

# 工業生產統計月報

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# 108年2月工業生產統計提要分析

## 一、工業生產變動

### 1. 與上月比較

108年2月工業生產指數86.01，較上月減少19.91%，其中製造業減少20.28%；經季節調整後，工業生產減少0.37%，製造業增加0.22%。

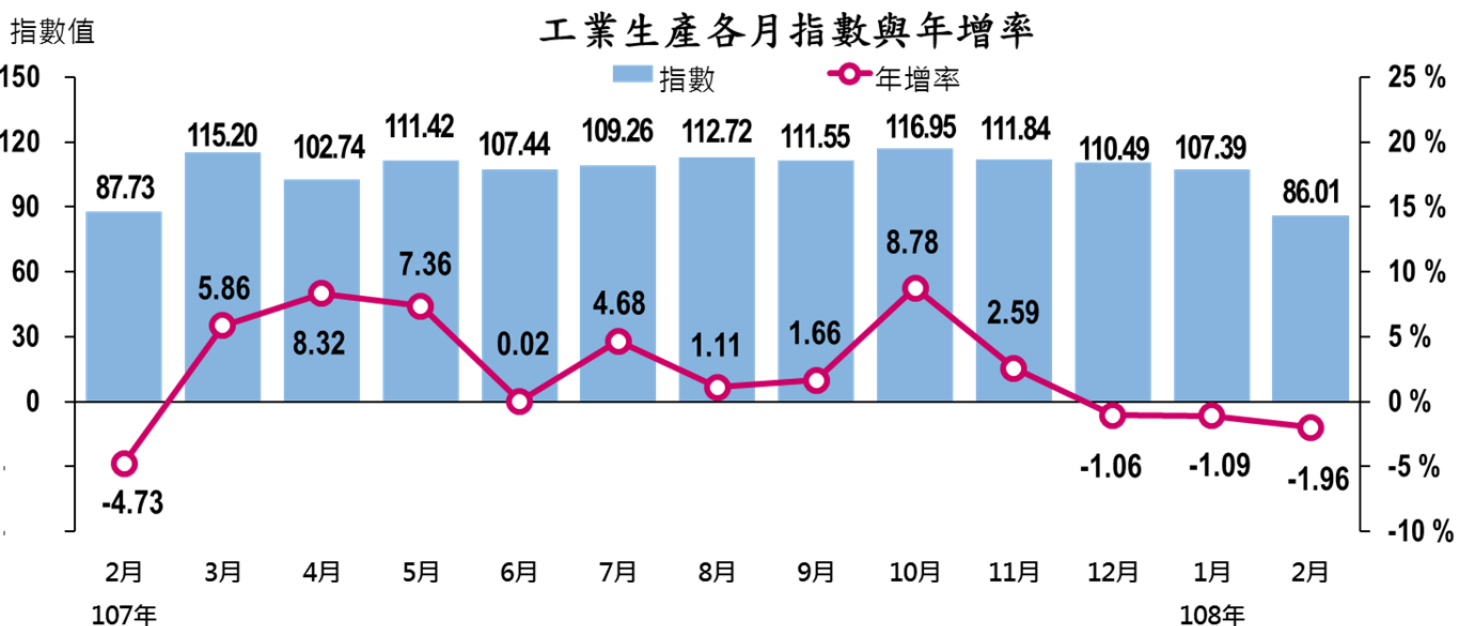
### 2. 與上年同月比較

工業生產減少1.96%，其中製造業減少1.86%，礦業及土石採取業增加2.94%，電力及燃氣供應業減少3.30%，用水供應業減少1.28%。

### 3. 累計1至2月與上年同期比較

工業生產減少1.48%，其中製造業減少1.43%。

| 分 類      | 107年<br>權重<br>(%) | 108年2月             |            |                   |            | 1至2月                       |            |
|----------|-------------------|--------------------|------------|-------------------|------------|----------------------------|------------|
|          |                   | 生產指數<br>(105年=100) | 月增率<br>(%) | 季調後<br>月增率<br>(%) | 年增率<br>(%) | 累計平均<br>生產指數<br>(105年=100) | 年增率<br>(%) |
| 工 業      | 1000.00           | 86.01              | -19.91     | -0.37             | -1.96      | 96.70                      | -1.48      |
| 礦業及土石採取業 | 2.73              | 71.10              | -27.62     | 0.60              | 2.94       | 84.67                      | 2.07       |
| 製 造 業    | 925.45            | 86.38              | -20.28     | 0.22              | -1.86      | 97.37                      | -1.43      |
| 電力及燃氣供應業 | 65.82             | 81.51              | -14.93     | -1.55             | -3.30      | 88.67                      | -2.22      |
| 用水供應業    | 6.01              | 91.53              | -10.35     | 0.12              | -1.28      | 96.82                      | -1.52      |



## 二、製造業生產統計

### 1. 電子零組件業

年減6.13%，為105年5月以來最大減幅，其中積體電路業年減5.78%，主因智慧型手機銷售疲弱，虛擬貨幣採礦熱潮消退，加上原料瑕疵干擾生產進程，致晶圓代工產量縮減；液晶面板及其組件業亦因中小尺寸手機面板需求續疲，連帶影響彩色濾光片、LCD用玻璃基板同步減產，致年減7.85%。累計1至2月較上年同期減少5.53%。

### 2. 化學原材料、肥料、氮化合物、塑橡膠原料及人造纖維業

年減5.11%，主因美中貿易摩擦及石化原料價格仍處低檔，下游提貨保守觀望，加以部分石化廠產線檢修，致產出減少。累計1至2月較上年同期減少3.87%。

### 3. 基本金屬業

年增3.53%，主因去年同期國內鋼鐵大廠高爐歲修，比較基期偏低，加上鋼筋國內需求續增，致鋼胚、熱軋鋼捲板、鋼筋等增產。累計1至2月較上年同期增加0.06%。

### 4. 電腦電子產品及光學製品業

生產指數98.86，為歷年同月新高，年增27.12%，連續5個月二位數成長，主因廠商擴增國內產線，加上網路通訊產品需求活絡，致伺服器、交換器、路由器、無線通訊設備等產量明顯增加，加上手機新品採多鏡頭規格比率漸增，激勵行動裝置鏡頭增產所致。累計1至2月較上年同期增加30.00%。

### 5. 機械設備業

年減9.12%，主因受美中貿易摩擦影響，海外接單明顯減少，加以部分產品提早於1月份春節年前趕工生產所致，惟平面顯示器生產設備因大陸面板廠產線擴增而增產，抵銷部分減幅。累計1至2月較上年同期減少5.16%。

### 6. 汽車及其零件業

年減2.66%，主因全球景氣走緩，各國車市不振，小客車及其零組件減產，惟大型貨車因國內新環保法規實施在即，帶動現有車種換購熱潮，以及小型貨車因網購及自行創業物流需求增加而增產，抵銷部分減幅。

累計1至2月較上年同期減少6.11%。

### 三、製造業綜合分析及動向指數

1. 受到全球經濟走緩及智慧手機銷售疲弱影響，2月份製造業生產指數86.38，較上年同月減少1.86%，累計1至2月製造業生產較上年同期減少1.43%。
2. 在資訊電子產業方面，電子零組件業年減6.13%，主因積體電路業因智慧型手機銷售疲弱，以及虛擬貨幣採礦熱潮消退，年減5.78%，加上液晶面板及其組件業因中小尺寸手機面板需求疲弱，年減7.85%。電腦電子產品及光學製品業年增27.12%，為連續5個月二位數成長，表現亮麗，主要因業者擴增國內產線，加上網路通訊產品及行動裝置之多鏡頭需求增加，致伺服器、交換器、路由器、無線通訊設備、光學鏡頭等增產較多。
3. 傳統產業受原物料價格波動及美中貿易摩擦影響，觀望氣氛濃厚，其中化學原材料、肥料、氮化合物、塑橡膠原料及人造纖維業年減5.11%、機械設備業年減9.12%；汽車及其零件業年減2.66%，主因全球車市不振，小客車及其零組件減產，惟大型貨車因國內新環保法規實施在即，帶動現有車種換購熱潮，以及小型貨車因網購及自行創業物流需求增加而增產，抵銷部分減幅；基本金屬業則年增3.53%，主因去年同期高爐歲修，比較基期較低所致。

## A - 1 工業生產指數變動比較—按行業分

108 年 02 月

| 指數類別                       | 項數<br>Items | 107年<br>權數<br>2018<br>Weights<br>(%) | 本月指數<br>Current Month<br>Indexes |                               | 與上月比較<br>Compared with Last Month        |                              |                               |   |
|----------------------------|-------------|--------------------------------------|----------------------------------|-------------------------------|--|------------------------------|-------------------------------|---|
|                            |             |                                      | 原指數<br>Original                  | 季節調整後<br>Seasonal<br>Adjusted | 本年上月<br>指數<br>Previous<br>Month<br>Index | 增減率(%)<br>Annual Change Rate |                               | 貢獻度<br>(百分點)<br>Factors of<br>Change to<br>General<br>Index |
|                            |             |                                      |                                  |                               |  | 原指數<br>Original              | 季節調整後<br>Seasonal<br>Adjusted |   |
| 工業生產總指數                    | 693         | 1,000.00                             | 86.01                            | 106.01                        | 107.39                                   | -19.91                       | -0.37                         | -19.91  |
| 不含土石採取業                    | 692         | 997.95                               | 86.04                            | 106.09                        | 107.39                                   | -19.88                       | -0.41                         | -19.84  |
| <b>B 礦業及土石採取業</b>          | <b>8</b>    | <b>2.73</b>                          | <b>71.10</b>                     | <b>92.94</b>                  | <b>98.23</b>                             | <b>-27.62</b>                | <b>0.60</b>                   | <b>-0.08</b>  |
| <b>C 製造業</b>               | <b>678</b>  | <b>925.45</b>                        | <b>86.38</b>                     | <b>107.04</b>                 | <b>108.35</b>                            | <b>-20.28</b>                | <b>0.22</b>                   | <b>-18.84</b>   |
| 金屬機電工業                     | 229         | 195.42                               | 79.85                            | 104.47                        | 107.12                                   | -25.46                       | 0.47                          | -5.08   |
| 24 基本金屬業                   | 31          | 56.01                                | 90.06                            | 103.98                        | 102.85                                   | -12.44                       | 2.19                          | -0.69   |
| 25 金屬製品業                   | 38          | 40.98                                | 74.55                            | 100.60                        | 105.28                                   | -29.19                       | 0.27                          | -1.27   |
| 28 電力設備及配備業                | 50          | 16.61                                | 72.39                            | 99.73                         | 103.84                                   | -30.29                       | 0.13                          | -0.53   |
| 29 機械設備業                   | 73          | 41.02                                | 80.16                            | 110.13                        | 113.26                                   | -29.22                       | -5.51                         | -1.15   |
| 30 汽車及其零件業                 | 19          | 20.38                                | 64.76                            | 93.45                         | 99.78                                    | -35.10                       | 3.94                          | -0.76   |
| 31 其他運輸工具及其零件業             | 13          | 13.33                                | 78.48                            | 106.59                        | 118.37                                   | -33.70                       | -3.46                         | -0.50   |
| 34 產業用機械設備維修及安裝業           | 5           | 7.10                                 | 96.51                            | 120.16                        | 128.73                                   | -25.03                       | -9.50                         | -0.18   |
| 資訊電子工業                     | 109         | 449.88                               | 89.44                            | 109.76                        | 108.14                                   | -17.29                       | -1.53                         | -7.46   |
| 26 電子零組件業                  | 46          | 405.36                               | 88.41                            | 107.49                        | 105.11                                   | -15.89                       | 0.42                          | -6.02   |
| 27 電腦、電子產品及光學製品業           | 63          | 44.52                                | 98.86                            | 136.61                        | 136.09                                   | -27.36                       | -1.25                         | -1.44   |
| <b>化學工業</b>                | <b>184</b>  | <b>189.77</b>                        | <b>89.00</b>                     | <b>102.34</b>                 | <b>105.47</b>                            | <b>-15.62</b>                | <b>1.37</b>                   | <b>-3.09</b>  |
| 13 皮革、毛皮及其製品業              | 9           | 0.49                                 | 70.49                            | 100.41                        | 112.72                                   | -37.46                       | -3.00                         | -0.02   |
| 15 紙漿、紙及紙製品業               | 13          | 8.84                                 | 78.62                            | 99.70                         | 110.45                                   | -28.82                       | -3.34                         | -0.28   |
| 16 印刷及資料儲存媒體複製業            | 3           | 4.80                                 | 58.65                            | 82.70                         | 90.53                                    | -35.21                       | -6.16                         | -0.16   |
| 17 石油及煤製品業                 | 13          | 53.45                                | 98.30                            | 98.30                         | 98.20                                    | 0.10                         | 0.10                          | 0.01  |
| 18 化學原材料肥料氮化合物<br>塑膠原料及人纖業 | 75          | 77.14                                | 91.40                            | 100.75                        | 105.45                                   | -13.32                       | -2.13                         | -1.05   |
| 19 其他化學製品業                 | 25          | 15.45                                | 81.45                            | 110.13                        | 119.24                                   | -31.69                       | -1.34                         | -0.53   |
| 20 藥品及醫用化學製品業              | 12          | 7.32                                 | 81.22                            | 108.02                        | 117.51                                   | -30.88                       | 0.42                          | -0.26   |
| 21 橡膠製品業                   | 13          | 7.13                                 | 76.72                            | 101.73                        | 108.43                                   | -29.24                       | -3.83                         | -0.23   |
| 22 塑膠製品業                   | 21          | 15.15                                | 73.66                            | 98.41                         | 110.93                                   | -33.60                       | -6.54                         | -0.55   |
| <b>民生工業</b>                | <b>156</b>  | <b>90.38</b>                         | <b>77.74</b>                     | <b>104.89</b>                 | <b>114.40</b>                            | <b>-32.05</b>                | <b>-2.92</b>                  | <b>-3.20</b>  |
| 08 食品及飼品業                  | 40          | 23.98                                | 79.64                            | 100.90                        | 121.92                                   | -34.68                       | -5.44                         | -1.01   |
| 09 飲料業                     | 9           | 8.97                                 | 64.74                            | 97.67                         | 103.16                                   | -37.24                       | -3.94                         | -0.35   |
| 10 菸草業                     | 1           | 15.91                                | 86.98                            | 130.85                        | 111.31                                   | -21.86                       | 7.94                          | -0.34   |
| 11 紡織業                     | 32          | 14.45                                | 72.29                            | 91.99                         | 100.61                                   | -28.15                       | -5.82                         | -0.44   |
| 12 成衣及服飾品業                 | 9           | 1.06                                 | 57.72                            | 77.59                         | 78.03                                    | -26.03                       | 7.23                          | -0.03   |
| 14 木竹製品業                   | 6           | 0.82                                 | 70.59                            | 99.55                         | 111.52                                   | -36.70                       | -8.55                         | -0.03   |
| 23 非金屬礦物製品業                | 23          | 10.20                                | 73.61                            | 100.13                        | 107.74                                   | -31.68                       | 0.54                          | -0.35   |
| 32 家具業                     | 5           | 2.01                                 | 66.19                            | 95.46                         | 110.90                                   | -40.32                       | -2.53                         | -0.09   |
| 33 其他製造業                   | 31          | 12.98                                | 91.63                            | 122.92                        | 146.21                                   | -37.33                       | -9.83                         | -0.57   |
| <b>D 電力及燃氣供應業</b>          | <b>6</b>    | <b>65.82</b>                         | <b>81.51</b>                     | <b>100.30</b>                 | <b>95.82</b>                             | <b>-14.93</b>                | <b>-1.55</b>                  | <b>-0.93</b>  |
| 36 用水供應業                   | 1           | 6.01                                 | 91.53                            | 100.72                        | 102.10                                   | -10.35                       | 0.12                          | -0.06   |

## A-1 Indexes Change of Industrial Production - By Groups &amp; Sectors

民國105年=100  
2016=100

Feb.2019

| 與上年同月比較<br>Compared with the Same Month of 2018 |                          |   | 本年累計與上年同期比較<br>Compared with the Same Period of 2018 |                               |                          |   | Category of Indexes   |
|---|--------------------------|---|--|-------------------------------|--------------------------|---|---|
| 上年同月<br>指 數                                     | 增 減 率<br>(%)             | 貢 獻 度<br>(百分點)                              | 本年累計<br>指 數  | 上年同期<br>指 數                   | 增 減 率<br>(%)             | 貢 獻 度<br>(百分點)                              |   |
| the Same<br>Month of<br>2018                    | Annual<br>Change<br>Rate | Factors of<br>Change to<br>General<br>Index | Jan.-Current<br>Month                                | the Same<br>Period of<br>2018 | Annual<br>Change<br>Rate | Factors of<br>Change to<br>General<br>Index |   |
| 87.73   | -1.96                    | -1.96                                       | 96.70  | 98.15                         | -1.48                    | -1.48                                       | General Index   |
| 87.75   | -1.95                    | -1.96                                       | 96.72  | 98.16                         | -1.47                    | -1.48                                       | Excl. Quarrying   |
| 69.07   | 2.94                     | 0.01  | 84.67  | 82.95                         | 2.07                     | 0.00  | Mining & Quarrying  |
| 88.02   | -1.86                    | -1.75                                       | 97.37  | 98.78                         | -1.43                    | -1.37                                       | Manufacturing   |
| 80.89   | -1.29                    | -0.25                                       | 93.49  | 95.76                         | -2.37                    | -0.27                                       | Metal & Machinery Industry  |
| 86.99   | 3.53                     | 0.19  | 96.46  | 96.40                         | 0.06                     | -0.09                                       | Basic Metal   |
| 76.61   | -2.69                    | -0.10                                       | 89.92  | 91.86                         | -2.11                    | -0.06                                       | Fabricated Metal Products   |
| 69.74   | 3.80                     | 0.05  | 88.12  | 87.84                         | 0.32                     | -0.02                                       | Electrical Equipment  |
| 88.20   | -9.12                    | -0.32                                       | 96.71  | 101.97                        | -5.16                    | -0.05                                       | Machinery & Equipment   |
| 66.53   | -2.66                    | -0.05                                       | 82.27  | 87.62                         | -6.11                    | -0.02                                       | Motor Vehicles & Parts  |
| 79.88   | -1.75                    | -0.02                                       | 98.43  | 99.13                         | -0.71                    | -0.02                                       | Other Transport Equipment & Parts   |
| 98.18   | -1.70                    | -0.01                                       | 112.62   | 121.24                        | -7.11                    | -0.01                                       | Repair & Installation of Industrial Machinery & Equipment                       |
| 92.47   | -3.28                    | -1.33                                       | 98.79  | 101.17                        | -2.35                    | -0.66                                       | Information & Electronic Industry   |
| 94.18   | -6.13                    | -2.24                                       | 96.76  | 102.42                        | -5.53                    | -0.56                                       | Electronic Parts & Components   |
| 77.77   | 27.12                    | 0.92  | 117.48   | 90.37                         | 30.00                    | -0.09                                       | Computers, Electronic & Optical Products  |
| 89.61   | -0.68                    | -0.26                                       | 97.24  | 99.04                         | -1.82                    | -0.30                                       | Chemistry Industry  |
| 68.00   | 3.66                     | 0.00  | 91.61  | 86.87                         | 5.46                     | 0.00  | Leather, Fur & Related Products   |
| 79.94   | -1.65                    | -0.02                                       | 94.54  | 94.44                         | 0.11                     | -0.01                                       | Pulp, Paper & Paper Products  |
| 67.06   | -12.54                   | -0.05                                       | 74.59  | 81.94                         | -8.97                    | -0.01                                       | Printing & Reproduction of Recorded Media                                       |
| 93.74   | 4.86                     | 0.29  | 98.25  | 99.94                         | -1.69                    | -0.09                                       | Petroleum & Coal Products   |
| 96.32   | -5.11                    | -0.43                                       | 98.43  | 102.39                        | -3.87                    | -0.12                                       | Chemical, Fertilizers, Nitrogen Compounds,<br>Plastic & Rubber, Man-made Fibres |
| 83.46   | -2.41                    | -0.03                                       | 100.35   | 101.49                        | -1.12                    | -0.02                                       | Other Chemical Products   |
| 75.05   | 8.22                     | 0.05  | 99.37  | 91.02                         | 9.17                     | -0.01                                       | Pharmaceuticals & Medicinal Chemical Products                                   |
| 75.24   | 1.97                     | 0.01  | 92.58  | 90.35                         | 2.47                     | -0.01                                       | Rubber Products   |
| 79.19   | -6.98                    | -0.09                                       | 92.30  | 94.42                         | -2.25                    | -0.02                                       | Plastic Products  |
| 77.32   | 0.54                     | 0.09  | 96.07  | 91.66                         | 4.81                     | -0.14                                       | Food, Textiles & Other Industry   |
| 85.74   | -7.11                    | -0.16                                       | 100.78   | 98.93                         | 1.87                     | -0.04                                       | Food & Prepared Animal Feeds  |
| 63.08   | 2.63                     | 0.02  | 83.95  | 79.62                         | 5.44                     | -0.01                                       | Beverages   |
| 63.57   | 36.83                    | 0.37  | 99.15  | 77.57                         | 27.82                    | -0.03                                       | Tobacco Products  |
| 75.34   | -4.05                    | -0.06                                       | 86.45  | 88.85                         | -2.70                    | -0.02                                       | Textiles  |
| 67.20   | -14.11                   | -0.01                                       | 67.88  | 79.20                         | -14.29                   | 0.00  | Wearing Apparel & Clothing Accessories  |
| 76.03   | -7.16                    | 0.00  | 91.06  | 91.89                         | -0.90                    | 0.00  | Wood & Bamboo Products  |
| 77.10   | -4.53                    | -0.04                                       | 90.68  | 92.08                         | -1.52                    | -0.01                                       | Other Non-metallic Mineral Products   |
| 70.53   | -6.15                    | -0.01                                       | 88.55  | 88.41                         | 0.16                     | 0.00  | Furniture   |
| 92.03   | -0.43                    | -0.01                                       | 118.92   | 107.65                        | 10.47                    | -0.02                                       | Other Manufacturing   |
| 84.29   | -3.30                    | -0.21                                       | 88.67  | 90.68                         | -2.22                    | -0.10                                       | Electricity & Gas Supply  |
| 92.72   | -1.28                    | -0.01                                       | 96.82  | 98.31                         | -1.52                    | -0.01                                       | Water Supply  |

## A-2 工業生產指數變動比較—按複分類分

108 年 02 月

| 指數類別       | 項數                     | 107年<br>權數               | 本月指數                       | 與上月比較                    |   |              |
|------------|------------------------|--------------------------|----------------------------|--------------------------|---|--------------|
|            |                        |                          |                            | Compared with Last Month |   |              |
|            |                        |                          |                            | 本年上月<br>指數               | 增減率(%)                                      | 貢獻度<br>(百分點) |
| Items      | 2018<br>Weights<br>(%) | Current Month<br>Indexes | Previous<br>Month<br>Index | Annual Change Rate       | Factors of<br>Change to<br>General<br>Index |              |
| 工業生產總指數    | 693                    | 1,000.00                 | 86.01                      | 107.39                   | -19.91                                      | -19.91       |
| 製造業生產指數    | 678                    | 925.45                   | 86.38                      | 108.35                   | -20.28                                      | -18.84       |
| 製造業銷售量指數   | 678                    | 1,000.00                 | 78.76                      | 105.39                   | -25.27                                      | -25.27       |
| 製造業存貨量指數   | 585                    | 1,000.00                 | 104.13                     | 102.14                   | 1.95  | 1.95         |
| 製造業生產指數複分類 |                        |                          |                            |                          |   |              |
| 按產品用途分     |                        |                          |                            |                          |   |              |
| 最終需要財      | 345                    | 188.90                   | 80.89                      | 116.96                   | -30.84                                      | -6.38        |
| 投資財        | 133                    | 75.77                    | 89.40                      | 123.65                   | -27.70                                      | -2.31        |
| 資本財        | 108                    | 59.38                    | 94.27                      | 128.06                   | -26.39                                      | -1.73        |
| 建設財        | 31                     | 16.39                    | 73.16                      | 108.37                   | -32.49                                      | -0.58        |
| 消費財        | 206                    | 113.13                   | 75.56                      | 112.71                   | -32.96                                      | -4.07        |
| 耐久消費財      | 66                     | 22.80                    | 72.55                      | 106.88                   | -32.12                                      | -0.80        |
| 非耐久消費財     | 140                    | 90.33                    | 76.44                      | 114.39                   | -33.18                                      | -3.27        |
| 生產財        | 333                    | 736.55                   | 87.82                      | 106.12                   | -17.24                                      | -12.45       |
| 工礦業用生產財    | 320                    | 686.21                   | 86.91                      | 106.58                   | -18.46                                      | -12.38       |
| 其他用生產財     | 13                     | 50.34                    | 96.89                      | 98.34                    | -1.47                                       | -0.08        |
| 按投入要素集中度分  |                        |                          |                            |                          |   |              |
| 勞力密集度      |                        |                          |                            |                          |   |              |
| 高密度        | 364                    | 224.14                   | 79.83                      | 116.53                   | -31.49                                      | -7.64        |
| 中密度        | 204                    | 319.46                   | 88.87                      | 110.20                   | -19.36                                      | -6.21        |
| 低密度        | 110                    | 381.85                   | 88.04                      | 101.94                   | -13.64                                      | -4.99        |
| 資本密集度      |                        |                          |                            |                          |   |              |
| 高密度        | 272                    | 669.47                   | 87.64                      | 106.86                   | -17.99                                      | -11.76       |
| 中密度        | 364                    | 240.87                   | 82.36                      | 110.64                   | -25.56                                      | -6.57        |
| 低密度        | 64                     | 15.10                    | 99.85                      | 139.32                   | -28.33                                      | -0.50        |
| 能源密集度      |                        |                          |                            |                          |   |              |
| 高密度        | 224                    | 471.03                   | 86.26                      | 103.24                   | -16.45                                      | -7.40        |
| 中密度        | 120                    | 226.68                   | 92.35                      | 113.33                   | -18.51                                      | -4.32        |
| 低密度        | 334                    | 227.73                   | 80.93                      | 113.93                   | -28.97                                      | -7.11        |
| 技術人力密集度    |                        |                          |                            |                          |   |              |
| 高密度        | 298                    | 583.37                   | 86.60                      | 109.71                   | -21.06                                      | -12.11       |
| 中密度        | 308                    | 317.37                   | 85.49                      | 105.84                   | -19.23                                      | -6.33        |
| 低密度        | 72                     | 24.70                    | 86.35                      | 102.52                   | -15.77                                      | -0.39        |
| 附加價值密集度    |                        |                          |                            |                          |   |              |
| 高密度        | 129                    | 492.18                   | 88.82                      | 108.93                   | -18.46                                      | -8.78        |
| 中密度        | 322                    | 272.54                   | 81.98                      | 109.01                   | -24.80                                      | -7.13        |
| 低密度        | 227                    | 160.72                   | 85.96                      | 104.37                   | -17.64                                      | -2.93        |
| 技術投入密集度    |                        |                          |                            |                          |   |              |
| 高密度        | 238                    | 558.56                   | 88.13                      | 110.00                   | -19.88                                      | -10.88       |
| 中密度        | 310                    | 295.80                   | 81.72                      | 104.40                   | -21.72                                      | -6.66        |
| 低密度        | 130                    | 71.09                    | 89.27                      | 107.91                   | -17.27                                      | -1.30        |

## A-2 Indexes Change of Industrial Production - By Special Classification

民國105年=100  
2016 = 100

Feb.2019

| 與上年同月比較<br>Compared with the Same Month of 2018 |                          |   | 本年累計與上年同期比較<br>Compared with the Same Period of 2018 |                               |                          |   | Category of Indexes                  |
|---|--------------------------|---|--|-------------------------------|--------------------------|---|--------------------------------------|
| 上年同月<br>指 數                                     | 增 減 率<br>(%)             | 貢 獻 度<br>(百分點)                              | 本年累計<br>指 數  | 上年同期<br>指 數                   | 增 減 率<br>(%)             | 貢 獻 度<br>(百分點)                              |                                      |
| the Same<br>Month of<br>2018                    | Annual<br>Change<br>Rate | Factors of<br>Change to<br>General<br>Index | Jan.-Current<br>Month                                | the Same<br>Period of<br>2018 | Annual<br>Change<br>Rate | Factors of<br>Change to<br>General<br>Index |                                      |
| 87.73   | -1.96                    | -1.96                                       | 96.70  | 98.15                         | -1.48                    | -1.48                                       | General Index                        |
| 88.02   | -1.86                    | -1.75                                       | 97.37  | 98.78                         | -1.43                    | -1.37                                       | Manufacturing Production             |
| 85.82   | -8.23                    | -8.23                                       | 92.08  | 97.38                         | -5.44                    | -5.44                                       | Manufacturing Producer's Shipment    |
| 98.89   | 5.30                     | 5.30  | 103.14   | 98.81                         | 4.38                     | 4.38  | Manufacturing Producer's Inventory   |
|   |                          |   |  |                               |                          |   | Manufacturing Special Classification |
|   |                          |   |  |                               |                          |   | By Usage                             |
| 77.32   | 4.62                     | 0.73  | 98.93  | 92.28                         | 7.21                     | -0.30                                       | Final Demand Goods                   |
| 80.18   | 11.50                    | 0.71  | 106.53   | 94.92                         | 12.23                    | -0.13                                       | Investment Goods                     |
| 82.79   | 13.87                    | 0.67  | 111.17   | 96.73                         | 14.93                    | -0.11                                       | Capital Goods                        |
| 71.05   | 2.97                     | 0.04  | 90.77  | 88.42                         | 2.66                     | -0.02                                       | Construction Materials               |
| 75.50   | 0.08                     | 0.02  | 94.14  | 90.59                         | 3.92                     | -0.17                                       | Consumer Goods                       |
| 69.39   | 4.55                     | 0.06  | 89.72  | 86.14                         | 4.16                     | -0.03                                       | Durable Goods                        |
| 77.27   | -1.07                    | -0.04                                       | 95.42  | 91.87                         | 3.86                     | -0.14                                       | Non-durable Goods                    |
| 90.92   | -3.41                    | -2.48                                       | 96.97  | 100.54                        | -3.55                    | -1.07                                       | Producer Goods                       |
| 90.70   | -4.18                    | -2.72                                       | 96.75  | 100.52                        | -3.75                    | -0.98                                       | For Mining & Manufacturing Goods     |
| 92.77   | 4.44                     | 0.24  | 97.62  | 99.64                         | -2.03                    | -0.09                                       | Other Producer Goods                 |
|   |                          |   |  |                               |                          |   | By Input Factor Intensities          |
|   |                          |   |  |                               |                          |   | Labor                                |
| 81.71   | -2.30                    | -0.40                                       | 98.18  | 96.96                         | 1.26                     | -0.33                                       | High Intensity                       |
| 89.16   | -0.33                    | -0.02                                       | 99.54  | 100.04                        | -0.50                    | -0.48                                       | Medium Intensity                     |
| 90.89   | -3.14                    | -1.32                                       | 94.99  | 98.76                         | -3.82                    | -0.56                                       | Low Intensity                        |
|   |                          |   |  |                               |                          |   | Capital                              |
| 90.02   | -2.64                    | -1.67                                       | 97.25  | 99.93                         | -2.68                    | -0.97                                       | High Intensity                       |
| 82.76   | -0.48                    | -0.23                                       | 96.50  | 95.42                         | 1.13                     | -0.37                                       | Medium Intensity                     |
| 89.71   | 11.30                    | 0.15  | 119.59   | 105.60                        | 13.25                    | -0.03                                       | Low Intensity                        |
|   |                          |   |  |                               |                          |   | Energy                               |
| 92.69   | -6.94                    | -3.28                                       | 94.75  | 101.42                        | -6.58                    | -0.65                                       | High Intensity                       |
| 89.69   | 2.97                     | 0.66  | 102.84   | 100.38                        | 2.45                     | -0.37                                       | Medium Intensity                     |
| 77.43   | 4.52                     | 0.87  | 97.43  | 92.15                         | 5.73                     | -0.35                                       | Low Intensity                        |
|   |                          |   |  |                               |                          |   | Human Capital                        |
| 88.54   | -2.19                    | -1.07                                       | 98.16  | 98.98                         | -0.83                    | -0.85                                       | High Intensity                       |
| 86.47   | -1.13                    | -0.47                                       | 95.67  | 97.92                         | -2.30                    | -0.48                                       | Medium Intensity                     |
| 93.46   | -7.61                    | -0.21                                       | 94.44  | 101.91                        | -7.33                    | -0.04                                       | Low Intensity                        |
|   |                          |   |  |                               |                          |   | Value Added                          |
| 92.03   | -3.49                    | -1.53                                       | 98.88  | 101.25                        | -2.34                    | -0.72                                       | High Intensity                       |
| 81.90   | 0.10                     | -0.07                                       | 95.50  | 95.81                         | -0.32                    | -0.40                                       | Medium Intensity                     |
| 86.34   | -0.44                    | -0.14                                       | 95.17  | 95.96                         | -0.82                    | -0.25                                       | Low Intensity                        |
|   |                          |   |  |                               |                          |   | Technology Input                     |
| 90.50   | -2.62                    | -1.29                                       | 99.07  | 100.84                        | -1.76                    | -0.81                                       | High Intensity                       |
| 82.90   | -1.42                    | -0.50                                       | 93.06  | 94.43                         | -1.45                    | -0.44                                       | Medium Intensity                     |
| 88.22   | 1.19                     | 0.04  | 98.59  | 98.73                         | -0.14                    | -0.11                                       | Low Intensity                        |



## A-3 工業產銷存指標

| 年月別        | 工業生產總指數                        |                         | 礦業及土石採取業生產指數                           |                         | 製造業生產指數                           | 電力及燃氣供應業生產指數                                 | 用水供應業生產指數                        |
|------------|--------------------------------|-------------------------|--|-------------------------|-----------------------------------|--|----------------------------------|
|            | Index of Industrial Production | 不含土石採取業 Excl. Quarrying | Index of Mining & Quarrying Production | 不含土石採取業 Excl. Quarrying | Index of Manufacturing Production | Index of Electricity & Gas Supply Production | Index of Water Supply Production |
| 107年權數 (%) | 1000.00                        | 997.95                  | 2.73                                   | 0.67                    | 925.45                            | 65.82  | 6.01                             |

## 1. 連鎖指數 (民國105年=100)

|      |        |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|
| 95年  | 69.55  | 69.39  | 157.59 | 186.75 | 67.74  | 92.17  | 103.53 |
| 96年  | 75.11  | 75.01  | 130.84 | 172.74 | 73.38  | 94.88  | 103.81 |
| 97年  | 74.41  | 74.31  | 124.88 | 154.91 | 72.73  | 93.06  | 101.95 |
| 98年  | 68.73  | 68.64  | 112.73 | 140.90 | 67.06  | 90.57  | 99.65  |
| 99年  | 87.72  | 87.59  | 140.64 | 135.58 | 86.99  | 94.68  | 100.98 |
| 100年 | 90.01  | 89.91  | 131.07 | 131.76 | 89.37  | 96.21  | 101.18 |
| 101年 | 90.46  | 90.38  | 127.63 | 131.97 | 89.87  | 96.24  | 100.58 |
| 102年 | 93.36  | 93.31  | 117.07 | 122.39 | 92.93  | 97.61  | 101.29 |
| 103年 | 99.34  | 99.29  | 118.44 | 120.85 | 99.28  | 99.08  | 101.82 |
| 104年 | 98.07  | 98.04  | 110.70 | 112.06 | 98.13  | 96.68  | 99.50  |
| 105年 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| 106年 | 105.00 | 105.01 | 98.00  | 88.64  | 105.27 | 102.22 | 101.30 |
| 107年 | 108.83 | 108.84 | 94.42  | 76.40  | 109.41 | 102.62 | 101.39 |
| 2月   | 87.73  | 87.75  | 69.07  | 55.07  | 88.02  | 84.29  | 92.72  |
| 3月   | 115.20 | 115.24 | 92.45  | 79.22  | 116.77 | 96.89  | 103.68 |
| 4月   | 102.74 | 102.75 | 89.01  | 73.55  | 103.33 | 95.94  | 100.47 |
| 5月   | 111.42 | 111.41 | 106.13 | 84.43  | 111.47 | 111.46 | 106.08 |
| 6月   | 107.44 | 107.45 | 93.19  | 75.78  | 107.44 | 108.66 | 101.88 |
| 7月   | 109.26 | 109.29 | 95.34  | 80.43  | 108.86 | 115.71 | 103.97 |
| 8月   | 112.72 | 112.75 | 90.50  | 76.14  | 112.65 | 115.34 | 104.40 |
| 9月   | 111.55 | 111.57 | 95.34  | 79.13  | 111.83 | 109.75 | 100.59 |
| 10月  | 116.95 | 116.97 | 102.11 | 81.39  | 118.21 | 102.92 | 99.88  |
| 11月  | 111.84 | 111.85 | 97.07  | 70.07  | 113.12 | 97.44  | 95.73  |
| 12月  | 110.49 | 110.49 | 106.03 | 92.42  | 111.68 | 96.02  | 103.43 |
| 108年 |        |        |        |        |        |        |        |
| 1月   | 107.39 | 107.39 | 98.23  | 79.57  | 108.35 | 95.82  | 102.10 |
| 2月   | 86.01  | 86.04  | 71.10  | 63.76  | 86.38  | 81.51  | 91.53  |
| 本年累計 | 96.70  | 96.72  | 84.67  | 71.67  | 97.37  | 88.67  | 96.82  |

## 2. 較上年同期(月)之增減率(%)

|      |       |       |        |        |       |       |       |
|------|-------|-------|--------|--------|-------|-------|-------|
| 95年  | 4.49  | 4.49  | -4.99  | -13.77 | 4.62  | 2.49  | 2.83  |
| 96年  | 7.99  | 8.10  | -16.97 | -7.50  | 8.33  | 2.94  | 0.27  |
| 97年  | -0.93 | -0.93 | -4.56  | -10.32 | -0.89 | -1.92 | -1.79 |
| 98年  | -7.63 | -7.63 | -9.73  | -9.04  | -7.80 | -2.68 | -2.26 |
| 99年  | 27.63 | 27.61 | 24.76  | -3.78  | 29.72 | 4.54  | 1.33  |
| 100年 | 2.61  | 2.65  | -6.80  | -2.82  | 2.74  | 1.62  | 0.20  |
| 101年 | 0.50  | 0.52  | -2.62  | 0.16   | 0.56  | 0.03  | -0.59 |
| 102年 | 3.21  | 3.24  | -8.27  | -7.26  | 3.40  | 1.42  | 0.71  |
| 103年 | 6.41  | 6.41  | 1.17   | -1.26  | 6.83  | 1.51  | 0.52  |
| 104年 | -1.28 | -1.26 | -6.53  | -7.27  | -1.16 | -2.42 | -2.28 |
| 105年 | 1.97  | 2.00  | -9.67  | -10.76 | 1.91  | 3.43  | 0.50  |
| 106年 | 5.00  | 5.01  | -2.00  | -11.36 | 5.27  | 2.22  | 1.30  |
| 107年 | 3.65  | 3.65  | -3.65  | -13.81 | 3.93  | 0.39  | 0.09  |
| 2月   | -4.73 | -4.73 | -17.10 | -35.42 | -5.22 | 1.77  | 2.02  |
| 3月   | 5.86  | 5.90  | -12.16 | -18.77 | 6.07  | 3.29  | 2.39  |
| 4月   | 8.32  | 8.35  | -4.83  | -6.47  | 8.87  | 2.26  | 2.86  |
| 5月   | 7.36  | 7.38  | -4.89  | -13.30 | 7.58  | 5.81  | 1.08  |
| 6月   | 0.02  | -0.01 | 0.46   | -21.24 | 0.29  | -3.36 | 1.48  |
| 7月   | 4.68  | 4.69  | -3.12  | -17.40 | 5.32  | -1.45 | -0.60 |
| 8月   | 1.11  | 1.11  | -9.55  | -19.92 | 1.58  | -3.76 | -0.68 |
| 9月   | 1.66  | 1.67  | -5.14  | -15.74 | 2.03  | -2.41 | -0.23 |
| 10月  | 8.78  | 8.77  | 13.64  | 0.02   | 9.81  | -3.53 | -3.70 |
| 11月  | 2.59  | 2.57  | 1.39   | -9.99  | 2.74  | 0.37  | -3.22 |
| 12月  | -1.06 | -1.06 | 4.22   | 32.56  | -1.22 | 0.88  | -1.79 |
| 108年 |       |       |        |        |       |       |       |
| 1月   | -1.09 | -1.09 | 1.46   | 15.02  | -1.08 | -1.29 | -1.73 |
| 2月   | -1.96 | -1.95 | 2.94   | 15.78  | -1.86 | -3.30 | -1.28 |
| 本年累計 | -1.48 | -1.47 | 2.07   | 15.35  | -1.43 | -2.22 | -1.52 |

## A-3 Indicators of Production, Shipment and Inventory

| 製造業生產指數 Index of Manufacturing Production |                     |                   |                   | 固定基期指數(民國105年=100)                  |                                     | Period           |
|---|---------------------|-------------------|-------------------|-------------------------------------|-------------------------------------|------------------|
| 按產品用途分<br>By Usage                        |                     |                   |                   | 製 造 業<br>銷 售 量<br>指 數               | 製 造 業<br>存 貨 量<br>指 數               |                  |
| 最終需要財                                     | 投資財                 | 消費財               | 生產財               | Index of<br>Producer's<br>Shipments | Index of<br>Producer's<br>Inventory |                  |
| Final Demand<br>Goods                     | Investment<br>Goods | Consumer<br>Goods | Producer<br>Goods |                                     |                                     | 2018 Weights (%) |
| 188.90                                    | 75.77               | 113.13            | 736.55            | 1000.00                             | 1000.00                             |                  |

## 1. Chained Indexes ( 2016 = 100)

|        |        |        |        |        |        |                    |
|--------|--------|--------|--------|--------|--------|--------------------|
| 82.28  | 77.83  | 85.03  | 63.23  | 82.90  | 78.65  | 2006               |
| 83.77  | 83.90  | 83.22  | 70.22  | 89.64  | 80.79  | 2007               |
| 80.93  | 82.75  | 79.20  | 70.27  | 88.80  | 87.84  | 2008               |
| 71.00  | 68.40  | 72.49  | 65.93  | 83.55  | 80.16  | 2009               |
| 89.76  | 88.44  | 90.58  | 86.22  | 97.47  | 81.16  | 2010               |
| 101.63 | 97.31  | 104.07 | 86.04  | 100.10 | 91.03  | 2011               |
| 96.08  | 94.95  | 96.78  | 88.19  | 99.93  | 96.68  | 2012               |
| 96.10  | 94.94  | 96.82  | 92.10  | 99.54  | 96.51  | 2013               |
| 100.32 | 101.53 | 99.52  | 98.99  | 102.82 | 96.10  | 2014               |
| 100.04 | 102.81 | 98.22  | 97.61  | 100.33 | 102.49 | 2015               |
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 2016               |
| 104.10 | 105.15 | 103.41 | 105.60 | 102.31 | 102.00 | 2017               |
| 108.21 | 113.82 | 104.64 | 109.74 | 103.94 | 99.88  | 2018               |
| 77.32  | 80.18  | 75.50  | 90.92  | 85.82  | 98.89  | Feb.               |
| 114.08 | 120.38 | 110.06 | 117.51 | 110.22 | 98.08  | Mar.               |
| 99.59  | 106.12 | 95.43  | 104.34 | 100.62 | 98.54  | Apr.               |
| 115.42 | 122.39 | 110.98 | 110.42 | 109.54 | 98.68  | May                |
| 110.38 | 115.99 | 106.80 | 106.65 | 105.79 | 97.26  | June               |
| 109.92 | 113.12 | 107.87 | 108.59 | 106.01 | 99.05  | July               |
| 112.85 | 116.15 | 110.74 | 112.61 | 108.06 | 98.23  | Aug.               |
| 104.49 | 109.72 | 101.15 | 113.82 | 101.95 | 99.35  | Sep.               |
| 115.78 | 121.52 | 112.12 | 118.87 | 105.77 | 102.49 | Oct.               |
| 115.00 | 121.66 | 110.76 | 112.62 | 103.58 | 103.88 | Nov.               |
| 116.51 | 128.98 | 108.58 | 110.38 | 101.03 | 105.33 | Dec.               |
|        |        |        |        |        |        | 2019               |
| 116.96 | 123.65 | 112.71 | 106.12 | 105.39 | 102.14 | Jan.               |
| 80.89  | 89.40  | 75.56  | 87.82  | 78.76  | 104.13 | Feb.               |
| 98.93  | 106.53 | 94.14  | 96.97  | 92.08  | 103.14 | Jan.-Current Month |

## 2. Annual Change Rate (%)

|        |        |        |       |       |       |                    |
|--------|--------|--------|-------|-------|-------|--------------------|
| -3.35  | 0.74   | -5.86  | 8.31  | 4.25  | 0.45  | 2006               |
| 1.81   | 7.80   | -2.13  | 11.05 | 8.13  | 2.72  | 2007               |
| -3.39  | -1.37  | -4.83  | 0.07  | -0.94 | 8.73  | 2008               |
| -12.27 | -17.34 | -8.47  | -6.18 | -5.91 | -8.74 | 2009               |
| 26.42  | 29.30  | 24.96  | 30.78 | 16.66 | 1.25  | 2010               |
| 13.22  | 10.03  | 14.89  | -0.21 | 2.70  | 12.16 | 2011               |
| -5.46  | -2.43  | -7.00  | 2.50  | -0.17 | 6.21  | 2012               |
| 0.02   | -0.01  | 0.04   | 4.43  | -0.39 | -0.18 | 2013               |
| 4.39   | 6.94   | 2.79   | 7.48  | 3.30  | -0.42 | 2014               |
| -0.28  | 1.26   | -1.31  | -1.39 | -2.42 | 6.65  | 2015               |
| -0.04  | -2.73  | 1.81   | 2.45  | -0.33 | -2.43 | 2016               |
| 4.10   | 5.15   | 3.41   | 5.60  | 2.31  | 2.00  | 2017               |
| 3.95   | 8.25   | 1.19   | 3.92  | 1.59  | -2.08 | 2018               |
| -11.72 | -6.24  | -15.12 | -3.60 | -3.64 | -3.06 | Feb.               |
| -0.68  | 6.90   | -5.40  | 8.03  | 2.10  | -3.92 | Mar.               |
| -0.38  | 8.63   | -5.96  | 11.57 | 5.50  | -4.94 | Apr.               |
| 7.61   | 18.76  | 0.85   | 7.60  | 7.42  | -4.89 | May                |
| 1.77   | 2.93   | 1.06   | -0.10 | 0.25  | -4.59 | June               |
| 9.48   | 6.35   | 11.83  | 4.24  | 3.51  | -4.75 | July               |
| 3.12   | 4.99   | 1.92   | 1.17  | -1.17 | -3.17 | Aug.               |
| -1.51  | 1.24   | -3.28  | 2.94  | -2.98 | -0.62 | Sep.               |
| 14.67  | 17.73  | 12.69  | 8.57  | 2.30  | 2.10  | Oct.               |
| 5.62   | 8.81   | 3.57   | 1.97  | -1.75 | 2.60  | Nov.               |
| 6.66   | 10.42  | 4.13   | -3.27 | -3.76 | 2.43  | Dec.               |
|        |        |        |       |       |       | 2019               |
| 9.06   | 12.76  | 6.65   | -3.66 | -3.26 | 3.46  | Jan.               |
| 4.62   | 11.50  | 0.08   | -3.41 | -8.23 | 5.30  | Feb.               |
| 7.21   | 12.23  | 3.92   | -3.55 | -5.44 | 4.38  | Jan.-Current Month |

## A-4 製造業生產指數—按四大行業及中分類

| 年月別        | C                    | 金屬<br>機電工業                       | 24<br>基本<br>金屬 | 25<br>金屬<br>製品                  | 28<br>電力設備<br>及配備業      | 29<br>機械<br>設備業             | 30<br>汽車及<br>其零件業            | 31<br>其他運輸<br>工具及<br>其零件業               |
|------------|----------------------|----------------------------------|----------------|---------------------------------|-------------------------|-----------------------------|------------------------------|---|
|            | 製造業<br>Manufacturing | Metal &<br>Machinery<br>Industry | Basic<br>Metal | Fabricated<br>Metal<br>Products | Electrical<br>Equipment | Machinery<br>&<br>Equipment | Motor<br>Vehicles<br>& Parts | Other Transport<br>Equipment<br>& Parts |
| 107年權數 (%) | 925.45               | 195.42                           | 56.01          | 40.98                           | 16.61                   | 41.02                       | 20.38                        | 13.33                                   |

## 1. 連鎖指數 (民國105年=100)

|      |        |        |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 95年  | 67.74  | 94.09  | 91.28  | 98.95  | 109.69 | 94.14  | 93.65  | 85.60  |
| 96年  | 73.38  | 95.66  | 92.69  | 98.34  | 102.40 | 103.00 | 88.31  | 95.49  |
| 97年  | 72.73  | 89.89  | 85.44  | 94.86  | 96.71  | 97.11  | 73.07  | 105.22 |
| 98年  | 67.06  | 73.06  | 74.65  | 74.21  | 81.10  | 66.24  | 71.07  | 77.15  |
| 99年  | 86.99  | 95.14  | 95.74  | 91.91  | 98.18  | 103.52 | 92.79  | 85.14  |
| 100年 | 89.37  | 99.97  | 99.56  | 99.11  | 92.94  | 109.94 | 101.12 | 90.80  |
| 101年 | 89.87  | 97.38  | 95.36  | 99.49  | 92.40  | 103.34 | 98.64  | 95.71  |
| 102年 | 92.93  | 97.94  | 99.19  | 101.49 | 91.65  | 99.03  | 95.01  | 98.26  |
| 103年 | 99.28  | 104.03 | 102.75 | 105.99 | 96.33  | 107.52 | 107.16 | 105.76 |
| 104年 | 98.13  | 100.80 | 96.01  | 101.40 | 98.19  | 106.11 | 103.91 | 105.76 |
| 105年 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| 106年 | 105.27 | 103.78 | 102.73 | 100.03 | 97.94  | 110.86 | 100.38 | 105.72 |
| 107年 | 109.41 | 106.30 | 105.08 | 100.43 | 100.47 | 119.98 | 94.60  | 107.30 |
| 2月   | 88.02  | 80.89  | 86.99  | 76.61  | 69.74  | 88.20  | 66.53  | 79.88  |
| 3月   | 116.77 | 115.49 | 111.04 | 110.42 | 112.21 | 128.15 | 108.48 | 115.32 |
| 4月   | 103.33 | 101.88 | 104.73 | 96.65  | 97.52  | 114.31 | 91.07  | 95.77  |
| 5月   | 111.47 | 114.43 | 111.33 | 106.92 | 106.53 | 131.61 | 108.81 | 111.62 |
| 6月   | 107.44 | 109.18 | 103.83 | 100.10 | 98.06  | 130.33 | 98.76  | 115.86 |
| 7月   | 108.86 | 109.99 | 107.91 | 103.06 | 102.73 | 123.91 | 104.13 | 110.94 |
| 8月   | 112.65 | 109.44 | 110.12 | 105.06 | 106.21 | 125.44 | 86.25  | 110.99 |
| 9月   | 111.83 | 101.99 | 104.73 | 94.79  | 93.52  | 114.30 | 85.71  | 105.91 |
| 10月  | 118.21 | 109.20 | 108.32 | 103.44 | 104.83 | 124.37 | 96.17  | 107.15 |
| 11月  | 113.12 | 106.64 | 103.57 | 101.50 | 103.90 | 122.09 | 93.12  | 110.69 |
| 12月  | 111.68 | 105.79 | 103.76 | 99.50  | 104.49 | 121.27 | 87.46  | 105.11 |
| 108年 |        |        |        |        |        |        |        |        |
| 1月   | 108.35 | 107.12 | 102.85 | 105.28 | 103.84 | 113.26 | 99.78  | 118.37 |
| 2月   | 86.38  | 79.85  | 90.06  | 74.55  | 72.39  | 80.16  | 64.76  | 78.48  |
| 本年累計 | 97.37  | 93.49  | 96.46  | 89.92  | 88.12  | 96.71  | 82.27  | 98.43  |

## 2. 較上年同期(月)之增減率(%)

|      |       |        |        |        |        |        |        |        |
|------|-------|--------|--------|--------|--------|--------|--------|--------|
| 95年  | 4.62  | 1.29   | 8.72   | 1.31   | -7.02  | 4.53   | -18.01 | -5.61  |
| 96年  | 8.33  | 1.67   | 1.54   | -0.62  | -6.65  | 9.41   | -5.70  | 11.55  |
| 97年  | -0.89 | -6.03  | -7.82  | -3.54  | -5.56  | -5.72  | -17.26 | 10.19  |
| 98年  | -7.80 | -18.72 | -12.63 | -21.77 | -16.14 | -31.79 | -2.74  | -26.68 |
| 99年  | 29.72 | 30.22  | 28.25  | 23.85  | 21.06  | 56.28  | 30.56  | 10.36  |
| 100年 | 2.74  | 5.08   | 3.99   | 7.83   | -5.34  | 6.20   | 8.98   | 6.65   |
| 101年 | 0.56  | -2.59  | -4.22  | 0.38   | -0.58  | -6.00  | -2.45  | 5.41   |
| 102年 | 3.40  | 0.58   | 4.02   | 2.01   | -0.81  | -4.17  | -3.68  | 2.66   |
| 103年 | 6.83  | 6.22   | 3.59   | 4.43   | 5.11   | 8.57   | 12.79  | 7.63   |
| 104年 | -1.16 | -3.10  | -6.56  | -4.33  | 1.93   | -1.31  | -3.03  | 0.00   |
| 105年 | 1.91  | -0.79  | 4.16   | -1.38  | 1.84   | -5.76  | -3.76  | -5.45  |
| 106年 | 5.27  | 3.78   | 2.73   | 0.03   | -2.06  | 10.86  | 0.38   | 5.72   |
| 107年 | 3.93  | 2.43   | 2.29   | 0.40   | 2.58   | 8.23   | -5.76  | 1.49   |
| 2月   | -5.22 | -8.38  | -11.16 | -9.28  | -15.26 | 2.85   | -22.44 | -3.68  |
| 3月   | 6.07  | 3.59   | -0.08  | 2.93   | 3.18   | 11.69  | -4.36  | 7.83   |
| 4月   | 8.87  | 2.31   | -0.59  | -0.13  | 5.86   | 11.85  | -6.67  | 2.55   |
| 5月   | 7.58  | 9.47   | 3.28   | 7.59   | 10.59  | 17.23  | 8.57   | 10.19  |
| 6月   | 0.29  | 0.95   | 6.36   | -4.68  | -6.65  | 10.08  | -8.83  | 0.39   |
| 7月   | 5.32  | 5.26   | 4.73   | 3.28   | 5.82   | 12.48  | 3.18   | -5.04  |
| 8月   | 1.58  | 0.61   | 3.84   | -3.68  | -2.01  | 7.61   | -10.28 | -3.27  |
| 9月   | 2.03  | -2.88  | 3.66   | -7.32  | -1.44  | -2.10  | -10.71 | -7.95  |
| 10月  | 9.81  | 8.22   | 12.09  | 6.37   | 13.06  | 11.63  | -0.79  | 0.29   |
| 11月  | 2.74  | -2.55  | 0.83   | -1.85  | -1.21  | -0.43  | -15.47 | -0.82  |
| 12月  | -1.22 | -3.77  | -2.26  | -3.27  | 1.54   | -3.48  | -15.76 | -4.55  |
| 108年 |       |        |        |        |        |        |        |        |
| 1月   | -1.08 | -3.16  | -2.80  | -1.70  | -1.97  | -2.13  | -8.21  | 0.00   |
| 2月   | -1.86 | -1.29  | 3.53   | -2.69  | 3.80   | -9.12  | -2.66  | -1.75  |
| 本年累計 | -1.43 | -2.37  | 0.06   | -2.11  | 0.32   | -5.16  | -6.11  | -0.71  |

## A-4 Indexes of Manufacturing Production - By Four Groups &amp; Sectors

| 34<br>產業用機械<br>設備維修及<br>安裝業<br>Repair & Installation<br>of Industrial<br>Machinery<br>& Equipment | 資 訊<br>電子工業<br>Information<br>& Electronic<br>Industry | 26<br>電 子<br>零組件業<br>Electronic<br>Parts &<br>Components | 27<br>電腦、電子<br>產品及光學<br>製 品 業<br>Computers,<br>Electronic<br>& Optical<br>Products | 化 學<br>工 業<br>Chemistry<br>Industry | 13<br>皮革、毛皮<br>及其製品業<br>Leather, Fur<br>& Related<br>Products | 15<br>紙漿、紙<br>及紙製品業<br>Pulp, Paper<br>& Paper<br>Products | 16<br>印刷及資料<br>儲存媒體<br>複 製 業<br>Printing &<br>Reproduction<br>of Recorded<br>Media | Period           |
|---|--|--|--|-------------------------------------|---|---|--|------------------|
| 7.10  | 449.88   | 405.36   | 44.52  | 189.77                              | 0.49  | 8.84  | 4.80   | 2018 Weights (‰) |

## 1. Chained Indexes (2016 = 100)

|        |        |        |        |        |        |        |        |                    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| 65.10  | 43.25  | 41.47  | 55.06  | 91.65  | 258.19 | 97.94  | 113.11 | 2006               |
| 67.75  | 51.96  | 51.04  | 59.55  | 97.80  | 233.00 | 99.76  | 113.77 | 2007               |
| 63.29  | 56.47  | 55.86  | 61.91  | 91.74  | 207.96 | 94.52  | 114.24 | 2008               |
| 58.15  | 54.24  | 54.59  | 52.42  | 92.48  | 183.05 | 89.73  | 103.16 | 2009               |
| 71.56  | 77.11  | 76.65  | 80.86  | 100.98 | 200.33 | 96.30  | 113.42 | 2010               |
| 78.14  | 80.61  | 76.75  | 109.64 | 97.08  | 178.18 | 96.90  | 114.60 | 2011               |
| 76.41  | 82.16  | 81.06  | 91.37  | 98.16  | 164.78 | 97.59  | 108.18 | 2012               |
| 72.93  | 87.40  | 86.89  | 92.12  | 99.63  | 160.19 | 98.32  | 106.00 | 2013               |
| 78.43  | 97.23  | 96.75  | 101.83 | 100.58 | 159.60 | 100.83 | 104.16 | 2014               |
| 86.83  | 96.38  | 95.55  | 104.13 | 100.14 | 122.11 | 98.91  | 101.74 | 2015               |
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 2016               |
| 116.28 | 107.82 | 108.20 | 104.49 | 100.70 | 103.83 | 100.22 | 96.97  | 2017               |
| 129.13 | 114.23 | 113.97 | 116.50 | 102.60 | 97.44  | 101.32 | 95.28  | 2018               |
| 98.18  | 92.47  | 94.18  | 77.77  | 89.61  | 68.00  | 79.94  | 67.06  | Feb.               |
| 144.05 | 122.74 | 124.04 | 111.54 | 106.58 | 112.50 | 112.02 | 97.51  | Mar.               |
| 110.11 | 107.41 | 107.71 | 104.79 | 97.55  | 103.86 | 97.07  | 90.63  | Apr.               |
| 134.63 | 112.31 | 111.41 | 119.97 | 105.54 | 106.90 | 103.25 | 95.89  | May                |
| 143.57 | 109.20 | 108.68 | 113.68 | 101.26 | 95.35  | 100.39 | 88.64  | June               |
| 127.77 | 109.51 | 108.66 | 116.82 | 106.00 | 98.85  | 103.22 | 96.82  | July               |
| 127.10 | 115.90 | 114.56 | 127.42 | 107.38 | 100.62 | 105.18 | 94.62  | Aug.               |
| 126.86 | 123.12 | 123.21 | 122.31 | 99.76  | 93.52  | 95.83  | 89.07  | Sep.               |
| 127.01 | 129.18 | 128.06 | 138.76 | 104.44 | 98.30  | 105.30 | 110.55 | Oct.               |
| 121.61 | 119.97 | 118.75 | 130.44 | 104.13 | 86.56  | 102.98 | 110.25 | Nov.               |
| 144.37 | 119.12 | 117.66 | 131.54 | 100.43 | 99.05  | 101.72 | 105.44 | Dec.               |
| 128.73 | 108.14 | 105.11 | 136.09 | 105.47 | 112.72 | 110.45 | 90.53  | 2019               |
| 96.51  | 89.44  | 88.41  | 98.86  | 89.00  | 70.49  | 78.62  | 58.65  | Jan.               |
| 112.62 | 98.79  | 96.76  | 117.48 | 97.24  | 91.61  | 94.54  | 74.59  | Feb.               |
|        |        |        |        |        |        |        |        | Jan.-Current Month |

## 2. Annual Change Rate (%)

|        |       |       |        |       |        |        |        |                    |
|--------|-------|-------|--------|-------|--------|--------|--------|--------------------|
| --     | 16.17 | 24.12 | -6.61  | -0.54 | -12.60 | -3.42  | -2.31  | 2006               |
| 4.07   | 20.14 | 23.08 | 8.15   | 6.71  | -9.76  | 1.86   | 0.58   | 2007               |
| -6.58  | 8.68  | 9.44  | 3.96   | -6.20 | -10.75 | -5.25  | 0.41   | 2008               |
| -8.12  | -3.95 | -2.27 | -15.33 | 0.81  | -11.98 | -5.07  | -9.70  | 2009               |
| 23.06  | 42.16 | 40.41 | 54.25  | 9.19  | 9.44   | 7.32   | 9.95   | 2010               |
| 9.20   | 4.54  | 0.13  | 35.59  | -3.86 | -11.06 | 0.62   | 1.04   | 2011               |
| -2.21  | 1.92  | 5.62  | -16.66 | 1.11  | -7.52  | 0.71   | -5.60  | 2012               |
| -4.55  | 6.38  | 7.19  | 0.82   | 1.50  | -2.79  | 0.75   | -2.02  | 2013               |
| 7.54   | 11.25 | 11.35 | 10.54  | 0.95  | -0.37  | 2.55   | -1.74  | 2014               |
| 10.71  | -0.87 | -1.24 | 2.26   | -0.44 | -23.49 | -1.90  | -2.32  | 2015               |
| 15.17  | 3.76  | 4.66  | -3.97  | -0.14 | -18.11 | 1.10   | -1.71  | 2016               |
| 16.28  | 7.82  | 8.20  | 4.49   | 0.70  | 3.83   | 0.22   | -3.03  | 2017               |
| 11.05  | 5.95  | 5.33  | 11.49  | 1.89  | -6.15  | 1.10   | -1.74  | 2018               |
| 1.78   | -3.35 | -2.71 | -9.54  | -1.03 | -29.37 | -12.87 | -16.58 | Feb.               |
| 10.22  | 11.47 | 12.79 | 0.21   | 1.99  | -18.89 | 0.51   | -6.41  | Mar.               |
| 0.10   | 17.08 | 17.37 | 14.59  | 4.37  | -3.56  | 2.35   | -3.09  | Apr.               |
| 19.76  | 10.64 | 9.14  | 24.23  | 3.18  | 0.54   | 5.65   | 3.17   | May                |
| 8.72   | 0.80  | 0.49  | 3.48   | -3.70 | -14.77 | -0.59  | -6.35  | June               |
| 10.22  | 5.10  | 4.10  | 13.82  | 1.23  | -0.20  | 4.82   | -2.32  | July               |
| 10.07  | 2.41  | 1.37  | 11.18  | -0.73 | -4.32  | 1.19   | -6.34  | Aug.               |
| 6.60   | 6.16  | 6.01  | 7.50   | 0.02  | -6.94  | -6.42  | -5.23  | Sep.               |
| 10.64  | 11.55 | 10.08 | 24.85  | 6.47  | 3.65   | 6.25   | 8.21   | Oct.               |
| 2.37   | 3.85  | 2.69  | 13.97  | 4.54  | -10.61 | -0.91  | 0.92   | Nov.               |
| 12.79  | -0.53 | -2.51 | 17.83  | -2.32 | 10.17  | -1.47  | 3.04   | Dec.               |
| -10.78 | -1.57 | -5.02 | 32.16  | -2.77 | 6.61   | 1.39   | -6.50  | 2019               |
| -1.70  | -3.28 | -6.13 | 27.12  | -0.68 | 3.66   | -1.65  | -12.54 | Jan.               |
| -7.11  | -2.35 | -5.53 | 30.00  | -1.82 | 5.46   | 0.11   | -8.97  | Feb.               |
|        |       |       |        |       |        |        |        | Jan.-Current Month |

## A-4 製造業生產指數—按四大行業及中分類(續)

| 年月別       | 17   | 18   | 19  | 20   | 21                                 | 22                                  | 民 工 生 業<br>Food, Textiles<br>&<br>Other Industry | 08<br>食 品 及 業<br>飼 品 業<br>Food & Prepared<br>Animal Feeds |
|-----------|--|--|---|--|------------------------------------|-------------------------------------|--|---|
|           | 石油及煤<br>製 品 業<br>Petroleum<br>& Coal<br>Products | 化學原材料肥料<br>氮化合物塑膠橡膠<br>原料及人纖業<br>Chemical, Fertilizers,<br>Nitrogen Compounds,<br>Plastic & Rubber,<br>Man-made Fibres | 其他化學<br>製 品 業<br>Other Chemical<br>Products | 藥品及醫用<br>化學製品業<br>Pharmaceuticals<br>& Medicinal<br>Chemical<br>products | 橡 膠<br>製 品 業<br>Rubber<br>Products | 塑 膠<br>製 品 業<br>Plastic<br>Products |  |   |
| 107年權數(%) | 53.45  | 77.14  | 15.45                                       | 7.32   | 7.13                               | 15.15                               | 90.38  | 23.98   |

## 1. 連鎖指數(民國105年=100)

|      |        |        |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 95年  | 109.96 | 82.90  | 78.22  | 70.97  | 99.55  | 108.36 | 95.66  | 90.23  |
| 96年  | 111.72 | 93.40  | 78.30  | 74.26  | 104.40 | 108.39 | 94.94  | 89.11  |
| 97年  | 102.01 | 87.07  | 76.33  | 75.97  | 101.99 | 99.28  | 89.81  | 86.28  |
| 98年  | 102.59 | 93.06  | 71.54  | 81.04  | 84.65  | 85.76  | 81.95  | 86.25  |
| 99年  | 98.39  | 104.84 | 87.47  | 86.79  | 107.99 | 98.73  | 91.26  | 92.59  |
| 100年 | 91.15  | 99.42  | 87.84  | 88.19  | 110.07 | 100.37 | 93.52  | 93.55  |
| 101年 | 97.39  | 98.90  | 87.67  | 93.27  | 104.29 | 99.97  | 94.50  | 93.95  |
| 102年 | 98.73  | 100.13 | 94.89  | 96.14  | 102.29 | 100.14 | 95.76  | 95.20  |
| 103年 | 98.77  | 100.41 | 99.65  | 92.03  | 106.97 | 105.15 | 97.69  | 95.47  |
| 104年 | 98.99  | 99.80  | 101.52 | 95.51  | 106.41 | 101.96 | 97.87  | 96.36  |
| 105年 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| 106年 | 95.20  | 102.67 | 107.98 | 99.12  | 102.79 | 101.95 | 103.74 | 100.57 |
| 107年 | 97.95  | 104.56 | 110.94 | 102.40 | 99.38  | 104.01 | 104.91 | 102.15 |
| 2月   | 93.74  | 96.32  | 83.46  | 75.05  | 75.24  | 79.19  | 77.32  | 85.74  |
| 3月   | 92.82  | 109.83 | 120.87 | 112.98 | 115.48 | 112.50 | 109.60 | 101.98 |
| 4月   | 85.16  | 104.88 | 107.58 | 90.16  | 94.76  | 100.30 | 96.85  | 91.01  |
| 5月   | 98.81  | 107.00 | 117.98 | 105.83 | 109.38 | 109.32 | 111.33 | 102.83 |
| 6月   | 96.67  | 102.20 | 110.66 | 100.08 | 102.89 | 105.87 | 105.96 | 100.84 |
| 7月   | 106.05 | 105.24 | 111.50 | 108.00 | 100.42 | 109.07 | 107.36 | 108.44 |
| 8月   | 105.91 | 107.76 | 114.89 | 106.44 | 102.51 | 110.17 | 112.77 | 109.63 |
| 9月   | 99.56  | 100.87 | 104.03 | 100.98 | 92.90  | 98.74  | 101.25 | 97.03  |
| 10月  | 96.32  | 105.58 | 118.93 | 109.24 | 99.96  | 106.92 | 110.68 | 103.89 |
| 11月  | 101.31 | 104.30 | 113.32 | 102.88 | 98.32  | 104.42 | 110.38 | 103.19 |
| 12月  | 92.86  | 102.32 | 108.58 | 110.13 | 95.25  | 102.02 | 109.46 | 109.11 |
| 108年 |        |        |        |        |        |        |        |        |
| 1月   | 98.20  | 105.45 | 119.24 | 117.51 | 108.43 | 110.93 | 114.40 | 121.92 |
| 2月   | 98.30  | 91.40  | 81.45  | 81.22  | 76.72  | 73.66  | 77.74  | 79.64  |
| 本年累計 | 98.25  | 98.43  | 100.35 | 99.37  | 92.58  | 92.30  | 96.07  | 100.78 |

## 2. 較上年同期(月)之增減率(%)

|      |       |       |       |       |        |        |        |       |
|------|-------|-------|-------|-------|--------|--------|--------|-------|
| 95年  | -5.52 | 2.04  | 3.59  | 0.13  | -3.11  | -5.66  | -2.01  | -0.36 |
| 96年  | 1.60  | 12.67 | 0.10  | 4.64  | 4.87   | 0.03   | -0.75  | -1.24 |
| 97年  | -8.69 | -6.78 | -2.52 | 2.30  | -2.31  | -8.40  | -5.40  | -3.18 |
| 98年  | 0.57  | 6.88  | -6.28 | 6.67  | -17.00 | -13.62 | -8.75  | -0.03 |
| 99年  | -4.09 | 12.66 | 22.27 | 7.10  | 27.57  | 15.12  | 11.36  | 7.35  |
| 100年 | -7.36 | -5.17 | 0.42  | 1.61  | 1.93   | 1.66   | 2.48   | 1.04  |
| 101年 | 6.85  | -0.52 | -0.19 | 5.76  | -5.25  | -0.40  | 1.05   | 0.43  |
| 102年 | 1.38  | 1.24  | 8.24  | 3.08  | -1.92  | 0.17   | 1.33   | 1.33  |
| 103年 | 0.04  | 0.28  | 5.02  | -4.28 | 4.58   | 5.00   | 2.02   | 0.28  |
| 104年 | 0.22  | -0.61 | 1.88  | 3.78  | -0.52  | -3.03  | 0.18   | 0.93  |
| 105年 | 1.02  | 0.20  | -1.50 | 4.70  | -6.02  | -1.92  | 2.18   | 3.78  |
| 106年 | -4.80 | 2.67  | 7.98  | -0.88 | 2.79   | 1.95   | 3.74   | 0.57  |
| 107年 | 2.89  | 1.84  | 2.74  | 3.31  | -3.32  | 2.02   | 1.13   | 1.57  |
| 2月   | 1.14  | 4.24  | -6.67 | -7.02 | -16.58 | -8.19  | -15.98 | -1.30 |
| 3月   | -6.37 | 9.70  | 4.12  | 7.27  | -0.53  | -0.23  | -6.71  | -4.09 |
| 4月   | 4.73  | 6.26  | 7.30  | -0.39 | -6.20  | 4.25   | -7.17  | -1.95 |
| 5月   | 1.99  | 0.82  | 9.75  | 9.27  | 2.72   | 5.97   | -3.22  | 0.19  |
| 6月   | -5.96 | -2.81 | 0.98  | -6.01 | -7.30  | -2.90  | 3.26   | -0.17 |
| 7月   | 3.28  | -2.62 | 5.05  | 4.86  | -4.09  | 6.52   | 13.81  | 5.70  |
| 8月   | -2.64 | 3.06  | -4.45 | -4.85 | -6.03  | -0.18  | 3.78   | -0.49 |
| 9月   | 2.23  | 5.12  | -8.04 | 0.74  | -9.59  | -6.32  | -3.18  | -3.72 |
| 10月  | 17.51 | -0.39 | 6.50  | 20.83 | 3.12   | 6.66   | 13.65  | 7.60  |
| 11月  | 23.11 | -0.46 | -2.07 | 3.75  | -6.31  | 1.75   | 6.93   | 2.07  |
| 12月  | -3.15 | -2.90 | -1.99 | 5.11  | -9.04  | -0.49  | 5.12   | 7.33  |
| 108年 |       |       |       |       |        |        |        |       |
| 1月   | -7.47 | -2.78 | -0.23 | 9.83  | 2.83   | 1.18   | 7.92   | 8.74  |
| 2月   | 4.86  | -5.11 | -2.41 | 8.22  | 1.97   | -6.98  | 0.54   | -7.11 |
| 本年累計 | -1.69 | -3.87 | -1.12 | 9.17  | 2.47   | -2.25  | 4.81   | 1.87  |

## A-4 Indexes of Manufacturing Production - By Four Groups &amp; Sectors (Cont.)

| 09<br>飲料業<br>Beverages | 10<br>菸草業<br>Tobacco<br>Products | 11<br>紡織業<br>Textiles | 12<br>成衣及<br>服飾品業<br>Wearing<br>Apparel &<br>Clothing<br>Accessories | 14<br>木製<br>品業<br>Wood<br>&<br>Bamboo<br>Products | 23<br>非金屬礦物<br>製品業<br>Non-metallic<br>Mineral<br>Products | 32<br>家具業<br>Furniture | 33<br>其他<br>製造業<br>Other<br>Manufacturing | Period           |
|------------------------|----------------------------------|-----------------------|--|---|---|------------------------|---|------------------|
| 8.97                   | 15.91                            | 14.45                 | 1.06   | 0.82  | 10.20   | 2.01                   | 12.98                                     | 2018 Weights (%) |

## 1. Chained Indexes (2016 = 100)

|        |        |        |        |        |        |        |        |                    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| 81.37  | 59.57  | 115.58 | 216.19 | 122.08 | 110.64 | 96.74  | 69.45  | 2006               |
| 81.24  | 62.88  | 115.09 | 194.89 | 109.84 | 108.59 | 100.65 | 71.73  | 2007               |
| 81.54  | 64.51  | 103.34 | 161.86 | 97.89  | 100.48 | 93.78  | 70.52  | 2008               |
| 86.96  | 68.03  | 92.12  | 129.13 | 80.85  | 87.05  | 75.95  | 63.38  | 2009               |
| 95.88  | 70.34  | 106.84 | 140.11 | 89.33  | 101.48 | 90.81  | 74.42  | 2010               |
| 103.52 | 78.28  | 99.36  | 119.67 | 94.83  | 109.47 | 90.45  | 74.79  | 2011               |
| 107.39 | 82.63  | 98.54  | 115.78 | 94.72  | 104.54 | 96.14  | 78.41  | 2012               |
| 101.49 | 82.11  | 101.88 | 115.84 | 96.30  | 109.97 | 93.79  | 82.87  | 2013               |
| 102.60 | 81.37  | 103.59 | 114.11 | 103.61 | 112.12 | 98.34  | 91.06  | 2014               |
| 101.57 | 81.04  | 104.74 | 105.97 | 100.88 | 108.57 | 100.28 | 94.56  | 2015               |
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 2016               |
| 102.81 | 119.06 | 97.84  | 89.27  | 103.34 | 97.49  | 99.96  | 112.04 | 2017               |
| 99.27  | 116.03 | 94.79  | 81.29  | 107.43 | 100.52 | 100.24 | 126.64 | 2018               |
| 63.08  | 63.57  | 75.34  | 67.20  | 76.03  | 77.10  | 70.53  | 92.03  | Feb.               |
| 109.63 | 122.33 | 105.86 | 78.02  | 112.12 | 101.44 | 98.98  | 132.41 | Mar.               |
| 80.58  | 106.55 | 96.40  | 79.80  | 104.18 | 99.71  | 88.77  | 115.28 | Apr.               |
| 112.44 | 129.65 | 100.69 | 87.96  | 114.95 | 105.77 | 103.63 | 134.50 | May                |
| 110.04 | 131.24 | 92.27  | 79.52  | 110.80 | 98.22  | 100.46 | 117.20 | June               |
| 106.78 | 118.58 | 94.35  | 79.91  | 113.62 | 100.74 | 97.06  | 123.15 | July               |
| 116.31 | 123.39 | 100.24 | 94.73  | 117.01 | 100.91 | 110.09 | 137.16 | Aug.               |
| 98.77  | 113.12 | 90.12  | 68.56  | 104.01 | 96.18  | 100.87 | 125.17 | Sep.               |
| 106.79 | 124.54 | 96.69  | 86.00  | 113.58 | 107.45 | 106.97 | 141.33 | Oct.               |
| 102.97 | 134.01 | 93.86  | 77.76  | 109.77 | 105.49 | 108.73 | 140.25 | Nov.               |
| 87.72  | 133.79 | 89.26  | 84.85  | 105.29 | 106.16 | 110.46 | 137.92 | Dec.               |
| 103.16 | 111.31 | 100.61 | 78.03  | 111.52 | 107.74 | 110.90 | 146.21 | 2019               |
| 64.74  | 86.98  | 72.29  | 57.72  | 70.59  | 73.61  | 66.19  | 91.63  | Jan.               |
| 83.95  | 99.15  | 86.45  | 67.88  | 91.06  | 90.68  | 88.55  | 118.92 | Feb.               |
|        |        |        |        |        |        |        |        | Jan.-Current Month |

## 2. Annual Change Rate (%)

|        |        |        |        |        |        |        |        |                    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| 1.81   | -5.82  | -3.21  | -9.67  | -3.51  | -1.85  | -0.13  | -4.95  | 2006               |
| -0.16  | 5.56   | -0.42  | -9.85  | -10.03 | -1.85  | 4.04   | 3.28   | 2007               |
| 0.37   | 2.59   | -10.21 | -16.95 | -10.88 | -7.47  | -6.83  | -1.69  | 2008               |
| 6.65   | 5.46   | -10.86 | -20.22 | -17.41 | -13.37 | -19.01 | -10.12 | 2009               |
| 10.26  | 3.40   | 15.98  | 8.50   | 10.49  | 16.58  | 19.57  | 17.42  | 2010               |
| 7.97   | 11.29  | -7.00  | -14.59 | 6.16   | 7.87   | -0.40  | 0.50   | 2011               |
| 3.74   | 5.56   | -0.83  | -3.25  | -0.12  | -4.50  | 6.29   | 4.84   | 2012               |
| -5.49  | -0.63  | 3.39   | 0.05   | 1.67   | 5.19   | -2.44  | 5.69   | 2013               |
| 1.09   | -0.90  | 1.68   | -1.49  | 7.59   | 1.96   | 4.85   | 9.88   | 2014               |
| -1.00  | -0.41  | 1.11   | -7.13  | -2.63  | -3.17  | 1.97   | 3.84   | 2015               |
| -1.55  | 23.40  | -4.53  | -5.63  | -0.87  | -7.89  | -0.28  | 5.75   | 2016               |
| 2.81   | 19.06  | -2.16  | -10.73 | 3.34   | -2.51  | -0.04  | 12.04  | 2017               |
| -3.44  | -2.54  | -3.12  | -8.94  | 3.96   | 3.11   | 0.28   | 13.03  | 2018               |
| -24.60 | -51.84 | -13.83 | -4.59  | -7.55  | -2.02  | -15.26 | -0.99  | Feb.               |
| 6.42   | -31.06 | -6.52  | -12.82 | 5.29   | 0.67   | -9.54  | 10.96  | Mar.               |
| -8.03  | -35.51 | -0.98  | 1.89   | 1.60   | 5.02   | -1.62  | 10.20  | Apr.               |
| 8.33   | -33.97 | 0.82   | -2.59  | 12.10  | 3.48   | 8.37   | 25.50  | May                |
| -1.50  | 32.55  | -6.18  | -15.23 | -2.09  | 3.19   | -4.01  | 1.87   | June               |
| 1.56   | 177.57 | -1.55  | -18.02 | 9.65   | 0.32   | -0.05  | 10.43  | July               |
| -15.29 | 41.23  | -2.57  | -4.55  | 6.71   | 2.82   | 3.04   | 11.80  | Aug.               |
| -18.54 | 11.27  | -7.32  | -22.84 | 0.65   | -4.36  | -1.33  | 5.94   | Sep.               |
| 13.90  | 39.10  | -0.52  | -3.75  | 9.72   | 8.90   | 16.17  | 27.24  | Oct.               |
| 9.54   | 23.07  | -3.86  | -16.69 | -3.17  | 8.51   | -2.62  | 14.79  | Nov.               |
| -10.59 | 26.83  | -8.39  | -9.38  | -2.37  | -0.82  | -0.91  | 15.64  | Dec.               |
| 7.28   | 21.57  | -1.70  | -14.43 | 3.51   | 0.64   | 4.35   | 18.61  | 2019               |
| 2.63   | 36.83  | -4.05  | -14.11 | -7.16  | -4.53  | -6.15  | -0.43  | Jan.               |
| 5.44   | 27.82  | -2.70  | -14.28 | -0.90  | -1.52  | 0.16   | 10.47  | Feb.               |
|        |        |        |        |        |        |        |        | Jan.-Current Month |