

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

MONTH	INDEX	TOTAL MANUFACTURING		INDEX	FOOD MANUFACTURING		INDEX	BEVERAGE		INDEX	TOBACCO	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1997	156.15	5.04		107.10	5.27		133.78	24.92		92.67	-10.61	
JAN	142.66	-4.75	9.03	116.84	9.33	11.10	122.10	18.59	5.89	61.61	-30.20	-47.85
FEB	158.42	2.80	11.05	123.39	8.68	5.61	115.41	25.77	-5.48	84.84	-16.80	37.70
MAR	148.26	-7.56	-6.41	114.87	-3.85	-6.90	115.32	9.79	-0.08	77.77	-27.42	-8.33
APR	152.01	12.38	2.53	117.82	28.15	2.57	145.26	35.03	25.96	100.52	35.23	29.25
MAY	149.68	0.94	-1.53	103.12	8.48	-12.48	149.10	23.77	2.64	104.71	-4.34	4.17
JUN	152.95	-1.51	2.18	93.78	-10.48	-9.06	134.21	24.64	-9.99	99.10	-13.07	-5.36
JUL	160.72	10.78	5.08	82.61	-6.76	-11.91	137.28	31.68	2.29	100.92	-5.23	1.84
AUG	163.09	4.49	1.47	89.52	-9.05	8.36	124.12	28.33	-9.59	92.83	-6.47	-8.02
SEP	160.45	4.60	-1.62	85.22	-4.59	-4.80	141.05	37.18	13.64	98.34	1.11	5.94
OCT	162.79	6.91	1.46	106.58	4.85	25.06	158.00	30.31	12.02	103.60	-12.67	5.35
NOV	175.87	22.93	8.03	121.44	14.61	13.94	155.84	42.66	-1.37	101.28	-7.17	-2.24
DEC	146.91	12.27	-16.47	129.96	23.57	7.02	107.64	-6.65	-30.93	86.51	-26.78	-14.58
1998	139.32	-10.78		111.49	4.10		141.15	5.51		97.48	5.19	
JAN	139.99 r	-1.87	-4.71	119.70 r	2.45	-7.90	147.36	20.69	36.90	94.66	53.65	9.43
FEB	144.91 r	-8.53	3.51	114.54 r	-7.17	-4.31	123.59	7.09	-16.13	84.74	-0.12	-10.49
MAR	148.78 r	0.35	2.67	128.59 r	11.95	12.27	135.28	17.31	9.46	100.14	28.76	18.17
APR	130.26 r	-14.31	-12.45	118.42 r	0.51	-7.91	149.55	2.95	10.54	92.98	-7.50	-7.15
MAY	135.45 r	-9.51	3.98	104.15 r	1.00	-12.05	148.66	-0.30	-0.60	114.18	9.04	22.80
JUN	145.89 r	-4.61	7.71	100.73 r	7.42	-3.28	155.67	15.99	4.72	101.97	2.89	-10.69
JUL	142.31 r	-11.45	-2.46	111.20 r	34.60	10.39	136.64	-0.47	-12.22	103.64	2.69	1.64
AUG	137.34 r	-15.79	-3.50	103.91 r	16.08	-6.55	136.91	10.30	0.20	98.40	6.01	-5.05
SEP	143.18 r	-10.76	4.26	110.85 r	30.08	6.68	139.80	-0.89	2.11	94.61	-3.79	-3.86
OCT	136.93 r	-15.88	-4.37	91.78 r	-13.89	-17.21	127.28 r	-19.44	-8.95	101.12	-2.40	6.88
NOV	135.46 r	-22.98	-1.07	117.22 r	-3.47	27.72	140.68 r	-9.73	10.53	94.74 r	-6.46	-6.31
DEC	131.35	-10.59	-3.03	116.80	-10.12	-0.36	152.38	41.57	8.32	88.60	2.41	-6.48

TABLE C. (continued)

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

MONTH	INDEX	TEXTILE		INDEX	WEARING APPAREL		INDEX	WOOD AND WOOD PRODUCTS		INDEX	FURNITURE AND FIXTURES	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1997	82.81	-9.91		54.61	-16.01		63.94	0.32		201.51	9.83	
JAN	73.42	-14.70	3.73	53.10	-10.43	-8.27	60.40	8.71	0.67	162.93	6.92	-19.32
FEB	89.42	-15.54	21.79	43.84	-34.62	-17.44	68.22	27.06	12.95	171.63	-2.95	5.34
MAR	81.49	-23.13	-8.87	46.83	-33.86	6.82	65.87	3.08	-3.44	169.78	-8.72	-1.08
APR	80.07	3.45	-1.74	45.92	-18.91	-1.94	66.24	17.41	0.56	196.93	52.56	15.99
MAY	83.54	-10.59	4.33	55.71	-21.18	21.32	63.84	2.88	-3.62	175.10	-8.25	-11.09
JUN	78.46	-19.32	-6.08	55.59	-18.02	-0.22	66.42	-13.86	4.04	177.11	8.76	1.15
JUL	84.99	-18.72	8.32	61.95	-5.00	11.44	65.11	-13.48	-1.97	206.50	9.92	16.59
AUG	90.77	-9.47	6.80	58.46	-17.43	-5.63	61.09	-13.24	-6.17	208.16	6.02	0.80
SEP	94.85	-4.86	4.49	60.92	-5.64	4.21	64.54	-3.69	5.65	239.25	25.62	14.94
OCT	88.16	3.29	-7.05	58.97	-15.26	-3.20	61.35	-2.40	-4.94	267.38	13.68	11.76
NOV	79.36	3.98	-9.98	54.91	-8.33	-6.88	62.98	4.00	2.66	236.44	23.22	-11.57
DEC	69.21	-2.22	-12.79	59.12	2.12	7.67	61.18	1.97	-2.86	206.89	2.45	-12.50
1998	81.16	-1.99		37.88	-30.64		60.99	-4.61		207.08	2.77	
JAN	60.90	-17.05	-12.00	35.82	-32.54	-39.41	37.46	-37.99	-38.78	202.94 r	24.56	-1.91
FEB	80.19	-10.32	31.67	39.97	-8.83	11.58	64.94	-4.80	73.39	202.79 r	18.16	-0.07
MAR	82.86	1.68	3.33	39.65	-15.34	-0.80	65.78	-0.14	1.28	209.17 r	23.20	3.15
APR	61.14	-23.64	-26.21	39.20	-14.63	-1.13	64.24	-3.02	-2.34	193.70 r	-1.64	-7.40
MAY	70.49	-15.62	15.29	40.44	-27.40	3.17	59.06	-7.49	-8.07	197.48 r	12.78	1.95
JUN	90.80	15.73	28.82	42.15	-24.18	4.21	72.94	9.81	23.49	213.70 r	20.66	8.21
JUL	83.42	-1.85	-8.13	38.00 r	-38.67	-9.85	64.02	-1.67	-12.22	231.37 r	12.04	8.27
AUG	95.54	5.26	14.53	33.32 r	-43.01	-12.32	61.34	0.41	-4.18	203.78 r	-2.10	-11.92
SEP	96.45	1.68	0.95	35.64 r	-41.50	6.98	51.90	-19.58	-15.39	198.70 r	-16.95	-2.49
OCT	85.33	-3.21	-11.52	38.84 r	-34.14	8.98	52.87 r	-13.82	1.86	211.77 r	-20.80	6.58
NOV	81.57 r	2.78	-4.41	36.37 r	-33.77	-6.37	64.42 r	2.28	21.84	222.89 r	-5.73	5.25
DEC	85.23	23.14	4.48	35.13	-40.59	-3.41	72.89	19.14	13.16	196.69	-4.93	-11.75

TABLE C. (continued)

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

MONTH	PAPER AND PAPER PRODUCTS			CHEMICALS/PLASTIC & PLASTIC PRODS.			PETROLEUM PRODUCTS			RUBBER PRODUCTS		
	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH	INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH
1997	85.48	-30.27		142.91	3.49		135.23	-12.21		82.75	47.33	
JAN	100.88	-26.36	-10.82	134.98	20.39	-6.87	139.70	-26.32	-0.74	76.21	33.73	49.99
FEB	93.78	-32.06	-7.04	133.83	3.95	-0.85	138.96	-10.35	-0.53	82.36	29.09	8.07
MAR	76.52	-48.77	-18.40	135.17	-4.85	1.00	121.46	-20.17	-12.59	76.21	28.21	-7.47
APR	87.87	-28.10	14.83	140.24	20.71	3.75	128.76	3.63	6.01	80.00	60.35	4.97
MAY	84.58	-20.18	-3.74	136.39	-6.40	-2.75	125.83	-19.93	-2.28	76.30	35.48	-4.63
JUN	98.86	-7.80	16.88	152.76	1.94	12.00	130.15	-20.46	3.43	83.55	42.94	9.50
JUL	94.76	-17.25	-4.15	151.38	10.42	-0.90	145.38	-11.15	11.70	106.65	100.47	27.65
AUG	79.11	-34.63	-16.52	136.52	-6.06	-9.82	137.17	-15.60	-5.65	80.24	49.23	-24.76
SEP	77.26	-33.66	-2.34	149.46	-0.34	9.48	113.06	-23.13	-17.58	97.93	78.83	22.05
OCT	74.32	-41.13	-3.81	150.08	8.77	0.41	142.24	-10.22	25.81	95.22	62.19	-2.77
NOV	75.16	-37.24	1.13	151.77	3.25	1.13	148.31	10.42	4.27	93.50	61.74	-1.81
DEC	82.61	-26.97	9.91	142.28	-1.83	-6.25	151.74	7.82	2.31	44.78	-11.87	-52.11
1998	93.96	9.92		136.68	-4.36		120.67	-10.77		75.64	-8.58	
JAN	88.69	-12.08	7.36	134.60	-0.28	-5.40	132.47	-5.17	-12.70	64.28 r	-15.65	43.55
FEB	91.41	-2.53	3.06	136.45	1.96	1.37	109.92	-20.90	-17.02	77.51 r	-5.89	20.58
MAR	107.79	40.87	17.92	145.94 r	7.97	6.96	122.98	1.25	11.88	79.09 r	3.78	2.05
APR	94.17	7.17	-12.63	134.77 r	-3.90	-7.65	114.97	-10.71	-6.52	72.59 r	-9.27	-8.23
MAY	94.74	12.01	0.60	128.82 r	-5.55	-4.41	108.02	-14.15	-6.04	71.84 r	-5.85	-1.03
JUN	103.51	4.70	9.26	130.54 r	-14.55	1.33	132.08	1.48	22.27	74.22 r	-11.17	3.31
JUL	90.67 r	-4.31	-12.40	156.23 r	3.20	19.68	131.08	-9.83	-0.76	73.20 r	-31.36	-1.37
AUG	99.49 r	25.76	9.73	143.81 r	5.34	-7.95	116.69	-14.93	-10.98	90.57 r	12.87	23.72
SEP	90.99 r	17.77	-8.54	137.16 r	-8.23	-4.63	131.88	16.64	13.02	93.70 r	-4.32	3.46
OCT	91.91 r	23.67	1.01	144.91 r	-3.45	5.65	115.61	-18.72	-12.33	81.92 r	-13.96	-12.57
NOV	91.51 r	21.76	-0.43	122.86 r	-19.05	-15.21	116.04 r	-21.76	0.37	68.95 r	-26.25	-15.83
DEC	82.59	-0.03	-9.76	124.03	-12.82	0.96	116.28	-23.37	0.20	59.84	33.64	-13.21

TABLE C. (continued)

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

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		INDEX	ANNUAL % GROWTH	MONTHLY % GROWTH
1997	139.33	8.30		114.64	-4.57		135.28	2.80		171.73	32.32		
JAN	141.22	21.93	5.86	112.61	3.55	-18.60	139.25	8.18	13.49	172.46	86.34	12.31	
FEB	139.90	14.91	-0.93	116.05	1.00	3.05	134.12	1.66	-3.68	175.52	67.83	1.77	
MAR	135.17	16.02	-3.38	98.60	-10.70	-15.04	131.02	7.29	-2.31	178.87	63.83	1.91	
APR	146.30	15.73	8.23	120.98	3.43	22.70	141.65	0.97	8.11	180.67	75.22	1.01	
MAY	145.99	1.36	-0.21	114.29	-9.11	-5.53	145.98	-8.76	3.06	175.59	41.45	-2.81	
JUN	139.56	5.61	-4.40	115.58	-5.62	1.13	145.00	2.53	-0.67	149.35	24.72	-14.94	
JUL	139.73	1.79	0.12	109.30	-8.62	-5.43	144.76	3.50	-0.17	156.46	5.92	4.76	
AUG	128.16	-5.21	-8.28	109.32	-6.13	0.02	119.68	-12.11	-17.33	165.34	9.90	5.68	
SEP	133.64	9.44	4.28	115.35	-0.16	5.52	122.67	8.36	2.50	176.08	18.29	6.50	
OCT	142.65	10.84	6.74	130.04	9.83	12.74	130.48	5.43	6.37	182.56	21.93	3.68	
NOV	149.28	14.41	4.65	119.91	-10.46	-7.79	148.59	24.84	13.88	178.26	15.91	-2.36	
DEC	130.39	-2.26	-12.66	113.63	-17.86	-5.24	120.19	-2.05	-19.11	169.61	10.45	-4.85	
1998	138.98	-0.25		151.82	32.44		118.45	-12.44		174.49	1.61		
JAN	147.26 r	4.28	12.94	180.59	60.36	58.93	124.07 r	-10.90	3.23	169.85	-1.51	0.14	
FEB	134.22 r	-4.06	-8.86	155.94	34.38	-13.65	116.69 r	-12.99	-5.94	154.52	-11.97	-9.03	
MAR	153.95 r	13.90	14.70	156.97	59.19	0.65	137.09 r	4.63	17.48	190.17	6.32	23.07	
APR	135.93 r	-7.09	-11.71	161.71	33.67	3.02	111.37 r	-21.38	-18.76	168.72	-6.62	-11.28	
MAY	183.23 r	25.51	34.80	163.59	43.14	1.16	198.19 r	35.77	77.96	166.93	-4.93	-1.06	
JUN	134.68 r	-3.50	-26.50	170.42	47.45	4.17	101.25 r	-30.17	-48.91	178.72	19.66	7.06	
JUL	139.44 r	-0.20	3.54	149.77	37.03	-12.12	121.38 r	-16.15	19.88	171.61	9.68	-3.98	
AUG	135.28 r	5.56	-2.99	155.43	42.18	3.78	114.82 r	-4.06	-5.40	163.81	-0.93	-4.55	
SEP	128.82 r	-3.61	-4.77	149.52	29.62	-3.81	102.79 r	-16.21	-10.48	169.75	-3.60	3.63	
OCT	118.98 r	-16.59	-7.64	142.08	9.26	-4.98	74.88 r	-42.61	-27.15	199.49 r	9.28	17.52	
NOV	123.88 r	-17.01	4.12	139.28 r	16.15	-1.97	100.82 r	-32.15	34.65	162.87 r	-8.63	-18.36	
DEC	132.05	1.28	6.60	96.60	-14.98	-30.64	118.06	-1.77	17.09	197.49	16.44	21.26	

TABLE C. (continued)

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

MONTH	INDEX	BASIC METALS		INDEX	IRON AND STEEL		INDEX	NON-FERROUS METALS	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1997	133.33	-1.38		134.11	-1.63		125.84	1.25	
JAN	135.63	-17.09	-4.08	138.56	-16.53	-2.50	107.56	-23.49	-20.12
FEB	111.73	-16.41	-17.63	112.28	-14.39	-18.97	106.43	-32.51	-1.05
MAR	138.61	7.75	24.06	139.39	9.50	24.14	131.17	-7.31	23.25
APR	118.65	22.45	-14.40	116.91	24.20	-16.13	135.39	9.66	3.22
MAY	119.90	25.81	1.05	118.21	26.04	1.11	136.13	23.97	0.55
JUN	137.46	-3.62	14.65	135.79	-8.19	14.87	153.50	66.72	12.76
JUL	141.30	-5.50	2.79	142.08	-6.24	4.63	133.80	2.74	-12.83
AUG	151.04	12.43	6.90	153.03	12.32	7.71	131.98	13.69	-1.36
SEP	160.90	9.60	6.52	169.35	12.65	10.66	79.79	-29.39	-39.54
OCT	152.01	-4.94	-5.52	153.69	-6.57	-9.25	135.93	17.25	70.36
NOV	134.71	3.96	-11.38	134.29	2.54	-12.62	138.73	19.21	2.06
DEC	98.03	-30.67	-27.23	95.78	-32.60	-28.68	119.65	-11.15	-13.75
1998	95.20	-28.60		92.15	-31.29		124.41	-1.13	
JAN	89.73	-33.84	-8.47	85.79	-38.08	-10.43	127.52	18.56	6.58
FEB	109.39	-2.10	21.90	109.87	-2.15	28.06	104.75	-1.58	-17.86
MAR	94.76	-31.64	-13.37	91.37	-34.45	-16.84	127.28	-2.96	21.51
APR	58.25	-50.91	-38.53	51.56	-55.90	-43.57	122.36	-9.62	-3.87
MAY	69.61	-41.95	19.51	64.37	-45.55	24.83	119.89	-11.93	-2.02
JUN	91.31	-33.58	31.18	91.36	-32.72	41.94	90.83	-40.83	-24.24
JUL	123.90	-12.31	35.70	124.98	-12.03	36.81	113.53	-15.15	25.00
AUG	88.65 r	-41.31	-28.46	84.24	-44.95	-32.60	130.87 r	-0.84	15.27
SEP	111.90 r	-30.45	26.23	110.32	-34.86	30.95	127.04 r	59.22	-2.92
OCT	83.49 r	-45.08	-25.39	78.87 r	-48.68	-28.51	127.76 r	-6.01	0.57
NOV	105.42 r	-21.74	26.27	101.42 r	-24.47	28.59	143.77 r	3.63	12.53
DEC	115.95	18.27	9.98	111.63	16.55	10.07	157.33	31.49	9.43

TABLE C. (concluded)

TABLE C. VOLUME OF PRODUCTION INDEX, ANNUAL AND MONTHLY GROWTH FOR MANUFACTURING  
BY INDUSTRY MAJOR GROUP: JANUARY 1997 - DECEMBER 1998 (1992 = 100)

MONTH	INDEX	ELECTRICAL MACHINERY		INDEX	TRANSPORT EQUIPMENT		INDEX	OTHER MANUFACTURING INDUSTRIES	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
1997	327.16	36.89		199.13	-11.78		364.18	2.59	
JAN	266.87	16.27	13.62	183.24	-13.75	31.34	354.58	4.45	3.51
FEB	341.80	41.71	28.08	225.68	-7.10	23.16	304.69	-5.10	-14.07
MAR	304.84	14.59	-10.81	204.47	-18.30	-9.40	354.61	9.84	16.38
APR	333.72	42.50	9.47	195.10	-10.46	-4.58	343.94	6.57	-3.01
MAY	325.19	37.48	-2.56	200.11	-16.34	2.57	499.10	21.21	45.11
JUN	360.32	35.91	10.80	188.99	-16.92	-5.56	382.41	15.60	-23.38
JUL	304.15	57.98	-15.59	261.02	11.08	38.11	407.07	1.71	6.45
AUG	360.63	60.64	18.57	251.40	-5.42	-3.69	397.41	4.38	-2.37
SEP	404.99	48.21	12.30	206.35	-13.06	-17.92	308.92	-9.80	-22.27
OCT	449.45	91.61	10.98	156.67	-32.17	-24.08	363.38	-9.99	17.63
NOV	473.93	101.12	5.45	206.47	-1.56	31.79	379.10	10.99	4.33
DEC	397.20	69.11	-16.19	110.01	-21.15	-46.72	274.92	-19.74	-27.48
1998	381.04	16.47		103.39	-48.08		264.22	-27.45	
JAN	384.63 r	44.13	-3.16	107.32	-41.43	-2.45	412.05	16.21	49.88
FEB	409.59 r	19.83	6.49	120.61	-46.56	12.39	283.66	-6.90	-31.16
MAR	389.24 r	27.69	-4.97	130.92	-35.97	8.55	301.26	-15.04	6.21
APR	362.74 r	8.70	-6.81	83.42	-57.24	-36.29	301.30	-12.40	0.01
MAY	381.12 r	17.20	5.07	104.45	-47.80	25.22	293.80	-41.13	-2.49
JUN	417.93 r	15.99	9.66	120.49	-36.24	15.36	236.17	-38.24	-19.62
JUL	356.27 r	17.14	-14.75	105.54	-59.57	-12.41	236.66	-41.86	0.21
AUG	363.33 r	0.75	1.98	106.90	-57.48	1.29	230.30	-42.05	-2.69
SEP	405.52 r	0.13	11.61	85.16	-58.73	-20.34	217.97	-29.44	-5.35
OCT	407.60 r	-9.31	0.51	95.00 r	-39.36	11.56	226.51 r	-37.67	3.92
NOV	362.05 r	-23.61	-11.17	93.91 r	-54.52	-1.15	240.32 r	-36.61	6.10
DEC	332.50	-16.29	-8.16	86.99	-20.93	-7.37	190.64	-30.66	-20.67

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