

TABLE B. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
 BY INDUSTRY MAJOR GROUP: JANUARY 1998 - NOVEMBER 1999  
 (1992 = 100)

MONTH	TOTAL MANUFACTURING			FOOD MANUFACTURING			BEVERAGE			TOBACCO		
	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH
1998	138.0	-11.6		112.2	4.8		140.6	5.1		97.5	5.2	
JAN	139.2	-2.4	-5.3	119.8	2.6	-7.8	145.8	19.4	35.5	94.7	53.6	9.4
FEB	143.0	-9.8	2.7	107.6	-12.8	-10.2	122.3	6.0	-16.1	84.7	-0.1	-10.5
MAR	147.3	-0.7	3.0	126.3	9.9	17.4	133.9	16.1	9.4	100.2	28.8	18.2
APR	128.9	-15.2	-12.5	116.6	-1.0	-7.7	148.0	1.9	10.6	93.0	-7.5	-7.2
MAY	134.6	-10.0	4.5	107.3	4.0	-8.0	147.1	-1.3	-0.6	114.2	9.0	22.8
JUN	147.2	-3.8	9.3	103.7	10.6	-3.3	154.0	14.8	4.7	102.0	2.9	-10.7
JUL	142.0	-11.6	-3.5	114.7	38.8	10.6	135.2	-1.5	-12.2	103.7	2.7	1.7
AUG	136.9r	-16.1	-3.6	109.6	22.4	-4.5	134.4r	8.3	-0.6	98.4	6.0	-5.1
SEP	143.5r	-10.6	4.8	121.4r	42.5	10.8	136.6r	-3.1	1.7	94.6	-3.8	-3.8
OCT	135.9r	-16.5	-5.3	93.6r	-12.1	-22.9	132.2r	-16.4	-3.3	101.1	-2.4	6.9
NOV	131.8r	-25.1	-3.1	112.7r	-7.2	20.3	143.9r	-7.6	8.9	94.7	-6.5	-6.3
DEC	125.7r	-14.4	-4.6	113.0r	-13.1	0.2	154.2r	43.3	7.1	88.6	2.4	-6.5
1999												
JAN	130.3r	-6.4	3.6	123.9	3.4	9.7	117.4	-19.5	-23.8	98.9	4.5	11.7
FEB	139.4r	-2.5	7.0	143.3	33.2	15.6	127.8	4.5	8.8	93.0	9.7	-6.0
MAR	154.6r	5.0	10.9	158.6r	25.6	10.7	148.0	10.6	15.8	108.6	8.4	16.8
APR	134.6r	4.4	-13.0	127.6r	9.5	-19.5	131.9	-10.9	-10.9	91.3r	-1.7	-15.9
MAY	140.6r	4.4	4.5	135.9r	26.7	6.5	137.7	-6.4	4.4	100.7r	-11.8	10.2
JUN	145.1r	-1.4	3.2	129.8r	25.2	-4.4	135.9r	-11.8	-1.3	108.5r	6.4	7.8
JUL	138.1	-2.8	-4.8	115.4	0.6	-11.1	117.5	-13.1	-13.5	105.8	2.0	-2.6
AUG	156.0	13.9	13.0	95.0	-13.3	-17.7	108.9	-19.0	-7.3	98.2	-0.2	-7.1
SEP	147.8	3.0	-5.2	107.9	-11.1	13.6	122.6	-10.3	12.6	110.2	16.5	12.2
OCT	151.0	11.1	2.2	114.4	22.2	6.0	128.4	-2.8	4.7	128.9	27.4	16.9
NOV	116.4	-11.7	-22.9	103.1	-8.5	-9.9	123.0	-14.5	-4.2	127.0	34.1	-1.4

TABLE B (continued)

MONTH	INDEX	TEXTILE		WEARING APPAREL		WOOD AND WOOD PRODUCTS		FURNITURE AND FIXTURES				
		ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH			
1998	72.5	-12.5		37.6	-31.1		58.7	-8.1		205.8	2.1	
JAN	55.6	-24.3	-19.7	35.8	-32.5	-39.4	37.4	-38.1	-38.9	197.9	21.5	-4.3
FEB	75.6	-15.4	36.0	40.0	-8.8	11.6	64.9	-4.8	73.7	197.9	15.3	0.0
MAR	78.9	-3.2	4.3	39.6	-15.3	-0.8	65.8	-0.1	1.3	204.1	20.2	3.1
APR	56.3	-29.7	-28.7	39.2	-14.6	-1.1	57.6	-13.0	-12.4	189.0	-4.0	-7.4
MAY	65.3	-21.8	16.0	39.9	-28.4	1.7	57.3	-10.3	-0.6	192.5	9.9	1.9
JUN	80.0	2.0	22.5	40.5	-27.2	1.5	67.4	1.5	17.8	209.7	18.4	8.9
JUL	76.3	-10.3	-4.7	37.4	-39.6	-7.5	63.9	-1.9	-5.3	227.3	10.1	8.4
AUG	86.4	-4.8	13.3	32.8	-43.9	-12.3	61.7	1.0	-3.4	198.7	-4.6	-12.6
SEP	82.5	-13.0	-4.5	35.1	-42.4	6.9	48.7	-24.5	-21.1	203.0	-15.1	2.2
OCT	77.5	-12.1	-6.1	38.2	-35.2	8.9	52.2	-14.9	7.1	221.7	-17.1	9.2
NOV	76.4	-3.7	-1.4	37.4	-31.9	-2.1	61.0	-3.2	16.8	226.1	-4.4	2.0
DEC	58.7	-15.2	-23.2	35.5	-40.0	-5.2	67.1	9.6	10.0	201.9	-2.4	-10.7
1999												
JAN	48.1	-13.4	-18.0	31.5	-12.2	-11.3	39.9	6.6	-40.6	184.3r	-6.9	-8.7
FEB	61.2r	-19.1	27.0	34.4	-14.0	9.3	39.3r	-39.5	-1.4	194.7r	-1.6	5.6
MAR	58.2	-26.2	-4.8	31.1	-21.7	-9.6	51.3	-22.0	30.4	201.3r	-1.4	3.4
APR	50.3	-10.7	-13.6	28.6r	-26.9	-7.8	47.8r	-17.0	-6.8	236.6r	25.2	17.5
MAY	60.9	-6.8	21.1	31.4r	-21.2	9.7	63.3r	10.6	32.5	120.1r	-37.6	-49.2
JUN	57.4r	-28.2	-5.7	32.7r	-19.1	4.1	51.3r	-24.0	-19.0	210.4r	0.4	75.2
JUL	62.0	-18.7	8.0	29.3	-21.8	-10.6	54.7	-14.4	6.6	208.4	-8.3	-1.0
AUG	56.6	-34.5	-8.8	29.7	-9.5	1.4	45.7	-26.0	-16.4	223.9	12.7	7.5
SEP	61.4	-25.6	8.5	31.3	-10.6	5.5	72.7	49.3	59.2	212.6	4.7	-5.1
OCT	58.7	-24.3	-4.4	28.2	-26.1	-9.9	55.3	5.9	-24.0	168.9	-23.8	-20.5
NOV	47.3	-38.1	-19.4	23.6	-36.9	-16.4	50.7	-16.9	-8.2	306.1	35.4	81.3

TABLE B (continued)

MONTH	PAPER AND PAPER PRODUCTS			CHEMICALS/PLASTIC & PLASTIC PRODS.			INDEX	PETROLEUM PRODUCTS		INDEX	RUBBER PRODUCTS	
	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1998	89.2	4.4		138.7	-3.0		120.5	-10.9		75.7	-8.5	
JAN	80.0	-20.7	-3.1	134.7	-0.2	-5.3	132.5	-5.2	-12.7	64.3	-15.6	43.6
FEB	82.9	-11.6	3.5	136.4	2.0	1.3	109.9	-20.9	-17.0	77.5	-5.9	20.6
MAR	98.9	29.3	19.4	145.9	7.9	6.9	123.0	1.3	11.9	79.1	3.8	2.0
APR	86.2	-1.9	-12.8	134.3	-4.2	-8.0	115.0	-10.7	-6.5	72.6	-9.3	-8.2
MAY	87.3	3.2	1.2	132.8	-2.7	-1.1	108.0	-14.2	-6.0	71.8	-5.9	-1.1
JUN	103.2	4.4	18.3	129.9	-14.9	-2.1	132.1	1.5	22.3	74.2	-11.1	3.4
JUL	90.5	-4.5	-12.3	156.2	3.2	20.2	131.1	-9.8	-0.7	73.2	-31.4	-1.4
AUG	98.9	25.1	9.3	142.4	4.3	-8.8	116.4	-15.2	-11.2	90.6	12.9	23.7
SEP	91.7	18.7	-7.3	140.3	-6.1	-1.5	131.9	16.7	13.4	93.7	-4.3	3.5
OCT	92.3	24.2	0.7	148.7	-0.9	6.0	115.6	-18.7	-12.4	81.9	-14.0	-12.6
NOV	83.5	11.1	-9.5	129.0	-15.0	-13.2	114.1	-23.1	-1.3	69.1	-26.1	-15.6
DEC	75.0	-9.2	-10.2	133.2	-6.4	3.3	116.3	-23.4	1.9	60.9	36.0	-11.9
1999												
JAN	70.9	-11.4	-5.5	133.2r	-1.1	-0.1	101.1	-23.7	-13.0	75.1r	16.8	23.4
FEB	82.7r	-0.2	16.6	157.0r	15.1	17.9	111.0r	0.9	9.8	77.8r	0.3	3.5
MAR	84.6	-14.5	2.3	177.9r	22.0	13.3	111.2	-9.6	0.2	85.1r	7.6	9.4
APR	65.8r	-23.7	-22.2	167.1r	24.4	-6.1	108.7r	-5.4	-2.2	75.0r	3.3	-11.9
MAY	82.2r	-5.9	24.9	164.6r	24.0	-1.5	126.7r	17.3	16.5	75.5r	5.1	0.6
JUN	70.7r	-31.5	-14.0	147.2r	13.3	-10.6	122.5r	-7.3	-3.3	89.7r	20.9	18.9
JUL	77.9	-13.9	10.2	138.2	-11.5	-6.1	123.1	-6.1	0.5	88.8	21.3	-1.0
AUG	75.9	-23.3	-2.6	128.0	-10.1	-7.4	100.8	-13.4	-18.1	77.5	-14.5	-12.8
SEP	80.8	-11.9	6.5	120.1	-14.4	-6.1	114.5	-13.2	13.6	68.9	-26.5	-11.1
OCT	90.5	-1.9	12.0	118.9	-20.0	-1.0	119.1	3.0	4.0	75.7	-7.7	9.8
NOV	86.4	3.4	-4.6	127.9	-0.9	7.5	93.6	-18.0	-21.4	86.2	24.6	13.9

TABLE B (continued)

MONTH	NON-METALLIC MINERAL PRODS.			GLASS AND GLASS PRODUCTS			INDEX	CEMENT		INDEX	MISC. NON-METALLIC MINERAL PRODS.	
	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1998	122.5	-12.1		154.8	35.1		106.1	-21.6		130.3	-24.1	
JAN	137.7	-2.5	5.6	180.6	60.3	58.9	123.2	-11.5	2.5	131.5	-23.8	-22.5
FEB	125.7	-10.2	-8.8	156.0	34.4	-13.6	115.9	-13.6	-6.0	120.2	-31.5	-8.6
MAR	143.6	6.2	14.2	157.0	59.2	0.7	136.0	3.8	17.4	148.5	-17.0	23.5
APR	125.1	-14.5	-12.8	161.7	33.7	3.0	108.9	-23.1	-20.0	128.6	-28.8	-13.4
MAY	149.4	2.3	19.4	163.6	43.1	1.2	125.1	-14.3	14.9	192.5	9.6	49.7
JUN	122.8	-12.0	-17.8	172.6	49.3	5.5	100.1	-31.0	-20.0	128.9	-13.7	-33.0
JUL	125.0	-10.6	1.8	146.7	34.3	-15.0	117.0	-19.1	17.0	123.0	-21.4	-4.6
AUG	121.9	-4.9	-2.5	156.7	43.3	6.8	109.5	-8.5	-6.5	118.2	-28.5	-3.9
SEP	112.4	-15.9	-7.8	141.9	23.0	-9.4	97.7	-20.3	-10.7	118.8	-32.5	0.5
OCT	103.5	-27.4	-7.9	135.5	4.2	-4.5	71.7	-45.1	-26.7	147.4	-19.3	24.1
NOV	99.6	-33.3	-3.8	135.3	12.8	-0.2	75.3	-49.4	5.0	122.7	-31.2	-16.8
DEC	103.0r	-21.0	3.4	150.4	32.4	11.2	92.5r	-23.0	22.9	83.0r	-51.0	-32.3
1999												
JAN	117.2r	-14.9	13.8	140.5	-22.2	-6.6	122.5r	-0.5	32.5	83.3	-36.7	0.3
FEB	112.8r	-10.2	-3.8	143.6r	-7.9	2.2	113.1r	-2.4	-7.7	83.4	-30.6	0.2
MAR	114.0r	-20.6	1.0	138.3	-11.9	-3.7	111.7	-17.9	-1.2	96.6	-34.9	15.8
APR	97.9r	-21.7	-14.1	140.9	-12.9	1.9	89.5r	-17.8	-19.9	77.3	-39.9	-20.0
MAY	101.8r	-31.9	4.0	139.4	-14.8	-1.1	82.0r	-34.4	-8.4	112.6r	-41.5	45.7
JUN	94.3r	-23.2	-7.4	147.9r	-14.3	6.1	80.3r	-19.8	-2.1	76.5r	-40.6	-32.0
JUL	92.2	-26.2	-2.2	141.9	-3.3	-4.1	77.5	-33.8	-3.5	79.9	-35.0	4.5
AUG	87.3	-28.4	-5.4	142.5	-9.0	0.4	72.0	-34.2	-7.1	71.1	-39.9	-11.1
SEP	90.8	-19.3	4.0	145.1	2.3	1.8	77.9	-20.3	8.2	69.8	-41.2	-1.7
OCT	96.8	-6.5	6.7	192.9	42.4	32.9	74.3	3.7	-4.6	59.4	-59.7	-15.0
NOV	83.4	-16.2	-13.8	172.2	27.3	-10.7	64.4	-14.4	-13.3	44.7	-63.6	-24.8

TABLE B (continued)

MONTH	INDEX	BASIC METALS		INDEX	IRON AND STEEL		INDEX	NON-FERROUS METALS	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1998	93.6	-29.8		90.1	-32.8		126.7	0.7	
JAN	89.7	-33.8	-8.5	85.8	-38.1	-10.4	127.5	18.5	6.6
FEB	109.5	-2.0	22.1	109.9	-2.1	28.1	106.1	-0.3	-16.8
MAR	94.9	-31.5	-13.3	91.4	-34.4	-16.8	128.7	-1.9	21.3
APR	58.2	-50.9	-38.6	51.6	-55.9	-43.6	122.4	-9.6	-4.9
MAY	69.9	-41.7	19.9	64.4	-45.5	24.9	122.4	-10.1	0.0
JUN	91.7	-33.3	31.2	91.4	-32.7	41.9	94.7	-38.3	-22.6
JUL	124.2	-12.1	35.5	125.0	-12.0	36.8	116.7	-12.8	23.2
AUG	90.0	-40.4	-27.5	85.6	-44.1	-31.5	132.5	0.4	13.6
SEP	113.6	-29.4	26.1	111.9	-33.9	30.8	129.3r	62.1	-2.4
OCT	84.3	-44.5	-25.8	79.4r	-48.3	-29.0	131.1	-3.6	1.3
NOV	99.3	-26.3	17.8	94.3	-29.8	18.7	147.3r	6.2	12.4
DEC	97.6r	-0.4	-1.7	91.0	-5.0	-3.5	161.5	35.0	9.6
1999									
JAN	76.7r	-14.5	-21.4	73.0	-14.9	-19.8	112.6r	-11.7	-30.3
FEB	87.3r	-20.3	13.8	85.0	-22.7	16.5	109.3r	3.0	-3.0
MAR	83.5	-12.0	-4.3	78.3	-14.4	-7.9	134.2r	4.3	22.8
APR	68.9	18.4	-17.5	65.7	27.4	-16.0	100.0	-18.3	-25.5
MAY	76.3r	9.2	10.7	73.3r	13.9	11.6	104.8	-14.4	4.8
JUN	63.2r	-31.1	-17.2	56.7r	-37.9	-22.6	125.1	32.1	19.4
JUL	76.7	-38.3	21.3	69.4	-44.5	22.3	146.6	25.6	17.2
AUG	64.3	-28.6	-16.1	54.6	-36.3	-21.3	157.8	19.0	7.6
SEP	71.0	-37.5	10.4	62.3	-44.3	14.2	154.4	19.4	-2.1
OCT	73.3	-13.0	3.3	64.2	-19.1	3.1	160.6	22.5	4.0
NOV	55.1	-44.6	-24.9	34.3	-63.7	-46.6	254.5	72.7	58.4

TABLE B (concluded)

MONTH	INDEX	ELECTRICAL MACHINERY		INDEX	TRANSPORT EQUIPMENT		INDEX	OTHER MANUFACTURING INDUSTRIES	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1998	379.2	15.9		102.5	-48.5		285.2	-21.7	
JAN	384.6	44.1	-3.2	107.3	-41.4	-2.4	412.0	16.2	49.9
FEB	410.1	20.0	6.6	120.6	-46.6	12.4	283.7	-6.9	-31.2
MAR	383.0	25.7	-6.6	130.9	-36.0	8.6	301.2	-15.1	6.2
APR	364.1	9.1	-5.0	83.4	-57.2	-36.3	295.3	-14.1	-2.0
MAY	385.6	18.6	5.9	104.4	-47.8	25.2	289.1	-42.1	-2.1
JUN	433.1	20.2	12.3	119.2	-36.9	14.1	237.4	-37.9	-17.9
JUL	354.4	16.5	-18.2	105.4	-59.6	-11.6	245.6r	-39.7	3.4
AUG	358.3	-0.6	1.1	106.8	-57.5	1.3	231.8	-41.7	-5.6
SEP	398.1	-1.7	11.1	85.3	-58.7	-20.1	221.2	-28.4	-4.6
OCT	398.2	-11.4	0.0	94.9	-39.4	11.2	326.2	-10.2	47.5
NOV	352.2	-25.7	-11.5	91.8	-55.6	-3.3	311.5	-17.8	-4.5
DEC	329.1	-17.1	-6.6	79.7	-27.6	-13.2	266.9	-2.9	-14.3
1999									
JAN	348.1	-9.5	5.8	108.0	0.6	35.5	217.5	-47.2	-18.5
FEB	351.8	-14.2	1.1	111.1	-7.9	2.9	325.4	14.7	49.6
MAR	412.5	7.7	17.3	128.3	-2.0	15.4	296.7	-1.5	-8.8
APR	376.0	3.3	-8.9	103.3	23.9	-19.5	325.2	10.1	9.6
MAY	367.6	-4.7	-2.2	113.9	9.1	10.3	249.6	-13.7	-23.2
JUN	437.6	1.0	19.0	112.8	-5.4	-1.0	243.8r	2.7	-2.3
JUL	385.1	8.7	-12.0	128.0	21.4	13.4	246.9	0.5	1.3
AUG	607.3	69.5	57.7	129.7	21.5	1.4	247.1	6.6	0.1
SEP	483.7	21.5	-20.4	128.4	50.5	-1.1	267.0	20.7	8.1
OCT	455.6	14.4	-5.8	162.8	71.6	26.8	381.4	16.9	42.9
NOV	261.5	-25.8	-42.6	137.4	49.8	-15.6	463.8	48.9	21.6

r - revised due to updating of late responding establishments

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