Chart Collection for Morning Briefing

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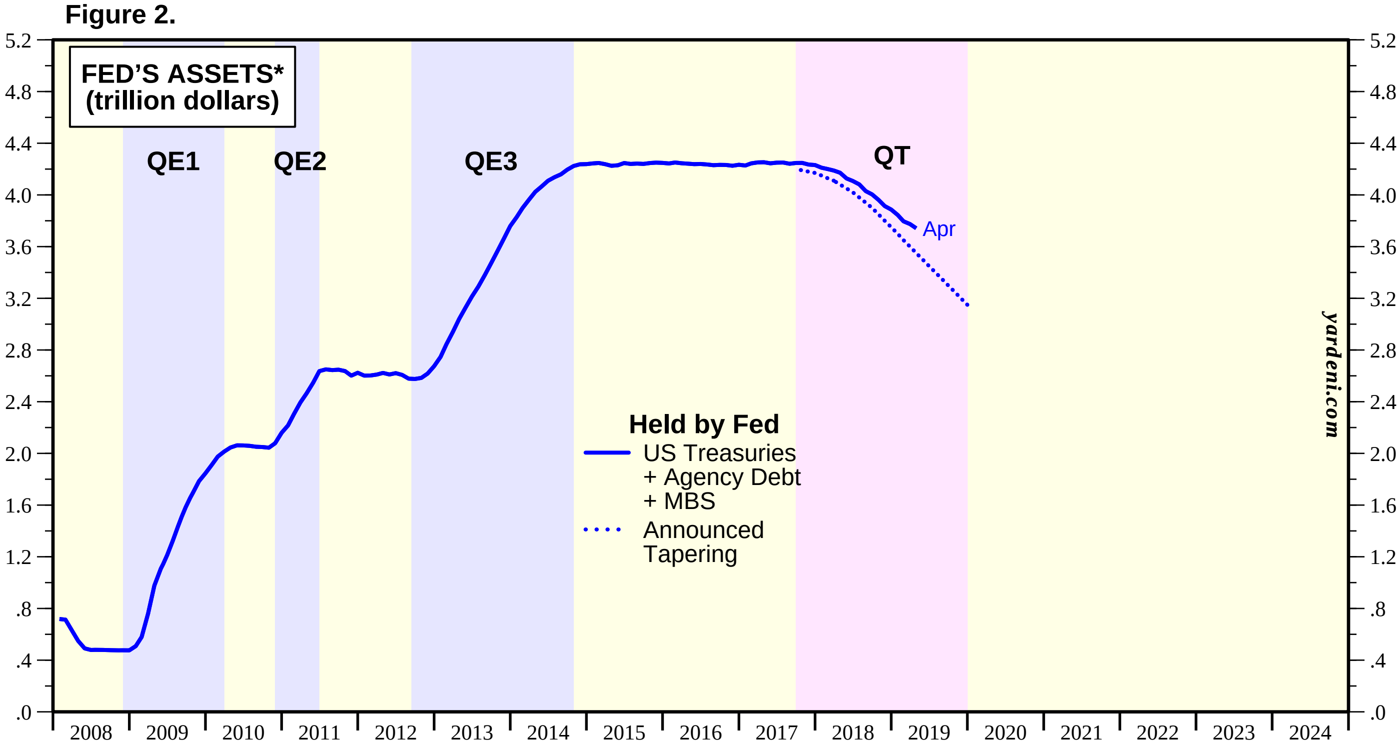
thinking outside the box

Figure 1.

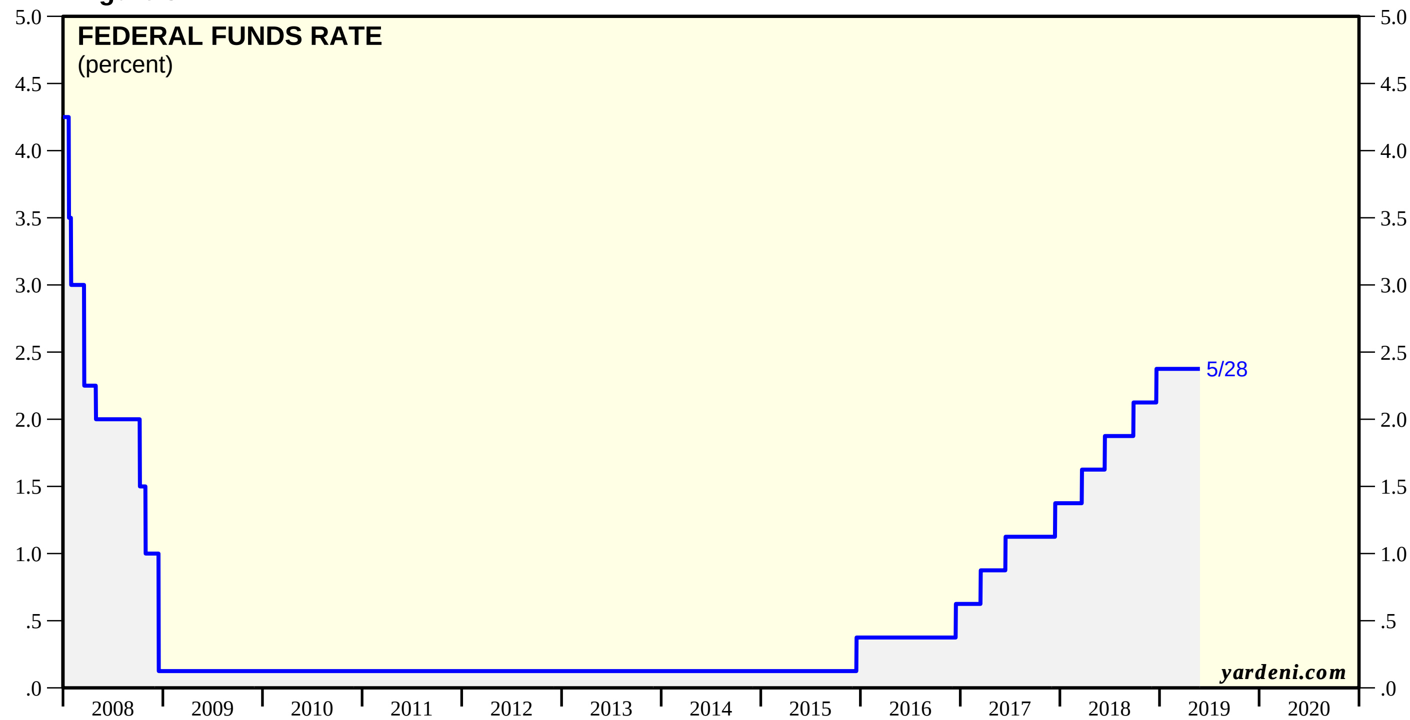
Source: Federal Reserve Board.

Figure 2.



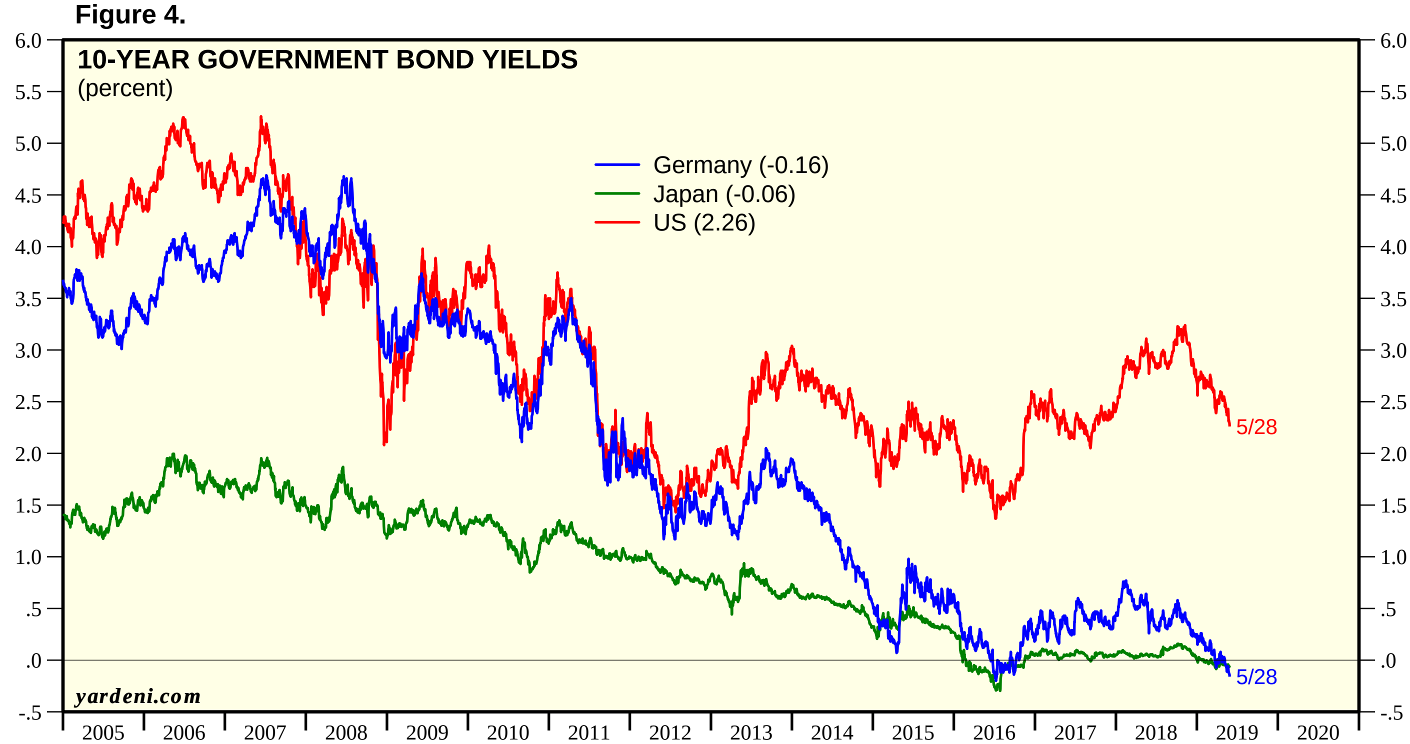
* Fed data are averages of daily figures for weeks ending Wednesday.
Note: QE1 (11/25/08) = Fed starts buying $1.24tn in mortgage securities. QE1 expanded (3/16/2009) = Fed starts buying $300bn in Treasuries.
QE2 (11/3/10) = Fed starts buying $600bn in Treasuries. QE3 (9/13/12) = Fed starts buying $40bn/month in mortgage securities (open ended).
QE3 expanded (12/12/12) = Fed starts buying $45bn/month in Treasuries. Fed terminated QE net purchases (10/1/14). Fed started paring holdings (10/1/17).
Source: Federal Reserve Board.

Figure 3.



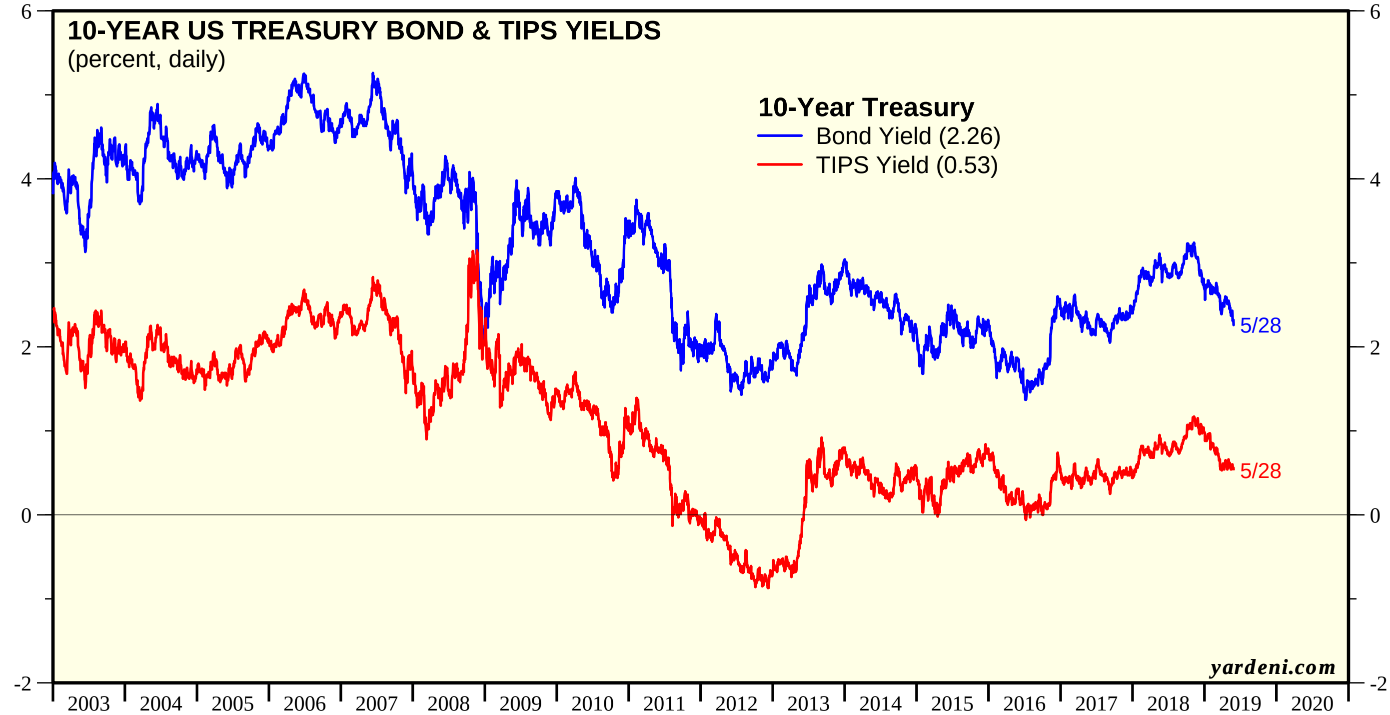
Source: Federal Reserve Board.

Figure 4.



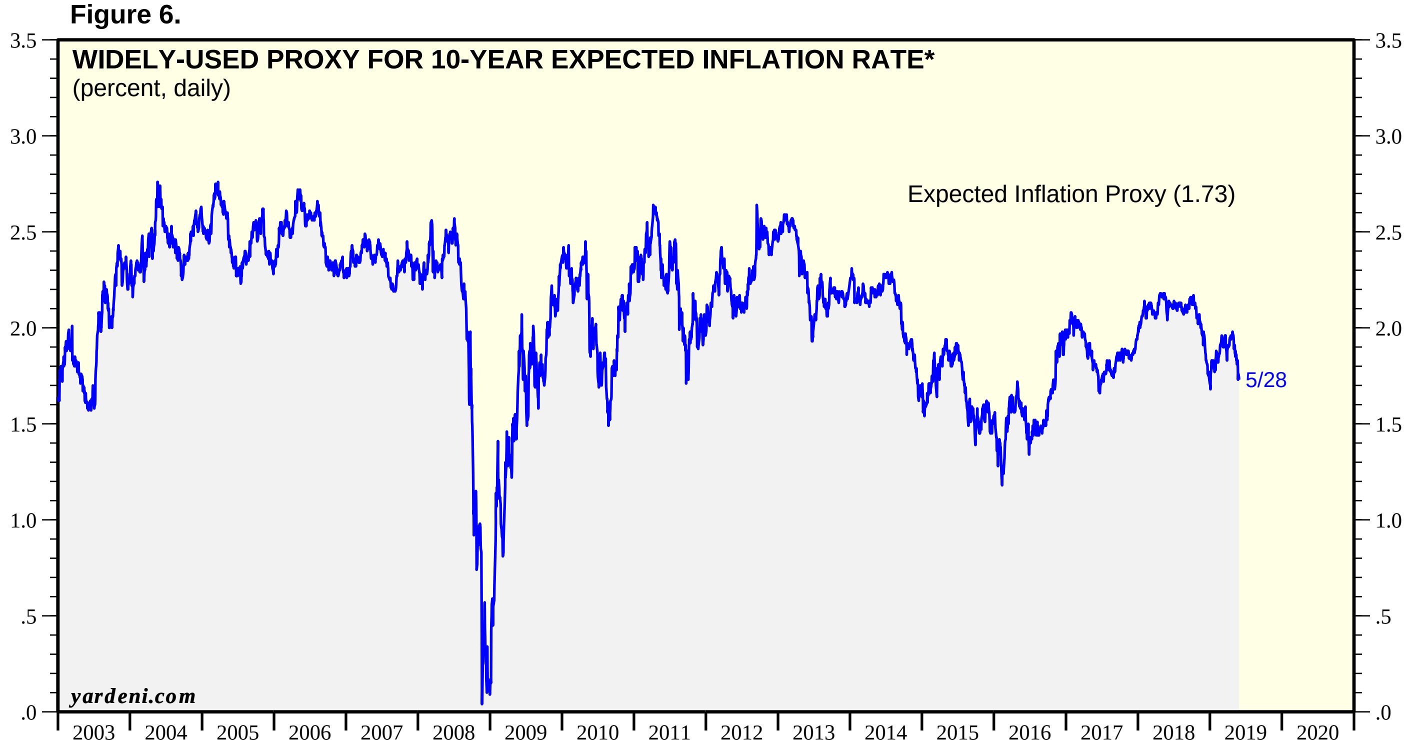
Source: Haver Analytics.

Figure 5.



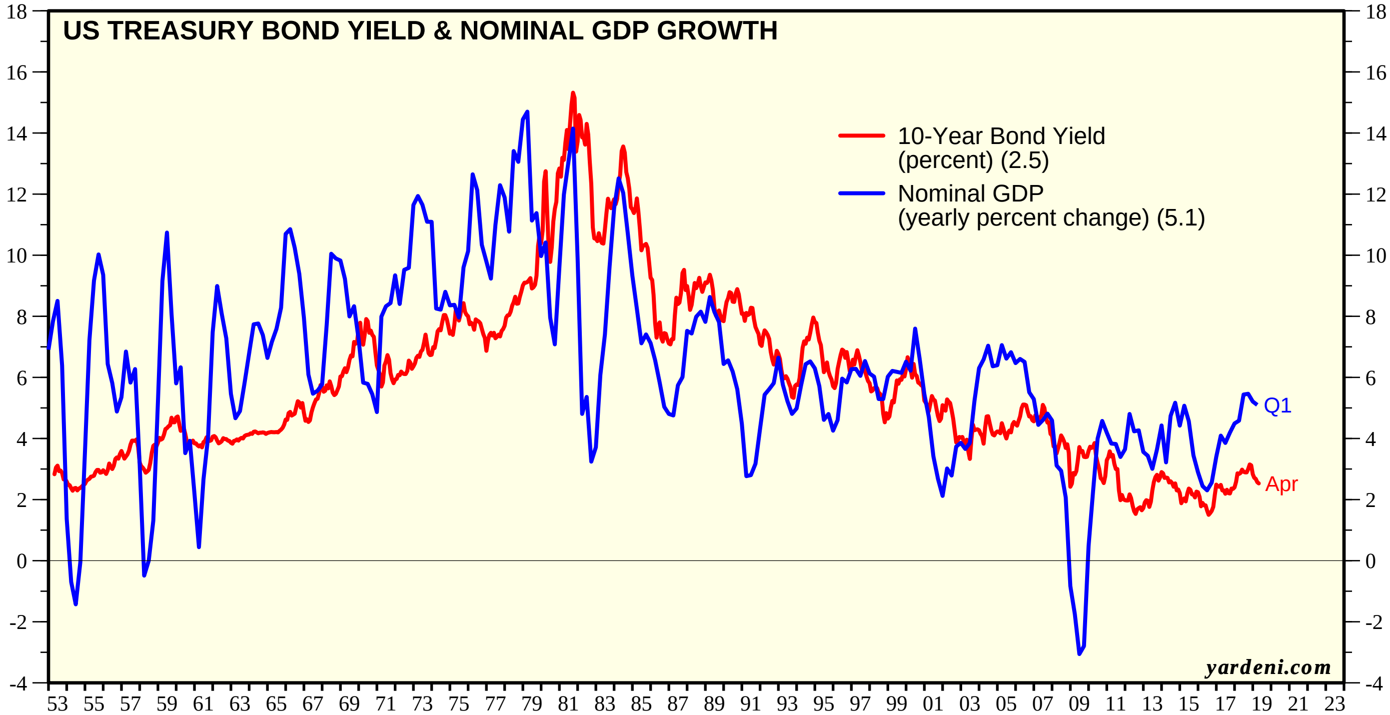
Source: Federal Reserve Board.

Figure 6.



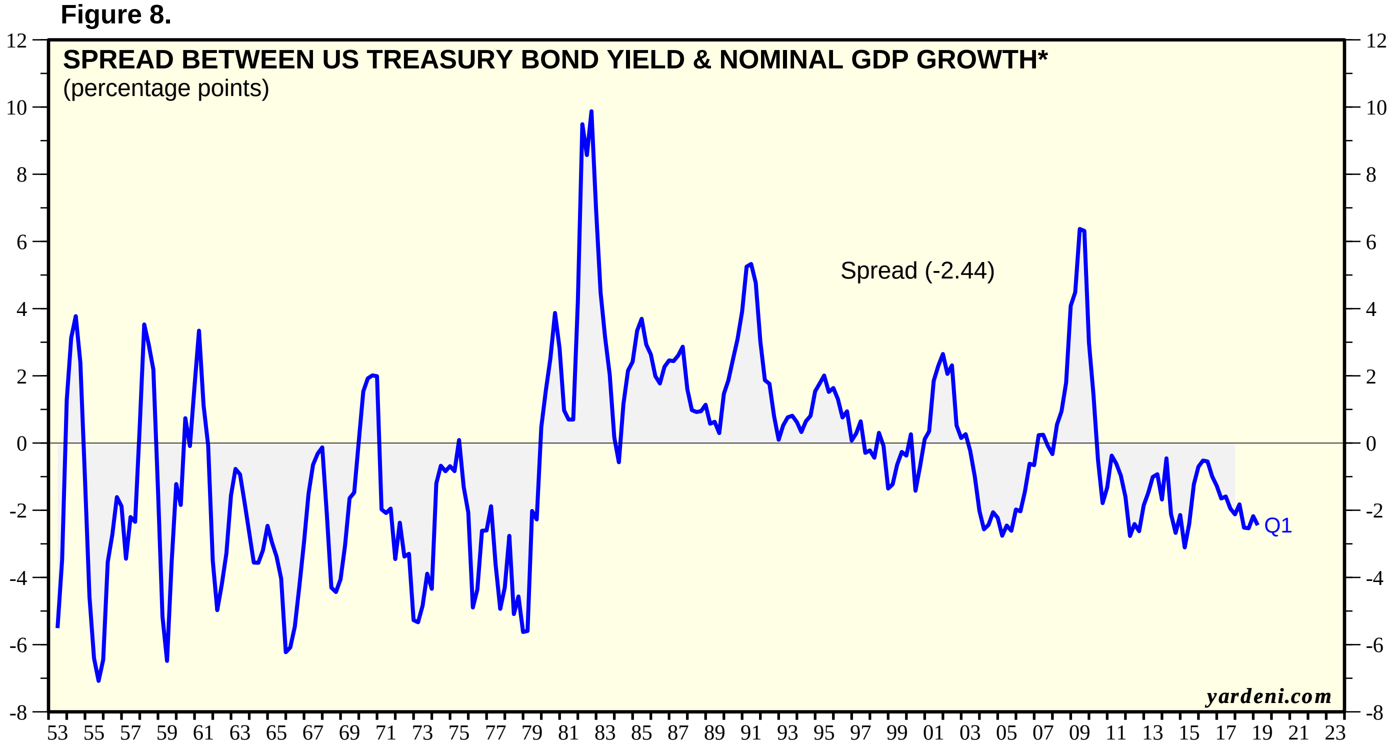
* Nominal 10-year US Treasury bond yield minus 10-year TIPS yield.
Source: Federal Reserve Board.

Figure 7.



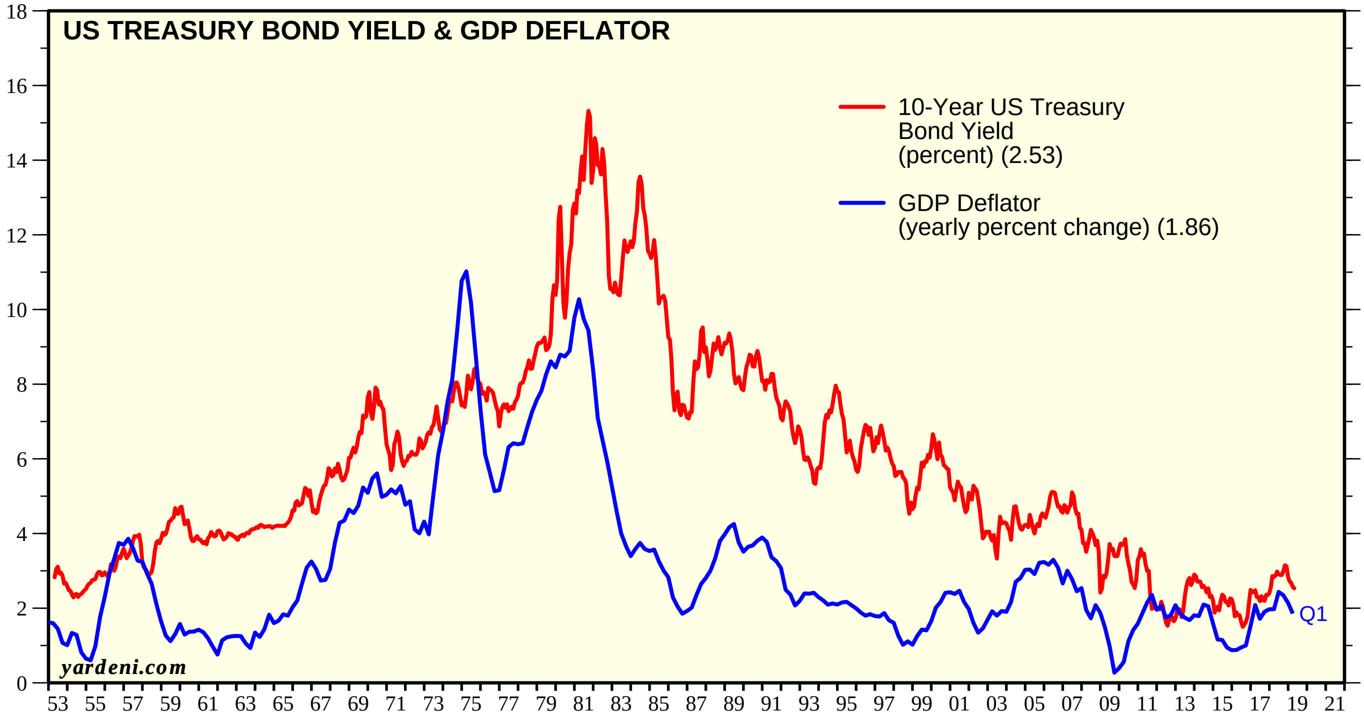
Source: Bureau of Economic Analysis and Federal Reserve Board.

Figure 8.



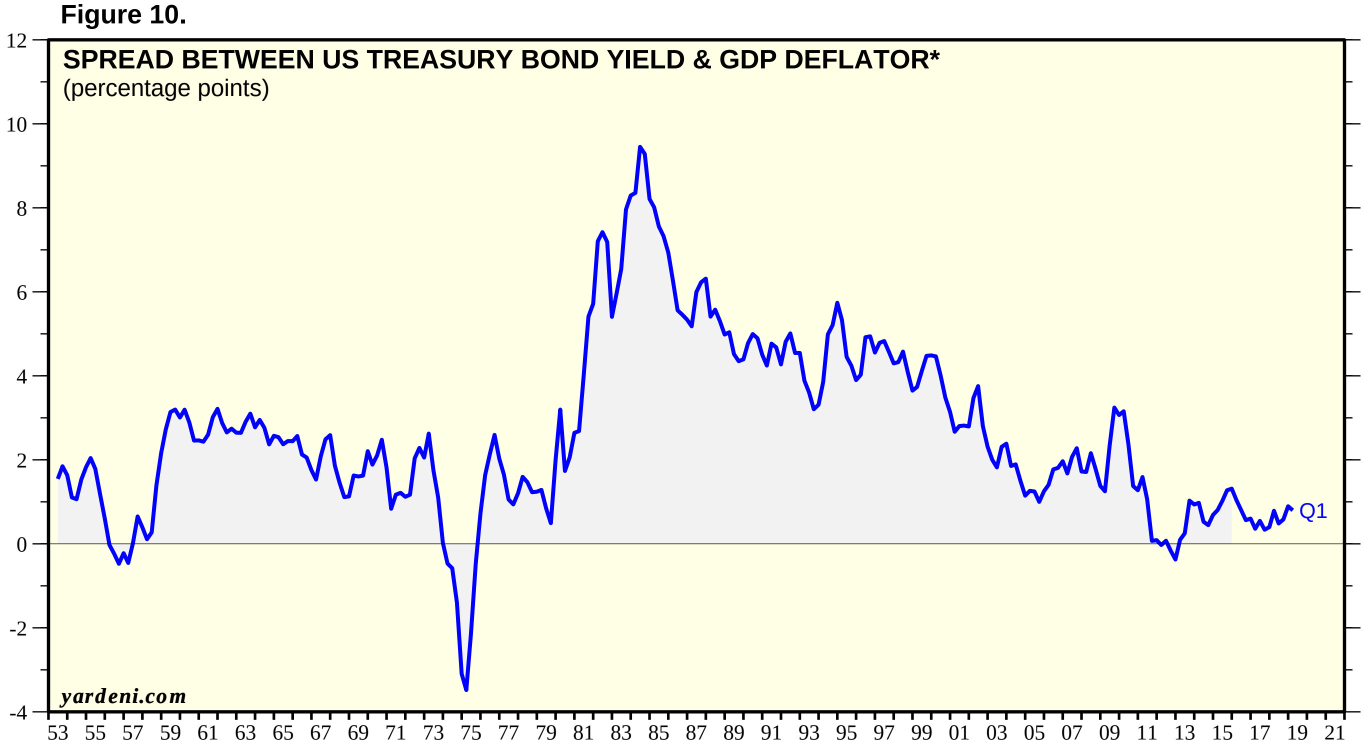
* US Treasury 10-year bond yield minus yearly percent change in nominal GDP.
Source: Bureau of Economic Analysis and Federal Reserve Board.

Figure 9.



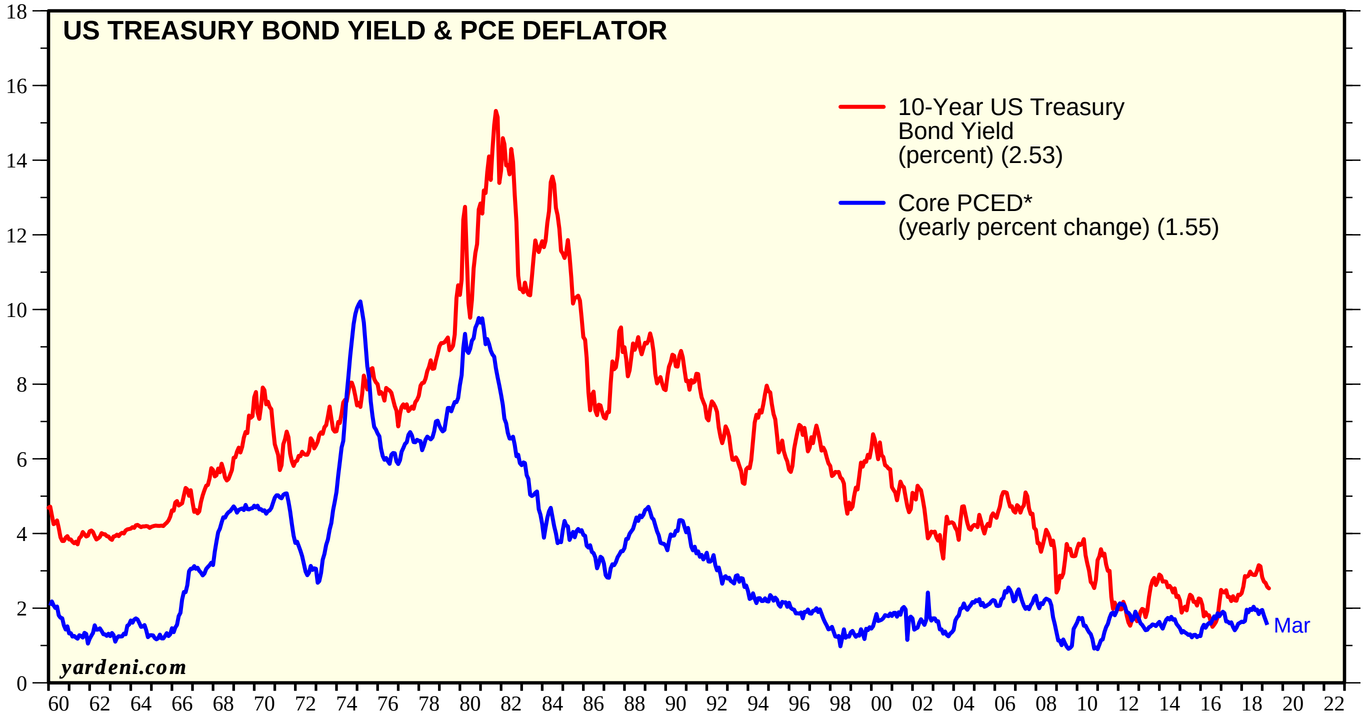
Source: US Department of Commerce, Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.

Figure 10.



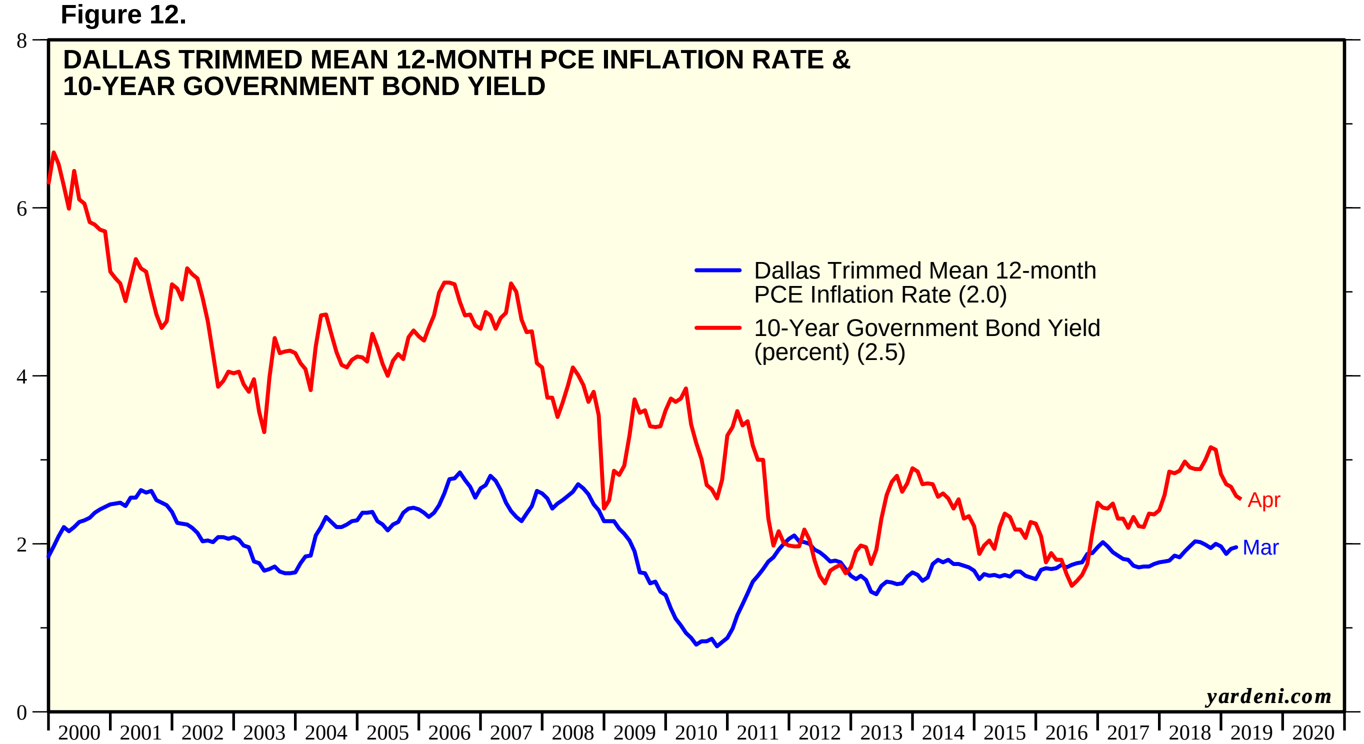
* 10-year bond yield minus yearly percent change in GDP deflator.
Source: US Department of Commerce, Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.

Figure 11.



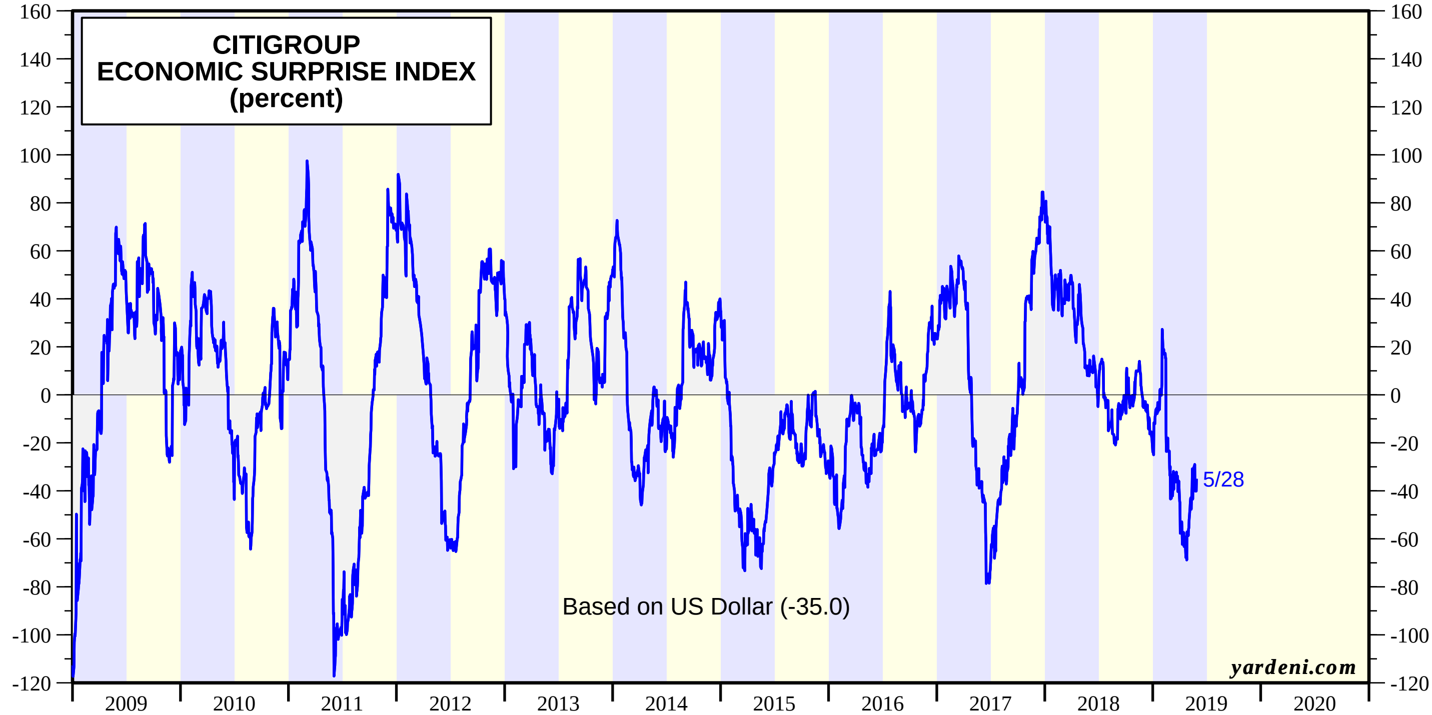
* Excluding food & energy.
Source: US Department of Commerce, Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.

Figure 12.



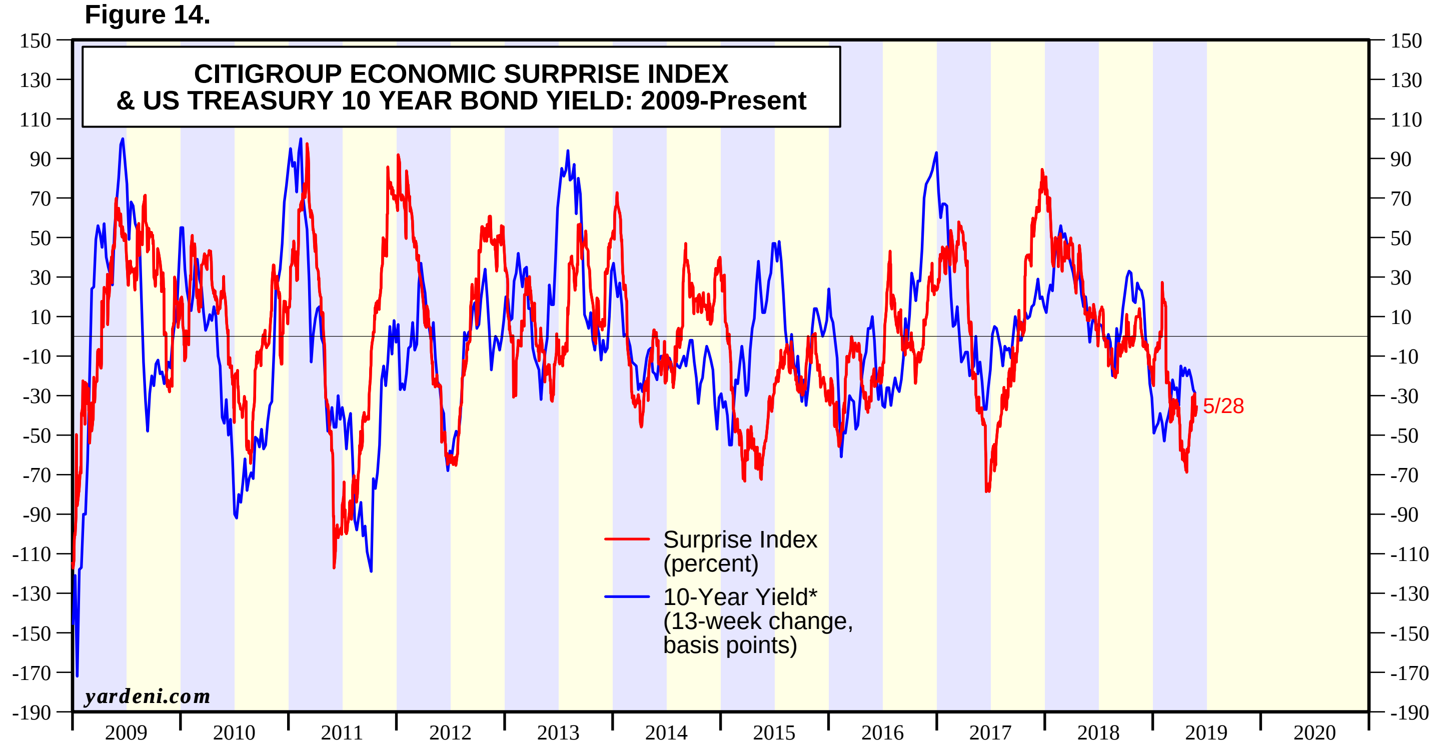
Source: Federal Reserve Bank of Dallas and Federal Reserve.

Figure 13.



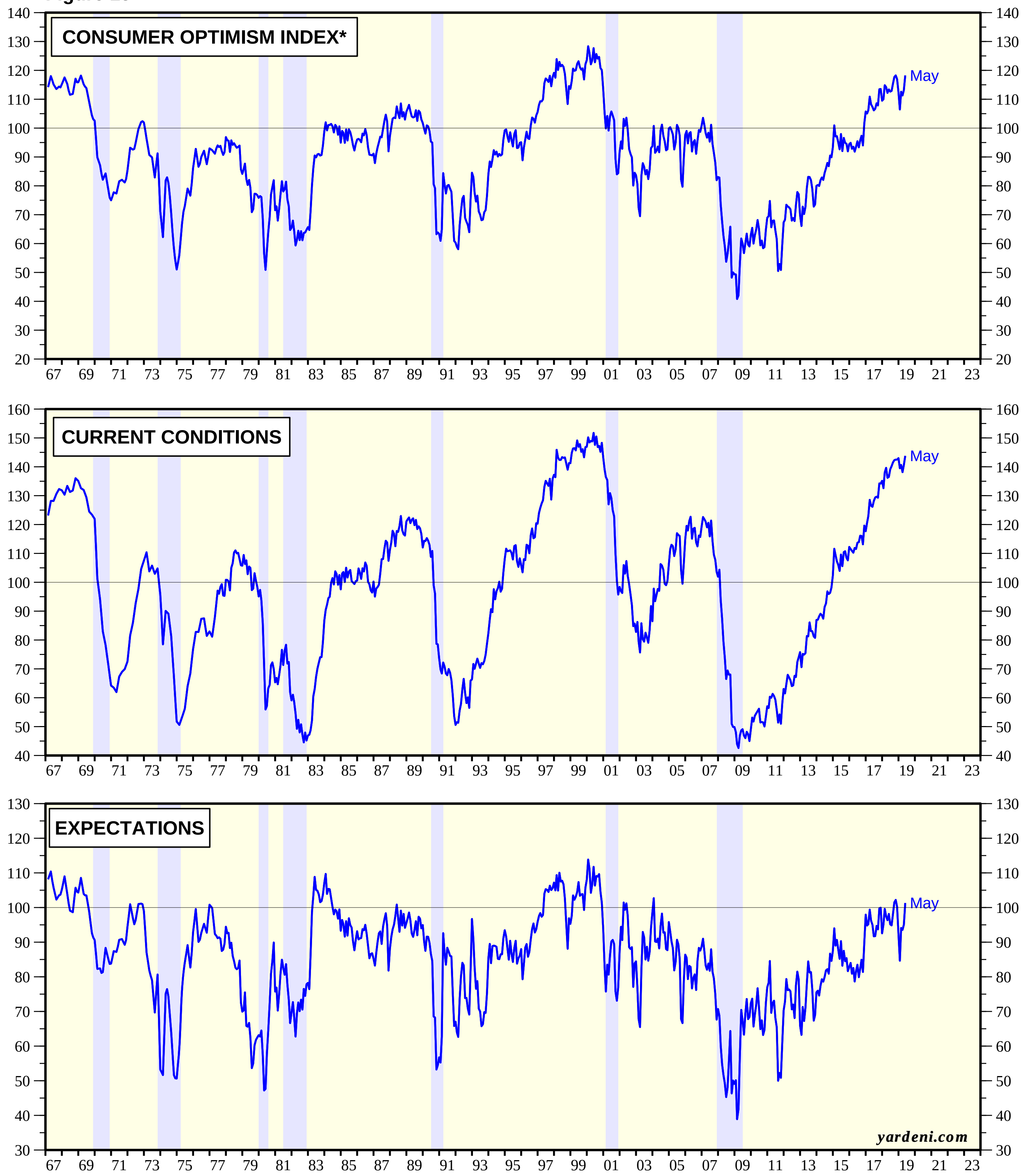
Note: Blue shaded areas denote first half of each year.
Source: Citigroup.

Figure 14.



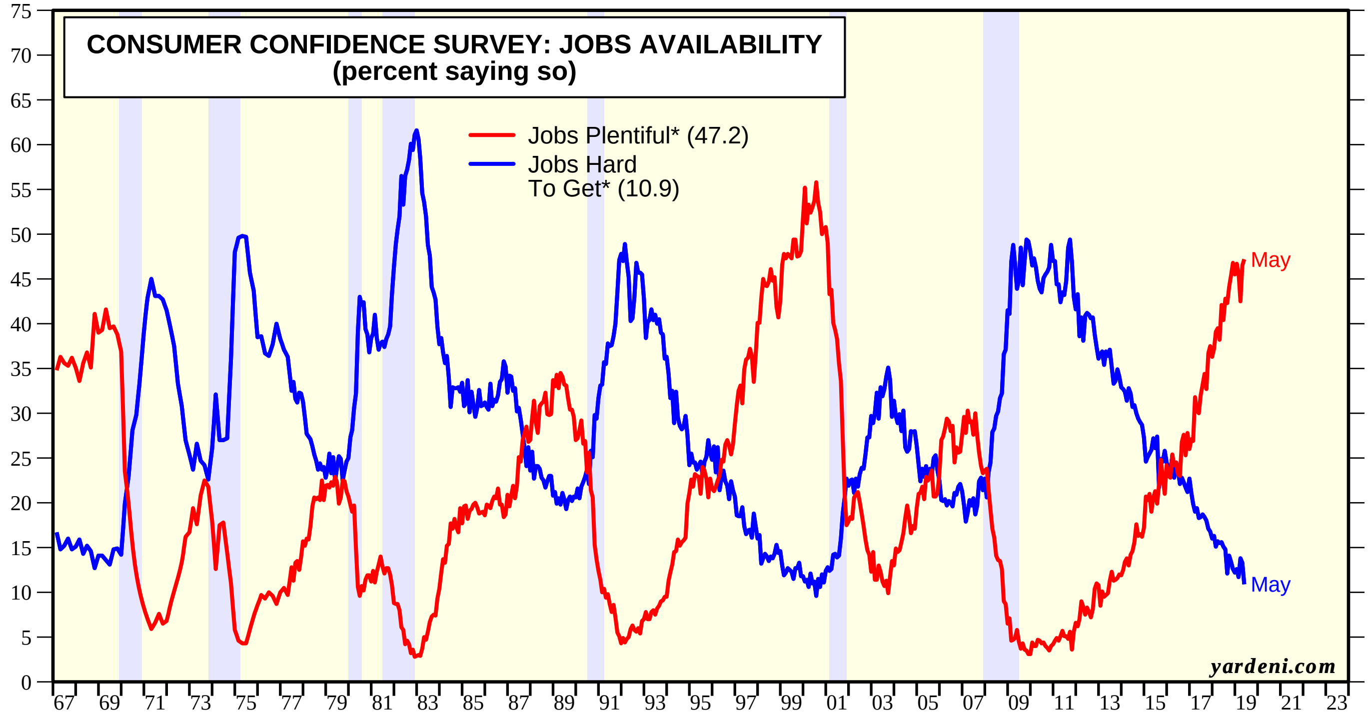
* Average for the week ending Friday.
Note: Blue shaded areas denote first half of each year.
Source: Federal Reserve Board and Citigroup.

Figure 15.



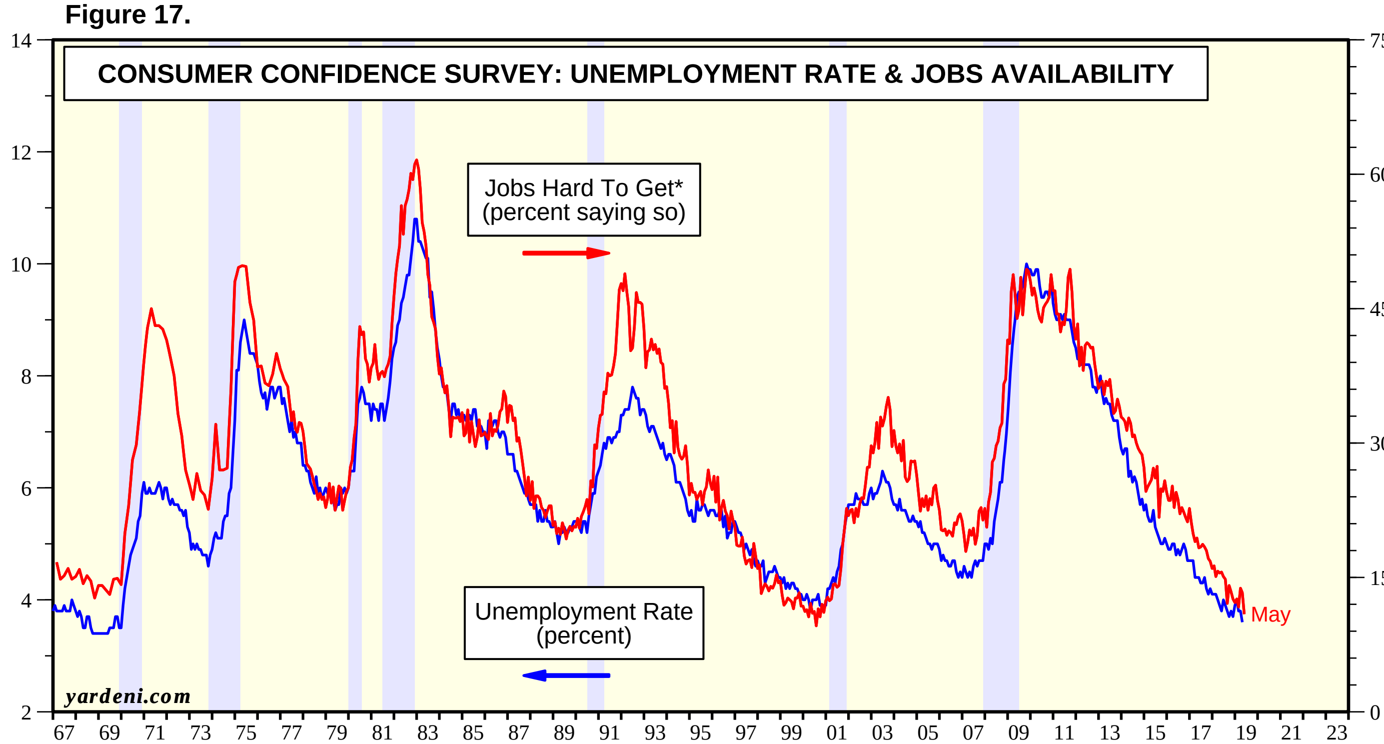
* Average of Consumer Sentiment Index (nsa) and Consumer Confidence Index (sa).
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: The Conference Board and the University of Michigan Survey Research Center.

Figure 16.



* Every other month from 1967 through mid-1977, then monthly since July 1977. Seasonally adjusted.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: The Conference Board.

Figure 17.



* Every other month from 1967 through mid-1977, then monthly since July 1977. Seasonally adjusted.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: The Conference Board and Bureau of Labor Statistics.