

**Table 4. Volume of Net Sales, Year-on-Year and Month-on-Month Growth Rates for Manufacturing Sector
January 2002 - October 2003
(1994=100)**

| Year and Month | TOTAL MANUFACTURING | | FOOD MANUFACTURING | | BEVERAGE | |
|----------------|------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | -0.9 | 1.4 | -0.1 | 0.8 | -12.9 | 1.1 |
| January | -5.4 | -8.9 | -13.8 | -24.1 | -34.2 | -40.7 |
| February | -8.1 | 1.5 | -10.8 | 7.9 | -29.4 | 0.7 |
| March | -8.2 | 9.0 | -5.5 | 8.8 | -27.0 | 35.6 |
| April | 2.4 | 1.1 | 3.7 | -2.1 | -21.0 | -3.7 |
| May | 1.6 | 8.7 | -1.3 | -0.4 | 0.5 | 18.3 |
| June | -0.6 | -2.3 | -6.5 | 4.8 | -2.8 | 4.8 |
| July | 0.5 | -3.2 | -2.5 | -7.7 | -0.3 | -25.0 |
| August | -8.7 | -1.6 | -11.0 | 10.6 | -9.0 | -3.7 |
| September | 5.4 | 7.8 | 28.3 | 13.8 | -7.8 | 22.0 |
| October | 1.2 | -1.7 | 13.5 | -0.4 | -7.8 | -14.8 |
| November | 1.3 | -0.2 | -1.0 | -2.6 | -4.0 | 7.9 |
| December | 8.1 | 6.4 | 5.1 | 0.3 | -12.7 | 11.6 |
| 2003 | | | | | | |
| January | 6.9 | -10.3 | 13.1 | -18.0 | 4.6 | -29.0 |
| February | 4.0 | -0.8 | 9.3 | 4.5 | 11.2 | 7.0 |
| March | 12.8 | 18.4 | 6.5 | 6.2 | 7.3 | 30.8 |
| April | -5.3 | -13.7 | -2.9 | -10.8 | 2.5 | -8.0 |
| May | -4.2 | 10.0 | 7.0 | 9.9 | -4.9 | 9.7 |
| June | -1.7 | -0.6 | 4.9 | 2.9 | -9.5 | -0.2 |
| July | 1.4 | 0.8 | 6.7 | -5.9 | -8.3 | -24.0 |
| August | 9.3r | 4.9r | -1.0r | 2.6r | -4.6r | 0.2r |
| September | -0.4r | -1.9r | -15.6r | -2.8r | -11.2r | 13.6r |
| October | 1.1 | 0.2 | -11.6 | 4.2 | 2.8 | -1.3 |

Table 4. (continued)

| Year and Month | TOBACCO | | TEXTILE | | FOOTWEAR AND WEARING APPAREL | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|------------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | -0.6 | 1.0 | 19.6 | 2.3 | -4.8 | 1.7 |
| January | 5.3 | 24.2 | -0.9 | 2.2 | 11.2 | -33.0 |
| February | -4.6 | -4.3 | -5.5 | 5.8 | -26.4 | -3.1 |
| March | -12.2 | 0.8 | 2.9 | 10.4 | -27.3 | -5.9 |
| April | 3.1 | 7.9 | 29.7 | -0.9 | -1.6 | 8.5 |
| May | -3.0 | 8.5 | 10.4 | 0.2 | -8.1 | 15.3 |
| June | -6.6 | -3.4 | 18.6 | 8.4 | -18.4 | -11.1 |
| July | -5.6 | 0.7 | 26.0 | -0.2 | -6.4 | 3.8 |
| August | -27.0 | -2.5 | 32.6 | 10.5 | -10.0 | 10.8 |
| September | 13.1 | -2.6 | 23.8 | 1.7 | 14.1 | 14.8 |
| October | 19.8 | -2.1 | 39.0 | 0.6 | 10.5 | -12.0 |
| November | 2.2 | -2.7 | 30.0 | -7.5 | -1.8 | 4.6 |
| December | 7.9 | -12.5 | 29.2 | -3.8 | 6.0 | 28.1 |
| 2003 | | | | | | |
| January | -26.4 | -15.3 | 15.6 | -11.7 | 0.8 | -36.4 |
| February | -35.5 | -16.1 | 43.9 | 26.7 | 9.7 | 4.7 |
| March | -27.8 | 12.8 | 25.7 | 2.2 | -1.0 | -14.5 |
| April | -35.5 | -3.6 | -2.9 | -22.5 | 12.8 | 22.7 |
| May | -32.7 | 13.2 | 18.7 | 20.9 | 14.4 | 16.4 |
| June | -33.6 | -4.6 | 7.2 | -1.7 | 19.0 | -7.8 |
| July | -38.5 | -6.7 | 24.7 | 17.4 | -0.3 | -12.2 |
| August | -31.0 | 9.3 | 18.1 | 4.8 | -17.9 | -8.6 |
| September | -41.3r | -17.3r | 13.2r | -2.7r | -33.9r | -6.9r |
| October | -33.6 | 10.7 | 5.9 | -5.7 | -27.1 | -3.8 |

Table 4. (continued)

| Year and Month | WOOD AND WOOD PRODUCTS | | FURNITURE AND FIXTURES | | PAPER AND PAPER PRODUCTS | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | -9.8 | 3.3 | 12.4 | 3.1 | -13.4 | 0.0 |
| January | -19.4 | -8.1 | -13.0 | 17.4 | -27.0 | -1.1 |
| February | -16.3 | 11.1 | -2.8 | 10.7 | -34.8 | -5.1 |
| March | -1.0 | 22.5 | 18.0 | 24.3 | -34.2 | 4.7 |
| April | -20.1 | -8.9 | 10.0 | -9.8 | -11.0 | 9.7 |
| May | 0.6 | 18.9 | -8.5 | -7.0 | -3.7 | 7.1 |
| June | 0.1 | -6.5 | 17.2 | 9.4 | -11.3 | -5.1 |
| July | -11.8 | -5.1 | 6.7 | -8.6 | -12.8 | -1.2 |
| August | -25.5 | -12.0 | 6.4 | 3.6 | -9.4 | -5.0 |
| September | -15.1 | 2.9 | 19.1 | 7.5 | -7.0 | 3.1 |
| October | -22.6 | -8.9 | -1.4 | -10.3 | -8.3 | -2.6 |
| November | -19.4 | 1.5 | 64.8 | 10.8 | 0.5 | -4.5 |
| December | 32.6 | 31.7 | 32.8 | -11.2 | -2.0 | -0.7 |
| 2003 | | | | | | |
| January | 58.7 | -7.4 | 14.3 | 0.8 | -11.6 | -10.8 |
| February | 43.8 | 7.0 | 16.4 | 9.8 | -9.0 | -3.5 |
| March | 74.4 | 25.0 | 13.2 | 21.4 | 2.9 | 18.3 |
| April | 40.0 | -20.2 | -10.1 | -29.0 | -22.6 | -17.4 |
| May | 12.6 | 6.7 | 10.9 | 14.0 | -20.0 | 10.7 |
| June | 24.0 | 4.4 | -6.0 | -4.8 | -15.0 | 0.8 |
| July | 35.7 | 2.1 | 9.3 | 4.1 | -16.3 | -2.8 |
| August | 50.7 | -7.2 | -5.3 | -9.9 | -16.9 | -5.6 |
| September | 13.4r | -16.5r | -11.8r | 1.6r | -20.9r | -1.9r |
| October | 28.9 | 3.1 | 14.3 | 16.6 | -19.3 | -0.6 |

Table 4. (continued)

| Year and Month | PUBLISHING AND PRINTING | | LEATHER PRODUCTS | | RUBBER PRODUCTS | |
|----------------|------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | -18.9 | 1.0 | 15.7 | 17.2 | 15.7 | 1.5 |
| January | -13.9 | -10.9 | -18.2 | 207.5 | 12.2 | 26.6 |
| February | -32.2 | -16.2 | 13.9 | -42.5 | 0.7 | 1.1 |
| March | -36.4 | 9.7 | -24.1 | 58.7 | -11.4 | -12.2 |
| April | -16.2 | 7.5 | -60.7 | -44.8 | 23.3 | 8.2 |
| May | -25.6 | 32.5 | -32.0 | 45.0 | 19.6 | 4.0 |
| June | -10.8 | -1.5 | -27.2 | 23.6 | 15.9 | 0.4 |
| July | -36.8 | 0.8 | -27.0 | 31.6 | 21.2 | -2.9 |
| August | -24.4 | 13.4 | 64.1 | 34.3 | 33.6 | 19.4 |
| September | -4.3 | -16.7 | 53.0 | -4.6 | 8.8 | -20.3 |
| October | -8.7 | 2.3 | 149.3 | -22.1 | 50.9 | 19.6 |
| November | -16.1 | -9.2 | 72.6 | -53.5 | 7.8 | -16.7 |
| December | -0.9 | 0.2 | 24.1 | -26.9 | 6.1 | -9.3 |
| 2003 | | | | | | |
| January | 28.7 | 8.3 | -41.0 | 46.3 | -25.8 | -11.4 |
| February | 34.7 | -8.8 | -22.9 | -22.1 | 23.8 | 68.6 |
| March | 50.7 | 22.8 | -33.6 | 25.1 | 18.4 | -16.0 |
| April | 5.0 | -25.1 | 66.6 | 39.4 | 10.3 | 0.8 |
| May | 10.0 | 38.8 | -16.3 | -25.4 | -5.7 | -11.1 |
| June | -1.1 | -11.4 | 9.4 | 56.2 | -3.2 | 3.1 |
| July | 29.5 | 31.9 | -19.6 | -1.4 | -1.2 | -0.8 |
| August | 13.3 | -0.9 | -49.5 | -17.2 | -18.3 | -1.3 |
| September | 28.9r | -5.2r | -100.0 | -95.7 | -4.7r | -7.0r |
| October | 27.8 | 1.4 | -100.0 | 17.0 | -6.5 | 17.3 |

Table 4. (continued)

| Year and Month | CHEMICAL PRODUCTS | | PETROLEUM PRODUCTS | | NONMETALLIC MINERAL PRODUCTS | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|------------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | -8.8 | -0.6 | -4.9 | 0.1 | -6.2 | 1.4 |
| January | -9.0 | -14.8 | -12.7 | -8.1 | -17.7 | 0.7 |
| February | -7.4 | 3.2 | -14.4 | -7.6 | -10.2 | 4.2 |
| March | -7.2 | 13.7 | -20.6 | 6.1 | -14.6 | 17.7 |
| April | -15.3 | -22.9 | 2.5 | 15.0 | -12.4 | -7.5 |
| May | -13.9 | 15.0 | 18.9 | 6.8 | -1.3 | 19.0 |
| June | -16.6 | 1.9 | -8.8 | -4.9 | 0.5 | -10.1 |
| July | -10.1 | 2.3 | 4.1 | -2.7 | -9.2 | -24.9 |
| August | -4.7 | -0.5 | -16.0 | -7.7 | -4.7 | 10.9 |
| September | -4.4 | 3.9 | -6.0 | 8.2 | 1.0 | 3.0 |
| October | -0.4 | 1.4 | -9.2 | -1.2 | -6.8 | 8.8 |
| November | -3.8 | -2.3 | 5.7 | -2.7 | -0.7 | 1.1 |
| December | -12.5 | -7.5 | -1.6 | 0.2 | 1.9 | -6.2 |
| 2003 | | | | | | |
| January | 1.1 | -8.4 | 25.7 | 17.4 | 24.6 | 14.1 |
| February | -8.2 | -4.4 | 12.9 | -17.0 | 28.4 | 8.2 |
| March | -4.9 | 15.7 | 28.3 | 20.5 | 12.5 | 2.7 |
| April | -2.2 | -13.2 | 9.2 | -2.1 | 13.7 | -6.3 |
| May | -8.7 | 6.5 | 4.9 | 2.6 | -12.6 | -8.3 |
| June | 1.0 | 8.9 | 5.4 | -4.4 | -6.3 | -2.9 |
| July | -5.9 | -1.7 | 6.0 | -2.1 | 23.0 | -0.2 |
| August | -8.4 | -5.8r | 15.4 | 0.5 | 15.7 | 3.3 |
| September | -6.8r | 6.8r | 5.9 | -0.7 | 2.3r | -9.5r |
| October | -14.4 | -5.1 | 7.7 | 0.4 | 10.9 | 17.9 |

Table 4. (continued)

| Year and Month | GLASS AND GLASS PRODUCTS f/ | | CEMENT f/ | | MISC. NONMETALLIC MIN'L PROD f/ | |
|----------------|-----------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | 0.1 | 2.0 | 2.1 | 3.7 | -29.4 | 10.3 |
| January | -11.8 | 8.8 | -11.3 | 3.8 | -41.0 | -1.4 |
| February | -18.7 | -11.6 | 6.7 | 9.4 | -42.5 | 9.7 |
| March | -9.2 | 16.8 | -3.7 | 21.3 | -45.0 | -2.4 |
| April | -4.6 | -6.1 | -3.3 | -7.0 | -41.1 | -14.1 |
| May | 7.1 | 25.3 | 12.7 | 19.3 | -49.1 | -2.6 |
| June | 7.1 | -0.8 | 14.2 | -11.1 | -53.9 | -32.9 |
| July | 2.9 | -6.2 | -3.2 | -32.8 | -41.0 | 14.9 |
| August | -3.7 | -6.4 | 6.3 | 17.1 | -34.7 | 25.7 |
| September | 14.1 | 8.2 | 10.5 | 3.7 | -36.5 | -5.1 |
| October | 5.2 | 5.1 | 1.7 | 12.1 | -42.3 | -7.2 |
| November | -5.3 | 7.2 | -16.8 | -27.5 | 113.5 | 213.4 |
| December | 17.5 | -16.3 | 11.9 | 36.3 | -38.9 | -74.1 |
| 2003 | | | | | | |
| January | 15.4 | 6.8 | 34.9 | 14.0 | -0.3 | 28.9 |
| February | 38.9 | 6.4 | 35.3 | 10.1 | -8.7 | 9.2 |
| March | 32.6 | 11.5 | 8.1 | -3.1 | 18.6 | 15.8 |
| April | 37.3 | -2.8 | 8.7 | -7.1 | 12.2 | -9.3 |
| May | 2.9 | -6.1 | -18.5 | -10.4 | 12.2 | -0.7 |
| June | 1.8 | -1.9 | -11.3 | -2.5 | 51.0 | -6.3 |
| July | -5.0 | -12.4 | 36.7 | 4.9 | 11.7 | -10.7 |
| August | -2.3 | -3.7 | 26.2 | 6.3 | -15.6 | -1.3 |
| September | -5.3 | 4.9 | 4.6 | -14.6 | -3.9r | 5.8r |
| October | 1.8 | 12.9 | 11.8 | 19.5 | 19.0 | 17.0 |

f/ - Subsector of nonmetallic mineral products

Table 4. (continued)

| Year and Month | BASIC METALS | | IRON AND STEEL g/ | | NONFERROUS METALS g/ | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | 3.5 | 5.4 | 12.1 | 3.8 | 9.2 | 17.0 |
| January | 29.6 | -9.7 | 2.7 | 37.5 | 63.2 | -25.5 |
| February | -14.9 | 3.1 | -5.4 | -10.8 | -14.7 | 14.2 |
| March | -14.5 | -7.5 | -4.3 | 6.1 | -16.8 | -16.1 |
| April | 37.7 | 46.5 | 17.2 | 3.9 | 60.1 | 86.2 |
| May | 38.2 | -10.6 | 21.6 | 12.8 | 65.6 | -20.2 |
| June | 27.8 | -23.5 | 8.6 | -9.1 | 58.7 | -33.4 |
| July | -2.8 | 16.1 | -0.2 | -14.0 | 1.5 | 43.6 |
| August | -0.2 | -12.5 | 10.1 | 2.1 | -0.6 | -19.6 |
| September | -18.7 | -19.6 | 8.1 | -5.6 | -28.2 | -28.9 |
| October | -10.5 | 15.9 | 21.5 | 15.6 | -20.5 | 16.1 |
| November | -38.4 | -33.8 | 24.0 | -8.8 | -63.5 | -53.9 |
| December | 8.5 | 100.1 | 41.1 | 16.3 | 6.2 | 241.7 |
| 2003 | | | | | | |
| January | 2.3 | -16.0 | -12.1 | -17.1 | 22.3 | -14.1 |
| February | -16.6 | -17.3 | 17.2 | 13.7 | -31.2 | -36.0 |
| March | 65.1 | 83.3 | 12.5 | 2.6 | 129.5 | 181.0 |
| April | -25.2 | -33.2 | -11.5 | -18.5 | -26.1 | -40.1 |
| May | -17.6 | -1.1 | -18.7 | 5.9 | -12.9 | -5.9 |
| June | 24.4 | 17.0 | -10.5 | 3.5 | 64.6 | 25.8 |
| July | 27.8 | 19.3 | 64.5 | 57.8 | 12.5 | -1.9 |
| August | 42.2 | -2.8 | 11.1 | -31.1 | 71.3 | 22.4 |
| September | 59.3r | -9.8r | 38.1r | 17.5r | 83.5r | -23.8r |
| October | 78.5 | 29.9 | 20.7 | 1.1 | 139.5 | 51.6 |

g/ - Subsector of basic metals

Table 4. (continued)

| Year and Month | FABRICATED METAL PRODUCTS | | MACHINERY, EXCLUDING ELECTRICAL | | ELECTRICAL MACHINERY | |
|----------------|---------------------------|-----------------------------|---------------------------------|-----------------------------|---------------------------|-----------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | 27.1 | 4.6 | 6.1 | 4.0 | 6.0 | 2.2 |
| January | -2.8 | 24.3 | -31.0 | 13.1 | 15.9 | 1.8 |
| February | 13.0 | 0.6 | -17.5 | 2.6 | 2.8 | 0.4 |
| March | 25.2 | 6.0 | -35.2 | -14.4 | -6.9 | 14.9 |
| April | 64.5 | 11.9 | -3.9 | 15.2 | 8.0 | -10.9 |
| May | 45.2 | 7.7 | -42.8 | -8.0 | 9.1 | 18.3 |
| June | 25.8 | 6.9 | -20.6 | 2.2 | 13.0 | -5.1 |
| July | 16.8 | -13.0 | -34.3 | -4.8 | 21.0 | -1.3 |
| August | 16.9 | 2.7 | 27.4 | 12.2 | -18.3 | -26.1 |
| September | 28.5 | 5.6 | 45.1 | 18.6 | 0.8 | 24.3 |
| October | 24.4 | -13.1 | 64.7 | 13.9 | -22.4 | -15.8 |
| November | 11.7 | 7.5 | 68.6 | 5.6 | 18.4 | 26.9 |
| December | 55.7 | 8.0 | 52.2 | -8.4 | 31.1 | -1.1 |
| 2003 | | | | | | |
| January | 3.9 | -20.5 | 10.8 | -16.6 | -6.9 | -16.0 |
| February | 9.7 | 6.3 | 21.4 | 12.4 | -10.2 | -2.4 |
| March | 19.6 | 15.5 | 67.5 | 18.1 | -1.5 | 25.8 |
| April | -4.6 | -10.8 | 41.9 | -2.4 | -31.3 | -36.8 |
| May | -17.7 | -7.1 | 67.5 | 8.6 | -28.6 | 21.9 |
| June | -19.7 | 4.2 | 64.3 | 0.2 | -34.1 | -12.0 |
| July | 11.0 | 20.2 | 68.5 | -2.4 | -23.3 | 14.1 |
| August | -7.5 | -14.4 | 62.7 | 8.3 | 51.4r | 45.3r |
| September | -7.3r | 5.8r | 30.8 | -4.6 | 14.2r | -6.5r |
| October | -2.6 | -8.7 | 13.8 | -0.8 | 8.3 | -19.9 |

Table 4. (concluded)

| Year and Month | TRANSPORT EQUIPMENT | | MISCELLANEOUS MANUFACTURES | |
|----------------|------------------------------|--------------------------------|------------------------------|--------------------------------|
| | Year-on-Year Growth Rates | Month-on-Month Growth Rates | Year-on-Year Growth Rates | Month-on-Month Growth Rates |
| 2002 | 5.8 | 2.2 | -2.9 | 0.5 |
| January | 1.7 | 18.8 | -29.5 | -2.6 |
| February | 8.1 | 3.2 | -1.9 | 16.2 |
| March | 8.3 | 2.5 | -20.6 | -0.7 |
| April | 22.6 | -2.3 | 12.1 | 11.8 |
| May | 24.0 | 15.8 | 7.7 | -1.8 |
| June | 8.3 | -5.1 | -5.2 | -6.6 |
| July | 3.3 | -0.3 | -0.8 | 6.3 |
| August | -13.8 | 0.7 | 0.2 | -2.0 |
| September | -5.6 | -6.9 | 3.4 | 6.0 |
| October | 2.5 | 9.6 | -5.7 | -5.5 |
| November | -11.8 | -6.6 | 3.0 | -4.5 |
| December | 22.0 | -3.3 | 2.7 | -10.7 |
| 2003 | | | | |
| January | -8.6 | -12.6 | 23.1 | 16.8 |
| February | -1.7 | 10.6 | -4.0 | -9.5 |
| March | 9.1 | 13.2 | 2.7 | 6.3 |
| April | -12.5 | -21.3 | -9.3 | -1.3 |
| May | -7.3 | 22.8 | -4.0 | 3.9 |
| June | -10.2 | -12.0 | 4.4 | 1.5 |
| July | -8.9 | 5.6 | 3.6 | 5.5 |
| August | -7.0 | -0.5 | 6.0 | 0.4 |
| September | 1.6r | 2.5r | 6.0 | 6.0 |
| October | -11.8 | -2.7 | 6.8 | -4.8 |

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

Source: Monthly Integrated Survey of Selected Industries (MISSI)
 Industry Statistics Division
 Industry and Trade Statistics Department
 National Statistics Office
 Republic of the Philippines