HOW TO READ THE STORY OF FED POLICY, ECONOMIC CLIMATE, AND POLITICS

Macro Economy and its impacts on your Bank

WEBINAR SESSION SEGMENTS

First segment: Technical & Bank Specific

Second segment: Macro Economy

Third segment: Polished in a network setting

Understanding the Statements
Reading Bank Financials
Economic Environment
Federal Reserve FOMC & Interest Rates
Economic & Political Environment
Navigating Questions About Your Bank
In Professional & Social Setting
Not Your Night Stand Reading

SEGMENT 2

Second segment: Macro Economy

Economic Environment

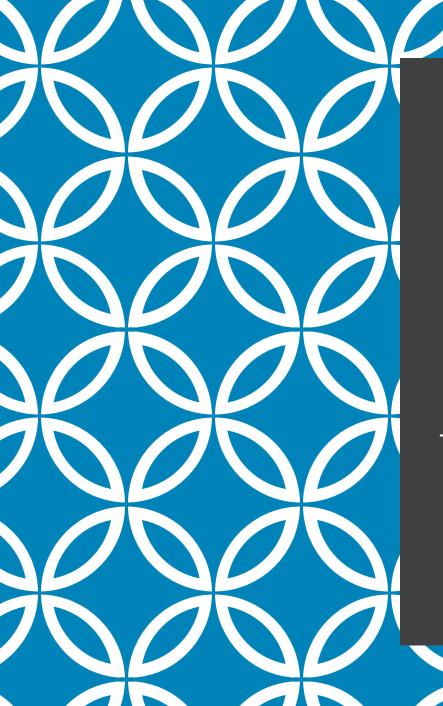
- Federal Reserve FOMC & Interest Rates
- Economic & Political Environment

TODAY'S THEMES U.S. Federal Reserve System

U.S. Economic Update

Great Recession

Pandemic



TODAY'S THEMES

Current U.S. Fed Policy

How U.S. banks function within the context of monetary policy THE FEDERAL RESERVE SYSTEM •"Decentralized" Central Bank - 1913

•Created in response to the nation's recurring banking panics

 Its mission expanded into fostering a healthy economy

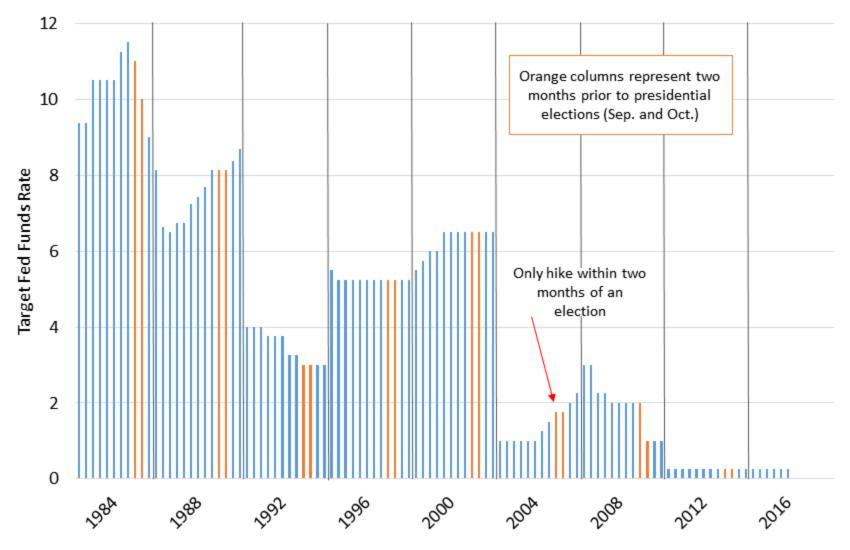
THE FEDERAL RESERVE SYSTEM

•Operates independently of the government to carry out its responsibility; insulated from political pressure

Fed Policy Moves During Presidential Election Years

| Election Year | Rate Hike | Rate Hike Within Two Months of Election | Rate Cut | Rate Cut Within Two Months of Election | Recession | Incumbent | Winner |
|------------------|-----------|--|----------|---|-----------|------------|------------|
| 1984 | Yes | - | Yes | Yes | - | Republican | Republican |
| 1988 | Yes | - | - | - | - | Republican | Republican |
| 1992 | - | - | Yes | Yes | - | Republican | Democrat |
| 1 996 | - | - | Yes | - | - | Democrat | Democrat |
| 2000 | Yes | - | - | - | - | Democrat | Republican |
| 2004 | Yes | Yes | - | - | - | Republican | Republican |
| 2008 | - | - | Yes | Yes | Yes | Republican | Democrat |
| 2012 | - | - | QE3 | QE3 | - | Democrat | Democrat |
| 2016 | Yes | 1 Month After | - | - | - | Democrat | Republican |

Fed Funds Target Rate Changes in Presidential Election Years



Sources: U.S. Federal Reserve, The GailFosler Group



PRICE STABILITY (LOW INFLATION)

MAXIMUM EMPLOYMENT (LOW UNEMPLOYMENT)

Fed's Responsibility: Dual Mandate

THE FEDERAL RESERVE

3 Parts:

Board of Governors – Washington, D.C.

• 7 governors with 14 year terms

12 Regional Banks

Federal Open Market Committee





FOMC

1 Vacancy

Board Members

Jerome H. Powell, Chair

Richard H. Clarida, Vice Chair

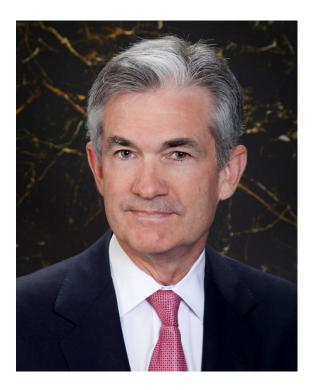
Michelle W. Bowman

Lael Brainard

Randal K. Quarles

Christopher J. Waller

Chairman Powell





Source: Federal Reserve Bulletin, Board of Governors of the Federal Reserve System.

FOMC VOTING ROTATION

Federal Reserve Bank Rotation on the FOMC

Committee membership changes at the first regularly scheduled meeting of the year.

| | 2022 | 2023 | 2024 |
|-----------|-----------------------|-----------------------|-----------------------|
| | New York | New York | New York |
| | Cleveland | Chicago | Cleveland |
| Members | Boston | Philadelphia | Richmond |
| Members | St. Louis | Dallas | Atlanta |
| | Kansas City | Minneapolis | San Francisco |
| | | | |
| | New York [†] | New York [†] | New York [†] |
| Alternate | Chicago | Cleveland | Chicago |
| Members | Philadelphia | Richmond | Boston |
| Members | Dallas | Atlanta | St. Louis |
| | Minneapolis | San Francisco | Kansas City |
| | | | |

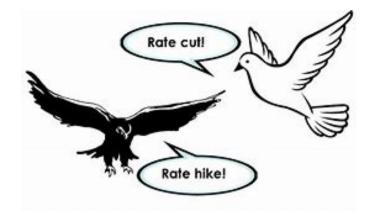
FEDERAL RESERVE BANK OF RICH

Thomas Barkin



DOVE VS HAWK





Dual Mandate

Conducts Monetary Policy

Supervision and Regulation of Banks

Payments System

THE FEDERAL RESERVE

Officially December 2008 – June 2009

Low inflation, low interest rates, high unemployment

Fed employed "easy" monetary policy; Highly accommodative "dovish"

GREAT RECESSION

TRADITIONAL RECESSION GREAT RECESSION

Traditional Tools

Lower the Fed Funds Rate

Lower the Discount Rate

Lower the Reserve Requirement

OMO: Sell Securities

New Toolbox: Unconventional Tools Quantitative Easing QE1, QE2, QE3

Large Scale Asset Purchases

Interest on Excess Reserves

Pandemic Ends Longest Growth Cycle in U.S. History

The longest economic expansions in the United States since World War II (in months)^{*}

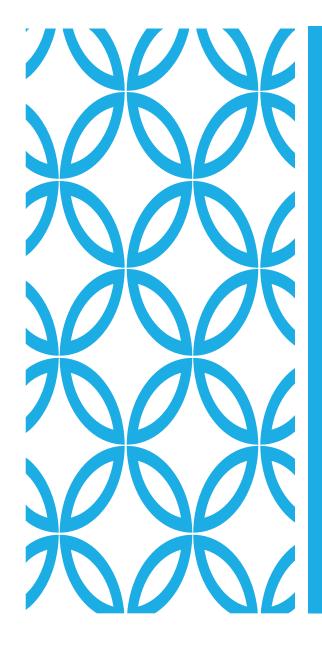


* The NBER broadly defines an expansion as a period, usually lasting several years, during which economic activity rises substantially, spreading across the entire economy.

Sources: National Bureau of Economic Research, BEA





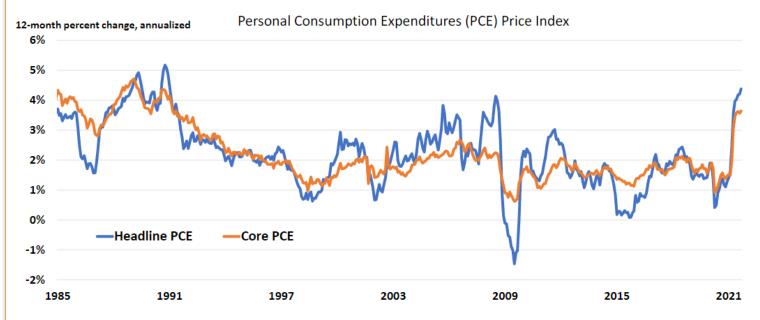


PRESENT ECONOMY

Fed Funds Rate: 0.00-0.25% New York Prime Rate: 3.25%

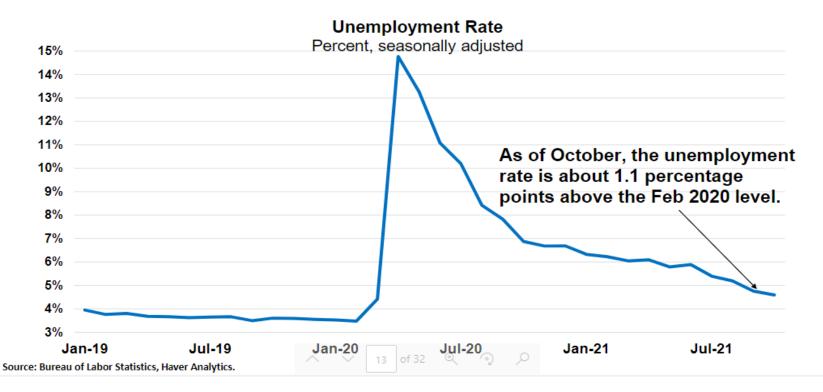


We have to go back to the 1980s to find (year-over-year) core inflation at current levels.

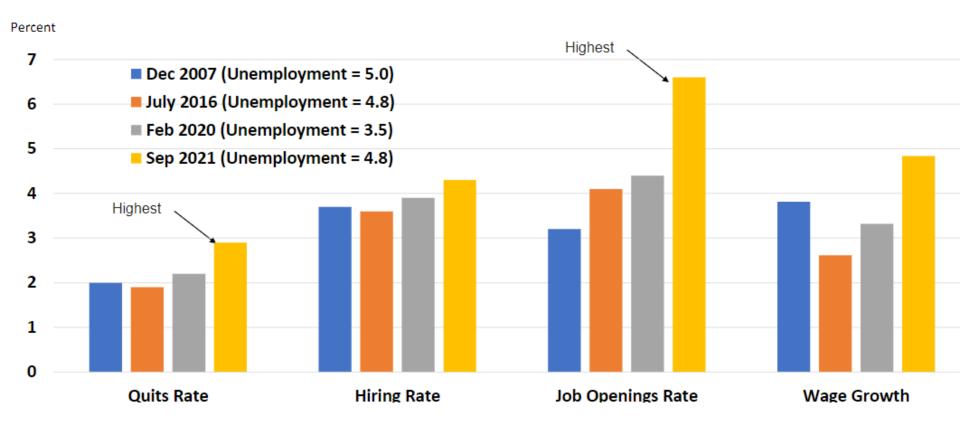


PRESENT ECONOMY

Labor markets are substantially improved...



The signs of labor *supply* issues are evident in the data.



IMPLICATIONS FOR YOUR BANK

Political Example: Will the corporate tax rate change?

Strength of loan demand = budget implications

Banks have excess liquidity

Wage pressures and open positions

Inflation's impact on our customers

FOMC Meeting Dates for the upcoming year

Predict the FOMC decision for its next meeting

Ask your CFO what your bank's budget assumption is for interest rates for the year.

Ask if you can attend a portion of an ALCO meeting to hear about the interest rate impacts

ACTION ITEMS