



Changing Economic Relationships: Implications for Monetary Policy and Simple Monetary Policy Rules

Eric S. Rosengren
President & CEO
Federal Reserve Bank of Boston

April 16, 2015

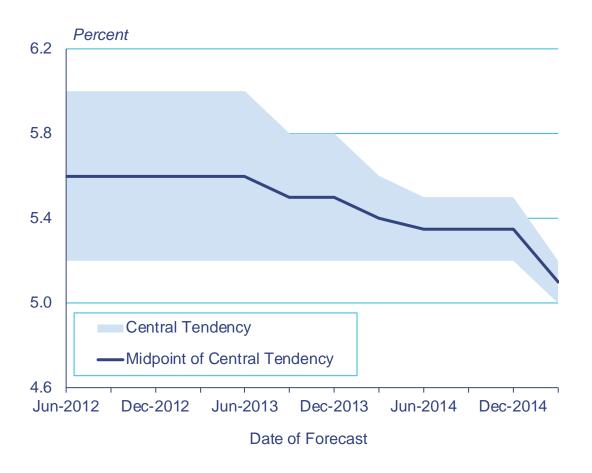
Chatham House London, England

bostonfed.org



Figure 1: Longer-Run U.S. Unemployment Rate Projections of Federal Reserve Governors and Federal Reserve Bank Presidents

June 2012 - March 2015

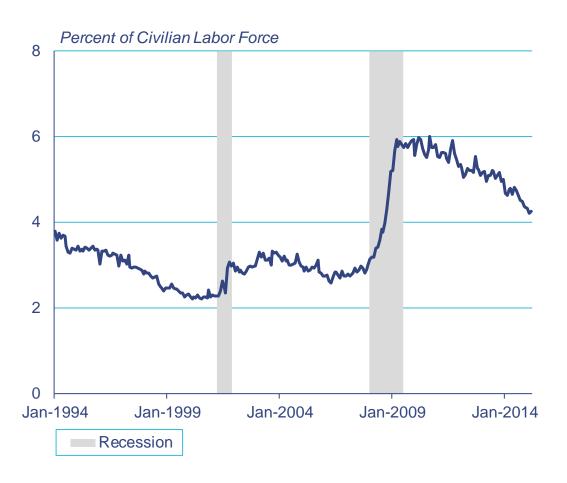


Note: The central tendency excludes the three highest and three lowest projections in each period. Source: FOMC, Summary of Economic Projections (SEP)



Figure 2: Persons Employed Part Time for Economic Reasons in the U.S.

January 1994 - March 2015



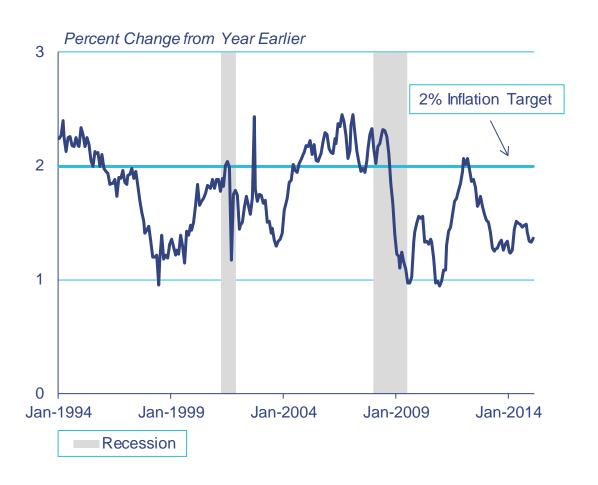
Note: "Refers to those who worked 1 to 34 hours during the reference week for an economic reason such as slack work or unfavorable business conditions, inability to find full-time work, or seasonal declines in demand."

Source: BLS, NBER, Haver Analytics



Figure 3: U.S. Inflation Rate: Change in Core Personal Consumption Expenditures Price Index

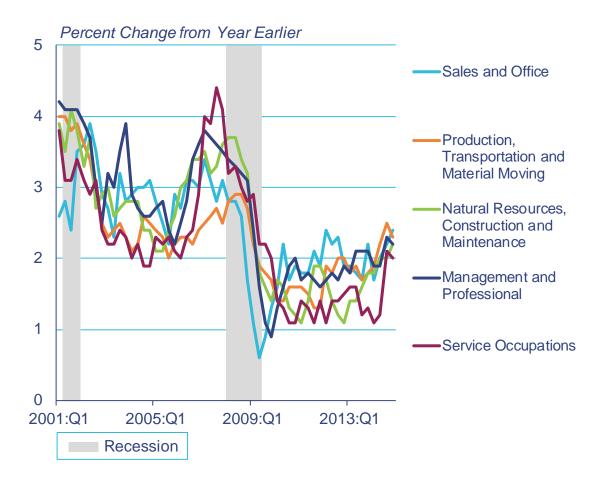
January 1994 - February 2015



Source: BEA, NBER, Haver Analytics



Figure 4: U.S. Employment Cost Index for Wages and Salaries for Private Industry Workers by Occupational Group



Source: BLS, NBER, Haver Analytics



Figure 5: Age Distribution of the U.S. Civilian Labor Force

1994, 2004, and 2014

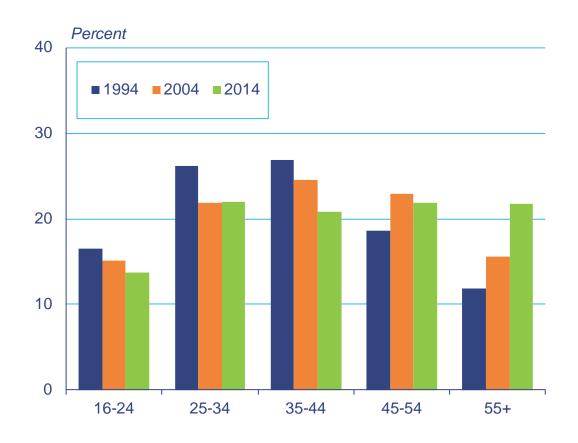
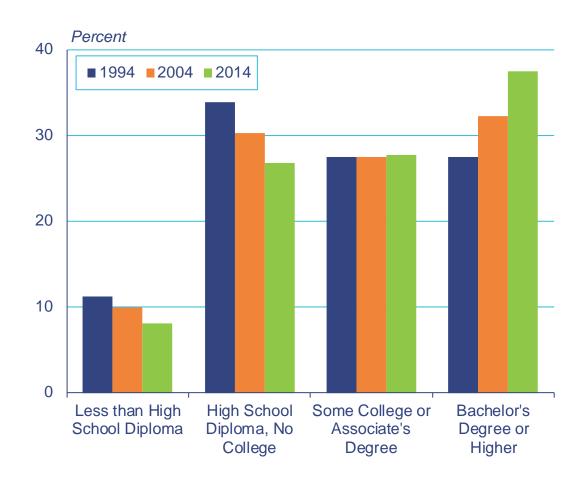




Figure 6: U.S. Civilian Labor Force, Age 25 Years and Older, by Educational Attainment

1994, 2004, and 2014



Source: BLS, Haver Analytics



Figure 7: Longer-Run U.S. Federal Funds Rate Projections of Federal Reserve Governors and Federal Reserve Bank Presidents

June 2012 - March 2015

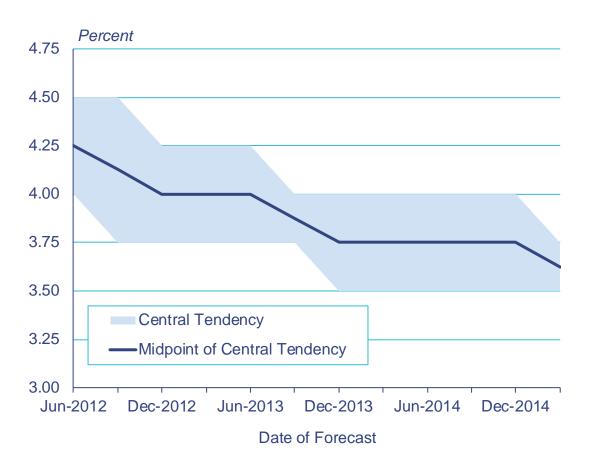
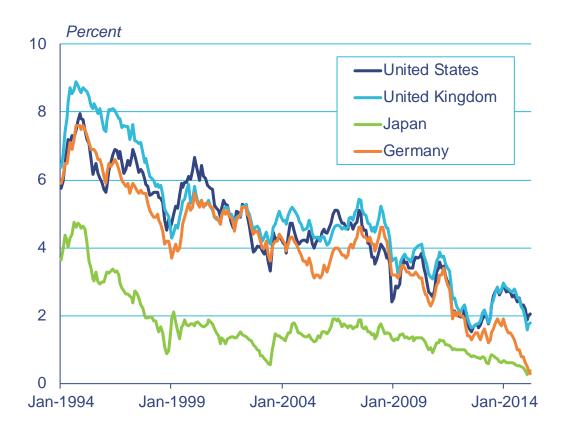




Figure 8: Ten-Year Government Bond Yields

January 1994 - March 2015



Note: Germany's bond yield is the yield on federal government securities with a residual maturity of 9 to 10 years.

Figure 9: Checkable Deposits and Currency of U.S. Households and Nonprofit Organizations

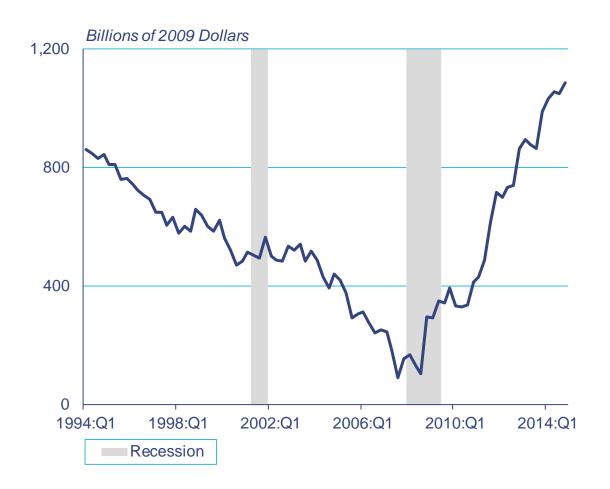




Figure 10: Checkable Deposits and Currency of U.S. Nonfinancial Corporate Businesses

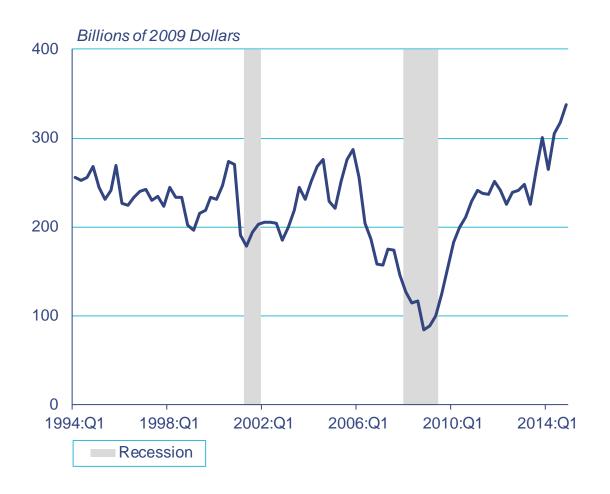
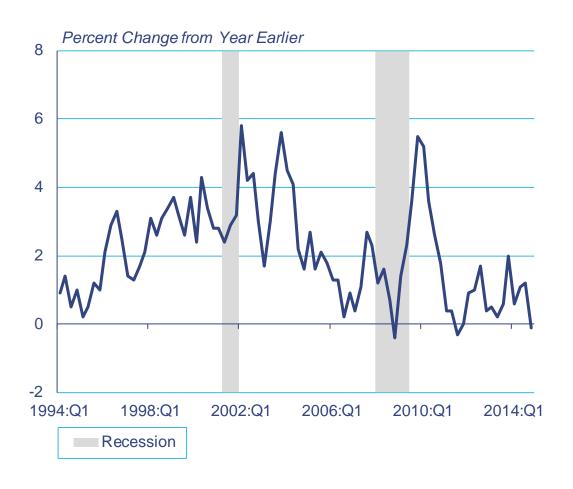




Figure 11: U.S. Productivity: Real Output Per Hour, Nonfarm Business, All Persons



Source: BLS, NBER, Haver Analytics



Figure 12: U.S. Federal Funds Rate Projections for Yearend 2015 of Federal Reserve Governors and Federal Reserve Bank Presidents

December 17, 2014 and March 18, 2015

