

Table 4. Volume of Net Sales, Year-on-Year and Month-on-Month Growth Rates for Manufacturing Sector
 January 2001 - December 2002
 (1994=100)

Year/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
2001	-3.5	0.3	7.5	0.1	-6.8	0.4
January	-4.0	-11.5	23.2	-20.6	-5.0	-21.4
February	2.8	5.8	21.0	5.8	-6.8	-6.1
March	1.1	10.3	10.0	3.2	1.7	31.1
April	-1.8	-14.7	9.8	-12.2	-4.1	-11.0
May	-9.1	8.0	0.4	4.6	-8.6	-7.0
June	-0.5	4.6	6.3	11.1	4.7	8.3
July	-2.8	-3.7	0.4	-12.8	-9.7	-26.9
August	0.3	7.8	18.4	24.1	-19.9	5.6
September	-5.8	-5.4	-3.3	-20.3	-2.3	20.3
October	-8.4	2.8	3.5	10.7	-18.3	-14.7
November	-6.2	1.2	10.2	12.4	-0.9	3.6
December	-7.9	-1.1	-9.9	-5.0	-12.7	22.7
2002	-1.0	1.2	0.5	1.3	-13.0	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	-1.6r	-11.0r	10.6r	-9.0	-3.7
September	5.4	7.8r	28.3r	13.8r	-7.8	22.0
October	1.2r	-1.6r	13.5r	-0.4r	-7.8r	-14.8r
November	1.7r	2.2r	-1.0r	-3.3r	-4.5r	7.4r
December	6.1	2.1	12.9	8.0	-12.3	12.6

Table 4. (continued)

Year/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
2001	-0.7	-0.9	-7.6	-0.5	-18.5	1.7
January	-37.4	-11.0	6.4	-9.0	-25.5	-49.4
February	19.0	5.6	4.4	11.0	23.1	46.1
March	14.2	9.6	8.2	1.3	-11.8	-5.0
April	1.7	-8.2	-12.7	-21.4	-24.9	-19.7
May	6.9	15.3	-3.5	17.7	-18.2	23.2
June	12.8	0.3	-9.7	1.0	-22.1	0.9
July	14.7	-0.4	-21.3	-6.0	-31.9	-9.9
August	39.3	26.1	-19.4	5.0	-18.6	15.7
September	-5.7	-37.1	-16.4	8.9	-21.9	-9.8
October	-27.9	-7.6	-16.2	-10.3	-35.5	-9.3
November	-22.0	14.1	1.1	-1.0	-18.3	17.4
December	-24.5	-17.1	-11.7	-3.2	-15.9	19.8
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	-10.0r	10.8r
September	13.1	-2.6	23.8	1.7	14.1r	14.8r
October	19.8r	-2.1r	39.0r	0.6r	10.5r	-12.0r
November	2.2r	-2.7r	30.0r	-7.5r	-1.6r	4.7r
December	7.9	-12.5	29.0	-3.9	6.0	27.9

Table 4. (continued)

Year/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
2001	2.4	-1.0	-21.4	-2.6	-13.8	-2.7
January	20.3	-2.5	-17.2	-6.8	9.6	-6.1
February	3.9	-2.3	-9.5	-1.3	10.4	6.1
March	-16.6	4.3	-18.0	2.5	-2.4	3.8
April	12.3	8.4	-3.7	-3.1	-1.6	-18.8
May	-4.2	-1.9	9.2	11.8	-14.7	-1.0
June	-1.9	-7.0	-30.2	-14.5	-18.0	3.0
July	2.4	4.1	-26.8	0.4	-11.9	0.4
August	4.3	-1.4	-32.9	4.0	-19.2	-8.6
September	-6.0	-6.1	-32.7	-4.0	-24.7	0.5
October	10.3	0.3	-27.3	8.3	-27.3	-1.2
November	18.5	12.5	-36.9	-20.4	-34.7	-12.9
December	-15.0	-19.9	-31.0	-8.3	-30.7	1.8
2002	-13.2	0.9	10.6	3.2	-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	-22.6r	-8.9r	-1.4r	-10.3r	-8.3r	-2.6r
November	-19.1r	15.9r	41.6r	14.3r	0.5r	-4.5r
December	-8.6	-10.9	33.9	-13.3	-2.0	-0.7

Table 4. (continued)

Year/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
2001	-24.2	1.2	27.5	1.8	-20.8	3.5
January	-27.4	-6.5	172.4	26.0	-27.7	46.4
February	-30.7	-5.8	-66.6	-58.7	-12.1	12.7
March	-22.2	26.2	15.8	138.0	-24.4	-0.3
April	-39.4	-14.1	123.5	6.8	-38.5	-22.2
May	-22.6	27.4	1.5	-16.3	-30.8	7.2
June	-27.6	-3.5	0.3	15.5	-21.0	3.6
July	-15.6	40.5	206.1	31.2	-24.8	-7.1
August	-13.7	-2.5	50.9	-40.2	-22.4	8.3
September	-34.2	-36.8	3.3	2.3	-22.5	-2.2
October	-24.9	7.9	-61.0	-52.2	-36.8	-13.8
November	-22.0	-6.7	-49.4	-32.8	-17.9	16.7
December	-9.5	-11.6	-66.5	1.6	29.7	-7.9
2002	-17.9	0.9	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	50.9r	19.6r
November	-3.4r	0.6r	72.6	-53.5	8.3r	-16.3r
December	-2.0	-10.3	24.1	-26.9	6.0	-9.8

Table 4. (continued)

Year/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
2001	-13.2	-0.5	-1.8	0.3	-0.9	2.0
January	-9.7	-17.0	1.0	-0.5	-13.1	38.6
February	-14.8	-1.2	-5.2	-5.7	-7.5	-7.2
March	-11.4	14.2	2.0	14.3	5.5	16.4
April	-18.1	-16.7	-1.8	-10.9	0.9	-8.2
May	-13.0	18.8	-8.9	-7.9	4.6	4.6
June	-5.1	4.9	-3.4	24.0	-16.2	-11.5
July	-8.4	-4.9	-2.1	-14.8	-21.6	-14.1
August	-17.6	-6.2	13.4	14.4	-15.6	3.5
September	-14.7	3.2	3.3	-3.3	-3.3	-2.9
October	-17.3	-3.3	-2.1	2.2	21.9	19.4
November	-15.9	0.7	-12.5	-16.5	20.8	-3.8
December	-12.1	1.7	-5.4	7.6	13.3	-10.2
2002	-8.3	0.0	-4.9	0.1	-6.0	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	-0.4r	1.4r	-9.2	-1.2	-6.8r	8.8r
November	-3.8r	-2.3r	5.7	-2.7	1.3r	2.9r
December	-6.7	-1.2	-1.6	0.2	2.0	-7.8

Table 4. (continued)

Year/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
2001	-20.2	2.1	-8.1	1.1	391.2	43.9
January	-28.4	34.6	-24.4	18.9	481.6	567.6
February	-27.5	-4.1	-19.6	-12.0	560.7	12.4
March	-32.4	4.6	2.5	24.0	529.1	2.2
April	-29.0	-10.6	-2.8	-5.2	402.3	-19.9
May	-22.4	11.6	-4.5	1.2	497.6	12.7
June	-30.2	-0.8	-25.0	-12.3	322.2	-25.9
July	-35.8	-2.3	-24.1	-19.0	205.7	-10.1
August	-23.4	0.0	-27.2	3.1	338.1	13.6
September	-30.2	-8.6	-6.0	-0.6	359.9	-2.5
October	-17.9	13.9	25.8	24.3	390.7	2.1
November	25.7	19.1	6.8	-9.6	307.6	-15.3
December	9.2	-32.5	1.6	-0.2	299.2	-9.7
2002	0.3	2.1	4.6	2.9	-39.6	-1.7
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	1.7r	12.1r	-42.3	-7.2
November	-1.2	11.9	12.5r	-2.0r	-11.0	30.6
December	16.9	-20.2	11.9	0.8	-37.0	-36.1

f/ - Subsector of nonmetallic Mineral Products

Table 4. (continued)

Year/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
2001	-16.8	1.1	-25.0	-2.7	-7.6	8.7
January	-81.7	-51.4	-11.2	-7.0	-90.4	-7 2.0
February	1.6	57.0	-22.2	-3.3	18.9	11 8.8
March	-19.5	-8.0	-26.9	5.2	-14.4	-1 4.1
April	-1.2	-8.8	-26.3	-15.4	22.2	- 2.9
May	-40.2	-10.9	-30.5	8.9	-48.4	-2 2.9
June	-30.9	-17.4	-24.2	1.8	-37.6	-3 0.7
July	38.9	52.9	-16.7	-6.5	99.7	12 4.7
August	3.2	-15.4	-25.5	-7.4	24.6	-1 8.8
September	10.8	-0.9	-22.8	-3.9	33.5	- 0.8
October	-10.4	5.6	-28.3	3.1	-9.5	5.2
November	-42.2	-4.3	-34.9	-10.7	-52.2	- 0.9
December	-29.8	14.2	-30.5	2.2	-38.1	1 9.4
2002	4.2	0.3	10.6	2.2	10.9	3.1
January	29.6	-9.7	2.7	37.5	63.2	-2 5.5
February	-14.9	3.1	-5.4	-10.8	-14.7	1 4.2
March	-14.5	-7.5	-4.3	6.1	-16.8	-1 6.1
April	37.7	46.5	17.2	3.9	60.1	8 6.2
May	38.2	-10.6	21.6	12.8	65.6	-2 0.2
June	27.8	-23.5	8.6	-9.1	58.7	-3 3.4
July	-2.8	16.1	-0.2	-14.0	1.5	4 3.6
August	-0.2	-12.5	10.1	2.1	-0.6	-1 9.6
September	-18.7	-19.6	8.1	-5.6	-28.2	-2 8.9
October	-10.5r	15.9r	21.5r	15.6r	-20.5r	1 6.1r
November	-7.8r	-1.2r	29.2r	-4.9r	-18.2r	2.0r
December	-13.8	6.5	18.1	-6.5	-18.6	1 8.3

g/ - Subsector of Basic Metals

Table 4. (continued)

Year/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
2001	90.5	0.5	20.6	0.2	-18.9	0.2
January	136.7	17.7	63.8	20.6	-19.4	-21.2
February	79.1	-18.1	45.9	-13.8	-18.0	6.5
March	79.9	-4.6	36.7	6.0	-2.4	25.8
April	56.2	-13.8	21.0	-19.5	-14.2	-26.9
May	87.0	21.1	99.2	52.4	-41.0	17.8
June	92.2	24.1	47.8	-27.0	3.6	-7.0
July	71.8	-7.9	62.8	15.8	-24.3	-3.1
August	101.0	2.1	-25.5	-40.9	-24.4	3.2
September	91.3	-3.2	-24.8	2.3	-25.9	4.3
October	77.5	-8.3	-21.4	1.9	-28.8	11.4
November	93.2	18.4	-31.3	9.8	-22.3	1.5
December	120.0	-21.9	-26.4	-4.8	-10.2	-10.1
2002	26.7	4.3	5.1	4.0	2.8	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	24.4r	-13.1r	64.7	13.9	-22.4r	-15.1r
November	11.6r	7.5r	57.4r	5.6r	-1.0r	26.5r
December	51.1	5.0	52.2	-8.4	11.6	-1.0

Table 4. (concluded)

Year/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
2001	-5.4	-0.5	73.7	15.0
January	-13.6	2.0	19.1	204.2
February	-9.8	-2.9	81.3	-16.5
March	-12.4	-0.8	69.4	22.6
April	12.6	-13.6	50.2	-20.8
May	-16.2	15.3	82.2	2.2
June	-2.2	4.7	77.5	6.1
July	-11.3	8.2	73.8	1.7
August	0.8	16.6	69.1	-3.0
September	-5.4	-14.7	76.4	2.8
October	-4.1	4.6	95.5	3.7
November	10.2	-7.3	69.5	-12.7
December	-12.7	-18.4	120.0	-10.4
2002	7.1	2.3	-2.8	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	2.5r	9.6r	-5.7r	-5.5r
November	4.0r	-4.1r	3.0r	-4.5r
December	21.7	-3.9	3.3	-10.2

r - revised due to updating of late responding establishments

Growth rate for total manufacturing is based on the weighted growth rates of the different sectors/subsectors.

Growth rate for the sectors/subsectors is unweighted.

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