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	2019											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Manufacturing	**-**	**-10.9**	**-43.1** [r]	**5.3**	**0.1**	**1.7**	**-3.1**	**-6.3**	**-16.4**	**-50.3**	**-25.4**	**-8.4**	**-6.7**	**-10.1**	**-8.5**
Manufacture of food products	**-**	**0.7**	**-6.8** [r]	2.7	-4.9	a/	-3.8	-0.6	3.0	7.8	2.1	2.6	6.5	-0.7	-5.4
Manufacture of beverages	**-**	**10.4**	**-15.7** [r]	11.0	21.6	9.9	-3.0	10.8	20.5	6.9	-0.6	14.8	5.5	13.9	16.9
Manufacture of tobacco products	**-**	**17.8**	**-41.0**	9.5	1.8	1.6	-27.0	19.4	-0.4	43.7	62.3	62.1	43.7	16.5	9.6
Manufacture of textiles	**-**	**-0.8**	**-32.9**	19.4	15.7	18.3	-2.2	1.1	a/	-3.8	-6.5	-5.9	-7.0	-10.7	-21.7
Manufacture of wearing apparel	**-**	**4.6**	**-40.5**	5.7	11.1	8.3	10.3	1.0	-1.6	4.1	-0.8	-1.4	9.9	5.1	5.6
Manufacture of leather and related products, including footwear	**-**	**-4.0**	**-48.2**	-3.4	-4.6	-7.8	-6.2	-5.7	-5.1	1.4	-1.5	-8.2	-2.9	-3.4	0.2
Manufacture of wood, bamboo, cane, rattan articles and related products	**-**	**17.4**	**-37.3**	42.1	33.9	18.1	6.7	21.2	6.4	50.9	-3.1	23.0	7.1	1.7	3.0
Manufacture of paper and paper products	**-**	**10.6**	**-13.7** [r]	18.3	18.7	21.5	15.6	9.2	9.7	8.3	3.6	10.8	8.9	4.8	-0.2
Printing and reproduction of recorded media	**-**	**81.3**	**-31.1** [r]	-6.2	21.4	41.6	16.4	191.7	201.2	68.4	59.1	113.8	100.4	136.9	52.6
Manufacture of coke and refined petroleum products	**-**	**-43.4**	**-44.8**	-7.7	-6.6	-19.1	-22.5	-43.0	-67.1	-93.9	-81.4	-46.2	-34.6	-35.2	-48.6
Manufacture of chemical and chemical products	**-**	**-4.5**	**-7.7** [r]	4.5	-3.5	1.7	-12.9	-10.5	-11.2	5.6	-7.6	-8.3	-5.6	-8.5	5.0
Manufacture of rubber and plastic products	**-**	**7.9**	**-15.1** [r]	15.8	8.2	13.6	10.7	12.8	13.8	5.6	7.9	4.3	3.5	2.6	-2.3
Manufacture of other non-metallic mineral products	**-**	**11.0**	**-27.4**	15.8	1.0	12.1	18.7	10.1	13.3	5.9	9.1	13.0	12.5	12.6	8.5
Manufacture of basic metals	**-**	**-17.0**	**-13.7** [r]	-10.4	-7.6	-6.4	-18.1	-13.8	-23.3	-12.3	0.5	-31.2	-20.8	-33.7	-24.6
Manufacture of fabricated metal products, except machinery and equipm	**-**	**26.8**	**-16.5** [r]	1.3	21.7	19.2	38.9	46.0	14.4	43.6	28.7	46.9	15.9	29.0	21.6
Manufacture of machinery and equipment except electrical	**-**	**45.5**	**-41.3** [r]	-4.3	51.6	68.4	47.2	58.2	43.9	89.8	33.3	53.1	38.1	31.8	41.2
Manufacture of electrical equipment	**-**	**-3.5**	**-28.6** [r]	6.4	-5.2	-2.3	2.0	-4.2	-13.3	-4.0	-5.9	-5.4	-12.5	2.6	3.2
Manufacture of transport equipment	**-**	**-2.9**	**-33.8** [r]	14.3	12.8	17.2	-6.2	20.4	-8.9	3.2	-19.9	-12.3	-10.1	-23.8	-12.5
Manufacture of furniture	**-**	**6.7**	**-22.9** [r]	-2.2	22.9	11.5	16.7	-3.1	-3.4	20.2	-5.0	12.8	6.3	-2.6	15.4
Other manufacturing and repair and installation of machinery and equipm	**-**	**-20.6**	**-11.8** [r]	-3.0	-3.2	-8.5	-13.6	-19.5	-17.6	-18.0	-31.7	-25.3	-34.2	-37.6	-24.4

[a/] Less than 0.05 percent increase
[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 February 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

	2020												2021	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan r	Feb p
Total Manufacturing	**-6.5** r	**-2.6** r	**-24.6** r	**-66.6** r	**-74.4** r	**-81.7** r	**-74.1** r	**-83.1** r	**-59.0** r	**-28.9** r	**-26.6** r	**-18.7** r	**-16.7** r	**-46.5**
Manufacture of food products	2.3 r	12.2 r	-4.2 r	-18.0 r	-15.5 r	-10.6 r	-13.3 r	-10.8 r	-5.8 r	-9.2	-3.8 r	-2.9 r	-2.0	-6.5
Manufacture of beverages	-2.1 r	4.8 r	-19.1 r	-64.6 r	-29.8 r	-18.0 r	-18.3 r	-10.1 r	-5.5 r	-7.1 r	-17.1 r	-1.6 r	-8.7	-13.5
Manufacture of tobacco products	-13.0	-24.1	-52.9	-69.0	-30.9	-32.2	-39.7	-37.4	-45.9	-45.9	-53.4	-44.3	-39.3	-29.5
Manufacture of textiles	-2.7	-9.5	-38.6	-83.3	-54.0	-33.4	-33.5	-33.9	-33.7	-32.6	-24.8	-16.5	-44.0	-33.2
Manufacture of wearing apparel	-14.7	-17.5	-38.7	-89.2	-72.6	-39.2	-33.0	-39.4	-35.7	-43.3	-31.4	-34.4	-24.5	-29.9
Manufacture of leather and related products, including footwear	-28.2	-28.3	-58.8	-74.3	-74.3	-51.4	-48.3	-51.6	-39.1	-39.9	-41.2	-43.2	-14.9	-21.2
Manufacture of wood, bamboo, cane, rattan articles and related products	-39.4	-25.8	-12.4	-55.3	-69.4	-43.3	-17.4	-36.4 r	-29.9	-19.5 r	-31.1 r	-61.3 r	-53.1	-17.1
Manufacture of paper and paper products	-10.0 r	-6.0 r	-27.6 r	-39.9 r	-27.7 r	-12.4 r	-10.0 r	-11.4 r	-10.0 r	-13.7 r	-5.4 r	14.1 r	1.7	-2.6
Printing and reproduction of recorded media	40.0 r	42.1 r	-6.6 r	-69.5 r	-16.6 r	-62.2 r	-45.0 r	-45.9 r	-33.6 r	-41.1	-46.9 r	-18.1 r	0.6	-12.8
Manufacture of coke and refined petroleum products	-12.7 r	-2.0 r	-9.5 r	-20.6 r	-91.5	-95.0	-83.0	-94.5 r	-91.5 r	-73.4	-65.5 r	-47.4 r	-53.0	-89.3
Manufacture of chemical and chemical products	-8.5 r	-0.7 r	-17.9 r	-45.5 r	-30.7 r	-14.0 r	-9.4 r	7.6 r	8.9 r	6.3 r	11.7 r	3.5 r	6.2	-9.9
Manufacture of rubber and plastic products	-4.2 r	15.8 r	-31.6 r	-66.6 r	-36.4 r	-13.8 r	-15.2 r	-14.0 r	-1.6 r	-8.4 r	-5.0 r	3.6 r	-7.1	-15.3
Manufacture of other non-metallic mineral products	-4.7	-2.0 r	-36.8	-74.6	-49.3	-25.8	-2.3	-22.6	-19.9	-31.5	-34.7	-22.5	-12.2	-4.1
Manufacture of basic metals	-3.1 r	-12.9 r	-18.6 r	-85.5 r	-54.3 r	-2.0 r	-8.8 r	-5.5 r	26.2 r	18.9 r	8.8 r	-4.5 r	-8.8	-5.3
Manufacture of fabricated metal products, except machinery and equipm	26.1 r	22.7 r	-25.5 r	-72.3 r	-46.1 r	-5.2 r	-9.3 r	-22.3 r	-13.6 r	-5.0 r	-15.9 r	-16.3 r	-1.2	17.5
Manufacture of machinery and equipment except electrical	40.1	-1.5	-34.5	-58.4	-57.4	-50.6	-58.8 r	-48.0	-44.1 r	-51.6 r	-47.8 r	-49.1 r	-49.5	-50.8
Manufacture of electrical equipment	-26.2 r	-15.7 r	-37.8 r	-74.1 r	-39.7 r	-25.0 r	-20.0 r	-22.6 r	-19.6 r	-20.6 r	-23.1 r	-17.7 r	17.0	9.3
Manufacture of transport equipment	-20.5 r	-18.3 r	-41.5 r	-82.8 r	-72.1 r	-39.9 r	-49.5 r	-25.0 r	-19.1 r	-17.3 r	-10.9 r	6.2 r	6.8	-9.2
Manufacture of furniture	15.7 r	3.0 r	-26.7 r	-83.2 r	-48.3 r	-17.0 r	7.3 r	-29.4 r	-31.8 r	-13.6 r	-24.6 r	-30.2 r	-31.8	-33.6
Other manufacturing and repair and installation of machinery and equipn	-10.7 r	-9.6 r	-25.5 r	-71.1 r	-45.8 r	-12.7 r	20.5 r	2.2 r	2.2 r	8.1 r	12.1 r	-7.4 r	-17.7	-23.1

[a/] Less than 0.05 percent increase
[r] revised
[p] preliminary
Note: The 2020 annual percentage changes were based on the Monthly Integrated Survey of Selected Industries (MISSI) Report as of February 2021.
Source: Philippine Statistics Authority (PSA)