39.1 VOLUME OF PRODUCTION INDEX (VoPI) OF KEY MANUFACTURING ENTERPRISES, BY INDUSTRY, YEAR-ON-YEAR GROWTH RATES

2018 = 100
for periods indicated

				2019											
	2018	2019	2020	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Manufacturing	**-**	**-8.8**	**-40.6** [r]	**3.4**	**-0.9**	**0.5**	**-2.0**	**-4.3**	**-14.0**	**-48.3**	**-22.4**	**-4.3**	**-2.0**	**-5.7**	**-4.6**
Manufacture of food products	**-**	**2.5**	**-6.4** [r]	1.6	-4.9	0.7	-2.5	1.0	5.2	10.1	5.1	6.2	10.4	2.0	-3.2
Manufacture of beverages	**-**	**11.4**	**-17.2** [r]	12.1	22.8	11.3	-2.2	11.8	21.6	7.9	a/	15.6	6.2	14.7	17.7
Manufacture of tobacco products	**-**	**10.9**	**-41.9**	2.8	-9.0	-9.1	-35.1	6.8	-3.1	39.1	56.7	57.6	40.8	14.6	8.0
Manufacture of textiles	**-**	**1.8**	**-30.9**	13.4	12.4	14.7	1.8	4.3	4.7	0.7	-2.2	-1.6	-1.6	-4.7	-17.6
Manufacture of wearing apparel	**-**	**10.7**	**-37.7**	-0.3	9.2	5.1	6.1	3.8	5.9	13.2	9.9	9.9	25.8	23.0	19.9
Manufacture of leather and related products, including footwear	**-**	**2.1**	**-47.5**	-0.9	-2.8	-6.2	-4.5	-1.7	5.0	7.2	6.7	-0.7	9.4	9.3	5.3
Manufacture of wood, bamboo, cane, rattan articles and related products	**-**	**21.8**	**-34.1**	44.0	38.0	7.8	2.4	20.9	8.9	65.5	3.0	32.8	15.1	13.4	12.6
Manufacture of paper and paper products	**-**	**8.8**	**-9.3** [r]	14.1	14.9	15.0	10.6	5.8	8.1	8.1	3.1	10.2	9.7	5.6	0.9
Printing and reproduction of recorded media	**-**	**78.4**	**-33.9** [r]	-10.6	15.7	37.0	12.6	182.3	200.3	68.3	59.0	113.8	100.3	136.9	52.5
Manufacture of coke and refined petroleum products	**-**	**-43.4**	**-33.5** [r]	-7.2	-7.1	-19.5	-21.7	-42.1	-65.6	-93.6	-80.5	-46.9	-34.8	-37.0	-51.0
Manufacture of chemical and chemical products	**-**	**-1.0**	**-3.8** [r]	1.8	-4.3	3.7	-10.4	-7.7	-8.9	10.2	-2.4	-2.7	0.7	-1.7	11.9
Manufacture of rubber and plastic products	**-**	**6.1**	**-14.1** [r]	11.7	4.3	10.6	8.1	10.3	10.8	4.8	6.6	3.3	2.8	3.3	-2.1
Manufacture of other non-metallic mineral products	**-**	**5.6**	**-26.6**	5.1	-6.5	4.1	11.7	4.0	9.1	1.2	5.3	8.3	10.0	9.4	5.8
Manufacture of basic metals	**-**	**-6.4**	**-6.1** [r]	-10.0	-4.4	-3.0	-7.4	4.5	-13.5	2.4	19.1	-19.8	-6.8	-19.7	-14.3
Manufacture of fabricated metal products, except machinery and equipme	**-**	**27.8**	**-14.4** [r]	-0.6	19.4	15.6	37.8	46.9	14.3	42.7	28.2	51.9	22.1	33.1	26.5
Manufacture of machinery and equipment except electrical	**-**	**48.9**	**-40.7** [r]	-7.2	47.4	68.3	48.8	58.3	48.1	101.9	38.5	62.1	46.3	36.9	46.5
Manufacture of electrical equipment	**-**	**-6.0**	**-27.2** [r]	0.9	-10.5	-7.7	-3.7	-9.7	-13.8	-4.3	-6.3	-5.8	-12.7	2.4	2.5
Manufacture of transport equipment	**-**	**2.6**	**-29.7** [r]	14.6	14.5	16.5	0.1	29.4	-2.4	10.5	-16.1	-5.1	-0.8	-17.2	-4.8
Manufacture of furniture	**-**	**9.3**	**-17.6** [r]	-7.3	17.4	5.2	18.1	-2.2	4.9	24.8	-0.2	20.8	14.6	3.0	22.7
Other manufacturing and repair and installation of machinery and equipm	**-**	**-23.1**	**-10.1** [r]	-11.0	-10.0	-13.1	-14.9	-20.1	-19.0	-19.3	-34.4	-27.1	-35.1	-38.9	-24.9

[a/] Less than 0.05 percent decrease
- not available
[r] revised
[p] preliminary
Note: The 2020 annual percentages were based on the Monthly Integrated Survey of Selected Industries (MISSI) Report as of February 2021.
Source: Philippine Statistics Authority (PSA)

39.1 VOLUME OF PRODUCTION INDEX (VoPI) 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	**-3.1 [r]**	**0.4 [r]**	**-19.9 [r]**	**-64.8 [r]**	**-73.2 [r]**	**-80.6 [r]**	**-72.8 [r]**	**-82.2 [r]**	**-56.7 [r]**	**-25.5 [r]**	**-23.1 [r]**	**-15.6 [r]**	**-12.0**	**-43.6**
Manufacture of food products	4.9 [r]	14.0 [r]	-3.2 [r]	-17.5 [r]	-15.2 [r]	-10.0 [r]	-12.5 [r]	-10.6 [r]	-5.6 [r]	-10.1 [r]	-4.8 [r]	-4.6 [r]	-4.1	-8.1
Manufacture of beverages	-2.8 [r]	3.7 [r]	-20.9 [r]	-65.3 [r]	-30.8 [r]	-19.7 [r]	-19.9 [r]	-11.9 [r]	-7.5 [r]	-9.1 [r]	-19.0 [r]	-3.9 [r]	-11.4	-15.9
Manufacture of tobacco products	-18.0	-26.6	-54.5	-69.6	-33.0	-32.6	-39.6	-37.1	-46.0	-46.3	-54.0	-45.0	-39.9	-28.3
Manufacture of textiles	5.2	-4.6	-34.6	-83.2	-52.4	-33.1	-32.4	-33.0	-32.1	-31.1	-23.4	-15.1	-43.9	-32.6
Manufacture of wearing apparel	-6.0	-12.5	-34.0	-88.1	-70.9	-38.5	-30.9	-35.9	-33.8	-41.7	-30.7	-32.7	-22.5	-26.6
Manufacture of leather and related products, including footwear	-25.6	-26.5	-57.2	-73.3	-73.7	-51.6	-47.3	-50.7	-38.7	-40.9	-42.3	-43.2	-12.5	-18.3
Manufacture of wood, bamboo, cane, rattan articles and related products	-34.4	-21.0	-3.7 [r]	-52.0	-66.3	-37.8	-15.3	-33.2	-28.3	-19.3 [r]	-31.8	-61.3	-53.0	-14.2
Manufacture of paper and paper products	-9.0 [r]	-4.3 [r]	-25.3 [r]	-36.9 [r]	-22.9 [r]	-6.3 [r]	-4.6 [r]	-6.1 [r]	-3.5 [r]	-8.8 [r]	-0.1 [r]	20.5 [r]	9.3	2.6
Printing and reproduction of recorded media	33.8 [r]	35.8 [r]	-10.3 [r]	-70.7 [r]	-19.9 [r]	-63.7 [r]	-47.2 [r]	-48.0 [r]	-36.2 [r]	-43.5 [r]	-49.0 [r]	-21.4 [r]	1.1	-12.4
Manufacture of coke and refined petroleum products	-17.7 [r]	-8.1 [r]	22.3 [r]	12.9 [r]	-88.6	-93.4	-77.5	-92.7	-87.8	-62.7 [r]	-50.7	-26.4 [r]	-35.5	-85.4
Manufacture of chemical and chemical products	-3.2 [r]	4.7 [r]	-15.5 [r]	-44.3 [r]	-27.5 [r]	-8.9 [r]	-4.2 [r]	13.5 [r]	11.7 [r]	10.5 [r]	14.6 [r]	5.1 [r]	7.1	-10.2
Manufacture of rubber and plastic products	-2.4 [r]	17.7 [r]	-30.9 [r]	-66.1 [r]	-35.6 [r]	-12.5 [r]	-14.5 [r]	-13.0 [r]	-0.4 [r]	-7.2 [r]	-4.2 [r]	4.4 [r]	-7.4	-15.5
Manufacture of other non-metallic mineral products	-3.9	-0.3	-35.5	-74.4	-49.0	-26.0	-0.7	-22.1	-18.4	-30.5	-34.2	-22.1	-10.5	-3.0
Manufacture of basic metals	11.3 [r]	-1.7 [r]	-4.5 [r]	-83.5 [r]	-50.8 [r]	6.1 [r]	-3.8 [r]	-2.5 [r]	31.4 [r]	27.9 [r]	14.4 [r]	1.0 [r]	-9.9	-7.5
Manufacture of fabricated metal products, except machinery and equipme	30.9 [r]	26.5 [r]	-22.6 [r]	-71.0 [r]	-45.1 [r]	-2.8 [r]	-6.4 [r]	-20.0 [r]	-12.5 [r]	-4.7 [r]	-14.3 [r]	-14.8 [r]	0.4	18.7
Manufacture of machinery and equipment except electrical	41.6	-0.6	-33.7	-58.4	-57.6	-49.6	-58.6 [r]	-46.2	-43.1 [r]	-51.3 [r]	-46.0 [r]	-48.1 [r]	-47.7	-48.5
Manufacture of electrical equipment	-26.1 [r]	-15.3 [r]	-37.4 [r]	-73.8 [r]	-39.0 [r]	-23.8 [r]	-18.4 [r]	-20.6 [r]	-16.9 [r]	-18.3 [r]	-20.8 [r]	-15.4 [r]	18.9	11.2
Manufacture of transport equipment	-14.1 [r]	-11.1 [r]	-35.0 [r]	-82.4 [r]	-71.0 [r]	-36.8 [r]	-47.0 [r]	-18.9 [r]	-14.6 [r]	-14.0 [r]	-6.3 [r]	10.0 [r]	8.6	-8.7
Manufacture of furniture	23.9 [r]	9.9 [r]	-20.4 [r]	-82.3 [r]	-45.0 [r]	-12.3 [r]	14.6 [r]	-23.3 [r]	-26.7 [r]	-7.3 [r]	-19.5 [r]	-25.8 [r]	-28.2	-30.3
Other manufacturing and repair and installation of machinery and equipm	-8.5 [r]	-6.9 [r]	-25.4 [r]	-71.2 [r]	-45.7 [r]	-11.8 [r]	21.7 [r]	5.0 [r]	4.9 [r]	11.2 [r]	14.7 [r]	-5.5 [r]	-15.3	-21.3

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