## 39 VOLUME OF PRODUCTION INDEX (VoPI) OF KEY MANUFACTURING ENTERPRISES, BY INDUSTRY

2018 = 100

for periods indicated

| | 2018 | 2019 | ### | 2019 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| **Total Manufacturing** | **100.0** | **91.2** | **54.2** [r] | **99.1** | **96.6** | **103.5** | **96.3** | **93.8** | **86.9** | **52.3** | **79.7** | **94.0** | **101.5** | **98.1** | **92.2** |
| **Annual Percent Change** | | **-8.8** | **-40.5** [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 | **100.0** | **102.5** | **95.8** | 102.0 | 95.6 | 108.6 | 98.9 | 107.5 | 102.7 | 106.8 | 103.0 | 98.5 | 107.4 | 102.9 | 96.8 |
| Manufacture of beverages | **100.0** | **111.4** | **93.8** [r] | 102.3 | 98.6 | 115.1 | 102.6 | 116.3 | 124.5 | 109.3 | 103.4 | 113.7 | 111.6 | 115.3 | 123.6 |
| Manufacture of tobacco products | **100.0** | **110.9** | **64.5** | 88.3 | 86.4 | 92.5 | 87.8 | 121.7 | 116.2 | 130.2 | 120.1 | 127.7 | 136.7 | 121.9 | 101.2 |
| Manufacture of textiles | **100.0** | **101.8** | **70.3** | 105.2 | 103.2 | 108.7 | 98.8 | 106.2 | 105.5 | 103.9 | 101.5 | 101.0 | 106.8 | 97.8 | 82.6 |
| Manufacture of wearing apparel | **100.0** | **110.7** | **69.0** | 102.6 | 102.8 | 109.6 | 98.4 | 105.5 | 117.9 | 114.7 | 113.4 | 111.2 | 117.1 | 114.2 | 121.5 |
| Manufacture of leather and related products, including footwear | **100.0** | **102.1** | **53.6** | 99.4 | 96.5 | 97.6 | 94.6 | 100.3 | 105.4 | 103.6 | 106.0 | 101.6 | 108.4 | 106.7 | 105.0 |
| Manufacture of wood, bamboo, cane, rattan articles and related pr | **100.0** | **121.8** | **80.2** | 247.0 | 114.3 | 97.7 | 88.6 | 93.9 | 98.4 | 104.7 | 107.0 | 119.2 | 122.4 | 110.2 | 157.6 |
| Manufacture of paper and paper products | **100.0** | **108.8** | **98.9** | 117.0 | 108.4 | 114.6 | 107.3 | 110.9 | 105.8 | 109.8 | 105.3 | 107.3 | 113.6 | 107.5 | 98.4 |
| Printing and reproduction of recorded media | **100.0** | **178.4** | **122.5** | 105.9 | 109.5 | 118.2 | 105.9 | 261.5 | 283.6 | 187.6 | 184.6 | 214.1 | 214.4 | 207.9 | 148.2 |
| Manufacture of coke and refined petroleum products | **100.0** | **56.6** | **37.6** | 89.8 | 84.1 | 81.3 | 73.2 | 34.6 | 30.5 | 7.2 | 22.1 | 55.4 | 76.8 | 71.7 | 52.2 |
| Manufacture of chemical and chemical products | **100.0** | **99.0** | **95.2** | 99.3 | 93.3 | 102.0 | 94.9 | 105.2 | 94.7 | 115.1 | 99.5 | 88.4 | 100.2 | 95.3 | 99.5 |
| Manufacture of rubber and plastic products | **100.0** | **106.1** | **90.2** | 103.7 | 98.3 | 107.8 | 106.2 | 106.5 | 110.1 | 110.0 | 111.6 | 102.8 | 113.1 | 106.1 | 97.1 |
| Manufacture of other non-metallic mineral products | **100.0** | **105.6** | **77.5** | 105.8 | 94.5 | 109.8 | 99.1 | 106.9 | 103.7 | 105.5 | 107.8 | 104.8 | 112.3 | 117.9 | 98.6 |
| Manufacture of basic metals | **100.0** | **93.6** | **88.0** | 96.9 | 104.5 | 102.1 | 85.9 | 111.8 | 93.2 | 102.5 | 98.0 | 71.4 | 75.0 | 82.0 | 99.8 |
| Manufacture of fabricated metal products, except machinery and | **100.0** | **127.8** | **109.4** | 96.6 | 103.9 | 134.3 | 119.3 | 131.5 | 118.1 | 143.6 | 145.4 | 149.1 | 136.0 | 134.7 | 120.5 |
| Manufacture of machinery and equipment except electrical | **100.0** | **148.9** | **88.4** | 98.4 | 141.2 | 157.4 | 150.4 | 165.9 | 144.3 | 191.3 | 148.3 | 154.6 | 163.5 | 140.4 | 131.4 |
| Manufacture of electrical equipment | **100.0** | **94.0** | **64.8** [r] | 94.8 | 88.1 | 99.2 | 93.0 | 94.5 | 87.5 | 93.4 | 96.1 | 95.9 | 98.0 | 96.8 | 90.9 |
| Manufacture of transport equipment | **100.0** | **102.6** | **72.1** | 103.0 | 110.1 | 111.3 | 99.6 | 121.0 | 98.4 | 112.0 | 88.2 | 99.3 | 109.0 | 93.5 | 86.3 |
| Manufacture of furniture | **100.0** | **109.3** | **90.1** | 101.0 | 114.4 | 107.5 | 98.6 | 107.6 | 102.0 | 108.2 | 116.8 | 111.1 | 109.8 | 112.5 | 122.7 |
| Other manufacturing and repair and installation of machinery anc | **100.0** | **76.9** | **69.2** | 82.4 | 85.0 | 84.2 | 77.4 | 77.7 | 78.0 | 81.8 | 70.5 | 72.7 | 78.6 | 72.8 | 62.2 |

[r] revised

[p] preliminary

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

[1] Starting January 2008, a revised industry disaggregation of the MISSI indices was adopted to conform to the 1994 PSIC groupings. Rubber and Plastic Products is now a new major sector consisting of two sub

Products & Plastic Products. Rubber Products was previously a major sector while Plastic Products was one of the sub-sectors of Chemical Products.

[2] Due to closure of a big establishment which is setting the trend, index for the leather products sector went down.

[3] Monthly and annual averages and percentages were derived using index of one decimal.

[2] Less than 0.1 percent decrease

Source: Philippine Statistics Authority (PSA)

## 39 VOLUME OF PRODUCTION INDEX (VoPI) OF KEY MANUFACTURING ENTERPRISES, BY INDUSTRY

2018 = 100
for periods indicated

| | 2020 | | | | | | | | | | | | 2021 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
| **Total Manufacturing** | **95.7 r** | **96.8 r** | **82.5 r** | **33.9 r** | **25.1** | **16.8** | **14.2** | **14.2** | **40.7** | **75.7 r** | **76.7 r** | **78.6 r** | **83.2 r** | **54.3 r** | **22.0 r** | **88.7 P** |
| **Annual Percent Change** | **-3.4 r** | **0.2 r** | **-20.3 r** | **-64.8 r** | **-73.2** | **-80.6** | **-72.8** | **-82.2** | **-56.7** | **-25.4 r** | **-21.8 r** | **-14.8 r** | **-13.0 r** | **-43.9 r** | **-73.3 r** | **162.1 P** |
| Manufacture of food products | 106.9 | 109.0 | 105.1 | 81.5 | 91.1 | 92.5 | 93.5 | 92.1 | 93.0 | 96.6 | 98.0 | 90.5 | 106.5 r | 100.3 r | 115.3 r | 112.9 P |
| Manufacture of beverages | 101.8 r | 104.5 r | 92.3 r | 35.9 r | 81.2 r | 101.4 r | 89.4 r | 92.6 r | 106.6 r | 103.2 r | 95.2 r | 121.0 r | 90.6 r | 85.6 r | 99.2 r | 94.4 P |
| Manufacture of tobacco products | 72.4 | 63.4 | 42.1 | 26.7 | 81.5 | 78.3 | 78.7 | 75.5 | 68.9 | 74.1 | 56.6 | 56.2 | 23.4 | 22.9 | 26.8 r | 29.5 P |
| Manufacture of textiles | 110.7 | 98.5 | 71.1 | 16.6 | 50.6 | 70.6 | 70.3 | 68.0 | 68.6 | 73.6 | 74.9 | 70.2 | 65.9 r | 71.9 r | 76.4 r | 71.5 P |
| Manufacture of wearing apparel | 96.5 | 89.9 | 72.3 | 11.7 | 30.7 | 72.5 | 79.3 | 72.7 | 73.7 | 68.2 | 79.1 | 81.8 | 72.5 r | 62.7 r | 73.4 r | 76.5 P |
| Manufacture of leather and related products, including footwear | 73.9 | 71.0 | 41.8 | 25.2 | 26.4 | 51.0 | 54.6 | 52.3 | 62.3 | 64.0 | 61.6 | 59.6 | 62.3 r | 57.5 r | 71.8 r | 62.8 P |
| Manufacture of wood, bamboo, cane, rattan articles and related pr | 162.1 | 90.3 | 94.0 | 42.6 | 31.6 | 61.2 | 88.7 | 71.5 | 85.5 | 98.7 | 75.2 | 61.1 | 193.1 r | 105.7 r | 120.5 r | 100.3 P |
| Manufacture of paper and paper products | 106.5 | 103.7 | 85.6 | 67.7 | 85.5 | 99.1 | 104.8 | 98.8 | 103.6 | 103.6 | 107.3 | 120.3 | 110.6 r | 99.5 r | 119.7 r | 112.2 P |
| Printing and reproduction of recorded media | 141.7 | 148.7 | 106.0 | 31.1 | 209.6 | 102.8 | 109.7 | 104.7 | 146.9 | 132.3 | 114.3 | 122.8 | 130.0 r | 115.7 r | 158.8 r | 164.6 P |
| Manufacture of coke and refined petroleum products | 73.9 | 77.3 | 99.4 | 82.6 | 3.9 | 2.0 | 1.6 | 1.6 | 6.8 | 28.7 | 35.3 | 38.4 | 47.6 r | 11.8 r | 2.5 r | 56.0 P |
| Manufacture of chemical and chemical products | 96.1 | 97.7 | 86.3 | 52.8 | 76.2 | 86.3 | 110.2 | 112.9 | 98.8 | 110.8 r | 109.3 r | 104.7 r | 87.2 r | 73.5 r | 88.3 r | 71.8 P |
| Manufacture of rubber and plastic products | 100.8 | 116.2 | 73.3 | 36.0 | 66.3 | 94.4 | 92.1 | 94.8 | 100.7 | 104.9 | 101.6 | 101.3 | 94.3 r | 98.9 r | 100.6 r | 96.4 P |
| Manufacture of other non-metallic mineral products | 101.7 | 94.2 | 70.8 | 25.4 | 54.5 | 76.7 | 104.8 | 83.9 | 85.6 | 78.1 | 77.6 | 76.8 | 94.4 r | 92.5 r | 107.6 r | 103.3 P |
| Manufacture of basic metals | 108.1 | 102.9 | 97.6 | 14.0 | 54.4 | 99.0 | 99.8 | 95.7 | 93.8 | 96.0 | 93.7 | 100.9 | 93.1 r | 86.7 r | 111.0 r | 110.2 P |
| Manufacture of fabricated metal products, except machinery and | 126.5 | 131.4 | 104.0 | 34.6 | 72.2 | 114.8 | 134.4 | 116.3 | 130.4 | 129.6 | 115.4 | 102.6 | 139.5 r | 172.0 r | 218.0 r | 245.6 P |
| Manufacture of machinery and equipment except electrical | 139.4 | 140.4 | 104.4 | 62.6 | 70.4 | 72.7 | 79.2 | 79.8 | 87.9 | 79.7 | 75.8 | 68.2 | 87.3 r | 80.6 r | 82.6 r | 84.9 P |
| Manufacture of electrical equipment | 62.0 | 69.5 | 57.4 | 25.0 | 52.4 | 64.3 | 75.4 | 77.0 | 74.6 | 77.8 r | 73.1 r | 68.6 r | 77.5 r | 70.8 | 89.4 r | 86.7 P |
| Manufacture of transport equipment | 88.6 | 97.7 | 71.2 | 17.3 | 35.1 | 62.5 | 59.6 | 72.2 | 84.9 | 93.8 | 87.6 | 95.1 | 90.8 r | 74.7 r | 100.5 r | 93.0 P |
| Manufacture of furniture | 125.1 | 125.7 | 85.5 | 17.5 | 59.2 | 89.4 | 124.1 | 89.6 | 81.5 | 101.8 | 90.6 | 91.1 | 87.6 | 102.5 r | 108.6 r | 118.2 P |
| Other manufacturing and repair and installation of machinery anc | 75.4 | 79.2 | 62.8 | 22.3 | 42.2 | 68.8 | 99.5 | 74.0 | 76.2 | 87.4 | 83.5 | 58.8 | 58.2 | 71.6 r | 76.3 r | 70.5 P |

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