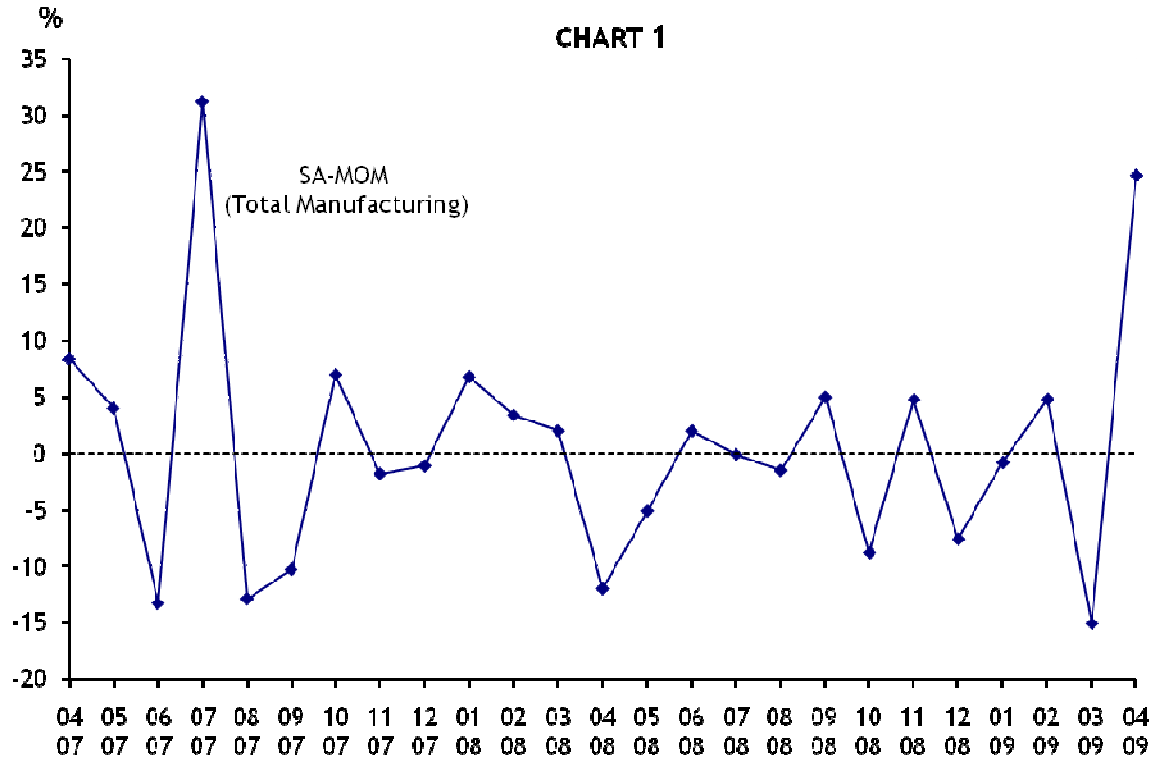
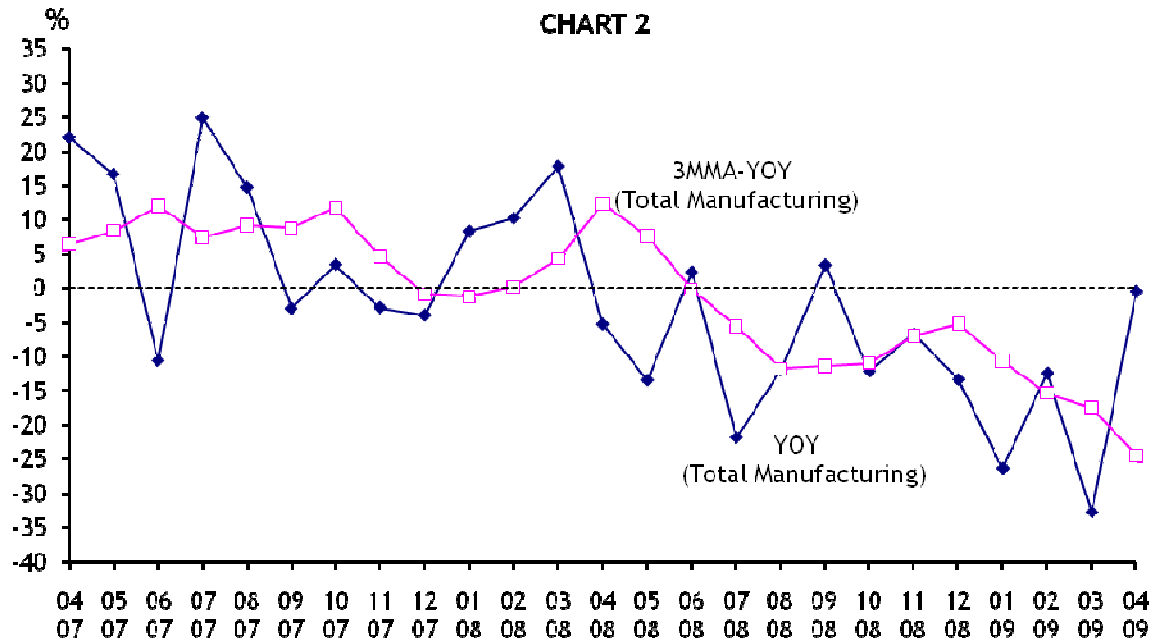


## GROWTH OF MANUFACTURING SECTOR



**Note :**  
SA-MOM - Seasonally adjusted month on month



**Note :**  
3MMA-YOY - 3-month moving average year-on-year  
YOY - year-on-year

TABLE 1 : MANUFACTURING SECTOR GROWTH

Period	INDEX ( 2007 = 100 )	SA INDEX	SA MOM GROWTH (%)	SA 3MMA MOM GROWTH (%)	YOY INDEX GROWTH (%)		
2007	Apr	96.9	101.6	8.4	2.1	22.0	
	May	98.8	105.7	4.0	2.4	16.6	
	Jun	95.9	91.6	-13.3	-0.7	-10.6	
	Jul	119.5	120.2	31.2	6.2	24.9	
	Aug	103.6	104.7	-12.9	-0.3	14.7	
	Sep	99.9	93.9	-10.3	0.7	-3.0	
	Oct	103.5	100.5	7.0	-6.2	3.4	
	Nov	101.8	98.7	-1.8	-2.0	-2.9	
	Dec	101.1	97.6	-1.1	1.3	-4.0	
	2008	Jan	100.7	104.2	6.8	1.2	8.3
		Feb	96.0	107.7	3.4	3.0	10.2
		Mar	116.6	109.9	2.0	4.0	17.8
Apr		91.8	96.7	-12.0	-2.3	-5.3	
May		85.5	91.8	-5.1	-5.1	-13.5	
Jun		98.1	93.6	2.0	-5.5	2.3	
Jul		93.3	93.5	-0.1	-1.1	-21.9	
Aug		91.2	92.1	-1.5	0.1	-12.0	
Sep		103.2	96.7	5.0	1.1	3.3	
Oct		90.9	88.2	-8.8	-1.9	-12.2	
Nov		95.0	92.4	4.8	0.1	-6.7	
Dec		87.6	85.4	-7.6	-4.1	-13.4	
2009	Jan	74.1	84.7	-0.8	-1.3	-26.4	
	Feb	84.0	88.8	4.8	-1.4	-12.5	
	Mar	78.4	75.4	-15.1	-3.9	-32.8	
	Apr*	91.3	94.0	24.7	3.7	-0.5	

Note:

- \* - Preliminary
- SA Index - Seasonally adjusted index
- SA MOM - Seasonally adjusted month-on-month
- SA 3MMA - Seasonally adjusted 3-month moving average

**TABLE 2: PERFORMANCE BY CLUSTERS**

Industry Cluster	2008 Value Added Share (%)	% change over corresponding period of previous year				% change of 3-month moving average over corresponding period of previous year		
		Feb 09	Mar 09	Apr 09*	Cum Jan - Apr 09	Feb 09	Mar 09	Apr 09*
<b>Electronics</b>	26.3	-38.4	-34.4	-24.2	-35.3	-39.0	-38.8	-32.4
Semiconductors	16.4	-41.5	-21.8	-19.5	-30.3	-37.5	-33.9	-28.0
Computer Peripherals	2.6	-15.8	-41.1	-26.9	-34.1	-26.8	-36.1	-28.9
Data Storage	3.2	-40.4	-49.1	-34.1	-43.9	-45.1	-47.0	-41.6
Infocomms & Consumer Electronics	2.5	-46.8	-52.4	-32.4	-48.9	-57.7	-53.3	-45.1
Other Electronic Modules & Components	1.6	-44.6	-52.2	-26.1	-44.6	-41.6	-50.2	-41.8
<b>Biomedical Manufacturing</b>	22.2	9.3	-52.3	68.4	-9.1	4.1	-24.1	-7.3
Pharmaceuticals	19.7	10.3	-54.9	77.9	-9.2	4.8	-25.2	-7.6
Medical Technology	2.5	-5.9	7.4	-10.0	-6.5	-5.5	-5.2	-3.2
<b>Chemicals</b>	10.2	-21.8	-22.4	-21.6	-22.5	-23.1	-22.8	-21.9
Petroleum	0.2	-14.4	-18.5	-23.0	-16.0	-10.2	-13.6	-18.7
Petrochemicals	5.3	-26.9	-25.4	-19.2	-25.2	-30.0	-27.2	-23.7
Specialties	3.8	-29.9	-27.3	-21.1	-29.2	-34.8	-31.9	-26.0
Others	0.9	-12.5	-13.7	-25.7	-22.8	-24.5	-21.8	-17.5

**TABLE 2: PERFORMANCE BY CLUSTERS (Continued)**

Industry Cluster	2008 Value Added Share (%)	% change over corresponding period of previous year				% change of 3-month moving average over corresponding period of previous year		
		Feb 09	Mar 09	Apr 09*	Cum Jan - Apr 09	Feb 09	Mar 09	Apr 09*
<b>Precision Engineering</b>	14.0	-20.7	-27.7	-25.7	-27.9	-26.3	-28.7	-25.0
Machinery & Systems	6.5	-18.2	-29.1	-20.6	-25.7	-23.6	-27.3	-23.3
Precision Modules & Components	7.5	-22.8	-26.3	-29.9	-29.8	-28.7	-29.8	-26.5
<b>Transport Engineering</b>	16.1	16.7	0.4	14.8	8.8	9.0	6.7	10.2
Marine & Offshore Engineering	9.3	19.4	1.6	29.8	16.5	10.2	11.7	16.7
Aerospace	5.8	19.0	10.2	7.5	8.0	12.2	8.2	11.9
Land	1.0	-12.0	-45.8	-46.1	-33.8	-18.7	-30.0	-36.3
<b>General Manufacturing Industries</b>	11.2	0.6	-10.6	-10.2	-10.9	-7.0	-11.1	-7.2
Printing	2.9	-10.0	-21.1	-20.9	-21.1	-17.2	-21.2	-17.8
Food, Beverages & Tobacco	2.8	3.1	-4.1	-7.2	-6.7	-0.4	-6.6	-3.0
Miscellaneous Industries	5.4	5.1	-8.4	-6.2	-7.8	-5.3	-8.3	-3.8
<b>Total Manufacturing</b>	100.0	-12.5	-32.8	-0.5	-19.1	-17.5	-24.5	-16.7
<b>Manufacturing excluding Biomedical Manufacturing</b>	77.8	-20.8	-23.1	-16.4	-22.6	-23.9	-24.7	-20.1

\* Preliminary

**TABLE 3: MONTHLY INDEX OF INDUSTRIAL PRODUCTION BY INDUSTRY CLUSTER, APRIL 2007 TO APRIL 2009 (Continued)**

Period	Electronics						Biomedical Manufacturing			Chemicals					
	Total	Semi-conductors	Computer Peripherals	Data Storage	Infocomms & Consumer Electronics	Other Electronic Modules & Components	Total	Pharmaceuticals	Medical Technology	Total	Petroleum	Petrochemicals	Specialties	Others	
2007 = 100															
2007	Apr	96.4	102.8	101.7	90.3	73.8	87.2	96.8	97.3	89.9	102.8	102.3	101.6	99.5	119.9
	May	85.1	86.8	87.5	83.2	72.8	95.4	118.8	120.0	103.8	101.3	93.8	106.3	103.8	112.0
	Jun	97.9	103.5	90.9	86.5	90.8	104.5	82.2	79.2	120.0	99.6	98.6	97.0	101.3	108.6
	Jul	95.5	102.6	85.5	97.1	75.0	95.6	185.1	191.7	101.9	95.4	89.5	99.4	102.9	86.4
	Aug	102.6	98.3	98.3	105.3	122.1	101.7	107.1	107.9	96.3	100.7	105.1	98.3	100.0	90.1
	Sep	118.0	111.1	100.9	121.8	166.2	104.6	72.0	69.1	108.3	96.5	100.5	93.4	98.0	85.3
	Oct	107.5	112.1	95.1	106.8	104.8	102.6	103.3	102.1	117.8	101.5	106.1	98.2	101.1	93.7
	Nov	104.4	102.6	112.0	102.6	103.3	106.4	97.1	96.5	105.8	100.9	102.7	102.6	99.9	89.6
	Dec	111.4	107.1	118.4	123.1	110.2	112.3	80.5	79.2	97.5	100.9	103.7	103.7	96.5	90.6
2008	Jan	100.4	99.5	126.0	110.7	64.7	108.3	101.6	101.8	98.6	104.3	102.8	103.4	110.9	94.7
	Feb	94.2	103.0	93.4	95.8	57.7	96.8	115.1	116.6	96.0	96.7	98.5	94.4	101.9	80.8
	Mar	97.1	90.4	116.1	118.9	76.5	119.7	168.1	173.9	95.5	104.0	104.5	103.3	109.4	88.5
	Apr	91.7	97.3	95.3	103.4	52.0	97.1	74.5	71.8	109.2	102.4	101.8	102.4	107.4	90.4
	May	86.5	88.8	95.4	95.0	52.5	100.0	53.0	49.7	94.4	103.7	107.5	103.0	106.0	81.0
	Jun	98.6	103.7	109.9	92.0	67.2	110.1	86.6	84.5	112.5	100.8	101.2	95.8	110.1	89.7
	Jul	101.3	115.7	95.8	99.6	49.1	104.3	60.5	58.2	88.8	98.6	101.0	89.6	106.5	96.3
	Aug	96.9	105.0	98.2	112.2	46.4	105.1	70.1	68.8	85.9	94.9	101.5	83.6	101.9	84.4
	Sep	100.9	105.1	111.2	111.0	57.5	115.6	103.2	103.8	96.4	99.4	98.4	98.4	105.6	90.1
	Oct	93.1	102.2	93.3	96.6	46.6	106.6	72.6	70.6	98.3	94.3	102.7	89.4	91.7	80.6
	Nov	83.6	84.5	106.5	93.9	39.9	98.2	115.0	117.0	90.1	80.2	96.5	69.2	71.4	69.8
	Dec	71.7	70.6	101.3	69.0	42.0	80.8	97.4	96.9	103.7	77.5	95.3	69.0	61.9	70.8
2009	Jan	56.8	62.6	67.1	54.9	25.9	51.0	86.0	86.4	82.1	79.0	94.4	73.0	68.5	59.3
	Feb	58.0	60.2	78.7	57.1	30.7	53.6	125.8	128.6	90.3	75.6	84.3	69.0	71.4	70.7
	Mar	63.7	70.6	68.4	60.5	36.4	57.3	80.3	78.5	102.5	80.7	85.2	77.1	79.6	76.3
	Apr *	69.5	78.3	69.7	68.1	35.2	71.8	125.5	127.7	98.3	80.3	78.4	82.8	84.7	67.1

**TABLE 3: MONTHLY INDEX OF INDUSTRIAL PRODUCTION BY INDUSTRY CLUSTER, APRIL 2007 TO APRIL 2009**

Period	Precision Engineering			Transport Engineering				General Manufacturing Industries				Total Manu- facturing	Manufacturing excluding Biomedical Manufacturing	
	Total	Machinery & Systems	Precision Modules & Components	Total	Marine & Offshore Engineering	Aerospace	Land	Total	Printing	Food, Beverages & Tobacco	Miscella- neous Industries			
2007 = 100														
2007	Apr	94.5	90.8	97.6	95.3	87.4	102.3	109.2	95.8	94.9	95.9	96.2	96.9	96.9
	May	97.9	94.8	100.6	95.0	91.0	99.3	98.0	98.8	103.9	97.1	96.9	98.8	92.8
	Jun	102.2	107.7	97.6	104.8	103.4	107.5	98.4	99.3	102.3	96.0	99.3	95.9	100.0
	Jul	104.1	106.8	101.9	109.5	113.1	107.1	98.9	104.0	98.3	102.6	107.6	119.5	99.9
	Aug	101.6	97.3	105.3	102.6	111.2	93.2	99.3	106.3	102.7	105.8	108.4	103.6	102.6
	Sep	107.0	115.3	100.0	99.4	97.3	104.1	84.7	102.5	105.4	101.8	101.4	99.9	108.2
	Oct	100.0	96.1	103.4	97.9	97.8	94.9	117.4	103.6	103.3	101.7	104.7	103.5	103.6
	Nov	100.4	102.5	98.6	103.9	111.8	97.4	87.5	104.7	110.8	102.6	102.4	101.8	103.2
	Dec	105.6	121.5	92.2	110.6	122.9	97.3	104.3	100.1	98.3	101.1	100.5	101.1	107.3
2008	Jan	97.2	94.4	99.5	93.7	89.7	99.0	90.0	107.5	101.3	120.4	104.5	100.7	100.4
	Feb	80.8	79.6	81.9	90.7	89.6	89.6	106.0	80.6	79.7	89.1	77.0	96.0	90.3
	Mar	102.9	111.9	95.2	109.7	106.7	105.1	159.2	99.5	100.6	105.2	96.2	116.6	101.2
	Apr	94.7	93.5	95.7	103.7	104.1	102.6	108.1	102.2	99.7	105.0	102.2	91.8	97.0
	May	92.5	94.2	91.0	107.4	114.1	102.2	91.2	102.0	100.9	105.5	100.9	85.5	95.2
	Jun	99.5	107.4	92.7	113.3	117.7	108.3	113.3	101.3	97.7	105.4	101.1	98.1	101.5
	Jul	96.1	93.7	98.2	116.4	123.3	105.6	133.7	108.7	100.4	110.2	112.2	93.3	103.1
	Aug	91.1	87.3	94.2	102.2	101.0	105.8	88.9	106.0	98.6	108.9	108.5	91.2	97.5
	Sep	103.3	110.2	97.5	109.7	115.7	103.5	104.8	108.3	99.0	107.4	113.6	103.2	103.2
	Oct	87.4	83.2	91.0	108.4	111.8	105.7	100.4	107.0	97.7	109.3	110.6	90.9	96.4
	Nov	81.8	85.4	78.7	111.8	120.5	105.5	88.2	102.7	95.7	110.1	102.6	95.0	89.0
	Dec	83.2	97.3	71.2	117.9	122.2	118.9	81.7	101.2	88.6	116.2	100.5	87.6	84.7
2009	Jan	61.9	63.3	60.7	97.8	104.0	95.2	69.0	85.6	70.9	101.3	85.6	74.1	70.5
	Feb	64.1	65.1	63.2	105.9	107.0	106.6	93.3	81.2	71.7	91.9	80.9	84.0	71.5
	Mar	74.4	79.4	70.2	110.1	108.5	115.9	86.2	89.0	79.4	100.9	88.1	78.4	77.8
	Apr *	70.4	74.3	67.1	119.1	135.1	110.3	58.2	91.9	78.9	97.4	95.9	91.3	81.1

\* Preliminary