

Chart Collection for Morning Briefing

Yardeni Research, Inc.

March 29, 2022

Dr. Edward Yardeni

516-972-7683
eyardeni@yardeni.com

Mali Quintana

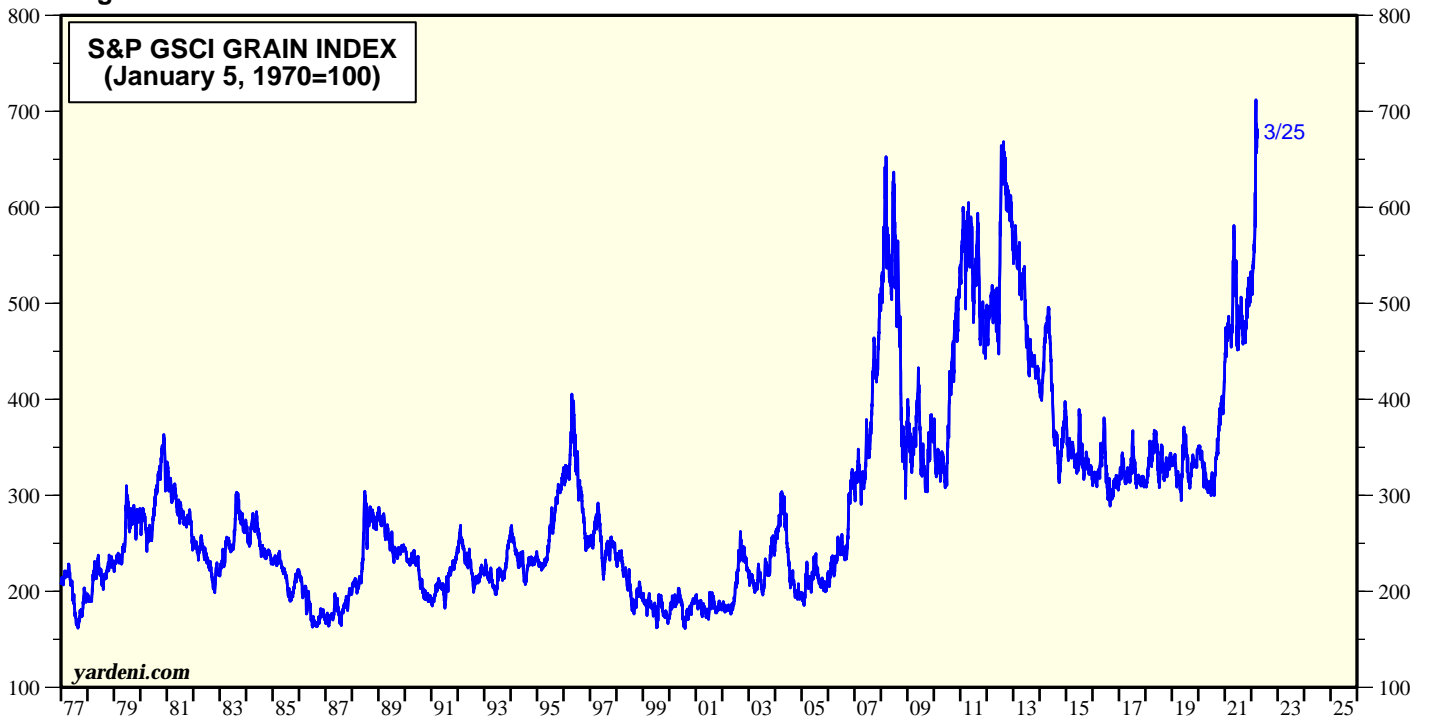
480-664-1333
aquintana@yardeni.com

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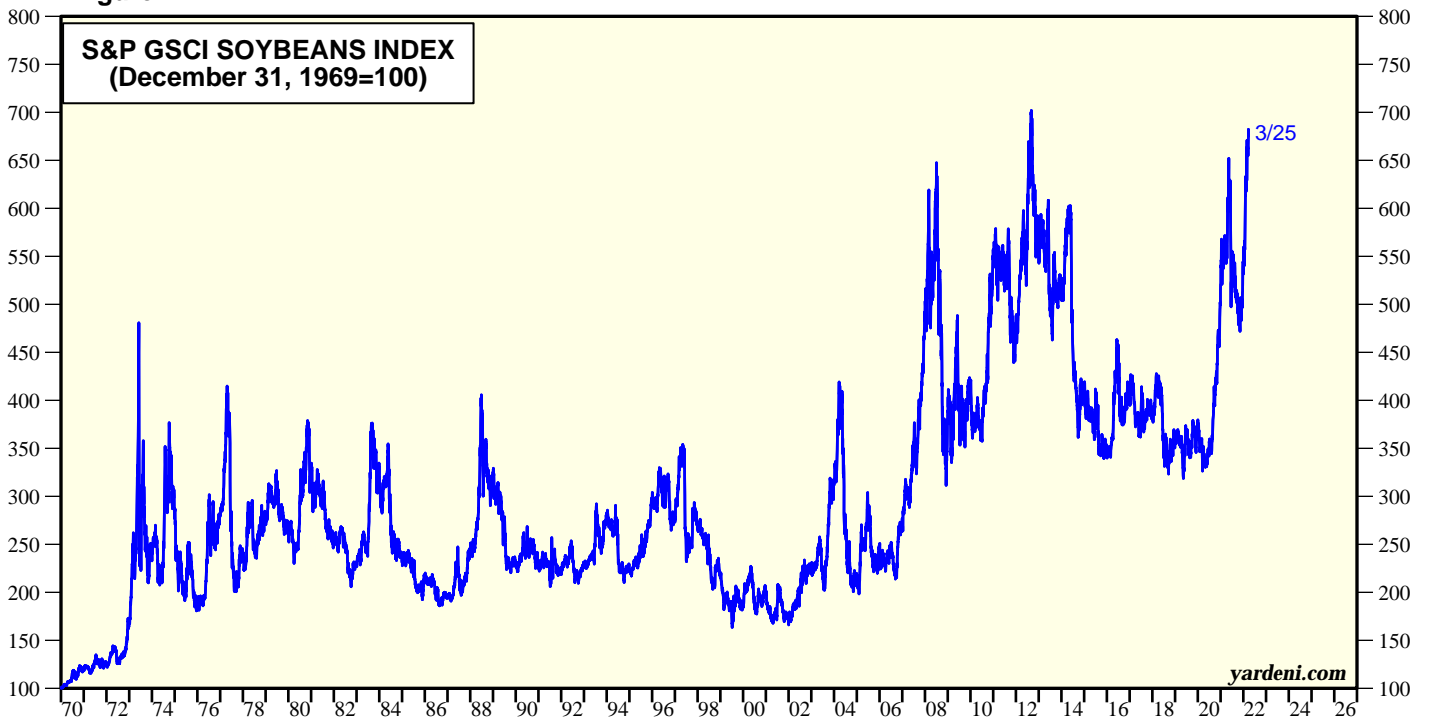
thinking outside the box

Figure 1.



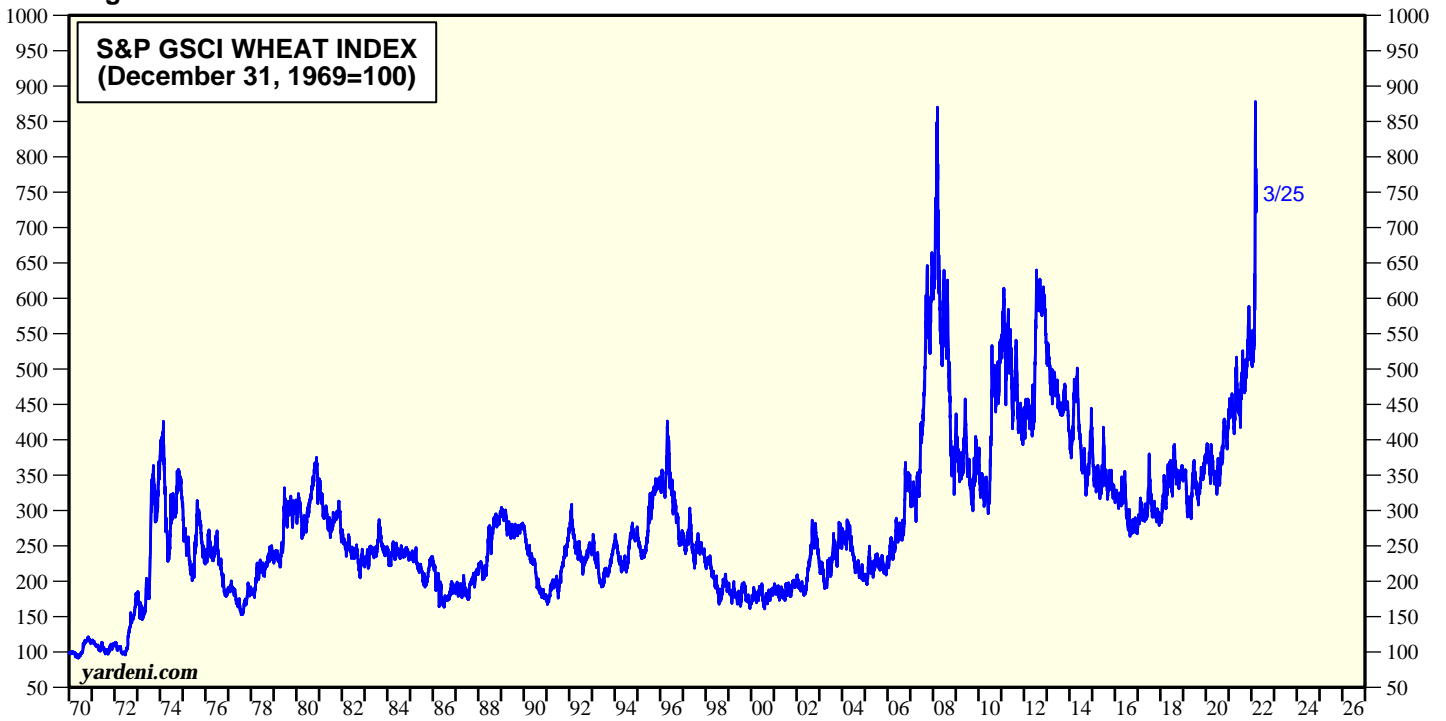
Source: Standard & Poor's.

Figure 2.



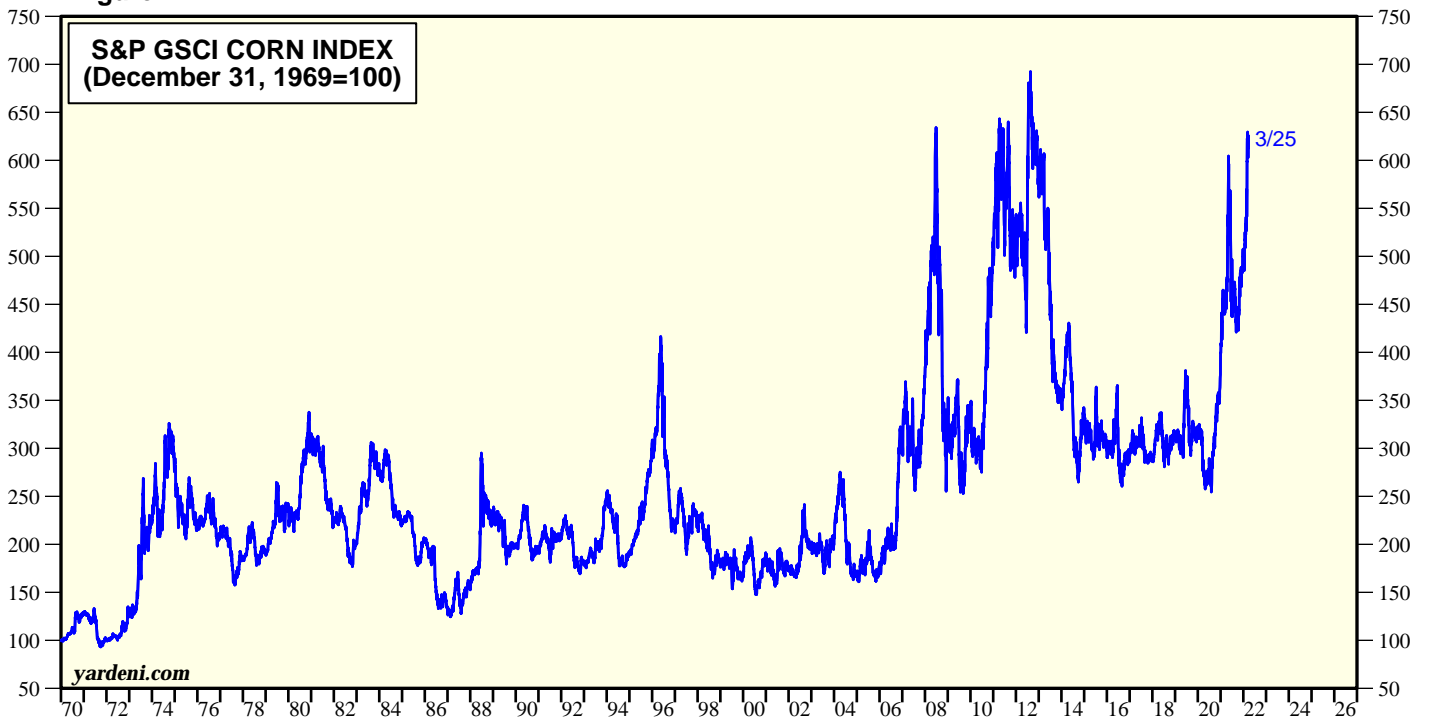
Source: Standard & Poor's.

Figure 3.



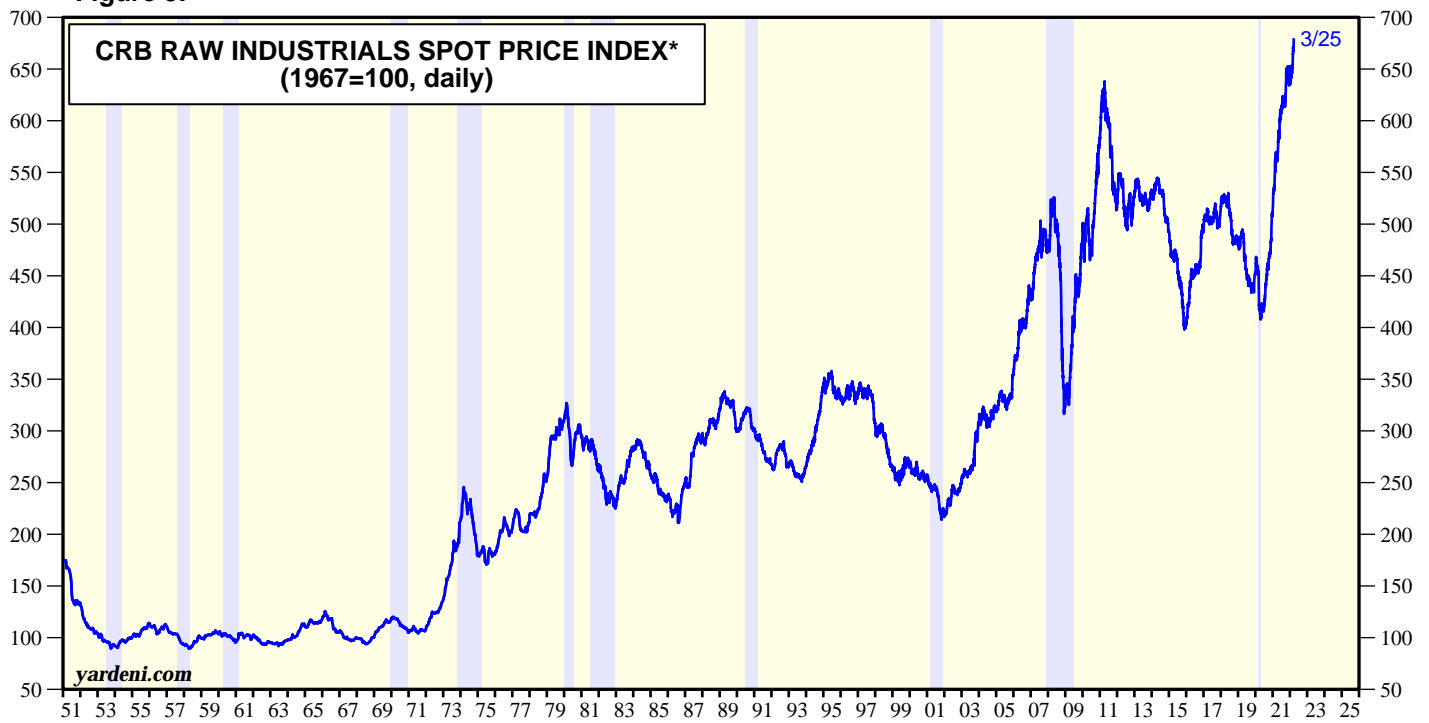
Source: Standard & Poor's Corporation.

Figure 4.



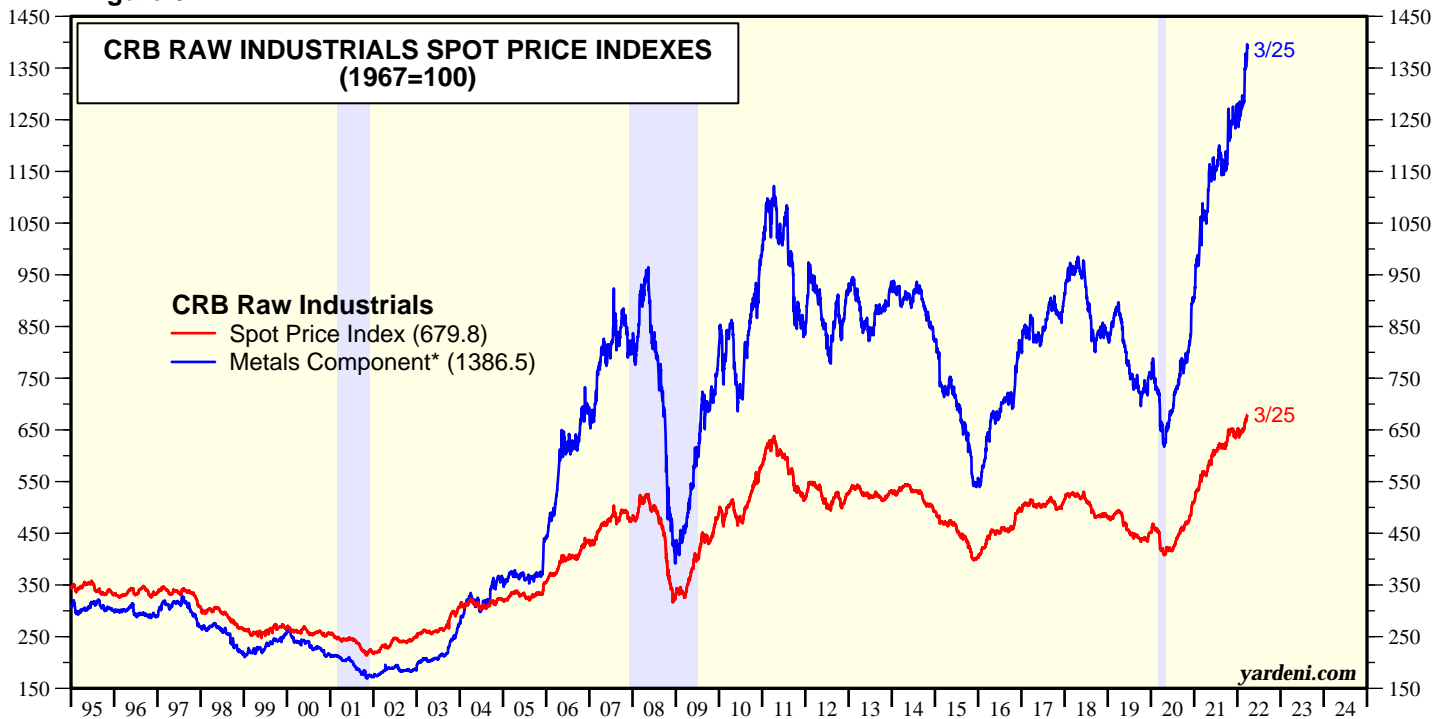
Source: Standard & Poor's Corporation.

Figure 5.



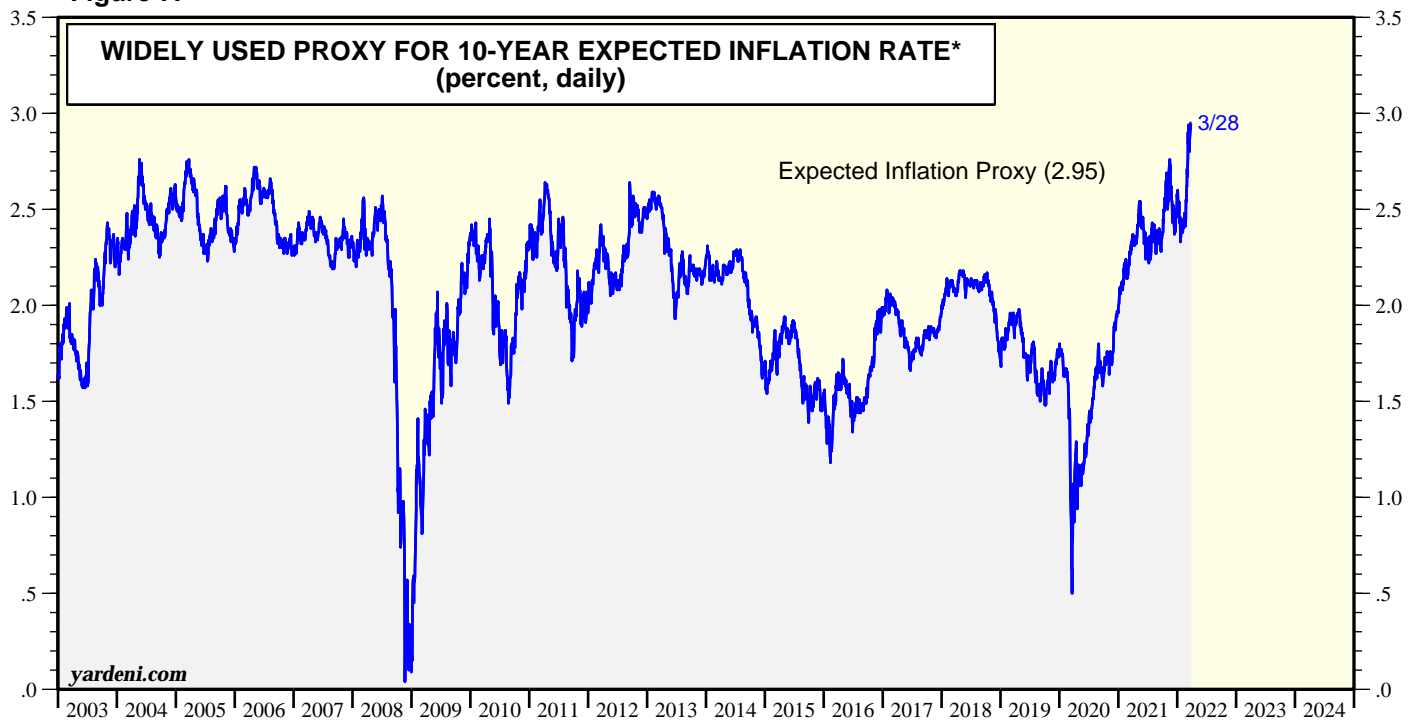
* Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research. Weekly from 1951 to 1982, daily thereafter.
 Source: Commodity Research Bureau.

Figure 6.



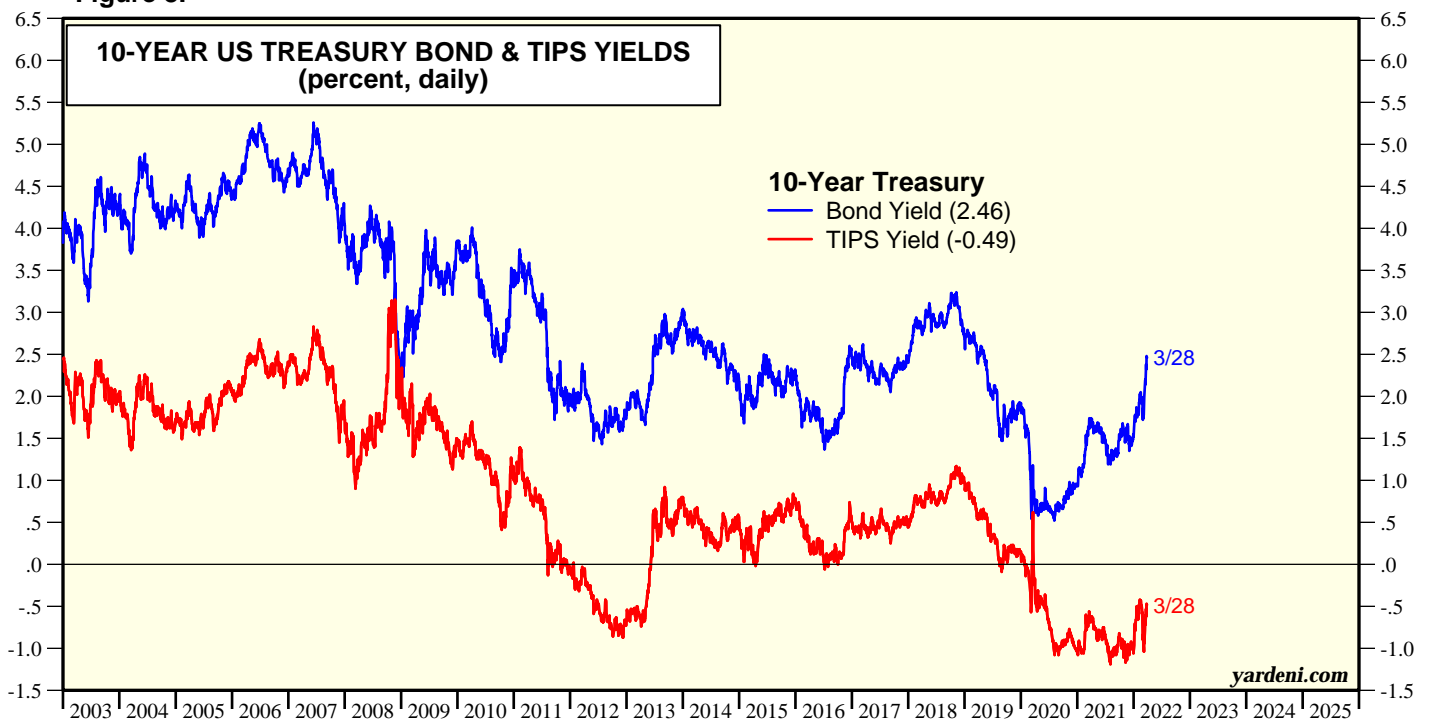
* Includes scrap copper, lead scrap, steel scrap, tin, and zinc.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 7.



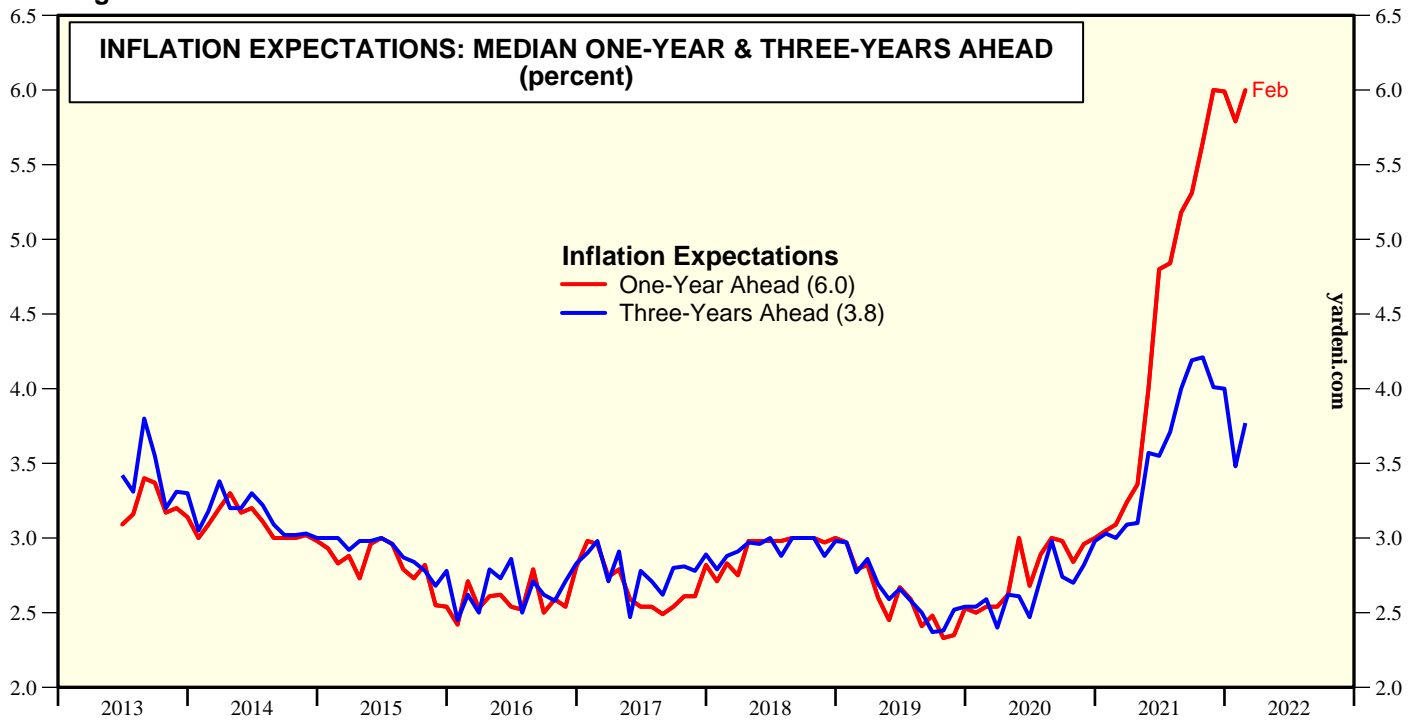
* Nominal 10-year US Treasury bond yield minus 10-year TIPS yield.
Source: Federal Reserve Board.

Figure 8.



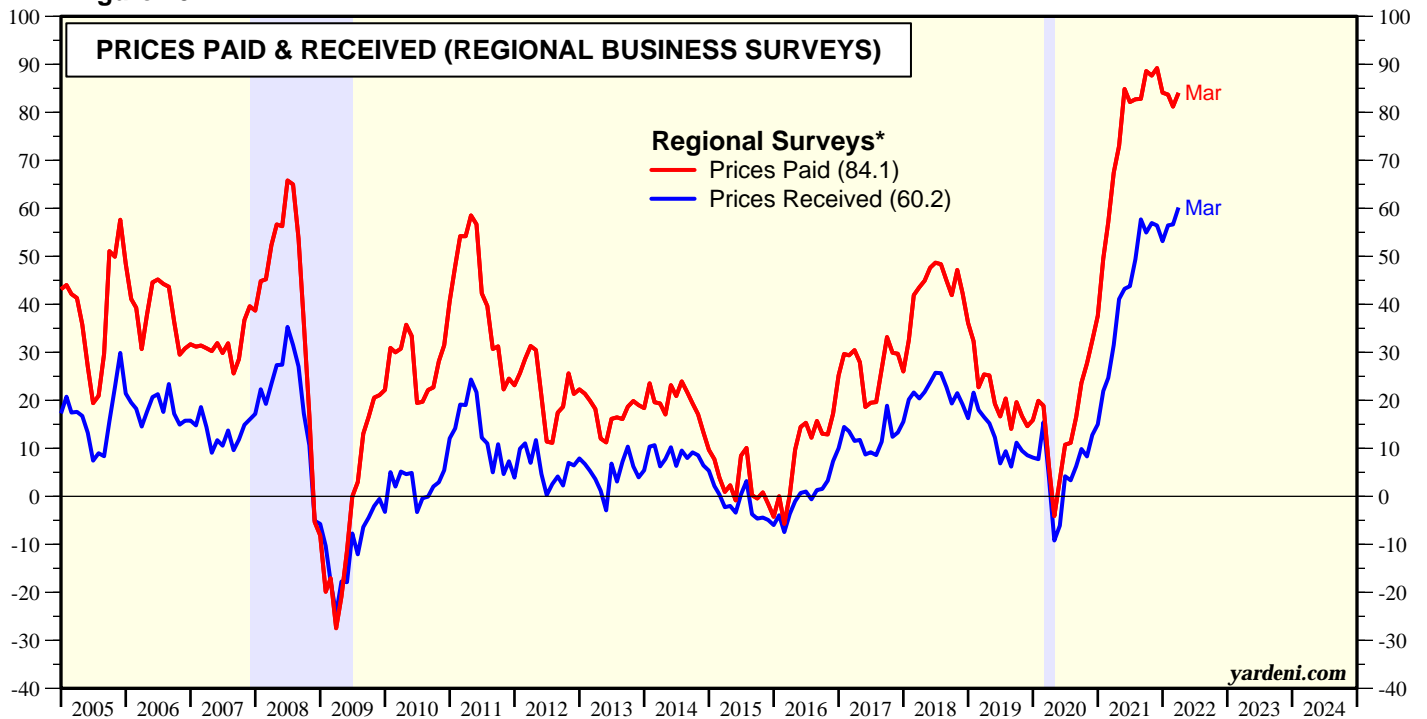
Source: Federal Reserve Board.

Figure 9.



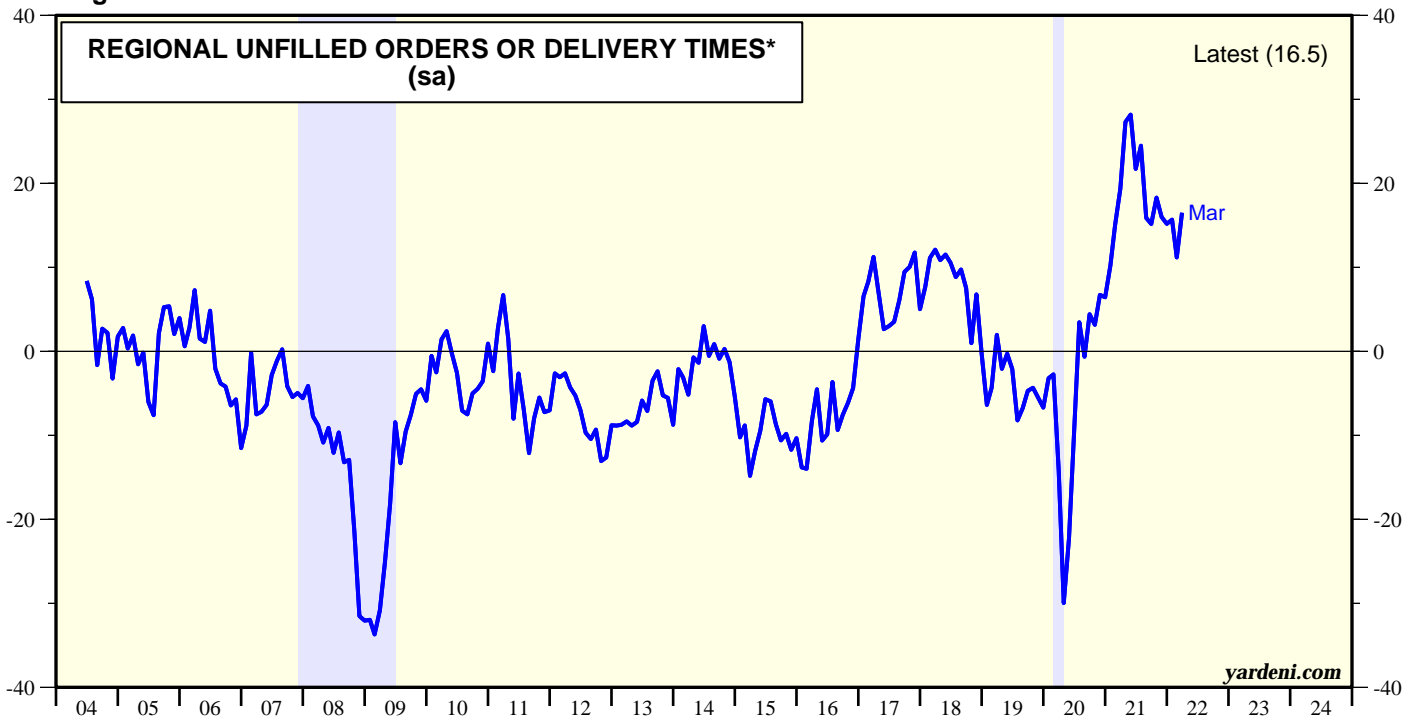
Source: Federal Reserve Bank of New York.

Figure 10.



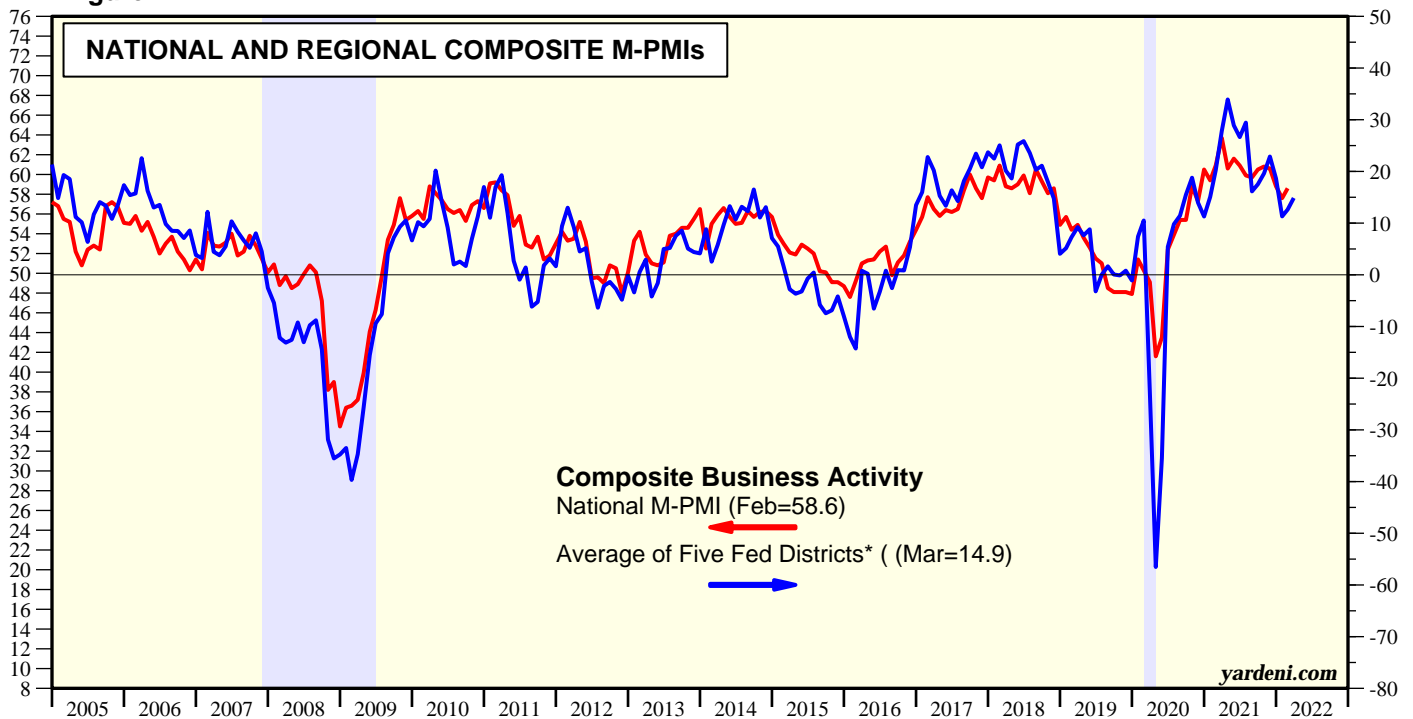
* Average of prices paid and received in surveys conducted by Dallas, Kansas City, New York, Philly, and Richmond Fed district banks. Richmond prices are not diffusion indexes, but rather average annualized inflation rates. They are multiplied by 10 in this chart for easier comparisons to other regional diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond.

Figure 11.



* Average of New York, Philadelphia, Richmond, Dallas, and Kansas City.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 12.



* Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York and Philadelphia, Institute for Supply Management.

Figure 13.

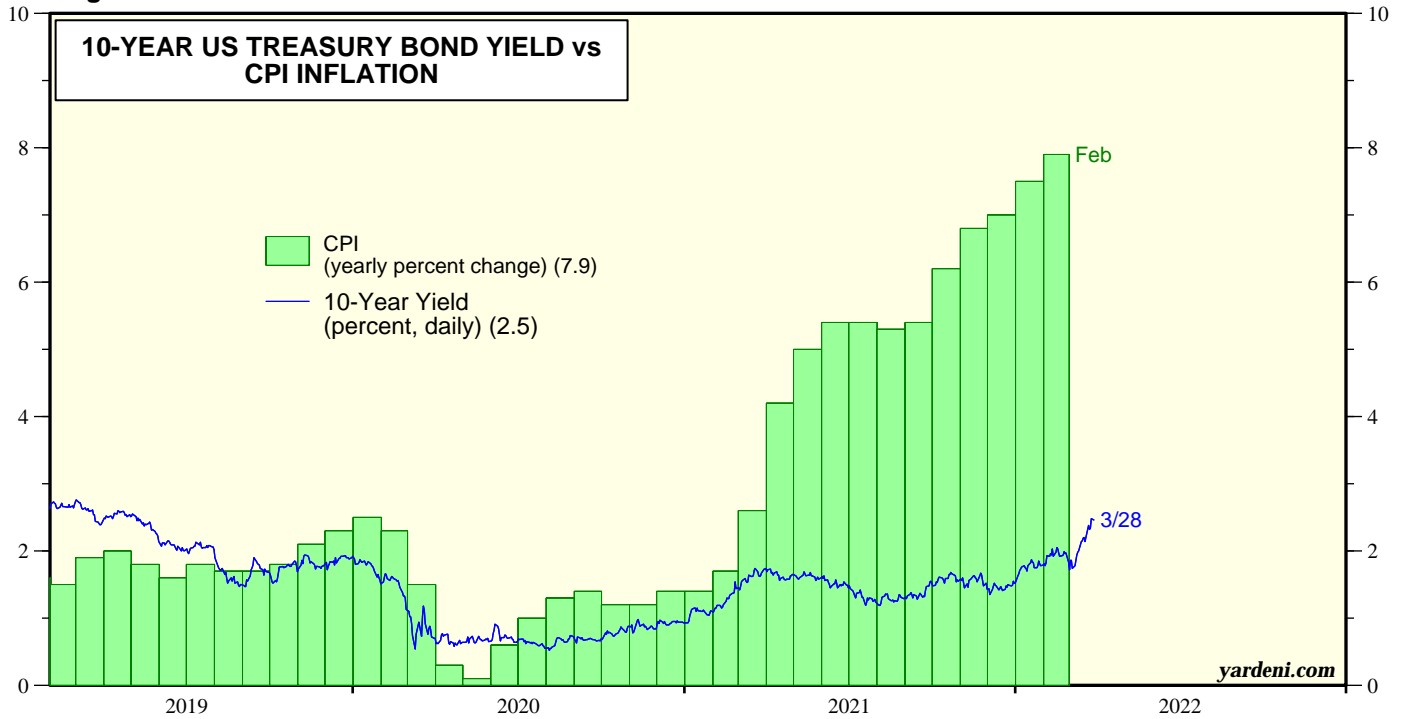


Figure 14.

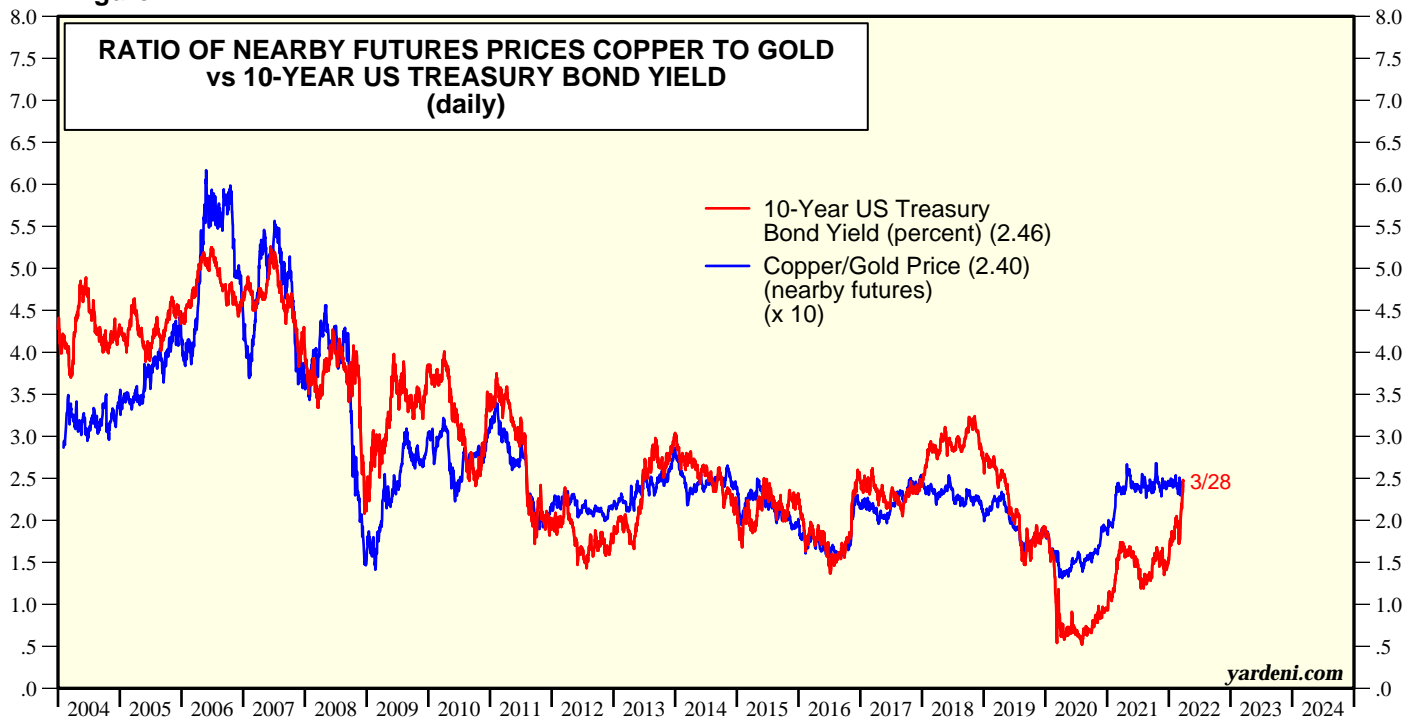
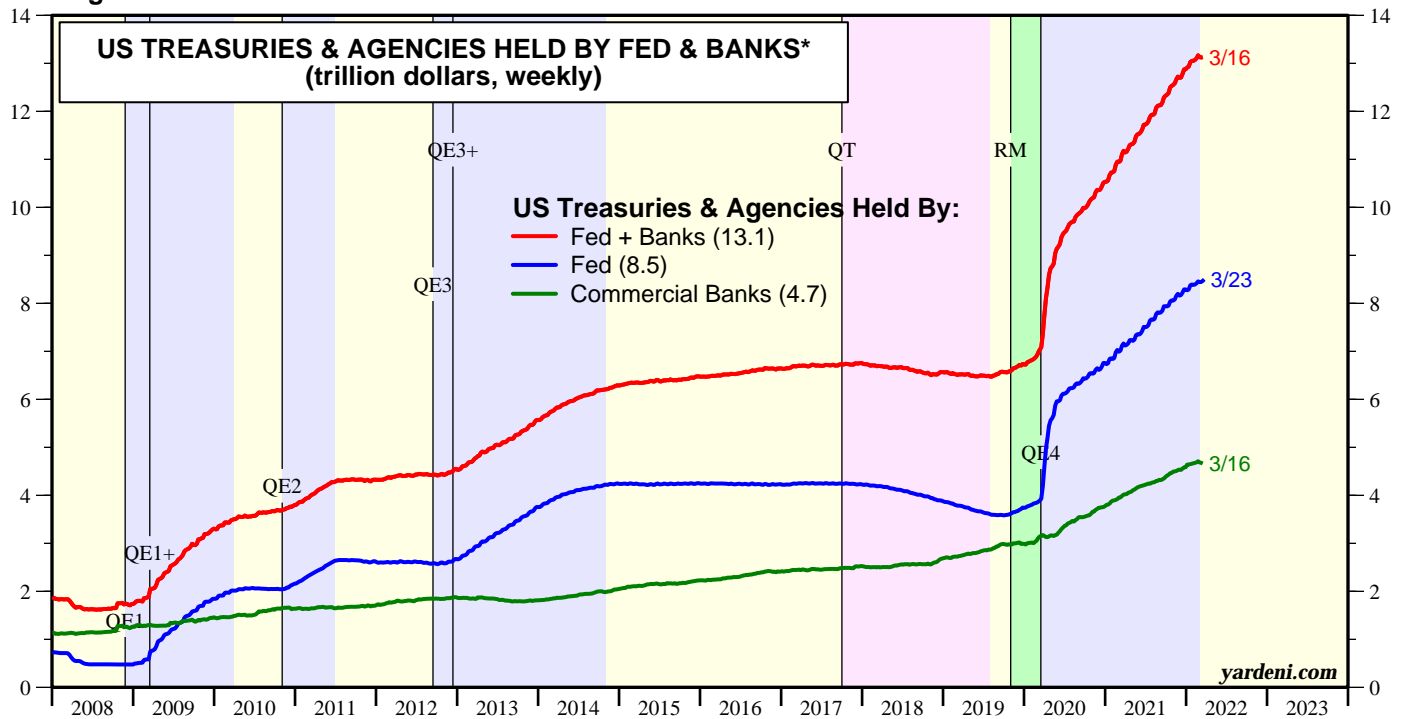
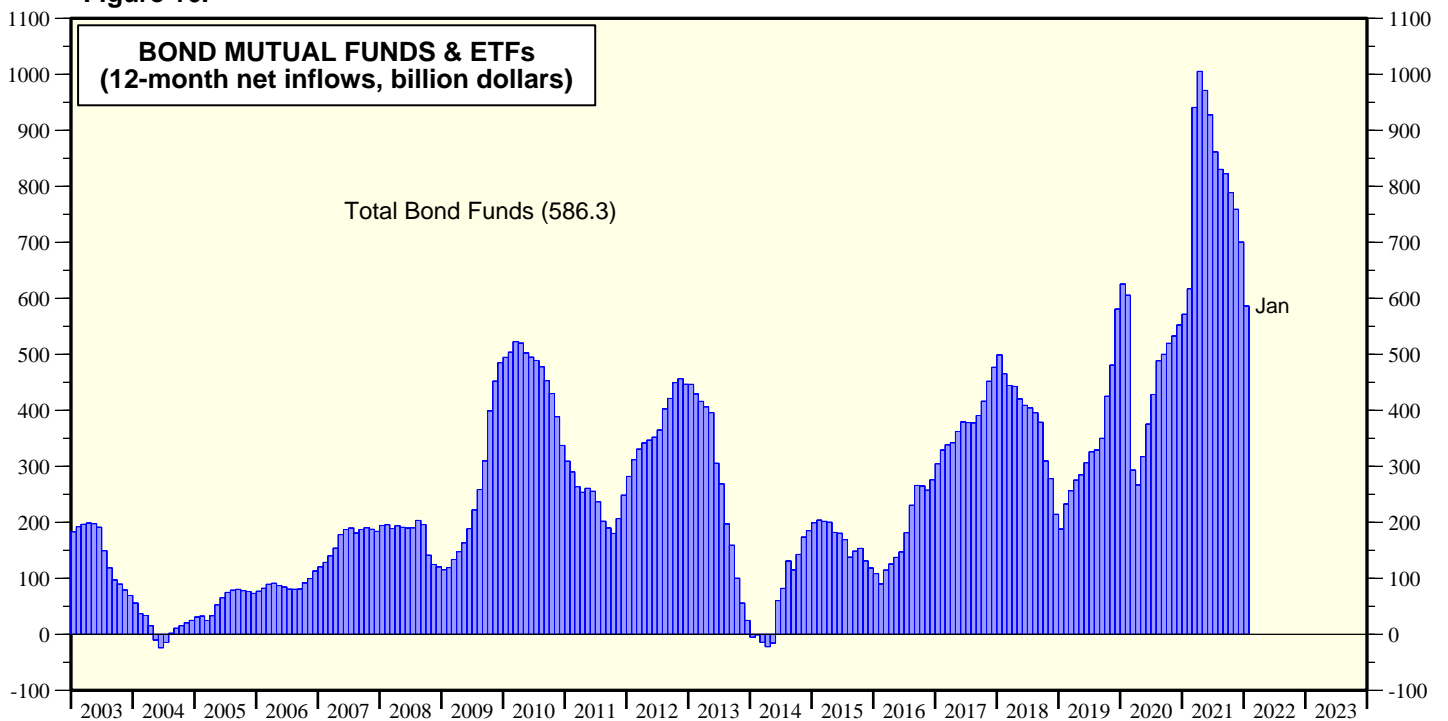


Figure 15.



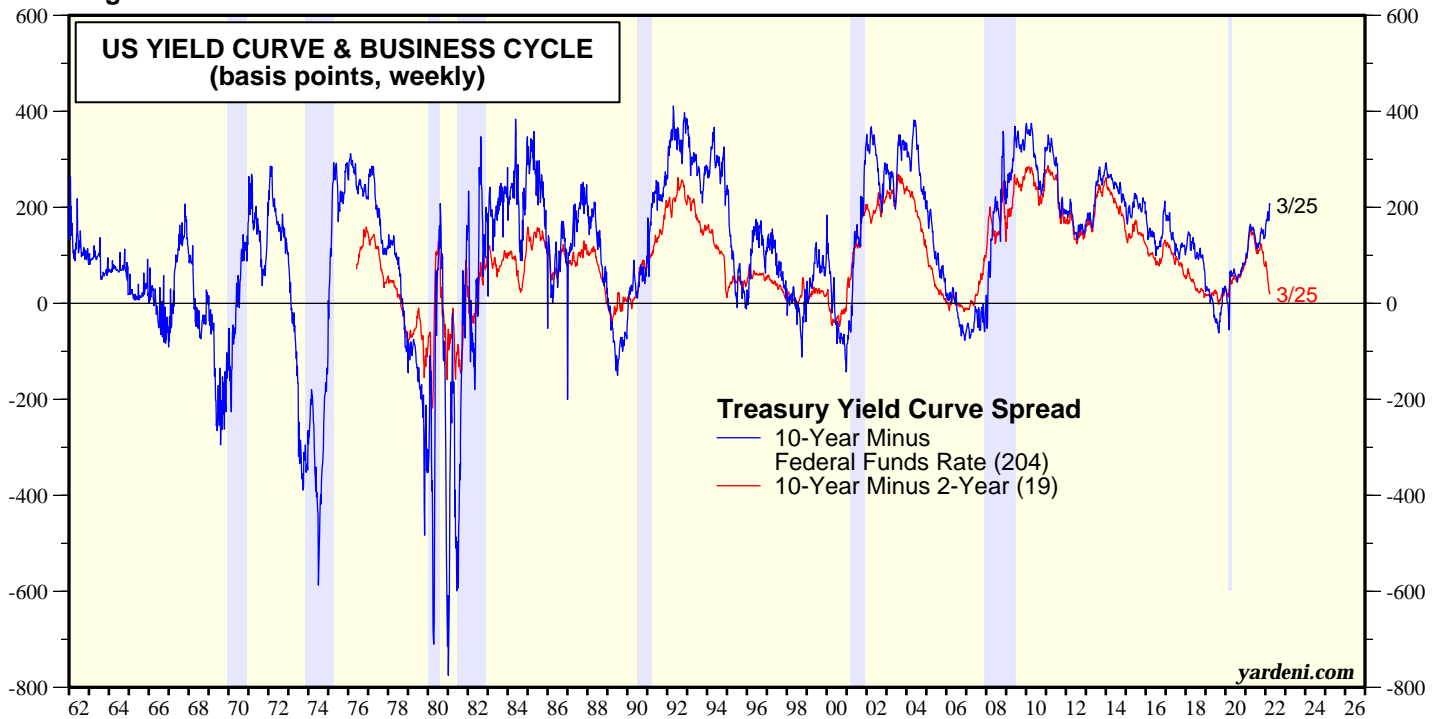
Note: QE1 (11/25/08-3/31/10) = \$1.24tn in mortgage securities; expanded (3/16/09-3/31/10) = \$300bn in Treasuries. QE2 (11/3/10-6/30/11) = \$600bn in Treasuries. QE3 (9/13/12-10/29/14) = \$40bn/month in mortgage securities (open ended); expanded (12/12/12-10/1/14) = \$45bn/month in Treasuries. QT (10/1/17-7/31/19) = balance sheet pared by \$675bn. RM (11/1/19-3/15/20) = reserve management, \$60bn/month in Treasury bills. QE4 (3/16/20-infinity).
 * Fed data are averages of daily figures for weeks ending Wednesday. Source: Federal Reserve Board.

Figure 16.



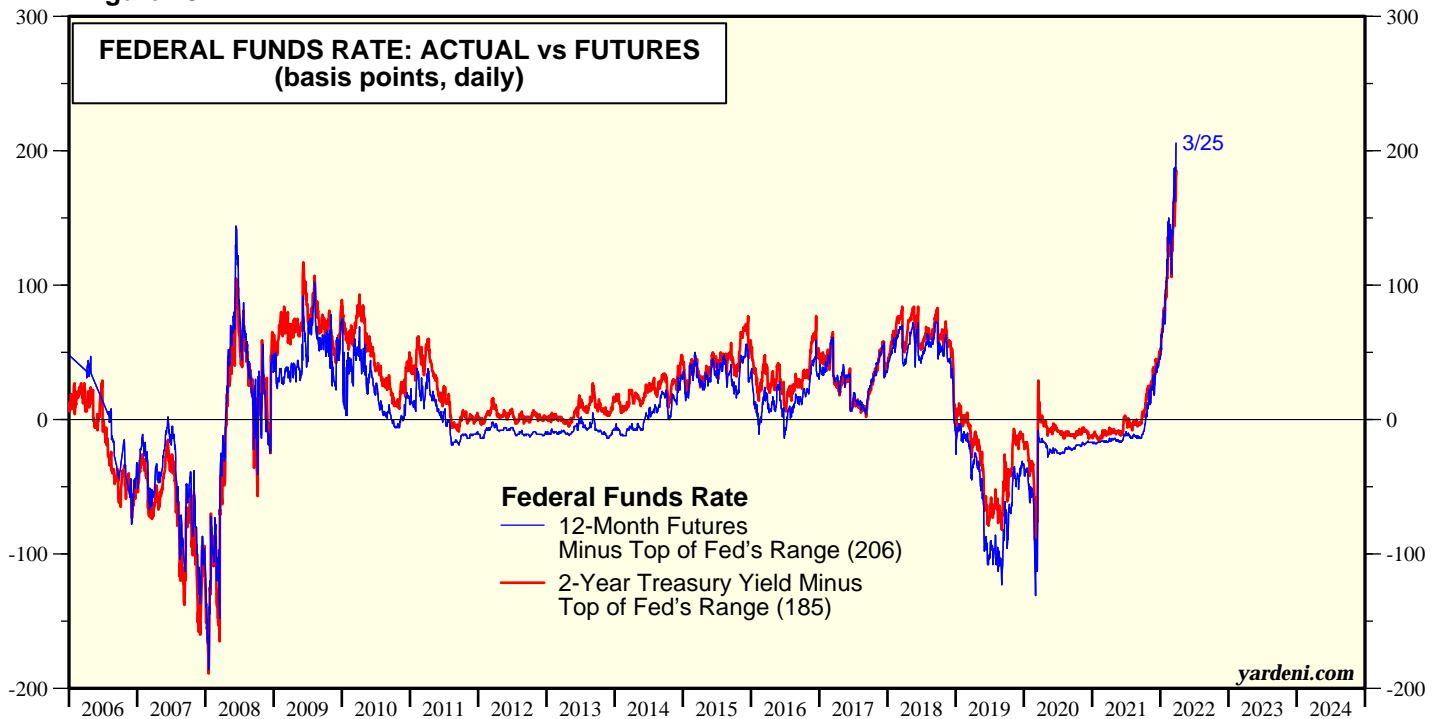
Source: Investment Company Institute.

Figure 17.



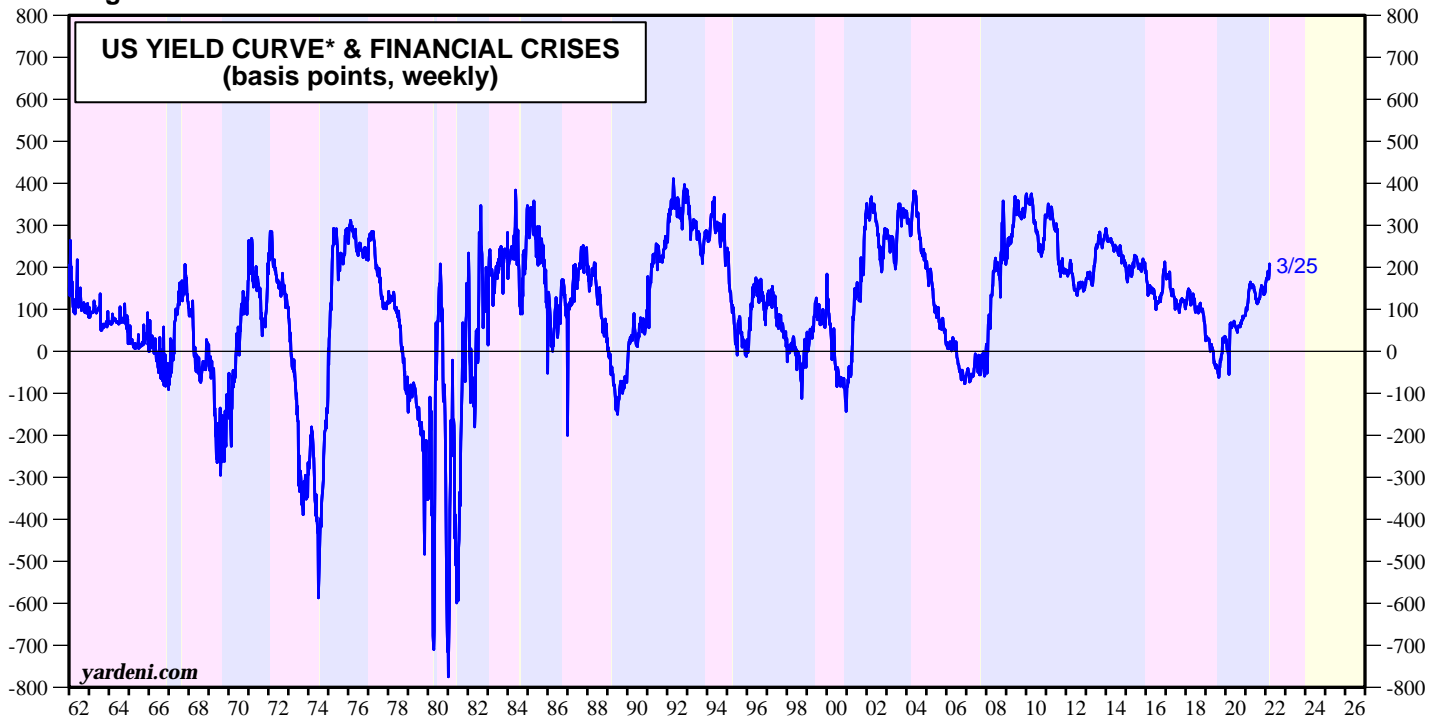
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Board.

Figure 18.



Source: Chicago Mercantile Exchange and Federal Reserve Board.

Figure 19.



* 10-year US Treasury yield less federal funds rate.
Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods
Source: Federal Reserve Board.

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