

**Table 4. Volume of Net Sales, Year-on-Year and Month-on-Month Growth Rates for Manufacturing Sector  
January 2002 - December 2003**

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
<b>2002</b>	<b>-0.9</b>	<b>1.4</b>	<b>-0.1</b>	<b>0.8</b>	<b>-12.9</b>	<b>1.1</b>
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
<b>2003</b>	<b>2.1</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>	<b>-0.4</b>	<b>1.7</b>
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	9.3	4.9	-1.0	2.6	-4.6	0.2
September	-0.6	-2.2	-17.0	-4.4	-11.2	13.6
October	1/	-0.5r	-13.2r	4.1r	2.9	-1.3
November	0.4r	-2.0r	-9.2r	2.5r	0.6r	5.6r
December	-0.3	6.9	5.3	16.5	5.0	16.5

1/ - Less than 0.1 percent decrease.

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
<b>2002</b>	<b>-0.6</b>	<b>1.0</b>	<b>19.6</b>	<b>2.3</b>	<b>-4.8</b>	<b>1.7</b>
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
<b>2003</b>	<b>-31.0</b>	<b>0.2</b>	<b>14.0</b>	<b>0.3</b>	<b>-8.7</b>	<b>-3.2</b>
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	-41.3	-17.3	13.3	-2.6	-33.8	-6.8
October	-33.8	10.5	6.2r	-5.5r	-28.4r	-5.5r
November	-30.4	2.3	5.6r	-8.0r	-37.9r	-8.4r
December	-5.8	18.4	-7.9	-16.1	-42.3	18.3

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
<b>2002</b>	<b>-9.8</b>	<b>3.3</b>	<b>12.4</b>	<b>3.1</b>	<b>-13.4</b>	<b>0.0</b>
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
<b>2003</b>	<b>30.4</b>	<b>-0.9</b>	<b>1.1</b>	<b>1.0</b>	<b>-14.6</b>	<b>-1.3</b>
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	13.4	-16.5	-11.8	1.6	-20.9	-1.9
October	34.2	7.3	13.9r	16.1r	-18.1r	0.8r
November	-1.2r	-10.1r	-27.1r	-28.9r	-9.9r	5.1r
December	-21.0	-1.5	-4.4	17.5	-17.7	-9.2

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
<b>2002</b>	<b>-18.9</b>	<b>1.0</b>	<b>15.7</b>	<b>17.2</b>	<b>15.7</b>	<b>1.5</b>
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
<b>2003</b>	<b>19.1</b>	<b>3.5</b>	<b>-42.2</b>	<b>-2.2</b>	<b>-0.1</b>	<b>2.0</b>
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	28.9	-5.2	-100.0	-95.7	-4.7	-7.0
October	-1.3r	-21.7r	-100.0	17.0	-6.0	18.0
November	7.9	-0.7r	-100.0	-14.7	9.2r	-3.2r
December	23.0	14.2	-100.0	-33.5	2.1	-15.3

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
<b>2002</b>	<b>-8.8</b>	<b>-0.6</b>	<b>-4.9</b>	<b>0.1</b>	<b>-6.2</b>	<b>1.4</b>
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
<b>2003</b>	<b>-6.2</b>	<b>0.2</b>	<b>11.8</b>	<b>1.7</b>	<b>11.5</b>	<b>0.7</b>
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	-5.8	15.4	0.5	15.7	3.3
September	-7.1	6.5	5.9	-0.7	4.8	-7.3
October	-14.7r	-5.2r	7.4	0.2	14.6	18.9
November	-15.3r	-3.2r	5.0r	-4.9r	15.9r	1.9r
December	-1.6	6.7	15.6	10.3	3.2	-16.1

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
<b>2002</b>	<b>0.1</b>	<b>2.0</b>	<b>2.1</b>	<b>3.7</b>	<b>-29.4</b>	<b>10.3</b>
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
<b>2003</b>	<b>7.6</b>	<b>-1.4</b>	<b>14.7</b>	<b>1.0</b>	<b>9.6</b>	<b>3.1</b>
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	8.3	-11.7	-3.9	5.8
October	1.8	12.9	17.1	20.9	19.4	17.4
November	-2.0	3.2	23.4r	2.9r	-14.8r	-8.9r
December	-24.6	-35.6	7.6	-11.8	32.8	-3.3

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
<b>2002</b>	<b>3.5</b>	<b>5.4</b>	<b>12.1</b>	<b>3.8</b>	<b>9.2</b>	<b>17.0</b>
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
<b>2003</b>	<b>32.3</b>	<b>4.9</b>	<b>14.0</b>	<b>3.5</b>	<b>68.2</b>	<b>11.8</b>
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	59.3	-9.8	38.2	17.5	83.5	-23.8
October	77.2r	29.0r	19.0r	-0.4r	139.5	51.6
November	129.1r	-14.5r	38.1r	10.2r	344.2r	-27.2r
December	19.7	4.6	20.6	-2.4	21.1	9.3

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
<b>2002</b>	<b>27.1</b>	<b>4.6</b>	<b>6.1</b>	<b>4.0</b>	<b>6.0</b>	<b>2.2</b>
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
<b>2003</b>	<b>1.9</b>	<b>2.6</b>	<b>40.0</b>	<b>1.5</b>	<b>-9.0</b>	<b>0.2</b>
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	51.4	45.3
September	-5.7	7.6	30.8	-4.6	14.2	-6.5
October	4.2r	-4.0r	13.8	-0.8	4.3r	-22.8r
November	6.6r	10.0r	17.3	8.8	-17.9r	1/
December	22.6	24.3	13.3	-11.5	-24.0	-8.1

1/ - Less than 0.1 percent decrease.

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
<b>2002</b>	<b>5.8</b>	<b>2.2</b>	<b>-2.9</b>	<b>0.5</b>
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
<b>2003</b>	<b>-5.8</b>	<b>0.8</b>	<b>4.4</b>	<b>1.1</b>
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	1.0	1.8	6.0	6.0
October	-13.8r	-4.2r	12.5r	0.3r
November	-11.3r	-3.9r	1.9r	-13.5r
December	1.2	10.3	10.1	-3.5

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