US Economic Indicators: Productivity in Manufacturing

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Figure 1.

PRODUCTIVITY
(quarterly percent change, saar)

Source: Federal Reserve Board.

Figure 2.

US MANUFACTURING: PAYROLL EMPLOYMENT vs. HOURS WORKED

Payroll Employment: Manufacturing
(millions)

Hours of All Persons Worked: Manufacturing
(2012=100)

Source: Federal Reserve Board.
Figure 3.

US MANUFACTURING: INDUSTRIAL PRODUCTION vs. REAL OUTPUT

- Real Output in Manufacturing (2012=100)
- Industrial Production: Manufacturing (2012=100)

Source: Federal Reserve Board and Bureau Of Labor Statistics.

Figure 4.

US MANUFACTURING: INDUSTRIAL PRODUCTION vs. REAL OUTPUT

(yearly percent change)

- Real Output in Manufacturing (-1.1)
- Industrial Production: Manufacturing (-0.9)

Source: Federal Reserve Board.
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Figure 5.

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

* Manufacturing industrial production divided by payroll employment in manufacturing.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics and Federal Reserve Board.

Figure 6.

PRODUCTIVITY MEASURES

* Manufacturing industrial production divided by payroll employment in manufacturing.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics and Federal Reserve Board.
Figure 7.

MANUFACTURING PRODUCTION & CAPACITY
(2012 = 100, ratio scale)

Manufacturing
- Production
- Capacity

Note: C = China joined WTO on December 11, 2001. Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Board.

Figure 8.

MANUFACTURING CAPACITY
(yearly percent change)

Note: C = China joined WTO on December 11, 2001. Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Board.
Manufacturing Productivity

**Figure 9.**

MANUFACTURING CAPACITY vs. MANUFACTURING PRODUCTIVITY PROXY

- 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 vs. MANUFACTURING PRODUCTIVITY PROXY

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

* Manufacturing industrial production divided by payroll employment in manufacturing.

Source: Federal Reserve Board and Bureau Of Labor Statistics.
Figure 11.

PAYROLL EMPLOYMENT: MANUFACTURING
(millions)

INDUSTRIAL PRODUCTION: MANUFACTURING
(2012=100)

Source: Bureau of Labor Statistics and Federal Reserve Board.
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