

**Table 2. Volume of Production Index (VoPI), Year-on-Year and Month-on-Month Growth Rates
for Manufacturing Sector: January 2003 - July 2004
(1994 = 100)**

Year and Month	TOTAL MANUFACTURING			FOOD MANUFACTURING		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	110.7	0.0		91.0	0.0	
January	105.7	3.1	-3.1	94.0	15.0	0.2
February	104.7	-1.1	-0.9	95.1	7.4	1.2
March	117.5	6.9	12.2	100.6	9.2	5.7
April	110.4	0.9	-6.0	85.1	-5.6	-15.4
May	114.0	3.1	3.2	91.8	9.9	8.0
June	113.6	-1.3	-0.3	93.9	5.8	2.2
July	113.7	4.0	0.1	87.2	3.8	-7.1
August	113.0	4.0	-0.5	88.8	-3.2	1.8
September	111.4	-3.2	-1.5	81.2	-16.4	-8.5
October	111.1	-5.1	-0.2	89.7	-13.5	10.4
November	106.3	-8.4	-4.4	93.9	-3.0	4.7
December	107.2	-1.8	0.8	90.8	-3.1	-3.2
2004						
January	104.2	-1.4	-2.7	83.9	-10.8	-7.7
February	104.4	-0.2	0.2	82.7	-13.0	-1.4
March	105.8	-10.0	1.3	87.0	-13.4	5.2
April	109.0	-1.3	3.1	81.5	-4.2	-6.4
May	110.5r	-3.0	1.4	85.8	-6.5	5.3
June	115.8r	2.0	4.8	80.5r	-14.2	-6.2
July	113.2	-0.4	-2.2	85.0	-2.6	5.5

Table 2 (continued)

Year and Month	BEVERAGE			TOBACCO		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	116.3	-1.4		54.0	-51.6	
January	105.5	13.5	-20.0	53.4	-54.2	-35.2
February	107.2	6.1	1.5	58.0	-40.4	8.6
March	122.4	-0.2	14.3	60.2	-41.2	3.7
April	111.8	-8.3	-8.7	42.8	-56.3	-28.8
May	135.1	10.6	20.9	59.9	-43.4	39.7
June	127.9	-3.3	-5.3	51.5	-67.7	-13.9
July	108.7	-9.5	-15.0	59.9	-61.9	16.3
August	97.3	-6.7	-10.5	69.1	-35.8	15.3
September	112.2	-16.4	15.3	44.3	-57.0	-35.8
October	118.1	5.1	5.3	49.0	-53.6	10.6
November	116.1	-2.6	-1.7	51.3	-50.6	4.5
December	133.2	1.0	14.7	48.1	-41.7	-6.2
2004						
January	121.9	15.5	-8.5	41.5	-22.4	-13.8
February	122.1	14.0	0.2	48.0	-17.3	15.8
March	153.9	25.7	26.0	47.4	-21.2	-1.2
April	148.5	32.9	-3.5	39.8	-7.1	-16.0
May	151.4	12.1	2.0	47.3	-21.0	18.8
June	155.1r	21.3	2.4	44.5	-13.6	-5.9
July	127.3	17.1	-17.9	45.9	-23.4	3.0

Table 2 (continued)

Year and Month	TEXTILE			FOOTWEAR AND WEARING APPAREL		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	96.5	17.6		37.5	-15.6	
January	81.8	26.5	0.6	37.9	12.4	-33.8
February	92.3	25.8	12.8	38.6	-8.7	1.9
March	96.4	22.4	4.5	35.7	2.7	-7.6
April	81.5	3.4	-15.5	40.7	8.8	14.1
May	101.1	31.6	24.0	40.4	-6.2	-0.8
June	96.2	15.4	-4.9	42.2	-0.8	4.4
July	100.4	19.5	4.4	44.1	-5.1	4.5
August	109.5	16.7	9.1	38.5	-20.6	-12.6
September	111.5	21.4	1.8	35.7	-29.9	-7.3
October	106.9	17.0	-4.1	32.9	-29.2	-7.7
November	96.7	11.5	-9.6	30.5	-38.5	-7.5
December	83.9	3.1	-13.2	32.7	-42.8	7.4
2004						
January	80.2	-2.1	-4.5	24.4	-35.7	-25.6
February	85.1	-7.8	6.2	24.5	-36.4	0.8
March	89.0	-7.7	4.6	29.8	-16.6	21.3
April	87.3	7.1	-1.9	25.5	-37.3	-14.3
May	90.5	-10.5	3.6	27.2	-32.6	6.6
June	90.8r	-5.6	0.4	25.4r	-39.8	-6.7
July	97.0	-3.3	6.8	27.4	-37.8	7.9

Table 2 (continued)

Year and Month	WOOD AND WOOD PRODUCTS			FURNITURE AND FIXTURES		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	126.6	62.5		57.2	1.7	
January	117.2	87.1	30.1	53.9	7.7	3.5
February	121.4	67.5	3.7	61.0	4.7	13.2
March	146.2	98.0	20.4	68.6	2.1	12.3
April	146.5	107.0	0.2	52.5	-4.0	-23.5
May	148.5	91.5	1.4	54.3	1.7	3.4
June	147.6	78.8	-0.6	56.3	-5.4	3.7
July	132.4	58.5	-10.3	59.1	13.3	5.0
August	125.3	49.8	-5.3	59.5	5.7	0.6
September	125.9	62.7	0.5	57.8	-1.2	-2.8
October	105.2	34.5	-16.5	64.1	14.9	10.8
November	89.2	8.0	-15.2	41.0	-27.3	-35.9
December	114.2	26.8	28.0	57.8	11.0	40.8
2004						
January	101.8	-13.1	-10.8	55.5	3.0	-3.9
February	121.3	-0.1	19.1	60.5	-1.0	8.9
March	112.6	-23.0	-7.2	79.4	15.7	31.3
April	129.8	-11.4	15.3	59.3	13.1	-25.2
May	134.6	-9.4	3.7	69.6r	28.2	17.3
June	138.2r	-6.4	2.7	72.2r	28.2	3.7
July	130.8	-1.3	-5.4	68.9	16.6	-4.5

Table 2 (continued)

Year and Month	PAPER AND PAPER PRODUCTS			PUBLISHING AND PRINTING		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	85.7	-7.2		180.2	10.0	
January	77.2	-18.5	-7.2	179.7	10.4	21.6
February	79.2	-7.1	2.6	155.3	8.2	-13.6
March	88.4	-3.8	11.6	172.6	16.2	11.1
April	90.9	-5.6	2.8	158.5	5.0	-8.1
May	93.2	-1.0	2.5	202.0	11.3	27.4
June	91.1	-5.7	-2.2	176.3	5.2	-12.7
July	84.8	-7.1	-6.9	172.8	1.7	-2.0
August	89.4	-4.3	5.5	187.5	7.7	8.5
September	76.8	-9.2	-14.1	174.8	-1.4	-6.7
October	80.8	-21.1	5.3	181.0	2.2	3.6
November	84.3	-11.2	4.3	186.7	14.2	3.1
December	92.5	11.1	9.8	214.7	45.3	15.0
2004						
January	91.2	18.1	-1.4	167.8	-6.6	-21.9
February	92.7	17.0	1.7	192.4	23.9	14.7
March	96.4	9.0	4.0	202.2	17.2	5.1
April	89.5	-1.5	-7.1	209.6	32.2	3.6
May	89.9r	-3.5	0.4	196.2r	-2.9	-6.4
June	98.9r	8.5	10.0	194.7r	10.4	-0.8
July	93.6	10.4	-5.3	204.1	18.1	4.9

Table 2 (continued)

Year and Month	LEATHER PRODUCTS			RUBBER PRODUCTS		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	25.9	-45.5		64.7	14.0	
January	38.6	-9.7	75.3	67.9	-0.1	41.1
February	23.7	38.1	-38.6	68.9	15.0	1.5
March	31.0	-30.1	30.9	71.2	32.1	3.3
April	38.6	36.2	24.5	63.0	11.5	-11.5
May	39.7	-13.1	2.8	63.1	8.6	0.1
June	38.0	-13.4	-4.3	59.0	9.3	-6.4
July	54.0	-32.0	42.0	65.3	19.7	10.7
August	38.4	-53.3	-28.9	66.0	9.5	1.1
September	2.4	-96.4	-93.8	57.6	-1.5	-12.8
October	1.9	-97.3	-21.4	68.9	12.2	19.8
November	1.7	-93.8	-7.5	66.6	41.0	-3.5
December	2.0	-90.7	17.7	58.4	21.2	-12.3
2004						
January	2.0	-94.8	-2.0	70.9	4.5	21.6
February	1.9	-92.0	-5.4	76.8	11.5	8.3
March	2.3	-92.5	22.3	80.2	12.7	4.4
April	2.6	-93.3	11.5	77.5	23.0	-3.4
May	4.0r	-89.9	55.6	84.1	33.3	8.5
June	5.1r	-86.6	26.9	83.9r	42.1	-0.3
July	4.3	-92.0	-15.0	84.0	28.5	0.1

Table 2 (continued)

Year and Month	CHEMICAL PRODUCTS			PETROLEUM PRODUCTS		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	117.2	-11.3		94.1	5.7	
January	110.3	-20.5	-7.2	86.4	5.8	6.4
February	106.7	-23.4	-3.3	79.9	10.2	-7.5
March	121.6	-16.3	14.1	100.8	34.2	26.1
April	116.1	-2.8	-4.5	103.6	8.3	2.8
May	115.9	-11.9	-0.2	104.6	19.3	1.0
June	125.4	0.9	8.2	93.4	-0.7	-10.7
July	125.5	-5.8	0.2	96.2	5.1	3.1
August	109.7	-21.0	-12.6	99.7	26.3	3.6
September	118.9	-7.4	8.4	112.4	3.2	12.7
October	116.4	-13.0	-2.1	99.0	-7.6	-11.9
November	115.3	-13.8	-0.9	77.4	-18.1	-21.8
December	124.6	4.9	8.0	76.0	-6.5	-1.8
2004						
January	106.1	-3.8	-14.8	78.1	-9.6	2.8
February	116.8	9.5	10.1	69.5	-13.1	-11.1
March	122.5	0.7	4.9	48.0	-52.4	-30.9
April	129.1	11.2	5.4	67.6	-34.7	41.0
May	126.4r	9.1	-2.1	70.7	-32.4	4.5
June	132.2r	5.5	4.6	72.1	-22.8	2.0
July	118.4	-5.7	-10.4	85.3	-11.4	18.2

Table 2 (continued)

Year and Month	NONMETALLIC MINERAL PRODUCTS			GLASS AND GLASS PRODUCTS f/		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	72.5	-4.6		42.5	3.5	
January	77.6	12.5	-10.7	41.8	14.5	-13.1
February	77.3	17.7	-0.4	41.3	17.7	-1.4
March	81.5	10.5	5.5	45.6	21.6	10.6
April	78.9	10.5	-3.2	43.9	6.6	-3.9
May	79.0	2.3	0.1	43.0	2.9	-1.9
June	80.0	9.8	1.3	46.0	19.7	6.9
July	71.7	18.2	-10.4	42.7	-5.8	-7.2
August	68.3	-5.1	-4.7	41.5	12.9	-2.7
September	62.5	-20.4	-8.5	40.4	-2.6	-2.7
October	66.5	-30.9	6.5	41.5	-7.2	2.8
November	66.0	-25.0	-0.8	43.0	-7.0	3.5
December	61.3	-29.5	-7.2	39.5	-18.0	-8.2
2004						
January	70.4	-9.3	14.9	45.4	8.4	14.9
February	68.2	-11.8	-3.2	39.2	-5.1	-13.6
March	71.3	-12.6	4.6	41.8	-8.4	6.7
April	68.9	-12.7	-3.4	42.1	-4.1	0.6
May	79.3	0.4	15.1	43.2	0.4	2.7
June	77.0	-3.7	-2.8	42.7	-7.1	-1.1
July	90.3	25.9	17.2	95.7	124.2	123.9

f/ - Subsector of nonmetallic mineral products

Table 2 (continued)

Year and Month	CEMENT f/			MISCELLANEOUS NONMETALLIC MINERALS f/		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	139.6	-4.2		14.5	-6.8	
January	156.8	25.4	-13.4	12.8	-32.0	26.9
February	150.3	26.3	-4.1	17.2	3.0	34.7
March	159.3	20.4	6.0	16.3	-20.9	-5.1
April	158.3	23.6	-0.6	12.2	-34.4	-25.2
May	155.2	9.5	-2.0	14.2	-19.5	15.9
June	155.7	13.7	0.3	14.5	1.8	2.2
July	136.6	25.5	-12.3	13.6	5.6	-6.4
August	127.0	-10.2	-7.0	16.7	26.2	22.9
September	115.5	-25.9	-9.1	14.3	-2.2	-13.9
October	122.5	-38.9	6.1	16.0	5.9	11.7
November	122.1	-31.6	-0.3	14.8	1.5	-7.9
December	116.3	-35.8	-4.8	11.7	16.4	-20.5
2004						
January	128.1	-18.3	10.1	16.7	30.2	42.0
February	123.8	-17.7	-3.4	17.4	1.0	4.5
March	131.4	-17.5	6.2	16.3	-0.2	-6.2
April	128.0	-19.2	-2.6	14.3	17.0	-12.4
May	151.5	-2.4	18.3	13.6	-3.9	-4.8
June	143.8	-7.6	-5.0	15.1r	4.1	10.7
July	150.5	10.2	4.6	16.8	23.8	11.3

f/ - Subsector of nonmetallic mineral products

Table 2 (continued)

Year and Month	BASIC METALS			IRON AND STEEL g/		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	114.4	97.3		36.0	9.2	
January	106.8	98.2	93.0	28.5	3.3	-24.3
February	102.5	68.2	-4.0	32.9	3.4	15.5
March	102.3	78.9	-0.1	35.6	5.2	8.3
April	103.4	42.3	1.0	31.5	6.9	-11.6
May	117.0	83.7	13.2	34.7	-4.0	10.0
June	114.4	23.0	-2.2	33.5	-1.3	-3.3
July	116.6	130.1	1.9	36.0	13.1	7.4
August	115.0	120.6	-1.3	35.2	1.4	-2.1
September	121.9	178.5	6.0	38.7	24.2	9.9
October	120.2	193.2	-1.4	40.6	23.7	4.9
November	120.5	134.9	0.3	42.4	22.3	4.4
December	132.1r	138.8	9.6	42.5	13.0	0.3
2004						
January	111.4	4.3	-15.7	34.8	22.0	-18.3
February	105.3	2.8	-5.4	37.4	13.6	7.5
March	98.7	-3.6	-6.3	35.3	-1.0	-5.6
April	84.0	-18.8	-14.9	30.6	-2.8	-13.2
May	81.5r	-30.4	-3.0	28.0	-19.1	-8.5
June	82.0r	-28.4	0.6	34.8r	3.9	24.3
July	86.6	-25.7	5.7	34.2	-5.1	-2.0

g/ - Subsector of basic metals

Table 2 (continued)

Year and Month	NONFERROUS METALS g/			FABRICATED METAL PRODUCTS		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	254.1	163.8		158.5	-6.0	
January	242.6	165.7	189.0	162.1	11.7	-8.5
February	228.2	123.2	-5.9	147.8	-2.5	-8.8
March	225.5	151.6	-1.2	173.0	9.0	17.1
April	234.3	67.3	3.9	149.2	-6.4	-13.7
May	264.7	146.6	13.0	150.8	-15.5	1.0
June	259.4	38.7	-2.0	158.9	-16.1	5.3
July	258.7	224.4	-0.3	146.0	-13.7	-8.1
August	258.4	224.9	-0.1	158.7	-10.9	8.7
September	268.5	320.8	3.9	159.2	-15.8	0.3
October	262.1	390.7	-2.4	141.7	-14.5	-11.0
November	257.3	230.4	-1.8	173.1	6.6	22.1
December	289.8	245.4	12.7	182.2	2.9	5.3
2004						
January	270.6	11.6	-6.6	146.5	-9.6	-19.6
February	252.4	10.6	-6.7	151.5	2.5	3.4
March	235.9	4.6	-6.5	163.0	-5.8	7.6
April	203.3	-13.2	-13.8	168.1	12.7	3.1
May	207.8	-21.5	2.2	177.7r	17.8	5.7
June	192.7	-25.7	-7.3	174.6r	9.9	-1.7
July	208.1	-19.6	8.0	182.2	24.7	4.3

g/ - Subsector of basic metals

Table 2 (continued)

Year and Month	MACHINERY, EXCLUDING ELECTRICAL			ELECTRICAL MACHINERY		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	483.6	17.5		149.9	-16.6	
January	386.8	-0.3	-21.4	152.3	-6.7	-15.6
February	389.0	1.6	0.6	153.7	-18.5	0.9
March	459.6	44.3	18.1	162.8	-18.8	5.9
April	468.9	20.6	2.0	155.3	-14.1	-4.6
May	501.5	34.9	7.0	141.1	-26.2	-9.1
June	503.1	46.2	0.3	152.1	-20.0	7.8
July	504.0	49.3	0.2	167.6	-3.6	10.1
August	521.4	35.2	3.5	168.7	-3.4	0.7
September	556.5	25.3	6.7	128.8	-22.0	-23.7
October	519.1	-2.2	-6.7	145.2	-13.3	12.8
November	547.6	-1.3	5.5	139.2	-23.8	-4.1
December	446.2	-9.3	-18.5	132.6	-26.5	-4.8
2004						
January	523.8	35.4	17.4	151.2	-0.7	14.1
February	491.2	26.3	-6.2	159.8	4.0	5.7
March	523.3	13.9	6.5	173.3	6.5	8.5
April	443.2	-5.5	-15.3	187.7	20.9	8.3
May	482.2	-3.8	8.8	163.7r	16.0	-12.8
June	567.9r	12.9	17.8	195.5r	28.5	19.4
July	436.0	-13.5	-23.2	161.6	-3.6	-17.4

Table 2 (concluded)

Year and Month	TRANSPORT EQUIPMENT			MISCELLANEOUS MANUFACTURES		
	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates	Index	Year-on-Year Growth Rates	Month-on-Month Growth Rates
2003	88.0	-5.3		82.6	6.9	
January	89.6	4.6	5.8	65.4	-5.2	-4.0
February	87.9	-2.3	-1.9	68.5	-10.1	4.7
March	104.5	16.9	18.9	83.1	15.1	21.4
April	72.2	-21.4	-30.9	89.7	5.4	8.0
May	86.1	-5.2	19.2	79.9	-8.7	-11.0
June	83.3	-12.5	-3.3	86.4	17.3	8.2
July	88.9	-12.3	6.7	89.6	15.5	3.6
August	89.5	-8.2	0.7	85.9	8.7	-4.1
September	101.0	5.9	12.8	89.5	7.9	4.1
October	91.9	0.9	-9.0	97.2	19.8	8.6
November	86.6	-15.4	-5.7	82.1	9.7	-15.5
December	74.6	-11.9	-13.9	73.6	8.0	-10.4
2004						
January	78.5	-12.3	5.3	69.6	6.3	-5.5
February	67.3	-23.4	-14.3	77.4	13.1	11.3
March	76.8	-26.6	14.0	87.9	5.8	13.6
April	72.5	0.3	-5.6	72.4	-19.3	-17.6
May	96.4	11.9	33.0	77.4r	-3.2	6.8
June	93.1r	11.8	-3.4	87.1r	0.8	12.6
July	104.5	17.6	12.3	84.8	-5.3	-2.6

Note: 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
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