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	2022											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Manufacturing	**-43.0**	**49.2**	**22.5**	**14.3**	**77.1**	**370.1**	**5.0**	**6.6**	**7.8**	**12.1**	**12.3**	**12.6**	**14.5**	**13.2**	**10.1**
Manufacture of food products	**-6.9**	**17.0**	**14.1**	12.4	26.8	8.6	1.0	10.0	13.9	19.3	22.2	21.1	14.4	16.9	7.4
Manufacture of beverages	**-14.2**	**-3.4**	**11.8**	-5.2	1.1	4.2	10.4	10.2	1.6	15.9	7.6	-0.8	69.8	14.3	16.8
Manufacture of tobacco products	**-40.9**	**1.6**	**-1.7**	-20.9	-0.2	10.6	4.3	9.3	4.8	-15.0	-7.9	a/	4.0	-5.7	-1.3
Manufacture of textiles	**-32.9**	**8.3**	**17.6**	33.4	35.1	29.4	51.0	-11.5	30.4	19.3	26.8	17.1	2.4	11.4	-8.8
Manufacture of wearing apparel	**-40.5**	**3.0**	**1.5**	-28.4	9.7	16.9	13.8	11.8	5.3	-1.6	3.0	5.5	-8.3	-1.7	-5.7
Manufacture of leather and related products, including footwear	**-48.2**	**13.9**	**10.7**	-6.2	32.6	-3.8	20.8	3.8	-2.3	18.3	19.1	14.6	11.9	9.0	20.5
Manufacture of wood, bamboo, cane, rattan articles and related products	**-37.2**	**27.9**	**27.1**	83.1	26.7	27.7	4.5	17.9	26.5	26.5	9.9	76.8	29.6	10.3	14.8
Manufacture of paper and paper products	**-13.5**	**11.1**	**18.4**	5.9	21.8	11.4	13.2	16.8	21.1	25.5	23.6	25.7	23.5	18.7	15.4
Printing and reproduction of recorded media	**-28.4**	**-4.1**	**-9.6**	-15.5	-16.1	-7.0	-17.4	-12.7	-27.4	14.2	9.8	-6.0	-15.1	-12.7	-3.3
Manufacture of coke and refined petroleum products	**-44.8**	**33.2**	**38.7**	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	**-7.7**	**3.8**	**42.3**	27.1	54.8	43.9	54.5	53.6	7.6	14.8	36.9	82.2	50.8	32.5	60.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	**1.1**	**-18.7**	**-0.1**	32.2	5.9	5.9	-9.6	-5.6	-8.7	-6.9	5.7	9.3	-1.8	2.4	-22.5
Manufacture of rubber and plastic products	**-16.0**	**5.3**	**12.4**	12.7	11.3	25.0	13.7	13.9	8.2	8.9	14.1	11.9	13.3	11.8	4.3
Manufacture of other non-metallic mineral products	**-27.4**	**37.2**	**6.8**	9.0	27.7	0.8	-4.7	-5.8	18.5	7.4	-2.1	7.2	6.7	6.7	15.7
Manufacture of basic metals	**-13.5**	**21.0**	**-15.1**	15.8	-0.6	-7.2	-15.9	-16.8	-12.0	-15.6	-19.5	-25.5	-21.0	-26.1	-23.1
Manufacture of fabricated metal products, except machinery and equipment	**-16.5**	**35.1**	**30.2**	9.1	21.3	28.0	19.6	38.6	44.1	26.4	24.8	32.2	33.4	44.8	41.2
Manufacture of computer, electronic and optical products	**-26.7**	**16.6**	**18.5**	18.7	20.9	15.6	16.8	13.6	11.7	21.2	15.4	19.6	12.9	32.6	23.0
Manufacture of electrical equipment	**-32.4**	**56.3**	**-48.5**	-49.8	-38.5	-44.5	-36.2	-48.9	-44.3	-46.4	-48.6	-54.2	-55.6	-54.3	-55.4
Manufacture of machinery and equipment except electrical	**-41.3**	**4.1**	**54.2**	42.6	42.8	57.7	50.6	74.3	59.8	35.3	77.4	69.0	53.2	63.4	28.6
Manufacture of transport equipment	**-33.8**	**7.9**	**10.7**	0.2	5.2	0.5	-8.4	-1.0	12.6	20.8	30.8	21.0	29.0	20.5	0.9
Manufacture of furniture	**-22.9**	**9.1**	**0.3**	17.9	75.3	6.0	-13.6	0.7	7.1	-5.2	-4.7	-18.8	-23.0	-12.3	12.8
Other manufacturing and repair and installation of machinery and equipment	**-11.8**	**8.4**	**17.1**	11.1	7.6	31.2	6.0	12.1	6.6	11.1	23.3	21.6	20.2	28.1	26.5

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

	2023									
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct [p]
Total Manufacturing	**14.4 [r]**	**7.8 [r]**	**9.0 [r]**	**9.6 [r]**	**8.1 [r]**	**2.4 [r]**	**4.1 [r]**	**7.4 [r]**	**9.6 [r]**	**1.3**
Manufacture of food products	18.5	6.0 [r]	7.9	7.7 [r]	4.7 [r]	-9.6 [r]	-4.4 [r]	-0.6 [r]	-6.7 [r]	-6.0
Manufacture of beverages	19.3 [r]	11.2 [r]	-3.6 [r]	-1.3 [r]	4.6 [r]	-0.9 [r]	8.7 [r]	19.7 [r]	23.1 [r]	-26.3
Manufacture of tobacco products	5.3	-9.5	-22.2	-16.0	-15.8	-17.7	0.5	-12.2 [r]	-1.6 [r]	-12.5
Manufacture of textiles	15.0 [r]	7.5 [r]	13.2	-2.2 [r]	10.8	-1.0 [r]	-9.0	-5.9 [r]	-3.0 [r]	-7.7
Manufacture of wearing apparel	8.3	-20.6	-36.6	-33.6	-22.7	-32.8	-23.8	-17.2	-39.3 [r]	-21.0
Manufacture of leather and related products, including footwear	10.6	-16.3	-10.4	-12.0	-8.2	-10.7 [r]	-1.4 [r]	-3.5 [r]	-16.1 [r]	-12.4
Manufacture of wood, bamboo, cane, rattan articles and related products	7.8	-6.7	-5.6	11.7	3.4	20.3	-10.4 [r]	-37.2	-10.0	-42.8
Manufacture of paper and paper products	12.9 [r]	8.0 [r]	2.0 [r]	-6.5 [r]	6.0	-2.0 [r]	-5.3 [r]	-3.7 [r]	-0.2 [r]	-3.7
Printing and reproduction of recorded media	7.1 [r]	12.6 [r]	8.5 [r]	33.1 [r]	33.2 [r]	30.2 [r]	12.0 [r]	8.7 [r]	19.3 [r]	27.4
Manufacture of coke and refined petroleum products	-4.8	6.7	41.9	53.6	11.5	7.7	26.1	39.2	66.9	36.2
Manufacture of chemical and chemical products	4.4	-5.6	-25.6	-34.7	-19.8	-4.4	14.4	0.2 [r]	-14.0 [r]	-15.9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	2.0	5.1	16.4	-2.6	16.4	14.7	3.7	7.0	0.3	16.6
Manufacture of rubber and plastic products	-1.8 [r]	-5.8 [r]	-8.9 [r]	-2.5 [r]	0.8 [r]	-6.8 [r]	-4.2 [r]	-4.0 [r]	-7.3 [r]	-7.6
Manufacture of other non-metallic mineral products	25.4	1.7	7.9	17.3	5.8	-7.4	-3.1	-3.3 [r]	-2.8 [r]	-6.9
Manufacture of basic metals	11.7 [r]	17.2 [r]	11.0 [r]	8.9 [r]	2.4 [r]	6.5 [r]	9.7 [r]	2.2 [r]	13.9 [r]	15.4
Manufacture of fabricated metal products, except machinery and equipment	-5.7 [r]	-6.8 [r]	-7.2	-20.4 [r]	-1.7 [r]	-35.7 [r]	-18.7	-9.5	-22.8 [r]	-12.9
Manufacture of computer, electronic and optical products	-1.1 [r]	-8.9 [r]	-4.2 [r]	-7.4 [r]	-6.7 [r]	-2.3 [r]	-14.8 [r]	-0.3 [r]	4.5 [r]	-1.3
Manufacture of electrical equipment	61.5	24.0	27.8 [r]	-4.7 [r]	34.0 [r]	25.7 [r]	18.9 [r]	20.3 [r]	26.5 [r]	31.1
Manufacture of machinery and equipment except electrical	-15.0	-12.4	-21.4 [r]	-21.4 [r]	-5.1 [r]	-15.4 [r]	-15.5 [r]	-31.5 [r]	-24.0 [r]	-20.6
Manufacture of transport equipment	34.3 [r]	30.4 [r]	22.5 [r]	33.8 [r]	34.5 [r]	26.8 [r]	20.3 [r]	10.9 [r]	5.8 [r]	1.8
Manufacture of furniture	-9.9	-20.2	-12.9	-15.5	-27.1	-17.4	-26.0	-22.0	-11.0 [r]	4.3
Other manufacturing and repair and installation of machinery and equipment	33.0	31.7	4.0	29.3	28.2	24.4	13.7	-5.6	-3.2 [r]	-8.6

a/ Less than 0.05 percent increase

[r] revised

[p] preliminary

Source: PSA

Classification: GENERAL