

Central Bank of Nigeria



**Purchasing Managers'
Index (PMI) Survey
Report**

Statistics Department

August 2019

PURCHASING MANAGERS' INDEX (PMI) AUGUST 2019 REPORT

1.0 Introduction

The August 2019 PMI survey was conducted by the Statistics Department of the Central Bank of Nigeria during the period August 13-21, 2019. The respondents were purchasing and supply executives of manufacturing and non-manufacturing organizations in all 36 states in Nigeria and the Federal Capital Territory (FCT). The Bank makes no representation regarding the individual companies, other than the information they have provided. The data contained herein further provides input for policy decisions.

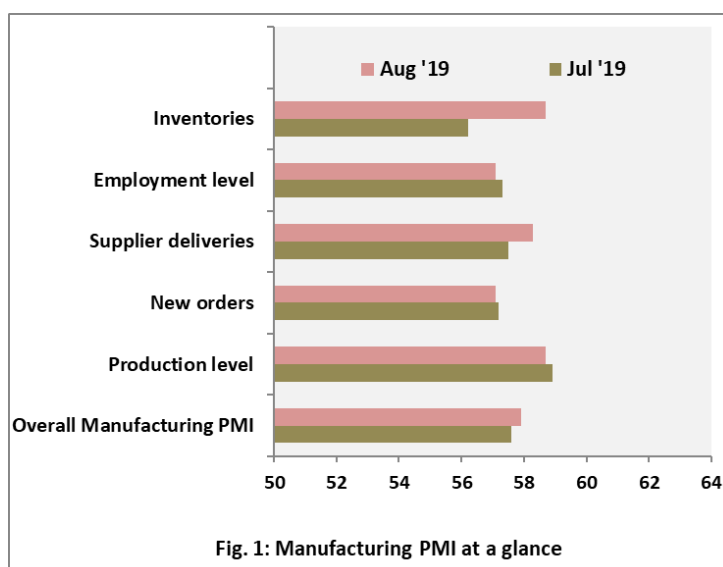
1.1 Data and Method of Presentation

The *Manufacturing and Non-Manufacturing PMI Report* on businesses is based on survey responses, indicating the *changes* in the level of business activities in the *current month* compared with the *preceding month*. For each of the indicators measured, this report shows the diffusion index of the responses. The diffusion index is computed as the percentage of *responses with positive change plus half* of the percentage of those reporting *no change*, except for supplier delivery time, which is computed as the percentage of *responses with negative change plus half* of the percentage of those reporting *no change*. The composite PMI for the manufacturing sector is computed as the *weighted average* of five diffusion indices, namely: production level, level of new orders, suppliers' delivery time, employment level and raw materials inventory/work in progress, with assigned weights of *25%, 30%, 15%, 10%* and *20%*, respectively. The composite PMI for the non-manufacturing sector is computed from four diffusion indices, namely: business activity, level of new orders, employment level and raw materials inventory, with equal weights of *25% each*.

A composite PMI above 50 points indicates that the manufacturing/non-manufacturing economy is generally expanding, 50 points indicates no change and below 50 points indicates that it is generally contracting. The subsectors reporting growth are listed in the order of highest to lowest growth, while those reporting contraction are listed in the order of the highest to the lowest contraction.

2.0 Manufacturing PMI Report

Supplier delivery time and raw materials inventories grew at a faster rate, while production level, new orders and employment level grew at a slower rate in August 2019



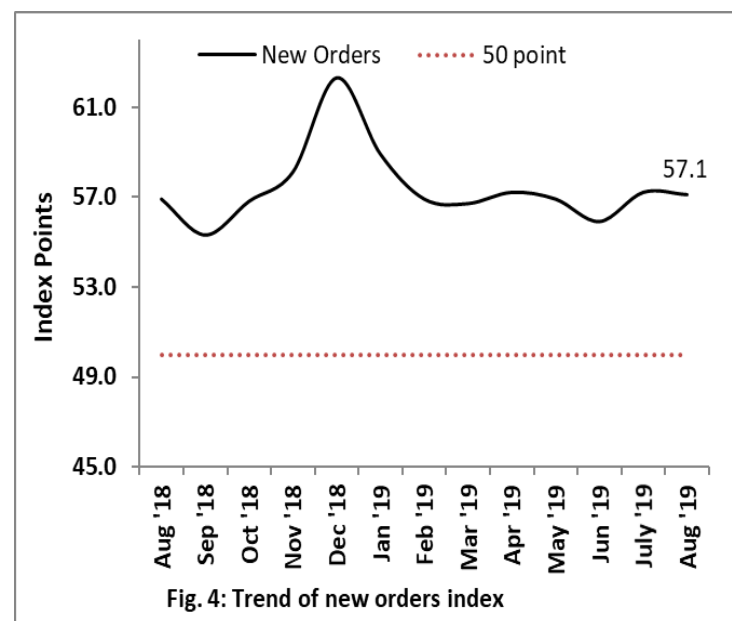
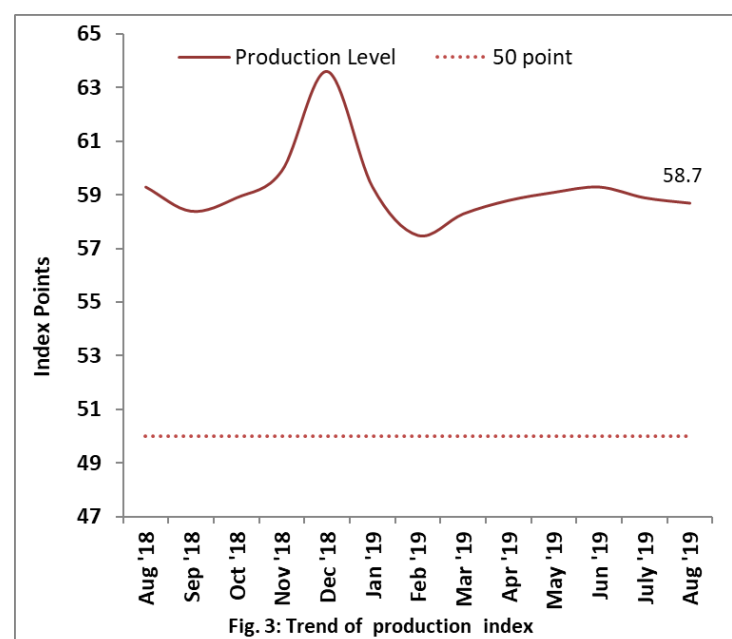
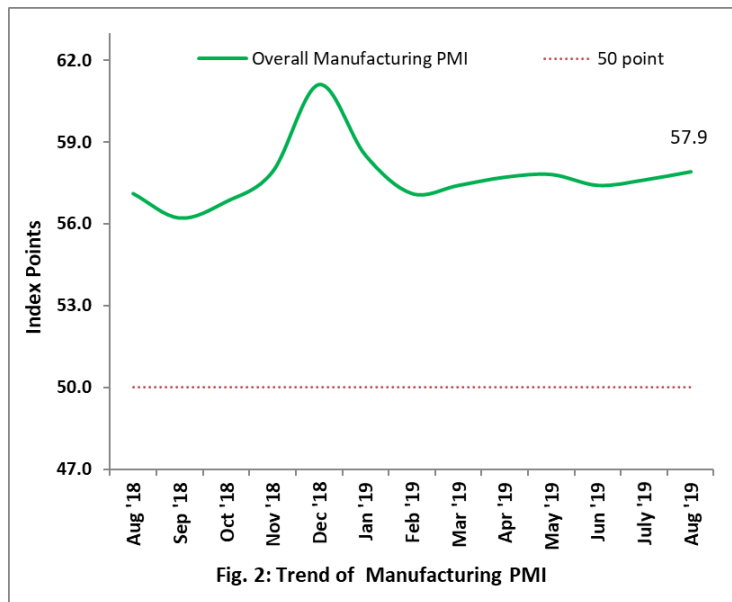
The *Manufacturing PMI* in the month of August stood at 57.9 index points, indicating expansion in the manufacturing sector for the twenty-ninth consecutive month (Fig. 2 and Table 1). The index grew at a faster rate when compared to the index in July. Of the 14 subsectors surveyed, 13 reported growth in the review month in the following order: cement; petroleum & coal products; food, beverage & tobacco products; transportation equipment; printing & related support activities; chemical & pharmaceutical products; furniture & related ; products; fabricated metal products; nonmetallic mineral products; electrical equipment; textile, apparel, leather & footwear; plastics & rubber products; and primary metal. The paper products subsector recorded decline in the review period (Fig. 2 and Table 1).

2.1 Production Level

At 58.7 points, the production level index for the manufacturing sector grew for the thirtieth consecutive month in August 2019. The index indicated a slower growth in the current month, when compared to its level in July 2019. Eight of the 14 manufacturing subsectors recorded increased production level, 3 remained unchanged, while 3 recorded decline (Fig. 3 and Table 2).

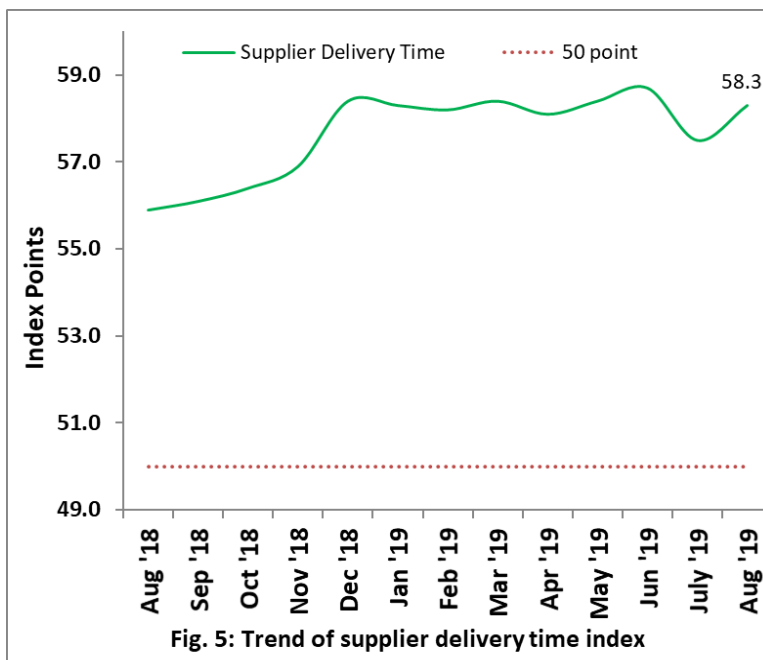
2.2 New Orders

At 57.1 points, the new orders index grew for the twenty-ninth consecutive month, indicating increase in new orders in August 2019. The index grew at a slower rate, when compared to its level in July 2019. Nine subsectors reported growth, 4 remained unchanged, while 1 contracted in the review month (Fig. 4 and Table 3).



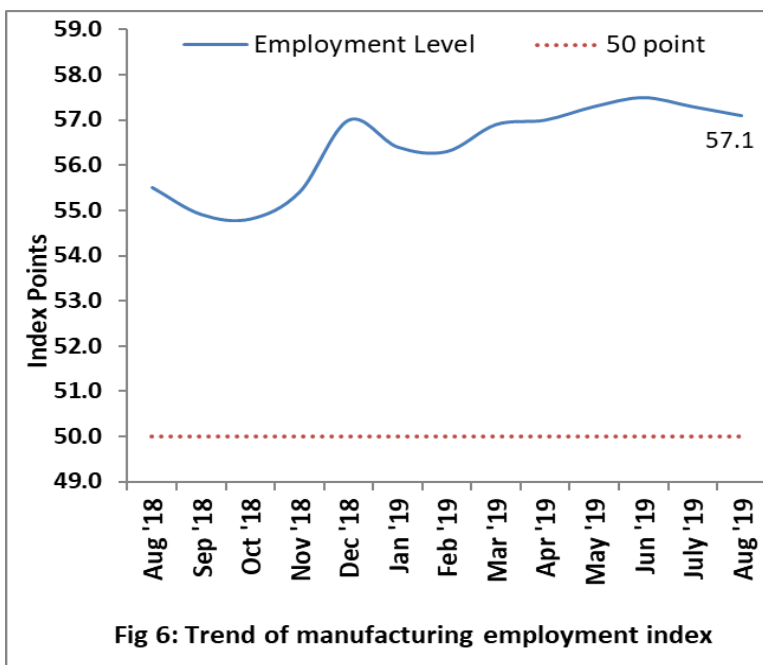
2.3 Supplier Delivery Time

The manufacturing supplier delivery time index stood at 58.3 points in August 2019, indicating faster supplier delivery time. The index has recorded growth for twenty-seven consecutive months. Ten of the 14 subsectors recorded improved suppliers' delivery time, while 2 remained unchanged and 2 recorded decline in the review period (Fig. 5 and Table 4).



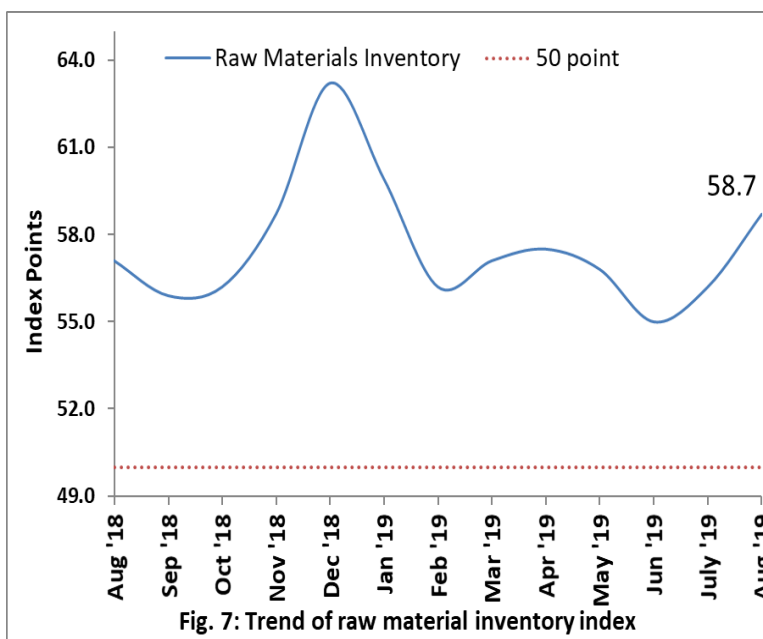
2.4 Employment Level

The employment level index for August 2019 stood at 57.1 points, indicating growth in employment level for the twenty-eighth consecutive month. Of the 14 subsectors, 10 reported increased employment level, 2 reported unchanged employment level while 2 reported decreased employment in the review month (Fig. 6 and Table 5).



2.5 Raw material Inventories

The Manufacturing sector inventories index grew for the twenty-ninth consecutive month in August 2019. At 58.7 points, the index grew at a faster rate when compared to its level in July 2019. Ten of the 14 subsectors recorded growth, while 4 subsectors reported unchanged raw material inventories in the review month (Fig. 7 and Table 6).



3.0 Non-Manufacturing PMI Report

Business activity and inventories grew at a faster rate, while new orders and employment level grew at a slower rate in August 2019

The *composite PMI* for the *non-manufacturing* sector stood at 58.8 points in August 2019, indicating expansion in the Non-manufacturing PMI for the twenty-eighth consecutive month. The index grew at a faster rate when compared to its level in July 2019. Fourteen of the 17 surveyed subsectors recorded growth in the following order: repair, maintenance/washing of motor vehicles; transportation & warehousing; information & communication; wholesale/retail trade; electricity, gas, steam & air conditioning supply; arts, entertainment & recreation; real estate rental & leasing; accommodation & food services; finance & insurance; health care & social assistance; professional, scientific, & technical services; construction; agriculture; and educational services. The management of companies; utilities; and water supply, sewage & waste management subsectors contacted in the review period. (Fig. 9 and Table 7).

3.1 Business Activity

At 58.2 points, the business activity index grew for the twenty-ninth consecutive month, indicating expansion in non-manufacturing business activity in August 2019. Fourteen subsectors recorded growth in business activity, 2 remained unchanged, while 1 declined in the review month (Fig 10 Table 8).

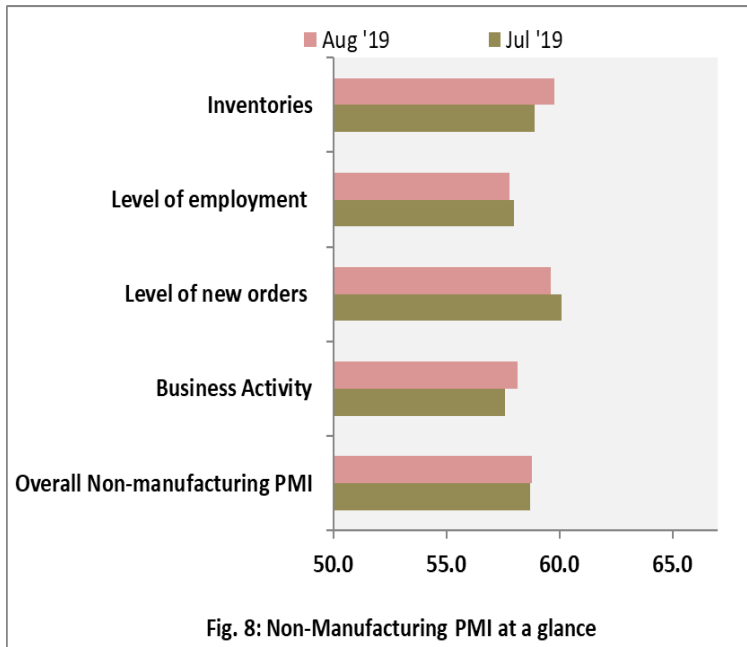


Fig. 8: Non-Manufacturing PMI at a glance

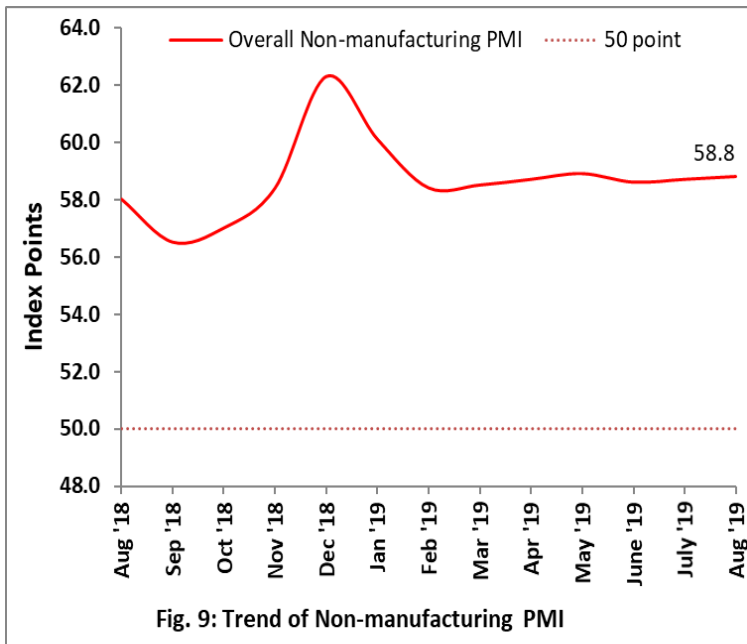


Fig. 9: Trend of Non-manufacturing PMI

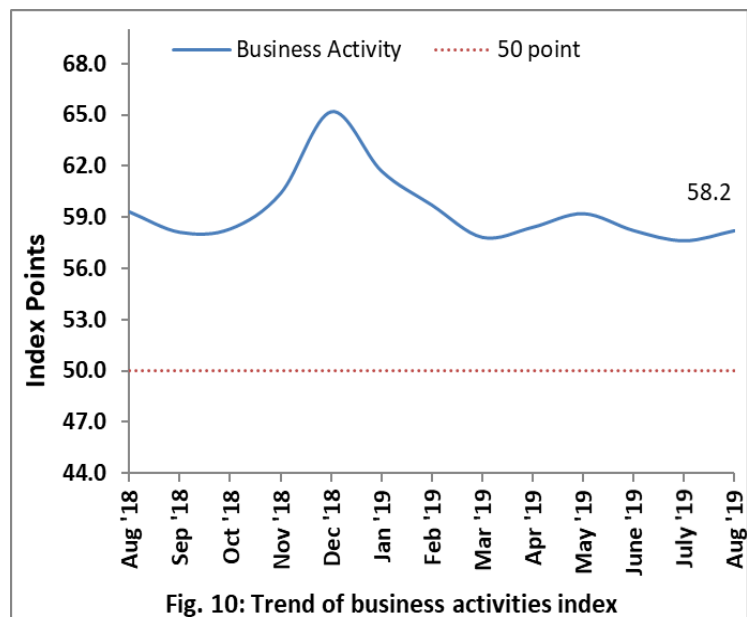
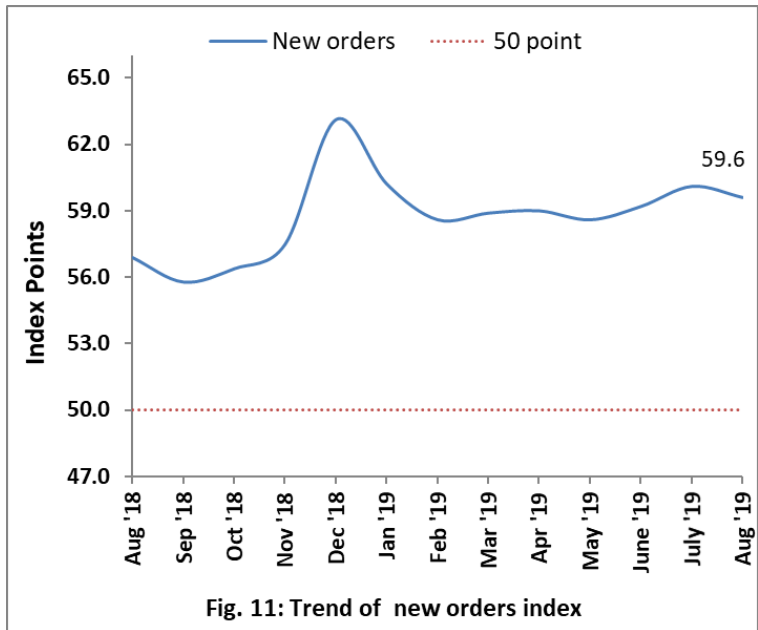


Fig. 10: Trend of business activities index

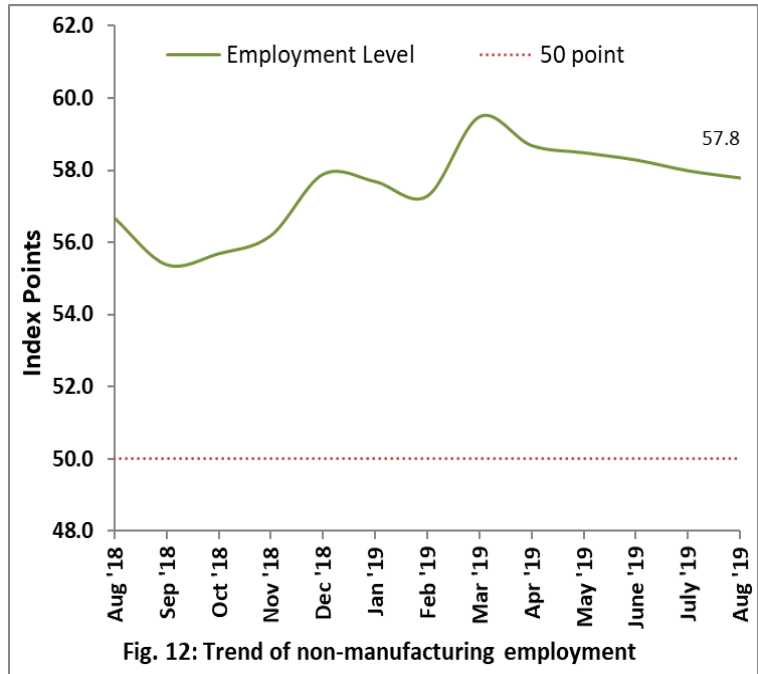
3.2 New Orders

At 59.6 points, new orders index grew for the twenty-ninth consecutive month in August 2019. Fourteen of the 17 surveyed subsectors recorded growth in new orders, 1 remained unchanged, while 2 recorded decline during the review period (Fig 11 Table 9).



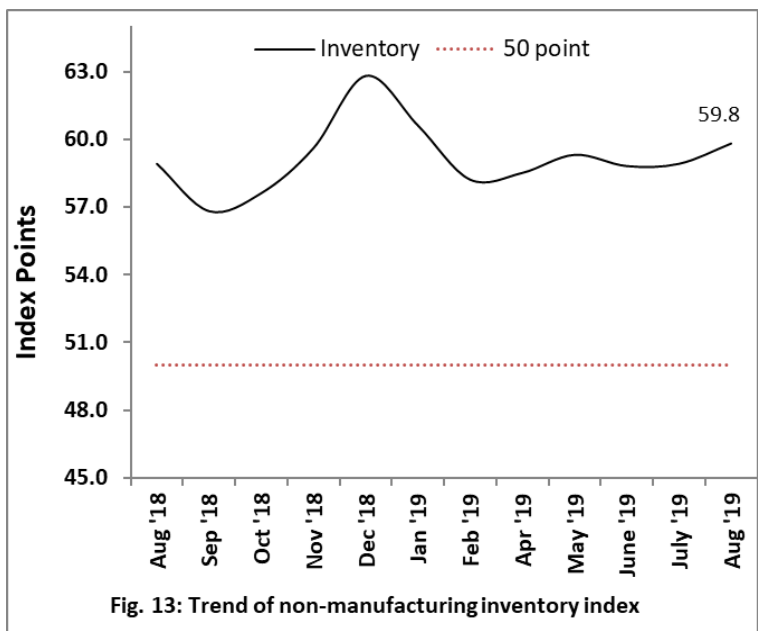
3.3 Employment Level

The employment level Index for the non-manufacturing sector stood at 57.8 points, indicating growth in employment for the twenty-eighth consecutive month. Fourteen subsectors recorded growth in employment level, 1 remained unchanged, while 2 subsectors declined in the review period (Fig 12 Table 10).



3.4 Non-manufacturing Inventory

At 59.8 points, non-manufacturing inventory index grew for the twenty-eighth consecutive month, indicating growth in inventories in the review period. Of the 17 surveyed subsectors, 13 recorded higher inventories, while 4 recorded declining inventories in August 2019 (Fig 13, Table 11).



APPENDICES

Table 1: Details of Overall Manufacturing PMI

| Index | July 2019 Index* | Aug 2019 Index* | Difference | Direction | Rate of Change | Trend** (Months) |
|---------------------------------------|------------------|-----------------|------------|-----------|------------------|------------------|
| Composite PMI \1 | 57.6 | 57.9 | 0.3 | Growing | Faster | 29 |
| Production level | 58.9 | 58.7 | -0.2 | Growing | Slower | 30 |
| New orders | 57.2 | 57.1 | -0.1 | Growing | Slower | 29 |
| Supplier delivery time | 57.5 | 58.3 | 0.8 | Growing | Faster | 27 |
| Employment level | 57.3 | 57.1 | -0.2 | Growing | Slower | 28 |
| Raw materials/WIP Inventory | 56.2 | 58.7 | 2.5 | Growing | Faster | 29 |
| New Export Orders | 41.1 | 39.9 | -1.2 | Declining | Faster | 54 |
| Output Prices | 52.2 | 50.3 | -1.9 | Growing | Slower | 44 |
| Input Prices | 59.5 | 57.0 | -2.5 | Growing | Slower | 62 |
| Quantity of Purchases | 52.5 | 51.2 | -1.3 | Growing | Slower | 11 |
| Outstanding Business/Backlog of Work | 41.8 | 42.4 | 0.6 | Declining | Slower | 21 |
| Stock of Finished Goods | 51.5 | 52.1 | 0.6 | Growing | Faster | 17 |
| Manufacturing Sub-Sectors | | | | | | |
| Cement | 61.4 | 74.4 | 13.0 | Growing | Faster | 11 |
| Chemical & pharmaceutical products | 57.1 | 58.4 | 1.3 | Growing | Faster | 19 |
| Electrical equipment | 56.0 | 54.0 | -2.0 | Growing | Slower | 19 |
| Fabricated metal products | 58.0 | 57.7 | -0.3 | Growing | Slower | 14 |
| Food, beverage & tobacco products | 58.8 | 61.7 | 2.9 | Growing | Faster | 35 |
| Furniture & related products | 58.2 | 58.2 | 0.0 | Growing | Flat | 15 |
| Nonmetallic mineral products | 57.9 | 56.3 | -1.6 | Growing | Slower | 2 |
| Paper products | 59.5 | 42.7 | -16.8 | Declining | From Expansion | 1 |
| Petroleum & coal products | 72.5 | 62.5 | -10.0 | Growing | Slower | 5 |
| Plastics & rubber products | 57.4 | 50.9 | -6.5 | Growing | Slower | 13 |
| Primary metal | 57.3 | 50.8 | -6.5 | Growing | Slower | 2 |
| Printing & related support activities | 59.9 | 58.5 | -1.4 | Growing | Slower | 17 |
| Textile, apparel, leather & footwear | 45.8 | 52.5 | 6.7 | Growing | From Contraction | 1 |
| Transportation equipment | 72.5 | 60.8 | -11.7 | Growing | Slower | 12 |

\1 The composite PMI is a weighted average of the following diffusion indices: production level, new orders, supplier deliveries, employment level and inventories. The weights assigned to these variables are 25%, 30%, 15%, 10% and 20% respectively.

*The series index is a diffusion index defined as a weighted percentage of high, same and low with 1.0, 0.5 and 0.0 as weights respectively.

** Number of month moving in current direction

Table 2: Details of Production PMI

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---------------------------------------|-----------------|----------------|------------|-----------|------------------|----------------|
| PRODUCTION PMI | 58.9 | 58.7 | -0.2 | Growing | Slower | 30 |
| Cement | 71.4 | 100.0 | 28.6 | Growing | Faster | 6 |
| Chemical & pharmaceutical products | 64.5 | 60.5 | -4.0 | Growing | Slower | 19 |
| Electrical equipment | 60.0 | 50.0 | -10.0 | No Change | From Expansion | 1 |
| Fabricated metal products | 53.9 | 63.2 | 9.3 | Growing | Faster | 6 |
| Food, beverage & tobacco products | 61.4 | 65.0 | 3.6 | Growing | Faster | 35 |
| Furniture & related products | 58.6 | 53.8 | -4.8 | Growing | Slower | 15 |
| Nonmetallic mineral products | 59.5 | 53.1 | -6.4 | Growing | Slower | 2 |
| Paper products | 65.0 | 44.4 | -20.6 | Declining | From Expansion | 1 |
| Petroleum & coal products | 100.0 | 75.0 | -25.0 | Growing | Slower | 5 |
| Plastics & rubber products | 58.3 | 47.9 | -10.4 | Declining | From Expansion | 1 |
| Primary metal | 46.2 | 40.0 | -6.2 | Declining | Faster | 2 |
| Printing & related support activities | 62.0 | 58.3 | -3.7 | Growing | Slower | 3 |
| Textile, apparel, leather & footwear | 42.0 | 50.0 | 8.0 | No Change | From Contraction | 1 |
| Transportation equipment | 75.0 | 50.0 | -25.0 | No Change | From Expansion | 1 |

Table 3: Details of New Orders PMI

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---------------------------------------|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| NEW ORDERS PMI | 57.2 | 57.1 | -0.1 | Growing | Slower | 29 |
| Cement | 57.1 | 75.0 | 17.9 | Growing | Faster | 2 |
| Chemical & pharmaceutical products | 59.7 | 54.8 | -4.9 | Growing | Slower | 18 |
| Electrical equipment | 60.0 | 50.0 | -10.0 | No Change | From Expansion | 1 |
| Fabricated metal products | 63.2 | 55.9 | -7.3 | Growing | Slower | 3 |
| Food, beverage & tobacco products | 55.8 | 60.4 | 4.6 | Growing | Faster | 35 |
| Furniture & related products | 62.1 | 65.4 | 3.3 | Growing | Faster | 3 |
| Nonmetallic mineral products | 69.0 | 53.1 | -15.9 | Growing | Slower | 2 |
| Paper products | 45.0 | 31.3 | -13.7 | Declining | Faster | 2 |
| Petroleum & coal products | 50.0 | 50.0 | 0.0 | No Change | Flat | 2 |
| Plastics & rubber products | 52.1 | 56.3 | 4.2 | Growing | Faster | 2 |
| Primary metal | 53.8 | 50.0 | -3.8 | No Change | From Expansion | 1 |
| Printing & related support activities | 64.0 | 58.3 | -5.7 | Growing | Slower | 3 |
| Textile, apparel, leather & footwear | 38.0 | 50.0 | 12.0 | No Change | From Contraction | 1 |
| Transportation equipment | 75.0 | 66.7 | -8.3 | Growing | Slower | 7 |

Table 4: Details of Supplier Delivery Time PMI

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---------------------------------------|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| SUPPLIER DELIVERY TIME PMI | 57.5 | 58.3 | 0.8 | Growing | Faster | 27 |
| Cement | 57.1 | 37.5 | -19.6 | Declining | From Expansion | 1 |
| Chemical & pharmaceutical products | 55.0 | 65.1 | 10.1 | Growing | Faster | 2 |
| Electrical equipment | 40.0 | 50.0 | 10.0 | No Change | From Contraction | 1 |
| Fabricated metal products | 47.4 | 55.9 | 8.5 | Growing | From Contraction | 1 |
| Food, beverage & tobacco products | 58.2 | 61.4 | 3.2 | Growing | Faster | 14 |
| Furniture & related products | 60.3 | 55.8 | -4.5 | Growing | Slower | 9 |
| Nonmetallic mineral products | 59.5 | 59.4 | -0.1 | Growing | Slower | 16 |
| Paper products | 65.0 | 55.6 | -9.4 | Growing | Slower | 2 |
| Petroleum & coal products | 50.0 | 75.0 | 25.0 | Growing | From No Change | 1 |
| Plastics & rubber products | 60.4 | 50.0 | -10.4 | No Change | From Expansion | 1 |
| Primary metal | 69.2 | 65.0 | -4.2 | Growing | Slower | 9 |
| Printing & related support activities | 56.0 | 58.3 | 2.3 | Growing | Faster | 2 |
| Textile, apparel, leather & footwear | 66.0 | 47.9 | -18.1 | Declining | From Expansion | 1 |
| Transportation equipment | 25.0 | 66.7 | 41.7 | Growing | From Contraction | 1 |

Table 5: Details of Employment Level PMI

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---------------------------------------|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| EMPLOYMENT LEVEL PMI | 57.3 | 57.1 | -0.2 | Growing | Slower | 28 |
| Cement | 57.1 | 75.0 | 17.9 | Growing | Faster | 3 |
| Chemical & pharmaceutical products | 48.4 | 59.3 | 10.9 | Growing | From Contraction | 1 |
| Electrical equipment | 60.0 | 70.0 | 10.0 | Growing | Faster | 9 |
| Fabricated metal products | 63.2 | 58.8 | -4.4 | Growing | Slower | 4 |
| Food, beverage & tobacco products | 60.4 | 59.1 | -1.3 | Growing | Slower | 16 |
| Furniture & related products | 60.3 | 55.8 | -4.5 | Growing | Slower | 2 |
| Nonmetallic mineral products | 42.9 | 59.4 | 16.5 | Growing | From Contraction | 1 |
| Paper products | 70.0 | 38.9 | -31.1 | Declining | From Expansion | 1 |
| Petroleum & coal products | 75.0 | 50.0 | -25.0 | No Change | From Expansion | 1 |
| Plastics & rubber products | 58.3 | 47.9 | -10.4 | Declining | From Expansion | 1 |
| Primary metal | 69.2 | 55.0 | -14.2 | Growing | Slower | 2 |
| Printing & related support activities | 50.0 | 58.3 | 8.3 | Growing | From No Change | 1 |
| Textile, apparel, leather & footwear | 48.0 | 56.0 | 8.0 | Growing | From Contraction | 1 |
| Transportation equipment | 87.5 | 50.0 | -37.5 | No Change | From Expansion | 1 |

Table 6: Details of Raw Materials Inventory PMI

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---------------------------------------|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| RAW MATERIALS INVENTORY PMI | 56.2 | 58.7 | 2.5 | Growing | Faster | 29 |
| Cement | 64.3 | 62.5 | -1.8 | Growing | Slower | 2 |
| Chemical & pharmaceutical products | 51.6 | 52.3 | 0.7 | Growing | Faster | 5 |
| Electrical equipment | 50.0 | 50.0 | 0.0 | No Change | Flat | 2 |
| Fabricated metal products | 57.9 | 50.0 | -7.9 | No Change | From Expansion | 1 |
| Food, beverage & tobacco products | 59.0 | 62.8 | 3.8 | Growing | Faster | 35 |
| Furniture & related products | 37.9 | 55.8 | 17.9 | Growing | From Contraction | 1 |
| Nonmetallic mineral products | 47.6 | 62.5 | 14.9 | Growing | From Contraction | 1 |
| Paper products | 60.0 | 61.1 | 1.1 | Growing | Faster | 3 |
| Petroleum & coal products | 100.0 | 75.0 | -25.0 | Growing | Slower | 3 |
| Plastics & rubber products | 64.6 | 50.0 | -14.6 | No Change | From Expansion | 1 |
| Primary metal | 53.8 | 50.0 | -3.8 | No Change | From Expansion | 1 |
| Printing & related support activities | 68.0 | 60.4 | -7.6 | Growing | Slower | 4 |
| Textile, apparel, leather & footwear | 44.0 | 66.0 | 22.0 | Growing | From Contraction | 1 |
| Transportation equipment | 100.0 | 83.3 | -16.7 | Growing | Slower | 5 |

Table 7: Non-Manufacturing at a Glance

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| Composite PMI \1 | 58.7 | 58.8 | 0.1 | Growing | Faster | 28 |
| Business Activity | 57.6 | 58.2 | 0.6 | Growing | Faster | 29 |
| Level of new orders/customers/incoming business | 60.1 | 59.6 | -0.5 | Growing | Slower | 29 |
| Employment Level | 58.0 | 57.8 | -0.2 | Growing | Slower | 28 |
| Inventories | 58.9 | 59.8 | 0.9 | Growing | Faster | 28 |
| Average price of Inputs (volume weighted) | 51.7 | 51.2 | -0.5 | Growing | Slower | 46 |
| Level of outstanding business/ Backlog of work | 41.4 | 45.1 | 3.7 | Declining | Slower | 62 |
| New Exports orders | 42.0 | 44.1 | 2.1 | Declining | Slower | 62 |
| Imports | 43.9 | 45.2 | 1.3 | Declining | Slower | 62 |
| Inventory (sentiments) | 46.6 | 48.1 | 1.5 | Declining | Slower | 62 |
| Non-manufacturing sub-sectors | | | | | | |
| Accommodation & food services | 58.7 | 58.8 | 0.1 | Growing | Faster | 14 |
| Agriculture | 59.3 | 56.5 | -2.8 | Growing | Slower | 39 |
| Arts, Entertainment & Recreation | 62.5 | 60.0 | -2.5 | Growing | Slower | 5 |
| Construction | 59.7 | 56.9 | -2.8 | Growing | Slower | 11 |
| Educational services | 54.4 | 55.9 | 1.5 | Growing | Faster | 14 |
| Electricity, gas, steam & air conditioning supply | 55.3 | 60.2 | 4.9 | Growing | Faster | 10 |
| Finance & insurance | 61.5 | 57.8 | -3.7 | Growing | Slower | 30 |
| Health care & social assistance | 59.3 | 57.8 | -1.5 | Growing | Slower | 28 |
| Information & communication | 58.9 | 63.4 | 4.5 | Growing | Faster | 29 |
| Management of companies | 70.8 | 41.7 | -29.1 | Declining | From Expansion | 1 |
| Professional, scientific, & technical services | 55.1 | 57.6 | 2.5 | Growing | Faster | 10 |
| Real estate rental & leasing | 59.4 | 59.4 | 0.0 | Growing | Flat | 18 |
| Repair, Maintenance/Washing Of Motor Vehicles... | 60.4 | 70.5 | 10.1 | Growing | Faster | 15 |
| Transportation & warehousing | 56.1 | 70.4 | 14.3 | Growing | Faster | 3 |
| Utilities | 53.1 | 45.0 | -8.1 | Declining | From Expansion | 1 |
| Water supply, sewage & waste management | 56.8 | 46.3 | -10.5 | Declining | From Expansion | 1 |
| Wholesale/Retail trade | 58.0 | 61.1 | 3.1 | Growing | Faster | 27 |

\1 The composite PMI is a simple average of the following diffusion (series) indices: business activity, new orders, employment level and inventories

Table 8: Business activity at a Glance

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---|-----------------------|----------------------|------------|-----------|----------------------|-------------------|
| BUSINESS ACTIVITY PMI | 57.6 | 58.2 | 0.6 | Growing | Faster | 29 |
| Accommodation & food services | 57.7 | 61.8 | 4.1 | Growing | Faster | 14 |
| Agriculture | 54.4 | 59.7 | 5.3 | Growing | Faster | 2 |
| Arts, Entertainment & Recreation | 70.0 | 60.0 | -10.0 | Growing | Slower | 4 |
| Construction | 54.4 | 64.5 | 10.1 | Growing | Faster | 10 |
| Educational services | 53.3 | 54.7 | 1.4 | Growing | Faster | 24 |
| Electricity, gas, steam & air conditioning supply | 59.4 | 65.6 | 6.2 | Growing | Faster | 4 |
| Finance & insurance | 59.8 | 54.2 | -5.6 | Growing | Slower | 29 |
| Health care & social assistance | 55.4 | 53.6 | -1.8 | Growing | Slower | 11 |
| Information & communication | 54.8 | 62.5 | 7.7 | Growing | Faster | 4 |
| Management of companies | 66.7 | 66.7 | 0.0 | Growing | Flat | 5 |
| Professional, scientific, & technical services | 54.0 | 50.0 | -4.0 | No Change | From Expansion | 1 |
| Real estate rental & leasing | 63.6 | 53.8 | -9.8 | Growing | Slower | 16 |
| Repair, Maintenance/Washing Of Motor Vehicles. | 69.2 | 75.0 | 5.8 | Growing | Faster | 11 |
| Transportation & warehousing | 61.8 | 73.7 | 11.9 | Growing | Faster | 3 |
| Utilities | 50.0 | 50.0 | 0.0 | No Change | Flat | 3 |
| Water supply, sewage & waste management | 54.5 | 35.0 | -19.5 | Declining | From Expansion | 1 |
| Wholesale/Retail trade | 58.1 | 58.4 | 0.3 | Growing | Faster | 14 |

Table 9: New Orders at a Glance

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---|-----------------|----------------|------------|-----------|----------------|----------------|
| NEW ORDERS PMI | 60.1 | 59.6 | -0.5 | Growing | Slower | 29 |
| Accommodation & food services | 59.6 | 59.6 | 0.0 | Growing | Flat | 14 |
| Agriculture | 54.4 | 53.2 | -1.2 | Growing | Slower | 6 |
| Arts, Entertainment & Recreation | 60.0 | 70.0 | 10.0 | Growing | Faster | 4 |
| Construction | 63.2 | 53.2 | -10.0 | Growing | Slower | 10 |
| Educational services | 57.6 | 56.7 | -0.9 | Growing | Slower | 14 |
| Electricity, gas, steam & air conditioning supply | 62.5 | 65.6 | 3.1 | Growing | Faster | 5 |
| Finance & insurance | 65.6 | 60.0 | -5.6 | Growing | Slower | 30 |
| Health care & social assistance | 61.6 | 56.3 | -5.3 | Growing | Slower | 11 |
| Information & communication | 62.9 | 60.7 | -2.2 | Growing | Slower | 29 |
| Management of companies | 83.3 | 33.3 | -50.0 | Declining | From Expansion | 1 |
| Professional, scientific, & technical services | 52.1 | 50.0 | -2.1 | No Change | From Expansion | 1 |
| Real estate rental & leasing | 52.3 | 63.8 | 11.5 | Growing | Faster | 10 |
| Repair, Maintenance/Washing Of Motor Vehicles.. | 65.4 | 75.0 | 9.6 | Growing | Faster | 11 |
| Transportation & warehousing | 62.5 | 81.6 | 19.1 | Growing | Faster | 5 |
| Utilities | 62.5 | 40.0 | -22.5 | Declining | From Expansion | 1 |
| Water supply, sewage & waste management | 54.5 | 55.0 | 0.5 | Growing | Faster | 6 |
| Wholesale/Retail trade | 60.0 | 62.8 | 2.8 | Growing | Faster | 27 |

Table 10: Employment at a Glance

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---|-----------------|----------------|------------|-----------|------------------|----------------|
| EMPLOYMENT LEVEL PMI | 58.0 | 57.8 | -0.2 | Growing | Slower | 28 |
| Accommodation & food services | 56.0 | 55.5 | -0.5 | Growing | Slower | 12 |
| Agriculture | 60.3 | 56.5 | -3.8 | Growing | Slower | 28 |
| Arts, Entertainment & Recreation | 50.0 | 40.0 | -10.0 | Declining | From No Change | 1 |
| Construction | 57.4 | 51.6 | -5.8 | Growing | Slower | 11 |
| Educational services | 54.3 | 53.3 | -1.0 | Growing | Slower | 14 |
| Electricity, gas, steam & air conditioning supply | 59.4 | 68.8 | 9.4 | Growing | Faster | 6 |
| Finance & insurance | 62.2 | 58.4 | -3.8 | Growing | Slower | 27 |
| Health care & social assistance | 60.1 | 57.0 | -3.1 | Growing | Slower | 27 |
| Information & communication | 58.3 | 66.1 | 7.8 | Growing | Faster | 11 |
| Management of companies | 66.7 | 33.3 | -33.4 | Declining | From Expansion | 1 |
| Professional, scientific, & technical services | 56.3 | 60.9 | 4.6 | Growing | Faster | 2 |
| Real estate rental & leasing | 59.1 | 61.3 | 2.2 | Growing | Faster | 15 |
| Repair, Maintenance/Washing Of Motor Vehicles.. | 65.4 | 64.3 | -1.1 | Growing | Slower | 4 |
| Transportation & warehousing | 40.6 | 60.5 | 19.9 | Growing | From Contraction | 1 |
| Utilities | 37.5 | 50.0 | 12.5 | No Change | From Contraction | 1 |
| Water supply, sewage & waste management | 63.6 | 50.0 | -13.6 | No Change | From Expansion | 1 |
| Wholesale/Retail trade | 58.8 | 61.0 | 2.2 | Growing | Faster | 15 |

Table 11: Inventory at a Glance

| Index | July 2019 Index | Aug 2019 Index | Difference | Direction | Rate of Change | Trend (Months) |
|---|-----------------|----------------|------------|-----------|------------------|----------------|
| INVENTORY PMI | 58.9 | 59.8 | 0.9 | Growing | Faster | 28 |
| Accommodation & food services | 61.7 | 58.5 | -3.2 | Growing | Slower | 14 |
| Agriculture | 68.2 | 56.5 | -11.7 | Growing | Slower | 11 |
| Arts, Entertainment & Recreation | 70.0 | 70.0 | 0.0 | Growing | Flat | 5 |
| Construction | 63.6 | 58.1 | -5.5 | Growing | Slower | 14 |
| Educational services | 52.3 | 58.9 | 6.6 | Growing | Faster | 6 |
| Electricity, gas, steam & air conditioning supply | 40.0 | 40.6 | 0.6 | Declining | Slower | 2 |
| Finance & insurance | 58.4 | 58.4 | 0.0 | Growing | Flat | 19 |
| Health care & social assistance | 59.9 | 64.1 | 4.2 | Growing | Faster | 28 |
| Information & communication | 59.6 | 64.3 | 4.7 | Growing | Faster | 16 |
| Management of companies | 66.7 | 33.3 | -33.4 | Declining | From Expansion | 1 |
| Professional, scientific, & technical services | 58.0 | 69.6 | 11.6 | Growing | Faster | 3 |
| Real estate rental & leasing | 62.5 | 58.8 | -3.7 | Growing | Slower | 18 |
| Repair, Maintenance/Washing Of Motor Vehicles | 41.7 | 67.9 | 26.2 | Growing | From Contraction | 1 |
| Transportation & warehousing | 59.4 | 65.8 | 6.4 | Growing | Faster | 3 |
| Utilities | 62.5 | 40.0 | -22.5 | Declining | From Expansion | 1 |
| Water supply, sewage & waste management | 54.5 | 45.0 | -9.5 | Declining | From Expansion | 1 |
| Wholesale/Retail trade | 55.1 | 62.1 | 7.0 | Growing | Faster | 25 |

Table 12: Manufacturing PMI Data Series

| Month | COMPOSITE PMI | Production Level | New Orders | Supplier Delivery Time | Employment Level | Raw Materials Inventory | New Export Orders | Output Prices | Input Prices | Quantity of Purchases | Backlog of Work | Stock of Finished Goods |
|----------|---------------|------------------|------------|------------------------|------------------|-------------------------|-------------------|---------------|--------------|-----------------------|-----------------|-------------------------|
| Jul '14 | 51.3 | 55.2 | 53.0 | 46.4 | 46.9 | 52.9 | 43.6 | 50.6 | 54.2 | 53.3 | 46.4 | 47.2 |
| Aug '14 | 49.7 | 49.7 | 51.2 | 49.9 | 45.9 | 52.2 | 40.8 | 48.6 | 52.7 | 50.8 | 45.4 | 48.6 |
| Sep '14 | 54.0 | 57.4 | 57.6 | 46.4 | 49.3 | 55.7 | 45.4 | 49.3 | 52.9 | 55.1 | 46.9 | 49.8 |
| Oct '14 | 51.9 | 55.1 | 55.3 | 46.2 | 46.8 | 52.4 | 45.9 | 49.7 | 56.7 | 57.1 | 50.5 | 51.7 |
| Nov '14 | 52.2 | 55.1 | 56.9 | 45.1 | 47.2 | 51.7 | 46.0 | 53.3 | 60.9 | 56.0 | 50.0 | 47.6 |
| Dec '14 | 49.8 | 51.2 | 51.1 | 49.7 | 46.8 | 48.4 | 44.6 | 53.6 | 56.3 | 51.4 | 47.5 | 51.1 |
| Jan '15 | 50.2 | 50.4 | 49.3 | 51.3 | 51.1 | 49.3 | 47.7 | 48.7 | 55.6 | 52.5 | 48.8 | 45.5 |
| Feb '15 | 53.0 | 57.4 | 54.7 | 43.8 | 50.0 | 56.4 | 50.1 | 54.0 | 60.9 | 58.0 | 50.7 | 53.7 |
| Mar '15 | 48.9 | 52.1 | 48.9 | 47.8 | 46.4 | 47.1 | 38.1 | 50.1 | 56.4 | 48.7 | 44.5 | 46.5 |
| Apr '15 | 52.0 | 56.9 | 54.1 | 42.7 | 48.9 | 53.9 | 43.0 | 50.2 | 54.4 | 53.0 | 48.3 | 48.7 |
| May '15 | 49.4 | 53.6 | 49.7 | 44.6 | 48.0 | 48.0 | 36.9 | 51.6 | 59.0 | 50.5 | 44.9 | 45.6 |
| Jun '15 | 49.5 | 51.5 | 50.8 | 42.0 | 48.5 | 53.3 | 40.0 | 49.2 | 56.7 | 53.0 | 45.3 | 49.3 |
| Jul '15 | 47.8 | 49.7 | 46.2 | 43.5 | 48.4 | 52.6 | 40.1 | 47.9 | 55.0 | 51.7 | 45.2 | 45.3 |
| Aug '15 | 48.4 | 51.0 | 50.1 | 43.1 | 44.8 | 52.4 | 37.6 | 49.0 | 53.1 | 50.2 | 43.7 | 46.1 |
| Sep '15 | 50.7 | 54.9 | 52.1 | 46.8 | 47.1 | 49.0 | 40.3 | 47.5 | 52.8 | 51.0 | 42.5 | 43.2 |
| Oct '15 | 49.2 | 52.0 | 49.3 | 42.7 | 48.4 | 53.1 | 39.8 | 49.1 | 53.8 | 48.3 | 45.6 | 46.8 |
| Nov '15 | 51.2 | 55.4 | 52.9 | 47.3 | 45.5 | 52.2 | 38.7 | 46.2 | 52.8 | 51.0 | 46.0 | 46.9 |
| Dec '15 | 51.2 | 55.4 | 52.7 | 45.2 | 47.5 | 52.7 | 38.0 | 48.6 | 56.5 | 54.5 | 45.1 | 46.4 |
| Jan '16 | 47.2 | 49.3 | 46.2 | 48.4 | 46.0 | 45.8 | 38.3 | 52.6 | 56.7 | 49.9 | 44.2 | 46.3 |
| Feb '16 | 45.5 | 45.0 | 43.0 | 52.8 | 45.0 | 44.7 | 39.2 | 53.0 | 57.0 | 42.8 | 38.5 | 44.4 |
| Mar '16 | 45.9 | 46.6 | 43.0 | 50.6 | 45.5 | 47.1 | 37.8 | 56.4 | 60.9 | 41.6 | 41.2 | 43.8 |
| Apr '16 | 43.7 | 42.7 | 41.8 | 52.2 | 42.0 | 43.0 | 36.3 | 63.9 | 67.8 | 43.6 | 42.6 | 41.6 |
| May '16 | 45.8 | 47.9 | 42.7 | 50.2 | 45.7 | 43.9 | 38.7 | 59.6 | 68.4 | 42.7 | 37.0 | 40.1 |
| Jun '16 | 41.9 | 40.2 | 37.0 | 55.6 | 42.2 | 39.4 | 35.3 | 61.4 | 70.0 | 39.0 | 40.2 | 36.0 |
| Jul '16 | 44.1 | 43.0 | 42.4 | 51.7 | 43.8 | 41.4 | 38.5 | 60.8 | 64.2 | 41.6 | 41.9 | 39.0 |
| Aug '16 | 42.1 | 40.5 | 37.5 | 57.4 | 40.4 | 40.0 | 31.2 | 64.1 | 69.8 | 39.9 | 38.3 | 38.3 |
| Sep '16 | 42.5 | 40.9 | 38.7 | 55.6 | 41.2 | 40.9 | 26.3 | 66.5 | 74.0 | 42.8 | 37.1 | 42.4 |
| Oct '16 | 44.1 | 42.3 | 40.3 | 57.7 | 42.2 | 42.9 | 37.3 | 65.2 | 71.8 | 43.5 | 39.2 | 39.9 |
| Nov '16 | 46.0 | 46.9 | 45.1 | 53.2 | 40.6 | 46.1 | 39.6 | 65.7 | 71.2 | 48.1 | 45.2 | 42.0 |
| Dec '16 | 52.0 | 57.6 | 51.8 | 47.9 | 48.6 | 51.6 | 37.2 | 70.4 | 73.2 | 52.7 | 45.3 | 48.5 |
| Jan '17 | 48.2 | 51.3 | 47.9 | 48.5 | 45.3 | 46.3 | 33.1 | 67.9 | 71.4 | 48.4 | 43.6 | 46.9 |
| Feb '17 | 44.6 | 45.2 | 44.0 | 48.7 | 41.7 | 44.8 | 38.4 | 69.9 | 70.9 | 47.7 | 43.2 | 43.9 |
| Mar '17 | 47.7 | 50.8 | 45.6 | 51.3 | 43.6 | 49.1 | 38.5 | 65.0 | 68.3 | 50.1 | 43.6 | 45.1 |
| Apr '17 | 51.1 | 58.5 | 50.1 | 47.5 | 46.6 | 50.6 | 37.7 | 65.1 | 69.2 | 45.1 | 40.0 | 46.4 |
| May '17 | 52.5 | 58.7 | 50.5 | 49.9 | 50.7 | 50.8 | 37.6 | 61.3 | 68.4 | 46.1 | 42.3 | 51.8 |
| June '17 | 52.9 | 58.2 | 51.0 | 50.3 | 51.1 | 52.3 | 32.6 | 62.7 | 66.6 | 46.2 | 43.9 | 49.1 |
| July '17 | 54.1 | 59.3 | 52.7 | 51.3 | 51.8 | 53.6 | 37.5 | 60.4 | 64.1 | 48.0 | 42.1 | 48.5 |
| Aug '17 | 53.6 | 57.4 | 52.3 | 52.0 | 51.5 | 54.9 | 36.7 | 58.8 | 64.9 | 49.0 | 47.9 | 51.6 |
| Sep '17 | 55.3 | 58.8 | 53.5 | 55.4 | 52.8 | 56.4 | 30.4 | 58.2 | 65.7 | 49.4 | 51.9 | 50.4 |
| Oct '17 | 55.0 | 58.4 | 52.8 | 55.5 | 53.1 | 56.5 | 35.5 | 55.4 | 62.7 | 49.6 | 50.8 | 50.0 |
| Nov '17 | 55.9 | 59.3 | 54.3 | 56.0 | 53.7 | 57.1 | 37.6 | 54.0 | 64.3 | 48.1 | 50.0 | 48.8 |
| Dec '17 | 59.3 | 63.2 | 60.0 | 57.4 | 53.9 | 61.1 | 40.2 | 54.3 | 63.4 | 53.6 | 45.7 | 47.4 |
| Jan '18 | 57.3 | 59.6 | 58.3 | 56.8 | 53.3 | 57.7 | 35.1 | 55.0 | 63.3 | 49.1 | 42.9 | 45.4 |
| Feb '18 | 56.3 | 57.8 | 55.6 | 57.0 | 53.9 | 58.1 | 42.0 | 55.9 | 65.4 | 54.3 | 37.6 | 53.3 |
| Mar '18 | 56.7 | 59.1 | 56.1 | 56.6 | 53.3 | 59.4 | 36.4 | 52.1 | 61.1 | 54.1 | 42.1 | 48.7 |
| Apr '18 | 56.9 | 58.6 | 55.8 | 57.4 | 55.0 | 59.5 | 37.6 | 51.3 | 62.4 | 52.9 | 41.4 | 51.1 |
| May '18 | 56.5 | 58.8 | 54.9 | 57.5 | 55.2 | 58.1 | 40.1 | 53.9 | 61.8 | 50.8 | 38.5 | 55.8 |
| June '18 | 57.0 | 59.2 | 56.2 | 56.5 | 55.4 | 57.7 | 37.6 | 53.8 | 61.9 | 47.6 | 38.0 | 51.1 |
| July '18 | 56.8 | 59.0 | 55.8 | 56.8 | 55.0 | 57.4 | 39.4 | 52.3 | 60.7 | 51.1 | 40.7 | 51.3 |
| Aug '18 | 57.1 | 59.3 | 56.9 | 55.9 | 55.5 | 57.1 | 39.7 | 50.1 | 59.3 | 50.1 | 43.1 | 50.7 |
| Sep '18 | 56.2 | 58.4 | 55.3 | 56.1 | 54.9 | 55.9 | 37.1 | 52.4 | 57.5 | 49.4 | 42.2 | 50.5 |
| Oct '18 | 56.8 | 58.9 | 56.8 | 56.4 | 54.8 | 56.2 | 39.9 | 51.2 | 56.7 | 50.9 | 39.6 | 51.5 |
| Nov '18 | 57.9 | 59.9 | 58.1 | 56.9 | 55.4 | 58.7 | 41.2 | 51.9 | 57.8 | 52.2 | 40.0 | 53.8 |
| Dec '18 | 61.1 | 63.6 | 62.3 | 58.4 | 57.0 | 63.2 | 42.1 | 51.6 | 61.3 | 56.1 | 41.7 | 50.6 |
| Jan '19 | 58.5 | 59.3 | 58.9 | 58.3 | 56.4 | 59.9 | 41.4 | 52.5 | 62.2 | 52.5 | 42.1 | 52.3 |
| Feb '19 | 57.1 | 57.5 | 56.9 | 58.2 | 56.3 | 56.2 | 39.7 | 53.7 | 60.9 | 52.1 | 44.1 | 55.4 |
| Mar '19 | 57.4 | 58.3 | 56.7 | 58.4 | 56.9 | 57.1 | 47.9 | 62.3 | 57.6 | 51.8 | 47.6 | 60.7 |
| Apr '19 | 57.7 | 58.8 | 57.2 | 58.1 | 57.0 | 57.5 | 37.4 | 52.4 | 60.2 | 57.3 | 44.5 | 54.4 |
| May '19 | 57.8 | 59.1 | 56.9 | 58.4 | 57.3 | 56.8 | 37.7 | 52.3 | 62.2 | 51.5 | 40.8 | 51.5 |
| June '19 | 57.4 | 59.3 | 55.9 | 58.7 | 57.5 | 55.0 | 38.0 | 52.4 | 62.7 | 52.1 | 43.8 | 51.1 |
| July '19 | 57.6 | 58.9 | 57.2 | 57.5 | 57.3 | 56.2 | 41.1 | 52.2 | 59.5 | 52.5 | 41.8 | 51.5 |
| Aug '19 | 57.9 | 58.7 | 57.1 | 58.3 | 57.1 | 58.7 | 39.9 | 50.3 | 57.0 | 51.2 | 42.4 | 52.1 |

Table 13: Non-Manufacturing PMI Data Series

| Month | COMPOSITE PMI | Business Activity | New orders | Employment Level | Inventory | Average Input Price | Backlog of Work | New Exports Orders | Imports | Inventories (sentiment) |
|----------|---------------|-------------------|------------|------------------|-----------|---------------------|-----------------|--------------------|---------|-------------------------|
| Jul '14 | 55.0 | 58.9 | 55.9 | 50.2 | 55.2 | 54.0 | 46.2 | 44.0 | 47.3 | 47.8 |
| Aug '14 | 58.9 | 60.6 | 59.8 | 58.3 | 57.0 | 56.1 | 47.0 | 46.1 | 46.4 | 48.1 |
| Sep '14 | 54.7 | 57.1 | 57.5 | 49.9 | 54.3 | 52.8 | 46.2 | 40.7 | 45.2 | 47.6 |
| Oct '14 | 57.3 | 59.6 | 59.4 | 53.9 | 56.4 | 53.3 | 46.4 | 40.8 | 44.9 | 43.8 |
| Nov '14 | 59.6 | 62.5 | 63.6 | 57.9 | 54.6 | 57.3 | 49.6 | 45.2 | 47.5 | 48.1 |
| Dec '14 | 53.8 | 56.2 | 56.0 | 51.4 | 51.5 | 54.5 | 45.6 | 43.6 | 46.5 | 43.8 |
| Jan '15 | 50.6 | 48.8 | 50.4 | 51.2 | 51.9 | 48.8 | 43.2 | 41.1 | 44.3 | 47.0 |
| Feb '15 | 54.0 | 54.2 | 54.7 | 52.5 | 54.5 | 54.1 | 46.0 | 43.0 | 44.6 | 46.1 |
| Mar '15 | 48.6 | 49.7 | 51.1 | 45.6 | 48.0 | 49.8 | 46.5 | 39.9 | 44.2 | 40.2 |
| Apr '15 | 53.7 | 58.2 | 56.8 | 49.1 | 50.8 | 51.5 | 46.6 | 41.1 | 44.5 | 43.0 |
| May '15 | 51.7 | 52.9 | 53.1 | 49.7 | 51.1 | 51.3 | 44.1 | 37.2 | 39.1 | 44.3 |
| Jun '15 | 50.1 | 51.5 | 50.3 | 46.4 | 52.0 | 48.5 | 44.4 | 36.9 | 40.4 | 42.7 |
| Jul '15 | 50.0 | 50.4 | 51.4 | 48.6 | 49.5 | 50.3 | 43.8 | 39.1 | 39.2 | 44.0 |
| Aug '15 | 50.7 | 52.3 | 52.4 | 48.0 | 50.1 | 50.7 | 43.0 | 39.8 | 38.3 | 44.0 |
| Sep '15 | 50.1 | 52.1 | 52.3 | 47.0 | 49.1 | 48.7 | 44.5 | 42.9 | 41.4 | 45.9 |
| Oct '15 | 51.9 | 54.2 | 54.1 | 49.3 | 50.1 | 49.9 | 43.9 | 40.3 | 42.4 | 45.2 |
| Nov '15 | 49.6 | 52.9 | 51.6 | 45.6 | 48.5 | 51.8 | 42.8 | 37.7 | 39.0 | 41.8 |
| Dec '15 | 53.4 | 55.9 | 56.4 | 50.0 | 51.5 | 54.7 | 47.0 | 41.9 | 42.7 | 47.2 |
| Jan '16 | 46.9 | 46.2 | 46.4 | 47.0 | 47.9 | 57.3 | 44.3 | 36.2 | 39.0 | 41.6 |
| Feb '16 | 44.3 | 43.7 | 42.0 | 44.5 | 47.1 | 53.6 | 39.6 | 37.5 | 36.6 | 43.6 |
| Mar '16 | 45.4 | 46.3 | 44.7 | 43.9 | 46.5 | 58.5 | 43.8 | 34.3 | 35.0 | 41.1 |
| Apr '16 | 44.3 | 44.2 | 42.2 | 43.3 | 47.6 | 62.2 | 43.1 | 31.8 | 33.1 | 39.8 |
| May '16 | 44.3 | 44.3 | 41.3 | 44.6 | 46.9 | 62.9 | 38.1 | 33.2 | 35.0 | 40.3 |
| Jun '16 | 42.3 | 40.2 | 39.6 | 42.5 | 47.1 | 60.7 | 39.6 | 33.2 | 34.7 | 38.5 |
| Jul '16 | 43.2 | 42.8 | 42.3 | 41.9 | 45.8 | 60.4 | 38.6 | 30.0 | 32.7 | 38.0 |
| Aug '16 | 43.7 | 43.6 | 42.0 | 41.4 | 47.7 | 60.8 | 39.4 | 32.9 | 34.2 | 39.4 |
| Sep '16 | 41.0 | 39.9 | 40.0 | 40.3 | 43.9 | 63.1 | 39.6 | 28.6 | 30.2 | 37.9 |
| Oct '16 | 43.4 | 43.0 | 42.7 | 41.5 | 46.4 | 65.3 | 40.9 | 32.8 | 33.8 | 38.7 |
| Nov '16 | 42.8 | 43.0 | 42.3 | 40.2 | 45.5 | 66.8 | 42.4 | 30.8 | 34.0 | 41.1 |
| Dec '16 | 47.1 | 48.2 | 46.9 | 43.8 | 49.5 | 64.0 | 41.5 | 33.8 | 35.5 | 41.6 |
| Jan '17 | 49.4 | 50.6 | 49.4 | 45.6 | 52.0 | 65.6 | 43.6 | 32.5 | 36.1 | 45.5 |
| Feb '17 | 44.5 | 45.4 | 44.9 | 42.6 | 44.9 | 65.4 | 42.9 | 33.4 | 34.5 | 38.7 |
| Mar '17 | 47.1 | 49.8 | 46.4 | 44.0 | 48.0 | 62.1 | 42.7 | 33.1 | 34.5 | 40.6 |
| Apr '17 | 49.5 | 53.3 | 50.5 | 45.5 | 48.6 | 63.1 | 41.6 | 29.2 | 33.2 | 41.1 |
| May '17 | 52.7 | 56.2 | 53.2 | 50.2 | 51.4 | 62.7 | 45.3 | 31.6 | 34.1 | 43.6 |
| June '17 | 54.2 | 57.0 | 54.6 | 53.4 | 51.8 | 58.6 | 40.5 | 30.3 | 33.5 | 42.7 |
| July '17 | 54.4 | 56.8 | 55.1 | 54.0 | 51.9 | 58.1 | 42.9 | 32.0 | 36.8 | 41.5 |
| Aug '17 | 54.1 | 56.1 | 53.5 | 54.4 | 52.3 | 54.5 | 42.8 | 34.5 | 34.8 | 42.0 |
| Sep '17 | 54.9 | 56.8 | 55.4 | 54.7 | 52.9 | 56.9 | 42.2 | 31.2 | 35.9 | 44.2 |
| Oct '17 | 55.3 | 57.5 | 55.7 | 54.4 | 53.4 | 56.4 | 41.4 | 29.6 | 35.4 | 38.9 |
| Nov '17 | 57.6 | 59.4 | 58.4 | 54.6 | 58.0 | 55.7 | 43.6 | 28.8 | 33.3 | 40.6 |
| Dec '17 | 62.1 | 67.4 | 62.2 | 55.7 | 62.9 | 56.1 | 44.6 | 34.6 | 39.1 | 40.3 |
| Jan '18 | 58.5 | 61.3 | 58.2 | 55.1 | 59.5 | 56.9 | 41.3 | 31.0 | 35.1 | 42.8 |
| Feb '18 | 56.1 | 55.6 | 53.7 | 55.3 | 59.8 | 52.8 | 41.2 | 34.7 | 39.1 | 40.3 |
| Mar '18 | 57.2 | 58.7 | 55.8 | 55.1 | 59.2 | 50.3 | 42.9 | 39.0 | 38.5 | 44.1 |
| Apr '18 | 57.5 | 58.8 | 56.4 | 55.3 | 59.5 | 50.3 | 41.5 | 34.2 | 34.9 | 45.0 |
| May '18 | 57.3 | 58.7 | 55.9 | 55.6 | 59.2 | 50.8 | 40.6 | 36.4 | 38.4 | 46.2 |
| June '18 | 57.5 | 59.1 | 56.4 | 55.9 | 58.5 | 52.2 | 44.0 | 33.2 | 40.1 | 42.4 |
| July '18 | 57.7 | 59.6 | 56.1 | 56.2 | 59.1 | 52.1 | 43.1 | 42.1 | 40.5 | 45.0 |
| Aug '18 | 58.0 | 59.3 | 56.9 | 56.7 | 58.9 | 50.8 | 43.3 | 40.1 | 40.3 | 44.8 |
| Sep '18 | 56.5 | 58.1 | 55.8 | 55.4 | 56.8 | 50.2 | 41.5 | 40.3 | 41.3 | 45.7 |
| Oct '18 | 57.0 | 58.3 | 56.4 | 55.7 | 57.6 | 50.7 | 42.8 | 39.7 | 42.2 | 45.5 |
| Nov '18 | 58.4 | 60.4 | 57.5 | 56.2 | 59.6 | 52.6 | 42.0 | 38.7 | 39.4 | 45.9 |
| Dec '18 | 62.3 | 65.2 | 63.1 | 57.9 | 62.8 | 52.4 | 42.7 | 42.0 | 41.3 | 45.8 |
| Jan '19 | 60.1 | 61.7 | 60.2 | 57.7 | 60.6 | 52.2 | 40.1 | 38.1 | 40.4 | 45.5 |
| Feb '19 | 58.4 | 59.7 | 58.6 | 57.3 | 58.2 | 50.3 | 38.8 | 36.2 | 42.2 | 44.6 |
| Mar '19 | 58.5 | 57.8 | 58.9 | 57.8 | 59.5 | 50.5 | 40.3 | 39.4 | 38.7 | 44.2 |
| Apr '19 | 58.7 | 58.4 | 59.0 | 58.7 | 58.5 | 52.1 | 43.5 | 38.8 | 40.8 | 45.0 |
| May '19 | 58.9 | 59.2 | 58.6 | 58.5 | 59.3 | 51.3 | 42.3 | 39.8 | 43.2 | 44.5 |
| June '19 | 58.6 | 58.2 | 59.2 | 58.3 | 58.8 | 52.1 | 40.3 | 43.0 | 45.3 | 46.1 |
| July '19 | 58.7 | 57.6 | 60.1 | 58.0 | 58.9 | 51.7 | 41.4 | 42.0 | 43.9 | 46.6 |
| Aug '19 | 58.8 | 58.2 | 59.6 | 57.8 | 59.8 | 51.2 | 45.1 | 44.1 | 45.2 | 48.1 |