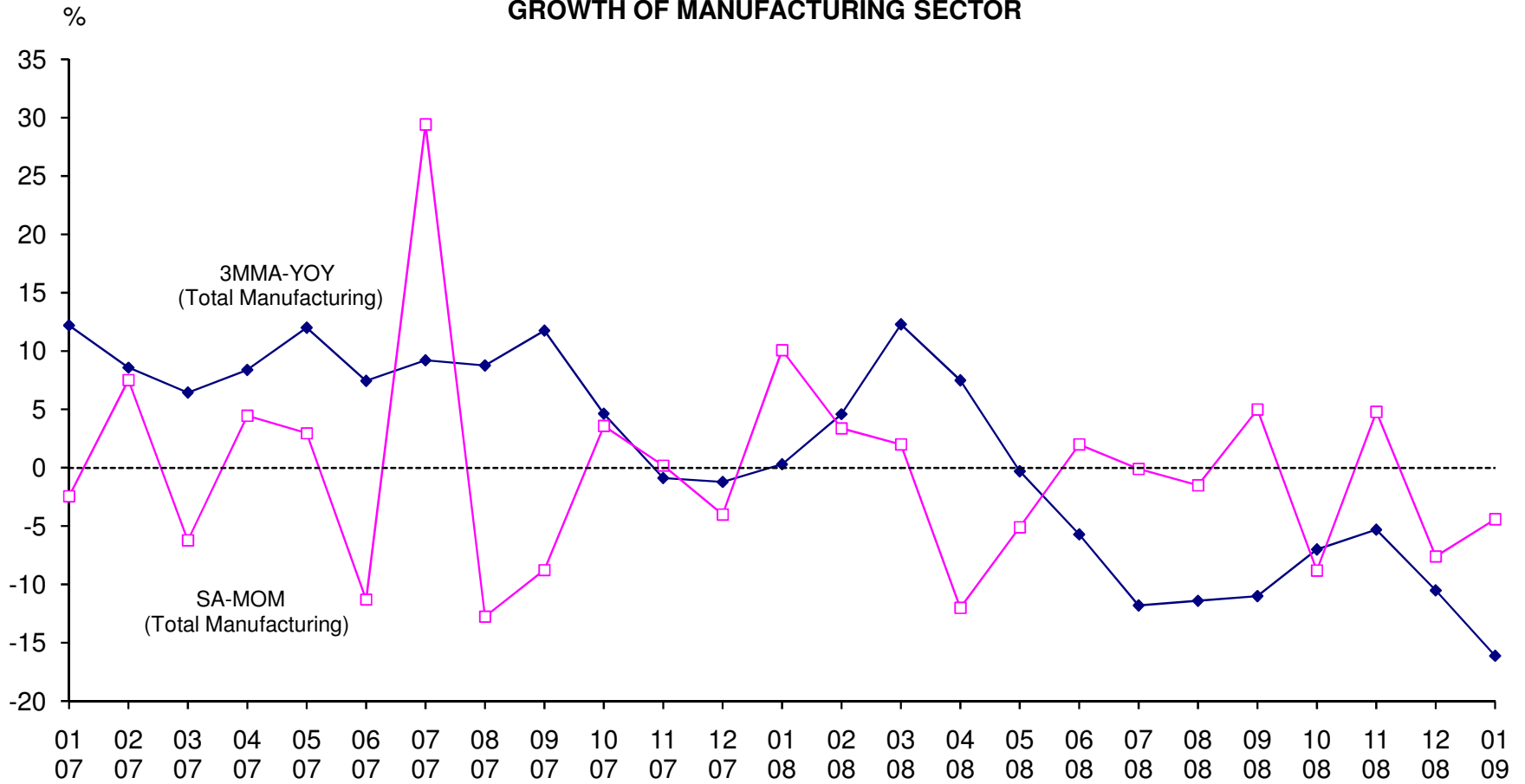


GROWTH OF MANUFACTURING SECTOR



Note :
 3MMA YOY - 3-month moving average year-on-year
 SA MOM - Seasonally adjusted month-on-month

TABLE 1: 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 | | |
|---------------------------------------|----------------------------|---|--------|---------|---|--------|---------|
| | | Nov 08 | Dec 08 | Jan 09* | Nov 08 | Dec 08 | Jan 09* |
| Electronics | 26.3 | -19.9 | -35.4 | -43.1 | -15.9 | -23.1 | -32.7 |
| Semiconductors | 16.4 | -17.7 | -33.4 | -35.4 | -10.4 | -19.8 | -28.8 |
| Computer Peripherals | 2.6 | -4.5 | -14.5 | -47.2 | 1.1 | -7.4 | -22.9 |
| Data Storage | 3.2 | -8.5 | -44.0 | -50.6 | -9.0 | -22.0 | -35.3 |
| Infocomms & Consumer Electronics | 2.5 | -61.4 | -62.1 | -61.1 | -61.5 | -59.7 | -61.6 |
| Other Electronic Modules & Components | 1.6 | -7.7 | -28.1 | -57.4 | 2.2 | -11.1 | -31.2 |
| Biomedical Manufacturing | 22.2 | 18.4 | 25.2 | -27.3 | 6.8 | 2.7 | 3.8 |
| Pharmaceuticals | 19.7 | 21.2 | 27.0 | -28.8 | 8.9 | 3.8 | 4.5 |
| Medical Technology | 2.5 | -14.6 | 6.5 | -8.1 | -14.1 | -8.9 | -5.7 |
| Chemicals | 10.2 | -20.4 | -23.2 | -24.0 | -8.4 | -16.9 | -22.6 |
| Petroleum | 0.2 | -5.8 | -8.1 | -7.6 | -3.8 | -5.8 | -7.2 |
| Petrochemicals | 5.3 | -32.6 | -33.2 | -29.2 | -12.7 | -25.2 | -31.7 |
| Specialties | 3.8 | -28.5 | -35.9 | -38.7 | -10.1 | -24.4 | -34.5 |
| Others | 0.9 | -22.1 | -23.1 | -36.7 | -10.5 | -19.6 | -27.4 |

TABLE 1: 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 | | |
|---|----------------------------|---|--------|---------|---|--------|---------|
| | | Nov 08 | Dec 08 | Jan 09* | Nov 08 | Dec 08 | Jan 09* |
| Precision Engineering | 14.0 | -18.5 | -21.7 | -37.4 | -11.3 | -17.7 | -25.7 |
| Machinery & Systems | 6.5 | -16.5 | -20.0 | -34.4 | -11.1 | -16.9 | -23.2 |
| Precision Modules & Components | 7.5 | -20.2 | -23.7 | -39.8 | -11.5 | -18.4 | -28.0 |
| Transport Engineering | 16.1 | 7.4 | 5.7 | 3.3 | 9.4 | 7.8 | 5.5 |
| Marine & Offshore Engineering | 9.3 | 7.5 | -2.7 | 14.5 | 13.2 | 5.7 | 5.6 |
| Aerospace | 5.8 | 8.3 | 22.7 | -4.5 | 6.1 | 14.1 | 8.7 |
| Land | 1.0 | 0.0 | -21.6 | -24.3 | 1.1 | -12.8 | -15.7 |
| General Manufacturing Industries | 11.2 | -2.0 | -0.1 | -19.1 | 1.8 | 0.4 | -7.3 |
| Printing | 2.9 | -13.6 | -10.2 | -29.5 | -8.5 | -9.8 | -17.8 |
| Food, Beverages & Tobacco | 2.8 | 7.4 | 15.0 | -13.0 | 7.0 | 10.1 | 2.2 |
| Miscellaneous Industries | 5.4 | 0.0 | -2.2 | -17.3 | 4.8 | 1.2 | -6.6 |
| Total Manufacturing | 100.0 | -6.6 | -12.8 | -29.1 | -5.3 | -10.5 | -16.1 |

* Preliminary

TABLE 2: MONTHLY INDEX OF INDUSTRIAL PRODUCTION BY INDUSTRY CLUSTER, JANUARY 2007 TO JANUARY 2009

| 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 | Jan | 95.9 | 94.1 | 102.1 | 92.8 | 98.6 | 94.9 | 78.7 | 79.2 | 72.8 | 101.1 | 100.5 | 100.9 | 100.7 | 105.3 |
| | Feb | 83.9 | 81.9 | 91.4 | 91.0 | 76.3 | 84.3 | 94.8 | 95.9 | 82.4 | 92.0 | 92.3 | 93.8 | 87.6 | 97.1 |
| | Mar | 102.1 | 96.9 | 116.2 | 99.6 | 105.9 | 110.7 | 83.3 | 81.8 | 103.3 | 107.1 | 105.1 | 104.3 | 108.7 | 121.6 |
| | 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 | 111.0 | 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 | 94.3 | 102.0 | 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 | 95.7 | 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 | 98.1 | 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 | 111.1 | 111.0 | 57.5 | 115.6 | 103.2 | 103.8 | 96.4 | 99.4 | 98.3 | 98.4 | 105.5 | 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 | 107.0 | 93.9 | 39.9 | 98.2 | 115.0 | 117.0 | 90.3 | 80.3 | 96.7 | 69.2 | 71.4 | 69.8 |
| | Dec | 72.0 | 71.3 | 101.3 | 68.9 | 41.8 | 80.7 | 100.8 | 100.6 | 103.8 | 77.5 | 95.3 | 69.3 | 61.9 | 69.7 |
| 2009 | Jan * | 57.1 | 64.2 | 66.5 | 54.7 | 25.2 | 46.1 | 73.8 | 72.5 | 90.5 | 79.2 | 95.0 | 73.2 | 68.0 | 60.0 |

TABLE 2: MONTHLY INDEX OF INDUSTRIAL PRODUCTION BY INDUSTRY CLUSTER, JANUARY 2007 TO JANUARY 2009 (Continued)

| Period | Precision Engineering | | | Transport Engineering | | | | General Manufacturing Industries | | | | Total Manu- facturing | |
|------------|-----------------------|---------------------|--------------------------------|-----------------------|-------------------------------|-----------|-------|----------------------------------|----------|---------------------------|--------------------------|--------------------------|-------|
| | Total | Machinery & Systems | Precision Modules & Components | Total | Marine & Offshore Engineering | Aerospace | Land | Total | Printing | Food, Beverages & Tobacco | Miscellaneous Industries | | |
| 2007 = 100 | | | | | | | | | | | | | |
| 2007 | Jan | 97.1 | 87.6 | 105.2 | 94.3 | 93.1 | 95.2 | 97.4 | 100.2 | 96.8 | 103.2 | 100.4 | 93.0 |
| | Feb | 82.0 | 72.0 | 90.5 | 84.5 | 76.3 | 92.3 | 95.2 | 82.7 | 78.1 | 88.0 | 82.5 | 87.1 |
| | Mar | 107.4 | 107.6 | 107.3 | 102.1 | 94.6 | 109.5 | 109.8 | 102.2 | 105.0 | 104.3 | 99.8 | 99.0 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 2008 | Jan | 97.3 | 94.5 | 99.6 | 93.5 | 89.3 | 99.0 | 90.0 | 107.6 | 101.3 | 120.4 | 104.7 | 100.7 |
| | Feb | 80.8 | 79.6 | 81.9 | 90.5 | 89.1 | 89.6 | 106.0 | 80.7 | 79.7 | 89.1 | 77.0 | 96.0 |
| | Mar | 102.9 | 111.9 | 95.3 | 109.4 | 106.3 | 105.1 | 159.2 | 99.5 | 100.6 | 105.2 | 96.2 | 116.6 |
| | Apr | 94.7 | 93.5 | 95.8 | 103.8 | 104.2 | 102.6 | 108.1 | 100.7 | 99.7 | 105.0 | 99.0 | 91.6 |
| | May | 92.5 | 94.1 | 91.1 | 107.4 | 114.1 | 102.2 | 91.2 | 102.0 | 100.9 | 105.5 | 100.9 | 85.5 |
| | Jun | 99.5 | 107.4 | 92.8 | 113.3 | 117.7 | 108.3 | 113.3 | 101.0 | 97.7 | 105.5 | 100.5 | 98.1 |
| | Jul | 96.2 | 93.7 | 98.3 | 116.2 | 123.0 | 105.6 | 133.7 | 108.5 | 100.4 | 110.3 | 111.7 | 93.2 |
| | Aug | 91.1 | 87.4 | 94.2 | 102.3 | 101.1 | 105.8 | 88.9 | 106.5 | 98.6 | 109.0 | 109.4 | 91.3 |
| | Sep | 103.3 | 110.2 | 97.5 | 109.6 | 115.6 | 103.5 | 104.8 | 106.6 | 99.0 | 107.5 | 110.1 | 103.0 |
| | Oct | 87.5 | 83.3 | 91.1 | 108.3 | 111.7 | 105.7 | 100.4 | 107.1 | 97.6 | 109.8 | 110.7 | 90.9 |
| | Nov | 81.8 | 85.6 | 78.7 | 111.6 | 120.2 | 105.5 | 87.5 | 102.6 | 95.7 | 110.3 | 102.4 | 95.1 |
| | Dec | 82.7 | 97.2 | 70.4 | 116.9 | 119.6 | 119.3 | 81.7 | 100.0 | 88.3 | 116.3 | 98.3 | 88.2 |
| 2009 | Jan * | 60.9 | 62.0 | 60.0 | 96.6 | 102.3 | 94.5 | 68.1 | 87.1 | 71.4 | 104.8 | 86.6 | 71.4 |

* Preliminary

TABLE 3 : MANUFACTURING SECTOR GROWTH

| Period | INDEX (2007 = 100) | SA INDEX | SA MOM GROWTH (%) | YOY INDEX GROWTH (%) | 3MMA YOY INDEX GROWTH (%) |
|-----------|-------------------------|----------|----------------------|-------------------------|------------------------------|
| 2007 Jan | 93.0 | 95.7 | -2.4 | 15.5 | 12.2 |
| Feb | 87.1 | 102.9 | 7.5 | 5.3 | 8.6 |
| Mar | 99.0 | 96.5 | -6.2 | 0.0 | 6.4 |
| Apr | 96.9 | 100.8 | 4.5 | 22.0 | 8.4 |
| May | 98.8 | 103.8 | 3.0 | 16.6 | 12.0 |
| Jun | 95.9 | 92.1 | -11.3 | -10.6 | 7.4 |
| Jul | 119.5 | 119.2 | 29.4 | 24.9 | 9.2 |
| Aug | 103.6 | 104.0 | -12.8 | 14.7 | 8.8 |
| Sep | 99.9 | 94.9 | -8.7 | -3.0 | 11.8 |
| Oct | 103.5 | 98.3 | 3.6 | 3.4 | 4.6 |
| Nov | 101.8 | 98.5 | 0.2 | -2.9 | -0.9 |
| Dec | 101.1 | 94.6 | -4.0 | -4.0 | -1.2 |
| 2008 Jan | 100.7 | 104.2 | 10.1 | 8.3 | 0.3 |
| Feb | 96.0 | 107.7 | 3.4 | 10.2 | 4.6 |
| Mar | 116.6 | 109.9 | 2.0 | 17.8 | 12.3 |
| Apr | 91.6 | 96.7 | -12.0 | -5.5 | 7.5 |
| May | 85.5 | 91.8 | -5.1 | -13.5 | -0.3 |
| Jun | 98.1 | 93.6 | 2.0 | 2.3 | -5.7 |
| Jul | 93.2 | 93.5 | -0.1 | -22.0 | -11.8 |
| Aug | 91.3 | 92.1 | -1.5 | -11.9 | -11.4 |
| Sep | 103.0 | 96.7 | 5.0 | 3.1 | -11.0 |
| Oct | 90.9 | 88.2 | -8.8 | -12.2 | -7.0 |
| Nov | 95.1 | 92.4 | 4.8 | -6.6 | -5.3 |
| Dec | 88.2 | 85.4 | -7.6 | -12.8 | -10.5 |
| 2009 Jan* | 71.4 | 81.6 | -4.4 | -29.1 | -16.1 |

Note:

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