US Economic Indicators: Productivity Cycles

March 5, 2020

Dr. Edward Yardeni
516-972-7683
eyardeni@yardeni.com

Debbie Johnson
480-664-1333
djohnson@yardeni.com

Mali Quintana
480-664-1333
aquintana@yardeni.com

Please visit our sites at
www.yardeni.com
blog.yardeni.com
Figure 1.

PRODUCTIVITY: NONFARM BUSINESS
(20-quarter percent change, annual rate)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.

Figure 2.

PRODUCTIVITY: NONFINANCIAL CORPORATIONS
(20-quarter percent change, annual rate)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Figure 3.

PRODUCTIVITY: MANUFACTURING
(20-quarter percent change, annual rate)


Figure 4.

PRODUCTIVITY MEASURES
(20-quarter percent change, annual rate)

Productivity Cycle
- Nonfarm Business
- Manufacturing
- Nonfinancial Corporations

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Figure 5.

Productivity Cycles

PRODUCTIVITY: MANUFACTURING
(20-quarter percent change, annual rate)

Manufacturing Productivity

Manufacturing Productivity Proxy*
(60-month percent change, annual rate)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.

* Manufacturing industrial production divided by payroll employment in manufacturing.
Source: Bureau of Labor Statistics and Federal Reserve Board.

Figure 6.

PRODUCTIVITY MEASURES

Nonfarm Business Productivity
(20-quarter percent change, annual rate)

Manufacturing Productivity Proxy*
(60-month percent change, annual rate)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics and Federal Reserve Board.

* Manufacturing industrial production divided by payroll employment in manufacturing.
Figure 7.
NONFARM BUSINESS (NFB) PRODUCTIVITY & REAL HOURLY COMPENSATION
(20-quarter percent change, annual rate)


Figure 8.
NONFINANCIAL CORPORATE (NFC) PRODUCTIVITY & REAL HOURLY COMPENSATION
(20-quarter percent change, annual rate)

Figure 9.

MANUFACTURING CAPACITY
NONFARM BUSINESS PRODUCTIVITY*

Manufacturing Capacity (yearly percent change) (1.3)
Nonfarm Productivity* (1.3)

* 20-quarter percent change, annual rate
Note: C = China joined WTO on December 11, 2001. Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics and Federal Reserve Board.

Figure 10.

MANUFACTURING CAPACITY & PRODUCTIVITY PROXY

Manufacturing Capacity (yearly percent change) (1.3)
Manufacturing Productivity Proxy* (60-month percent change, annual rate) (-0.4)

* Manufacturing industrial production divided by payroll employment in manufacturing.
Note: C = China joined WTO on December 11, 2001. Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics and Federal Reserve Board.
**PRODUCTIVITY & PROFIT MARGIN**

Nonfarm Productivity (5-year percent change)

Corporate Profit After Tax* (as a percent of nominal GDP)

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* After-tax profits as reported to IRS excluding Inventory Valuation Adjustment (IVA) and Capital Consumption Adjustment (CCAdj), which restate the historical cost basis used in profits tax accounting for inventory withdrawals and depreciation to the current cost measures used in GDP. Source: Bureau of Labor Statistics and Bureau of Economic Analysis.

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**PRIVATE NONRESIDENTIAL FIXED INVESTMENT IN REAL GDP & NONFARM PRODUCTIVITY**

(20-quarter percent change divided by 5)

Private Nonresidential Fixed Investment in Real GDP

Productivity: Nonfarm Business

Source: Bureau of Economic Analysis.

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**Figure 13.**

PRIVATE NONRESIDENTIAL FIXED INVESTMENT IN REAL GDP:
INDUSTRIAL EQUIPMENT & MANUFACTURING PRODUCTIVITY PROXY

- Private Nonresidential Fixed Investment in Real GDP: Industrial Equipment (20-quarter percent change divided by 5)
- Manufacturing Productivity Proxy* (60-month percent change, annual rate)

Source: Bureau of Economic Analysis.

**Figure 14.**

CIVILIAN LABOR FORCE & REAL GDP GROWTH: 10-YEAR SPANS

- Real GDP (40-quarter percent change, annual rate) (2.5)
- Total Civilian Labor Force (120-month percent change, annual rate) (0.7)

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