38.1 VALUE OF PRODUCTION INDEX (VaPI) OF KEY MANUFACTURING ENTERPRISES BY INDUSTRY

2018 = 100

growth rates in percent

for periods indicated

	2020	2021	2022	2021											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Manufacturing	-43.0	49.2	22.5	-17.3	-46.1	-74.0	150.1	256.1	440.5	529.9	531.3	124.6	27.8	30.0	19.6
Manufacture of food products	-6.9	17.0	14.6	1.9	-6.0	24.6	42.3	22.4	15.5	5.7	9.2	16.6	21.8	24.9	33.4
Manufacture of beverages	-14.2	-3.4	12.3	-10.9	-17.5	5.4	128.1	8.8	2.9	-12.7	-15.4	-10.1	-17.7	2.1	-14.1
Manufacture of tobacco products	-40.9	1.6	-1.5	-24.0	-14.7	41.3	109.2	-25.7	-12.8	-4.0	0.5	-3.0	-3.3	28.6	25.7
Manufacture of textiles	-32.9	8.3	19.0	-38.9	-26.1	4.4	256.6	99.5	-1.6	7.1	1.8	11.1	22.9	3.0	18.5
Manufacture of wearing apparel	-40.5	3.0	0.3	-26.5	-34.7	-5.3	472.4	117.8	8.1	-3.7	-7.7	2.3	3.7	-8.9	-1.0
Manufacture of leather and related products, including footwear	-48.2	13.9	10.8	-19.0	-28.1	61.3	118.6	145.8	39.0	4.5	4.7	2.9	1.3	-0.2	2.1
Manufacture of wood, bamboo, cane, rattan articles and related products	-37.2	27.9	27.0	-60.6	13.2	15.1	132.9	224.5	63.8	19.6	70.0	16.6	0.1	57.4	82.9
Manufacture of paper and paper products	-13.5	11.1	18.1	-3.3	-7.8	35.6	62.0	32.5	11.8	4.5	12.5	5.1	9.9	4.3	-4.7
Printing and reproduction of recorded media	-28.4	-4.1	-10.5	-21.6	-24.0	6.9	246.1	-46.1	38.7	-5.0	7.9	-18.7	-7.0	12.6	-1.1
Manufacture of coke and refined petroleum products	-44.8	33.2	38.7	-53.0	-88.7	-97.4	-24.3	1475.4	3231.3	4109.3	4396.8	888.6	167.2	123.5	75.1
Manufacture of chemical and chemical products	-7.7	3.8	43.0	5.7	-18.3	11.6	72.0	28.1	17.5	-4.8	-9.0	-12.1	-0.4	7.6	-9.0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	1.1	-18.7	1.3	-27.4	-26.6	-29.1	-25.9	-5.4	9.0	13.6	-24.5	-23.2	-23.3	-8.6	-30.3
Manufacture of rubber and plastic products	-16.0	5.3	12.1	-12.2	-22.6	26.4	143.3	38.7	8.4	8.1	0.2	-3.2	-3.4	-0.9	-8.6
Manufacture of other non-metallic mineral products	-27.4	37.2	6.9	-12.8	-4.5	55.9	293.6	107.5	33.5	3.2	34.5	30.1	42.8	56.6	38.0
Manufacture of basic metals	-13.5	21.0	-16.3	-24.5	-19.7	8.1	636.8	122.6	10.8	6.1	11.2	23.9	19.5	22.8	15.6
Manufacture of fabricated metal products, except machinery and equipment	-16.5	35.1	31.5	19.5	2.7	45.7	307.5	101.3	32.0	18.2	24.0	28.0	17.3	28.3	24.6
Manufacture of computer, electronic and optical products	-26.7	16.6	18.6	-15.1	-15.6	12.8	65.0	49.0	25.0	27.8	28.5	11.1	17.4	25.6	10.1
Manufacture of electrical equipment	-32.4	56.3	-48.4	30.2	21.8	85.6	254.4	74.3	51.2	40.2	34.2	55.4	50.3	53.5	62.2
Manufacture of machinery and equipment except electrical	-41.3	4.1	59.3	-37.3	-37.4	-11.8	38.6	10.2	21.3	26.9	17.7	5.5	23.9	36.5	43.2
Manufacture of transport equipment	-33.8	7.9	11.0	-11.4	-21.7	21.8	314.3	121.4	17.1	19.2	-3.8	-6.5	-14.9	-4.1	-11.4
Manufacture of furniture	-22.9	9.1	-0.5	-33.4	-53.8	15.3	508.2	88.5	11.6	-11.4	20.2	35.7	0.6	16.1	-3.0
Other manufacturing and repair and installation of machinery and equipment	-11.8	8.4	16.3	-2.3	-13.5	12.8	232.9	65.4	8.2	-17.6	-2.7	-4.7	3.4	-5.9	20.6

a/ Less than 0.05 percent increase

r revised

p preliminary

Source: Philippine Statistics Authority (PSA)

Classification: GENERAL

38.1 VALUE OF PRODUCTION INDEX (VaPI) OF KEY MANUFACTURING ENTERPRISES BY INDUSTRY (CONT'D)

2018 = 100
growth rates in percent
for periods indicated

	2022											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec p
Total Manufacturing	15.0	77.0	370.0 r	5.4	6.6	7.8 r	12.2 r	12.6 r	12.6 r	14.1 r	12.5 r	10.1
Manufacture of food products	12.2	26.4	8.3	3.4	9.6	13.7 r	19.1 r	22.7 r	21.2 r	13.5 r	13.3 r	15.3
Manufacture of beverages	0.7	1.1	4.2	10.4	10.2	1.6	15.9	7.6	-0.8	69.8	14.3 r	16.6
Manufacture of tobacco products	-20.9	-0.2	10.6	5.9	9.3	4.8	-15.0	-7.9	a/	4.0	-5.7	-0.8
Manufacture of textiles	33.4	35.1	29.4	51.0	-11.5	30.4 r	19.3 r	26.8 r	17.1 r	2.4	15.8 r	2.6
Manufacture of wearing apparel	-28.4	9.7	16.9	13.8	11.8	5.3	-1.6	3.0	5.5	-8.3 r	-1.7 r	-18.3
Manufacture of leather and related products, including footwear	-6.7	32.6	-3.8	20.5	3.8	-2.3	18.3	19.1	14.6 r	11.9 r	9.0 r	21.6
Manufacture of wood, bamboo, cane, rattan articles and related products	77.7	26.7	27.7	4.5	17.9	26.5 r	26.5	9.9 r	76.8	31.7 r	10.5 r	14.8
Manufacture of paper and paper products	5.9	21.8	11.3	13.2	16.8	21.1	25.5	23.6 r	25.7 r	23.5 r	18.7 r	11.3
Printing and reproduction of recorded media	-15.5	-16.1	-7.0	-17.4	-12.7	-27.4	14.2 r	9.8 r	-6.0 r	-15.1 r	-12.7 r	-13.5
Manufacture of coke and refined petroleum products	67.2	570.9	2669.8	9.1	7.1	5.0	16.9	10.9	12.2	19.0	21.8	25.9
Manufacture of chemical and chemical products	27.1	54.8	43.9	54.5	53.6	7.6 r	16.7	40.9 r	87.7 r	53.0 r	35.0 r	52.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	32.2	5.9	5.9	-9.6	-5.6	-8.7 r	-6.9 r	5.7	9.3	-1.8	2.4	-6.1
Manufacture of rubber and plastic products	12.7	11.3	25.0	13.7	13.9	8.2	8.9	14.1	8.6	10.8 r	10.5 r	8.2
Manufacture of other non-metallic mineral products	9.7	28.8	1.6	-4.1	-5.8	18.6	7.4	-2.1	7.2 r	5.6 r	5.0 r	16.2
Manufacture of basic metals	18.3	-0.6	-7.0	-15.8	-16.7	-11.9	-15.5 r	-19.3 r	-25.6	-22.8 r	-27.2 r	-36.0
Manufacture of fabricated metal products, except machinery and equipment	10.8 r	21.3 r	28.0 r	19.6 r	38.6 r	44.1 r	27.0 r	25.7 r	33.0 r	34.3 r	40.4 r	58.2
Manufacture of computer, electronic and optical products	18.7 r	20.9 r	15.6 r	16.8 r	13.6 r	11.7 r	21.2 r	15.4 r	19.6 r	13.0 r	32.3 r	24.1
Manufacture of electrical equipment	-50.0	-38.5	-44.5	-36.2 r	-49.0	-44.3 r	-46.5 r	-48.6 r	-54.2	-55.6 r	-54.2 r	-54.4
Manufacture of machinery and equipment except electrical	42.6	45.8	61.1	54.1	78.2	63.1	37.9	81.5	73.0 r	56.5 r	67.9	52.7
Manufacture of transport equipment	0.5	5.1	0.4	-8.4	-1.0	12.6	20.8	30.8	21.0 r	29.0 r	20.5 r	3.2
Manufacture of furniture	17.9	75.3	6.0	-13.6	0.7	7.1	-5.2	-4.7	-18.8	-23.0 r	-12.3 r	1.6
Other manufacturing and repair and installation of machinery and equipment	9.4	5.9	28.6	6.0	12.1	6.6	11.1	23.3	21.6	20.2	28.1	22.6

a/ Less than 0.05 percent increase
r revised
p preliminary

Source: Philippine Statistics Authority (PSA)

Classification: GENERAL