7	-9.2	136.7	-3.5
May	185.8	-4.9	136.6	-0.1
June	178.6	-8.3	137.0	-3.5
July	160.4	-18.1	137.4	1.2
August	156.5	-19.6	138.4	2.2
September	161.0	-17.9	138.5	1.1
October	161.1	-15.1	138.3	0.2
November	159.6	-15.4	138.7	1.6
December	154.5	-16.8	139.2	2.0
2014	194.7	-12.5	138.7	-3.9
January	194.1	-22.7	141.5	-2.9
February	203.2	-17.8	142.4	-3.0
March	201.7	-10.8	141.2	-3.7
April	196.7	-13.3	141.7	-2.5
May	195.4	-6.0	136.7	-5.7
June	194.7	-7.6	141.9	-2.1
July	195.7	-4.9	135.7	-6.0
August	194.5	-9.4	135.4	-4.8
September	196.2	-7.9	137.0	-4.8
October	189.8	-13.9	138.0	-4.1
November	188.7	-14.3	136.5	-4.0
December	185.7	-17.3	136.5	-3.7

h/ - Subsector of Basic metal

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Machinery excluding electrical		Machinery and equipment, n.e.c ^{i/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	106.4	0.1	177.6	-15.5
January	106.9	2.2	204.7	-0.1
February	105.2	1.3	177.0	-15.8
March	107.0	2.3	179.4	-15.7
April	106.4	-4.2	177.7	-17.3
May	107.4	-3.1	176.5	-17.0
June	104.4	-1.6	177.0	-15.7
July	105.4	0.6	177.7	-15.7
August	106.6	1.3	173.7	-17.0
September	107.2	-0.8	172.9	-17.0
October	106.9	1.3	172.3	-17.7
November	106.5	0.8	169.8	-19.0
December	106.9	2.2	172.4	-17.6
2014	106.2	-8.5	210.2	2.1
January	104.6	-9.4	204.9	-0.9
February	103.8	-10.1	210.2	1.1
March	104.6	-9.6	212.9	2.8
April	111.1	-4.6	215.0	3.9
May	110.9	-7.0	212.6	3.5
June	106.1	-9.7	210.0	2.5
July	104.8	-10.9	210.7	2.4
August	105.2	-12.4	209.3	1.7
September	108.0	-7.6	208.4	1.6
October	105.5	-7.8	209.3	2.6
November	105.6	-5.2	209.5	2.3
December	104.6	-7.2	209.4	2.2

i/ - Subsector of Machinery except electrical

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Office, accounting & computing machinery ^{i/}		Electrical machinery	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	97.6	4.1	121.2	-17.8
January	96.5	2.9	137.2	-7.0
February	96.4	3.9	128.9	-12.2
March	98.1	4.9	130.2	-12.5
April	97.6	-2.2	116.5	-20.1
May	98.7	-1.0	116.6	-16.4
June	95.6	0.5	118.5	-17.8
July	96.6	3.0	115.9	-17.5
August	98.0	4.1	115.7	-18.9
September	98.7	1.7	119.2	-17.4
October	98.5	4.1	117.7	-19.3
November	98.3	3.9	118.3	-16.8
December	98.5	4.8	119.3	-14.9
2014	95.2	-9.6	144.0	2.4
January	93.8	-10.3	147.4	6.3
February	92.8	-11.2	146.9	5.7
March	93.5	-10.9	148.8	6.4
April	99.8	-5.5	145.8	3.9
May	99.7	-8.1	139.5	-2.1
June	95.1	-11.0	144.3	1.9
July	93.8	-12.3	140.4	0.3
August	94.2	-13.9	142.7	-0.5
September	97.0	-8.6	144.3	2.5
October	94.5	-8.9	145.8	5.0
November	94.6	-6.0	142.2	0.4
December	94.0	-7.8	140.2	-0.7

i/ - Subsector of Machinery except electrical

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Electrical appliances ^{j/}		Wires and wirings ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	136.5	-2.4	125.0	-22.9
January	135.7	-2.4	153.9	-6.6
February	133.8	-4.4	127.6	-22.8
March	135.1	-4.5	132.0	-19.0
April	134.0	-3.8	119.5	-25.7
May	135.5	-0.3	126.8	-20.7
June	137.0	-2.3	124.3	-21.8
July	137.7	-1.5	120.0	-26.7
August	138.8	-1.0	119.5	-27.2
September	138.2	-2.4	119.5	-27.4
October	137.3	-2.5	119.2	-25.5
November	137.3	-2.6	118.6	-25.9
December	138.3	-1.4	118.5	-25.3
2014	139.9	0.7	162.0	-6.1
January	138.9	0.7	164.8	-5.9
February	139.9	1.6	165.3	-6.1
March	141.4	2.8	163.1	-4.3
April	139.3	1.0	160.8	-6.1
May	135.9	-2.1	159.9	-7.9
June	140.3	-1.0	159.0	-4.8
July	139.8	1.0	163.7	-3.0
August	140.2	0.6	164.2	-2.3
September	141.6	1.5	164.6	-2.6
October	140.8	0.9	160.1	-13.2
November	140.9	0.7	160.1	-12.9
December	140.2	0.3	158.7	-2.0

j/ - Subsector of Electrical machinery

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Batteries ^{j/}		Lamps and fixtures ^{j/}	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	147.0	1.3	139.9	-3.0
January	147.0	1.3	165.4	-2.2
February	147.0	1.3	138.1	-19.3
March	147.0	1.3	136.1	-20.2
April	147.0	1.3	136.5	-20.2
May	147.0	1.3	135.9	-20.6
June	147.0	1.3	137.4	-19.3
July	147.0	1.3	137.2	-18.9
August	147.0	1.3	137.5	-18.6
September	147.0	1.3	138.2	-18.9
October	147.0	1.3	138.9	-18.3
November	147.0	1.3	138.9	-19.4
December	147.0	1.3	138.3	-19.6
2014	145.2	8.1	170.5	10.9
January	145.2	8.1	169.2	10.9
February	145.2	8.1	171.1	12.2
March	145.2	8.1	170.5	12.2
April	145.2	8.1	171.2	11.4
May	145.2	8.1	171.3	10.2
June	145.2	8.1	170.3	5.1
July	145.2	8.1	169.2	4.5
August	145.2	8.1	168.8	3.0
September	145.2	8.1	170.5	3.5
October	145.2	8.1	170.0	4.4
November	145.2	8.1	172.3	5.7
December	145.2	8.1	171.9	6.7

j/ - Subsector of Electrical machinery

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Microcircuits ^{j/}		Transport equipment	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	117.7	-5.3	118.6	0.5
January	133.3	-8.0	120.4	1.1
February	127.3	-11.5	120.3	-0.3
March	128.9	-12.0	118.6	-2.6
April	112.7	-21.1	117.7	-2.3
May	112.5	-17.1	118.2	-2.5
June	114.7	-18.8	116.8	-1.9
July	111.7	-18.2	118.9	-0.5
August	111.5	-19.9	118.3	-0.4
September	115.5	-18.0	118.6	-1.0
October	113.8	-20.4	119.2	1.1
November	114.5	-17.4	119.2	-0.3
December	115.7	-14.8	117.1	-2.7
2014	140.7	7.1	119.8	-0.3
January	144.8	7.1	119.1	-0.3
February	143.9	6.1	120.7	-1.1
March	146.4	6.8	121.8	-1.2
April	142.9	4.1	120.5	1.4
May	135.7	-2.8	121.2	1.3
June	141.2	2.0	119.1	-1.6
July	136.5	0.1	119.4	-1.0
August	139.2	-0.8	118.7	-0.3
September	140.9	2.7	119.8	1.8
October	143.0	6.5	117.9	-1.7
November	138.5	0.8	119.5	-0.5
December	135.8	-1.7	120.4	0.8

j/ - Subsector of Electrical machinery

**TABLE 5 Producer Price Index, Year-on-Year Growth Rates for Manufacturing Sector
January 2014 - December 2015
(2000 = 100)**

Year/Month	Furniture and fixtures		Other manufacturing	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	11.0	-27.5	75.0	1.0
January	11.8	-23.6	74.3	-8.1
February	11.7	-30.6	74.4	-0.2
March	11.3	-26.6	75.1	-1.4
April	11.3	-22.2	73.7	-5.5
May	10.8	-26.8	73.9	1.7
June	11.0	-14.5	74.5	1.3
July	10.9	-19.0	74.7	3.3
August	11.1	-33.5	76.0	5.9
September	10.4	-40.0	76.2	5.3
October	10.4	-33.6	75.3	4.6
November	10.4	-27.2	75.8	5.8
December	10.7	-26.5	76.2	1.1
2014	15.1	-15.9	74.3	6.3
January	15.5	-36.2	80.8	12.8
February	16.9	-23.7	74.6	0.8
March	15.3	-15.2	76.2	2.0
April	14.6	-27.9	78.0	3.2
May	14.7	-18.1	72.7	-6.9
June	12.9	-33.8	73.5	-5.3
July	13.5	-17.1	72.3	-5.0
August	16.6	2.0	71.8	-7.8
September	17.3	6.7	72.4	-5.7
October	15.6	-11.5	72.0	-5.6
November	14.3	-12.5	71.7	-6.8
December	14.5	-10.5	75.3	-2.2

Table 6 Average Capacity Utilization Rate by Major Sector: January 2015 - December 2015 (continued)

SECTOR	2015												Ave
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MANUFACTURING	83.2	83.2	83.3	83.2	83.3	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.3
Food Manufacturing	84.3	84.2	84.3	84.2	84.2	84.1	84.0	84.1	84.2	84.4	84.5	84.5	84.2
Beverages	76.5	76.6	76.7	76.6	76.7	76.7	76.6	76.7	76.8	76.7	76.8	76.9	76.7
Tobacco Products	69.2	69.3	68.6	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.7	69.6	69.4
Textiles	79.4	79.5	79.6	79.5	79.5	79.5	79.4	79.3	79.4	79.3	79.2	79.2	79.4
Footwear and wearing apparel	76.4	76.5	76.6	76.7	76.6	76.7	76.8	76.7	76.8	76.9	76.8	77.1	76.7
Leather products	79.1	79.2	79.3	79.2	79.2	79.3	79.2	79.1	79.2	79.3	79.4	79.3	79.2
Wood and wood products	81.4	81.4	80.7	80.8	80.7	80.8	80.7	80.8	80.9	80.8	80.9	80.8	80.9
Paper and paper products	83.3	83.2	83.1	83.1	83.2	83.1	83.2	83.1	83.2	83.3	83.2	83.1	83.2
Printing	81.1	80.1	80.1	79.8	80.2	80.1	80.2	80.1	80.0	80.5	80.4	80.2	80.2
Petroleum products	88.4	88.0	88.4	88.3	88.4	88.3	88.4	88.3	88.3	88.2	88.1	88.2	88.3
Chemical products	81.6	82.6	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	83.3
Rubber and plastic products	82.3	82.4	82.5	82.4	82.3	82.4	82.5	82.4	82.5	82.6	82.6	82.5	82.5
Non-metallic mineral products	86.3	86.4	86.4	86.3	86.4	86.4	86.3	86.2	86.2	86.3	86.3	86.4	86.3
Basic metals	88.8	88.6	88.7	88.6	88.5	88.3	88.2	88.3	88.4	88.6	88.7	88.5	88.5
Fabricated metal products	75.7	75.5	75.7	75.8	75.9	76.0	76.1	76.0	76.4	75.9	75.8	75.6	75.9
Machinery except electrical	84.6	84.7	84.8	84.7	84.8	84.9	84.9	85.0	85.1	85.0	85.4	85.2	84.9
Electrical machinery	84.5	84.4	84.5	84.4	84.4	84.5	84.5	84.4	84.5	84.4	84.4	84.3	84.4
Transport equipment	73.6	73.5	73.5	73.4	73.5	73.6	73.5	73.5	73.6	73.7	73.7	73.6	73.6
Furniture and fixtures	76.2	75.1	75.6	75.7	75.2	75.3	75.3	75.2	75.3	75.4	75.3	75.4	75.4
Miscellaneous manufactures	74.7	74.8	74.9	74.4	74.9	75.0	75.1	75.0	74.9	75.0	74.9	74.8	74.9

Table 6 Average Capacity Utilization Rate by Major Sector: January 2014 - December 2014 (concluded)

SECTOR	2014												Ave
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MANUFACTURING	83.1	83.2	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.6	83.5	83.5	83.4
Food Manufacturing	84.5	84.6	84.7	84.6	84.7	84.6	84.5	84.4	84.5	84.6	84.5	84.4	84.6
Beverages	76.3	76.5	76.7	76.6	76.7	76.6	76.5	76.5	76.6	76.8	76.7	76.6	76.6
Tobacco Products	67.8	67.5	67.2	68.1	69.2	69.5	69.7	69.5	69.6	69.2	69.5	69.8	68.9
Textiles	79.4	79.3	79.4	79.2	79.4	79.4	79.3	79.3	79.4	79.4	79.4	79.3	79.4
Footwear and wearing apparel	76.1	76.2	76.3	76.2	76.3	76.2	76.1	76.2	76.0	76.2	76.0	76.9	76.2
Leather products	79.0	79.0	79.0	78.9	79.0	79.1	79.2	79.2	79.3	79.4	79.3	79.2	79.1
Wood and wood products	81.5	81.4	81.4	81.2	81.5	81.4	81.5	81.4	81.5	81.6	81.9	81.4	81.5
Paper and paper products	82.8	82.7	82.8	82.7	82.8	82.8	82.8	82.9	83.0	83.1	83.1	82.7	82.9
Printing	80.0	80.7	81.1	80.9	81.6	81.6	81.6	81.7	81.8	81.9	82.1	82.1	81.4
Petroleum products	89.1	88.5	87.2	88.7	88.8	88.7	88.6	88.8	88.7	88.7	88.6	88.7	88.6
Chemical products	82.8	83.4	83.0	83.5	83.7	83.8	84.0	83.9	84.3	84.4	84.5	84.6	83.8
Rubber and plastic products	82.3	82.6	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.4	82.4
Non-metallic mineral products	86.0	86.1	86.2	86.1	86.3	86.1	86.1	86.2	86.3	86.3	86.3	86.2	86.2
Basic metals	87.3	87.3	87.2	88.5	89.0	88.9	88.8	88.9	88.7	88.6	88.5	88.7	88.4
Fabricated metal products	75.6	75.2	75.6	75.8	75.6	75.8	75.8	75.7	76.2	76.0	75.8	75.8	75.8
Machinery except electrical	84.1	84.2	85.0	84.6	84.7	84.6	84.6	84.5	84.6	84.7	84.6	84.5	84.6
Electrical machinery	84.3	84.3	84.5	84.4	84.5	84.6	84.5	84.4	84.5	84.6	84.5	84.5	84.5
Transport equipment	73.1	73.3	73.3	73.2	73.1	73.0	73.2	73.3	73.3	73.4	73.5	73.4	73.3
Furniture and fixtures	76.4	76.4	76.0	75.8	75.9	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.1
Miscellaneous manufactures	74.7	74.7	74.8	74.6	74.7	74.5	74.6	74.5	74.6	74.7	74.6	74.5	74.6

**TABLE 7 Distribution of Samples and Responding Establishments, MISSI
January 2014 - December 2015**

Year & Months	Number of Samples (n)	Response Rate (%)
2015		93.4
January	863	96.9
February	863	96.8
March	863	96.3
April	863	95.0
May	863	95.5
June	863	94.8
July	863	94.7
August	863	94.2
September	863	93.3
October	863	91.5
November	863	87.5
December	863	84.4
2014		93.4
January	775	92.8
February	775	93.2
March	775	95.5
April	775	94.6
May	775	95.2
June	775	95.5
July	775	92.4
August	775	93.7
September	775	94.6
October	775	90.6
November	775	92.1
December	775	90.8

**TABLE 8 Distribution of Samples and Responding Establishments, PPS
January 2014 - December 2015**

Year & Month/s	Number of Samples (n)	Response Rate (%)
2015		95.5
January	728	98.3
February	728	97.8
March	728	97.3
April	728	96.8
May	728	96.4
June	728	96.6
July	728	96.3
August	728	96.2
September	728	95.2
October	728	94.9
November	728	91.5
December	728	88.3
2014		96.8
January	358	94.8
February	358	95.6
March	358	96.1
April	358	97.8
May	358	98.5
June	358	97.5
July	358	98.3
August	358	98.3
September	358	98.2
October	358	96.9
November	358	96.6
December	358	93.3

APPENDICES

**List of Major Sectors and Sub-sectors and their Corresponding Weights: MISSI
(2000=100)**

Major sectors / sub-sectors	2000-based Weights for VaPI and VoPI	2000-based Weights for VaNSI and VoNSI
Manufacturing		
Food manufacturing	0.17661	0.17593
Processed meat and fish	0.17106	0.17106
Processed fruits and vegetables	0.09462	0.09462
Vegetable/animal oils and fats	0.13203	0.13203
Milk and dairy products	0.13843	0.13843
Grain mill products	0.05830	0.05830
Animal feeds	0.04568	0.04568
Bakery products	0.06314	0.06314
Milled and refined sugar	0.09996	0.09996
Coconut products	0.01079	0.01079
Miscellaneous foods	0.18599	0.18599
Beverages	0.04758	0.04816
Tobacco products	0.01994	0.02030
Textiles	0.01885	0.01840
Textile products	0.94353	0.94353
Cordage, rope and twine	0.05647	0.05647
Footwear and wearing apparel	0.03123	0.03091
Leather products	0.00235	0.00234
Wood and wood products	0.00567	0.00553
Planing and sawmill	0.32336	0.32336
Veneer and plywood	0.40009	0.40009
Other wood products	0.27655	0.27655
Paper and paper products	0.01974	0.01940
Publishing and printing	0.01181	0.01188
Petroleum products	0.11036	0.11014
Refined petroleum products	0.99382	0.99382
Coke and other fuel products	0.00618	0.00618
Chemical products	0.07701	0.09308
Basic chemicals and industrial gases	0.13260	0.13260
Drugs and medicines	0.27361	0.27361
Fertilizer	0.07049	0.07049
Paints	0.07006	0.07006
Cosmetics and toilet preparations	0.37138	0.37138
Miscellaneous chemicals	0.08186	0.08186

**List of Major Sectors and Sub-sectors and their Corresponding Weights: MISSI
(2000=100)**

Major sectors / sub-sectors	2000-based Weights for VaPI and VoPI	2000-based Weights for VaNSI and VoNSI
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**List of Major Sectors and Sub-sectors and their Corresponding Weights: MISSI
(2000=100)**

Major sectors / sub-sectors	2000-based Weights for VaPI and VoPI	2000-based Weights for VaNSI and VoNSI
Rubber and plastic products	0.02872	0.01192
Rubber products	0.23080	0.23080
Plastic products	0.76920	0.76920
Non-metallic mineral products	0.03022	0.03089
Cement	0.49735	0.49735
Glass and glass products	0.14942	0.14942
Miscellaneous non-metallic mineral products	0.35323	0.35323
Basic metals	0.04578	0.04563
Iron and steel	0.70443	0.70443
Non-ferrous metal	0.29557	0.29557
Fabricated metal products	0.01497	0.01475
Machinery except electrical	0.09905	0.09948
Machinery and equipment, n.e.c.	0.22062	0.22062
Office, accounting and computing machinery	0.77938	0.77938
Electrical machinery	0.18731	0.18764
Electrical appliances	0.23039	0.23039
Wires and wirings	0.03755	0.03755
Batteries	0.01740	0.01740
Lamps and fixtures	0.08090	0.08090
Microcircuits	0.63375	0.63375
Transport equipment	0.04433	0.04522
Furniture and fixtures	0.00797	0.00781
Miscellaneous manufactures	0.02050	0.02057

**Number of Sample Establishments for MISSI: 2010 - 2015
(2000=100)**

Major sectors / sub-sectors	2010	2011	2012	2013	2014	2015
Manufacturing	586	605	701	790	775	863
Food manufacturing	126	131	144	161	154	156
Processed meat and fish	26	25	25	26	24	23
Processed fruits and vegetables	7	8	8	11	10	13
Vegetable oils and fats	10	13	16	20	20	10
Milk and dairy products	14	14	14	14	14	13
Grain mill products	15	16	16	16	17	6
Animal feeds	13	13	15	16	14	24
Bakery products	10	16	14	15	15	14
Milled and refined sugar	16	10	19	21	20	20
Coconut products	5	5	5	7	7	11
Miscellaneous food	10	11	12	15	13	22
Beverages	15	15	15	14	14	16
Tobacco products	12	15	14	13	13	13
Textiles	23	22	23	27	26	32
Textile products	16	15	16	19	18	23
Cordage, rope and twine	7	7	7	8	8	9
Footwear and wearing apparel	25	25	38	40	31	34
Leather products	10	10	11	18	23	28
Wood and wood products	22	22	26	29	27	29
Planing and sawmill	3	4	6	6	6	6
Veneer and plywood	10	9	11	11	10	11
Other wood products	9	9	9	12	11	12
Paper and paper products	17	18	22	25	25	33
Printing	12	12	12	20	17	19
Petroleum products	4	4	6	6	7	7
Refined petroleum products	2	2	2	2	2	2
Coke and other petroleum products	2	2	4	4	5	5
Chemicals and chemical products	58	61	69	72	73	75
Basic chemical and industrial gases	18	18	20	21	20	20
Fertilizer	5	6	7	6	6	5
Paints	9	9	9	10	10	11
Drugs and medicines	11	11	13	14	14	14
Cosmetics and toilet preparations	9	11	13	12	12	14
Miscellaneous chemicals	6	6	7	9	11	11

**Number of Sample Establishments for MISSI: 2010 - 2015
(2000=100)**

Major sectors / sub-sectors	2010	2011	2012	2013	2014	2015
Rubber and plastic products	38	37	42	50	49	54
Rubber products	12	11	14	14	13	13
Plastic products	26	26	28	36	36	41
Non-metallic mineral products	24	27	29	32	33	40
Glass and glass products	5	7	9	10	10	11
Cement	12	14	14	13	13	14
Other non-metallic mineral products	7	6	6	9	10	15
Basic metals	35	36	40	39	40	40
Iron and steel	28	28	30	27	28	29
Non-ferrous metal	7	8	10	12	12	11
Fabricated metal products	20	20	23	31	29	36
Machinery except electrical	24	27	32	34	39	49
Machinery and equipment nec	11	13	17	19	22	31
Office, accounting and computing machy	13	14	15	15	17	18
Electrical machinery	64	66	85	100	100	107
Electrical appliances	13	15	16	17	18	18
Wires and wirings	7	9	9	12	13	14
Batteries	3	3	3	2	2	3
Lamps and fixtures	12	9	17	27	25	25
Microcircuits	29	30	40	42	42	47
Transport equipments	15	15	22	31	31	36
Furniture and fixtures	27	27	26	28	25	29
Other manufacturing	15	15	22	20	19	30

**List of Major Sectors/Sub-sectors for PPI and their Corresponding Weights: 2010 - 2015
(2000 = 100)**

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
Manufacturing	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Food manufacturing	0.1331	0.1331	0.2057	0.1852	0.1852	0.2000
Processed meat and fish	0.1760	0.1760	0.0915	0.1121	0.1121	0.1077
Processed fruits and vegetables	0.1145	0.1145	0.0103	0.1154	0.1154	0.0949
Vegetable and animal oils and fats	0.1237	0.1237	0.2421	0.1093	0.1093	0.1409
Milk and dairy products	0.1565	0.1565	0.0637	0.2315	0.2315	0.2038
Rice, corn and flour Milling	0.0484	0.0484	0.2069	0.0962	0.0962	0.1417
Bakery products	0.0922	0.0922	0.1340	0.1188	0.1188	0.1268
Sugar milling	0.0610	0.0610	0.0384	0.0542	0.0542	0.0282
Desiccated coconut	0.0140	0.0140	0.0635	0.0109	0.0109	0.0119
Other food products	0.1255	0.1255	0.0890	0.0617	0.0617	0.0755
Prepared animal feeds	0.0881	0.0881	0.0604	0.0900	0.0900	0.0686
Beverages	0.0292	0.0292	0.0396	0.0451	0.0451	0.0447
Tobacco	0.0215	0.0215	0.0341	0.0106	0.0106	0.0184
Textiles	0.0091	0.0091	0.0081	0.0051	0.0051	0.0057
Textile products	0.9174	0.9174	0.9012	0.8656	0.8656	0.9080
Cordage, rope and twine	0.0826	0.0826	0.0988	0.1344	0.1344	0.0920
Footwear and wearing apparel	0.0217	0.0217	0.0138	0.0142	0.0142	0.0146
Leather and leather products	0.0049	0.0049	0.0025	0.0028	0.0028	0.0024
Wood and wood products	0.0083	0.0083	0.0091	0.0082	0.0082	0.0092
Planing and sawmill	0.0517	0.0517	0.0475	0.0417	0.0417	0.0281
Veneer and plywood	0.2223	0.2223	0.2882	0.2573	0.2573	0.1912
Other wood products	0.7261	0.7261	0.6643	0.7010	0.7010	0.7807
Paper and paper products	0.0171	0.0171	0.0161	0.0160	0.0160	0.0130
Publishing and printing	0.0073	0.0073	0.0092	0.0053	0.0053	0.0044
Petroleum products	0.1337	0.1337	0.1006	0.1144	0.1144	0.1117
Refined petroleum products	0.9981	0.9981	0.9993	0.9993	0.9993	0.9936
Coke and other petroleum products	0.0019	0.0019	0.0007	0.0007	0.0007	0.0064
Chemical products excluding Plastic	0.0584	0.0584	0.0648	0.0625	0.0625	0.0570
Basic industrial chemicals and gases	0.2196	0.2196	0.1782	0.1807	0.1807	0.2351
Fertilizers	0.0746	0.0746	0.0839	0.1070	0.1070	0.1191
Paints	0.1223	0.1223	0.1637	0.1704	0.1704	0.1191
Drugs and medicines	0.2839	0.2839	0.2857	0.2404	0.2404	0.2069
Cosmetics and toilet preparation	0.2516	0.2516	0.2243	0.2620	0.2620	0.2098
Misc. chemicals	0.0480	0.0480	0.0642	0.0396	0.0396	0.1100

**List of Major Sectors/Sub-sectors for PPI and their Corresponding Weights: 2010 - 2015
(2000 = 100)**

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
Rubber and plastic products	0.0267	0.0267	0.0324	0.0313	0.0313	0.0328
Rubber products	0.2205	0.2205	0.1576	0.2180	0.2180	0.1875
Plastic products	0.7795	0.7795	0.8424	0.7820	0.7820	0.8125
Non-metallic mineral products	0.0263	0.0263	0.0307	0.0308	0.0308	0.0352
Glass and glass products	0.1247	0.1247	0.1229	0.1218	0.1218	0.0997
Cement	0.5474	0.5474	0.5746	0.5757	0.5757	0.4828
Misc. non-metallic mineral products	0.3279	0.3279	0.3025	0.3025	0.3025	0.4175
Basic metals	0.0650	0.0650	0.0538	0.0616	0.0616	0.0463
Iron and steel	0.4566	0.4566	0.4030	0.4182	0.4182	0.5579
Non-ferrous metals	0.5434	0.5434	0.5970	0.5818	0.5818	0.4421
Fabricated metal products	0.0184	0.0184	0.0195	0.0215	0.0215	0.0204
Machinery excluding electrical	0.1245	0.1245	0.0745	0.0700	0.0700	0.0708
Machinery and equipment, n.e.c	0.2028	0.2028	0.2373	0.1902	0.1902	0.1838
Office, accounting & computing machinery	0.7972	0.7972	0.7627	0.8098	0.8098	0.8162
Electrical machinery	0.2124	0.2124	0.1952	0.1893	0.1893	0.2170
Electrical appliances	0.1086	0.1086	0.1049	0.0421	0.0421	0.0578
Wires and wirings	0.0368	0.0368	0.0330	0.0632	0.0632	0.0374
Batteries	0.0040	0.0040	0.0012	0.0069	0.0069	0.0071
Lamps and fixtures	0.1295	0.1295	0.0889	0.0831	0.0831	0.1116
Microcircuits	0.7211	0.7211	0.7720	0.8048	0.8048	0.7861
Transport equipment	0.0577	0.0577	0.0701	0.1041	0.1041	0.0772
Furniture and fixtures	0.0062	0.0062	0.0050	0.0052	0.0052	0.0051
Miscellaneous manufactures	0.0192	0.0192	0.0151	0.0167	0.0167	0.0142

Note:

2010 - weights were obtained from 2006 CPBI

2011 - weights were obtained from 2006 CPBI

2012 - weights were obtained from 2009 ASPBI

2013 - weights were obtained from 2010 ASPBI

2014 - weights were obtained from 2010 ASPBI

2015 - weights were obtained from 2012 CPBI

**Number of Sample Commodities for PPS: 2010-2015
(2000 = 100)**

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
Manufacturing	617	617	640	731	739	1898
Food manufacturing	133	133	140	164	164	365
Processed meat and fish	19	19	19	24	24	54
Processed fruits and vegetables	8	8	9	12	12	37
Vegetable and animal oils and fats	10	10	11	16	16	40
Dairy products	22	22	23	25	24	35
Rice, corn and flour milling	15	15	16	18	17	45
Animal feeds	11	11	11	12	12	24
Bakery products	12	12	13	13	13	46
Sugar	8	8	8	8	8	27
Coconut products	4	4	4	4	4	11
Other food products	24	24	26	32	34	46
Beverages	17	17	17	23	23	45
Tobacco products	7	7	7	7	7	20
Textiles	28	28	28	32	32	71
Textile products	25	25	25	29	29	51
Cordage, rope & twine	3	3	3	3	3	20
Footwear and wearing apparel	25	25	26	29	29	136
Leather products	20	20	16	17	17	17
Wood and wood products	9	9	11	17	18	69
Planing and sawmill	4	4	5	5	5	11
Veneer and plywood	2	2	3	5	5	25
Other wood products	3	3	3	7	8	33
Paper and paper products	18	18	18	21	22	64
Printing	6	6	10	11	11	34
Petroleum products	14	14	15	15	16	27
Refined petroleum products	11	11	11	11	12	13
Coke and other fuel products	3	3	4	4	4	14
Chemicals and chemical products	65	65	70	74	72	164
Basic industrial chemicals	17	17	20	21	21	34
Fertilizers and pesticides	9	9	7	7	7	14
Paint products	7	7	7	9	7	29
Pharmaceutical and medical products	18	18	18	18	18	21
Cosmetic and toilet preparations	11	11	12	13	13	41
Miscellaneous chemicals	3	3	6	6	6	25

**Number of Sample Commodities for PPS: 2010-2015
(2000 = 100)**

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
Rubber and plastic products	18	18	20	27	27	173
Rubber products	10	10	10	11	11	28
Plastic products	8	8	10	16	16	145
Non-metallic mineral products	26	26	32	33	33	86
Glass and glass products	4	4	4	4	4	24
Cement	7	7	7	7	7	23
Miscellaneous non-metallic mineral products	15	15	21	22	22	39
Basic metals	33	33	33	34	34	81
Iron and steel	21	21	21	21	21	64
Non-ferrous metals	12	12	12	13	13	17
Fabricated metal products	12	12	12	16	16	69
Machinery excluding electrical	45	45	41	48	48	99
Machinery and equipment, n.e.c	38	38	35	42	42	82
Office, accounting and computing machinery	7	7	6	6	6	17
Electrical machinery	64	64	68	83	85	174
Electrical appliances	21	21	19	23	24	42
Wires and wirings	8	8	8	8	8	20
Batteries	4	4	5	14	14	4
Lamps and fixtures	9	9	14	14	14	46
Microcircuits	22	22	22	24	25	62
Transport equipment	23	23	23	25	25	61
Furniture and fixtures	16	16	16	22	24	69
Other manufacturing	38	38	37	33	36	74

Number of Sample Establishments for PPS: 2010 - 2015
(2000 = 100)

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
MANUFACTURING	321	318	330	351	358	728
Food manufacturing	70	73	73	80	81	145
Processed meat and fish	10	11	11	13	13	21
Processed fruits and vegetables	3	3	3	6	5	12
Vegetable and animal oils and fats	7	7	7	9	9	20
Milk and dairy products	10	12	12	11	11	12
Rice, corn and flour milling	5	9	9	9	9	15
Animal feeds	9	6	6	5	5	10
Bakery products	8	8	8	9	9	14
Sugar	6	6	6	6	7	19
Desiccated coconut	3	3	3	3	4	7
Miscellaneous food	12	9	9	9	9	15
Beverages	9	9	9	9	10	15
Tobacco products	4	4	4	5	4	9
Textiles	13	12	14	16	14	29
Textile products	11	10	11	13	11	22
Cordage, rope & twine	2	2	3	3	3	7
Footwear and wearing apparel	11	9	10	13	12	42
Leather products	5	6	7	7	6	12
Wood and wood products	9	9	8	8	8	28
Planing and sawmill	5	5	3	3	3	6
Veneer and plywood	1	1	2	2	2	10
Other wood products	3	3	3	3	3	12
Paper and paper products	10	12	14	14	14	28
Printing	4	4	4	5	2	15
Petroleum products	3	3	4	4	3	6
Refined petroleum products	2	2	2	2	2	2
Coke and other fuel products	1	1	2	2	1	4
Chemical products	32	32	33	34	37	65
Basic industrial chemicals	9	9	10	9	10	16
Fertilizers and pesticides	3	2	2	3	3	4
Paint products	4	4	4	5	5	10
Pharmaceuticals and medical products	8	9	9	9	8	11
Cosmetic and toilet preparation	5	5	5	5	6	13
Miscellaneous chemicals	3	3	3	3	5	11

Number of Sample Establishments for PPS: 2010 - 2015
(2000 = 100)

Major Sectors/Sub-sectors	2010	2011	2012	2013	2014	2015
Rubber and plastic products	11	13	14	15	15	46
Rubber products	4	4	5	5	7	11
Plastic products	7	9	9	10	8	35
Non-metallic mineral products	14	16	16	16	17	33
Glass and glass products	3	3	3	3	3	7
Cement	4	4	4	4	5	12
Miscellaneous non-metallic mineral products	7	9	9	9	9	14
Basic metals	19	20	21	21	21	37
Iron and steel	14	15	16	16	15	27
Non-ferrous metals	5	5	5	5	6	10
Fabricated metal products	10	7	7	8	9	24
Machinery excluding electrical	24	21	21	24	24	36
Machinery and equipment, n.e.c	20	18	18	21	18	26
Office, accounting and computing machinery	4	3	3	3	6	10
Electrical machinery	33	33	34	36	38	80
Electrical appliances	11	13	10	12	14	19
Wires and wirings	4	5	5	5	6	8
Batteries	3	3	3	3	3	3
Lamps and fixtures	5	5	5	5	5	19
Microcircuits	10	9	11	11	10	31
Transport equipment	12	10	11	11	14	25
Furniture and fixtures	9	10	11	11	12	24
Other Manufacturing	16	15	15	14	17	29