

MEDIA RELEASE

26 May 2009

Monthly Manufacturing Performance - April 2009

Highlights

- On a seasonally adjusted month-on-month basis, total manufacturing output increased by 24.7% in April 09
- On a year-on-year basis, manufacturing output declined by 0.5% in April 2009.

Total Manufacturing Performance

1. Manufacturing output expanded by 24.7% in April 2009 on a seasonally adjusted month-on-month basis. Compared to a year ago, manufacturing output posted a dip of 0.5% in April 2009. On a three-month moving average basis, total manufacturing output in April 2009 fell 16.7% compared to the same period last year. For the first four months of 2009, total manufacturing output contracted by 19.1%.

(II) Performance by cluster

2. The biomedical manufacturing cluster expanded by 68.4% year-on-year in April 2009. Output of the pharmaceutical segment jumped 77.9% due to a greater variety of active pharmaceutical ingredients produced and higher production of existing products. The production of medical technology products shrank 10.0% due to fewer overseas orders. Cumulatively, the cluster's output in the first four months of 2009 declined 9.1% compared to the same period in 2008.
3. Output of the transport engineering cluster was 14.8% higher than in April last year. Both the marine & offshore engineering and aerospace engineering segments increased output by 29.8% and 7.5% respectively. Shipyards completed more stages in their existing contracts for new ships, ship conversion and ship repairing. The aerospace segment continued to work on existing contracts from the Asia Pacific region. The land transport segment shrank 46.1% due to weak demand from Europe. On a year-to-date basis, output of the cluster rose by 8.8%.
4. The general manufacturing industries contracted by 10.2% in April 2009. There was lower output in the printing and food & beverages industries

as demand remained weak. Cumulative output in the first four months of 2009 shrank 10.9% compared to the same period in 2008.

5. Output of the chemicals cluster declined by 21.6% year-on-year in April 2009. All segments recorded lower production. In particular, the petroleum and petrochemicals segments had lower output due to some unplanned shutdowns during the month. The chemicals cluster contracted 22.5% year-on-year in the first four months of 2009.
6. The electronics cluster recorded a smaller decline of 24.2% year-on-year in April 2009 compared to the past three months. Though year-on-year declines were recorded in all segments, some segments recorded higher output in April over March this year. For the first four months of 2009, the electronics cluster contracted by 35.3% compared to the same period in 2008.
7. The precision engineering cluster shrank 25.7% in April 2009 compared to a year ago. The machinery & systems and precision modules & components segments recorded declines of 20.6% and 29.9% respectively. The cluster's output from January to April 2009 was 27.9% lower than the level produced in the same period last year.

8. The next monthly manufacturing performance media release will be issued on 26th June 2009.

Editors' Note: Updates on Monthly Manufacturing Output are available on <http://www.news.gov.sg> and <http://www.sedb.com>

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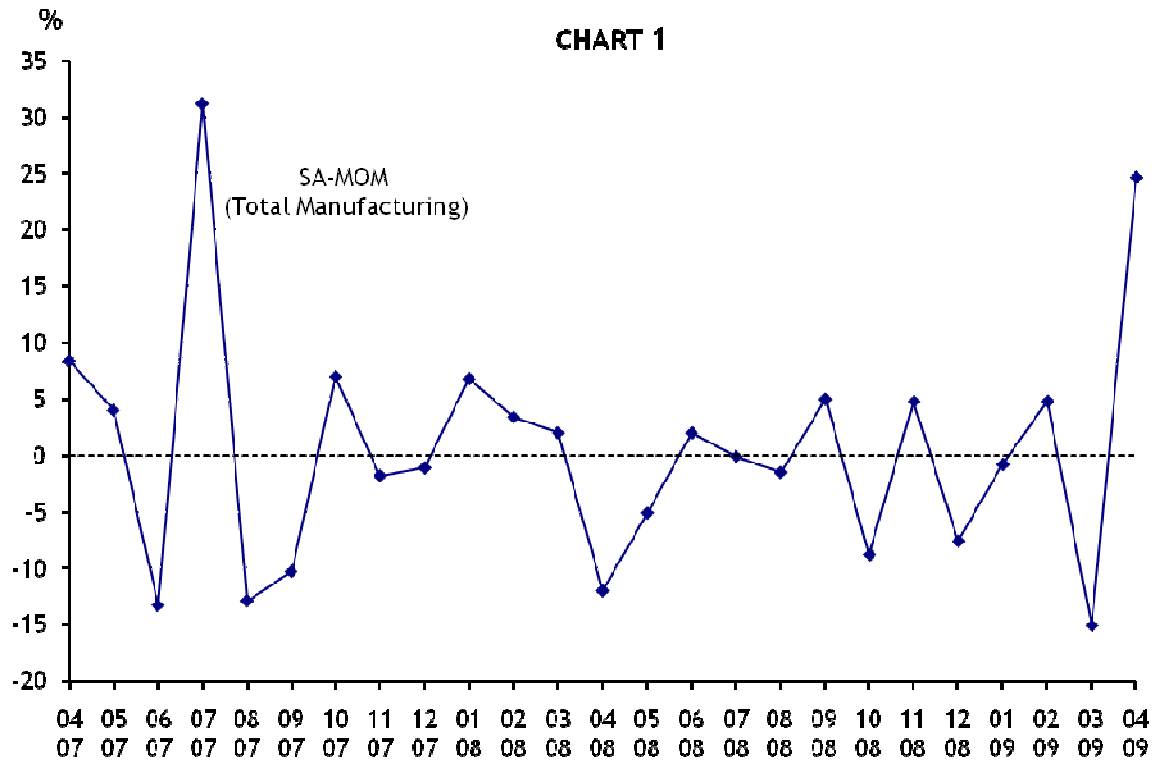
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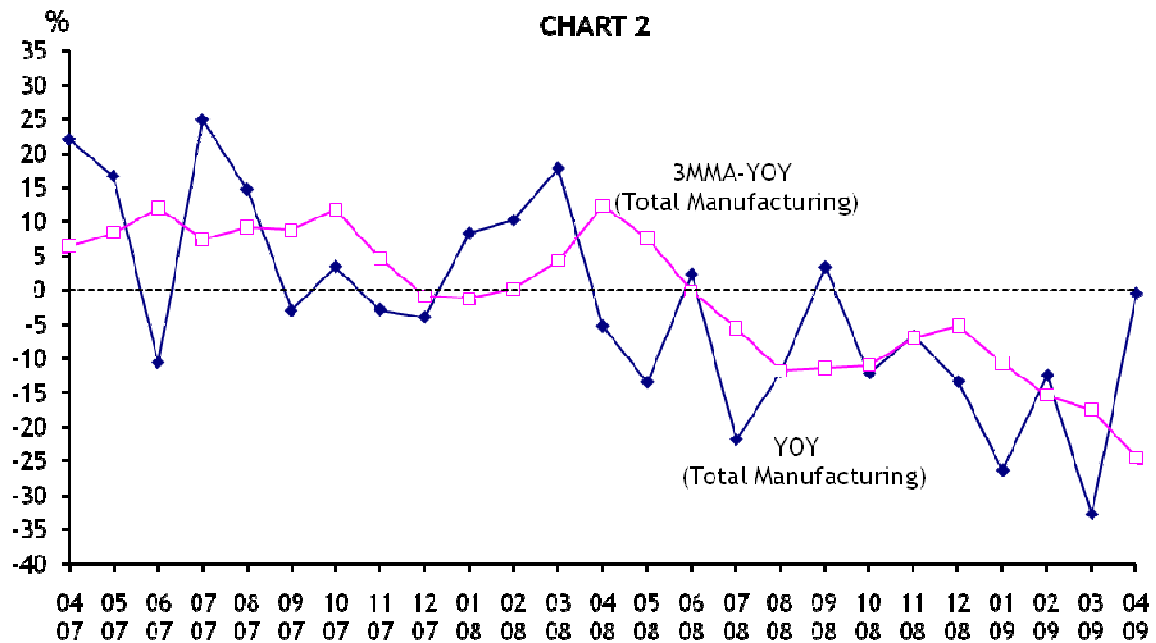
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GROWTH OF MANUFACTURING SECTOR



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*
Electronics	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
Biomedical Manufacturing	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
Chemicals	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*
Precision Engineering	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
Transport Engineering	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
General Manufacturing Industries	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
Total Manufacturing	100.0	-12.5	-32.8	-0.5	-19.1	-17.5	-24.5	-16.7
Manufacturing excluding Biomedical Manufacturing	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