

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	TOTAL MANUFACTURING		FOOD MANUFACTURING	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>125.5</b>	<b>2.5</b>	<b>118.5</b>	<b>-14.1</b>
Jan	107.1	2.6	113.9	-16.6
Feb	104.9	-2.1	111.9	-19.8
Mar	119.7	14.9	131.2	-7.8
Apr	116.3	1.8	115.2	-14.4
May	122.8	-1.1	116.3	-17.4
Jun	123.5	-1.7	113.3	-16.2
Jul	124.5	0.1	103.8	-19.9
Aug	125.3	2.2	107.1	-14.5
Sep	133.3	3.0	112.9	-18.2
Oct	141.7	1.5	131.1	-14.7
Nov	143.8	4.4	132.3	-10.6
Dec	143.3	5.0	133.5	0.9
<b>2016</b>				
Jan	145.4	35.8	134.0	17.6
Feb	117.0	11.6	140.7	25.8
Mar	129.6 <sup>r</sup>	8.2	148.7 <sup>r</sup>	13.3
Apr	128.8	10.8	141.6 <sup>r</sup>	22.9
May	131.1 <sup>r</sup>	6.7	133.3 <sup>r</sup>	14.7
Jun	136.2 <sup>r</sup>	10.3	116.8 <sup>r</sup>	3.1
Jul	138.7 <sup>r</sup>	11.4	121.7 <sup>r</sup>	17.3
Aug	142.1 <sup>r</sup>	13.4	120.2 <sup>r</sup>	12.2
Sep	<b>146.5</b>	<b>9.9</b>	122.4	8.3

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	BEVERAGES		TOBACCO PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>125.9</b>	<b>-4.6</b>	<b>6.9</b>	<b>30.5</b>
Jan	119.5	11.8	4.8	23.3
Feb	126.4	6.3	5.1	52.3
Mar	136.6	3.8	3.8	35.2
Apr	119.9	-7.5	5.7	43.4
May	129.4	-6.8	6.3	20.3
Jun	127.2	-6.0	6.8	12.2
Jul	114.1	-13.7	7.3	11.4
Aug	121.0	-7.5	7.8	26.1
Sep	129.1	-3.7	9.3	35.0
Oct	120.8	-22.7	10.3	129.1
Nov	126.4	-9.4	8.3	32.8
Dec	140.2	9.1	7.9	-3.3
<b>2016</b>				
Jan	130.1	8.9	5.2	8.1
Feb	118.2	-6.4	5.4	6.9
Mar	135.8	-0.6	6.9	80.4
Apr	132.9	10.8	5.8	2.5
May	136.0	5.0	6.6	4.7
Jun	151.3	18.9	8.7	27.1
Jul	131.7	15.5	8.7	19.6
Aug	133.6	10.4	8.7	11.9
Sep	132.9	3.0	8.1	-13.0

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	TEXTILES		FOOTWEAR AND WEARING APPAREL	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>40.9</b>	<b>9.2</b>	<b>27.4</b>	<b>-4.2</b>
Jan	41.1	11.4	20.5	-24.3
Feb	45.9	27.3	24.0	-20.0
Mar	47.1	24.3	27.2	-17.9
Apr	43.5	19.7	28.0	0.8
May	44.3	15.5	26.0	-18.3
Jun	43.4	14.8	28.8	1.2
Jul	41.8	14.8	31.1	19.6
Aug	39.6	8.8	25.3	-9.0
Sep	41.3	8.9	27.9	15.2
Oct	35.6	-7.4	29.4	5.3
Nov	33.2	-13.5	26.5	5.1
Dec	33.4	-11.8	34.2	0.6
<b>2016</b>				
Jan	33.6	-18.4	20.6	0.4
Feb	33.9	-26.1	22.9	-4.4
Mar	40.8	-13.3	24.5	-9.8
Apr	34.1	-21.8	27.7	-1.1
May	37.2	-15.9	25.8	-0.6
Jun	36.8	-15.2	27.0 <sup>r</sup>	-6.1
Jul	37.2	-10.8	29.7 <sup>r</sup>	-4.7
Aug	36.2 <sup>r</sup>	-8.7	27.6 <sup>r</sup>	8.9
Sep	44.1	6.7	26.5	-5.0

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	LEATHER PRODUCTS		WOOD AND WOOD PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>4.5</b>	<b>6.5</b>	<b>60.2</b>	<b>-12.9</b>
Jan	3.9	-2.0	64.0	-15.6
Feb	4.1	3.4	67.5	10.0
Mar	4.5	11.3	54.2	-11.0
Apr	4.2	13.7	58.0	0.6
May	4.2	9.5	57.4	-18.2
Jun	4.7	11.0	58.3	-9.8
Jul	4.5	2.3	55.3	-24.6
Aug	4.3	-3.2	57.0	-14.3
Sep	4.5	-1.6	62.2	-15.3
Oct	4.9	3.3	63.4	-16.4
Nov	5.1	15.0	64.7	-27.6
Dec	4.7	17.6	60.4	0.3
<b>2016</b>				
Jan	0.7	-81.5	51.8	-19.0
Feb	0.7	-81.8	54.7	-19.0
Mar	0.8	-83.2	67.0	23.6
Apr	0.7 <sup>r</sup>	-82.2	61.2	5.7
May	0.7 <sup>r</sup>	-82.7	63.0	9.7
Jun	0.7	-84.9	65.3	12.1
Jul	0.7 <sup>r</sup>	-84.6	66.2	19.6
Aug	0.7 <sup>r</sup>	-84.3	63.5 <sup>r</sup>	11.6
Sep	0.6	-87.5	71.4	14.8

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	PAPER AND PAPER PRODUCTS		PRINTING	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>74.9</b>	<b>8.8</b>	<b>143.4</b>	<b>2.4</b>
Jan	83.4	24.8	174.2	206.1
Feb	78.3	26.3	134.3	66.7
Mar	72.4	5.4	135.9	36.3
Apr	72.9	11.9	112.7	27.5
May	77.5	15.0	149.8	10.6
Jun	71.8	2.9	128.4	-4.9
Jul	75.2	8.6	138.9	3.5
Aug	70.4	-1.5	131.8	-10.9
Sep	73.2	0.1	126.2	-24.3
Oct	76.6	0.5	182.4	-4.8
Nov	74.4	-2.3	174.0	-19.8
Dec	72.8	21.0	131.7	-41.9
<b>2016</b>				
Jan	71.8	-13.9	172.3	-1.1
Feb	74.0	-5.6	184.5	37.4
Mar	78.0	7.8	134.2	-1.2
Apr	81.2	11.4	124.7	10.6
May	78.7	1.6	124.8 <sup>r</sup>	-16.7
Jun	69.9	-2.7	160.3 <sup>r</sup>	24.8
Jul	73.7	-2.1	151.2 <sup>r</sup>	8.9
Aug	72.5 <sup>r</sup>	3.0	132.8 <sup>r</sup>	0.7
Sep	72.0	-1.7	145.7	15.5

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	PETROLEUM PRODUCTS		CHEMICAL PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>46.8</b>	<b>-6.6</b>	<b>291.7</b>	<b>8.7</b>
Jan	55.5	-4.1	114.3	-2.0
Feb	39.9	-4.1	120.7	-29.7
Mar	49.6	102.8	188.2	33.2
Apr	48.9	-14.7	209.3	12.9
May	53.8	-7.6	245.2	11.1
Jun	48.6	-15.2	288.8	14.9
Jul	57.3	15.8	301.3	9.1
Aug	51.3	-6.0	325.1	18.0
Sep	48.0	-4.9	359.3	7.8
Oct	40.4	-21.7	417.7	8.4
Nov	32.5	-25.9	450.9	6.3
Dec	36.3	-34.2	479.3	9.1
<b>2016</b>				
Jan	39.6	-28.6	471.1	312.1
Feb	37.7	-5.5	124.2	2.9
Mar	36.9	-25.6	190.9 <sup>r</sup>	1.4
Apr	32.3	-33.9	220.5 <sup>r</sup>	5.4
May	39.2	-27.1	253.9 <sup>r</sup>	3.5
Jun	47.4	-2.4	300.2 <sup>r</sup>	4.0
Jul	53.5	-6.6	322.2 <sup>r</sup>	6.9
Aug	52.5	2.3	356.0 <sup>r</sup>	9.5
Sep	58.4	21.6	395.0	9.9

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	RUBBER AND PLASTIC PRODUCTS		RUBBER PRODUCTS <sup>f/</sup>	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>100.0</b>	<b>-1.8</b>	<b>276.1</b>	<b>-0.1</b>
Jan	96.5	-0.8	269.4	6.7
Feb	84.4	-32.0	285.7	12.0
Mar	90.9	-2.1	287.9	13.8
Apr	98.2	7.1	258.1	5.7
May	97.1	-2.0	258.0	-6.2
Jun	98.9	-0.2	263.5	-3.0
Jul	106.4	5.5	296.8	-1.4
Aug	99.3	-2.5	258.3	-6.3
Sep	105.3	-1.7	297.0	-1.0
Oct	111.1	4.1	300.7	0.3
Nov	108.8	3.7	289.6	-3.9
Dec	103.5	6.4	248.7	-13.7
<b>2016</b>				
Jan	117.7	22.0	279.1	3.6
Feb	119.2	41.2	271.6	-5.0
Mar	129.4	42.4	260.3	-9.6
Apr	133.2	35.6	259.8	0.7
May	133.1	37.1	261.9	1.5
Jun	135.2	36.7	274.2	4.1
Jul	135.8	27.6	284.0	-4.3
Aug	143.3 <sup>r</sup>	44.2	294.9 <sup>r</sup>	14.2
Sep	137.4	30.5	287.0	-3.4

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f/ - Subsector of Rubber and Plastic Products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	PLASTIC PRODUCTS <sup>f/</sup>		NON-METALLIC MINERAL PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>70.7</b>	<b>7.1</b>	<b>138.0</b>	<b>9.9</b>
Jan	65.4	2.7	141.6	24.9
Feb	67.1	-24.3	110.4	-7.8
Mar	73.9	24.1	110.3	-16.4
Apr	68.6	15.1	140.5	11.4
May	67.5	6.6	149.4	15.3
Jun	68.7	7.9	148.8	23.8
Jul	71.9	15.6	145.2	21.1
Aug	69.3	5.0	138.8	10.4
Sep	70.7	3.7	139.5	4.1
Oct	76.0	12.0	142.1	7.0
Nov	75.0	13.7	141.2	10.2
Dec	74.2	16.4	147.8	18.6
<b>2016</b>				
Jan	85.4	30.6	125.4	-11.5
Feb	87.7	30.8	130.6	18.3
Mar	99.2	34.2	137.2 <sup>r</sup>	24.4
Apr	102.6	49.6	138.8	-1.2
May	102.5	51.9	141.8 <sup>r</sup>	-5.1
Jun	103.2	50.2	142.7 <sup>r</sup>	-4.1
Jul	102.7	42.8	138.7 <sup>r</sup>	-4.5
Aug	108.9 <sup>r</sup>	57.1	138.9 <sup>r</sup>	0.1
Sep	104.0	47.0	137.7	-1.3

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f/ - Subsector of Rubber and Plastic Products



**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	GLASS AND GLASS PRODUCTS <sup>g/</sup>		CEMENT <sup>g/</sup>	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>135.5</b>	<b>-3.6</b>	<b>182.4</b>	<b>15.0</b>
Jan	129.6	-15.4	179.2	27.6
Feb	130.0	-18.1	188.9	26.2
Mar	140.4	-12.1	185.9	11.3
Apr	134.8	-14.5	180.3	13.4
May	139.1	-3.5	188.9	12.4
Jun	142.1	13.8	188.3	19.2
Jul	147.3	24.8	181.2	14.7
Aug	136.5	11.2	174.8	8.1
Sep	134.1	11.7	175.8	2.0
Oct	133.7	-1.5	179.0	7.1
Nov	126.6	-12.8	179.1	13.9
Dec	132.4	-10.0	188.0	29.5
<b>2016</b>				
Jan	119.3	-8.0	150.7	-15.9
Feb	118.1	-9.2	161.5	-14.5
Mar	122.6	-12.7	170.9	-8.1
Apr	124.7	-7.5	175.8	-2.5
May	104.8	-24.7	187.3	-0.8
Jun	131.3	-7.7	183.9	-2.3
Jul	104.5	-29.1	184.1	1.6
Aug	111.9	-18.0	181.3	3.8
Sep	129.8	-3.2	176.1	0.1

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g/ - Subsector of Non-Metallic Mineral Products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	MISCELLANEOUS NON-METALLIC MINERAL <sup>g/</sup>		BASIC METALS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>45.3</b>	<b>-3.7</b>	<b>131.9</b>	<b>6.6</b>
Jan	45.1	14.1	148.7	58.5
Feb	42.9	6.2	135.2	47.9
Mar	44.8	-6.0	146.2	81.7
Apr	40.5	-8.7	143.2	19.1
May	49.9	12.6	127.1	-17.1
Jun	47.6	17.1	101.9	-32.0
Jul	47.1	14.1	102.3	-29.4
Aug	44.3	-8.1	117.9	-20.7
Sep	44.5	-21.1	120.9	-7.1
Oct	45.8	-18.7	146.8	14.8
Nov	45.3	-19.3	155.9	32.5
Dec	45.7	-7.3	136.8	7.6
<b>2016</b>				
Jan	40.7	-9.7	113.0	-24.0
Feb	43.6	1.7	132.6	-1.9
Mar	47.1	5.2	169.4 <sup>r</sup>	15.9
Apr	47.3 <sup>r</sup>	16.7	174.5 <sup>r</sup>	21.8
May	48.4	-2.9	179.9 <sup>r</sup>	41.5
Jun	49.2	3.4	173.7 <sup>r</sup>	70.4
Jul	45.0	-4.5	167.8 <sup>r</sup>	64.1
Aug	49.5 <sup>r</sup>	11.8	166.8 <sup>r</sup>	41.4
Sep	51.8	16.2	170.5	41.0

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<sup>g/</sup> - Subsector of Non-Metallic Mineral Products

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	IRON AND STEEL <sup>h/</sup>		NON-FERROUS METALS <sup>h/</sup>	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>120.1</b>	<b>11.6</b>	<b>156.9</b>	<b>-3.8</b>
Jan	123.8	11.2	208.0	298.8
Feb	121.1	15.0	167.5	163.4
Mar	130.9	33.6	182.1	327.4
Apr	123.0	12.7	190.8	29.5
May	124.9	9.2	133.4	-45.9
Jun	120.4	2.6	56.6	-75.1
Jul	121.7	14.3	42.9	-81.9
Aug	129.9	13.3	74.8	-67.5
Sep	105.9	-2.6	153.1	-15.9
Oct	108.5	-7.6	238.7	58.5
Nov	113.6	18.9	257.8	52.3
Dec	117.7	26.5	177.7	-15.1
<b>2016</b>				
Jan	114.4	-7.6	101.0	-51.4
Feb	113.9	-5.9	173.6	3.7
Mar	116.5 <sup>r</sup>	-11.0	299.0	64.2
Apr	123.3 <sup>r</sup>	0.2	298.8	56.6
May	131.4 <sup>r</sup>	5.2	296.1	122.0
Jun	133.8 <sup>r</sup>	11.1	267.5	372.4
Jul	129.6 <sup>r</sup>	6.5	258.0	501.9
Aug	123.5 <sup>r</sup>	-4.9	269.5 <sup>r</sup>	260.1
Sep	121.3	14.6	289.4	89.0

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<sup>h/</sup> - Subsector of Basic Metals

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
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(2000=100)**

Year/Month	FABRICATED METAL PRODUCTS		MACHINERY EXCEPT ELECTRICAL	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>283.1</b>	<b>0.0</b>	<b>45.0</b>	<b>0.5</b>
Jan	259.3	-7.5	40.6	2.5
Feb	218.2	-2.8	43.2	-0.4
Mar	260.9	-3.4	46.5	-17.1
Apr	275.6	-7.1	41.4	-2.3
May	290.3	13.1	41.4	-9.6
Jun	313.0	12.3	44.1	-3.4
Jul	316.3	6.7	43.2	-7.9
Aug	300.0	9.6	43.4	1.4
Sep	392.1	7.7	46.5	9.0
Oct	286.7	-6.1	45.4	-2.6
Nov	275.1	0.3	58.9	30.7
Dec	209.2	-24.0	45.1	12.1
<b>2016</b>				
Jan	228.9	-11.8	46.2	13.6
Feb	285.0	30.6	52.9	22.3
Mar	248.3	-4.8	60.2	29.3
Apr	237.4	-13.8	60.1	45.4
May	222.3	-23.4	61.9	49.5
Jun	214.6	-31.5	72.1 <sup>r</sup>	63.5
Jul	206.6	-34.7	56.6 <sup>r</sup>	31.0
Aug	251.1 <sup>r</sup>	-16.3	62.9 <sup>r</sup>	45.0
Sep	204.3	-47.9	62.8	35.0

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	ELECTRICAL MACHINERY		TRANSPORT EQUIPMENT	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>101.0</b>	<b>13.5</b>	<b>124.9</b>	<b>5.0</b>
Jan	90.7	11.3	128.6	18.4
Feb	88.5	7.3	125.0	0.9
Mar	98.0	9.1	128.0	3.3
Apr	100.5	14.7	111.4	-3.7
May	99.1	5.3	121.0	8.2
Jun	101.8	9.3	123.7	11.4
Jul	106.2	14.5	117.4	0.6
Aug	104.0	17.4	120.7	-2.3
Sep	111.5	24.8	129.1	7.9
Oct	106.2	15.7	134.8	6.3
Nov	104.8	19.7	133.4	-0.5
Dec	101.1	12.8	125.7	12.0
<b>2016</b>				
Jan	109.4	20.6	126.6	-1.6
Feb	102.5	15.9	134.9	8.0
Mar	111.9	14.1	119.0	-7.0
Apr	103.9 <sup>r</sup>	3.3	140.4	26.0
May	93.9	-5.2	145.5	20.2
Jun	92.7	-8.9	173.2 <sup>r</sup>	40.0
Jul	98.7 <sup>r</sup>	-7.1	160.2 <sup>r</sup>	36.5
Aug	99.8 <sup>r</sup>	-4.0	158.5 <sup>r</sup>	31.4
Sep	100.8	-9.6	158.0	22.3

**TABLE 2 Volume of Production Index (VoPI), Year-on-Year Growth Rates  
for Manufacturing Sector: January 2015 - September 2016  
(2000=100)**

Year/Month	FURNITURE AND FIXTURES		MISCELLANEOUS MANUFACTURES	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
<b>2015</b>	<b>809.4</b>	<b>-1.2</b>	<b>108.9</b>	<b>6.7</b>
Jan	1093.1	19.1	98.9	-2.2
Feb	643.2	-24.0	100.8	-7.6
Mar	850.5	13.4	113.0	-1.4
Apr	923.8	27.2	79.6	-15.9
May	768.7	4.7	116.5	4.5
Jun	764.0	-15.3	118.3	23.8
Jul	768.3	-11.2	119.7	18.4
Aug	657.9	-11.2	116.3	20.2
Sep	782.7	3.5	114.0	9.9
Oct	868.8	5.9	117.3	9.6
Nov	741.7	-17.5	113.5	10.5
Dec	849.9	-2.9	98.5	14.3
<b>2016</b>				
Jan	794.4	-27.3	94.9	-4.0
Feb	668.5	3.9	102.8	1.9
Mar	959.1	12.8	102.2	-9.6
Apr	570.1	-38.3	116.1	45.9
May	664.4 <sup>r</sup>	-13.6	119.1	2.2
Jun	796.4 <sup>r</sup>	4.2	111.6 <sup>r</sup>	-5.6
Jul	670.1 <sup>r</sup>	-12.8	104.2 <sup>r</sup>	-12.9
Aug	724.8 <sup>r</sup>	10.2	103.3 <sup>r</sup>	-11.2
Sep	626.0	-20.0	101.6	-10.9

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r - revised due to updating of data from late responding establishments.