38.1 VALUE OF PRODUCTION INDEX (VaPI) OF KEY MANUFACTURING ENTERPRISES, BY INDUSTRY, YEAR-ON-YEAR GROWTH RATES

2018 = 100

for periods indicated

	2018	2019	2020	2020											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Manufacturing	-	**-10.9**	**-43.0**	**-6.8**	**-2.7**	**-25.0**	**-66.6**	**-74.4**	**-81.7**	**-74.1**	**-83.1**	**-59.0**	**-28.9**	**-25.4**	**-18.0**
Manufacture of food products	-	**0.7**	**-6.9**	2.3	12.2	-4.2	-18.0	-15.5	-10.6	-13.3	-10.8	-5.8	-9.1	-3.8	-4.9
Manufacture of beverages	-	**10.4**	**-14.2**	0.3	7.2	-17.9	-64.3	-29.2	-16.9	-16.6	-8.6	-4.2	-5.4	-15.6	0.2
Manufacture of tobacco products	-	**17.8**	**-40.9**	-13.0	-24.1	-52.9	-69.0	-30.9	-32.2	-39.7	-37.4	-45.9	-45.3	-53.0	-43.8
Manufacture of textiles	-	**-0.8**	**-32.9**	-2.7	-9.5	-38.6	-83.3	-54.0	-33.4	-33.5	-33.9	-33.7	-32.6	-24.9	-16.5
Manufacture of wearing apparel	-	**4.6**	**-40.5**	-14.7	-17.5	-38.7	-89.2	-72.6	-39.2	-33.0	-39.4	-35.7	-43.3	-31.4	-34.4
Manufacture of leather and related products, including footwear	-	**-4.0**	**-48.2**	-28.2	-28.3	-58.8	-74.3	-74.3	-51.4	-48.3	-51.6	-39.1	-39.9	-41.2	-43.2
Manufacture of wood, bamboo, cane, rattan articles and related products	-	**17.4**	**-37.2**	-39.4	-25.8	-12.4	-55.3	-69.4	-43.3	-17.4	-36.4	-29.9	-19.6	-31.1	-61.2
Manufacture of paper and paper products	-	**10.6**	**-13.5**	-10.0	-6.0	-27.6	-39.9	-27.7	-12.4	-10.0	-11.4	-10.0	-13.6	-5.4	15.6
Printing and reproduction of recorded media	-	**81.3**	**-28.4**	40.0	42.1	-6.6	-69.5	-16.6	-62.2	-39.1	-40.9	-28.6	-35.7	-42.7	-13.7
Manufacture of coke and refined petroleum products	-	**-43.4**	**-44.8**	-12.7	-2.0	-9.5	-20.6	-91.5	-95.0	-83.0	-94.5	-91.5	-73.4	-65.5	-47.4
Manufacture of chemical and chemical products	-	**-4.5**	**-7.7**	-8.5	-0.7	-17.9	-45.5	-30.8	-14.0	-9.4	7.6	8.9	6.2	11.7	3.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	**6.4**	**1.1**	59.1	23.8	16.9	18.7	-12.7	-25.6	-0.2	1.5	-9.1	-8.7	-18.9	4.7
Manufacture of rubber and plastic products	-	**7.9**	**-16.0**	-4.7	16.3	-32.8	-66.6	-38.6	-15.5	-16.9	-16.1	-3.3	-8.4	-5.0	3.6
Manufacture of other non-metallic mineral products	-	**11.0**	**-27.4**	-4.7	-2.0	-36.8	-74.6	-49.3	-25.8	-2.3	-22.6	-19.9	-31.5	-34.7	-22.5
Manufacture of basic metals	-	**-17.0**	**-13.5**	-2.9	-12.8	-18.6	-85.6	-54.3	-1.9	-8.7	-5.4	26.5	19.2	9.3	-4.1
Manufacture of fabricated metal products, except machinery and equipment	-	**26.8**	**-16.5**	26.1	22.7	-25.5	-72.3	-46.1	-5.2	-9.3	-22.3	-13.6	-5.0	-15.9	-16.2
Manufacture of computer, electronic and optical products	-	**-4.6**	**-26.7**	-8.9	-3.5	-27.3	-53.9	-44.1	-32.9	-31.5	-30.4	-24.6	-19.7	-24.2	-16.2
Manufacture of electrical equipment	-	**-3.5**	**-32.4**	-34.6	-21.5	-42.5	-73.4	-45.1	-27.7	-20.8	-21.9	-24.7	-22.8	-26.8	-26.6
Manufacture of machinery and equipment except electrical	-	**45.5**	**-41.3**	40.1	-1.5	-34.5	-58.4	-57.4	-50.6	-58.8	-48.0	-44.1	-51.6	-47.8	-49.2
Manufacture of transport equipment	-	**-2.9**	**-33.8**	-20.3	-18.3	-42.4	-83.1	-72.1	-39.6	-49.3	-24.4	-19.0	-17.2	-10.9	6.4
Manufacture of furniture	-	**6.7**	**-22.9**	15.7	3.0	-26.7	-83.2	-48.3	-17.0	7.3	-29.4	-31.8	-13.6	-24.5	-30.2
Other manufacturing and repair and installation of machinery and equipment	-	**-20.6**	**-11.8**	-10.7	-9.6	-25.5	-71.1	-45.8	-12.7	20.5	2.2	2.2	8.1	12.1	-7.3

[r] revised

[p] preliminary

- not available

Note: The 2020 annual percentage changes were based on the Monthly Integrated Survey of Selected Industries (MISSI) Report as of October 2021.

Source: Philippine Statistics Authority (PSA)

38.1 VALUE OF PRODUCTION INDEX (VaPI) OF KEY MANUFACTURING ENTERPRISES, BY INDUSTRY, YEAR-ON-YEAR GROWTH RATES

2018 = 100

for periods indicated

	2021									
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct [p]
Total Manufacturing	**-19.6 [r]**	**-46.9 [r]**	**-74.1 [r]**	**145.8 [r]**	**250.1 [r]**	**434.2 [r]**	**524.8 [r]**	**528.5 [r]**	**122.5 [r]**	**24.8**
Manufacture of food products	0.9 [r]	-5.6 [r]	24.1 [r]	41.8 [r]	23.0 [r]	18.5 [r]	10.1 [r]	15.0 [r]	16.3 [r]	19.0
Manufacture of beverages	-10.9 [r]	-17.5 [r]	5.4 [r]	128.1 [r]	8.8 [r]	2.9 [r]	-12.7 [r]	-15.4 [r]	-6.3 [r]	-14.0
Manufacture of tobacco products	-67.4	-64.4	-37.5	-0.6	-67.4	-61.8 [r]	-57.4 [r]	-55.8 [r]	-56.1 [r]	-58.2
Manufacture of textiles	-38.9	-26.1	4.4 [r]	256.6 [r]	99.5 [r]	-1.6 [r]	7.1	1.8	8.3	14.2
Manufacture of wearing apparel	-26.5	-34.7 [r]	-5.3 [r]	472.4 [r]	117.8 [r]	8.1 [r]	-3.8 [r]	-10.5 [r]	-1.8 [r]	-4.7
Manufacture of leather and related products, including footwear	-18.3	-27.4 [r]	62.6 [r]	120.6 [r]	149.4 [r]	38.6 [r]	5.5 [r]	8.6	2.8 [r]	2.9
Manufacture of wood, bamboo, cane, rattan articles and related products	-60.6 [r]	13.2 [r]	15.1 [r]	132.9 [r]	224.5 [r]	63.8 [r]	19.6 [r]	70.0 [r]	16.6 [r]	0.1
Manufacture of paper and paper products	-3.3	-9.0	33.9	62.1	32.6	12.1	5.9	13.8 [r]	3.9 [r]	9.0
Printing and reproduction of recorded media	-21.6	-24.0 [r]	6.9 [r]	246.1 [r]	-47.6 [r]	36.2 [r]	-11.6 [r]	5.1 [r]	-21.7 [r]	-11.3
Manufacture of coke and refined petroleum products	-53.0	-88.7	-97.4	-24.3	1,475.4	3,231.3	4,109.4	4,397.4	890.1	167.4
Manufacture of chemical and chemical products	5.7 [r]	-18.3 [r]	11.6 [r]	72.0 [r]	28.1 [r]	17.5 [r]	-5.1 [r]	-11.6 [r]	5.4 [r]	-6.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	-27.4	-26.5	-28.9	-25.8 [r]	-5.3 [r]	9.3 [r]	13.9 [r]	-24.5	-23.1 [r]	-23.4
Manufacture of rubber and plastic products	-12.2	-22.6 [r]	26.4 [r]	143.3 [r]	38.9 [r]	7.9 [r]	8.4 [r]	0.1 [r]	-3.3 [r]	-2.3
Manufacture of other non-metallic mineral products	-12.8	-4.5	55.9	293.6	107.5	33.5	2.6 [r]	34.7 [r]	29.6 [r]	51.0
Manufacture of basic metals	-24.6	-19.9	8.0	636.5	121.8	10.1	5.5 [r]	12.9 [r]	19.1 [r]	21.7
Manufacture of fabricated metal products, except machinery and equipment	19.5	27.4	102.2 [r]	531.8 [r]	252.5 [r]	139.4 [r]	128.3 [r]	162.9 [r]	165.7 [r]	176.4
Manufacture of computer, electronic and optical products	-15.1 [r]	-15.2 [r]	12.1 [r]	65.2 [r]	49.3 [r]	24.9 [r]	27.2 [r]	28.0 [r]	10.5 [r]	17.5
Manufacture of electrical equipment	30.2 [r]	20.9 [r]	84.0 [r]	252.2 [r]	72.5 [r]	49.4 [r]	39.7 [r]	34.3 [r]	41.9 [r]	37.9
Manufacture of machinery and equipment except electrical	-36.7	-36.9	-10.8 [r]	42.5 [r]	13.7 [r]	23.9 [r]	29.5 [r]	21.0 [r]	8.8 [r]	16.8
Manufacture of transport equipment	-11.4 [r]	-22.3 [r]	23.2 [r]	314.7 [r]	123.3 [r]	19.0 [r]	20.0 [r]	-2.4 [r]	-7.2 [r]	-16.2
Manufacture of furniture	-33.4	-53.8	15.3	508.2 [r]	88.5 [r]	11.6 [r]	-11.4 [r]	20.2 [r]	35.7 [r]	0.2
Other manufacturing and repair and installation of machinery and equipment	-2.3	-13.6	12.7	232.9	65.1	8.1	-17.8	-3.1 [r]	-4.7 [r]	4.1

[r] revised

[p] preliminary

- not available

Note: The 2020 annual percentage changes were based on the Monthly Integrated Survey of Selected Industries (MISSI) Report as of October 2021.

Source: Philippine Statistics Authority (PSA)