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**MALAYSIA**



**INDEKS HARGA PENGELUAR  
PENGELUARAN TEMPATAN**

*PRODUCER PRICE INDEX  
LOCAL PRODUCTION*

**(2010=100)**

**JUN  
JUNE  
2017**

**JABATAN PERANGKAAN MALAYSIA  
DEPARTMENT OF STATISTICS, MALAYSIA**

ISSN 2180 - 1428



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**INDEKS HARGA PENGELUAR  
PENGELUARAN TEMPATAN**

*PRODUCER PRICE INDEX  
LOCAL PRODUCTION*

**[2010=100]**

**JUN 2017**  
*JUNE*

**Tarikh : 31 Julai 2017**  
*Date : 31 July*

**JABATAN PERANGKAAN MALAYSIA**  
*DEPARTMENT OF STATISTICS, MALAYSIA*

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## **KATA PENGANTAR**

Penerbitan Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan, Malaysia merupakan penerbitan bulanan yang memaparkan IHPR meliputi lima sektor iaitu Pertanian, perhutanan dan perikanan; Perlombongan; Pembuatan; Bekalan elektrik dan gas; dan Bekalan air. IHPR Pengeluaran Tempatan disusun berdasarkan data Survei Harga Pengeluar yang dilaksanakan pada setiap bulan. Penerbitan ini turut memuatkan data siri masa indeks bagi tahun 2011 hingga 2016.

IHPR telah disusun buat kali pertama dengan menggunakan tahun 1972 sebagai tahun asas. Selepas itu, ia telah diasaskan semula kepada tahun 1978, 1989, 2000, 2005 dan kini kepada 2010 sebagai tahun asas.

Objektif utama penerbitan ini adalah untuk menyediakan penunjuk jangka pendek yang mengukur purata perubahan harga komoditi yang dikenakan oleh pengeluar tempatan dalam sesuatu industri.

Penerbitan ini mengandungi ringkasan penemuan, jadual-jadual terperinci bagi membantu pengguna membuat analisis dan nota teknikal yang menerangkan berkenaan sumber data, metodologi dan konsep yang digunakan dalam penyusunan indeks.

Jabatan merakamkan setinggi-tinggi penghargaan kepada semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam merealisasikan penerbitan ini. Setiap maklum balas dan cadangan daripada semua pihak untuk penambahbaikan penerbitan ini pada masa hadapan amat dihargai.

**DR. MOHD UZIR MAHIDIN**

Ketua Perangkawan Malaysia

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## **PREFACE**

*The publication of Producer Price Index (PPI) Local Production, Malaysia is a monthly publication which presents PPI covering five sectors namely Agriculture, forestry and fishing; Mining; Manufacturing; Electricity and gas supply; and Water supply. PPI is compiled based on the data from the Producer Price Survey which conducted on monthly basis. This publication also includes time series data of index for the years 2011 to 2016.*

*The PPI was compiled for the first time using 1972 as the base year. Subsequently, it has been rebased to 1978, 1989, 2000, 2005 and now to 2010 as the base year.*

*The main objective of this publication is to provide short-term indicator that measures the average changes in price of commodities charged by domestic producers of an industry.*

*This publication contains the summary of findings, detailed tables to facilitate users for analysis and technical notes that explains data sources, methodology and concepts used in the compilation of the index.*

*The Department gratefully acknowledges the cooperation rendered by all parties who have contributed directly and indirectly in realizing this publication. Every feedback and suggestions towards improving the future publication is highly appreciated.*

**DR. MOHD UZIR MAHIDIN**

*Chief Statistician Malaysia*



# SEPINTAS LALU / *SNAPSHOT*

IHPR PENGELUARAN TEMPATAN, JUN 2017

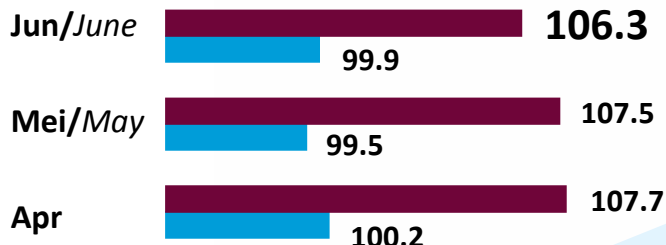
*PPI FOR LOCAL PRODUCTION, June 2017*

IHPr Pengeluaran Tempatan **naik 6.4%** pada Jun 2017 berbanding Jun 2016

*PPI for Local Production **increased 6.4%** in June 2017 compared to June 2016*

## Indeks Keseluruhan Overall Index

■ 2017 ■ 2016

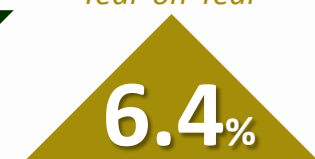


## Perubahan Peratus Percentage Change

Bulan ke Bulan  
Month-on-Month

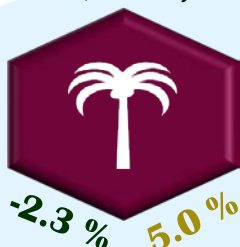


Tahun ke Tahun  
Year-on-Year

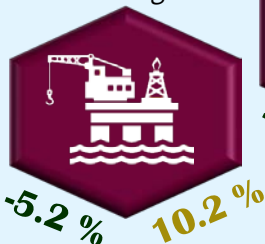


## Perubahan Peratus mengikut Sektor Percentage Change by Sector

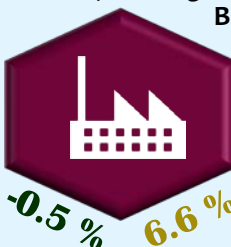
Pertanian, Perhutanan & Perikanan  
Agriculture, Forestry & Fishing



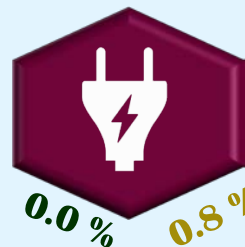
Perlombongan  
Mining



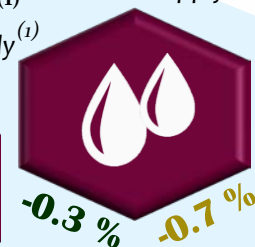
Pembuatan  
Manufacturing



Bekalan elektrik & gas<sup>(1)</sup>  
Electricity & gas supply<sup>(1)</sup>



Bekalan air<sup>(1)</sup>  
Water supply<sup>(1)</sup>

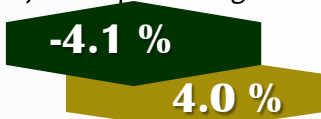


Nota: <sup>(1)</sup> Harga yang digunakan dalam pengiraan indeks merujuk kepada harga transaksi bersih bagi jualan ouput yang diterima oleh pengeluar  
 Note: <sup>(1)</sup> The price used in the calculation of the index refers to the net transaction prices for sales of output received by producers

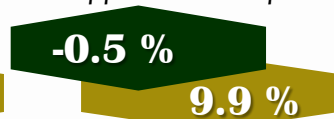
## Perubahan Peratus mengikut Peringkat Pemrosesan Percentage Change by Stage of Processing



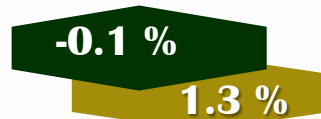
Bahan mentah untuk diproseskan selanjutnya  
Crude materials for further processing



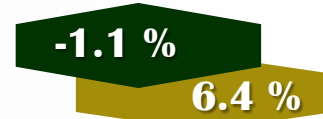
Bahan perantara, bekalan dan komponen  
Intermediate materials, supplies and components



Barang siap  
Finished goods



Jumlah  
Total



Sumber: Indeks Harga Pengeluar Pengeluaran Tempatan (2010=100), Jun 2017

Source: Producer Price Index Local Production (2010=100), June 2017

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# **RINGKASAN PENEMUAN**

*SUMMARY OF  
FINDINGS*

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# RINGKASAN PENEMUAN

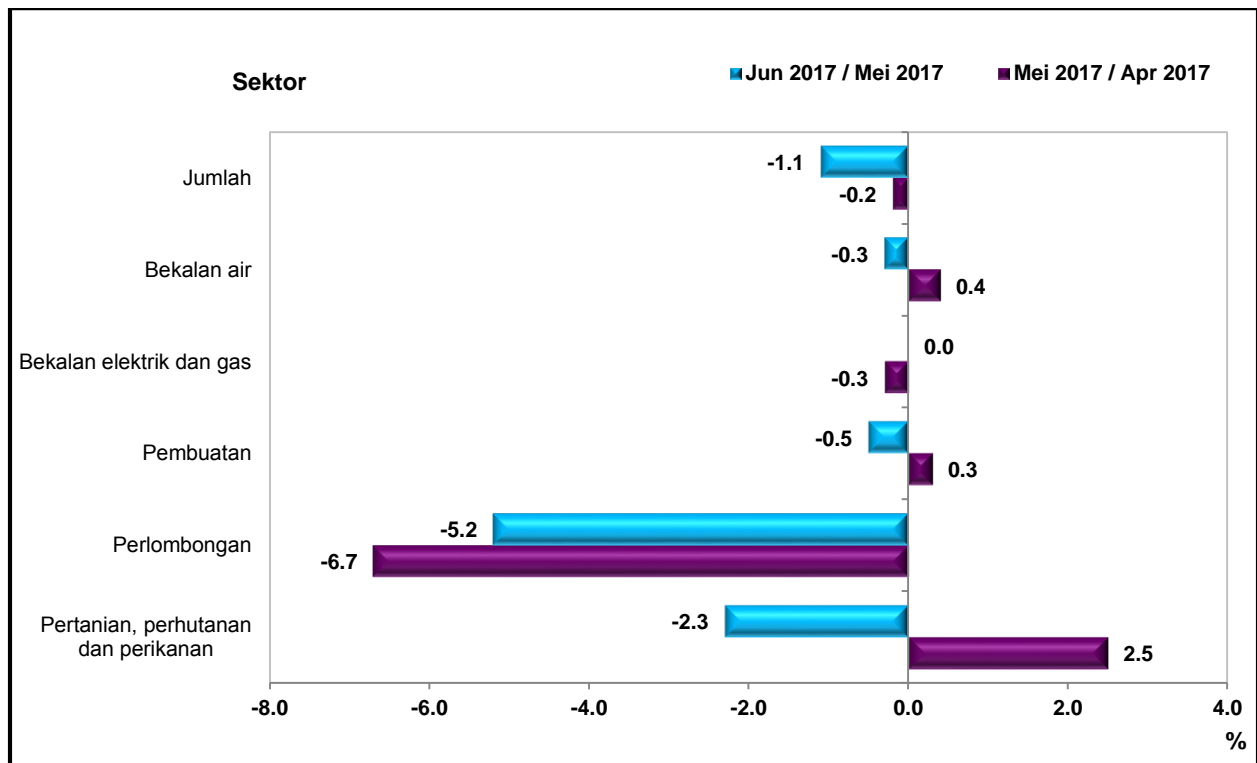
## INDEKS HARGA PENGELUAR (IHPR) PENGELUARAN TEMPATAN JUN 2017

### Perubahan bulan ke bulan

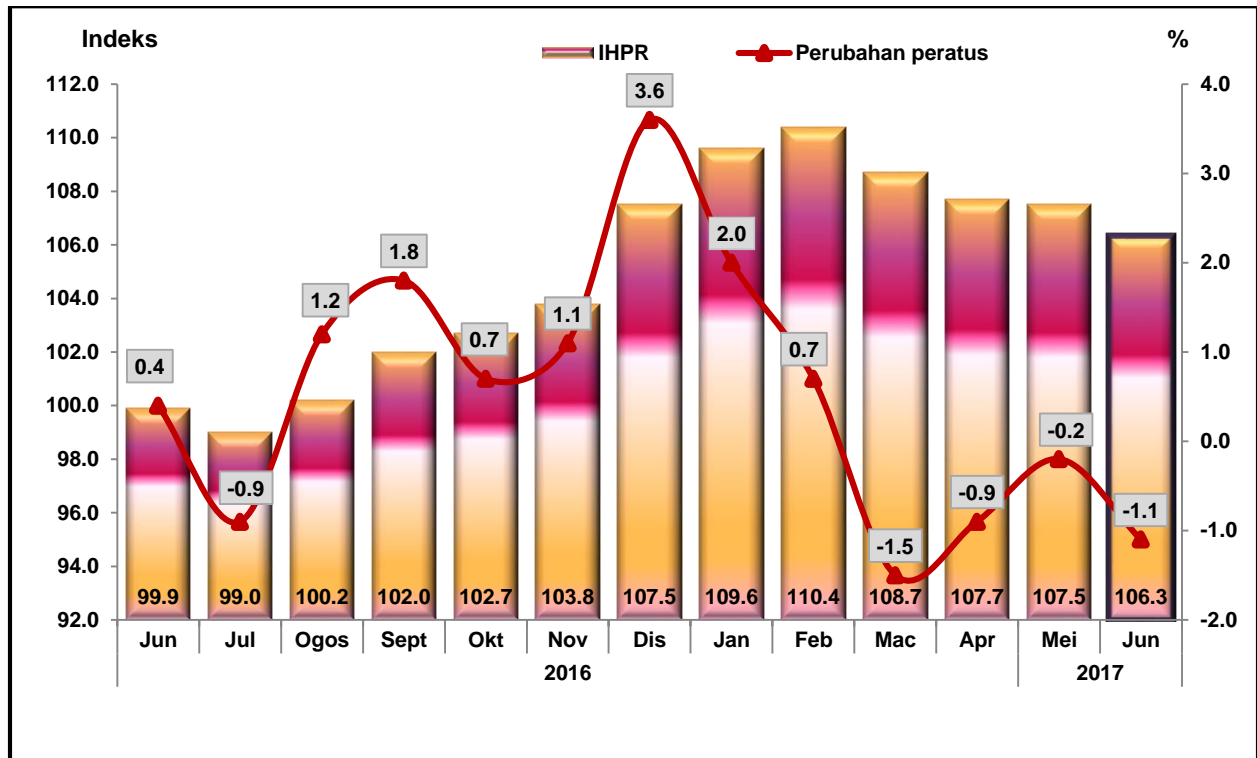
Indeks Harga Pengeluar (IHPR) bagi pengeluaran tempatan turun 1.1 peratus pada Jun 2017 berbanding Mei 2017. Penurunan indeks keseluruhan dicerminkan oleh harga yang lebih rendah diurusniagakan oleh pengeluar bagi empat sektor iaitu Perlombongan (-5.2%), Pertanian, perhutanan dan perikanan (-2.3%), Pembuatan (-0.5%) dan Bekalan air (-0.3%). Sementara itu, indeks Bekalan elektrik & gas kekal tidak berubah pada 114.2.

[Carta 1 dan Jadual 1]

**Carta 1 : Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), Jun 2017 / Mei 2017**



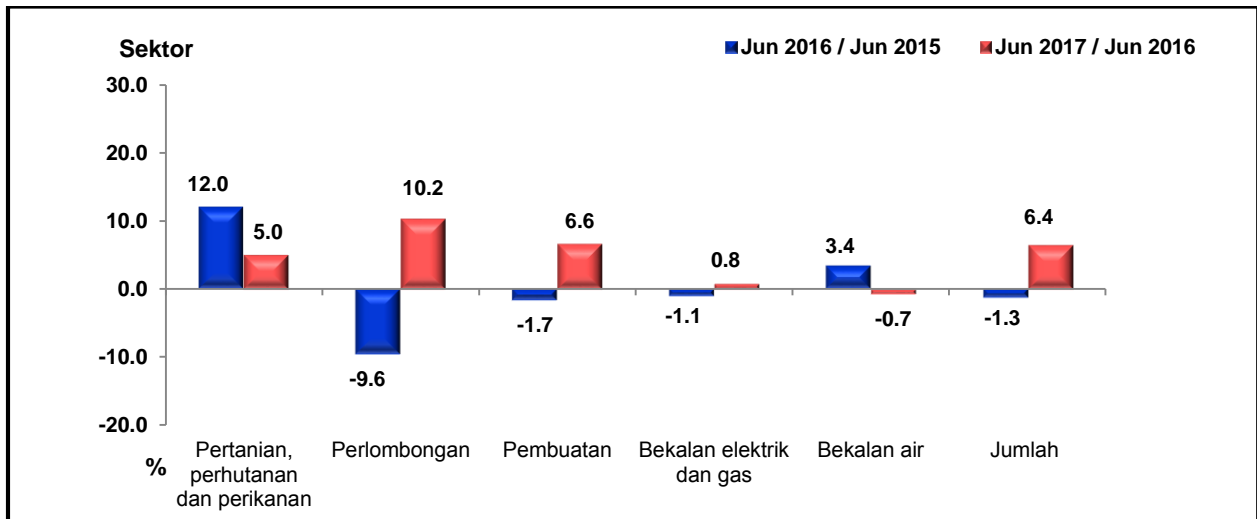
**Carta 2 : IHPR (2010=100) bagi pengeluaran tempatan dan perubahan peratus, Jun 2016 - Jun 2017**



### Perubahan tahun ke tahun

Perbandingan tahun ke tahun menunjukkan Indeks Harga Pengeluar (IHPR) pengeluaran tempatan meningkat kepada 6.4 peratus pada Jun 2017. Kenaikan tertinggi dicatatkan oleh indeks Perlombongan (+10.2%) diikuti oleh Pembuatan (+6.6%), Pertanian, perhutanan & perikanan (+5.0%) dan Bekalan elektrik & gas (+0.8%). Sementara itu, Bekalan air turun (-0.7%). [Carta 3 dan Jadual 1]

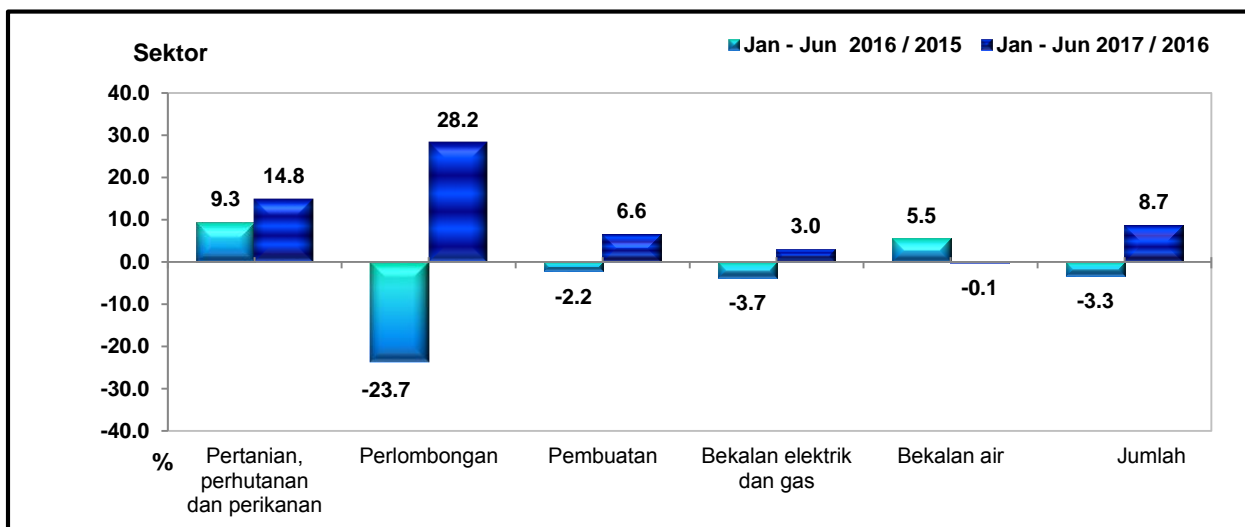
**Carta 3 : Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), Jun 2017 / Jun 2016**



**Perubahan IHPR bagi tempoh Januari - Jun 2017/2016**

Pada tempoh Januari - Jun 2017, IHPR purata bagi pengeluaran tempatan naik 8.7 peratus berbanding tempoh yang sama tahun 2016. Ini disebabkan oleh kenaikan indeks bagi empat sektor iaitu Perlombongan (+28.2%), Pertanian, perhutanan & perikanan (+14.8%), Pembuatan (+6.6%) dan Bekalan elektrik dan gas (+3.0%). Sebaliknya, indeks bagi Bekalan air turun sebanyak 0.1 peratus. [Carta 4 dan Jadual 1.1a]

**Carta 4 : Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), bagi tempoh Januari - Jun 2017 / 2016**



## IHPR pengeluaran tempatan mengikut peringkat pemprosesan

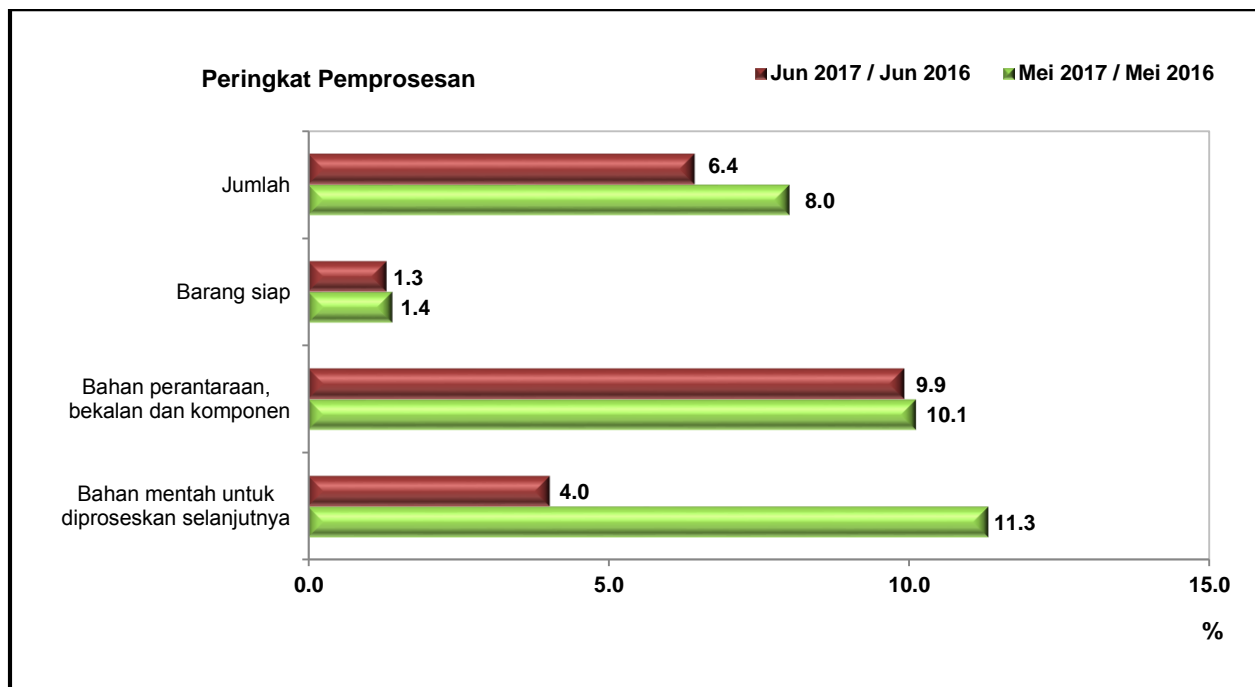
### Perubahan bulan ke bulan

Penurunan 1.1 peratus IHPR pengeluaran tempatan mengikut peringkat pemprosesan adalah hasil daripada perubahan negatif kesemua peringkat pemprosesan iaitu Bahan mentah untuk diproseskan selanjutnya (-4.1%), Bahan perantaraan, bekalan dan komponen (-0.5%) dan Barang siap (-0.1%).

### Perubahan tahun ke tahun

Berbanding bulan yang sama setahun lalu, IHPR pengeluaran tempatan mengikut peringkat pemprosesan bagi Jun 2017 naik 6.4 peratus. Peningkatan ini disebabkan oleh kenaikan indeks Bahan perantaraan, bekalan dan komponen (+9.9%), Bahan mentah untuk diproseskan selanjutnya (+4.0%) dan Barang siap (+1.3%). [Carta 5 dan Jadual 4]

**Carta 5 : Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut peringkat pemprosesan, Jun 2017 / Jun 2016**



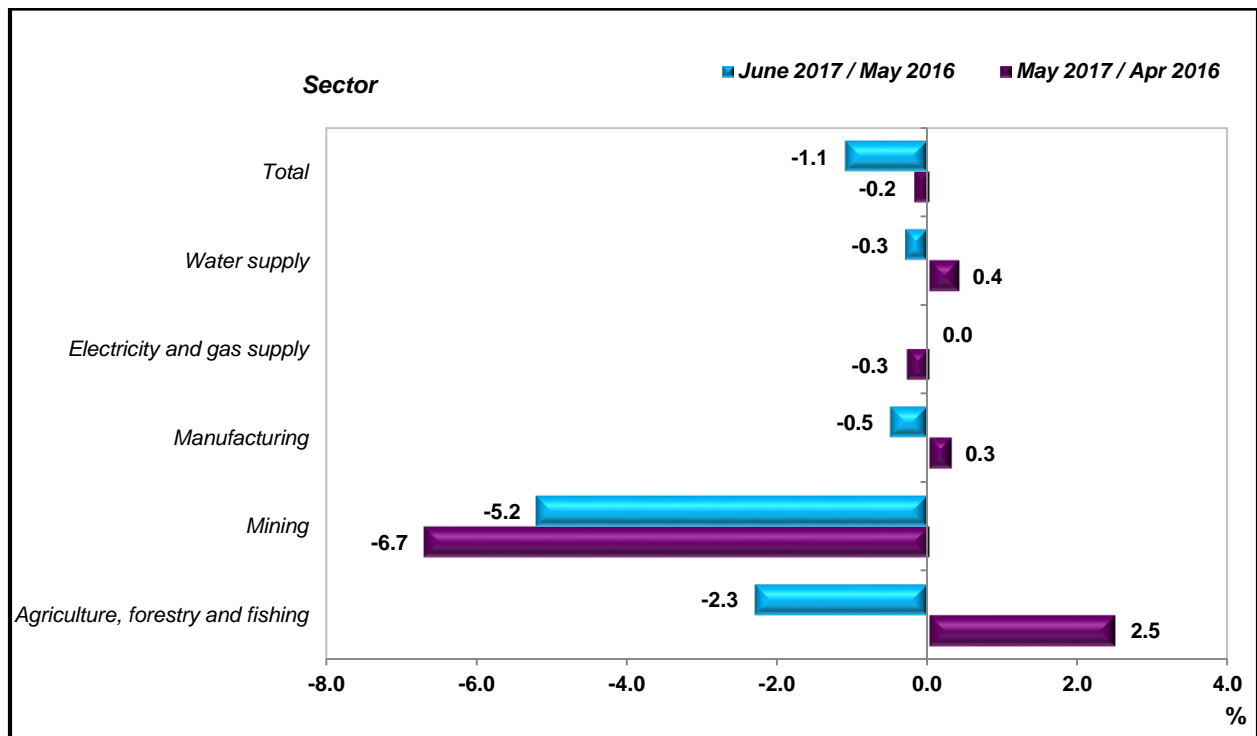
# SUMMARY OF FINDINGS

## PRODUCER PRICE INDEX (PPI) LOCAL PRODUCTION JUNE 2017

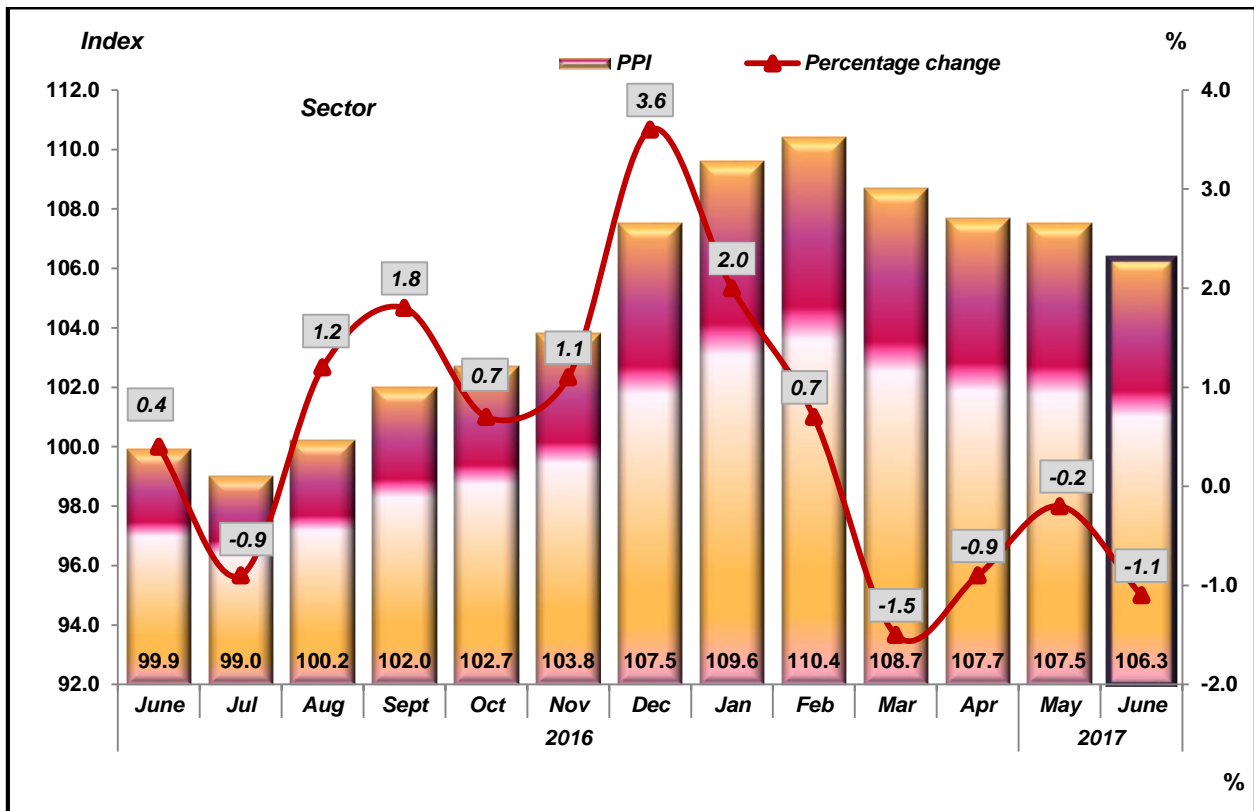
### Month-on-Month Change

The Producer Price Index (PPI) for local production moved down 1.1 per cent in June 2017 as compared to May 2017. The drop in the overall index was due to lower prices transacted by producers for four sectors that is Mining (-5.2%), Agriculture, forestry and fishing (-2.3%), Manufacturing (-0.5%) and Water supply (-0.3%). Meanwhile, the index for Electricity & gas supply remain unchanged at 114.2. [Chart 1 and Table 1].

**Chart 1 : Percentage change of PPI (2010=100) for local production by sector (MSIC 2008), June 2017 / May 2017**



**Chart 2 : PPI (2010=100) for local production and percentage change, June 2016 – June 2017**

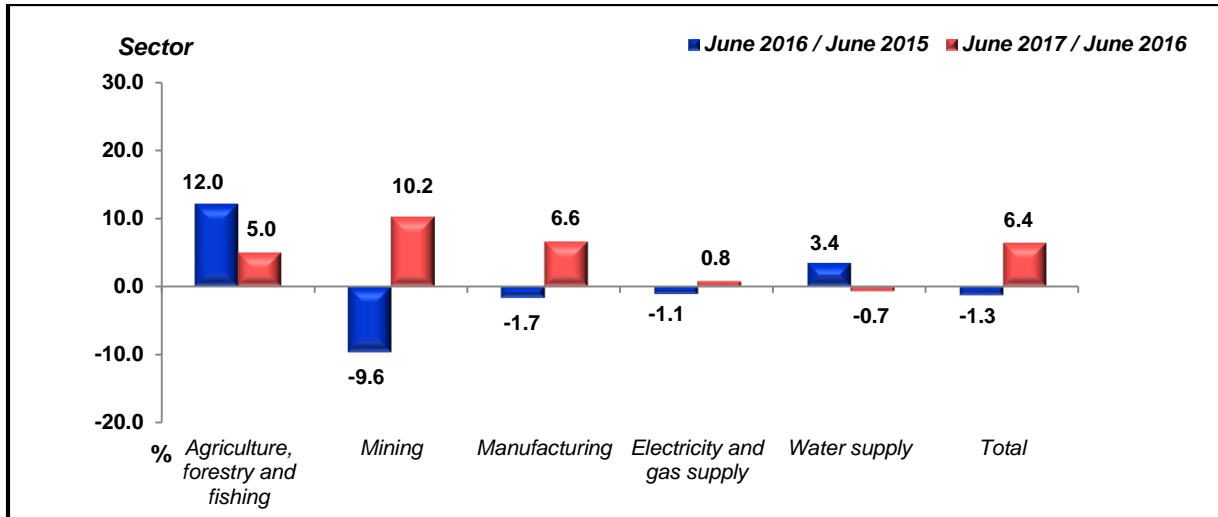


### **Year-on-Year Change**

Year-on-year comparison showed that the Producer Price Index (PPI) for local production increased 6.4 per cent in June 2017. The highest increase was recorded by Mining index (+10.2%) followed by Manufacturing (+6.6%), Agriculture, forestry & fishing (+5.0%) and Electricity & gas supply (+0.8%). However, Water supply decreased (-0.7%).

[Chart 3 and Table 1]

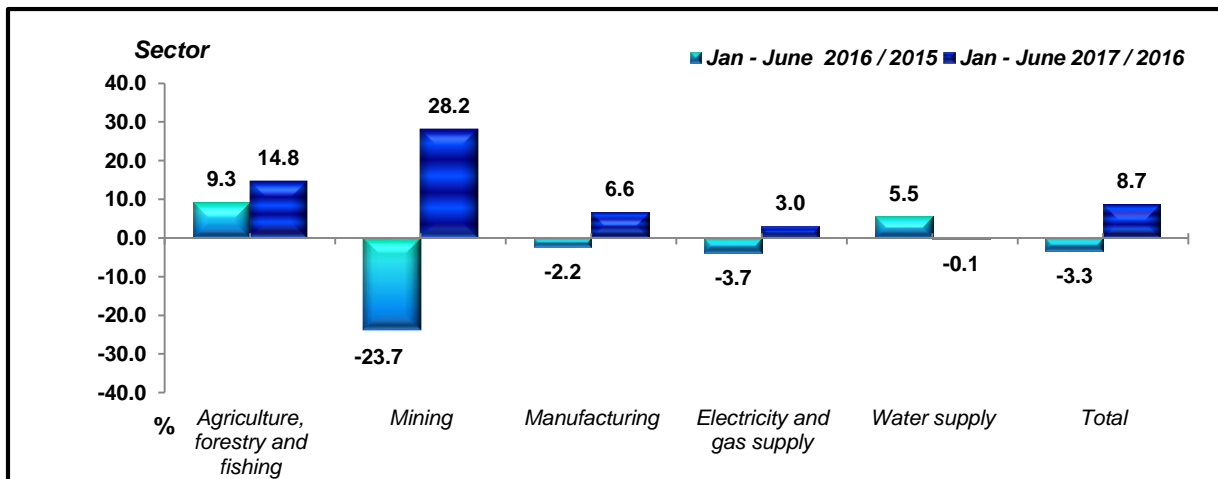
**Chart 3 : Percentage change of PPI (2010=100) for local production by sector (MSIC 2008), June 2017 / June 2016**



**PPI changes for the period January – June 2017/2016**

During January - June 2017, the average PPI for local production rose 8.7 per cent as compared to the same period in 2016. This was due to the increases in index for four sectors, that is Mining (+28.2%), Agriculture, forestry & fishing (+14.8%), Manufacturing (+6.6%) and Electricity & gas supply (+3.0%). However, the index for Water supply moved down 0.1 per cent. [Chart 4 and Table 1.1a]

**Chart 4 : Percentage change of PPI (2010=100) for local production by sector (MSIC 2008), for the period January - June 2017 / 2016**



**PPI for local production by stage of processing**

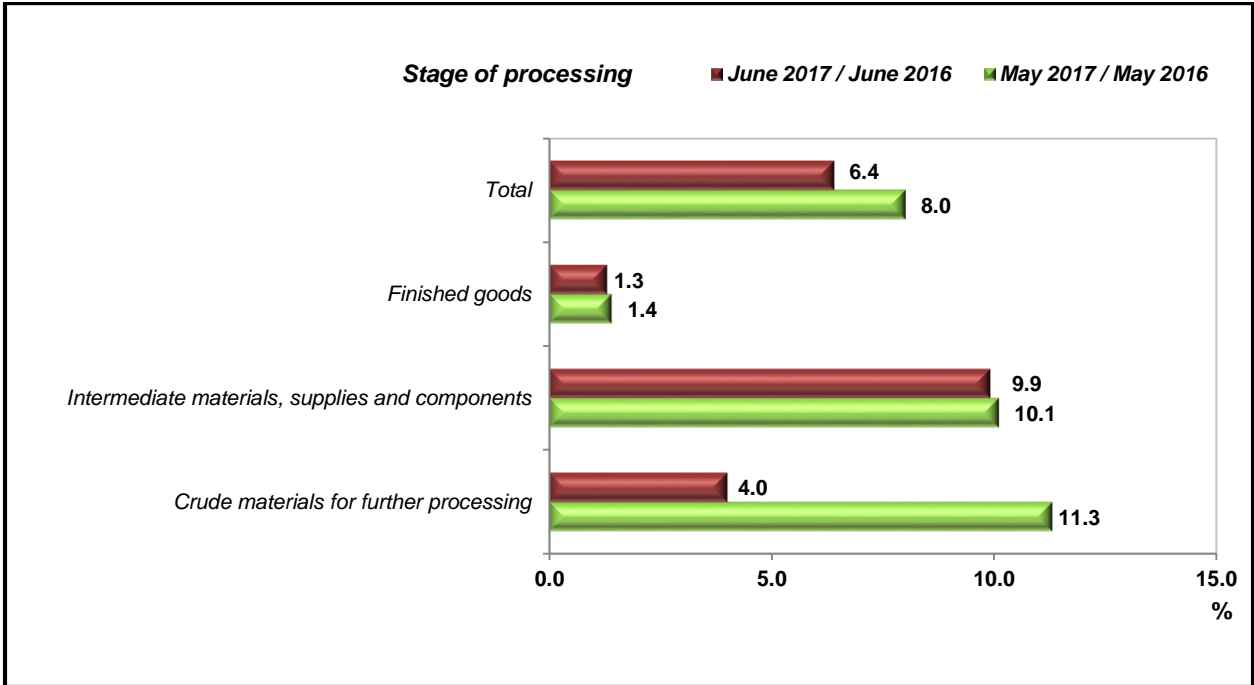
**Month-on-Month Change**

The decrease of 1.1 per cent in PPI for local production by stage of processing (SOP) was the result from negative changes in the indices for all stage of processing which is Crude materials for further processing (-4.1%), Intermediate materials, supplies and components (-0.5%) and Finished goods (-0.1%).

**Year-on-Year Change**

As compared with the same month a year ago, the PPI for local production by SOP for June 2017 increased 6.4 per cent. This was due to increases in index for Intermediate materials, supplies and components (+9.9%), Crude materials for further processing (+4.0%) and Finished goods (+1.3%). [Chart 5 and Table 4]

**Chart 5 : Percentage change for PPI (2010=100) for local production by stage of processing, June 2017 / June 2016**





**JADUAL**  
*TABLE*

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**JADUAL**  
**TABLE 1**

**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut sektor (MSIC 2008) dan peringkat pemprosesan, Malaysia**  
*PPI (2010=100) for local production, percentage change by sector (MSIC 2008) and stage of processing, Malaysia*

Sektor dan Peringkat pemprosesan <i>Sector and Stage of processing</i>	Kod Code	Wajaran Weights	Indeks Index			Perubahan peratus Percentage change	
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017
<b>Jumlah</b> <i>Total</i>		<b>100.00</b>	<b>99.9</b>	<b>107.5</b>	<b>106.3</b>	<b>-1.1</b>	<b>6.4</b>
<b>Pertanian, perhutanan dan perikanan</b> <i>Agriculture, forestry and fishing</i>	<b>A</b>	8.15	104.9	112.7	110.1	-2.3	5.0
<b>Perlombongan</b> <i>Mining</i>	<b>B</b>	9.67	73.2	85.1	80.7	-5.2	10.2
<b>Pembuatan</b> <i>Manufacturing</i>	<b>C</b>	78.79	102.1	109.4	108.8	-0.5	6.6
<b>Bekalan elektrik dan gas</b> <i>Electricity and gas supply</i>	<b>D</b>	3.05	113.3	114.2	114.2	0.0	0.8
<b>Bekalan air</b> <i>Water supply</i>	<b>E</b>	0.34	114.9	114.5	114.1	-0.3	-0.7
<b>IHPR mengikut peringkat pemprosesan</b> <i>PPI by stage of processing</i>		<b>100.00</b>	<b>99.9</b>	<b>107.5</b>	<b>106.3</b>	<b>-1.1</b>	<b>6.4</b>
<b>Bahan mentah untuk diproseskan selanjutnya</b> <i>Crude materials for further processing</i>	<b>1</b>	20.32	96.2	104.3	100.0	-4.1	4.0
<b>Bahan perantaraan, bekalan dan komponen</b> <i>Intermediate materials, supplies and components</i>	<b>2</b>	53.56	100.1	110.5	110.0	-0.5	9.9
<b>Barang siap</b> <i>Finished goods</i>	<b>3</b>	26.12	102.4	103.8	103.7	-0.1	1.3

**JADUAL** 1.1  
**TABLE**

**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut sektor, bahagian dan kumpulan (MSIC 2008), Malaysia**  
*PPI (2010=100) for local production, percentage change by sector, division and group (MSIC 2008), Malaysia*

Sektor, Bahagian & Kumpulan	Kod Code	Wajaran Weights	Indeks Index			Perubahan peratus Percentage change		Sector, Division & Group
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017	
<b>Jumlah</b>		<b>100.00</b>	<b>99.9</b>	<b>107.5</b>	<b>106.3</b>	<b>-1.1</b>	<b>6.4</b>	<b>Total</b>
<b>Pertanian, Perhutanan dan Perikanan</b>	<b>A</b>	<b>8.15</b>	<b>104.9</b>	<b>112.7</b>	<b>110.1</b>	<b>-2.3</b>	<b>5.0</b>	<b>Agriculture, forestry and fishing</b>
<b>Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan</b>	<b>01</b>	<b>6.63</b>	<b>100.2</b>	<b>108.8</b>	<b>105.3</b>	<b>-3.2</b>	<b>5.1</b>	<b>Crop and animal production, hunting and related services activities</b>
Penanaman tanaman tidak kekal	011	0.45	132.6	134.9	133.4	-1.1	0.6	<i>Growing of non-perennial crops</i>
Penanaman tanaman kekal	012	5.55	95.6	105.6	101.1	-4.3	5.8	<i>Growing of perennial crops</i>
Pengeluaran ternakan	014	0.63	117.5	117.8	122.1	3.7	3.9	<i>Animal production</i>
<b>Perhutanan dan pembalakan</b>	<b>02</b>	<b>0.57</b>	<b>130.0</b>	<b>128.6</b>	<b>129.7</b>	<b>0.9</b>	<b>-0.2</b>	<b>Forestry and logging</b>
Pembalakan	022	0.57	130.0	128.6	129.7	0.9	-0.2	<i>Logging</i>
<b>Perikanan dan akuakultur</b>	<b>03</b>	<b>0.95</b>	<b>122.5</b>	<b>130.5</b>	<b>131.5</b>	<b>0.8</b>	<b>7.3</b>	<b>Fishing and aquaculture</b>
Perikanan	031	0.64	127.7	140.3	141.7	1.0	11.0	<i>Fishing</i>
Akuakultur	032	0.31	111.5	109.9	110.2	0.3	-1.2	<i>Aquaculture</i>
<b>Perlombongan</b>	<b>B</b>	<b>9.67</b>	<b>73.2</b>	<b>85.1</b>	<b>80.7</b>	<b>-5.2</b>	<b>10.2</b>	<b>Mining</b>
<b>Pengekstrakan petroleum mentah &amp; gas asli</b>	<b>06</b>	<b>9.67</b>	<b>73.2</b>	<b>85.1</b>	<b>80.7</b>	<b>-5.2</b>	<b>10.2</b>	<b>Extraction of crude petroleum and natural gas</b>
Pengekstrakan petroleum mentah	061	7.42	80.5	89.9	81.7	-9.1	1.5	<i>Extraction of crude petroleum</i>
Pengekstrakan gas asli	062	2.25	49.5	69.3	77.2	11.4	56.0	<i>Extraction of natural gas</i>
<b>Pembuatan</b>	<b>C</b>	<b>78.79</b>	<b>102.1</b>	<b>109.4</b>	<b>108.8</b>	<b>-0.5</b>	<b>6.6</b>	<b>Manufacturing</b>
<b>Pembuatan produk makanan</b>	<b>10</b>	<b>13.63</b>	<b>102.7</b>	<b>111.2</b>	<b>109.5</b>	<b>-1.5</b>	<b>6.6</b>	<b>Manufacture of food products</b>
Pembuatan minyak dan lemak daripada sayuran dan haiwan	104	10.44	98.4	108.7	106.3	-2.2	8.0	<i>Manufacture of vegetable and animal oils and fats</i>
Pembuatan produk tenusu	105	0.63	120.6	127.7	130.9	2.5	8.5	<i>Manufacture of dairy products</i>
Pembuatan produk bijian, kanji dan produk berkanji	106	0.43	106.2	106.7	107.1	0.4	0.8	<i>Manufacture of grain mill products, starches and starch products</i>
Pembuatan produk makanan lain	107	2.13	117.5	119.1	119.1	0.0	1.4	<i>Manufacture of other food products</i>
<b>Pembuatan minuman</b>	<b>11</b>	<b>0.63</b>	<b>107.6</b>	<b>106.1</b>	<b>106.4</b>	<b>0.3</b>	<b>-1.1</b>	<b>Manufacture of beverages</b>
Pembuatan minuman ringan	110	0.63	107.6	106.1	106.4	0.3	-1.1	<i>Manufacture of beverages</i>
<b>Pembuatan produk tembakau</b>	<b>12</b>	<b>0.22</b>	<b>115.9</b>	<b>115.8</b>	<b>116.2</b>	<b>0.3</b>	<b>0.3</b>	<b>Manufacture of tobacco products</b>
Pembuatan produk tembakau	120	0.22	115.9	115.8	116.2	0.3	0.3	<i>Manufacture of tobacco products</i>
<b>Pembuatan tekstil</b>	<b>13</b>	<b>0.47</b>	<b>100.6</b>	<b>99.2</b>	<b>97.2</b>	<b>-2.0</b>	<b>-3.4</b>	<b>Manufacture of textiles</b>
Pemintalan, penenunan dan penyiapan tekstil	131	0.47	100.6	99.2	97.2	-2.0	-3.4	<i>Spinning, weaving and finishing of textiles</i>

**JADUAL  
TABLE 1.1**
**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut sektor, bahagian dan kumpulan (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production, percentage change by sector, division and group (MSIC 2008), Malaysia (cont'd)*

Sektor, Bahagian & Kumpulan	Kod Code	Wajaran Weights	Indeks Index			Perubahan peratus Percentage change		Sector, Division & Group
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017	
<b>Pembuatan pakaian</b>	<b>14</b>	<b>0.39</b>	<b>104.9</b>	<b>106.3</b>	<b>106.4</b>	<b>0.1</b>	<b>1.4</b>	<b>Manufacture of wearing apparel</b>
Pembuatan pakaian, kecuali pakaian berbulu	141	0.39	104.9	106.3	106.4	0.1	1.4	Manufacture of wearing apparel, except fur apparel
<b>Pembuatan produk kulit dan barangan berkaitan</b>	<b>15</b>	<b>0.09</b>	<b>110.6</b>	<b>104.6</b>	<b>104.6</b>	<b>0.0</b>	<b>-5.4</b>	<b>Manufacture of leather and related products</b>
Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah, pembersihan dan pewarnaan bulu	151	0.02	108.6	108.6	108.1	-0.5	-0.5	Tanning and dressing of leather, manufacture of luggage, handbags, saddlery and harness, dressing and dyeing of fur
Pembuatan kasut	152	0.07	111.1	103.6	103.6	0.0	-6.8	Manufacture of footwear
<b>Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman</b>	<b>16</b>	<b>1.85</b>	<b>129.2</b>	<b>130.6</b>	<b>130.2</b>	<b>-0.3</b>	<b>0.8</b>	<b>Manufacture of wood of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</b>
Pengilangan dan pengetaman kayu	161	0.53	157.5	154.7	154.8	0.1	-1.7	Sawmilling and planing of wood
Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	162	1.32	117.8	121.0	120.4	-0.5	2.2	Manufacture of products of wood, cork, straw and plaiting materials
<b>Pembuatan kertas dan produk kertas</b>	<b>17</b>	<b>1.08</b>	<b>107.4</b>	<b>112.1</b>	<b>113.0</b>	<b>0.8</b>	<b>5.2</b>	<b>Manufacture of paper and paper products</b>
Pembuatan kertas dan produk kertas	170	1.08	107.4	112.1	113.0	0.8	5.2	Manufacture of paper and paper products
<b>Percetakan dan penerbitan semula media rakaman</b>	<b>18</b>	<b>0.73</b>	<b>102.1</b>	<b>102.5</b>	<b>102.5</b>	<b>0.0</b>	<b>0.4</b>	<b>Printing and reproduction of recorded media</b>
Percetakan dan aktiviti perkhidmatan berkaitan percetakan	181	0.73	102.1	102.5	102.5	0.0	0.4	Printing and service activities related to printing
<b>Pembuatan kok dan produk petroleum bertapis</b>	<b>19</b>	<b>11.39</b>	<b>84.1</b>	<b>112.6</b>	<b>112.8</b>	<b>0.2</b>	<b>34.1</b>	<b>Manufacture of coke and refined petroleum products</b>
Pembuatan produk petroleum bertapis	192	11.39	84.1	112.6	112.8	0.2	34.1	Manufacture of refined petroleum products
<b>Pembuatan kimia dan produk kimia</b>	<b>20</b>	<b>7.22</b>	<b>113.3</b>	<b>117.9</b>	<b>115.8</b>	<b>-1.8</b>	<b>2.2</b>	<b>Manufacture of chemicals and chemical products</b>
Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	201	5.57	115.0	120.6	118.0	-2.2	2.6	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms
Pembuatan produk kimia lain	202	1.65	107.4	108.6	108.3	-0.3	0.8	Manufacture of other chemical products
<b>Pembuatan produk farmaseutikal asas, kimia perubatan dan botani</b>	<b>21</b>	<b>0.24</b>	<b>110.9</b>	<b>112.5</b>	<b>111.4</b>	<b>-1.0</b>	<b>0.5</b>	<b>Manufacture of basic pharmaceutical products and pharmaceutical preparations</b>
Pembuatan produk farmaseutikal, kimia perubatan dan botani	210	0.24	110.9	112.5	111.4	-1.0	0.5	Manufacture of pharmaceutical, medical chemical and botanical products
<b>Pembuatan produk getah dan plastik</b>	<b>22</b>	<b>5.38</b>	<b>97.0</b>	<b>102.6</b>	<b>101.9</b>	<b>-0.7</b>	<b>5.1</b>	<b>Manufacture of rubber and plastics products</b>
Pembuatan produk getah	221	3.05	89.7	98.2	96.8	-1.4	7.9	Manufacture of rubber products
Pembuatan produk plastik	222	2.33	106.6	108.3	108.6	0.3	1.9	Manufacture of plastics products

**JADUAL  
TABLE 1.1**
**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut sektor, bahagian dan kumpulan (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production, percentage change by sector, division and group (MSIC 2008), Malaysia (cont'd)*

Sektor, Bahagian & Kumpulan	Kod Code	Wajaran Weights	Indeks Index			Perubahan peratus Percentage change		Sector, Division & Group
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017	
<b>Pembuatan produk galian bukan logam lain</b>	<b>23</b>	<b>2.47</b>	<b>111.4</b>	<b>109.6</b>	<b>110.1</b>	<b>0.5</b>	<b>-1.2</b>	<b>Manufacture of other non-metallic mineral products</b>
Pembuatan kaca dan produk kaca	231	0.53	112.4	112.8	115.5	2.4	2.8	Manufacture of glass and glass products
Pembuatan pengeluaran galian bukan logam t.t.t.l.	239	1.94	111.1	108.8	108.7	-0.1	-2.2	Manufacture of non-metallic mineral products n.e.c.
<b>Pembuatan logam asas</b>	<b>24</b>	<b>4.50</b>	<b>98.5</b>	<b>104.6</b>	<b>103.4</b>	<b>-1.1</b>	<b>5.0</b>	<b>Manufacture of basic metals</b>
Pembuatan besi dan keluli asas	241	2.88	96.9	101.4	100.5	-0.9	3.7	Manufacture of basic iron and steel
Pembuatan logam asas berharga dan logam bukan ferus lain	242	1.62	101.3	110.3	108.6	-1.5	7.2	Manufacture of basic precious and other non-ferrous metals
<b>Pembuatan produk logam, kecuali mesin dan kelengkapan</b>	<b>25</b>	<b>2.23</b>	<b>100.1</b>	<b>102.4</b>	<b>102.0</b>	<b>-0.4</b>	<b>1.9</b>	<b>Manufacture of fabricated metal products, except machinery and equipment</b>
Pembuatan produk struktur logam, tangki, takungan dan penjana wap	251	0.59	99.9	102.9	102.8	-0.1	2.9	Manufacture of structural metal products, tanks, reservoirs and steam generators
Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam	259	1.64	100.2	102.2	101.7	-0.5	1.5	Manufacture of other fabricated metal products; metal working services activities
<b>Pembuatan komputer, produk elektronik dan optikal</b>	<b>26</b>	<b>18.14</b>	<b>106.2</b>	<b>106.7</b>	<b>106.4</b>	<b>-0.3</b>	<b>0.2</b>	<b>Manufacture of computer, electronic and optical products</b>
Pembuatan komponen dan papan elektronik	261	9.18	114.3	115.9	115.7	-0.2	1.2	Manufacture of electronic components and boards
Pembuatan komputer dan kelengkapan peranti	262	3.04	95.9	98.4	95.2	-3.3	-0.7	Manufacture of computers and peripheral equipment
Pembuatan peralatan komunikasi	263	1.15	100.7	101.3	103.2	1.9	2.5	Manufacture of communication equipment
Pembuatan peralatan elektronik pengguna	264	4.07	97.5	94.5	95.3	0.8	-2.3	Manufacture of consumer electronics
Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan, jam tangan dan jam	265	0.25	84.3	79.4	78.5	-1.1	-6.9	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
Pembuatan peralatan penyinaran, perubatan elektro dan eletroterapeutik	266	0.15	131.4	135.4	137.2	1.3	4.4	Manufacture of irradiation, electromedical and electrotherapeutic equipment
Pembuatan instrumen optikal dan kelengkapan fotografi	267	0.30	106.2	106.7	106.4	-0.3	0.2	Manufacture of optical instruments and photographic equipment
<b>Pembuatan kelengkapan elektrik</b>	<b>27</b>	<b>1.96</b>	<b>98.2</b>	<b>104.9</b>	<b>105.1</b>	<b>0.2</b>	<b>7.0</b>	<b>Manufacture of electrical equipment</b>
Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	271	0.69	105.2	104.6	105.4	0.8	0.2	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
Pembuatan pendawaian dan peranti pendawaian	273	0.86	91.2	105.2	103.5	-1.6	13.5	Manufacture of wiring and wiring devices
Pembuatan perkakasan domestik	275	0.41	101.0	104.6	107.8	3.1	6.7	Manufacture of domestic appliances
<b>Pembuatan jentera dan peralatan t.t.t.l.</b>	<b>28</b>	<b>1.65</b>	<b>102.0</b>	<b>100.6</b>	<b>100.9</b>	<b>0.3</b>	<b>-1.1</b>	<b>Manufacture of machinery and equipment n.e.c.</b>
Pembuatan jentera kegunaan umum	281	1.17	101.9	99.8	100.2	0.4	-1.7	Manufacture of general - purpose machinery
Pembuatan jentera kegunaan khas	282	0.48	102.3	102.5	102.5	0.0	0.2	Manufacture of special - purpose machinery
<b>Pembuatan kenderaan bermotor, treler dan semi treler</b>	<b>29</b>	<b>3.35</b>	<b>101.8</b>	<b>105.0</b>	<b>105.1</b>	<b>0.1</b>	<b>3.2</b>	<b>Manufacture of motor vehicles, trailers and semi trailers</b>
Pembuatan kenderaan bermotor	291	2.25	99.6	102.7	102.7	0.0	3.1	Manufacture of motor vehicles
Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	293	1.10	106.3	109.8	110.0	0.2	3.5	Manufacture of parts and accessories for motor vehicles

**JADUAL  
TABLE 1.1**
**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut sektor, bahagian dan kumpulan (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production, percentage change by sector, division and group (MSIC 2008), Malaysia (cont'd)*

Sektor, Bahagian & Kumpulan	Kod Code	Wajaran Weights	Indeks Index			Perubahan peratus Percentage change		Sector, Division & Group
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017	
<b>Pembuatan kelengkapan pengangkutan lain</b>	<b>30</b>	<b>0.35</b>	<b>112.6</b>	<b>130.5</b>	<b>130.0</b>	<b>-0.4</b>	<b>15.5</b>	<b>Manufacture of other transport equipment</b>
Pembuatan kelengkapan pengangkutan t.t.t.l.	309	0.35	112.6	130.5	130.0	-0.4	15.5	Manufacture of transport equipment n.e.c.
<b>Pembuatan perabot</b>	<b>31</b>	<b>0.82</b>	<b>107.5</b>	<b>109.2</b>	<b>109.1</b>	<b>-0.1</b>	<b>1.5</b>	<b>Manufacture of furniture</b>
Pembuatan perabot	310	0.82	107.5	109.2	109.1	-0.1	1.5	Manufacture of furniture
<b>Bekalan elektrik dan gas</b>	<b>D</b>	<b>3.05</b>	<b>113.3</b>	<b>114.2</b>	<b>114.2</b>	<b>0.0</b>	<b>0.8</b>	<b>Electricity and gas supply</b>
<b>Bekalan elektrik dan gas</b>	<b>35</b>	<b>3.05</b>	<b>113.3</b>	<b>114.2</b>	<b>114.2</b>	<b>0.0</b>	<b>0.8</b>	<b>Electricity and gas supply</b>
Penjanaan, penghantaran dan pengagihan tenaga elektrik	351	2.88	111.6	111.9	111.9	0.0	0.3	Electric power generation, transmission and distribution
Pembuatan gas; Pengagihan bahan api berunsur gas melalui saluran utama	352	0.17	142.8	153.7	153.3	-0.3	7.4	Manufacture of gas; distribution of gaseous fuels through mains
<b>Bekalan air</b>	<b>E</b>	<b>0.34</b>	<b>114.9</b>	<b>114.5</b>	<b>114.1</b>	<b>-0.3</b>	<b>-0.7</b>	<b>Water supply</b>
<b>Penakungan, perawatan dan bekalan air</b>	<b>36</b>	<b>0.34</b>	<b>114.9</b>	<b>114.5</b>	<b>114.1</b>	<b>-0.3</b>	<b>-0.7</b>	<b>Water collection, treatment and supply</b>
Penakungan, perawatan dan bekalan air	360	0.34	114.9	114.5	114.1	-0.3	-0.7	Water collection, treatment and supply

**JADUAL**  
**TABLE** **1.1a**

**IHPR (2010=100) bagi pengeluaran tempatan, indeks purata, perubahan peratus mengikut sektor (MSIC 2008), Malaysia**  
*PPI (2010=100) for local production, average index, percentage change by sector (MSIC 2008), Malaysia*

Sektor	Indeks Index		Perubahan peratus Percentage change	Sector
	Jan - Jun/June 2016	Jan - Jun/June 2017		
<b>Jumlah</b>	<b>99.7</b>	<b>108.4</b>	<b>8.7</b>	<b>Total</b>
<b>A Pertanian, perhutanan dan perikanan</b>	102.4	117.6	14.8	<b>A Agriculture, forestry and fishing</b>
<b>B Perlombongan</b>	70.1	89.9	28.2	<b>B Mining</b>
<b>C Pembuatan</b>	102.6	109.4	6.6	<b>C Manufacturing</b>
<b>D Bekalan elektrik dan gas</b>	111.2	114.5	3.0	<b>D Electricity and gas supply</b>
<b>E Bekalan air</b>	113.8	113.7	-0.1	<b>E Water supply</b>

**JADUAL**  
**TABLE** **2**

**IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), Malaysia**  
*PPI (2010=100) for local production by sector (MSIC 2008), Malaysia*

Tempoh Sektor	Jumlah	A Pertanian, Perhutanan & Perikanan	B Perlombongan	C Pembuatan	D Bekalan elektrik dan gas	E Bekalan air
<b>Wajaran (Weights)</b>	<b>100.00</b>	<b>8.15</b>	<b>9.67</b>	<b>78.79</b>	<b>3.05</b>	<b>0.34</b>
<b>2011</b>	112.3	119.6	136.1	109.0	103.9	104.2
<b>2012</b>	111.8	105.9	141.1	109.0	107.2	104.1
<b>2013</b>	108.8	94.2	140.6	106.4	107.9	106.6
<b>2014</b>	110.4	95.9	134.8	108.7	119.0	107.6
<b>2015</b>	102.2	92.2	86.1	104.8	113.5	110.3
<b>2016</b>	101.1	107.2	72.9	103.5	112.5	114.2
<b>2016</b>						
Jan	99.5	95.8	66.9	103.4	111.0	113.0
Feb	99.6	99.0	69.7	102.8	111.2	112.9
Mac/Mar	99.7	102.9	69.1	102.7	111.1	112.8
Apr	100.2	105.8	69.1	103.0	109.9	115.2
Mei/May	99.5	105.9	72.8	101.7	110.9	114.2
Jun/June	99.9	104.9	73.2	102.1	113.3	114.9
Jul/July	99.0	102.0	67.0	102.0	113.0	113.8
Ogos/Aug	100.2	107.9	72.2	102.3	113.4	114.3
Sept	102.0	113.4	71.4	104.0	113.4	114.8
Okt/Oct	102.7	108.8	78.7	104.5	114.3	115.2
Nov	103.8	115.3	75.3	105.7	114.2	114.2
Dis/Dec	107.5	124.4	89.8	107.6	114.7	114.6
<b>2017</b>						
Jan	109.6	127.8	95.5	109.2	114.6	113.0
Feb	110.4	128.0	94.6	110.4	114.5	112.8
Mac/Mar	108.7	117.1	92.1	109.6	114.8	113.9
Apr	107.7	110.0	91.2	109.1	114.5	114.0
Mei/May	107.5	112.7	85.1	109.4	114.2	114.5
Jun/June	106.3	110.1	80.7	108.8	114.2	114.1
<i>Period Sector</i>	<i>Total</i>	<i>Agriculture, forestry &amp; fishing</i>	<i>Mining</i>	<i>Manufacturing</i>	<i>Electricity and gas supply</i>	<i>Water supply</i>

**JADUAL  
TABLE 2.1**
**IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), indeks asal & pelarasan musim, Malaysia**  
*PPI (2010=100) for local production by sector (MSIC 2008), original & seasonally adjusted index, Malaysia*

Tempoh Sektor	Jumlah		A		B	C	D	E	
	Indeks asal <i>Original index</i>	Indeks asal <i>Original index</i>	Indeks pelarasan musim (PM) <i>Seasonally adjusted index (SA)</i>	% Perubahan bulan ke bulan (PM) <i>% Change month-on-month (SA)</i>	Indeks asal <i>Original index</i>	Indeks asal <i>Original index</i>	Bekalan elektrik dan gas  Indeks asal <i>Original index</i>	Bekalan air  Indeks asal <i>Original index</i>	
Wajaran ( <i>Weights</i> )	100.00		8.15		9.67	78.79	3.05	0.34	
<b>2011</b>	112.3	119.6			136.1	109.0	103.9	104.2	
<b>2012</b>	111.8	105.9			141.1	109.0	107.2	104.1	
<b>2013</b>	108.8	94.2			140.6	106.4	107.9	106.6	
<b>2014</b>	110.4	95.9			134.8	108.7	119.0	107.6	
<b>2015</b>	102.2	92.2			86.1	104.8	113.5	110.3	
<b>2016</b>	101.1	107.2			72.9	103.5	112.5	114.2	
<b>2016</b>	<b>Jan</b>	99.5	95.8	94.4	1.7	66.9	103.4	111.0	113.0
	<b>Feb</b>	99.6	99.0	96.4	2.1	69.7	102.8	111.2	112.9
	<b>Mac/Mar</b>	99.7	102.9	97.9	1.6	69.1	102.7	111.1	112.8
	<b>Apr</b>	100.2	105.8	102.7	4.9	69.1	103.0	109.9	115.2
	<b>Mei/May</b>	99.5	105.9	104.2	1.5	72.8	101.7	110.9	114.2
	<b>Jun/June</b>	99.9	104.9	103.6	-0.6	73.2	102.1	113.3	114.9
	<b>Jul/July</b>	99.0	102.0	101.6	-1.9	67.0	102.0	113.0	113.8
	<b>Ogos/Aug</b>	100.2	107.9	112.0	10.2	72.2	102.3	113.4	114.3
	<b>Sept</b>	102.0	113.4	118.9	6.2	71.4	104.0	113.4	114.8
	<b>Okt/Oct</b>	102.7	108.8	114.3	-3.9	78.7	104.5	114.3	115.2
	<b>Nov</b>	103.8	115.3	117.9	3.1	75.3	105.7	114.2	114.2
	<b>Dis/Dec</b>	107.5	124.4	125.0	6.0	89.8	107.6	114.7	114.6
<b>2017</b>	<b>Jan</b>	109.6	127.8	126.0	0.8	95.5	109.2	114.6	113.0
	<b>Feb</b>	110.4	128.0	124.5	-1.2	94.6	110.4	114.5	112.8
	<b>Mac/Mar</b>	108.7	117.1	111.4	-10.5	92.1	109.6	114.8	113.9
	<b>Apr</b>	107.7	110.0	106.7	-4.2	91.2	109.1	114.5	114.0
	<b>Mei/May</b>	107.5	112.7	110.9	3.9	85.1	109.4	114.2	114.5
	<b>Jun/June</b>	106.3	110.1	108.8	-1.9	80.7	108.8	114.2	114.1
<i>Period Sector</i>	<i>Total</i>		<i>Agriculture, forestry &amp; fishing</i>			<i>Mining</i>	<i>Manufacturing</i>	<i>Electricity and gas supply</i>	<i>Water supply</i>

**JADUAL**  
**TABLE 2.2**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut sektor (MSIC 2008), Malaysia**  
*Percentage change of PPI (2010=100) for local production by sector (MSIC 2008), Malaysia*

Tempoh Sektor	Jumlah		A		B		C		D		E			
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan (PM)	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan		
Wajaran (Weights)			100.00		8.15		9.67		78.79		3.05		0.34	
<b>2011</b>	12.3		19.6		36.1		9.0		3.9		4.2			
<b>2012</b>	-0.4		-11.5		3.7		0.0		3.2		-0.1			
<b>2013</b>	-2.7		-11.0		-0.4		-2.4		0.7		2.4			
<b>2014</b>	1.5		1.8		-4.1		2.2		10.3		0.9			
<b>2015</b>	-7.4		-3.9		-36.1		-3.6		-4.6		2.5			
<b>2016</b>	-1.1		16.3		-15.3		-1.2		-0.9		3.5			
<b>2016</b>														
Jan	-4.4	-1.4	0.6	1.7	-24.7	-16.9	-2.8	-0.4	-4.1	0.2	5.2	-1.0		
Feb	-4.8	0.1	4.2	2.1	-27.8	4.2	-3.2	-0.6	-4.2	0.2	8.8	-0.1		
Mac/Mar	-3.9	0.1	8.3	1.6	-24.9	-0.9	-2.8	-0.1	-5.0	-0.1	4.6	-0.1		
Apr	-2.8	0.5	15.0	4.9	-29.6	0.0	-1.3	0.3	-3.8	-1.1	6.7	2.1		
Mei/May	-2.1	-0.7	15.9	1.5	-23.1	5.4	-1.3	-1.3	-3.6	0.9	4.7	-0.9		
Jun/June	-1.3	0.4	12.0	-0.6	-9.6	0.5	-1.7	0.4	-1.1	2.2	3.4	0.6		
Jul/July	-2.1	-0.9	10.7	-1.9	-17.5	-8.5	-2.0	-0.1	0.6	-0.3	2.9	-1.0		
Ogos/Aug	-0.1	1.2	23.3	10.2	-6.7	7.8	-1.6	0.3	1.3	0.4	1.9	0.4		
Sept	0.4	1.8	28.3	6.2	-11.3	-1.1	-1.1	1.7	1.4	0.0	2.4	0.4		
Okt/Oct	0.1	0.7	16.9	-3.9	-6.1	10.2	-0.9	0.5	2.1	0.8	1.5	0.3		
Nov	2.2	1.1	26.7	3.1	-4.8	-4.3	0.6	1.1	3.0	-0.1	0.4	-0.9		
Dis/Dec	6.5	3.6	34.5	6.0	11.6	19.3	3.7	1.8	3.5	0.4	0.4	0.4		
<b>2017</b>														
Jan	10.2	2.0	33.4	0.8	42.8	6.3	5.6	1.5	3.2	-0.1	0.0	-1.4		
Feb	10.8	0.7	29.3	-1.2	35.7	-0.9	7.4	1.1	3.0	-0.1	-0.1	-0.2		
Mac/Mar	9.0	-1.5	13.8	-10.5	33.3	-2.6	6.7	-0.7	3.3	0.3	1.0	1.0		
Apr	7.5	-0.9	4.0	-4.2	32.0	-1.0	5.9	-0.5	4.2	-0.3	-1.0	0.1		
Mei/May	8.0	-0.2	6.4	3.9	16.9	-6.7	7.6	0.3	3.0	-0.3	0.3	0.4		
Jun/June	6.4	-1.1	5.0	-1.9	10.2	-5.2	6.6	-0.5	0.8	0.0	-0.7	-0.3		
<b>Period Sector</b>														
	Total		Agriculture, forestry and fishing		Mining		Manufacturing		Electricity and gas supply		Water supply			
	% Change year-on-year	% Change month-on-month	% Change year-on-year	% Change month-on-month (SA)	% Change year-on-year	% Change month-on-month	% Change year-on-year	% Change month-on-month	% Change year-on-year	% Change month-on-month	% Change year-on-year	% Change month-on-month		

IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia  
PPI (2010=100) for local production by division (MSIC 2008), Malaysia

Tempoh Bahagian	Jumlah	01 Pengeluaran, tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan	02 Perhutanan dan pembalakan	03 Perikanan dan akuakultur	06 Pengekstrakan petroleum mentah & gas asli	10 Pembuatan produk makanan	11 Pembuatan minuman	12 Pembuatan produk tembakau
<b>Wajaran (Weights)</b>	<b>100.0</b>	<b>6.63</b>	<b>0.57</b>	<b>0.95</b>	<b>9.67</b>	<b>13.63</b>	<b>0.63</b>	<b>0.22</b>
<b>2011</b>	112.3	120.6	130.5	106.3	136.1	119.9	104.0	99.6
<b>2012</b>	111.8	102.5	131.6	114.1	141.1	110.1	104.8	99.6
<b>2013</b>	108.8	89.3	114.3	116.5	140.6	96.9	103.4	105.7
<b>2014</b>	110.4	90.7	113.2	121.7	134.8	103.5	106.9	114.6
<b>2015</b>	102.2	85.9	120.0	119.9	86.1	98.7	106.4	115.9
<b>2016</b>	101.1	103.1	128.3	122.5	72.9	103.8	107.2	115.9
<b>2016</b>								
<b>Jan</b>	99.5	89.3	125.9	122.6	66.9	98.9	107.0	115.9
<b>Feb</b>	99.6	94.0	126.7	117.7	69.7	100.8	106.8	115.9
<b>Mac/Mar</b>	99.7	97.6	131.4	122.8	69.1	102.1	106.8	115.9
<b>Apr</b>	100.2	101.2	131.0	122.4	69.1	102.3	106.2	115.9
<b>Mei/May</b>	99.5	101.0	132.8	124.3	72.8	102.6	107.4	115.9
<b>Jun/June</b>	99.9	100.2	130.0	122.5	73.2	102.7	107.6	115.9
<b>Jul/July</b>	99.0	96.4	127.1	126.1	67.0	101.6	107.7	115.9
<b>Ogos/Aug</b>	100.2	104.1	126.2	123.1	72.2	103.1	107.7	115.9
<b>Sept</b>	102.0	110.7	127.9	123.5	71.4	104.3	107.7	115.9
<b>Okt/Oct</b>	102.7	105.3	127.9	121.3	78.7	106.0	107.7	115.9
<b>Nov</b>	103.8	113.2	126.6	123.4	75.3	108.7	107.7	115.9
<b>Dis/Dec</b>	107.5	124.7	126.6	120.7	89.8	112.1	105.8	115.9
<b>2017</b>								
<b>Jan</b>	109.6	128.4	126.6	123.9	95.5	115.2	105.9	116.5
<b>Feb</b>	110.4	127.8	126.7	129.7	94.6	115.9	106.0	116.1
<b>Mac/Mar</b>	108.7	114.2	125.0	132.2	92.1	114.0	106.2	116.4
<b>Apr</b>	107.7	105.7	126.1	130.3	91.2	111.9	106.1	116.5
<b>Mei/May</b>	107.5	108.8	128.6	130.5	85.1	111.2	106.1	115.8
<b>Jun/June</b>	106.3	105.3	129.7	131.5	80.7	109.5	106.4	116.2
<i>Period Division</i>	<i>Total</i>	<i>Crop and animal production, hunting and related services</i>	<i>Forestry and logging</i>	<i>Fishing and aquaculture</i>	<i>Extraction of crude petroleum &amp; natural gas</i>	<i>Manufacture of food product</i>	<i>Manufacture of beverages</i>	<i>Manufacture of tobacco products</i>

**JADUAL  
TABLE 3**
**IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	13 Pembuatan tekstil	14 Pembuatan pakaian	15 Pembuatan produk kulit dan barangan berkaitan	16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	17 Pembuatan kertas dan produk kertas	18 Percetakan dan penerbitan semula media rakaman	19 Pembuatan kok dan produk petroleum bertapis	20 Pembuatan kimia dan produk kimia
<b>Wajaran (Weights)</b>	<b>0.47</b>	<b>0.39</b>	<b>0.09</b>	<b>1.85</b>	<b>1.08</b>	<b>0.73</b>	<b>11.39</b>	<b>7.22</b>
<b>2011</b>	95.0	100.6	99.9	114.5	103.6	101.8	121.3	114.6
<b>2012</b>	87.5	101.7	99.8	119.7	102.2	101.8	131.6	112.2
<b>2013</b>	87.7	102.2	99.8	117.8	101.8	102.1	130.5	113.9
<b>2014</b>	93.5	102.5	99.2	118.4	103.3	102.1	133.2	117.7
<b>2015</b>	100.8	103.5	102.4	124.8	103.3	102.1	107.5	116.0
<b>2016</b>	100.5	105.1	110.5	128.7	106.8	102.1	92.7	112.3
<b>2016</b>								
<b>Jan</b>	101.2	104.8	110.6	130.0	105.3	102.1	98.6	113.0
<b>Feb</b>	99.6	104.8	110.6	130.7	106.2	102.1	94.2	110.0
<b>Mac/Mar</b>	105.4	105.0	110.6	128.6	107.0	102.1	93.3	109.3
<b>Apr</b>	99.8	105.2	110.6	129.2	107.2	102.1	92.9	111.1
<b>Mei/May</b>	99.4	104.9	110.6	128.3	107.2	102.1	81.8	112.6
<b>Jun/June</b>	100.6	104.9	110.6	129.2	107.4	102.1	84.1	113.3
<b>Jul/July</b>	100.2	105.3	110.6	128.3	106.7	102.1	87.1	111.4
<b>Ogos/Aug</b>	100.7	105.5	110.6	128.1	106.7	102.1	86.8	111.2
<b>Sept</b>	100.1	104.8	110.6	127.3	106.8	102.1	94.8	112.3
<b>Okt/Oct</b>	98.9	105.0	110.2	127.3	106.8	102.1	96.2	112.6
<b>Nov</b>	98.7	105.8	110.2	128.8	107.1	102.1	98.1	115.2
<b>Dis/Dec</b>	101.5	105.6	110.6	129.0	107.0	102.1	104.5	115.3
<b>2017</b>								
<b>Jan</b>	99.4	105.6	105.7	128.6	108.4	102.5	109.5	115.6
<b>Feb</b>	103.3	105.3	104.9	128.9	109.9	102.5	114.6	116.2
<b>Mac/Mar</b>	100.4	105.5	104.9	130.4	111.0	102.5	109.8	117.0
<b>Apr</b>	100.8	106.2	104.8	130.9	111.5	102.5	109.7	117.3
<b>Mei/May</b>	99.2	106.3	104.6	130.6	112.1	102.5	112.6	117.9
<b>Jun/June</b>	97.2	106.4	104.6	130.2	113.0	102.5	112.8	115.8

<i>Period Division</i>	<i>Manufacture of textiles</i>	<i>Manufacture of wearing apparel</i>	<i>Manufacture of leather and related products</i>	<i>Manufacture of wood of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	<i>Manufacture of paper and paper products</i>	<i>Printing and reproduction of recorded media</i>	<i>Manufacture of coke and refined petroleum products</i>	<i>Manufacture of chemicals and chemical products</i>
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**JADUAL  
TABLE 3**
**IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh	21	22	23	24	25	26	27
Bahagian	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	Pembuatan produk getah dan plastik	Pembuatan produk galian bukan logam lain	Pembuatan logam asas	Pembuatan produk logam, kecuali mesin dan kelengkapan	Pembuatan komputer, produk elektronik dan optikal	Pembuatan kelengkapan elektrik
<b>Wajaran (Weights)</b>	<b>0.24</b>	<b>5.38</b>	<b>2.47</b>	<b>4.50</b>	<b>2.23</b>	<b>18.14</b>	<b>1.96</b>
<b>2011</b>	101.3	110.6	102.4	106.5	101.5	97.8	99.4
<b>2012</b>	104.8	103.2	106.4	104.2	101.3	101.7	98.7
<b>2013</b>	106.2	99.9	107.7	101.0	100.8	101.7	99.8
<b>2014</b>	107.3	96.6	108.6	100.9	100.5	103.3	100.2
<b>2015</b>	107.7	96.3	109.9	98.4	99.7	106.5	99.6
<b>2016</b>	110.7	97.1	111.1	98.1	100.0	106.7	98.3
<b>2016</b>							
<b>Jan</b>	109.5	95.9	109.6	94.9	99.8	107.4	100.4
<b>Feb</b>	109.5	95.7	111.0	94.9	99.6	107.2	99.2
<b>Mac/Mar</b>	109.3	95.3	111.0	96.4	99.5	106.2	97.6
<b>Apr</b>	109.7	96.5	111.3	100.0	99.8	106.0	97.2
<b>Mei/May</b>	110.7	96.9	111.3	99.3	99.8	106.4	97.2
<b>Jun/June</b>	110.9	97.0	111.4	98.5	100.1	106.2	98.2
<b>Jul/July</b>	111.2	96.8	111.2	98.1	100.0	105.8	97.8
<b>Ogos/Aug</b>	111.6	97.0	112.1	97.5	100.0	106.3	98.1
<b>Sept</b>	110.9	97.5	112.0	97.9	100.0	107.1	98.7
<b>Okt/Oct</b>	111.7	97.9	111.4	98.2	100.0	107.1	97.1
<b>Nov</b>	111.2	98.6	110.9	100.5	100.7	106.9	97.3
<b>Dis/Dec</b>	112.2	100.6	110.1	101.3	101.1	107.4	100.6
<b>2017</b>							
<b>Jan</b>	112.2	103.0	109.9	103.3	101.6	106.9	102.5
<b>Feb</b>	113.7	104.0	109.6	104.5	102.2	107.1	103.6
<b>Mac/Mar</b>	113.9	103.9	109.8	104.6	102.3	107.2	103.7
<b>Apr</b>	113.3	103.4	109.9	105.4	102.4	106.6	105.0
<b>Mei/May</b>	112.5	102.6	109.6	104.6	102.4	106.7	104.9
<b>Jun/June</b>	111.4	101.9	110.1	103.4	102.0	106.4	105.1

<i>Period Division</i>	<i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	<i>Manufacture of rubber and plastic products</i>	<i>Manufacture of other non-metallic mineral products</i>	<i>Manufacture of basic metals</i>	<i>Manufacture of fabricated metal products, except machinery and equipment</i>	<i>Manufacture of computer, electronic and optical products</i>	<i>Manufacture of electrical equipment</i>
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**JADUAL  
TABLE 3**
**IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	28 Pembuatan jentera dan peralatan T.T.T.L.	29 Pembuatan kenderaan bermotor, treler dan semi treler	30 Pembuatan kelengkapan pengangkutan lain	31 Pembuatan perabot	35 Bekalan elektrik dan gas	36 Penakungan, perawatan dan bekalan air
<b>Wajaran (Weights)</b>	<b>1.65</b>	<b>3.35</b>	<b>0.35</b>	<b>0.82</b>	<b>3.05</b>	<b>0.34</b>
<b>2011</b>	99.3	100.5	101.1	102.1	103.9	104.2
<b>2012</b>	99.6	100.4	101.5	104.1	107.2	104.1
<b>2013</b>	99.7	100.9	111.6	105.1	107.9	106.6
<b>2014</b>	100.4	100.7	112.6	105.8	119.0	107.6
<b>2015</b>	101.8	100.6	113.5	108.3	113.5	110.3
<b>2016</b>	102.3	101.7	114.4	107.5	112.5	114.2
<b>2016</b>						
Jan	103.0	100.8	113.8	107.1	111.0	113.0
Feb	103.0	101.0	113.8	107.5	111.2	112.9
Mac/Mar	103.0	101.5	114.2	107.5	111.1	112.8
Apr	102.3	101.4	114.4	107.6	109.9	115.2
Mei/May	102.0	101.5	112.6	107.6	110.9	114.2
Jun/June	102.0	101.8	112.6	107.5	113.3	114.9
Jul/July	102.0	101.7	112.6	107.6	113.0	113.8
Ogos/Aug	102.0	101.8	114.6	107.6	113.4	114.3
Sept	102.1	102.1	114.6	107.6	113.4	114.8
Okt/Oct	102.1	102.2	112.4	107.5	114.3	115.2
Nov	102.7	102.6	112.4	107.5	114.2	114.2
Dis/Dec	101.9	102.3	125.2	107.2	114.7	114.6
<b>2017</b>						
Jan	102.1	103.9	130.5	108.5	114.6	113.0
Feb	101.1	104.2	130.5	108.9	114.5	112.8
Mac/Mar	100.8	104.7	130.5	109.5	114.8	113.9
Apr	100.8	104.9	130.5	109.4	114.5	114.0
Mei/May	100.6	105.0	130.5	109.2	114.2	114.5
Jun/June	100.9	105.1	130.0	109.1	114.2	114.1

<i>Period Division</i>	<i>Manufacture of machinery and equipment n.e.c.</i>	<i>Manufacture of motor vehicles, trailers and semi trailers</i>	<i>Manufacture of other transport equipment</i>	<i>Manufacture of furniture</i>	<i>Electricity and gas</i>	<i>Water collection, treatment and supply</i>
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**JADUAL  
TABLE 3.1**
**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia*

Tempoh Bahagian	Jumlah		01 Pengeluaran, tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan		02 Perhutanan dan pembalakan		03 Perikanan dan akuakultur		06 Pengekstrakan petroleum mentah gas asli	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan (PM)	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>100.0</b>		<b>6.63</b>		<b>0.57</b>		<b>0.95</b>		<b>9.67</b>	
<b>2011</b>	12.3		20.6		30.5		6.3		36.1	
<b>2012</b>	-0.4		-15.0		0.8		7.3		3.6	
<b>2013</b>	-2.7		-13.0		-13.1		2.2		-0.3	
<b>2014</b>	1.5		1.6		-1.0		4.4		-4.2	
<b>2015</b>	-7.4		-5.3		6.0		-1.5		-36.1	
<b>2016</b>	-1.1		20.0		6.9		2.2		-15.3	
<b>2016</b>										
Jan	-4.4	-1.4	-0.7	1.2	8.2	0.0	2.5	3.5	-24.7	-16.9
Feb	-4.8	0.1	4.8	3.1	10.5	0.6	-2.2	-4.0	-27.8	4.2
Mac/Mar	-3.9	0.1	9.4	1.3	13.1	3.7	0.2	4.3	-24.9	-0.9
Apr	-2.8	0.5	18.2	6.2	12.8	-0.3	0.6	-0.3	-29.6	0.0
Mei/May	-2.1	-0.7	18.0	1.4	17.7	1.4	4.6	1.6	-23.1	5.4
Jun/June	-1.3	0.4	13.7	-0.4	10.3	-2.1	3.4	-1.4	-9.6	0.5
Jul/July	-2.1	-0.9	12.2	-2.5	5.1	-2.2	6.3	2.9	-17.5	-8.5
Ogos/Aug	-0.1	1.2	30.6	13.8	1.9	-0.7	2.4	-2.4	-6.7	7.8
Sept	0.4	1.8	37.0	7.8	2.9	1.3	2.7	0.3	-11.3	-1.1
Okt/Oct	0.1	0.7	22.2	-4.9	2.3	0.0	-0.4	-1.8	-6.1	10.2
Nov	2.2	1.1	34.6	4.0	0.6	-1.0	4.2	1.7	-4.8	-4.3
Dis/Dec	6.5	3.6	45.2	7.6	0.6	0.0	1.9	-2.2	11.6	19.3
<b>2017</b>										
Jan	10.2	2.0	43.8	1.0	0.6	0.0	1.1	2.7	42.8	6.3
Feb	10.8	0.7	36.0	-2.7	0.0	0.1	10.2	4.7	35.7	-0.9
Mac/Mar	9.0	-1.5	17.0	-12.7	-4.9	-1.3	7.7	1.9	33.3	-2.6
Apr	7.5	-0.9	4.4	-5.3	-3.7	0.9	6.5	-1.4	32.0	-1.0
Mei/May	8.0	-0.2	7.7	4.6	-3.2	2.0	5.0	0.2	16.9	-6.7
Jun/June	6.4	-1.1	5.1	-2.8	-0.2	0.9	7.3	0.8	10.2	-5.2
<i>Period Division</i>	<i>Total</i>		<i>Crop and animal production, hunting and related services activities</i>		<i>Forestry and logging</i>		<i>Fishing and aquaculture</i>		<i>Extraction of crude petroleum &amp; natural gas</i>	
	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month (SA)	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	10 Pembuatan produk makanan		11 Pembuatan minuman		12 Pembuatan produk tembakau		13 Pembuatan tekstil		
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan (PM)	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	
Wajaran ( <i>Weights</i> )	13.63		0.63		0.22		0.47		
2011	19.9		4.0		-0.4		-5.0		
2012	-8.1		0.7		0.0		-7.9		
2013	-12.0		-1.3		6.1		0.2		
2014	6.8		3.5		8.4		6.6		
2015	-4.7		-0.5		1.1		7.7		
2016	-4.6		-0.5		1.1		-0.3		
2016	Jan	-1.8	-0.5	1.2	0.0	0.0	0.0	1.0	-0.1
	Feb	-0.5	-0.2	0.6	-0.2	0.0	0.0	-1.2	-1.6
	Mac/Mar	1.4	0.9	0.6	0.0	0.0	0.0	4.8	5.8
	Apr	3.5	0.9	-0.4	-0.6	0.0	0.0	-0.3	-5.3
	Mei/May	4.4	0.6	1.1	1.1	0.0	0.0	-0.8	-0.4
	Jun/June	3.9	0.5	1.4	0.2	0.0	0.0	0.4	1.2
	Jul/July	3.0	-0.2	0.9	0.1	0.0	0.0	-1.0	-0.4
	Ogos/Aug	6.0	2.2	0.9	0.0	0.0	0.0	3.2	0.5
	Sept	8.1	2.8	0.9	0.0	0.0	0.0	1.8	-0.6
	Okt/Oct	8.7	1.3	1.0	0.0	0.0	0.0	-6.9	-1.2
	Nov	11.3	1.9	1.1	0.0	0.0	0.0	-3.8	-0.2
	Dis/Dec	14.6	2.6	-1.1	-1.8	0.0	0.0	0.2	2.8
2017	Jan	16.5	2.0	-1.0	0.1	0.5	0.5	-1.8	-2.1
	Feb	15.0	-1.4	-0.7	0.1	0.2	-0.3	3.7	3.9
	Mac/Mar	11.7	-2.2	-0.6	0.2	0.4	0.3	-4.7	-2.8
	Apr	9.4	-1.1	-0.1	-0.1	0.5	0.1	1.0	0.4
	Mei/May	8.4	-0.2	-1.2	0.0	-0.1	-0.6	-0.2	-1.6
	Jun/June	6.6	-1.3	-1.1	0.3	0.3	0.3	-3.4	-2.0
<i>Period</i> <i>Division</i>	<i>Manufacture of food product</i>		<i>Manufacture of beverages</i>		<i>Manufacture of tobacco products</i>		<i>Manufacture of textiles</i>		
	% <i>Change year-</i> <i>on-year</i>	% <i>Change month-</i> <i>on-month (SA)</i>	% <i>Change year-</i> <i>on-year</i>	% <i>Change month-</i> <i>on-month</i>	% <i>Change year-</i> <i>on-year</i>	% <i>Change month-</i> <i>on-month</i>	% <i>Change year-</i> <i>on-year</i>	% <i>Change month-</i> <i>on-month</i>	

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	14 Pembuatan pakaian		15 Pembuatan produk kulit dan barangan berkaitan		16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan artikel jerami dan bahan-bahan anyaman		17 Pembuatan kertas dan produk kertas	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>0.39</b>		<b>0.09</b>		<b>1.85</b>		<b>1.08</b>	
<b>2011</b>	0.6		-0.1		14.6		3.6	
<b>2012</b>	1.0		-0.1		4.5		-1.3	
<b>2013</b>	0.5		0.0		-1.6		-0.4	
<b>2014</b>	0.4		-0.6		0.5		1.5	
<b>2015</b>	1.0		3.2		5.4		0.0	
<b>2016</b>	1.5		7.9		3.1		3.4	
<b>2016</b>								
Jan	1.8	-0.1	11.6	6.4	8.2	0.9	2.6	0.5
Feb	1.8	0.0	11.6	0.0	7.2	0.5	4.0	0.9
Mac/Mar	2.4	0.2	11.6	0.0	4.8	-1.6	3.8	0.8
Apr	2.4	0.2	9.0	0.0	5.0	0.5	4.4	0.2
Mei/May	1.7	-0.3	7.1	0.0	4.3	-0.7	4.2	0.0
Jun/June	1.5	0.0	7.1	0.0	4.9	0.7	4.1	0.2
Jul/July	1.7	0.4	7.1	0.0	3.5	-0.7	3.6	-0.7
Ogos/Aug	1.7	0.2	6.4	0.0	0.9	-0.2	3.3	0.0
Sept	0.9	-0.7	6.4	0.0	0.4	-0.6	3.2	0.1
Okt/Oct	0.6	0.2	6.1	-0.4	-0.5	0.0	2.8	0.0
Nov	1.3	0.8	6.1	0.0	-0.2	1.2	2.5	0.3
Dis/Dec	0.7	-0.2	6.4	0.4	0.2	0.2	2.1	-0.1
<b>2017</b>								
Jan	0.8	0.0	-4.4	-4.4	-1.1	-0.3	2.9	1.3
Feb	0.5	-0.3	-5.2	-0.8	-1.4	0.2	3.5	1.4
Mac/Mar	0.5	0.2	-5.2	0.0	1.4	1.2	3.7	1.0
Apr	1.0	0.7	-5.2	-0.1	1.3	0.4	4.0	0.5
Mei/May	1.3	0.1	-5.4	-0.2	1.8	-0.2	4.6	0.5
Jun/June	1.4	0.1	-5.4	0.0	0.8	-0.3	5.2	0.8
<i>Period Division</i>	<i>Manufacture of wearing apparel</i>		<i>Manufacture of leather and related products</i>		<i>Manufacture of wood of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>		<i>Manufacture of paper and paper products</i>	
	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	18		19		20		21	
	Percetakan dan penerbitan semula media rakaman		Pembuatan kok dan produk petroleum bertapis		Pembuatan kimia dan produk kimia		Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>0.73</b>		<b>11.39</b>		<b>7.22</b>		<b>0.24</b>	
<b>2011</b>	1.8		21.3		14.6		1.3	
<b>2012</b>	0.0		8.5		-2.1		3.4	
<b>2013</b>	0.3		-0.8		1.5		1.4	
<b>2014</b>	0.0		2.0		3.4		1.0	
<b>2015</b>	0.0		-19.3		-1.5		0.3	
<b>2016</b>	0.0		-13.8		-3.2		2.8	
<b>2016</b>								
Jan	0.0	0.0	-17.6	-2.5	-1.8	-0.6	2.4	0.3
Feb	0.0	0.0	-19.5	-4.5	-4.0	-2.7	2.6	0.0
Mac/Mar	0.0	0.0	-16.6	-1.0	-6.6	-0.6	2.3	-0.2
Apr	0.0	0.0	-11.4	-0.4	-5.2	1.6	2.1	0.4
Mei/May	0.0	0.0	-14.9	-11.9	-3.7	1.4	3.1	0.9
Jun/June	0.0	0.0	-17.3	2.8	-3.6	0.6	3.4	0.2
Jul/July	0.0	0.0	-14.9	3.6	-5.9	-1.7	3.5	0.3
Ogos/Aug	0.0	0.0	-16.3	-0.3	-4.0	-0.2	4.1	0.4
Sept	0.0	0.0	-14.4	9.2	-3.2	1.0	3.3	-0.6
Okt/Oct	0.0	0.0	-14.5	1.5	-1.3	0.3	2.2	0.7
Nov	0.0	0.0	-9.7	2.0	-0.1	2.3	1.7	-0.4
Dis/Dec	0.0	0.0	3.4	6.5	1.4	0.1	2.7	0.9
<b>2017</b>								
Jan	0.4	0.4	11.1	4.8	2.3	0.3	2.5	0.0
Feb	0.4	0.0	21.7	4.7	5.6	0.5	3.8	1.3
Mac/Mar	0.4	0.0	17.7	-4.2	7.0	0.7	4.2	0.2
Apr	0.4	0.0	18.1	-0.1	5.6	0.3	3.3	-0.5
Mei/May	0.4	0.0	37.7	2.6	4.7	0.5	1.6	-0.7
Jun/June	0.4	0.0	34.1	0.2	2.2	-1.8	0.5	-1.0
<i>Period</i> <i>Division</i>	<i>Printing and reproduction of recorded media</i>		<i>Manufacture of coke and refined petroleum products</i>		<i>Manufacture of chemicals and chemical products</i>		<i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	
	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	22 Pembuatan produk getah dan plastik		23 Pembuatan produk galian bukan logam lain		24 Pembuatan logam asas		25 Pembuatan produk logam, kecuali mesin dan kelengkapan	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>5.38</b>		<b>2.47</b>		<b>4.50</b>		<b>2.23</b>	
<b>2011</b>	10.6		2.3		6.5		1.5	
<b>2012</b>	-6.7		4.0		-2.1		-0.2	
<b>2013</b>	-3.3		1.2		-3.0		-0.6	
<b>2014</b>	-3.2		0.9		-0.1		-0.3	
<b>2015</b>	-0.3		1.2		-2.5		-0.8	
<b>2016</b>	0.8		1.1		-0.3		0.3	
<b>2016</b>								
Jan	0.4	0.0	0.5	-0.1	-5.6	-0.9	-0.1	0.4
Feb	0.2	-0.2	2.2	1.3	-5.8	0.0	-0.5	-0.2
Mac/Mar	-0.2	-0.4	1.6	0.0	-3.6	1.6	-0.4	-0.1
Apr	0.7	1.3	1.3	0.3	0.3	3.7	0.1	0.3
Mei/May	0.8	0.4	0.9	0.0	-0.2	-0.7	0.2	0.0
Jun/June	0.1	0.1	1.1	0.1	-0.2	-0.8	0.4	0.3
Jul/July	-0.4	-0.2	0.5	-0.2	0.4	-0.4	0.4	-0.1
Ogos/Aug	0.2	0.2	1.4	0.8	-0.4	-0.6	0.7	0.0
Sept	0.2	0.5	1.5	-0.1	0.3	0.4	0.3	0.0
Okt/Oct	1.0	0.4	1.2	-0.5	1.9	0.3	0.3	0.0
Nov	2.2	0.7	1.1	-0.4	4.5	2.3	1.1	0.7
Dis/Dec	4.9	2.0	0.4	-0.7	5.7	0.8	1.7	0.4
<b>2017</b>								
Jan	7.4	2.4	0.3	-0.2	8.9	2.0	1.8	0.5
Feb	8.7	1.0	-1.3	-0.3	10.1	1.2	2.6	0.6
Mac/Mar	9.0	-0.1	-1.1	0.2	8.5	0.1	2.8	0.1
Apr	7.2	-0.5	-1.3	0.1	5.4	0.8	2.6	0.1
Mei/May	5.9	-0.8	-1.5	-0.3	5.3	-0.8	2.6	0.0
Jun/June	5.1	-0.7	-1.2	0.5	5.0	-1.1	1.9	-0.4
<i>Period Division</i>	<i>Manufacture of rubber and plastic products</i>		<i>Manufacture of other non-metallic mineral products</i>		<i>Manufacture of basic metals</i>		<i>Manufacture of fabricated metal products, except machinery and equipment</i>	
	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	26 Pembuatan komputer, produk elektronik dan optikal		27 Pembuatan kelengkapan elektrik		28 Pembuatan jentera dan peralatan T.T.T.L.		29 Pembuatan kenderaan bermotor, treler dan semi treler	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>18.14</b>		<b>1.96</b>		<b>1.65</b>		<b>3.35</b>	
<b>2011</b>	-2.2		-0.6		-0.7		0.5	
<b>2012</b>	4.0		-0.7		0.3		-0.1	
<b>2013</b>	0.0		1.1		0.1		0.5	
<b>2014</b>	1.6		0.4		0.7		-0.2	
<b>2015</b>	3.1		-0.6		1.3		-0.1	
<b>2016</b>	0.2		-1.3		0.5		1.1	
<b>2016</b>								
<b>Jan</b>	2.2	-0.4	0.0	0.4	1.7	0.1	0.3	0.1
<b>Feb</b>	1.4	-0.2	0.0	-1.2	1.3	0.0	0.6	0.2
<b>Mac/Mar</b>	0.1	-0.9	-1.2	-1.6	1.5	0.0	1.0	0.5
<b>Apr</b>	-0.2	-0.2	-1.7	-0.4	0.1	-0.7	1.0	-0.1
<b>Mei/May</b>	0.3	0.4	-1.5	0.0	0.7	-0.3	1.0	0.1
<b>Jun/June</b>	0.6	-0.2	-1.2	1.0	0.4	0.0	1.2	0.3
<b>Jul/July</b>	0.1	-0.4	-2.1	-0.4	0.8	0.0	1.1	-0.1
<b>Ogos/Aug</b>	-0.1	0.5	-1.7	0.3	0.8	0.0	1.3	0.1
<b>Sept</b>	-0.3	0.8	-1.3	0.6	0.1	0.1	1.4	0.3
<b>Okt/Oct</b>	-0.4	0.0	-3.2	-1.6	0.0	0.0	1.4	0.1
<b>Nov</b>	-0.9	-0.2	-2.3	0.2	0.6	0.6	1.5	0.4
<b>Dis/Dec</b>	-0.4	0.5	0.6	3.4	-1.0	-0.8	1.6	-0.3
<b>2017</b>								
<b>Jan</b>	-0.5	-0.5	2.1	1.9	-0.9	0.2	3.1	1.6
<b>Feb</b>	-0.1	0.2	4.4	1.1	-1.8	-1.0	3.2	0.3
<b>Mac/Mar</b>	0.9	0.1	6.3	0.1	-2.1	-0.3	3.2	0.5
<b>Apr</b>	0.6	-0.6	8.0	1.3	-1.5	0.0	3.5	0.2
<b>Mei/May</b>	0.3	0.1	7.9	-0.1	-1.4	-0.2	3.4	0.1
<b>Jun/June</b>	0.2	-0.3	7.0	0.2	-1.1	0.3	3.2	0.1
<i>Period</i> <i>Division</i>	<i>Manufacture of computer, electronic and optical products</i>		<i>Manufacture of electrical equipment</i>		<i>Manufacture of machinery and equipment n.e.c.</i>		<i>Manufacture of motor vehicles, trailers and semi trailers</i>	
	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>	% <i>Change year-on-year</i>	% <i>Change month-on-month</i>

**JADUAL**  
**TABLE** **3.1**

**Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut bahagian (MSIC 2008), Malaysia (samb.)**  
*Percentage change of PPI (2010=100) for local production by division (MSIC 2008), Malaysia (cont'd)*

Tempoh Bahagian	30		31		35		36	
	Pembuatan kelengkapan pengangkutan lain		Pembuatan perabot		Bekalan elektrik dan gas		Penakungan, perawatan dan bekalan air	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>		<b>0.35</b>		<b>0.82</b>		<b>3.05</b>		<b>0.34</b>
<b>2011</b>	1.1		2.1		3.9		4.2	
<b>2012</b>	0.4		2.0		3.2		-0.1	
<b>2013</b>	9.9		1.0		0.6		2.5	
<b>2014</b>	0.9		0.7		10.3		0.9	
<b>2015</b>	0.8		2.3		-4.6		2.5	
<b>2016</b>	0.8		-0.7		-0.9		3.5	
<b>2016</b>								
<b>Jan</b>	-0.8	0.0	0.8	-2.2	-4.1	0.2	5.2	-1.0
<b>Feb</b>	-0.9	0.0	0.7	0.4	-4.2	0.2	8.8	-0.1
<b>Mac/Mar</b>	-0.5	0.4	0.4	0.0	-5.0	-0.1	4.6	-0.1
<b>Apr</b>	1.6	0.2	0.2	0.1	-3.8	-1.1	6.7	2.1
<b>Mei/May</b>	0.0	-1.6	0.1	0.0	-3.6	0.9	4.7	-0.9
<b>Jun/June</b>	0.6	0.0	-1.2	-0.1	-1.1	2.2	3.4	0.6
<b>Jul/July</b>	-1.0	0.0	-1.1	0.1	0.6	-0.3	2.9	-1.0
<b>Ogos/Aug</b>	0.8	1.8	-1.3	0.0	1.3	0.4	1.9	0.4
<b>Sept</b>	2.2	0.0	-1.4	0.0	1.4	0.0	2.4	0.4
<b>Okt/Oct</b>	-1.2	-1.9	-1.7	-0.1	2.1	0.8	1.5	0.3
<b>Nov</b>	-1.2	0.0	-1.8	0.0	3.0	-0.1	0.4	-0.9
<b>Dis/Dec</b>	10.0	11.4	-2.1	-0.3	3.5	0.4	0.4	0.4
<b>2017</b>								
<b>Jan</b>	14.7	4.2	1.3	1.2	3.2	-0.1	0.0	-1.4
<b>Feb</b>	14.7	0.0	1.3	0.4	3.0	-0.1	-0.1	-0.2
<b>Mac/Mar</b>	14.3	0.0	1.9	0.6	3.3	0.3	1.0	1.0
<b>Apr</b>	14.1	0.0	1.7	-0.1	4.2	-0.3	-1.0	0.1
<b>Mei/May</b>	15.9	0.0	1.5	-0.2	3.0	-0.3	0.3	0.4
<b>Jun/June</b>	15.5	-0.4	1.5	-0.1	0.8	0.0	-0.7	-0.3

Period Division	Manufacture of other transport equipment		Manufacture of furniture		Electricity and gas supply		Water collection, treatment and supply	
	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month

JADUAL  
TABLE 4

IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut peringkat pemprosesan, Malaysia  
PPI (2010=100) for local production, percentage change by stage of processing, Malaysia

Peringkat pemprosesan	Indeks Index			Perubahan peratus Percentage change		Stage of processing
	Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017	
<b>Bahan mentah untuk diproseskan selanjutnya</b>	<b>96.2</b>	<b>104.3</b>	<b>100.0</b>	<b>-4.1</b>	<b>4.0</b>	<b>Crude materials for further processing</b>
Bahan makanan dan makanan untuk binatang	123.8	131.7	133.4	1.3	7.8	Foodstuffs and feedstuffs
Bahan bukan makanan	89.2	97.4	91.6	-6.0	2.7	Non-food materials
Bahan bukan makanan kecuali bahan api	96.6	102.6	97.6	-4.9	1.0	Non-food materials except fuel
Bahan api mentah	86.0	95.1	89.0	-6.4	3.5	Crude fuel
<b>Bahan perantara, bekalan dan komponen</b>	<b>100.1</b>	<b>110.5</b>	<b>110.0</b>	<b>-0.5</b>	<b>9.9</b>	<b>Intermediate materials, supplies and components</b>
Bahan dan komponen untuk pembuatan	102.9	109.6	107.7	-1.7	4.7	Materials and components for manufacturing
Bahan untuk pembuatan makanan	95.5	105.7	103.7	-1.9	8.6	Materials for food manufacturing
Bahan untuk pembuatan lain	105.9	111.2	109.3	-1.7	3.2	Materials for other manufacturing
Bahan dan komponen untuk pembinaan	103.8	106.0	105.7	-0.3	1.8	Materials and components for construction
Bahan api yang diproses dan pelicin	82.6	108.8	111.2	2.2	34.6	Processed fuel and lubricants
Bekas	104.6	109.0	109.6	0.6	4.8	Containers
Bekalan	119.7	121.1	120.6	-0.4	0.8	Supplies
Industri pembuatan	121.2	121.5	121.0	-0.4	-0.2	Manufacturing industries
Industri bukan pembuatan	109.0	118.4	118.2	-0.2	8.4	Non-manufacturing industries
Bekalan lain	109.0	118.4	118.2	-0.2	8.4	Other supplies
<b>Barang siap</b>	<b>102.4</b>	<b>103.8</b>	<b>103.7</b>	<b>-0.1</b>	<b>1.3</b>	<b>Finished goods</b>
Barangan pengguna siap	108.7	110.6	110.7	0.1	1.8	Finished consumer goods
Makanan pengguna siap	114.3	117.2	117.4	0.2	2.7	Finished consumer foods
Mentah	138.8	142.5	141.3	-0.8	1.8	Crude
Diproses	111.9	114.7	115.0	0.3	2.8	Processed
Barangan pengguna siap kecuali makanan	106.3	107.7	107.8	0.1	1.4	Finished consumer goods, excluding foods
Tahan lama	104.4	104.4	104.4	0.0	0.0	Durable
Semi-tahan lama	110.4	111.9	112.4	0.4	1.8	Semi-durable
Tidak tahan lama	104.6	107.1	107.0	-0.1	2.3	Non-durable
Kelengkapan modal	99.3	100.5	100.4	-0.1	1.1	Capital equipment
Industri pembuatan	100.5	102.2	102.6	0.4	2.1	Manufacturing industries
Industri bukan pembuatan	98.5	99.2	98.6	-0.6	0.1	Non-manufacturing industries
<b>Jumlah</b>	<b>99.9</b>	<b>107.5</b>	<b>106.3</b>	<b>-1.1</b>	<b>6.4</b>	<b>Total</b>

**JADUAL**  
**TABLE** **4.1**

**IHPR (2010=100) bagi pengeluaran tempatan mengikut peringkat pemrosesan, Malaysia**  
*PPI (2010=100) for local production by stage of processing, Malaysia*

<b>Tempoh</b> <b>Peringkat</b> <b>pemrosesan</b>	<b>Jumlah</b>	<b>1</b> <b>Bahan mentah</b> <b>untuk</b> <b>diproseskan</b> <b>selanjutnya</b>	<b>1.1</b> <b>Bahan makanan</b> <b>dan makanan</b> <b>untuk</b> <b>binatang</b>	<b>1.2</b> <b>Bahan</b> <b>bukan</b> <b>makanan</b>	<b>1.2.1</b> <b>Bahan bukan</b> <b>makanan</b> <b>kecuali</b> <b>bahan api</b>	<b>1.2.2</b> <b>Bahan api</b> <b>mentah</b>
<b>Wajaran (Weights)</b>	<b>100.00</b>	<b>20.32</b>	<b>4.11</b>	<b>16.21</b>	<b>4.82</b>	<b>11.39</b>
<b>2011</b>	112.3	124.7	111.7	128.0	122.7	130.3
<b>2012</b>	111.8	121.2	112.8	123.3	102.1	132.3
<b>2013</b>	108.8	116.9	115.2	117.4	83.5	131.7
<b>2014</b>	110.4	114.4	120.1	113.0	86.9	124.0
<b>2015</b>	102.2	90.9	121.6	83.1	78.0	85.3
<b>2016</b>	101.1	94.0	123.8	86.4	99.6	80.8
<b>2016</b>						
<b>Jan</b>	99.5	82.7	122.7	72.5	82.6	68.3
<b>Feb</b>	99.6	83.6	121.8	73.9	89.0	67.5
<b>Mac/Mar</b>	99.7	89.2	122.6	80.7	93.5	75.2
<b>Apr</b>	100.2	90.1	121.8	82.0	98.1	75.2
<b>Mei/May</b>	99.5	93.7	123.0	86.3	97.5	81.6
<b>Jun/June</b>	99.9	96.2	123.8	89.2	96.6	86.0
<b>Jul/July</b>	99.0	90.8	126.6	81.7	89.6	78.4
<b>Ogos/Aug</b>	100.2	93.5	126.2	85.2	99.9	78.9
<b>Sept</b>	102.0	97.7	125.3	90.6	109.7	82.6
<b>Okt/Oct</b>	102.7	99.2	123.1	93.1	102.4	89.2
<b>Nov</b>	103.8	99.3	124.1	93.0	111.2	85.3
<b>Dis/Dec</b>	107.5	111.5	124.0	108.3	125.1	101.2
<b>2017</b>						
<b>Jan</b>	109.6	115.0	125.8	112.3	128.1	105.5
<b>Feb</b>	110.4	115.1	129.6	111.4	124.9	105.7
<b>Mac/Mar</b>	108.7	108.1	129.3	102.7	109.7	99.7
<b>Apr</b>	107.7	106.1	129.6	100.2	99.9	100.4
<b>Mei/May</b>	107.5	104.3	131.7	97.4	102.6	95.1
<b>Jun/June</b>	106.3	100.0	133.4	91.6	97.6	89.0
<i>Period</i> <i>Stage of</i> <i>processing</i>	<i>Total</i>	<i>Crude</i> <i>materials for</i> <i>further</i> <i>processing</i>	<i>Foodstuffs</i> <i>and</i> <i>feedstuffs</i>	<i>Non-food</i> <i>materials</i>	<i>Non-food</i> <i>materials</i> <i>except fuel</i>	<i>Crude fuel</i>

**JADUAL**  
**TABLE** **4.1**

**IHPR (2010=100) bagi pengeluaran tempatan mengikut peringkat pemprosesan, Malaysia (samb.)**  
*PPI (2010=100) for local production by stage of processing, Malaysia (cont'd)*

Tempoh	2	2.1	2.1.1	2.1.2	2.2	2.3	2.4	2.5	2.5.1	2.5.2	2.5.2.2	
Peringkat pemprosesan	Bahan perantaraan bekalan dan komponen	Bahan dan komponen untuk pembuatan	Bahan untuk pembuatan makanan	Bahan Untuk pembuatan lain	Bahan dan komponen untuk pembinaan	Bahan api yang diproses dan pelicin	Bekas	Bekalan	Industri pembuatan	Industri bukan pembuatan	Bekalan lain	
Wajaran ( <i>Weights</i> )	53.56	27.9	7.94	19.96	5.31	13.2	0.46	6.69	5.86	0.83	0.83	
<b>2011</b>	113.8	116.4	121.4	114.5	101.8	119.9	103.3	101.2	101.2	101.5	101.5	
<b>2012</b>	113.9	109.0	109.8	108.7	102.2	131.6	104.1	108.9	109.6	103.4	103.4	
<b>2013</b>	109.9	101.2	92.9	104.5	102.0	131.3	101.9	111.0	111.5	107.4	107.4	
<b>2014</b>	113.6	103.9	97.9	106.3	102.7	138.7	102.4	113.8	114.7	107.4	107.4	
<b>2015</b>	106.6	101.1	91.2	105.1	103.5	112.8	102.7	119.8	121.4	108.4	108.4	
<b>2016</b>	103.2	103.3	96.9	105.8	103.8	94.1	104.2	120.4	121.9	109.8	109.8	
<b>2016</b>	<b>Jan</b>	104.3	100.1	91.0	103.7	103.9	105.3	103.6	120.7	122.4	108.7	108.7
	<b>Feb</b>	104.1	100.4	93.5	103.1	103.8	103.9	103.8	120.6	122.1	109.8	109.8
	<b>Mac/Mar</b>	102.4	101.4	94.6	104.1	103.5	95.8	103.6	119.0	120.4	109.0	109.0
	<b>Apr</b>	103.0	102.7	95.4	105.6	103.4	95.5	104.0	118.9	120.4	108.6	108.6
	<b>Mei/May</b>	100.4	103.0	96.0	105.8	103.3	83.7	104.2	119.7	121.3	108.0	108.0
	<b>Jun/June</b>	100.1	102.9	95.5	105.9	103.8	82.6	104.6	119.7	121.2	109.0	109.0
	<b>Jul/July</b>	100.5	101.7	93.8	104.9	103.8	87.0	104.2	119.3	120.7	109.0	109.0
	<b>Ogos/Aug</b>	101.8	102.4	95.9	104.9	103.8	90.1	104.5	120.6	122.1	110.0	110.0
	<b>Sept</b>	103.3	103.3	97.4	105.7	104.0	93.4	104.4	121.7	123.3	110.7	110.7
	<b>Okt/Oct</b>	104.1	104.5	99.6	106.4	103.8	94.5	104.1	121.6	123.2	109.8	109.8
	<b>Nov</b>	106.2	107.1	102.6	108.8	104.3	97.5	104.4	121.0	122.5	109.9	109.9
	<b>Dis/Dec</b>	108.3	109.7	107.2	110.7	104.4	100.1	105.0	122.0	122.9	115.6	115.6
<b>2017</b>	<b>Jan</b>	110.6	111.9	110.7	112.3	105.1	104.8	105.5	121.7	122.2	118.3	118.3
	<b>Feb</b>	112.0	112.7	111.6	113.2	105.1	108.4	107.0	121.8	122.3	118.1	118.1
	<b>Mac/Mar</b>	111.2	111.6	108.9	112.6	105.2	107.6	107.5	121.6	122.1	117.8	117.8
	<b>Apr</b>	110.1	110.1	106.8	111.3	106.1	106.3	108.9	121.2	121.6	118.3	118.3
	<b>Mei/May</b>	110.5	109.6	105.7	111.2	106.0	108.8	109.0	121.1	121.5	118.4	118.4
	<b>Jun/June</b>	110.0	107.7	103.7	109.3	105.7	111.2	109.6	120.6	121.0	118.2	118.2
<i>Period</i>	<b>Intermediate materials supplies and components</b>	<i>Materials and components for manufacturing</i>	<i>Materials for food manufacturing</i>	<i>Materials for other manufacturing</i>	<i>Materials and components for construction</i>	<i>Processed fuels and lubricants</i>	<i>Containers</i>	<i>Supplies</i>	<i>Manufacturing industries</i>	<i>Non-manufacturing industries</i>	<i>Other supplies</i>	

**JADUAL  
TABLE 4.1**

**IHPR (2010=100) bagi pengeluaran tempatan mengikut peringkat pemprosesan, Malaysia (samb.)**  
*PPI (2010=100) for local production by stage of processing, Malaysia (cont'd)*

Tempoh	3	3.1	3.1.1	3.1.1.1	3.1.1.2	3.1.2	3.1.2.1	3.1.2.2	3.1.2.3	3.2	3.2.1	3.2.2
Peringkat pemprosesan	Barang siap	Barangan pengguna siap	Makanan pengguna siap	Mentah	Diproses	Barangan pengguna siap kecuali makanan	Tahan lama	Semi-tahan lama	Tidak tahan lama	Kelengkapan modal	Industri pembuatan	Industri bukan pembuatan
<b>Wajaran (Weights)</b>	<b>26.12</b>	<b>8.41</b>	<b>2.56</b>	<b>0.23</b>	<b>2.33</b>	<b>5.85</b>	<b>1.71</b>	<b>1.73</b>	<b>2.41</b>	<b>17.71</b>	<b>7.85</b>	<b>9.86</b>
<b>2011</b>	99.6	104.3	106.9	108.5	106.7	103.2	101.2	103.1	104.5	97.4	96.5	98.0
<b>2012</b>	100.4	104.8	107.7	111.6	107.3	103.5	102.8	105.1	103.0	98.2	98.9	97.7
<b>2013</b>	100.1	105.0	107.8	118.6	106.8	103.7	103.4	105.5	102.8	97.8	97.7	97.9
<b>2014</b>	100.9	106.4	110.5	133.1	108.3	104.5	103.7	106.9	103.4	98.4	98.9	97.9
<b>2015</b>	102.1	107.7	112.2	139.2	109.6	105.8	104.8	109.0	104.1	99.3	100.5	98.4
<b>2016</b>	102.5	108.7	114.3	140.2	111.8	106.2	104.4	110.7	104.3	99.6	101.0	98.5
<b>2016</b>												
<b>Jan</b>	102.8	108.5	113.7	138.8	111.2	106.3	104.3	110.4	104.7	100.1	102.0	98.6
<b>Feb</b>	102.8	108.5	114.3	141.7	111.6	106.0	104.4	110.3	104.1	100.0	101.8	98.6
<b>Mac/Mar</b>	102.4	108.3	114.0	137.1	111.7	105.8	104.4	109.9	103.8	99.6	100.9	98.6
<b>Apr</b>	102.4	108.5	114.5	139.3	112.1	105.9	104.4	110.3	103.8	99.4	100.4	98.6
<b>Mei/May</b>	102.4	108.7	114.4	138.9	112.0	106.2	104.4	110.5	104.3	99.4	100.6	98.5
<b>Jun/June</b>	102.4	108.7	114.3	138.8	111.9	106.3	104.4	110.4	104.6	99.3	100.5	98.5
<b>Jul/July</b>	102.1	108.6	114.4	141.6	111.7	106.1	104.5	110.3	104.1	99.0	99.9	98.3
<b>Ogos/Aug</b>	102.3	109.0	115.0	144.1	112.1	106.4	104.4	111.2	104.3	99.1	100.1	98.3
<b>Sept</b>	102.6	109.1	114.6	142.2	111.9	106.6	104.5	111.6	104.6	99.5	101.0	98.4
<b>Okt/Oct</b>	102.6	109.1	114.7	140.6	112.1	106.6	104.4	111.5	104.7	99.6	101.2	98.3
<b>Nov</b>	102.6	108.6	114.1	139.8	111.5	106.2	104.4	110.7	104.4	99.7	101.3	98.4
<b>Dis/Dec</b>	102.8	108.6	113.9	139.2	111.4	106.2	104.3	111.1	104.1	100.1	101.9	98.6
<b>2017</b>												
<b>Jan</b>	103.2	109.5	115.4	141.2	112.9	106.9	104.2	111.3	105.8	100.3	102.4	98.6
<b>Feb</b>	103.6	110.3	116.5	147.1	113.5	107.5	104.3	111.5	106.9	100.4	102.5	98.7
<b>Mac/Mar</b>	103.9	110.7	117.3	144.1	114.6	107.8	104.6	112.0	107.1	100.7	102.8	99.1
<b>Apr</b>	103.8	111.0	117.7	146.6	114.8	108.0	104.6	112.1	107.6	100.3	102.3	98.8
<b>Mei/May</b>	103.8	110.6	117.2	142.5	114.7	107.7	104.4	111.9	107.1	100.5	102.2	99.2
<b>Jun/June</b>	103.7	110.7	117.4	141.3	115.0	107.8	104.4	112.4	107.0	100.4	102.6	98.6

Period Stage of processing	Finished goods	Finished consumer goods	Finished consumer foods	Crude	Processed	Finished consumer goods excluding foods	Durable	Semi- durable	Non- durable	Capital equipment	Manufacturing industries	Non- manufacturing industries
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**JADUAL**  
**TABLE 5**
**IHPR (2010=100) bagi pengeluaran tempatan, perubahan peratus mengikut seksyen barangan (SITC 4), Malaysia**  
*PPI (2010=100) for local production, percentage change by commodity section (SITC 4), Malaysia*

Seksyen Barangan <i>Commodity Section</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan peratus <i>Percentage change</i>	
			Jun/June 2016	Mei/May 2017	Jun/June 2017	Mei/May 2017 - Jun/June 2017	Jun/June 2016 - Jun/June 2017
<b>Jumlah</b> <i>Total</i>		<b>100.00</b>	<b>99.9</b>	<b>107.5</b>	<b>106.3</b>	<b>-1.1</b>	<b>6.4</b>
<b>Makanan</b> <i>Food</i>	<b>0</b>	<b>5.71</b>	120.9	127.1	128.2	0.9	6.0
<b>Minuman dan tembakau</b> <i>Beverages and tobacco</i>	<b>1</b>	<b>1.36</b>	112.6	113.4	114.2	0.7	1.4
<b>Bahan-bahan mentah tidak boleh dimakan</b> <i>Crude materials, inedible</i>	<b>2</b>	<b>8.24</b>	94.9	101.3	97.4	-3.8	2.6
<b>Bahan api galian, pelincir, dll.</b> <i>Mineral fuels, lubricants, etc.</i>	<b>3</b>	<b>24.58</b>	84.2	102.5	100.9	-1.6	19.8
<b>Minyak dan lemak binatang dan sayur-sayuran</b> <i>Animal and vegetable oils and fats</i>	<b>4</b>	<b>10.29</b>	98.7	108.9	106.5	-2.2	7.9
<b>Bahan kimia</b> <i>Chemicals</i>	<b>5</b>	<b>8.12</b>	112.9	116.3	114.3	-1.7	1.2
<b>Barang-barang keluaran kilang</b> <i>Manufactured goods</i>	<b>6</b>	<b>11.21</b>	103.9	107.4	106.9	-0.5	2.9
<b>Jentera dan kelengkapan pengangkutan</b> <i>Machinery and transport equipment</i>	<b>7</b>	<b>25.04</b>	104.4	105.7	105.5	-0.2	1.1
<b>Pelbagai barang keluaran kilang</b> <i>Miscellaneous manufactured articles</i>	<b>8</b>	<b>5.45</b>	107.1	109.9	109.9	0.0	2.6

**JADUAL**  
**TABLE** **5.1**

**IHPR (2010=100) bagi pengeluaran tempatan mengikut seksyen barangan (SITC 4), Malaysia**  
*PPI (2010=100) for local production by commodity section (SITC 4), Malaysia*

Tempoh Seksyen Barangan	Jumlah	0	1	2	3	4	5	6	7	8
		Makanan	Minuman dan tembakau	Bahan- bahan mentah tidak boleh dimakan	Bahan api galian, pelincir, dll.	Minyak dan lemak binatang dan sayur- sayuran	Bahan kimia	Barang- barang keluaran kilang	Jentera dan kelengkapan pengangkutan	Pelbagai barang keluaran kilang
<b>Wajaran (Weights)</b>	<b>100.00</b>	<b>5.71</b>	<b>1.36</b>	<b>8.24</b>	<b>24.58</b>	<b>10.29</b>	<b>8.12</b>	<b>11.21</b>	<b>25.04</b>	<b>5.45</b>
<b>2011</b>	112.3	110.2	105.0	122.8	124.7	123.2	112.5	104.4	98.6	103.2
<b>2012</b>	111.8	110.5	105.9	104.9	131.9	110.4	111.2	103.7	101.2	103.6
<b>2013</b>	108.8	111.9	107.3	88.9	131.5	93.3	112.5	102.8	101.4	103.7
<b>2014</b>	110.4	116.9	110.6	86.7	131.9	100.6	115.9	103.5	102.5	104.1
<b>2015</b>	102.2	118.6	111.3	82.2	100.1	93.9	114.9	103.4	104.7	106.1
<b>2016</b>	101.1	120.8	112.4	96.9	88.0	100.1	112.1	103.8	104.8	107.2
<b>2016</b>										
<b>Jan</b>	99.5	119.8	112.3	85.1	88.2	93.7	112.5	102.5	105.3	107.4
<b>Feb</b>	99.6	119.5	112.3	88.8	87.1	96.2	110.6	102.7	105.2	107.0
<b>Mac/Mar</b>	99.7	120.0	112.2	92.2	86.3	97.9	110.1	103.2	104.5	106.7
<b>Apr</b>	100.2	119.5	112.6	96.3	86.1	98.2	111.1	104.5	104.3	106.7
<b>Mei/May</b>	99.5	120.5	112.4	96.0	82.7	98.5	112.2	104.1	104.5	106.9
<b>Jun/June</b>	99.9	120.9	112.6	94.9	84.2	98.7	112.9	103.9	104.4	107.1
<b>Jul/July</b>	99.0	123.0	112.4	90.1	83.0	97.2	111.6	103.7	104.1	107.0
<b>Ogos/Aug</b>	100.2	122.9	112.5	96.2	84.9	99.2	111.5	103.7	104.5	107.0
<b>Sept</b>	102.0	122.1	112.6	102.2	88.4	100.8	112.3	103.9	105.1	107.4
<b>Okt/Oct</b>	102.7	120.4	112.7	99.0	92.0	102.9	112.6	103.8	105.0	107.5
<b>Nov</b>	103.8	120.7	112.5	105.7	91.9	106.7	113.8	104.8	105.0	107.6
<b>Dis/Dec</b>	107.5	120.8	111.7	116.1	100.6	111.1	113.9	105.3	105.6	107.7
<b>2017</b>										
<b>Jan</b>	109.6	122.6	111.2	119.3	105.1	114.9	114.2	106.3	105.7	109.0
<b>Feb</b>	110.4	125.8	111.7	117.8	107.2	115.5	114.8	107.2	105.8	109.4
<b>Mac/Mar</b>	108.7	125.5	113.2	107.8	104.0	112.6	115.6	107.3	106.0	109.7
<b>Apr</b>	107.7	125.9	113.1	100.0	103.5	109.8	115.9	107.7	105.6	110.0
<b>Mei/May</b>	107.5	127.1	113.4	101.3	102.5	108.9	116.3	107.4	105.7	109.9
<b>Jun/June</b>	106.3	128.2	114.2	97.4	100.9	106.5	114.3	106.9	105.5	109.9
<i>Period</i> <i>Commodity Section</i>	<i>Total</i>	<i>Food</i>	<i>Beverages and tobacco</i>	<i>Crude materials, inedible</i>	<i>Mineral fuels, lubricants, etc.</i>	<i>Animal and vegetable oils and fats</i>	<i>Chemicals</i>	<i>Manufactured goods</i>	<i>Machinery and transport equipment</i>	<i>Miscellaneous manufactured articles</i>

Tempoh Seksyen Barangan	Jumlah		0 Makanan		1 Minuman dan tembakau		2 Bahan-bahan mentah tidak boleh dimakan		3 Bahan api galian, pelincir, dll.	
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan
<b>Wajaran (Weights)</b>	<b>100.00</b>		<b>5.71</b>		<b>1.36</b>		<b>8.24</b>		<b>24.58</b>	
<b>2011</b>	12.3		10.2		5.0		22.8		24.7	
<b>2012</b>	-0.4		0.3		0.9		-14.6		5.8	
<b>2013</b>	-2.7		1.3		1.3		-15.3		-0.3	
<b>2014</b>	1.5		4.5		3.1		-2.5		0.3	
<b>2015</b>	-7.4		1.5		0.6		-5.2		-24.1	
<b>2016</b>	-1.1		1.9		1.0		17.9		-12.1	
<b>2016</b>										
Jan	-4.4	-1.4	0.6	1.1	1.9	-0.3	1.3	2.9	-17.5	-6.8
Feb	-4.8	0.1	0.3	-0.3	2.6	0.0	5.5	4.3	-19.9	-1.2
Mac/Mar	-3.9	0.1	0.4	0.4	1.4	-0.1	9.9	3.8	-17.7	-0.9
Apr	-2.8	0.5	0.8	-0.4	1.7	0.4	17.9	4.4	-17.0	-0.2
Mei/May	-2.1	-0.7	1.9	0.8	1.4	-0.2	18.1	-0.3	-16.0	-3.9
Jun/June	-1.3	0.4	2.3	0.3	1.1	0.2	13.0	-1.1	-11.9	1.8
Jul/July	-2.1	-0.9	3.8	1.7	0.9	-0.2	9.3	-5.1	-13.5	-1.4
Ogos/Aug	-0.1	1.2	3.5	-0.1	0.6	0.1	24.0	6.8	-10.3	2.3
Sept	0.4	1.8	2.8	-0.7	0.7	0.1	30.4	6.2	-10.9	4.1
Okt/Oct	0.1	0.7	1.6	-1.4	0.4	0.1	18.3	-3.1	-8.8	4.1
Nov	2.2	1.1	2.5	0.2	0.1	-0.2	28.7	6.8	-5.5	-0.1
Dis/Dec	6.5	3.6	1.9	0.1	-0.8	-0.7	40.4	9.8	6.3	9.5
<b>2017</b>										
Jan	10.2	2.0	2.3	1.5	-1.0	-0.4	40.2	2.8	19.2	4.5
Feb	10.8	0.7	5.3	2.6	-0.5	0.4	32.7	-1.3	23.1	2.0
Mac/Mar	9.0	-1.5	4.6	-0.2	0.9	1.3	16.9	-8.5	20.5	-3.0
Apr	7.5	-0.9	5.4	0.3	0.4	-0.1	3.8	-7.2	20.2	-0.5
Mei/May	8.0	-0.2	5.5	1.0	0.9	0.3	5.5	1.3	23.9	-1.0
Jun/June	6.4	-1.1	6.0	0.9	1.4	0.7	2.6	-3.8	19.8	-1.6
<b>Period</b>	<b>Total</b>		<b>Food</b>		<b>Beverages and tobacco</b>		<b>Crude materials, inedible</b>		<b>Mineral fuels, lubricants, etc.</b>	
<b>Commodity Section</b>	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month	% Change year- on-year	% Change month- on-month

Perubahan peratus IHPR (2010=100) bagi pengeluaran tempatan mengikut seksyen barangan (SITC 4), Malaysia (samb.)  
Percentage change of PPI (2010=100) for local production by commodity section (SITC 4), Malaysia (cont'd)

Tempoh Seksyen Barangan	4 Minyak dan lemak binatang dan sayur-sayuran		5 Bahan kimia		6 Barang-barang keluaran kilang		7 Jentera dan kelengkapan pengangkutan		8 Pelbagai barang keluaran kilang		
	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	% Perubahan tahun ke tahun	% Perubahan bulan ke bulan	
<b>Wajaran (Weights)</b>	<b>10.29</b>		<b>8.12</b>		<b>11.21</b>		<b>25.04</b>		<b>24.58</b>		
<b>2011</b>	23.2		12.5		4.4		-1.4		3.2		
<b>2012</b>	-10.4		-1.2		-0.7		2.6		0.4		
<b>2013</b>	-15.5		1.2		-0.9		0.2		0.1		
<b>2014</b>	7.8		3.0		0.7		1.1		0.4		
<b>2015</b>	-6.7		-0.9		-0.1		2.1		1.9		
<b>2016</b>	6.6		-2.4		0.4		0.1		1.0		
<b>2016</b>	<b>Jan</b>	-3.1	1.4	-1.6	-0.5	-1.2	-0.3	1.4	-0.2	2.4	0.0
	<b>Feb</b>	-1.1	2.7	-3.1	-1.7	-1.0	0.2	1.0	-0.1	1.9	-0.4
	<b>Mac/Mar</b>	1.2	1.8	-4.8	-0.5	-0.5	0.5	0.1	-0.7	1.5	-0.3
	<b>Apr</b>	4.4	0.3	-4.1	0.9	0.9	1.3	-0.2	-0.2	1.2	0.0
	<b>Mei/May</b>	5.2	0.3	-2.5	1.0	0.5	-0.4	0.1	0.2	1.5	0.2
	<b>Jun/June</b>	4.9	0.2	-2.4	0.6	0.4	-0.2	0.3	-0.1	1.1	0.2
	<b>Jul/July</b>	3.6	-1.5	-3.9	-1.2	0.5	-0.2	0.0	-0.3	0.6	-0.1
	<b>Ogos/Aug</b>	7.7	2.1	-2.8	-0.1	0.3	0.0	0.0	0.4	0.4	0.0
	<b>Sept</b>	10.6	1.6	-2.4	0.7	0.5	0.2	-0.2	0.6	0.4	0.4
	<b>Okt/Oct</b>	11.6	2.1	-1.5	0.3	0.6	-0.1	-0.4	-0.1	0.4	0.1
	<b>Nov</b>	15.4	3.7	-1.0	1.1	1.7	1.0	-0.6	0.0	0.2	0.1
	<b>Dis/Dec</b>	20.2	4.1	0.7	0.1	2.4	0.5	0.1	0.6	0.3	0.1
<b>2017</b>	<b>Jan</b>	22.6	3.4	1.5	0.3	3.7	0.9	0.4	0.1	1.5	1.2
	<b>Feb</b>	20.1	0.5	3.8	0.5	4.4	0.8	0.6	0.1	2.2	0.4
	<b>Mac/Mar</b>	15.0	-2.5	5.0	0.7	4.0	0.1	1.4	0.2	2.8	0.3
	<b>Apr</b>	11.8	-2.5	4.3	0.3	3.1	0.4	1.2	-0.4	3.1	0.3
	<b>Mei/May</b>	10.6	-0.8	3.7	0.3	3.2	-0.3	1.1	0.1	2.8	-0.1
	<b>Jun/June</b>	7.9	-2.2	1.2	-1.7	2.9	-0.5	1.1	-0.2	2.6	0.0
<i>Period</i> <i>Commodity Section</i>	<i>Animal and vegetable oils and fats</i>		<i>Chemicals</i>		<i>Manufactured goods</i>		<i>Machinery and transport equipment</i>		<i>Miscellaneous manufactured articles</i>		
	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	% <i>Change year- on-year</i>	% <i>Change month- on-month</i>	



**NOTA**  
**TEKNIKAL**  
*TECHNICAL*  
*NOTES*

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# NOTA TEKNIKAL

## 1. Pengenalan

- 1.1 Penerbitan ini mengandungi Indeks Harga Pengeluar (IHPR) bagi pengeluaran tempatan yang disusun menggunakan 2010 sebagai tahun asas.
- 1.2 IHPR yang pertama telah disusun bagi Semenanjung Malaysia untuk tahun rujukan 1973 menggunakan tahun asas 1972. Sejak itu, ia telah melalui beberapa siri pembangunan yang bukan sahaja telah memperbaiki metodologi yang digunakan tetapi juga telah menjadikannya sebagai salah satu daripada penunjuk ekonomi utama negara. Selepas tahun asas 1972, IHPR telah dikira bagi tahun asas 1978, 1989, 2000, 2005 dan kini disusun menggunakan 2010 sebagai tahun asas.
- 1.3 Indeks harga pengeluar bagi pengeluaran tempatan merupakan indeks berasaskan output, yang mengukur perubahan harga komoditi untuk jualan pasaran tempatan yang dinilai pada harga di kilang.
- 1.4 IHPR bagi pengeluaran tempatan mengukur purata perubahan harga yang dikenakan oleh pengeluar barangan dalam sesuatu industri pada bulan rujukan berbanding tempoh asas. Oleh itu, ia merupakan penunjuk ekonomi makro yang digunakan bagi memantau pergerakan harga output tempatan dan sering dilihat sebagai penunjuk awal kepada Indeks Harga Pengguna.

# TECHNICAL NOTES

## 1. Introduction

- 1.1 *This publication comprised of the Producer Price Index (PPI) for local production compiled using 2010 as the base year.*
- 1.2 *The first PPI was compiled for Peninsular Malaysia for the reference year 1973 with 1972 as its base year. Since then, it has undergone a series of development which has not only improved the methodology but also placed itself as one of the leading economic indicators in the country. Subsequent to 1972 base year, the PPI was constructed for base years 1978, 1989, 2000, 2005 and is currently compiled using 2010 as the base year.*
- 1.3 *The producer price index for local production is an output based index, which measures the change in the price of commodities sold to the domestic market valued at the ex-factory price.*
- 1.4 *The PPI for local production measures the average change in the prices charged by producers of goods of an industry in a reference month compared with the base period. Thus, it is an important macroeconomic indicator used for monitoring the price movements of local outputs and is often viewed as a leading indicator of Consumer Price Index.*

## 2. Skop dan Liputan

### 2.1 Pengeluaran Tempatan

IHPR meliputi lima sektor ekonomi, iaitu Pertanian, Perhutanan & Perikanan, Perlombongan, Pembuatan, Bekalan elektrik & gas dan Bekalan air.

Indeks diterbitkan di peringkat kumpulan tiga digit, peringkat bahagian dua digit dan peringkat sektor satu digit untuk peringkat Malaysia.

### 2.2 IHPR bagi pengeluaran tempatan mengikut Peringkat Pemprosesan

IHPR bagi pengeluaran tempatan mengikut peringkat pemprosesan dibentuk setelah komoditi yang disusun semula dan dikelaskan kepada peringkat pemprosesan iaitu:

- (a) Bahan mentah untuk diproseskan selanjutnya
- (b) Bahan perantaraan, bekalan dan komponen
- (c) Barang siap

### 2.3 Liputan Produk

Satu koleksi komoditi yang pelbagai telah dipilih untuk mewakili pelbagai sektor ekonomi dan harga bagi komoditi ini dipungut setiap bulan. Sejumlah 657 item komoditi digunakan dalam penyusunan IHPR bagi pengeluaran tempatan.

## 3. Konsep

- 3.1 Ia merujuk kepada harga yang diterima oleh pengeluar pada peringkat pertama pengkomersilan. Bagi barangan yang dikeluarkan, diproses atau dipasang di Malaysia, harga pengeluar merujuk kepada harga selepas ditolak diskaun dan rebet yang diberikan oleh pengilang dan tidak termasuk kos pengangkutan yang disewa serta kos pengangkutan lain antara pengeluar dan pembeli.

## 2. Scope and Coverage

### 2.1 Local Production

*PPI covers the following five sectors of the economy, namely Agriculture, Forestry & Fishing, Mining, Manufacturing, Electricity & gas supply and Water supply.*

*The indices are published at three digit group level, two digit division levels and one digit sector level for Malaysia.*

### 2.2 PPI for local production by Stage of Processing

*PPI for local production by stage of processing is compiled by reclassifying the commodities according to the following stage of processing:*

- (a) Crude materials for further processing*
- (b) Intermediate materials, supplies and components*
- (c) Finished goods*

### 2.3 Product Coverage

*A wide collection of commodities are selected to represent the various sectors of the economy and the prices for these commodities are collected on a monthly basis. A total of 657 commodity items are used in the compilation of the PPI for local production.*

## 3. Concept

- 3.1 *This refers to prices received by the producer at the first stage of commercialisation. As for goods produced, processed or assembled in Malaysia, producer prices refer to prices which are net of discounts and rebates given by the manufacturers and net of freight by hired transport and other transport costs between producer and purchaser.*

3.2 Kos pengangkutan bagi pertubuhan yang tidak menyewa perkhidmatan pengangkutan tetapi menggunakan kemudahan pengangkutan sendiri lazimnya merupakan sebahagian daripada kos item, dan ia telah diambilkira kerana sukar untuk mengasingkannya.

3.3 Harga pengeluar bagi pengeluaran tempatan untuk tahun asas 2005 dan 2010 adalah harga di kilang sahaja, tidak termasuk duti eksais dan cukai jualan. Walau bagaimanapun, bagi tahun asas 1972, 1978, 1989 dan 2000, duti eksais dan cukai jualan dimasukkan sebagai komponen dalam harga pengeluar.

3.4 Pungutan harga bagi item komoditi terpilih merujuk kepada harga transaksi sebenar dan bukannya harga senarai.

#### **4. Pemilihan Produk**

4.1 Adalah penting untuk mengenalpasti produk yang mana data harga diperlukan kerana tidak mungkin untuk mengambil kira semua komoditi yang dikeluarkan dalam negara. Oleh itu, bilangan sampel bagi komoditi dalam survei IHPR adalah agak kecil berbanding dengan saiz populasi.

4.2 Pemilihan produk bagi survei harga bulanan adalah berdasarkan sumbangan item kepada jumlah output industri tersebut. Produk yang terpilih adalah mewakili kumpulannya. Item yang dimasukkan dalam pengiraan indeks secara kolektif menyumbang lebih 85 peratus daripada jumlah output bagi industri yang dipilih.

#### **5. Pemilihan Pertubuhan**

Pemilihan pertubuhan adalah berdasarkan sumbangan pertubuhan tersebut kepada jumlah output bagi industri yang telah terpilih. Pertubuhan yang terpilih mewakili produk masing-masing. Pertubuhan ini secara kolektif menyumbang sekurang-kurangnya 85 peratus daripada jumlah output produk yang terpilih. Senarai pertubuhan yang terlibat dalam

3.2 *The cost of transport for establishments which do not hire transport services but utilise their own transport facilities normally forms part of the cost of the item, are included as they are difficult to segregate.*

3.3 *The producer price for local production for the base years 2005 and 2010 refers to the ex-factory price only, excludes excise duty and sales tax. However, for base years 1972, 1978, 1989 and 2000, excise duties and sales tax were included as components of the producer price.*

3.4 *The price collection for the selected commodity refers to the actual transacted price and not the list price.*

#### **4. Selection of Products**

4.1 *It is essential to identify the products for which price data are needed as it is not possible to include all the commodities produced in the country. Hence, the number of sample commodities in the PPI survey is relatively small compared to the population size.*

4.2 *The selection of the products for the monthly producer price survey is based on their contributions to the total output of the industry. The selected items are representative of their group. The items included in the compilation of the index collectively accounted for at least 85 per cent of the total output of the industry selected.*

#### **5. Selection of Establishments**

*The selection of establishments is based on their contributions to the total output of the selected industry. The selected establishments are representative of their products. These establishments collectively accounted for at least 85 per cent of the total output of the products selected. The lists of establishments are drawn from the Economic Census, 2010*

pengeluaran tempatan diambil daripada Banci Ekonomi 2010 dan sumber-sumber tambahan. Sampel tersebut meliputi 1,165 pertubuhan yang dipilih secara 'cut-off' daripada rangka survei pembuatan bulanan dan tahunan. Senarai pertubuhan ini dikemaskini setiap tahun. Pada tahun 2017, bilangan pertubuhan yang diliputi adalah sebanyak 1346.

## 6. Pemilihan Komoditi

6.1 Adalah penting untuk menjalankan kajian awal bagi mengenal pasti jenis produk yang laris jualannya bagi setiap item komoditi yang terpilih di samping keterangan/spesifikasi yang terperinci tentang jenama, gred, saiz dan unit ukuran bagi item yang dikeluarkan atau diimport untuk tujuan pungutan harga. Borang soal selidik dihantar kepada semua pertubuhan terpilih pada peringkat awal bagi mendapatkan maklumat berikut:-

- (a) Jenama komoditi yang biasa dikeluarkan
- (b) Jenama komoditi yang memberikan sumbangan yang penting kepada pengeluaran syarikat
- (c) Keterangan dan spesifikasi terperinci bagi jenama yang dinyatakan di (a) dan (b)
- (d) Brosur/katalog bagi jenama komoditi

6.2 Liputan komoditi adalah sebanyak 657 yang diambil daripada Banci Ekonomi 2010.

## 7. Sumber Data/Pungutan Harga

Secara keseluruhannya, sebanyak 2,790 sebut harga dipungut setiap bulan daripada pertubuhan dan agensi kerajaan. Senarai agensi kerajaan yang diliputi survei adalah seperti berikut:

- Gas Malaysia Sdn Bhd
- Jabatan Bekalan Air Negeri
- Jabatan Perikanan Malaysia
- Jabatan Perkhidmatan Veterinar
- Lembaga Koko Malaysia
- Lembaga Lada Malaysia

*as well as from other supplementary sources. The sample covers 1,165 establishments selected on a cut-off basis from the monthly and annual manufacturing frames. The list of these establishments has been updated every year. For the year 2017, the list of establishments covered are 1346.*

## 6. Selection of Commodities

6.1 *It is necessary to conduct a preliminary survey to identify the major selling product varieties under each of the commodity item selected as well as detailed description/ specification pertaining to the brand, grade, size and unit of measurement of items produced for price collection purposes. Questionnaires are dispatched to all selected establishments at the initial stage to enquire the following information:-*

- (a) Regularly produced commodity brands*
- (b) Commodity brands that constitute a significant share of the companies' production*
- (c) Detailed descriptions and specifications of the brands stated in (a) and (b)*
- (d) Brochures/catalogues of the commodity brands*

6.2 *Commodity coverage is 657 which are drawn from the Economic Census, 2010.*

## 7. Sources/Price Collection

*Overall, 2,790 price quotations are collected, on a monthly basis, from both establishments and government agencies. The list of government agencies covered by the survey are as follows:*

- Gas Malaysia Sdn Bhd*
- State Water Supply Department*
- Department of Fisheries*
- Department of Veterinary Services*
- Malaysian Cocoa Board*
- Malaysian Pepper Board*

- Lembaga Getah Malaysia
- Lembaga Minyak Sawit Malaysia
- Lembaga Pemasaran Pertanian Persekutuan
- Lembaga Perusahaan Kayu Malaysia
- Petroliam Nasional Berhad
- Tenaga Nasional Berhad

- *Malaysian Rubber Board*
- *Malaysian Palm Oil Board (MPOB)*
- *Federal Agriculture Marketing Authority (FAMA)*
- *Malaysian Timber Industry Board (MTIB)*
- *Petroliam Nasional Berhad (PETRONAS)*
- *Tenaga Nasional Berhad (TNB)*

## **8. Kawalan Kualiti**

- 8.1 Satu siri semakan dibuat bagi menentukan data harga yang diterima adalah munasabah, konsisten dan tepat. Prosedur semakan harga termasuk membuat perbandingan Harga semasa dengan harga yang dilaporkan pada bulan sebelumnya bagi responden yang sama, di samping harga yang dilaporkan oleh responden lain bagi item komoditi yang sama. Harga yang menunjukkan perbezaan yang luar biasa akan dirujuk kepada responden untuk penjelasan bagi menentukan ketepatan.
- 8.2 Harga yang dilaporkan dalam borang akan disahkan oleh pegawai luar semasa menjalankan kerja luar dan ia akan disemak selanjutnya di ibu pejabat. Perubahan harga yang ketara akan dirujuk kepada pegawai luar untuk pengesahan. Dalam keadaan tertentu, responden akan dihubungi terus untuk penjelasan.
- 8.3 Data yang diterima akan disemak secara teliti sebelum tangkapan data dijalankan.
- 8.4 Anggota di Jabatan Perangkaan Negeri diberikan latihan sekurang-kurangnya sekali dalam setahun mengenai prosedur, konsep dan definisi serta sebarang perubahan tentang spesifikasi produk dan item yang dipilih.

## **8. Quality Control**

- 8.1 *A series of checks on the prices received are carried out to ensure their reasonableness, consistency and accuracy. The checking procedures include comparisons of prices supplied for the month against those of the previous months of the same respondents as well as with prices reported by other respondents for the same commodity items. Prices that display unusual variations are clarified with respondents to ensure the accuracy.*
- 8.2 *Prices quoted in the forms are verified on the ground by field supervisors and these are subjected to further scrutiny in the headquarters. Significant price changes are referred to the field supervisors for verifications and in certain cases, the respondents are directly contacted for clarifications.*
- 8.3 *The data are subjected to thorough checking before being captured.*
- 8.4 *The staff of the Department of Statistics state office is given training at least once a year regarding procedures, concepts and definitions as well as any changes in the selected items and product specifications.*

## 9. Pengiraan Indeks

### 9.1 Harga Asas

Harga asas bagi setiap item adalah harga purata bagi jenama tertentu bagi tempoh 12 bulan dalam tahun 2010.

### 9.2 Formula Indeks

a) IHPR disusun menggunakan formula *Laspeyres base-weighted*.

## 9. Index Calculation

### 9.1 Base Price

*The base price for each item is the average of the prices for that particular brand for the 12 months of 2010.*

### 9.2 Index Formula

a) *The Laspeyres base-weighted formula is used to compile the PPI.*

$$\frac{\sum_{i=1}^n p_i^t q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \sum_{i=1}^n \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} \times \frac{p_i^t}{p_i^s} = \sum_{i=1}^n w_i^s \times \frac{p_i^t}{p_i^s}$$

Di mana  
Where

$$w_i^s = \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \text{Wajaran nilai relative/Relative value weights}$$

$$p_i^t = \text{Harga tempoh semasa/Current period prices}$$

$$p_i^s = \text{Harga tempoh asas/Base period prices}$$

$$q_i^s = \text{Kuantiti tempoh asas/Base period quantities}$$

$$n = \text{Bilangan item/Number of items}$$

b) Formula yang dipilih mempunyai satu kelebihan di mana ia dapat menentukan apakah harga tertentu atau kumpulan harga yang menyebabkan sesuatu perubahan dalam indeks agregat.

*b) The formula selected has an advantage of determining what specific price or group of prices are responsible for any change in the aggregate index.*

- c) Harga relatif bagi setiap jenis item pada peringkat jenama komoditi merupakan peringkat asas bagi pengiraan indeks di peringkat yang lebih tinggi. Harga relatif dikira sebagai nisbah peratus harga semasa berbanding harga pada tahun asas. Ia dengan membahagikan harga semasa dengan harga tahun asas bagi komoditi yang sama dan didarabkan dengan 100. Purata aritmetik mudah bagi harga relative ini diperoleh untuk membentuk indeks pada peringkat item komoditi.
- d) Pergerakan harga akan diberi wajar bagi mencerminkan kepentingan komoditi tersebut pada tahun asas, di mana tahun asas yang terkini ialah 2010. Purata indeks harga komoditi berwajaran diperoleh untuk dijadikan indeks pada peringkat kumpulan. Indeks bahagian komoditi diperoleh daripada purata indeks komoditi berwajaran yang termasuk dalam bahagian tersebut, manakala indeks seksyen komoditi diperoleh daripada purata aritmetik indeks barangan berwajaran yang termasuk dalam seksyen tersebut.
- e) IHPR bagi pengeluaran tempatan keseluruhan disusun secara berperingkat dari peringkat jenis komoditi (10 digit), kepada item komoditi (5 digit), kelas komoditi (4 digit), kumpulan komoditi (3 digit), bahagian komoditi (2 digit) dan seterusnya kepada peringkat sektor (1 digit).

### 9.3 Wajaran

- a) Wajaran diperoleh daripada Banci Ekonomi 2010 dan sumber data alternatif bagi nilai pengeluaran.
- b) Wajaran item diberikan mengikut perkadaran sumbangan item kepada jumlah nilai output dalam ekonomi. Wajaran pengeluaran tempatan mengikut MSIC dan seksyen komoditi diberikan seperti berikut:-

- c) *The price relative of each item at the commodity brand level provides the basic level for the compilation of higher level indices. Price relatives are calculated as percentage ratios of the current prices to those prevailing in the base period and are obtained by dividing the current prices by the corresponding base year prices and multiplying them by 100. The simple arithmetic averages of these price relatives are obtained to form indices at the commodity item level.*
- d) *The movements in these prices are weighted to reflect the relative importance of the commodities in the base year, which is currently 2010. The weighted average of commodity price indices is obtained to form price indices at the group level. The commodity division index is derived as weighted average of the indices of the commodities included in that division, while the commodity section index is obtained as weighted arithmetic average of the indices of all divisions included under that section.*
- e) *The overall PPI for local production is built up progressively from the commodity variety level (10 digit) to commodity item (5 digit), commodity class (4 digit), commodity group (3 digit), commodity division (2 digit) and commodity sector level (1 digit).*

### 9.3 Weights

- a) *The weights are obtained from the Economic Census 2010 and other alternative sources of data for the value of production.*
- b) *The item weights are assigned in proportion of their contributions to the total value of output in the economy. The weights by MSIC and commodity sections are given as follows:-*

**Wajaran pengeluaran tempatan mengikut MSIC**  
*Weights for local production by MSIC*

<b>Sektor/Sector (2005=100)</b>	<b>Wajaran /Weights</b>		<b>Sektor/ Sector (2010=100)</b>
	<b>2005</b>	<b>2010</b>	
<b>Pertanian/</b> <i>Agriculture</i>	6.60	8.15	<b>Pertanian, Perhutanan &amp; Perikanan/</b> <i>Agriculture, forestry and fishing</i>
<b>Perikanan/</b> <i>Fishing</i>	0.81		
<b>Perlombongan/</b> <i>Mining</i>	9.83	9.67	<b>Perlombongan/</b> <i>Mining</i>
<b>Pembuatan/</b> <i>Manufacturing</i>	80.00	78.79	<b>Pembuatan/</b> <i>Manufacturing</i>
<b>Bekalan elektrik, gas dan air/</b> <i>Electricity, gas and water supply</i>	2.76	3.05	<b>Bekalan elektrik dan gas/</b> <i>Electricity and gas supply</i>
		0.34	<b>Bekalan Air/</b> <i>Water supply</i>
<b>Jumlah/</b> <i>Total</i>	<b>100.00</b>	<b>100.00</b>	<b>Jumlah/</b> <i>Total</i>

**Wajaran IHPR (2010=100) mengikut seksyen komoditi (SITC)**  
*PPI (2010=100) weights by commodity section (SITC)*

<b>Seksyen Komoditi</b>	<b>Pengeluaran Tempatan</b> <i>Local Production</i>	<b>Commodity Section</b>
Makanan	5.71	<i>Food</i>
Minuman dan tembakau	1.36	<i>Beverages and tobacco</i>
Bahan mentah tidak boleh dimakan kecuali bahan api	8.24	<i>Crude materials, inedible except fuels</i>
Bahan api galian, pelincir dll	24.58	<i>Mineral fuels, lubricants etc</i>
Minyak dan lemak binatang dan sayuran	10.29	<i>Animal and vegetable oils and fats</i>
Bahan kimia	8.12	<i>Chemicals</i>
Barang-barang keluaran kilang	11.21	<i>Manufactured goods</i>
Jentera dan kelengkapan pengangkutan	25.04	<i>Machinery and transport equipment</i>
Pelbagai barang keluaran kilang	5.45	<i>Miscellaneous manufactured articles</i>
<b>Jumlah</b>	<b>100.00</b>	<b>Total</b>

c) Polisi Jabatan Perangkaan Malaysia adalah membuat pindaan berkala kepada struktur wajaran IHPR apabila data daripada banci ekonomi diperolehi, pada umumnya dalam tempoh lima tahun sekali.

c) *It is the policy of Department of Statistics Malaysia to revise the PPI weighting structure periodically when data from economic censuses become available, generally at five year intervals.*

#### 9.4 Indeks Terkumpul

#### 9.4 Aggregated Index

Pada peringkat pertama pengagregatan, harga individu digabung dengan mengira purata aritmetik sebut harga di bawah item komoditi tersebut (contohnya, item A), di mana satu harga daripada setiap satu pertubuhan (X, Y, Z) digabung untuk mendapatkan agregat asas bagi item A. Indeks produk yang terperinci diberi wajaran keseluruhannya bagi mendapatkan indeks produk diperingkat yang lebih tinggi menggunakan nilai pengeluaran produk yang terperinci bagi keseluruhan ekonomi. Indeks industri diperolehi dengan memberi wajaran keseluruhan produk indeks yang relevan bagi setiap industri menggunakan nilai output bagi produk yang berbeza dalam industri tersebut.

*At the first stage of elementary aggregation, individual prices are combined by computing their arithmetic average of the quotations under that commodity item (say, item A), where one price from each of several establishments (X, Y, Z) are combined to give an elementary aggregate for item A. The detailed level product indices are weighted together to give higher level product indices using the value of production of the detailed products for the economy as a whole. Industry indices are obtained by weighting together the product indices relevant for each industry using the values of output of the different products for that industry.*

#### 9.5 Perubahan indeks

#### 9.5 Index changes

a) IHPR mengukur perubahan harga dari tempoh rujukan yang ditetapkan iaitu 2010 yang bersamaan dengan 100.0. Misalnya kenaikan 20.0 peratus daripada purata harga 2010 ditunjukkan sebagai 120.0.

a) *The PPI measures price changes from the designated period - 2010 - called the base year which equals 100.0. An increase of 20.0 per cent, for example, from the average of 2010 is shown as 120.0.*

b) Pergerakan IHPR dari satu tempoh ke tempoh yang lain ditunjukkan sebagai perubahan-perubahan peratus dan bukan perubahan mata indeks (*index point*) kerana perubahan mata indeks dipengaruhi oleh paras indeks yang berkaitan dengan tempoh asasnya. Misalan yang berikut menunjukkan cara pengiraan mata indeks dan perubahan peratus.

b) *Movements of the PPI from one period to another are expressed as percentage changes rather than index point changes because index point changes are affected by the level of the index in relation to the base period while percentage changes are not. The following example illustrates the computation of index point and percentage changes.*

Perubahan Mata Indeks	Peratus Perubahan	Index Point Change	Percentage Change
Indeks Harga Pengeluar	126.0	Producer Price Index	126.0
<b>Tolak</b>		<b>Less</b>	
Indeks Sebelum	120.0	Previous Index	120.0
Bersamaan dengan	6.0	Equal to	6.0
	$= \frac{(126.0 - 120.0)}{120.0} \times 100$		$= \frac{(126.0 - 120.0)}{120.0} \times 100$
	= 5.0%		= 5.0%

## 10. Klasifikasi

Pembahagian IHPR mengikut industry bagi pengeluaran tempatan dikelaskan mengikut Klasifikasi Piawai Perindustrian Malaysia (MSIC) 2008 yang berasaskan Klasifikasi Piawai Perindustrian Antarabangsa (ISIC) Pindaan 4 dan Piawai Penjenisan Perdagangan Antarabangsa (SITC) Pindaan 4.

## 11. Penerbitan

IHPR disusun dan diterbitkan setiap bulan mengikut sektor utama MSIC bagi barangan keluaran tempatan. Penerbitan IHPR disiarkan kepada awam pada hari bekerja terakhir setiap bulan mengikut bulan rujukan. Angka utama IHPR juga disiarkan dalam laman web Jabatan (<https://www.dosm.gov.my>) pada hari yang sama ia diterbitkan.

## 12. Pelarasan Bermusim

Data siri masa adalah amat berguna untuk ahli ekonomi, pembuat dasar & keputusan serta penganalisis siri masa untuk mengenal pasti ciri-ciri penting siri ekonomi seperti arah aliran, *turning point* dan konsistensi antara penunjuk ekonomi yang lain. Kadangkala ciri ini sukar untuk diperhatikan kerana pergerakan bermusim. Oleh itu, sekiranya kesan bermusim boleh disingkirkan, arah aliran data siri ini dapat dilihat dengan lebih baik. Anggaran dan penyingkiran kesan bermusim dipanggil **pelarasan bermusim**.

## 10. Classification

*The industry breakdown of the PPI for local production is classified according to the Malaysia Standard Industrial Classification (MSIC) 2008, which generally follows the International Standard Industrial Classification (ISIC) Rev. 4 and Standard International Trade Classification (SITC) Rev. 4.*

## 11. Publication

*The PPI publication is compiled and published each month for the main MSIC sectors for locally produced goods. The PPI monthly publication is released to the general public on the last working day of the month following the reference month. Key PPI figures are also released on the Department's website (<https://www.dosm.gov.my>) on the same day for it published.*

## 12. Seasonal Adjustment

*Time-series data are very useful for economists, policy & decision makers and time-series analysts to identify the important features of economic series such as direction, turning point and consistency between other economic indicators. Sometimes this feature is difficult to observe because of seasonal movements. Thus, if the seasonal effect can be removed, the behaviour of the series would be better viewed. The estimation and removal of the seasonal effects is called **seasonal adjustment**.*

Pelarasan bermusim adalah satu proses untuk mengenal pasti dan menyingkirkan bentuk pola bermusim yang biasa berlaku dalam tempoh satu tahun, yang mungkin juga merangkumi pengaruh dari kesan cuti yang bergerak dan hari bekerja/berdagang bagi suatu tempoh. Objektif utama proses ini adalah untuk menyerlahkan arah aliran dan pergerakan-pergerakan jangka pendek dalam siri ini.

Di Malaysia, kebanyakan data siri masa dipengaruhi oleh kesan bermusim. Oleh itu, untuk menghapus dan melaras kesan bermusim data siri masa ekonomi Malaysia, pakej standard pelarasan bermusim, X-12 ARIMA telah digunakan oleh Jabatan Perangkaan, Malaysia. Data siri masa ekonomi Malaysia juga kerap dipengaruhi oleh perayaan agama utama seperti Aidil Fitri bagi umat Islam, Tahun Baru Cina untuk kaum Cina dan Deepavali untuk kaum India. Tarikh perayaan-perayaan ini tetap mengikut tahun lunar tetapi berbeza-beza mengikut kalendar Gregorian. Oleh itu, untuk menganggar dan menyingkirkan kesan cuti yang bergerak dari data siri masa, satu prosedur telah dibangunkan iaitu Seasonal Adjustment For Malaysia (SEAM).

*Seasonal adjustment is a process to identify and to remove the regular within-a-year seasonal pattern, which may also include the influences of moving holidays and working/trading days effect in each period. The ultimate objective of the process is to highlight the underlying trends and short-term movements in the series.*

*In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, a standard seasonal adjustment package, X-12 ARIMA was used by Department of Statistics, Malaysia. Malaysian economic time series data also often affected by major religious festivals such as Eid-ul Fitr for Muslims, Chinese New Year to the Chinese and the Indian Deepavali. These festivals' dates are fixed according to the lunar year but vary according to the Gregorian calendar. Therefore, to estimate and remove moving holiday effect from time-series data, a procedure was developed, namely Seasonal Adjustment for Malaysia (SEAM).*

### 13. Keperluan Kerahsiaan

Data yang digunakan untuk menyusun IHPR telah dipungut di bawah peruntukan Akta Statistik 1965 (Disemak-1989). Akta tersebut menetapkan bahawa kandungan penyata individu adalah sulit. Oleh yang demikian, angka yang telah diagregat sahaja diterbitkan.

### 14. Pindaan

Pindaan dibuat kepada angka yang telah diterbitkan berdasarkan data terkini yang diperoleh.

### 15. Simbol dan Singkatan

r kemaskini  
 – tanda negatif  
 dll dan lain-lain  
 t.t.t.l tidak terkelas di tempat lain

### 13. Confidentiality Requirements

*The data used for the compilation of PPI have been collected under the provisions of the Statistics Act 1965 (Revised-1989). The Act stipulates that the contents of individual return are confidential. In conformity with the stipulations of this Act, only aggregated figures are published.*

### 14. Revisions

*Revisions will be made to the published figures based on the latest data available.*

### 15. Symbols and Abbreviations

r revised  
 – negative sign  
 dll et cetera  
 t.t.t.l not elsewhere classified

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**JADUAL TARIKH PENGELUARAN INDEKS HARGA PENGELUAR - PENGELUARAN TEMPATAN  
JANUARI – DISEMBER 2017**

*SCHEDULE OF RELEASE DATES FOR PRODUCER PRICE INDEX - LOCAL PRODUCTION  
JANUARY – DECEMBER 2017*

<b>Bulan Rujukan</b> <i>Reference Month</i>	<b>Tarikh</b> <i>Dates</i>
<b>Januari 2017</b> <i>January 2017</i>	<b>28 February 2017</b>
<b>Februari 2017</b> <i>February 2017</i>	<b>31 Mac 2017</b> <i>31 March 2017</i>
<b>Mac 2017</b> <i>March 2017</i>	<b>28 April 2017</b>
<b>April 2017</b>	<b>31 Mei 2017</b> <i>31 May 2017</i>
<b>Mei 2017</b> <i>May 2017</i>	<b>30 Jun 2017</b> <i>30 June 2017</i>
<b>Jun 2017</b> <i>June 2017</i>	<b>31 Julai 2017</b> <i>31 July 2017</i>
<b>Julai 2017</b> <i>July 2017</i>	<b>30 Ogos 2017</b> <i>30 August 2017</i>
<b>Ogos 2017</b> <i>August 2017</i>	<b>29 September 2017</b>
<b>September 2017</b>	<b>31 Oktober 2017</b> <i>31 October 2017</i>
<b>Oktober 2017</b> <i>October 2017</i>	<b>30 November 2017</b>
<b>November 2017</b>	<b>29 Disember 2017</b> <i>29 December 2017</i>
<b>Disember 2017</b> <i>December 2017</i>	<b>30 Januari 2018</b> <i>30 January 2018</i>

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**HARGA** : **RM 15.00**  
*PRICE*

**BOLEH DIPEROLEH DARI:**  
*OBTAINABLE FROM:*

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