Current Economic Conditions and the Implications for Monetary Policy

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

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Evolving Views on Appropriate Monetary Policy

- From 2007 to 2014 when addressing this group I have been an advocate for accommodative monetary policy
- More recently, my comments have been advocating for a gradual return to a more normal monetary policy
- It is not that my underlying views or economic analysis have changed; rather, economic circumstances have evolved and now imply the need for a different stance of monetary policy
Approaching Our Mandate

- Appropriate monetary policy will need to normalize more quickly than over the past year, but certainly not as rapidly as in the last tightening cycle.
- The unemployment rate is at my estimate of what is likely to be sustainable in the long run.
- Total and core PCE inflation measures are approaching the Federal Reserve’s 2 percent inflation target (which is defined in terms of total PCE).
Figure 1: Federal Funds Rate
January 2002 - December 2016

Source: Federal Reserve Board, NBER, Haver Analytics
Why Was Such A Slow Normalization of Monetary Policy Appropriate?

- The significant loss of jobs during the Great Recession ensured the recovery to full employment would not be quick
- Real GDP has been growing only slightly faster than potential
- Inflation rates both here and abroad have remained well below the inflation targets set by central banks
- Because policymakers consistently missed on the weak side, very patient and gradual approach to raising the funds rate has been entirely appropriate
Figure 2: Federal Funds Rate Projections Implied by the Federal Funds Futures Market on Selected Dates

December 2015 - December 2017

Source: Bloomberg Finance L.P.
Figure 3: Ten-Year Government Bond Yields
Change, November 1, 2016 - January 6, 2017

Source: Bloomberg Finance L.P.
Figure 4: Five-Year Treasury Yield Minus Five-Year Inflation-Indexed Treasury Yield

January 3, 2012 - January 5, 2017

Note: Yields at Constant Maturity
Source: Federal Reserve Board, Haver Analytics
Figure 5: Measures of Labor Underutilization
January 2006 - December 2016

Note: The U-6 measure is total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force.

Source: BLS, NBER, Haver Analytics
Figure 6: Unemployment Rate by Educational Attainment

January 2006 - December 2016

Note: For population age 25 and older
Source: BLS, NBER, Haver Analytics
Figure 7: Civilian Labor Force Growth
January 2006 - December 2016

Source: BLS, NBER, Haver Analytics
Figure 8: Labor Force Entry and Exit
January 2006 - December 2016

Note: Shares are twelve-month moving averages
Source: BLS, NBER, Haver Analytics
Figure 9: Wage Growth for Private Industry Workers

2006:Q1 - 2016:Q4

Note: The Employment Cost Index for the fourth quarter of 2016 has not yet been released
Source: BLS, NBER, Haver Analytics
Figure 10: Inflation Rate: Change in Total and Core Personal Consumption Expenditures Price Indices

January 2006 - November 2016

Note: Core PCE excludes food and energy
Source: BEA, NBER, Haver Analytics
Figure 11: Inflation Rate: Change in Total and Core Consumer Price Indices
January 2006 - November 2016

Note: Core CPI excludes food and energy
Source: BLS, NBER, Haver Analytics
Figure 12: Alternative Inflation Measures: Change in Trimmed-Mean PCE and CPI
January 2006 - November 2016

Source: Federal Reserve Bank of Cleveland, Federal Reserve Bank of Dallas, NBER, Haver Analytics
Figure 13: Estimates for the Target Federal Funds Rate Path

June 2016 - December 2019

Note: Estimates from the Survey of Primary Dealers are median estimates for the target rate or the midpoint of the target range. Estimates from the Summary of Economic Projections are medians of the projections for the midpoint of the target range at yearend for 2016-2019.

Figure 14: Federal Reserve System Balance Sheet Composition
January 2006 - December 2016

Source: Federal Reserve Board, Haver Analytics
Concluding Observations

- We are now approaching both elements of the Fed’s dual mandate – and my own forecast is we will achieve them by the end of 2017 – which calls for gradually normalizing monetary policy.
- The aggressive policy actions taken by the Fed during the financial crisis and recession made a huge difference.
- As a result, the U.S. is closer to achieving its goals for monetary policy than are most other developed countries.