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	22.6	-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	14.5 r	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	11.7 r	-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	-1.6 r	-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	17.6	-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	10.7	-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	26.9	-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	-10.7 r	-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	42.6 r	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	-0.1 r	-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	13.8 r	-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	6.3 r	-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	-14.9 r	-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	30.5 r	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	18.5 r	-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	-48.5 r	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	59.1 r	-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	10.7 r	-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 r	-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	16.6 r	-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												2023	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb p
Total Manufacturing	14.6 r	77.2	370.3	5.5	6.7	7.8	12.3	12.4 r	12.5 r	14.5 r	13.2 r	10.1 r	16.0 r	11.1
Manufacture of food products	12.4 r	26.8 r	8.4	3.5	9.6	13.9	19.3	22.7	21.0	15.0	17.4 r	8.6 r	21.4 r	13.0
Manufacture of beverages	-5.2 r	1.1	4.2	10.4	10.2	1.6	15.9	7.6	-0.8	69.8	14.3	16.2	32.9 r	28.3
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	-1.4 r	5.2 r	-9.6
Manufacture of textiles	33.4	35.1	29.4	51.0	-11.5	30.4	19.3	26.8	17.1	2.4	11.4	-8.8	8.6 r	-3.1
Manufacture of wearing apparel	-28.4	9.7	16.9	13.8	11.8	5.3	-1.6	3.0	5.5	-8.3	-1.7	-17.7 r	1.3 r	-22.7
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	11.9	9.0	20.5	18.3 r	-4.6
Manufacture of wood, bamboo, cane, rattan articles and related products	77.7	26.7	27.7	4.5	17.9	26.5	26.5	9.9	76.8	29.6	10.3	14.8	11.3 r	-2.4
Manufacture of paper and paper products	5.9	21.8	11.3	13.2	16.8	21.1	25.5	23.6	25.7	23.5	18.7	10.8 r	11.4 r	7.2
Printing and reproduction of recorded media	-15.5	-16.1	-7.0	-17.4	-12.7	-27.4	14.2	9.8	-6.0	-15.1	-12.7	-15.9 r	8.7 r	19.5
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	-4.8	6.7
Manufacture of chemical and chemical products	27.1	54.8	43.9	54.5	53.6	7.6	17.0 r	36.9 r	82.2 r	50.8 r	32.5 r	61.6 r	5.3 r	6.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	32.2	5.9	5.9	-9.6	-5.6	-8.7	-6.9	5.7	9.3	-1.8	2.4	-22.2 r	12.6	3.3
Manufacture of rubber and plastic products	16.0	14.1	27.2	16.9	16.9	10.0	10.6	14.1 r	11.9	13.3	11.8 r	3.6 r	-1.1 r	-7.8
Manufacture of other non-metallic mineral products	9.7	28.8	1.6	-4.1	-5.8	18.6	7.4	-4.3 r	4.7 r	4.1 r	5.1 r	15.6 r	27.2 r	2.6
Manufacture of basic metals	18.3	-0.6	-7.0	-15.8	-16.7	-11.9	-15.5	-19.3	-25.6	-20.9	-26.2 r	-23.0 r	16.6 r	30.7
Manufacture of fabricated metal products, except machinery and equipment	10.8	21.3	28.0	19.6	38.6	44.1	26.4	24.8	32.2	33.4	39.5	48.7 r	-0.5 r	3.3
Manufacture of computer, electronic and optical products	18.7	20.9	15.6	16.8	13.6	11.7	21.2	15.4	19.6	13.0	32.6 r	22.8 r	-3.1 r	-10.9
Manufacture of electrical equipment	-50.0	-38.5	-44.5	-36.2	-49.0	-44.3	-46.5	-48.6	-54.2	-55.6	-54.3 r	-55.3 r	60.1 r	23.0
Manufacture of machinery and equipment except electrical	42.6	45.8	61.1	54.1	78.2	63.1	37.9	81.5	72.6	56.1 r	67.7 r	51.0 r	12.9 r	17.3
Manufacture of transport equipment	0.5	5.1	0.4	-8.4	-1.0	12.6	20.8	30.8	21.0	29.0	20.5	0.9 r	32.6 r	25.1
Manufacture of furniture	17.9	75.3	6.0	-13.6	0.7	7.1	-5.2	-4.7	-18.8	-23.0	-12.3	14.7 r	-9.4 r	-19.8
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	26.5 r	35.1 r	34.3

a/ Less than 0.05 percent increase

r revised

p preliminary

Source: Philippine Statistics Authority (PSA)

Classification: GENERAL