

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	TOTAL MANUFACTURING		FOOD MANUFACTURING	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	176.6	-4.4	224.6	-13.8
Jan	156.5	-1.1	217.3	-14.1
Feb	150.9	-7.6	212.2	-18.7
Mar	172.9	8.6	248.5	-7.1
Apr	162.9	-6.4	218.4	-13.5
May	172.2	-8.0	220.0	-17.3
Jun	173.4	-7.9	215.3	-16.2
Jul	173.3	-6.6	197.1	-19.7
Aug	174.4	-5.8	202.6	-14.8
Sep	186.2	-5.4	212.8	-18.3
Oct	197.1	-6.2	247.0	-14.9
Nov	200.6	-2.2	250.9	-10.0
Dec	199.4	-2.7	253.4	-0.6
2016				
Jan	197.0	25.9	253.9	16.8
Feb	159.0	5.4	267.8	26.2
Mar	174.2 ^r	0.8	282.9	13.8
Apr	173.9	6.8	271.2	24.2
May	176.5	2.5	256.0	16.4
Jun	183.8 ^r	6.0	224.6 ^r	4.3
Jul	184.8 ^r	6.6	233.9 ^r	18.7
Aug	189.1	8.4	229.6	13.3

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	PROCESSED MEAT AND FISH ^{a/}		PROCESSED FRUITS AND VEGETABLES ^{a/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	153.5	-6.0	367.6	20.2
Jan	133.0	-10.0	382.4	87.1
Feb	149.7	5.1	318.2	43.5
Mar	153.0	-6.6	358.8	42.0
Apr	150.8	-6.3	371.9	55.1
May	155.4	-11.0	371.5	20.8
Jun	159.9	-3.1	348.8	-0.3
Jul	160.6	-11.1	366.5	13.8
Aug	147.7	-11.9	354.1	13.3
Sep	164.7	7.5	370.7	-18.6
Oct	156.7	-8.4	392.0	-14.5
Nov	157.4	-10.3	406.2	40.6
Dec	153.1	-2.2	370.4	45.1
2016				
Jan	134.5	1.2	354.0	-7.4
Feb	145.8	-2.6	370.9	16.6
Mar	155.1	1.4	413.9	15.3
Apr	151.9	0.7	406.8	9.4
May	156.6	0.8	377.0	1.5
Jun	157.5	-1.5	348.8	0.0
Jul	165.1 ^r	2.8	345.9 ^r	-5.6
Aug	174.4	18.1	346.7	-2.1

a/ - Subsector of Food Manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	VEG/ANIMAL OILS AND FATS ^{a/}		MILK AND DAIRY PRODUCTS ^{a/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	61.1	-25.3	350.0	-10.7
Jan	76.2	7.0	320.4	-7.2
Feb	62.9	-26.6	330.6	-14.8
Mar	67.2	-17.3	407.8	-9.5
Apr	52.1	-41.8	317.5	-13.1
May	63.9	-25.0	367.2	-6.5
Jun	60.5	-36.3	348.7	-12.2
Jul	54.1	-33.5	369.9	-3.4
Aug	63.0	-15.8	371.8	-5.1
Sep	64.0	-23.8	363.0	-3.6
Oct	68.5	-31.6	373.5	-9.9
Nov	53.7	-20.5	316.0	-21.7
Dec	47.2	-27.8	313.8	-20.6
2016				
Jan	59.7	-21.7	333.9	4.2
Feb	80.7	28.4	316.8	-4.2
Mar	63.7	-5.2	362.0	-11.2
Apr	46.0	-11.8	364.7	14.9
May	67.8	6.0	374.9	2.1
Jun	54.6	-9.8	383.2 ^r	9.9
Jul	95.9 ^r	77.4	340.3 ^r	-8.0
Aug	98.2	55.9	350.0	-5.9

a/ - Subsector of Food Manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	GRAIN MILL PRODUCTS ^{a/}		ANIMAL FEEDS ^{a/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	191.6	-2.9	291.9	16.0
Jan	196.6	-13.1	286.3	113.4
Feb	186.6	2.8	260.8	25.0
Mar	209.3	14.6	297.4	26.4
Apr	188.2	8.7	264.5	13.1
May	191.3	-1.3	292.5	22.6
Jun	191.3	7.3	313.5	32.4
Jul	200.6	4.5	327.8	28.0
Aug	183.1	-11.8	309.0	23.2
Sep	181.8	-12.4	301.6	20.8
Oct	201.5	-4.4	300.9	0.2
Nov	189.9	-8.2	271.1	-32.5
Dec	179.2	-13.4	277.8	1.7
2016				
Jan	211.6	7.6	326.0	13.9
Feb	208.3	11.6	307.1	17.8
Mar	231.5	10.6	313.6	5.4
Apr	243.0	29.2	345.4	30.6
May	240.7	25.8	319.0 ^r	9.1
Jun	247.2 ^r	29.2	338.7 ^r	8.0
Jul	237.8 ^r	18.5	320.7 ^r	-2.2
Aug	252.7	38.0	293.0	-5.2

a/ - Subsector of Food Manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	BAKERY PRODUCTS ^{a/}		MILLED AND REFINED SUGAR ^{a/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	346.9	-15.4	355.9	30.6
Jan	354.3	-14.2	320.1	-30.5
Feb	309.0	-25.4	351.8	-26.2
Mar	351.6	-16.9	463.8	26.5
Apr	295.4	-24.7	404.4	16.6
May	442.6	1.1	208.2	-31.8
Jun	338.4	-15.0	258.1	19.2
Jul	342.9	-17.4	26.6	-70.1
Aug	340.4	-18.8	141.1	93.0
Sep	355.0	-11.8	212.0	29.8
Oct	340.2	-18.0	503.8	101.7
Nov	353.7	-14.7	634.7	136.4
Dec	338.7	-10.3	746.3	194.4
2016				
Jan	281.8	-20.5	760.8	137.7
Feb	284.9	-7.8	851.7	142.1
Mar	273.4	-22.2	885.0	90.8
Apr	311.6	5.5	766.2	89.4
May	331.8	-25.0	593.0 ^r	184.8
Jun	319.9	-5.4	317.1 ^r	22.9
Jul	332.0 ^r	-3.2	384.4 ^r	1343.6
Aug	339.4	-0.3	313.4	122.2

a/ - Subsector of Food Manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	COCONUT PRODUCTS ^{a/}		MISCELLANEOUS FOODS ^{a/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	528.0	2.8	104.3	-65.9
Jan	533.4	51.4	103.9	-65.5
Feb	496.3	8.8	105.2	-62.3
Mar	714.0	36.7	113.1	-59.5
Apr	575.6	16.3	98.2	-66.5
May	514.0	0.3	108.5	-63.7
Jun	566.9	5.7	107.0	-63.4
Jul	587.4	12.1	103.8	-66.0
Aug	510.9	-4.8	97.7	-65.4
Sep	465.0	-6.7	96.0	-68.8
Oct	437.1	-26.9	109.4	-67.9
Nov	463.0	-17.0	110.1	-69.6
Dec	471.8	-17.5	98.4	-69.9
2016				
Jan	470.3	-11.8	91.9	-11.5
Feb	549.6	10.7	97.2	-7.7
Mar	574.1	-19.6	102.0	-9.8
Apr	606.5	5.4	93.8	-4.5
May	535.5	4.2	97.3 ^r	-10.3
Jun	470.5	-17.0	94.4 ^r	-11.8
Jul	542.8	-7.6	104.4 ^r	0.5
Aug	560.0	9.6	100.1	2.4

a/ - Subsector of Food Manufacturing

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	BEVERAGES		TOBACCO PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	234.8	3.3	13.6	32.0
Jan	222.8	21.7	9.4	31.0
Feb	235.7	15.8	10.0	57.0
Mar	254.8	13.0	7.5	39.4
Apr	223.6	0.7	11.1	47.8
May	241.4	1.5	12.4	24.0
Jun	237.2	2.3	13.4	13.2
Jul	212.7	-6.0	14.3	12.5
Aug	225.6	0.7	15.2	27.3
Sep	240.7	4.8	18.2	36.3
Oct	225.2	-16.6	20.2	131.3
Nov	235.8	-2.2	16.2	34.0
Dec	261.6	12.2	15.5	-6.7
2016				
Jan	249.2	11.9	10.2	8.3
Feb	226.6	-3.9	10.6	6.9
Mar	260.1	2.1	13.6	80.4
Apr	258.4	15.6	11.4	2.9
May	264.4	9.6	13.0	5.1
Jun	300.8	26.8	17.0	27.6
Jul	248.4	16.8	17.2	19.8
Aug	273.6	21.3	17.0	12.1

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
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(2000=100)**

Year/Month	TEXTILES		TEXTILE PRODUCTS ^{b/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	73.3	10.8	66.2	10.3
Jan	74.0	13.2	65.0	9.2
Feb	81.9	28.4	73.1	23.8
Mar	84.2	25.6	76.8	25.7
Apr	77.5	20.2	70.0	18.8
May	79.0	16.2	72.6	16.2
Jun	77.8	16.1	70.9	15.0
Jul	75.2	16.1	68.2	16.3
Aug	72.0	11.5	64.9	10.6
Sep	74.5	10.6	67.7	12.2
Oct	64.3	-5.9	57.3	-4.9
Nov	59.7	-12.4	53.5	-11.2
Dec	60.0	-8.8	54.5	-8.2
2016				
Jan	60.3	-18.5	55.0	-15.4
Feb	60.9	-25.7	55.6	-23.9
Mar	73.6	-12.6	68.4	-10.9
Apr	61.4	-20.8	56.6	-19.1
May	67.1	-15.0	60.0	-17.3
Jun	66.4	-14.6	60.5	-14.7
Jul	67.2	-10.7	60.2	-11.7
Aug	66.8	-7.2	60.4	-7.0

b/ - Subsector of Textiles

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	CORDAGE, ROPE AND TWINE ^{b/}		FOOTWEAR AND WEARING APPAREL	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	192.6	13.4	93.8	-7.0
Jan	224.2	38.0	73.5	-26.1
Feb	228.5	59.4	83.8	-21.3
Mar	208.5	25.5	93.5	-20.7
Apr	203.1	28.9	96.9	-2.6
May	185.5	16.2	89.7	-20.8
Jun	192.0	23.8	96.5	-3.7
Jul	192.0	15.2	105.8	15.3
Aug	190.5	16.5	86.6	-10.5
Sep	188.0	2.1	95.4	11.4
Oct	182.5	-10.9	99.1	3.2
Nov	163.2	-18.9	88.9	2.4
Dec	152.8	-12.0	115.3	-0.8
2016				
Jan	149.6	-33.3	70.4	-4.1
Feb	148.1	-35.2	76.1	-9.2
Mar	160.0	-23.3	80.5	-14.0
Apr	141.6	-30.3	89.8	-7.4
May	185.8	0.1	83.8	-6.6
Jun	164.6	-14.3	87.8	-9.0
Jul	183.2	-4.6	97.1 ^r	-8.2
Aug	174.3	-8.5	91.1	5.1

b/ - Subsector of Textiles

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	LEATHER PRODUCTS		WOOD AND WOOD PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	6.6	7.1	55.2	-29.1
Jan	5.7	-2.2	66.5	-20.9
Feb	6.1	3.3	65.3	-5.5
Mar	6.7	11.4	51.4	-25.2
Apr	6.2	13.6	53.7	-17.3
May	6.3	9.8	51.1	-36.4
Jun	6.9	11.6	52.3	-28.5
Jul	6.8	3.0	49.7	-40.1
Aug	6.5	-2.0	52.1	-30.6
Sep	6.7	-0.5	56.6	-31.2
Oct	7.3	4.2	54.7	-35.5
Nov	7.6	16.4	55.4	-43.9
Dec	7.1	19.1	53.4	-22.9
2016				
Jan	1.1	-81.2	46.0	-30.8
Feb	1.1	-81.2	48.7	-25.4
Mar	1.1	-82.9	59.5	15.9
Apr	1.1	-82.2	53.9	0.4
May	1.1	-83.2	55.5	8.7
Jun	1.0	-85.1	58.1	11.0
Jul	0.9	-87.2	58.8	18.4
Aug	0.9	-86.9	57.5	10.3

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
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(2000=100)**

Year/Month	PLANING AND SAWMILL ^{c/}		VENEER AND PLYWOOD ^{c/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	74.1	-47.7	19.1	-22.9
Jan	108.7	-34.5	18.3	-30.7
Feb	126.2	3.5	15.5	-39.1
Mar	70.8	-42.8	17.2	-40.8
Apr	73.0	-46.3	20.0	-21.6
May	63.5	-55.4	17.8	-32.2
Jun	59.0	-52.9	19.8	-31.1
Jul	63.5	-50.0	18.3	-38.0
Aug	65.1	-50.6	18.5	-21.7
Sep	72.3	-51.4	20.9	-15.1
Oct	60.2	-66.3	21.1	8.9
Nov	69.8	-60.0	21.4	7.8
Dec	56.6	-54.0	19.9	8.8
2016				
Jan	71.3	-34.4	18.8	2.9
Feb	63.9	-49.3	19.5	25.6
Mar	79.2	11.7	20.4	18.9
Apr	64.1	-12.2	19.2	-4.0
May	66.7	5.0	19.4	8.9
Jun	60.1	2.0	18.9	-4.4
Jul	60.8	-4.2	17.2	-5.9
Aug	60.8	-6.6	18.7	1.3

c/ - Subsector of Wood and Wood Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	OTHER WOOD PRODUCTS ^{c/}		PAPER AND PAPER PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	85.4	6.7	92.1	11.2
Jan	87.1	20.9	101.0	27.5
Feb	66.2	-6.1	95.0	26.2
Mar	78.0	27.0	88.9	6.4
Apr	79.9	105.9	89.3	13.0
May	84.7	-1.7	94.5	15.4
Jun	91.6	19.4	87.6	6.1
Jul	78.9	-27.4	92.9	11.8
Aug	85.5	2.6	87.3	2.1
Sep	90.0	2.1	91.4	4.6
Oct	96.8	38.5	94.8	4.3
Nov	87.9	-29.7	92.5	2.0
Dec	98.1	22.7	89.9	19.6
2016				
Jan	55.9	-35.8	89.2	-11.7
Feb	73.2	10.6	91.8	-3.4
Mar	93.0	19.2	96.4	8.5
Apr	92.3	15.5	100.3	12.4
May	94.7	11.8	96.5	2.1
Jun	112.2	22.5	85.8 ^r	-2.1
Jul	116.7	47.9	90.2 ^r	-2.9
Aug	109.6	28.2	89.7	2.7

c/ - Subsector of Wood and Wood Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	PRINTING		PETROLEUM PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	446.7	0.8	128.1	-25.8
Jan	551.7	206.1	135.8	-35.4
Feb	417.0	63.5	104.6	-30.7
Mar	422.2	33.7	138.7	60.3
Apr	351.2	25.5	134.0	-34.5
May	464.1	8.2	157.8	-23.0
Jun	399.1	-6.7	140.9	-30.1
Jul	432.2	1.7	159.5	-11.0
Aug	410.4	-12.4	138.8	-28.0
Sep	392.8	-25.6	132.7	-24.8
Oct	567.8	-6.4	110.7	-35.1
Nov	541.6	-21.1	90.2	-34.5
Dec	410.2	-42.8	93.7	-40.6
2016				
Jan	532.6	-3.5	90.2	-33.6
Feb	570.3	36.8	83.7	-20.0
Mar	414.4	-1.8	87.4	-37.0
Apr	385.2	9.7	78.0	-41.8
May	391.8	-15.6	99.9	-36.7
Jun	505.0 ^r	26.5	120.1	-14.8
Jul	481.2 ^r	11.4	132.1	-17.2
Aug	417.9	1.8	129.4	-6.8

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
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(2000=100)**

Year/Month	REFINED PETROLEUM PRODUCTS ^{d/}		COKE AND OTHER FUEL PRODUCTS ^{d/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	128.0	-26.1	142.2	59.0
Jan	135.6	-35.7	159.8	71.0
Feb	104.5	-31.0	125.1	115.0
Mar	138.7	60.2	146.8	81.3
Apr	134.2	-34.7	104.0	50.8
May	158.2	-23.1	90.9	11.7
Jun	141.1	-30.2	98.8	30.9
Jul	159.8	-11.1	113.1	23.4
Aug	138.8	-28.3	128.7	93.6
Sep	132.6	-24.9	141.1	-2.8
Oct	110.2	-35.5	185.8	61.6
Nov	89.5	-35.1	210.9	104.5
Dec	93.1	-41.2	200.9	115.2
2016				
Jan	89.9	-33.7	130.4	-18.4
Feb	83.3	-20.2	143.9	15.0
Mar	87.1	-37.2	131.2	-10.6
Apr	77.6	-42.2	135.1	29.9
May	99.5	-37.1	159.3	75.3
Jun	119.7	-15.2	176.2	78.3
Jul	132.0	-17.4	153.0 ^r	35.3
Aug	129.3	-6.9	143.0	11.1

d/ - Subsector of Petroleum Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
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(2000=100)**

Year/Month	CHEMICAL PRODUCTS		BASIC CHEMICALS AND INDUSTRIAL GASES ^{e/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	464.0	11.2	238.0	31.9
Jan	182.0	1.2	224.0	35.7
Feb	228.9	-14.0	240.7	50.7
Mar	298.7	34.2	294.1	55.9
Apr	333.3	15.1	290.6	86.4
May	388.4	12.6	260.4	46.6
Jun	456.2	16.1	277.3	65.0
Jul	476.4	10.2	232.1	18.5
Aug	515.6	20.9	176.4	-2.6
Sep	567.3	9.3	137.7	72.2
Oct	656.8	10.9	256.2	27.2
Nov	711.6	9.3	227.0	-12.2
Dec	752.9	9.2	240.2	2.3
2016				
Jan	744.2	308.8	230.0	2.7
Feb	195.5	-14.6	207.4	-13.8
Mar	300.3	0.5	225.4	-23.4
Apr	347.8	4.4	233.2	-19.8
May	401.5 ^r	3.4	201.7	-22.5
Jun	470.4 ^r	3.1	216.9	-21.8
Jul	505.2 ^r	6.0	212.3 ^r	-8.5
Aug	550.1	6.7	217.7	23.4

e/ - Subsector of Chemical Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	FERTILIZERS ^{e/}		PAINTS ^{e/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	171.7	-4.7	189.8	-8.3
Jan	204.1	42.5	201.7	8.5
Feb	180.0	-8.9	187.0	-11.1
Mar	169.0	-5.9	200.3	6.3
Apr	151.5	-19.3	188.6	-0.2
May	112.3	-31.1	201.0	-7.5
Jun	205.0	-10.7	212.1	-12.4
Jul	203.1	5.6	213.1	-4.0
Aug	164.3	-0.2	165.8	-28.9
Sep	144.3	69.2	167.1	-15.9
Oct	123.5	-33.5	189.9	-5.0
Nov	216.7	-10.1	181.2	-13.8
Dec	187.0	-2.3	169.3	-9.0
2016				
Jan	187.8	-8.0	192.0	-4.8
Feb	132.3	-26.5	209.3	12.0
Mar	110.4	-34.7	229.7	14.7
Apr	106.8	-29.5	210.6	11.6
May	171.0	52.3	244.8 ^r	21.8
Jun	172.3	-16.0	243.9 ^r	15.0
Jul	177.5	-12.6	230.8 ^r	8.3
Aug	163.4	-0.6	230.2	38.9

e/ - Subsector of Chemical Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	DRUGS AND MEDICINES ^{e/}		COSMETICS AND TOILET PREPARATIONS ^{e/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	1208.0	16.2	173.0	0.5
Jan	167.3	-7.3	173.2	-6.2
Feb	352.0	-30.4	167.6	-2.0
Mar	557.8	68.3	185.7	4.9
Apr	723.2	15.3	162.7	7.5
May	914.5	14.4	183.2	13.4
Jun	1137.8	17.9	177.4	16.2
Jul	1254.6	16.1	162.0	-3.8
Aug	1445.8	33.8	165.5	2.2
Sep	1669.6	15.8	159.0	-19.0
Oct	1891.0	16.2	193.2	-1.3
Nov	2087.9	14.8	189.5	5.1
Dec	2294.8	13.9	156.8	-4.9
2016				
Jan	2273.7	1258.8	147.0	-15.1
Feb	218.5	-37.9	196.8	17.4
Mar	618.6	10.9	181.0	-2.5
Apr	785.7	8.6	183.2	12.6
May	945.7	3.4	197.8	8.0
Jun	1188.9	4.5	199.5 ^r	12.4
Jul	1336.2 ^r	6.5	187.7	15.8
Aug	1521.2	5.2	178.7	8.0

e/ - Subsector of Chemical Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	MISCELLANEOUS CHEMICALS ^{e/}		RUBBER AND PLASTIC PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	149.9	-30.8	160.7	-1.4
Jan	167.3	-18.9	156.0	1.0
Feb	155.1	-13.2	160.1	-18.6
Mar	148.8	-20.5	172.1	15.5
Apr	153.4	-13.5	154.8	6.0
May	165.5	-14.8	153.1	-2.6
Jun	158.1	-22.2	156.3	-1.0
Jul	157.6	-32.4	163.4	1.9
Aug	145.6	-36.9	153.6	-4.8
Sep	137.6	-47.0	161.7	-5.2
Oct	142.4	-42.1	170.2	-0.6
Nov	145.6	-41.3	167.4	-0.6
Dec	121.1	-48.5	159.1	-2.3
2016				
Jan	125.0	-25.3	177.4	13.8
Feb	136.1	-12.3	179.0	11.8
Mar	122.2	-17.9	193.0	12.2
Apr	141.8	-7.6	199.5 ^r	28.8
May	162.6	-1.8	199.9 ^r	30.5
Jun	158.7 ^r	0.4	203.6 ^r	30.2
Jul	159.2 ^r	1.0	204.5 ^r	25.1
Aug	135.0	-7.3	210.3	36.9

e/ - Subsector of Chemical Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	RUBBER PRODUCTS ^{f/}		PLASTIC PRODUCTS ^{f/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	214.4	-3.2	144.5	-0.6
Jan	217.2	9.4	137.6	-2.5
Feb	230.2	14.5	139.1	-28.8
Mar	234.6	16.3	153.4	15.1
Apr	206.7	6.1	139.2	5.9
May	207.0	-5.7	137.0	-1.1
Jun	212.3	-2.4	139.5	-0.3
Jul	221.8	-8.2	145.9	7.3
Aug	195.7	-11.8	141.0	-1.5
Sep	222.2	-8.2	143.5	-3.7
Oct	223.1	-8.2	154.3	3.1
Nov	216.8	-11.2	152.6	4.7
Dec	185.2	-20.6	151.3	6.7
2016				
Jan	208.3	-4.1	168.2	22.2
Feb	202.9	-11.9	171.9	23.6
Mar	192.5	-17.9	193.2	26.0
Apr	191.0	-7.6	202.0 ^r	45.1
May	194.2	-6.2	201.6 ^r	47.2
Jun	204.0	-3.9	203.4 ^r	45.8
Jul	211.4 ^r	-4.7	202.4 ^r	38.7
Aug	219.3	12.0	207.6	47.3

f/ - Subsector of Rubber and Plastic Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	NON-METALLIC MINERAL PRODUCTS		GLASS AND GLASS PRODUCTS ^{g/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	207.0	8.0	154.5	-8.0
Jan	204.1	16.9	146.7	-20.5
Feb	209.4	14.3	147.6	-22.1
Mar	208.8	2.9	160.7	-16.8
Apr	201.1	4.5	152.7	-16.4
May	213.8	8.8	156.5	-8.4
Jun	213.5	15.7	160.4	3.7
Jul	208.8	14.1	167.2	18.5
Aug	200.0	4.1	157.1	11.1
Sep	201.3	-2.7	154.0	3.9
Oct	204.9	0.1	152.9	-8.3
Nov	204.0	4.0	145.1	-14.5
Dec	214.0	17.9	152.8	-11.5
2016				
Jan	191.2	-6.3	137.9	-6.0
Feb	196.8	-6.0	137.3	-7.0
Mar	203.5	-2.5	141.6	-11.9
Apr	206.2	2.6	140.9	-7.7
May	206.8	-3.3	118.6	-24.3
Jun	210.3 ^r	-1.5	149.7 ^r	-6.7
Jul	203.1 ^r	-2.7	116.6 ^r	-30.3
Aug	204.1	2.1	124.3	-20.9

g/ - Subsector of Non-Metallic Mineral Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	CEMENT ^{g/}		MISC. NON-METALLIC MINERAL PRODUCTS ^{g/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	330.4	13.0	55.4	-6.9
Jan	327.1	25.9	55.2	9.3
Feb	339.4	23.4	52.4	2.1
Mar	332.6	8.6	54.8	-10.6
Apr	323.3	10.8	49.5	-12.7
May	339.6	11.7	61.0	8.1
Jun	339.8	18.0	58.3	12.4
Jul	328.6	14.1	57.7	9.8
Aug	316.3	5.3	54.3	-11.2
Sep	319.7	-0.4	54.6	-23.3
Oct	326.2	4.8	56.0	-21.0
Nov	327.2	11.6	55.5	-21.6
Dec	344.5	27.5	56.0	-7.0
2016				
Jan	306.7	-6.2	51.2	-7.3
Feb	315.4	-7.1	55.1	5.1
Mar	324.9	-2.3	58.9	7.6
Apr	329.5	1.9	60.3	21.7
May	336.6	-0.9	61.5	0.9
Jun	332.9	-2.0	63.3	8.7
Jul	332.4 ^r	1.1	57.7 ^r	0.0
Aug	325.5	2.9	66.9	23.3

g/ - Subsector of Non-Metallic Mineral Products

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	BASIC METALS		IRON AND STEEL ^{h/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	232.3	-3.4	217.5	4.1
Jan	277.8	52.6	232.0	7.4
Feb	250.2	37.3	227.4	11.3
Mar	265.1	65.6	239.3	25.2
Apr	259.6	10.2	225.5	5.9
May	234.0	-21.8	228.2	2.4
Jun	183.5	-37.2	218.0	-4.8
Jul	174.7	-38.2	219.1	5.7
Aug	198.5	-31.4	232.6	4.4
Sep	205.8	-19.0	188.7	-10.4
Oct	249.6	2.1	193.0	-15.0
Nov	262.9	17.3	200.5	8.9
Dec	226.3	-5.9	206.0	15.4
2016				
Jan	185.6	-33.2	198.0	-14.6
Feb	218.5	-12.7	196.5	-13.6
Mar	274.9	3.7	201.3	-15.9
Apr	284.5	9.6	212.4	-5.8
May	290.1	24.0	227.3	-0.4
Jun	282.4 ^r	53.9	230.3 ^r	5.6
Jul	274.2 ^r	57.0	223.5 ^r	2.0
Aug	264.7	33.4	210.9	-9.4

h/ - Subsector of Basic Metals

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	NON-FERROUS METALS ^{h/}		FABRICATED METAL PRODUCTS	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	267.6	-15.3	389.3	-0.2
Jan	386.9	282.3	354.4	-10.7
Feb	304.5	135.6	297.1	-6.0
Mar	326.7	280.3	356.2	-5.7
Apr	340.8	17.6	376.7	-9.4
May	247.8	-48.5	396.5	14.2
Jun	101.1	-77.1	428.8	9.5
Jul	68.7	-85.1	434.6	9.1
Aug	117.1	-73.8	415.2	12.0
Sep	246.5	-31.0	543.0	8.9
Oct	384.6	34.5	396.5	-5.9
Nov	411.6	28.8	381.5	1.9
Dec	274.6	-29.3	291.2	-22.5
2016				
Jan	156.0	-59.7	314.6	-11.2
Feb	270.8	-11.1	398.3 ^r	34.0
Mar	450.5	37.9	342.1 ^r	-4.0
Apr	456.5	33.9	328.8 ^r	-12.7
May	439.9	77.5	304.2 ^r	-23.3
Jun	406.6	302.0	295.4 ^r	-31.1
Jul	395.0	474.7	285.5 ^r	-34.3
Aug	393.2	235.7	337.8	-18.6

h/ - Subsector of Basic Metals

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	MACHINERY EXCEPT ELECTRICAL		MACHINERY AND EQUIPMENT N.E.C. ^{i/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	47.9	0.6	168.1	11.5
Jan	43.4	4.8	142.4	11.6
Feb	45.4	0.9	148.6	4.0
Mar	49.8	-15.2	180.7	19.5
Apr	44.0	-6.4	158.4	1.0
May	44.5	-12.4	160.6	-6.0
Jun	46.1	-5.0	168.7	10.7
Jul	45.6	-7.4	164.2	-0.8
Aug	46.2	2.8	161.5	12.1
Sep	49.9	8.2	175.3	15.1
Oct	48.6	-1.4	167.7	4.7
Nov	62.7	31.8	223.3	46.4
Dec	48.2	14.6	165.6	25.4
2016				
Jan	42.4	-2.4	140.3	-1.5
Feb	48.6 ^r	6.9	162.4 ^r	9.3
Mar	52.7 ^r	5.8	185.2 ^r	2.5
Apr	52.8 ^r	19.9	186.2 ^r	17.6
May	54.3 ^r	21.9	189.7 ^r	18.2
Jun	63.6 ^r	38.0	230.4 ^r	36.5
Jul	49.6 ^r	8.8	165.4 ^r	0.7
Aug	54.8	18.4	186.2	15.3

i/ - Subsector of Machinery Except Electrical

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	OFFICE, ACCOUNTING AND COMPUTING MACHY ^{i/}		ELECTRICAL MACHINERY	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	13.8	-24.6	122.3	-4.6
Jan	15.4	-9.6	124.5	3.5
Feb	16.3	-6.3	114.2	-5.6
Mar	12.7	-60.8	127.8	-4.5
Apr	11.6	-27.0	117.5	-8.0
May	11.7	-30.9	115.8	-11.7
Jun	11.4	-40.4	121.0	-9.9
Jul	12.0	-26.3	123.4	-5.2
Aug	13.6	-19.7	120.6	-4.5
Sep	14.3	-10.5	133.0	3.2
Oct	14.8	-16.8	125.0	-6.5
Nov	17.2	-3.6	123.9	-0.5
Dec	15.0	-9.8	120.6	-4.0
2016				
Jan	14.7	-4.8	129.2	3.8
Feb	16.4 ^r	0.7	122.9	7.6
Mar	15.1 ^r	18.9	131.3	2.7
Apr	15.0 ^r	28.7	120.1	2.2
May	15.9 ^r	36.6	109.7 ^r	-5.3
Jun	16.4 ^r	44.0	110.7 ^r	-8.5
Jul	16.8 ^r	40.5	115.2 ^r	-6.7
Aug	17.6	28.9	116.4	-3.5

^{i/} - Subsector of Machinery Except Electrical

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	ELECTRICAL APPLIANCES ^{j/}		WIRES AND WIRINGS ^{j/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	102.4	-14.2	131.6	-9.5
Jan	108.3	-8.4	128.5	-10.3
Feb	107.1	-6.4	131.3	-9.6
Mar	106.4	-16.3	139.9	-11.1
Apr	105.2	-14.3	119.6	-17.3
May	94.6	-21.1	135.8	-8.9
Jun	97.0	-21.3	135.4	-10.1
Jul	99.3	-20.5	134.3	-13.8
Aug	98.0	-18.5	121.8	-14.4
Sep	94.0	-17.9	133.3	-15.1
Oct	103.2	-14.9	130.2	-13.1
Nov	105.4	-10.2	142.1	4.3
Dec	110.0	1.8	126.8	12.5
2016				
Jan	89.4	-17.4	134.2	4.5
Feb	85.1	-20.6	149.2	13.6
Mar	93.3	-12.4	140.5	0.4
Apr	88.6	-15.8	144.6	20.8
May	78.5	-17.0	141.3	4.0
Jun	79.2	-18.3	146.4 ^r	8.1
Jul	80.1 ^r	-19.4	150.5 ^r	12.1
Aug	89.1	-9.2	123.3	1.2

j/ - Subsector of Electrical Machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	BATTERIES ^{j/}		LAMPS AND FIXTURES ^{j/}	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	7.8	-22.5	103.2	1.7
Jan	11.8	21.0	88.9	-5.0
Feb	8.0	-13.6	107.7	6.0
Mar	15.0	22.0	107.6	0.8
Apr	14.1	58.3	91.6	-1.6
May	5.5	-45.9	97.6	5.5
Jun	6.0	-43.8	101.8	4.1
Jul	7.0	-33.7	110.9	13.2
Aug	4.3	-61.5	106.4	-0.3
Sep	5.8	-42.9	101.4	-5.7
Oct	5.5	-40.4	116.6	4.2
Nov	5.8	-40.1	110.0	0.4
Dec	4.1	-49.3	97.5	-0.4
2016				
Jan	5.7	-51.6	107.5	20.9
Feb	6.1	-23.7	108.3	0.5
Mar	9.4	-37.1	105.2	-2.3
Apr	9.3 ^r	-33.9	104.5	14.2
May	9.3	69.9	96.5 ^r	-1.1
Jun	8.8 ^r	45.4	105.3 ^r	3.4
Jul	8.1 ^r	15.1	111.6 ^r	0.7
Aug	14.0	229.0	115.0	8.1

j/ - Subsector of Electrical Machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	MICROCIRCUITS ^{j/}		TRANSPORT EQUIPMENT	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	134.5	-1.8	148.2	3.9
Jan	137.8	9.3	154.9	19.7
Feb	119.5	-6.3	150.3	0.5
Mar	140.5	-0.8	151.7	0.6
Apr	128.0	-6.0	131.2	-5.9
May	127.7	-10.4	143.0	5.5
Jun	134.5	-7.6	144.5	9.2
Jul	136.3	-1.2	139.6	0.1
Aug	133.8	0.4	142.8	-2.6
Sep	154.8	11.7	153.1	6.8
Oct	137.0	-4.6	160.6	7.5
Nov	134.6	2.4	159.1	-0.8
Dec	130.3	-6.7	147.2	8.9
2016				
Jan	149.6	8.6	149.2	-3.7
Feb	140.1	17.3	158.4	5.3
Mar	151.2	7.6	139.7	-8.0
Apr	135.1	5.6	164.7	25.6
May	123.6	-3.2	171.5	19.9
Jun	123.6	-8.1	204.5 ^r	41.5
Jul	129.2 ^r	-5.2	187.0 ^r	34.0
Aug	129.0	-3.6	196.1	37.4

j/ - Subsector of Electrical Machinery

**TABLE 1 Value of Production Index (VaPI), Year-on-Year Growth Rates
for Manufacturing Sector: January 2015 - August 2016
(2000=100)**

Year/Month	FURNITURE AND FIXTURES		MISCELLANEOUS MANUFACTURES	
	INDEX	Year-on-Year Growth Rates	INDEX	Year-on-Year Growth Rates
2015	89.0	-28.1	81.7	7.9
Jan	129.4	-9.0	73.5	-10.1
Feb	75.5	-47.3	75.0	-7.8
Mar	95.8	-16.7	84.9	-2.8
Apr	104.8	-1.0	58.7	-20.5
May	82.8	-23.4	86.1	6.3
Jun	84.1	-27.6	88.1	25.4
Jul	84.0	-28.1	89.4	22.3
Aug	72.8	-41.0	88.5	27.2
Sep	81.1	-37.9	86.9	15.7
Oct	90.2	-29.8	88.3	14.6
Nov	77.4	-39.9	86.1	16.9
Dec	90.6	-28.6	75.0	15.5
2016				
Jan	79.5	-38.5	73.7	0.4
Feb	67.3	-10.9	79.9	6.5
Mar	93.1 ^r	-2.8	79.7	-6.1
Apr	58.9 ^r	-43.8	91.4	55.8
May	61.0 ^r	-26.3	93.7	8.8
Jun	67.2 ^r	-20.1	88.3	0.3
Jul	56.4 ^r	-32.9	82.4 ^r	-7.9
Aug	59.1	-18.8	81.0	-8.5

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