

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

MONTH	TOTAL MANUFACTURING			FOOD MANUFACTURING			BEVERAGE			TOBACCO		
	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY
		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% 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												
JAN	140.58	-1.46	-4.31	119.43	2.21	-8.11	147.36	20.69	36.90	94.66	53.65	9.43
FEB	145.64	-8.06	3.61	114.37	-7.31	-4.23	123.59	7.09	-16.13	84.74	-0.12	-10.49
MAR	149.65	0.94	2.75	128.76	12.09	12.58	135.28	17.31	9.46	100.14	28.76	18.17
APR	131.01	-13.82	-12.46	118.28	0.39	-8.14	149.55	2.95	10.54	92.98	-7.50	-7.15
MAY	135.07	-9.76	3.10	104.08	0.94	-12.00	148.66	-0.30	-0.60	114.18	9.04	22.80
JUN	146.37	-4.30	8.36	98.02	4.52	-5.83	155.67	15.99	4.72	101.97	2.89	-10.69
JUL	142.33	-11.44	-2.76	106.95	29.46	9.11	136.64	-0.47	-12.22	103.64	2.69	1.64
AUG	137.53	-15.67	-3.37	99.80	11.48	-6.69	136.91	10.30	0.20	98.40	6.01	-5.05
SEP	141.27	-11.95	2.72	94.19	10.53	-5.62	139.80	-0.89	2.11	94.61	-3.79	-3.86
OCT	139.00	-14.61	-1.61	96.11	-9.82	2.04	115.04	-27.19	-17.71	101.12	-2.40	6.88
NOV	133.03	-24.36	-4.30	98.44	-18.94	2.42	126.91	-18.57	10.32	91.28	-9.87	-9.73

TABLE C. (Continued)

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

MONTH	INDEX	TEXTILE		WEARING APPAREL			WOOD AND WOOD PRODUCTS			FURNITURE AND FIXTURES		
		ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY
		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% 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												
JAN	60.90	-17.05	-12.00	35.82	-32.54	-39.41	37.46	-37.99	-38.78	203.87	25.12	-1.46
FEB	80.19	-10.32	31.67	39.97	-8.83	11.58	64.94	-4.80	73.39	203.57	18.61	-0.15
MAR	82.86	1.68	3.33	39.65	-15.34	-0.80	65.78	-0.14	1.28	210.84	24.19	3.57
APR	61.14	-23.64	-26.21	39.20	-14.63	-1.13	64.24	-3.02	-2.34	194.96	-1.00	-7.53
MAY	70.49	-15.62	15.29	40.44	-27.40	3.17	59.06	-7.49	-8.07	198.49	13.36	1.81
JUN	90.80	15.73	28.82	42.15	-24.18	4.21	72.94	9.81	23.49	215.59	21.73	8.62
JUL	83.42	-1.85	-8.13	38.45	-37.94	-8.78	64.02	-1.67	-12.22	232.30	12.49	7.75
AUG	95.54	5.26	14.53	33.90	-42.02	-11.84	61.34	0.41	-4.18	204.68	-1.67	-11.89
SEP	96.45	1.68	0.95	37.25	-38.86	9.89	51.90	-19.58	-15.39	199.45	-16.64	-2.55
OCT	85.33	-3.21	-11.52	41.00	-30.47	10.07	52.21	-14.90	0.59	206.32	-22.84	3.44
NOV	80.46	1.39	-5.71	42.80	-22.05	4.40	64.11	1.79	22.79	223.64	-5.42	8.39

TABLE C. (Continued)

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

MONTH	PAPER AND PAPER PRODUCTS			CHEMICALS/PLASTIC & PLASTIC PRODS			PETROLEUM PRODUCTS			RUBBER PRODUCTS		
	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY
		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH
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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												
JAN	88.69	-12.08	7.36	134.60	-0.28	-5.40	132.47	-5.17	-12.70	141.48	85.64	215.94
FEB	91.41	-2.53	3.06	136.45	1.96	1.37	109.92	-20.90	-17.02	170.63	107.18	20.61
MAR	107.79	40.87	17.92	145.82	7.88	6.87	122.98	1.25	11.88	174.03	128.35	1.99
APR	94.17	7.17	-12.63	134.69	-3.96	-7.63	114.97	-10.71	-6.52	159.74	99.67	-8.21
MAY	94.74	12.01	0.60	128.78	-5.58	-4.39	108.02	-14.15	-6.04	158.05	107.15	-1.06
JUN	103.51	4.70	9.26	130.07	-14.85	1.00	132.08	1.48	22.27	163.35	95.51	3.35
JUL	90.54	-4.45	-12.53	155.32	2.60	19.42	131.08	-9.83	-0.76	161.11	51.06	-1.37
AUG	99.22	25.42	9.58	142.73	4.55	-8.11	116.36	-15.17	-11.23	199.29	148.36	23.70
SEP	90.99	17.77	-8.29	135.44	-9.38	-5.11	131.88	16.64	13.34	206.46	110.83	3.60
OCT	91.08	22.55	0.09	147.49	-1.72	8.90	115.61	-18.72	-12.33	180.28	89.33	-12.68
NOV	87.04	15.80	-4.44	120.55	-20.57	-18.27	116.04	-21.76	0.37	149.76	60.17	-16.93
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TABLE C. (Continued)

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

MONTH	NON-METALLIC MINERAL PRODS.			GLASS AND GLASS PRODUCTS			CEMENT			MISC. NON-METALLIC MINERAL PRODS.			
	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	
		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH	
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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													
JAN	144.71	2.47	10.99	180.59	60.36	58.93	119.39	-14.26	-0.66	169.85	-1.51	0.14	
FEB	131.14	-6.26	-9.38	155.94	34.38	-13.65	111.04	-17.21	-6.99	154.52	-11.97	-9.03	
MAR	151.03	11.74	15.17	156.97	59.19	0.65	131.73	0.54	18.63	190.17	6.32	23.07	
APR	132.83	-9.21	-12.05	161.71	33.67	3.02	105.68	-25.39	-19.78	168.72	-6.62	-11.28	
MAY	141.69	-2.94	6.68	163.59	43.14	1.16	121.96	-16.45	15.41	166.93	-4.93	-1.06	
JUN	138.16	-1.00	-2.49	170.42	47.45	4.17	107.64	-25.77	-11.75	178.72	19.66	7.06	
JUL	137.06	-1.91	-0.80	149.77	37.03	-12.12	117.00	-19.17	8.70	171.61	9.68	-3.98	
AUG	132.31	3.24	-3.47	155.43	42.18	3.78	109.37	-8.61	-6.52	163.81	-0.93	-4.55	
SEP	127.27	-4.77	-3.81	149.52	29.62	-3.81	99.94	-18.53	-8.62	169.75	-3.60	3.63	
OCT	116.70	-18.19	-8.31	142.08	9.26	-4.98	70.70	-45.81	-29.26	199.46	9.26	17.50	
NOV	129.72	-13.10	11.16	146.91	22.52	3.40	103.07	-30.64	45.78	175.34	-1.64	-12.09	
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TABLE C. (Continued)

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

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MONTH	INDEX	BASIC METALS		INDEX	IRON AND STEEL		INDEX	NON-FERROUS METAL	
		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH		ANNUAL % GROWTH	MONTHLY % GROWTH
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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									
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 r	-12.31	35.70	124.98 r	-12.03	36.81	113.53 r	-15.15	25.00
AUG	88.85	-41.18	-28.29	84.24	-44.95	-32.60	133.01	0.78	17.15
SEP	111.98	-30.40	26.03	110.32	-34.86	30.95	127.87	60.26	-3.86
OCT	83.63	-44.98	-25.31	78.98	-48.61	-28.40	128.24	-5.66	0.29
NOV	107.12	-20.48	28.08	103.18	-23.17	30.63	144.93	4.47	13.02
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TABLE C. (Concluded)

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

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MONTH	ELECTRICAL MACHINERY			TRANSPORT EQUIPMENT			OTHER MANUFACTURING INDUSTRIES		
	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY	INDEX	ANNUAL	MONTHLY
		% GROWTH	% GROWTH		% GROWTH	% GROWTH		% GROWTH	% GROWTH
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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									
JAN	384.79	44.19	-3.13	107.32	-41.43	-2.45	412.05	16.21	49.88
FEB	409.77	19.88	6.49	120.61	-46.56	12.39	283.66	-6.90	-31.16
MAR	389.51	27.77	-4.94	130.92	-35.97	8.55	301.26	-15.04	6.21
APR	362.94	8.76	-6.82	83.42	-57.24	-36.29	301.30	-12.40	0.01
MAY	381.39	17.28	5.08	104.45	-47.80	25.22	293.80	-41.13	-2.49
JUN	418.21 r	16.07	9.65	120.49 r	-36.24	15.36	236.17	-38.24	-19.62
JUL	356.52 r	17.22	-14.75	105.54 r	-59.57	-12.41	236.66 r	-41.86	0.21
AUG	363.33	0.75	1.91	106.90	-57.48	1.29	230.30	-42.05	-2.69
SEP	405.50	0.13	11.61	85.16	-58.73	-20.34	217.97	-29.44	-5.35
OCT	407.60	-9.31	0.52	95.88	-38.80	12.59	228.09	-37.23	4.64
NOV	360.10	-24.02	-11.65	93.45	-54.74	-2.54	258.24	-31.88	13.22

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r - revised due to updating of late responding establishments

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