## 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** | **-43.2** [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** | **-6.9** [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** | 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** | **-40.9** [r] | 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** | **-37.2** [r] | 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** | **-13.5** [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** | **-28.4** [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** | 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** | **-16.0** [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** | **-13.5** [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 equipment | - | **26.8** | **-16.5** | 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** | -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** | **-32.3** [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** | 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** | -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 equipment | - | **-20.6** | **-11.8** | -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

- not available

[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)

## 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 | Feb | Mar [p] |
| **Total Manufacturing** | **-6.9** [r] | **-2.9** [r] | **-25.1** [r] | **-66.6** | **-74.4** | **-81.7** | **-74.1** | **-83.1** | **-59.0** | **-28.9** | **-26.7** [r] | **-19.1** [r] | **-18.6** [r] | **-46.4** [r] | **-74.2** |
| Manufacture of food products | 2.3 | 12.2 | -4.2 | -18.0 | -15.5 | -10.6 | -13.3 | -10.8 | -5.8 | -9.2 | -3.8 | -4.9 [r] | -8.2 [r] | -12.0 [r] | 2.0 |
| Manufacture of beverages | -2.1 | 4.8 | -19.1 | -64.6 | -29.8 | -18.0 | -18.3 | -10.1 | -5.5 | -7.1 | -17.1 | -1.6 | -8.4 [r] | -15.4 [r] | 9.2 |
| Manufacture of tobacco products | -13.0 | -24.1 | -52.9 | -69.0 | -30.9 | -32.2 | -39.7 | -37.4 | -45.9 | -45.4 [r] | -53.0 [r] | -43.7 [r] | -67.3 [r] | -64.4 [r] | -45.4 |
| 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 | -37.2 [r] | -27.1 [r] | -1.3 |
| 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 | -24.1 [r] | -28.2 [r] | 8.7 |
| 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 | -14.8 [r] | -20.5 [r] | 51.0 |
| 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 | -29.9 | -19.5 | -31.1 | -61.2 [r] | 18.6 [r] | 13.7 [r] | 14.1 |
| Manufacture of paper and paper products | -10.0 | -6.0 | -27.6 | -39.9 | -27.7 | -12.4 | -10.0 | -11.4 | -10.0 | -13.7 | -5.4 | 15.6 [r] | -9.6 [r] | -8.4 [r] | 25.6 |
| Printing and reproduction of recorded media | 40.0 | 42.1 | -6.6 | -69.5 | -16.6 | -62.2 | -39.1 [r] | -40.9 [r] | -28.6 [r] | -35.7 [r] | -42.7 [r] | -13.7 [r] | -2.9 [r] | -16.0 [r] | 51.1 |
| Manufacture of coke and refined petroleum products | -12.7 | -2.0 | -9.5 | -20.6 | -91.5 | -95.0 | -83.0 | -94.5 | -91.5 | -73.4 | -65.5 | -47.4 | -53.0 | -88.6 [r] | -97.3 |
| Manufacture of chemical and chemical products | -8.5 | -0.7 | -17.9 | -45.5 | -30.8 [r] | -14.0 | -9.4 | 7.6 | 8.9 | 6.3 | 11.7 | 3.5 | 7.0 [r] | -11.0 [r] | 5.7 |
| Manufacture of rubber and plastic products | -4.7 [r] | 16.3 [r] | -32.8 [r] | -66.6 | -38.6 [r] | -15.5 [r] | -16.9 [r] | -16.1 [r] | -3.3 [r] | -8.4 | -5.0 | 3.5 [r] | -6.9 [r] | -15.4 [r] | 39.0 |
| Manufacture of other non-metallic mineral products | -4.7 | -2.0 | -36.8 | -74.6 | -49.3 | -25.8 | -2.3 | -22.6 | -19.9 | -31.5 | -34.7 | -22.5 | -11.4 [r] | -6.1 [r] | 44.0 |
| Manufacture of basic metals | -2.9 [r] | -12.8 [r] | -18.6 | -85.6 [r] | -54.3 | -1.9 [r] | -8.7 [r] | -5.4 [r] | 26.5 [r] | 19.2 [r] | 9.3 [r] | -4.0 [r] | -8.2 [r] | -6.9 [r] | 15.6 |
| Manufacture of fabricated metal products, except machinery and equipment | 26.1 | 22.7 | -25.5 | -72.3 | -46.1 | -5.2 | -9.3 | -22.3 | -13.6 | -5.0 | -15.9 | -16.3 | 9.0 [r] | 25.9 [r] | 84.9 |
| Manufacture of machinery and equipment except electrical | 40.1 | -1.5 | -34.5 | -58.4 | -57.4 | -50.6 | -58.8 | -48.0 | -44.1 | -51.6 | -47.8 | -49.1 | -49.5 | -54.1 [r] | -39.3 |
| Manufacture of electrical equipment | -34.6 [r] | -21.5 [r] | -42.5 [r] | -73.4 [r] | -45.1 [r] | -27.7 [r] | -20.8 [r] | -21.9 [r] | -24.7 [r] | -22.1 [r] | -26.1 [r] | -26.0 [r] | 15.0 [r] | 0.5 [r] | 33.6 |
| Manufacture of transport equipment | -20.3 [r] | -18.3 | -42.4 [r] | -83.1 [r] | -72.1 | -39.6 [r] | -49.3 [r] | -24.4 [r] | -19.0 [r] | -17.2 [r] | -10.9 | 6.4 [r] | 3.7 [r] | -11.7 [r] | 23.0 |
| Manufacture of furniture | 15.7 | 3.0 | -26.7 | -83.2 | -48.3 | -17.0 | 7.3 | -29.4 | -31.8 | -13.6 | -24.6 | -30.2 | -33.5 [r] | -24.7 [r] | 23.9 |
| Other manufacturing and repair and installation of machinery and equipment | -10.7 | -9.6 | -25.5 | -71.1 | -45.8 | -12.7 | 20.5 | 2.2 | 2.2 | 8.1 | 12.1 | -7.4 | -25.2 [r] | -19.3 [r] | 15.0 |

[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)