

**TABLE 3 Value of Net Sales Index, 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	192.9	-7.2	206.4	-12.9
Jan	155.5	-5.9	196.2	-14.7
Feb	158.2	-10.5	194.0	-16.0
Mar	183.4	-0.8	234.2	-1.2
Apr	179.8	-6.8	217.1	-6.5
May	187.2	-9.8	198.7	-18.4
Jun	196.7	-8.5	207.7	-14.5
Jul	199.0	-4.2	192.8	-15.6
Aug	195.5	-7.5	186.8	-15.5
Sep	208.3	-9.7	199.9	-17.0
Oct	216.8	-9.7	214.5	-15.9
Nov	218.1	-5.8	213.4	-13.6
Dec	216.0	-5.9	221.4	-6.0
2016				
Jan	209.1	34.5	214.6	9.4
Feb	158.1	<u>1/</u>	214.5	10.5
Mar	178.4 r	-2.7	223.0 r	-4.8
Apr	184.2 r	2.4	218.8 r	0.8
May	192.5 r	2.8	210.6 r	6.0
Jun	203.6 r	3.5	211.0 r	1.6
Jul	201.7 r	1.4	211.3 r	9.6
Aug	208.0	6.4	211.1	13.0

1/ - less than 0.1 percent decrease

**TABLE 3 Value of Net Sales Index, 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	143.5	-3.0	157.2	29.1
Jan	115.1	-25.3	122.3	60.1
Feb	127.0	-3.8	136.5	84.0
Mar	140.9	-4.2	147.3	71.8
Apr	138.8	3.2	168.0	71.5
May	140.1	0.9	148.1	18.9
Jun	144.0	1.1	162.7	22.7
Jul	146.2	8.2	146.6	13.1
Aug	136.9	-3.9	141.8	25.9
Sep	148.8	-3.7	178.8	5.7
Oct	172.9	5.7	178.8	-3.4
Nov	155.3	-6.6	188.1	33.9
Dec	155.7	-4.8	166.8	26.4
2016				
Jan	118.2	2.7	165.6	35.4
Feb	127.9	0.8	167.3	22.5
Mar	147.1	4.3	166.3	12.9
Apr	133.7 r	-3.7	179.0	6.6
May	139.3	-0.6	148.7	0.4
Jun	156.3	8.5	163.7 r	0.6
Jul	156.1 r	6.8	176.8 r	20.6
Aug	155.5	13.5	159.7	12.6

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	VEGETABLE/ANIMAL OILS AND FATS a/		MILK AND DAIRY PRODUCTS a/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	81.8	-26.1	312.4	-1.8
Jan	91.9	3.3	291.7	2.7
Feb	86.2	-24.8	290.0	-15.2
Mar	95.0	-12.6	341.5	4.5
Apr	82.3	-28.2	315.2	-9.1
May	71.0	-32.9	307.0	-3.1
Jun	83.4	-38.4	302.5	-1.8
Jul	92.7	-15.9	276.7	-10.5
Aug	66.8	-39.4	315.0	2.6
Sep	78.2	-28.2	319.3	1.4
Oct	79.3	-44.3	341.6	4.7
Nov	75.1	-20.2	325.0	-5.9
Dec	79.6	-16.0	322.8	12.0
2016				
Jan	68.7	-25.2	315.6	8.2
Feb	68.6	-20.4	323.8	11.7
Mar	63.0	-33.7	358.4 r	4.9
Apr	47.1	-42.8	363.7 r	15.4
May	69.9	-1.5	350.7 r	14.2
Jun	68.1	-18.4	335.8 r	11.0
Jul	95.0	2.5	312.1 r	12.8
Aug	104.3	56.0	320.0	1.6

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, 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	272.7	2.0	266.3	-7.5
Jan	285.3	8.5	303.7	3.5
Feb	267.5	3.5	237.8	0.6
Mar	283.0	6.4	262.5	0.7
Apr	263.7	6.2	272.1	-3.2
May	264.9	-1.0	259.2	-10.7
Jun	276.9	6.7	279.0	-0.4
Jul	273.0	1.1	273.0	-6.0
Aug	262.6	-8.2	266.7	-11.8
Sep	275.0	-4.5	267.9	-13.2
Oct	276.6	-7.2	264.0	-12.4
Nov	269.2	27.3	264.2	-16.2
Dec	275.2	-6.0	246.0	-16.3
2016				
Jan	256.5	-10.1	337.6	11.2
Feb	257.3	-3.8	294.9	24.0
Mar	265.8	-6.1	302.3	15.2
Apr	274.0	3.9	320.7	17.9
May	267.6 r	1.0	311.5 r	20.2
Jun	273.5 r	-1.2	311.1 r	11.5
Jul	281.2 r	3.0	307.4 r	12.6
Aug	275.4	4.9	344.2	29.1

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, 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	474.9	11.3	287.9	5.5
Jan	458.7	6.4	271.8	-17.5
Feb	433.2	11.0	299.6	-7.8
Mar	478.8	17.3	495.5	48.4
Apr	419.6	9.5	402.1	37.4
May	452.1	6.9	248.3	-27.9
Jun	463.6	13.9	296.4	-9.4
Jul	495.4	13.7	182.2	-14.7
Aug	476.2	10.0	157.6	-6.6
Sep	493.0	9.4	195.7	1.9
Oct	504.8	8.5	238.3	9.4
Nov	494.3	14.3	283.7	10.1
Dec	528.7	15.4	383.8	40.4
2016				
Jan	427.4	-6.8	463.5	70.6
Feb	430.0 r	-0.7	443.6	48.1
Mar	437.6 r	-8.6	435.3	-12.2
Apr	457.1 r	8.9	387.7	-3.6
May	479.0 r	5.9	310.7 r	25.1
Jun	462.0 r	-0.4	313.1 r	5.6
Jul	490.4 r	-1.0	270.1 r	48.2
Aug	476.7	0.1	250.4	58.8

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, 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	401.9	2.1	117.1	-60.0
Jan	443.4	82.5	112.8	-61.0
Feb	376.5	17.7	107.9	-61.8
Mar	488.8	24.0	122.4	-57.3
Apr	431.3	14.1	127.9	-54.2
May	382.9	-8.2	129.3	-56.8
Jun	471.2	9.3	117.8	-59.7
Jul	421.2	4.8	112.9	-60.7
Aug	405.3	-8.9	106.7	-59.9
Sep	363.7	-10.6	108.5	-64.9
Oct	341.9	-23.9	121.9	-61.2
Nov	340.0	-24.1	124.6	-61.6
Dec	357.2	-8.6	112.2	-59.6
2016				
Jan	374.3	-15.6	97.8	-13.3
Feb	352.1 r	-6.5	102.9 r	-4.6
Mar	286.3	-41.4	111.0 r	-9.3
Apr	402.3	-6.7	106.8 r	-16.5
May	283.0	-26.1	111.3 r	-13.9
Jun	294.0	-37.6	104.7 r	-11.2
Jul	321.9 r	-23.6	108.8 r	-3.7
Aug	382.6	-5.6	109.3	2.5

a/ - Subsector of Food Manufacturing

**TABLE 3 Value of Net Sales Index, 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	225.9	29.4	28.5	14.1
Jan	220.7	22.2	24.3	-5.8
Feb	203.6	33.7	22.9	5.3
Mar	241.3	47.8	26.8	32.6
Apr	231.5	38.7	26.0	13.7
May	229.3	26.0	27.0	11.6
Jun	225.4	20.7	28.2	13.6
Jul	193.5	20.0	27.8	12.7
Aug	204.9	25.5	28.6	13.5
Sep	229.1	32.1	31.4	25.1
Oct	230.4	27.5	32.4	12.0
Nov	240.2	27.8	33.3	40.8
Dec	261.0	32.9	33.2	2.6
2016				
Jan	225.7	2.3	28.3	16.3
Feb	200.5	-1.5	27.6	20.8
Mar	269.0	11.5	28.2	5.2
Apr	270.6	16.9	28.6	10.1
May	280.5	22.3	27.9	3.4
Jun	280.4	24.4	28.3	0.1
Jul	229.0 r	18.3	27.1 r	-2.4
Aug	253.7	23.8	27.1	-5.1

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	TEXTILES		TEXTILE PRODUCTS b/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	123.4	-2.0	120.6	-1.2
Jan	121.5	-10.5	119.5	-10.5
Feb	124.2	-0.2	121.7	-0.9
Mar	135.3	3.1	133.2	5.4
Apr	120.1	8.0	117.9	11.2
May	149.2	2.4	149.2	3.9
Jun	147.0	1.8	146.4	2.8
Jul	136.8	4.8	134.0	4.6
Aug	113.8	0.1	109.7	0.5
Sep	121.3	-2.9	118.6	-1.5
Oct	115.3	-6.1	112.3	-3.9
Nov	99.5	-14.4	94.6	-14.7
Dec	97.1	-11.5	90.2	-13.6
2016				
Jan	104.4	-14.0	100.9	-15.6
Feb	104.8	-15.6	100.3	-17.6
Mar	104.5	-22.8	100.2	-24.7
Apr	107.2	-10.8	102.7	-12.9
May	113.4	-23.9	110.2	-26.2
Jun	113.0	-23.1	109.4	-25.3
Jul	112.3	-17.9	107.5	-19.7
Aug	118.5	4.2	114.3	4.2

b/ - Subsector of Textiles

**TABLE 3 Value of Net Sales Index, 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	170.3	-10.4	79.1	-8.7
Jan	154.5	-10.4	70.0	-23.4
Feb	165.2	8.7	70.0	-22.6
Mar	170.2	-20.2	78.6	-18.0
Apr	156.4	-21.1	79.2	7.4
May	147.9	-17.6	89.5	3.7
Jun	156.1	-11.4	77.3	-11.0
Jul	183.4	7.7	79.0	-2.5
Aug	182.0	-3.9	73.5	-14.6
Sep	166.0	-16.7	79.9	2.0
Oct	166.4	-25.3	78.9	-10.0
Nov	182.1	-12.0	74.4	-7.3
Dec	213.8	6.5	98.8	-2.9
2016				
Jan	164.3	6.3	63.7	-9.0
Feb	179.8	8.8	61.9	-11.6
Mar	175.0	2.8	65.0	-17.3
Apr	181.4	16.0	72.7	-8.3
May	168.2	13.7	70.7	-21.0
Jun	172.3	10.4	68.9	-10.9
Jul	192.7	5.1	70.4 r	-10.9
Aug	189.9	4.3	67.1	-8.7

b/ - Subsector of Textiles

**TABLE 3 Value of Net Sales Index, 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	6.0	2.2	103.2	-5.3
Jan	3.1	-41.8	77.3	-36.4
Feb	5.0	-13.4	84.7	-12.7
Mar	5.9	43.2	102.2	3.0
Apr	5.5	14.5	105.4	11.3
May	5.5	-2.6	93.7	-20.0
Jun	6.9	15.0	111.3	6.0
Jul	6.4	-4.9	116.3	3.8
Aug	5.8	-3.0	114.0	11.7
Sep	6.5	18.9	96.7	-13.5
Oct	6.6	-0.1	119.1	0.5
Nov	7.4	7.6	111.0	-19.1
Dec	7.5	3.5	107.2	16.5
2016				
Jan	7.2	134.2	101.5	31.2
Feb	6.9	36.9	103.5	22.2
Mar	2.8	-52.8	114.2	11.8
Apr	5.2	-4.8	139.5	32.3
May	7.2	29.3	153.6	64.0
Jun	7.5	9.4	140.4	26.1
Jul	7.1	11.2	142.1 r	22.2
Aug	6.2	6.3	148.0	29.8

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(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	232.0	-0.3	15.6	-20.0
Jan	170.8	-37.7	13.9	-28.0
Feb	196.8	-1.0	13.7	-30.6
Mar	235.3	10.9	15.2	-32.6
Apr	234.6	4.0	17.1	-19.2
May	210.1	-13.4	12.6	-43.1
Jun	245.6	14.4	16.8	-25.3
Jul	270.1	26.2	16.3	-27.2
Aug	263.0	23.5	17.2	-15.8
Sep	209.5	-10.3	12.1	-27.7
Oct	271.7	-5.0	17.3	13.1
Nov	246.6	-11.8	18.4	12.4
Dec	230.1	15.9	16.0	10.2
2016				
Jan	188.6	10.4	15.9	13.7
Feb	209.4	6.4	16.3	18.7
Mar	255.6	8.7	17.1	12.7
Apr	285.9	21.9	16.7	-2.5
May	263.6	25.5	16.6	32.4
Jun	249.0	1.4	17.0	1.3
Jul	255.6	-5.3	15.3	-6.0
Aug	277.7	5.6	18.0	4.3

c/ - Subsector of Wood and Wood Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	OTHER WOOD PRODUCTS c/		PAPER & PAPER PRODUCTS	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	79.6	-15.4	90.4	3.1
Jan	59.7	-34.7	88.7	2.7
Feb	56.2	-37.5	87.9	6.7
Mar	72.6	-7.4	94.1	3.5
Apr	82.2	71.0	87.5	2.7
May	74.9	-30.3	91.2	3.6
Jun	91.1	-5.6	82.5	-3.0
Jul	81.3	-33.8	87.0	1.0
Aug	79.7	-11.7	81.1	-6.4
Sep	87.1	-18.4	90.4	-3.7
Oct	88.1	21.9	92.9	-2.8
Nov	86.3	-40.6	100.2	6.2
Dec	95.4	19.7	101.5	30.0
2016				
Jan	123.5	106.9	96.0	8.2
Feb	105.9	88.3	102.9	17.1
Mar	89.4	23.2	104.7	11.2
Apr	145.8	77.4	105.3	20.3
May	223.3	198.0	99.9	9.5
Jun	192.0	110.6	97.9	18.6
Jul	192.9 r	137.2	91.6 r	5.3
Aug	184.3	131.2	88.3	8.9

c/ - Subsector of Wood and Wood Products

**TABLE 3 Value of Net Sales Index, 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	175.1	-49.9	204.3	-25.5
Jan	158.2	8.5	195.8	-29.9
Feb	128.6	-31.6	193.6	-25.7
Mar	177.0	-28.3	214.2	-24.2
Apr	135.5	-42.5	211.9	-26.9
May	165.4	-51.9	222.8	-29.0
Jun	177.6	-45.5	221.6	-26.4
Jul	181.9	-45.8	240.2	-14.7
Aug	188.5	-48.5	200.0	-30.3
Sep	165.9	-59.6	193.8	-27.9
Oct	193.2	-59.7	198.8	-28.0
Nov	199.2	-62.3	181.9	-22.1
Dec	230.2	-60.8	177.3	-19.1
2016				
Jan	172.7	9.2	169.2	-13.6
Feb	279.3	117.1	145.5	-24.8
Mar	157.7	-10.9	171.6	-19.9
Apr	156.7	15.6	179.3	-15.4
May	160.2	-3.1	188.7	-15.3
Jun	222.0 r	25.0	194.5	-12.2
Jul	163.9 r	-9.9	193.0	-19.7
Aug	169.5	-10.1	201.8	0.9

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(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	204.5	-25.7	173.5	28.4
Jan	196.0	-30.0	154.6	3.2
Feb	193.8	-25.9	163.7	33.2
Mar	214.4	-24.4	185.2	49.4
Apr	212.3	-27.0	158.8	25.0
May	223.0	-29.2	190.0	28.0
Jun	221.8	-26.5	184.4	53.7
Jul	240.4	-14.9	204.9	62.6
Aug	200.1	-30.4	179.4	37.5
Sep	193.9	-28.1	184.1	19.3
Oct	199.1	-28.1	148.9	-4.9
Nov	182.0	-22.2	166.1	20.4
Dec	177.4	-19.3	161.7	30.6
2016				
Jan	169.4	-13.6	138.7	-10.3
Feb	145.4	-24.9	160.2	-2.1
Mar	171.7	-19.9	163.0	-12.0
Apr	179.3	-15.5	179.0	12.7
May	188.6	-15.4	202.9	6.7
Jun	194.2	-12.4	241.0	30.7
Jul	192.9	-19.8	202.4 r	-1.2
Aug	201.9	0.9	182.8	1.9

d/ - Subsector of Petroleum Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	CHEMICAL PRODUCTS		BASIC INDUSTRIAL CHEMICALS AND GASES e/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	497.5	-7.3	241.7	26.3
Jan	186.1	2.9	193.4	10.9
Feb	242.3	-22.8	239.6	30.4
Mar	311.1	5.8	288.8	34.8
Apr	341.8	-8.6	244.2	28.2
May	417.8	-7.7	286.1	34.4
Jun	482.6	-7.4	258.9	36.5
Jul	520.8	-7.9	232.3	31.5
Aug	566.4	-3.6	189.0	-12.7
Sep	645.1	-14.3	255.5	68.6
Oct	714.9	-8.9	260.2	53.2
Nov	767.6	-2.5	201.6	-8.2
Dec	773.5	-6.1	250.7	27.5
2016				
Jan	776.3	317.8	250.1	29.3
Feb	203.9	-15.8	248.5	3.7
Mar	321.4	3.4	264.3	-8.5
Apr	370.5	8.5	273.4	12.0
May	438.7	5.1	270.4	-5.5
Jun	507.1 r	5.2	242.0	-6.5
Jul	550.0 r	5.6	261.8 r	12.7
Aug	596.7	5.3	258.4	36.7

e/ - Subsector of Chemical Products

**TABLE 3 Value of Net Sales Index, 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	183.6	3.3	236.6	-1.7
Jan	221.7	24.2	262.2	43.1
Feb	232.7	44.5	230.0	12.7
Mar	128.7	-9.6	247.3	16.6
Apr	117.8	-15.1	235.2	9.5
May	145.6	-20.3	248.9	-0.2
Jun	203.3	13.2	260.9	-3.9
Jul	220.2	6.5	268.3	-1.9
Aug	223.0	15.5	203.6	-27.7
Sep	184.4	-4.1	208.4	-16.4
Oct	150.1	-16.0	244.8	-4.3
Nov	171.1	-7.1	218.1	-17.1
Dec	204.6	5.2	211.8	-7.9
2016				
Jan	263.3	18.8	225.2	-12.5
Feb	193.4	-16.9	230.6	2.2
Mar	184.2	43.2	244.0	0.5
Apr	120.9	2.7	272.1	17.9
May	145.3	-0.2	261.0	6.8
Jun	269.5	32.5	273.8 r	6.9
Jul	271.1	23.1	272.9 r	1.7
Aug	200.1	-10.3	273.7	34.4

e/ - Subsector of Chemical Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	DRUGS AND MEDICINES e/		COSMETIC AND TOILET PREPARATIONS e/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	1225.8	9.7	200.0	-49.2
Jan	169.2	-18.1	157.2	12.0
Feb	344.1	-38.0	155.9	-31.4
Mar	563.1	52.1	186.7	-34.2
Apr	724.6	5.6	172.1	-42.2
May	921.8	5.7	201.0	-41.7
Jun	1142.3	9.4	212.4	-46.3
Jul	1262.8	8.9	210.6	-51.1
Aug	1463.5	26.2	218.9	-53.6
Sep	1706.0	10.7	233.7	-64.4
Oct	1932.0	13.3	261.4	-58.1
Nov	2139.4	9.7	275.2	-37.7
Dec	2340.3	8.7	114.7	-71.8
2016				
Jan	2339.6	1282.4	118.1	-24.8
Feb	181.1	-47.4	178.5	14.5
Mar	574.7	2.1	195.5	4.7
Apr	765.2	5.6	198.2	15.2
May	955.2	3.6	225.1	12.0
Jun	1195.8	4.7	222.1	4.6
Jul	1343.6 r	6.4	211.1 r	0.2
Aug	1548.8	5.8	208.5	-4.8

e/ - Subsector of Chemical Products

**TABLE 3 Value of Net Sales Index, 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	321.2	-12.4	186.7	8.8
Jan	266.4	-7.8	167.1	7.9
Feb	317.6	-6.2	176.0	9.4
Mar	281.2	-32.7	190.6	12.0
Apr	273.9	-11.9	179.5	13.4
May	309.6	-7.7	183.6	8.9
Jun	295.8	-23.2	190.1	8.9
Jul	390.8	2.7	191.5	11.7
Aug	362.3	-10.4	184.0	3.6
Sep	367.1	-16.0	192.5	7.8
Oct	329.0	-19.5	194.6	3.8
Nov	317.7	-9.9	196.8	7.9
Dec	342.9	0.2	194.5	11.5
2016				
Jan	302.4	13.5	183.1	9.6
Feb	309.6	-2.5	196.7	11.8
Mar	323.2	14.9	209.4	9.9
Apr	289.5	5.7	201.7 r	12.3
May	358.4	15.8	204.2 r	11.2
Jun	331.6 r	12.1	212.6 r	11.8
Jul	378.9 r	-3.0	208.4 r	8.8
Aug	341.8	-5.7	222.0	20.7

e/ - Subsector of Chemical Products

**TABLE 3 Value of Net Sales Index, 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	174.3	12.1	190.5	7.9
Jan	170.5	33.0	166.1	2.0
Feb	166.4	22.1	178.9	6.3
Mar	182.8	18.3	192.9	10.3
Apr	164.6	25.1	184.0	10.7
May	157.5	8.1	191.4	9.2
Jun	189.4	15.9	190.4	6.9
Jul	173.9	9.2	196.8	12.3
Aug	172.4	-0.4	187.5	4.7
Sep	186.1	22.3	194.4	4.3
Oct	170.0	-6.6	202.0	6.8
Nov	185.0	16.8	200.3	5.6
Dec	172.9	-4.6	200.9	16.6
2016				
Jan	137.8	-19.2	196.7	18.4
Feb	170.9	2.7	204.5	14.3
Mar	165.9	-9.2	222.5	15.3
Apr	146.7 r	-10.9	218.2 r	18.6
May	148.2	-5.9	221.0 r	15.4
Jun	167.1	-11.8	226.3 r	18.9
Jul	157.4 r	-9.5	223.6 r	13.6
Aug	194.1	12.6	230.4	22.9

f/ - Subsector of Rubber and Plastic Products

**TABLE 3 Value of Net Sales Index, 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	244.5	7.2	144.3	2.5
Jan	214.2	2.8	119.1	-18.5
Feb	220.9	3.3	136.1	6.6
Mar	261.2	6.1	142.1	2.6
Apr	233.5	0.9	135.5	26.2
May	266.5	8.2	144.0	12.0
Jun	254.3	14.0	142.0	22.3
Jul	252.6	14.2	138.6	22.0
Aug	264.3	22.7	144.0	29.3
Sep	244.6	9.9	138.2	-5.8
Oct	246.5	-12.1	156.7	-16.9
Nov	240.4	2.5	178.1	-10.2
Dec	234.7	21.9	157.9	-5.2
2016				
Jan	213.1	-0.5	108.2	-9.1
Feb	252.0	14.1	139.3	2.4
Mar	256.5	-1.8	160.0	12.5
Apr	270.2	15.7	153.7	13.4
May	260.5	-2.3	120.4	-16.4
Jun	299.3 r	17.7	134.7 r	-5.1
Jul	277.7 r	9.9	88.7 r	-36.0
Aug	266.5	0.8	99.6	-30.8

g/ - Subsector of Non-metallic Mineral Products

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	CEMENT g/		MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS g/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	356.3	7.8	129.3	7.4
Jan	308.1	3.3	122.2	12.9
Feb	328.2	6.4	105.7	-9.7
Mar	390.1	4.8	130.1	13.7
Apr	349.9	-1.1	111.1	-0.9
May	407.1	7.2	120.5	11.1
Jun	381.8	12.6	122.3	16.9
Jul	378.5	13.9	123.6	12.1
Aug	378.5	16.4	154.4	47.1
Sep	350.9	9.2	140.0	20.7
Oct	348.2	5.1	141.3	-43.0
Nov	338.8	4.0	128.1	5.6
Dec	315.9	12.5	152.9	92.5
2016				
Jan	318.3	3.3	109.2	-10.6
Feb	350.7	6.9	160.6	52.0
Mar	363.2	-6.9	147.2	13.2
Apr	396.6	13.3	141.6	27.5
May	376.7	-7.5	156.1	29.6
Jun	420.2	10.0	198.7	62.4
Jul	417.3 r	10.3	161.0 r	30.3
Aug	390.7	3.2	162.3	5.1

g/ - Subsector of Non-metallic Mineral Products

**TABLE 3 Value of Net Sales Index, 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	245.8	-5.8	238.2	1.1
Jan	274.1	59.7	220.8	10.0
Feb	262.7	27.0	237.9	2.5
Mar	280.0	47.8	247.5	9.0
Apr	257.4	0.9	229.6	-4.3
May	247.8	-17.5	251.2	4.7
Jun	219.2	-32.7	260.2	4.1
Jul	209.1	-26.8	261.8	14.6
Aug	207.8	-35.7	239.7	-4.1
Sep	231.9	-17.9	230.0	-10.3
Oct	275.4	-1.0	239.9	-8.0
Nov	277.6	6.3	234.4	-2.0
Dec	207.0	-17.4	205.6	1.3
2016				
Jan	206.6	-24.6	219.6	-0.5
Feb	236.4	-10.0	225.2	-5.3
Mar	292.9	4.6	243.0	-1.8
Apr	329.1	27.9	274.3	19.5
May	310.8	25.4	265.5	5.7
Jun	293.1 r	33.7	258.8 r	-0.5
Jul	289.9 r	38.6	248.4 r	-5.1
Aug	280.7	35.1	243.5	1.6

h/ - Subsector of Basic Metals

**TABLE 3 Value of Net Sales Index, 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	264.0	-17.8	294.0	7.3
Jan	401.0	293.6	233.5	-19.6
Feb	321.9	119.2	215.3	-2.7
Mar	357.5	257.7	259.1	-9.1
Apr	323.7	11.1	288.0	-18.7
May	239.5	-46.1	296.2	22.6
Jun	121.4	-76.0	313.4	15.6
Jul	83.5	-80.2	325.5	20.0
Aug	131.9	-73.5	315.7	24.1
Sep	236.6	-31.4	440.8	42.8
Oct	360.2	12.6	299.3	6.5
Nov	380.6	21.4	293.2	13.1
Dec	210.4	-42.3	247.8	-0.6
2016				
Jan	175.5	-56.2	249.5	6.8
Feb	263.0	-18.3	320.0 r	48.7
Mar	412.0	15.2	265.9 r	2.6
Apr	459.7	42.0	247.4 r	-14.1
May	418.7	74.8	288.0 r	-2.8
Jun	374.9	208.9	248.5 r	-20.7
Jul	388.6 r	365.4	234.1 r	-28.1
Aug	369.5	180.1	240.9	-23.7

h/ - Subsector of Basic Metals

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	MACHINERY EXCEPT ELECTRICAL		MACHINERY AND EQUIPMENT i/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	59.8	1.1	211.8	9.4
Jan	54.1	5.2	176.6	11.0
Feb	56.0	-3.0	183.7	-1.4
Mar	63.0	3.7	227.5	10.6
Apr	55.8	-6.7	205.1	2.5
May	58.2	-12.3	215.9	-3.6
Jun	61.2	2.7	229.8	19.2
Jul	58.5	-1.5	214.9	8.8
Aug	57.6	2.6	207.9	14.1
Sep	63.6	7.2	227.5	15.8
Oct	62.6	-2.2	220.1	5.3
Nov	65.3	7.7	222.2	13.8
Dec	61.5	13.0	210.4	21.1
2016				
Jan	56.3	4.1	193.2	9.4
Feb	63.5 r	13.4	219.6	19.5
Mar	69.5 r	10.4	251.7 r	10.6
Apr	57.0 r	2.1	194.1 r	-5.3
May	61.9 r	6.3	211.6 r	-2.0
Jun	76.5 r	25.0	274.4 r	19.4
Jul	66.6 r	14.0	226.3 r	5.3
Aug	71.4	24.0	244.8	17.8

i/ - Subsector of Machinery except Electrical

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	OFFICE, ACCOUNTING AND COMPUTING MACHINERY i/		ELECTRICAL MACHINERY	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	16.8	-20.6	113.0	-5.4
Jan	19.4	-7.3	109.8	-2.3
Feb	19.9	-7.1	104.1	-8.1
Mar	16.4	-16.7	109.9	-15.2
Apr	13.5	-32.8	107.3	-16.6
May	13.6	-37.5	107.2	-9.5
Jun	13.5	-38.4	119.3	-7.9
Jul	14.2	-29.9	128.5	8.4
Aug	15.0	-26.4	113.5	-3.3
Sep	17.2	-16.0	125.9	6.7
Oct	18.0	-21.5	116.3	-4.4
Nov	20.9	-7.3	110.6	-2.0
Dec	19.4	-6.1	104.1	-9.0
2016				
Jan	17.5	-9.6	107.9	-1.7
Feb	19.4	-2.6	104.9	0.8
Mar	17.9 r	9.4	112.0	1.9
Apr	18.2	34.3	104.3 r	-2.7
May	19.5 r	43.4	110.8	3.4
Jun	20.5	51.7	112.4 r	-5.7
Jul	21.4	50.9	114.9 r	-10.6
Aug	22.3	48.7	114.4	0.8

i/ - Subsector of Machinery except Electrical

**TABLE 3 Value of Net Sales Index, Year-on-Year Growth Rates for Manufacturing Sector:
January 2015 – August 2016
(2000=100)**

Year/Month	ELECTRICAL APPLIANCES j/		WIRES AND WIRING PRODUCTS j/	
	Index	Year-on-Year Growth Rates	Index	Year-on-Year Growth Rates
2015	104.0	-17.2	106.4	-4.3
Jan	118.3	-4.5	99.2	-8.2
Feb	95.3	-24.5	108.1	2.9
Mar	60.4	-54.5	114.3	-6.3
Apr	98.9	-40.7	99.4	-18.5
May	89.6	-21.6	114.0	-8.4
Jun	112.2	-17.2	115.3	-6.8
Jul	146.1	17.9	109.4	-7.8
Aug	95.6	-21.0	101.7	-6.7
Sep	99.1	-10.4	104.5	10.9
Oct	103.8	-15.7	111.4	1.4
Nov	109.2	-4.5	108.9	1.4
Dec	120.1	4.5	90.9	1.0
2016				
Jan	88.9	-24.8	94.6	-4.6
Feb	95.9	0.6	106.8	-1.3
Mar	93.4	54.6	98.4	-13.9
Apr	110.2	11.4	103.9	4.4
May	104.6 r	16.8	107.7	-5.5
Jun	102.1 r	-9.0	101.0 r	-12.4
Jul	99.4 r	-32.0	102.5 r	-6.4
Aug	106.9	11.8	103.5	1.8

j/ - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, 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	10.3	9.0	117.6	7.6
Jan	7.6	-23.8	112.9	16.1
Feb	7.8	-11.0	117.1	4.8
Mar	11.8	46.9	121.0	-3.1
Apr	9.8	24.6	100.7	-6.7
May	10.7	40.5	107.3	17.6
Jun	11.1	17.9	112.2	8.6
Jul	14.0	71.8	122.0	13.9
Aug	10.3	11.9	108.5	0.5
Sep	11.5	19.3	141.7	24.8
Oct	10.9	-14.2	135.9	16.1
Nov	8.4	-25.3	120.1	2.1
Dec	9.1	-11.3	111.7	-0.4
2016				
Jan	11.2	48.8	109.9	-2.6
Feb	10.3	31.5	128.3	9.6
Mar	10.3	-13.2	113.1	-6.5
Apr	10.3 r	4.2	113.1	12.3
May	10.9 r	2.1	101.8 r	-5.1
Jun	11.7 r	5.7	110.0 r	-2.0
Jul	12.5 r	-10.6	122.8 r	0.6
Aug	13.1	27.7	117.8	8.6

j/ - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, 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	118.9	-2.7	250.1	22.0
Jan	109.8	-3.0	203.1	5.0
Feb	108.0	-3.6	213.4	0.7
Mar	128.9	-3.0	239.1	10.8
Apr	114.2	-5.7	269.6	38.9
May	115.8	-8.2	272.3	47.0
Jun	126.0	-6.3	295.3	54.1
Jul	127.2	5.1	283.4	66.5
Aug	124.3	2.8	287.1	46.5
Sep	138.1	9.8	233.9	1.2
Oct	121.5	-3.0	241.6	18.1
Nov	112.8	-1.7	231.1	-5.7
Dec	100.7	-15.2	231.5	4.8
2016				
Jan	118.0	7.5	221.7	9.2
Feb	107.6	-0.3	233.2	9.3
Mar	122.2	-5.2	208.8	-12.7
Apr	103.7	-9.3	234.4 r	-13.1
May	117.1	1.1	252.5 r	-7.3
Jun	120.0 r	-4.8	295.4 r	0.1
Jul	123.1 r	-3.3	278.9 r	-1.6
Aug	120.1	-3.3	278.1	-3.1

j/ - Subsector of Electrical Machinery

**TABLE 3 Value of Net Sales Index, 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	62.9	-8.4	140.1	21.4
Jan	74.6	-3.7	110.8	-12.7
Feb	69.7	-3.0	116.6	-6.4
Mar	59.7	0.7	145.3	10.1
Apr	62.2	9.2	121.7	5.0
May	70.6	17.3	127.3	11.3
Jun	61.4	-2.6	143.2	21.7
Jul	55.4	-8.3	155.0	49.7
Aug	55.8	-25.1	178.0	70.4
Sep	59.6	-16.3	154.4	40.5
Oct	65.1	-8.6	153.0	27.0
Nov	58.4	-21.2	137.7	29.7
Dec	62.4	-25.5	138.1	26.9
2016				
Jan	57.0	-23.6	119.8	8.1
Feb	54.7 r	-21.5	137.1	17.6
Mar	67.2 r	12.4	132.6	-8.8
Apr	51.2 r	-17.6	157.7	29.5
May	53.4 r	-24.4	151.2	18.8
Jun	58.2 r	-5.3	142.1	-0.8
Jul	44.6 r	-19.5	138.9 r	-10.4
Aug	49.1	-12.1	133.3	-25.1

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