Taiwan Business Indicators in September 2022

Press Release

National Development Council (NDC)

October 27, 2022

In September 2022, the overall monitoring indicator turned to flash the “yellow-blue” signal, the total score decreased 6 points to 17. The trend-adjusted leading index decreased for eleven consecutive months and the coincident index decreased for seven consecutive months, the government will be closely monitoring the economic situation.

The Monitoring Indicators

* The total score in September 2022 was 17, flashing the “yellow-blue” signal, which decreased 6 points from 23 last month.

Leading Indicators

* The trend-adjusted leading index decreased by 0.92% in September 2022 to 96.06, falling for eleven consecutive months.

Coincident Indicators

* The trend-adjusted coincident index decreased by 1.82% in September 2022 to 95.01, falling for seven consecutive months.

Lagging Indicators

* The trend-adjusted lagging index increased by 0.10% in September 2022 to 104.20, rising for twenty-two consecutive months.

**T~~ Next publication date: November 28 2022 ~~**



**Figure 1 Total Scores in the Past Year**



**Figure 2 Monitoring Indicators**

 **Table 1 Leading Indicators**

Index

|  |  |
| --- | --- |
| 　 | 2022 |
| Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Trend adjusted index** | 101.82 | 100.94 | 99.92 | 98.84 | 97.85 | 96.96 | 96.06 |
| Change from preceding month (%) | -0.69 | -0.86 | -1.02 | -1.08 | -1.00 | -0.915  | -0.925  |
| **Components1** |  |  |  |  |  |  |  |
| Diffusion Index of export orders2 | 100.08 | 99.67 | 99.25 | 98.79 | 98.34 | 97.90  | 97.46  |
| Real monetary aggregates M1B  | 100.08 | 99.83 | 99.57 | 99.33 | 99.10 | 98.89  | 98.69  |
| TAIEX average closing price  | 100.33 | 100.02 | 99.67 | 99.29 | 98.90 | 98.53  | 98.15  |
| Net accession rate of employees on payrolls of industry and services 3  | 100.27 | 100.13 | 100.03 | 99.97 | 99.94 | 99.93  | 99.90  |
| New housing construction started 4 | 100.77 | 100.85 | 100.64 | 100.29 | 100.00 | 99.78  | 99.57  |
| Real imports of semiconductor equipment  | 99.67 | 99.67 | 99.75 | 99.88 | 100.04 | 100.19  | 100.32  |
| The TIER manufacturing sector composite indicator  | 100.15 | 99.65 | 99.12 | 98.59 | 98.10 | 97.63  | 97.17  |

Note：1. All components are passed through seasonal adjustment, trend-removal, smoothing and normalization.

2. Diffusion Index of export orders by number of firms.

3. Net accession rate is equal to accession rate minus separation rate.

4. Including only housing, mercantile, business and service, industry warehousing.

 2012.1(T)　　　　 2014.10(P) 2016.2(T)



 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

**Figure 3 Trend-adjusted Leading Index**

Note: Shaded areas represent recessions.

**Table 2 Coincident Indicators**

Index

|  |  |
| --- | --- |
|  | 2022 |
| Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Trend adjusted index** | 103.11  | 102.39  | 101.33  | 100.01  | 98.48  | 96.77  | 95.01  |
| Change from preceding month (%) | -0.37  | -0.70  | -1.03  | -1.30  | -1.54  | -1.73  | -1.82  |
| **Components** |  |  |  |  |  |  |  |
| Industrial production index | 100.53  | 100.28  | 99.96  | 99.56  | 99.06  | 98.46  | 97.79  |
| Electric power consumption  | 100.32  | 100.18  | 100.06  | 99.95  | 99.83  | 99.61  | 99.36  |
| Index of producer’s shipment for manufacturing  | 100.47  | 100.08  | 99.61  | 99.10  | 98.54  | 97.95  | 97.34  |
| Sales of trade and food services | 101.68  | 101.39  | 100.97  | 100.45  | 99.87  | 99.29  | 98.72  |
| Nonagricultural employment  | 100.11  | 99.96  | 99.77  | 99.63  | 99.53  | 99.48  | 99.45  |
| Real customs-cleared exports | 101.83  | 101.69  | 101.24  | 100.53  | 99.62  | 98.60  | 97.59  |
| Real machineries and electrical equipments imports  | 100.62  | 100.48  | 100.23  | 99.88  | 99.44  | 98.94  | 98.42  |

2011.2(P) 2012.1(T) 2014.10(P) 2016.2(T)

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2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

**Figure 4 Trend-adjusted Coincident Index**

**Table 3 Lagging Indicators**

 Index

|  |  |
| --- | --- |
|  | 2022 |
| Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Trend adjusted index** | 102.05  | 102.62  | 103.15  | 103.58  | 103.90  | 104.09  | 104.20  |
| Change from preceding month (%) | 0.51  | 0.56  | 0.52  | 0.42  | 0.31  | 0.18  | 0.10  |
| **Components** |  |  |  |  |  |  |  |
| Unemployment rate  | 100.67  | 100.65  | 100.62  | 100.59  | 100.59  | 100.61  | 100.64  |
| The manufacturing unit output labor cost index | 99.74  | 100.30  | 100.89  | 101.42  | 101.88  | 102.25  | 102.56  |
| Interbank overnight call-loan rate | 99.96  | 100.03  | 100.11  | 100.19  | 100.28  | 100.36  | 100.44  |
| Loans and investments of financial institutions | 100.57  | 100.24  | 99.83  | 99.39  | 98.94  | 98.51  | 98.08  |
| Inventory value for manufacturing | 101.23  | 101.54  | 101.87  | 102.17  | 102.41  | 102.57  | 102.71  |

 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

 2011.2(P) 2012.1(T) 2014.10(P) 2016.2(T)

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**Figure 5 Trend-adjusted Lagging Index**