

Zoom Charts

Yardeni Research, Inc.

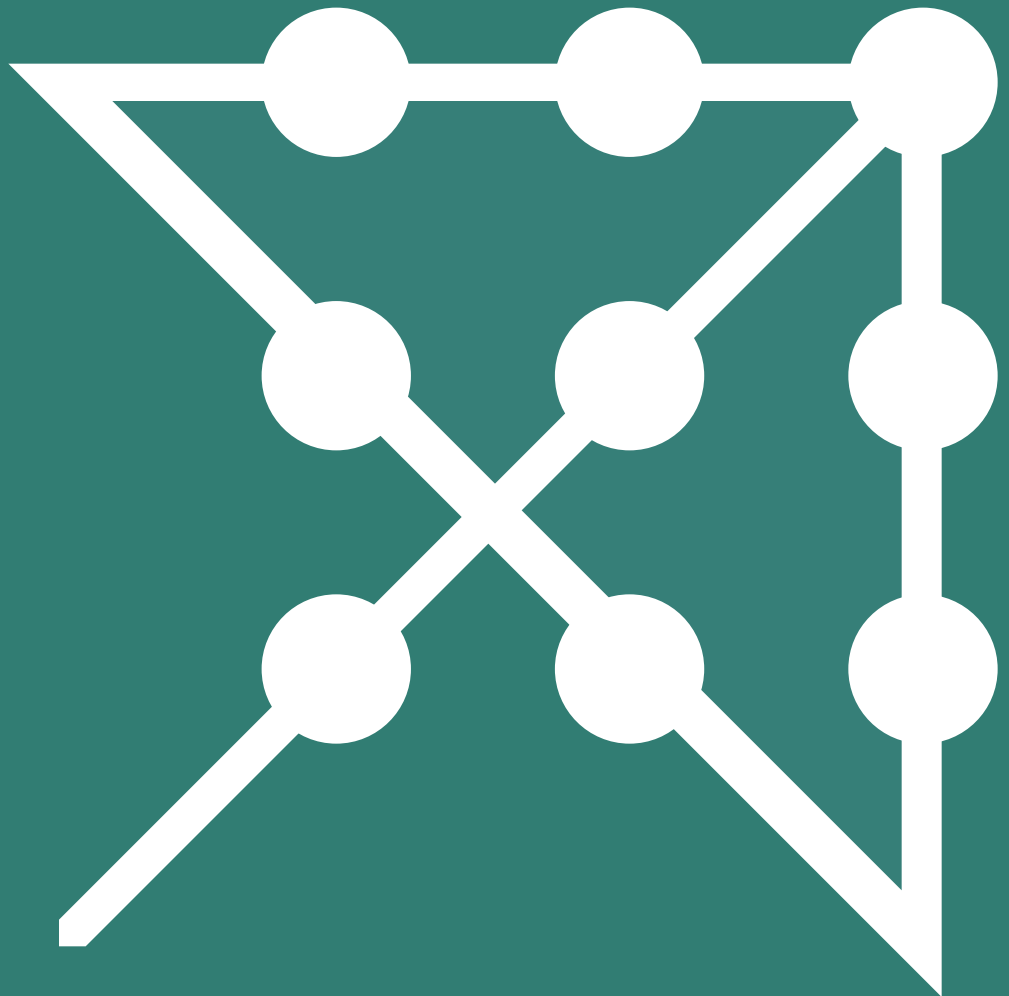
December 30, 2023

Dr. Edward Yardeni

516-972-7683

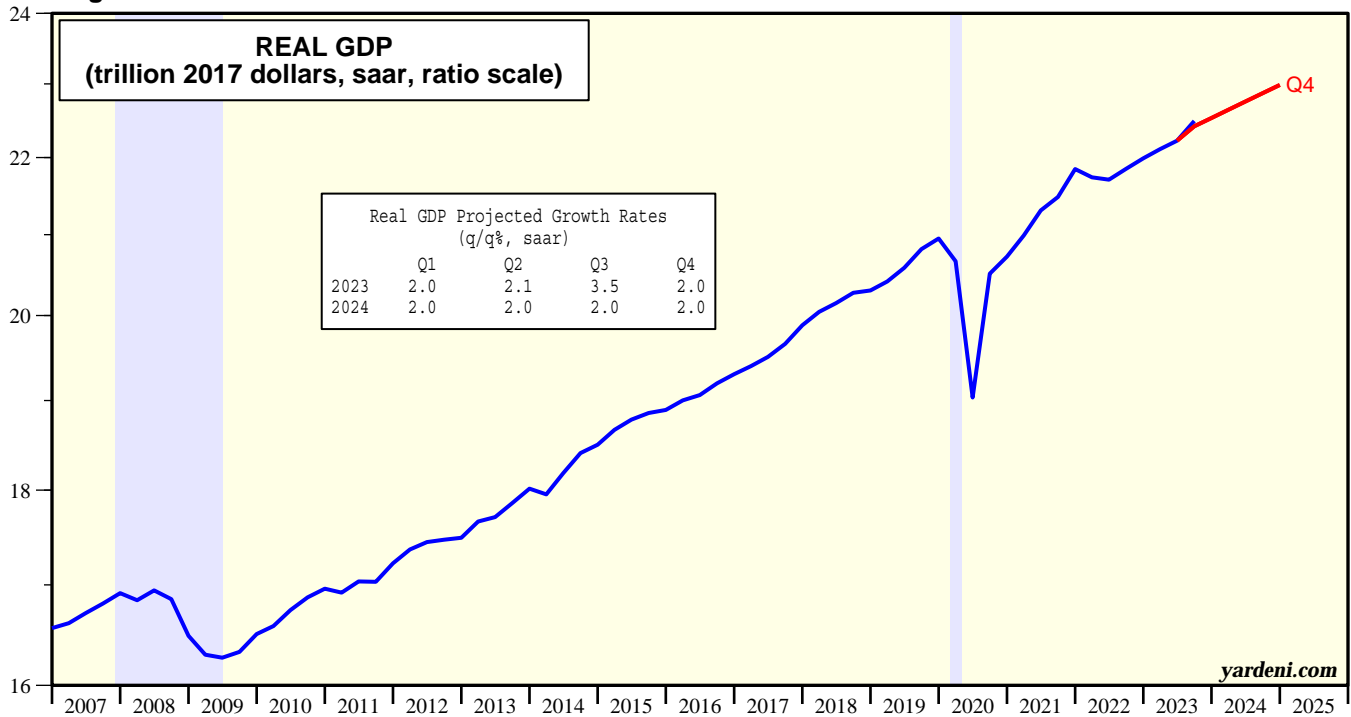
eyardeni@yardeni.com

Please visit our sites at
www.yardeni.com
blog.yardeni.com



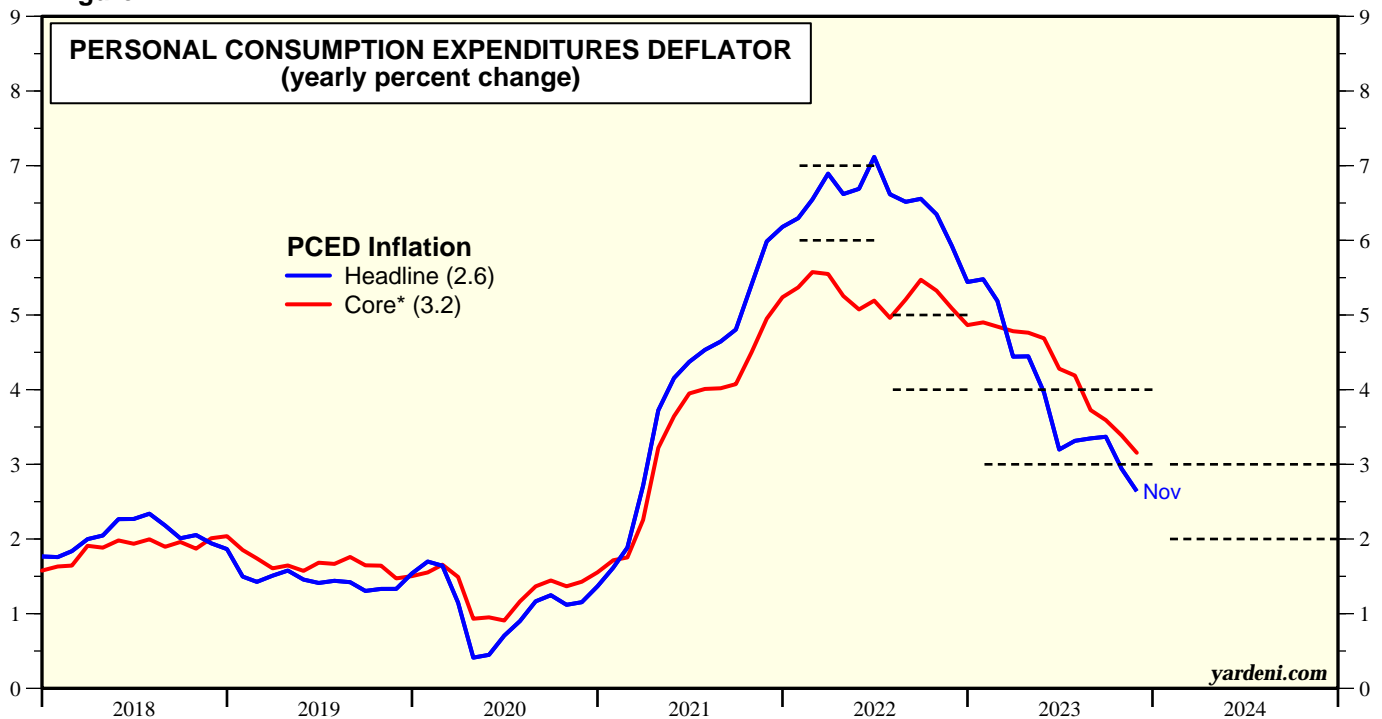
thinking outside the box

Figure 1.



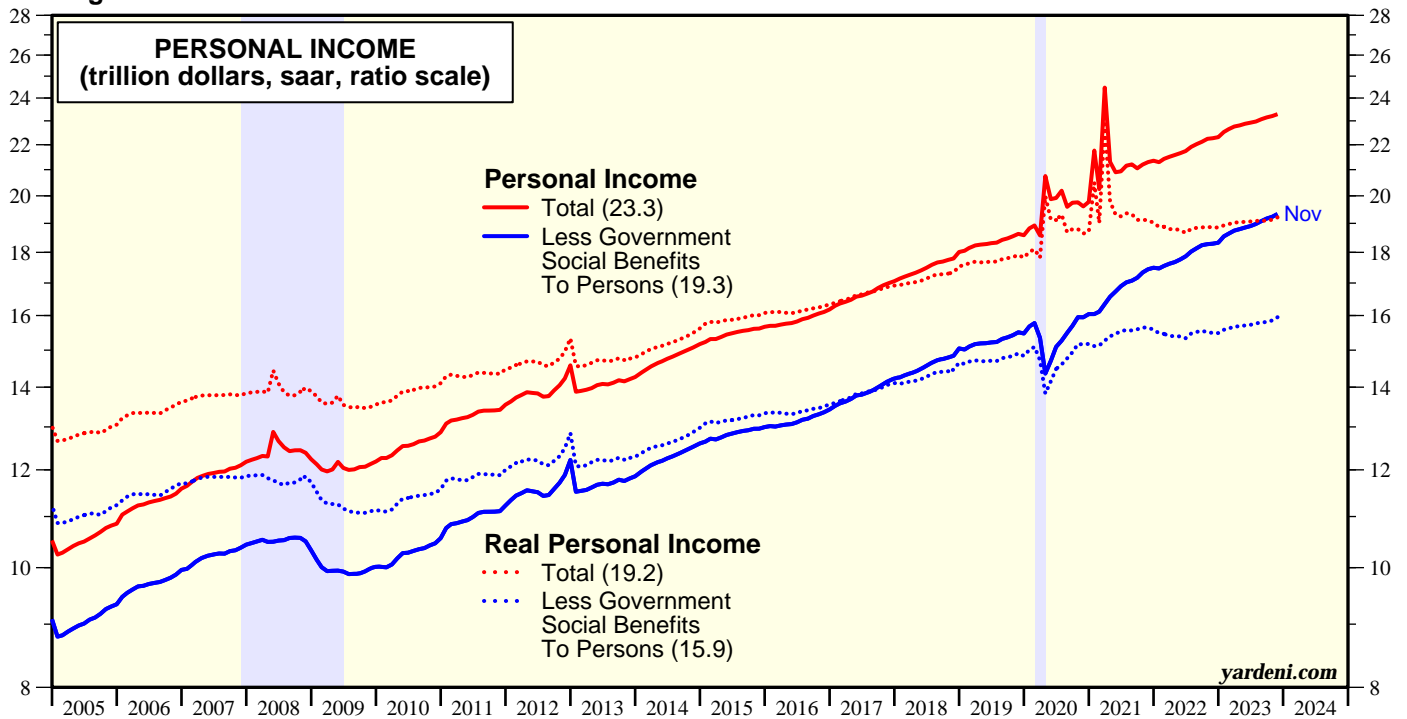
* Red line is YRI forecast for Q2-2022 through Q4-2023.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Economic Analysis.

Figure 2.



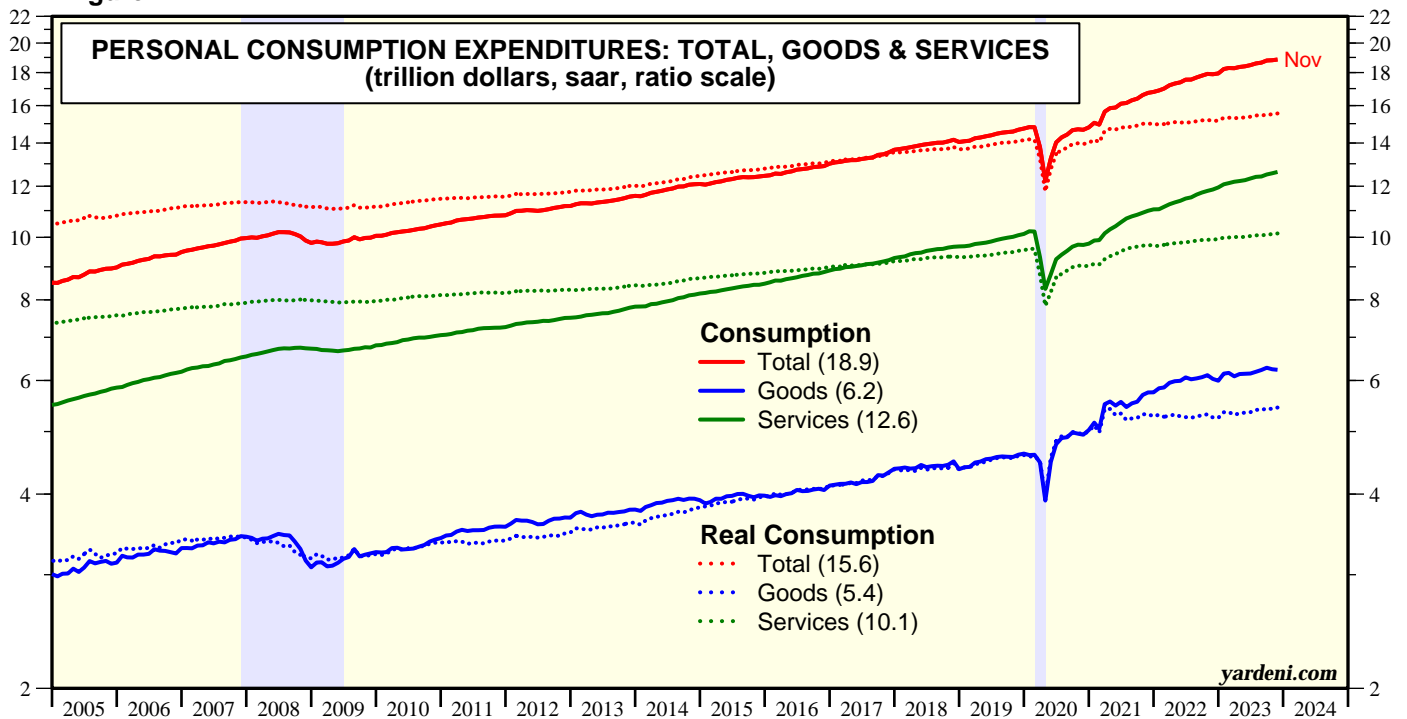
* Excluding food & energy.
 Note: Dashed ranges are YRI forecasts for both headline and core PCED inflation rates.
 Source: Bureau of Economic Analysis.

Figure 3.



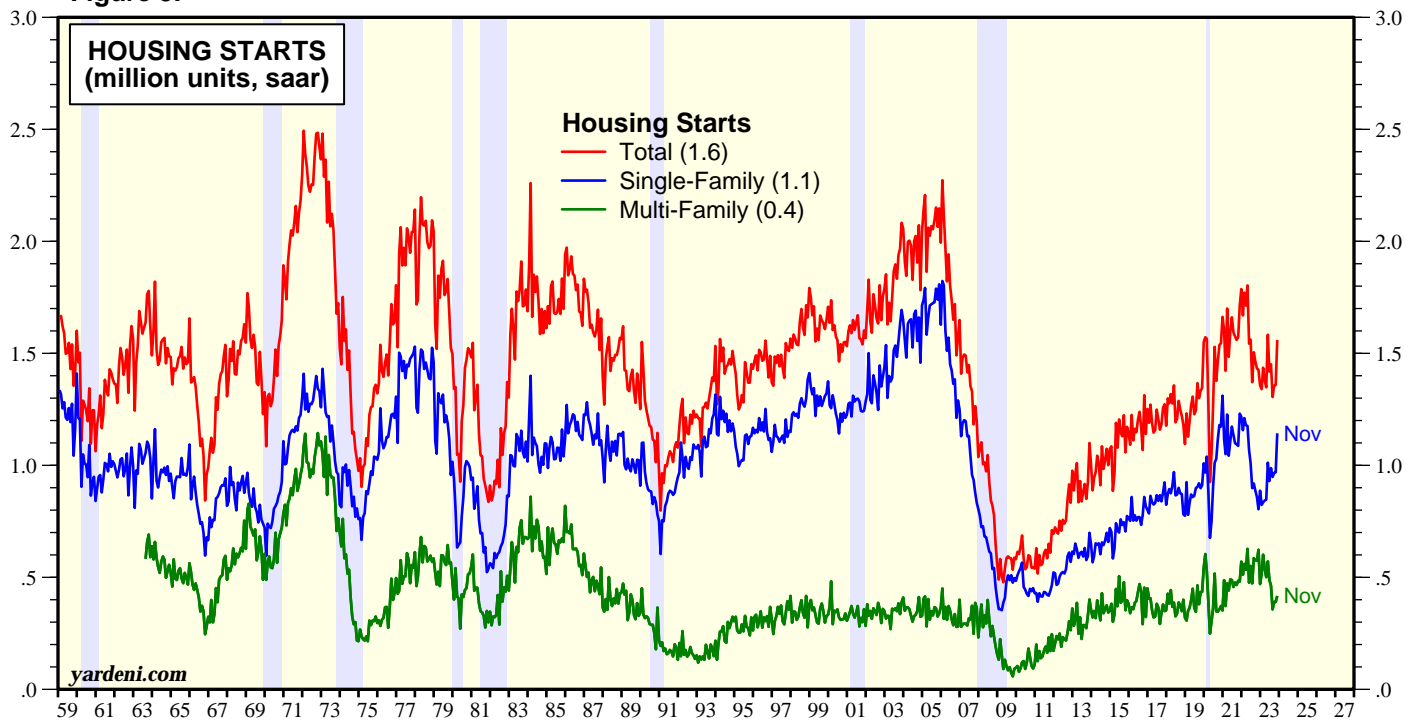
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Economic Analysis.

Figure 4.



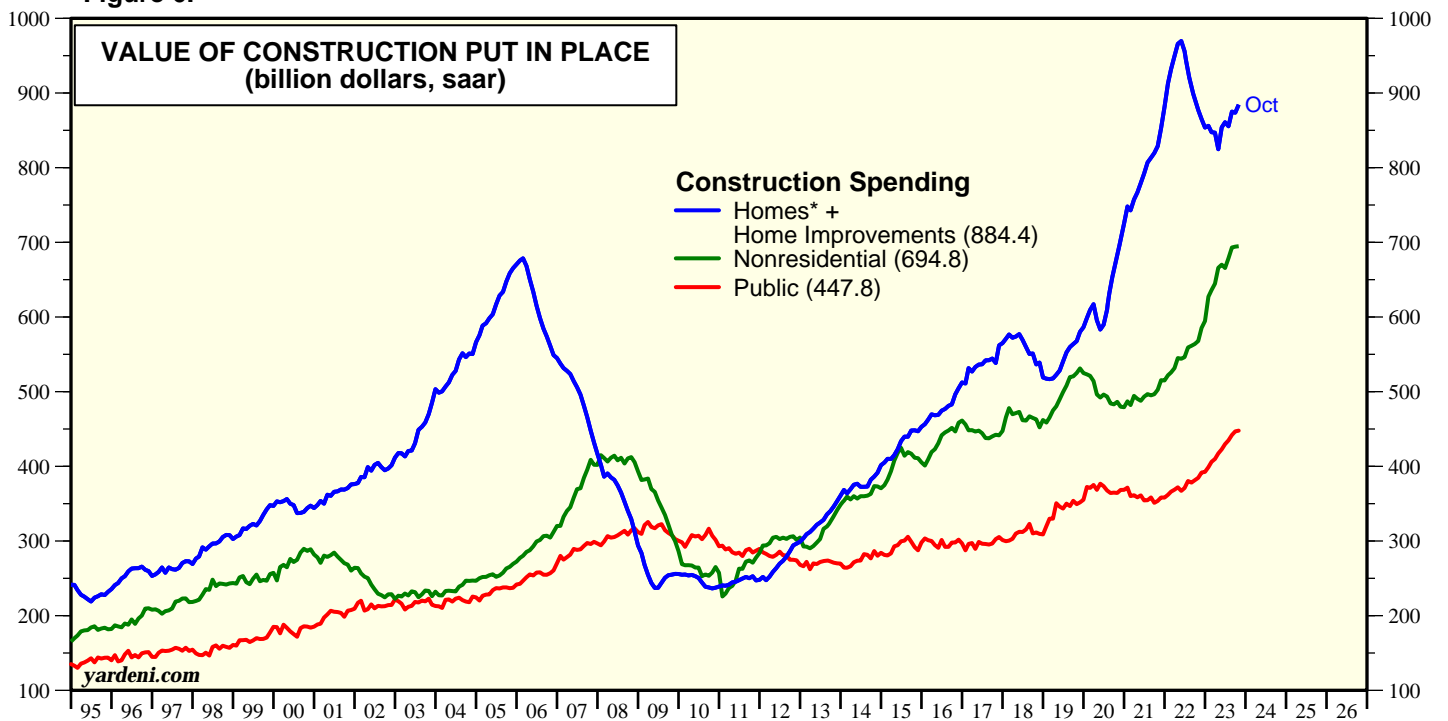
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Economic Analysis.

Figure 5.



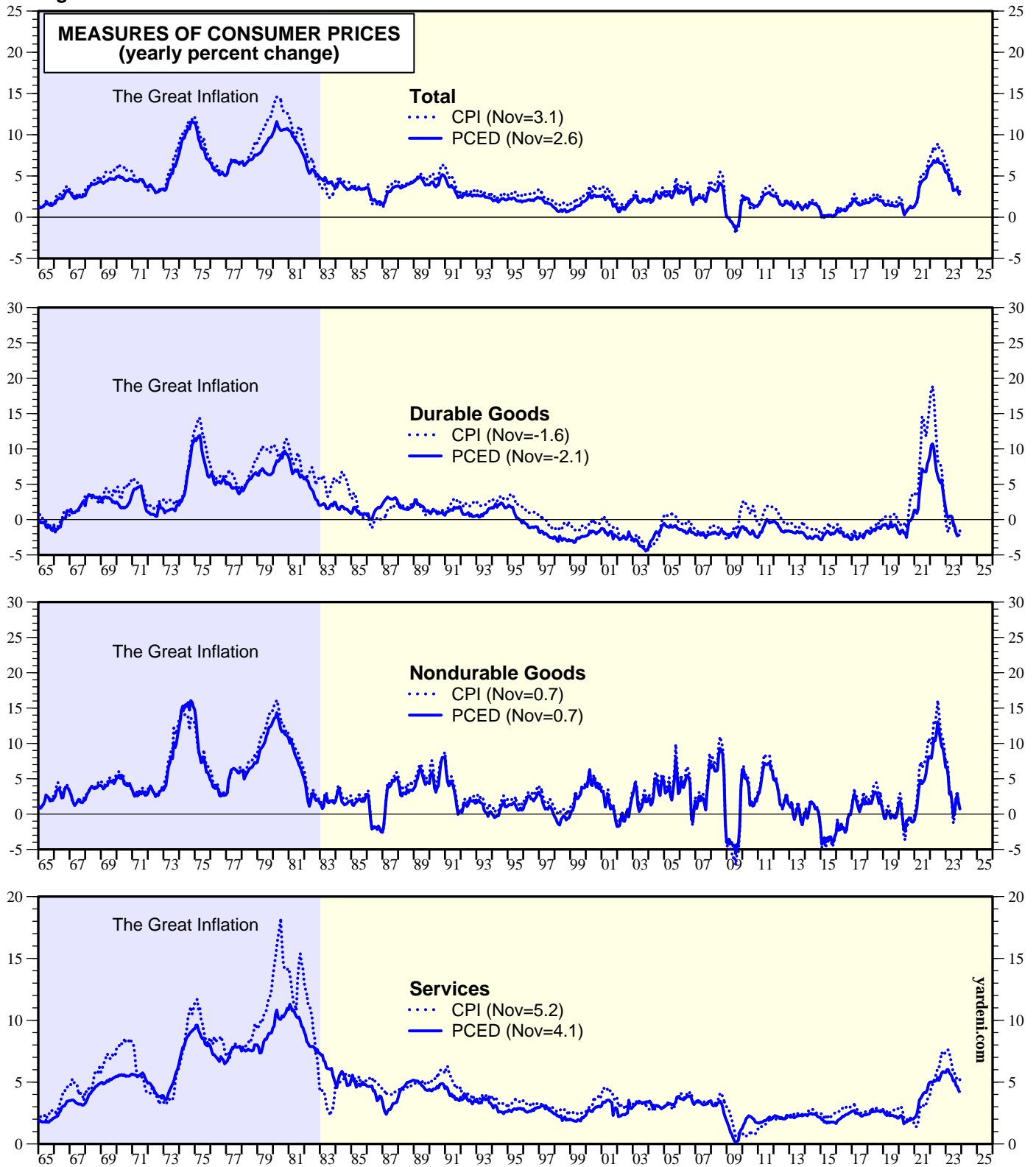
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Census Bureau.

Figure 6.



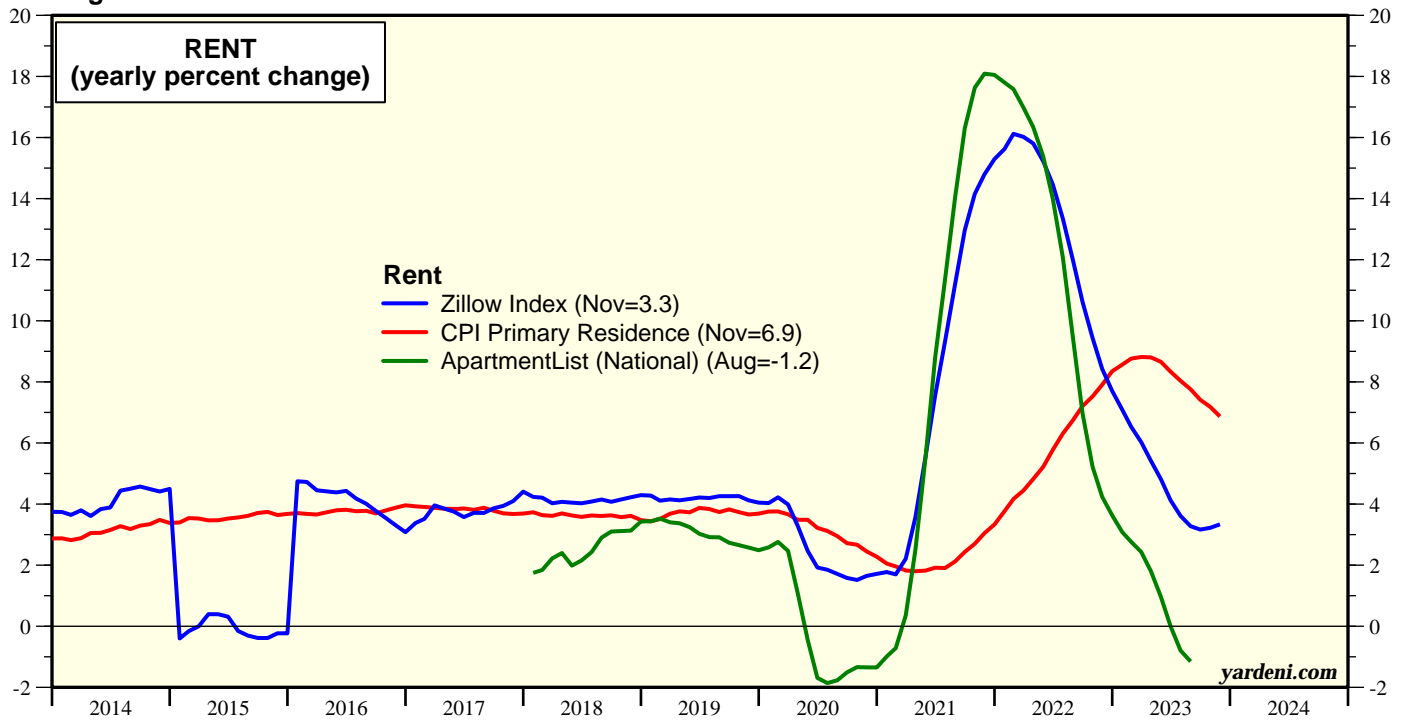
* Includes single-family and multi-family homes.
Source: Census Bureau.

Figure 7.



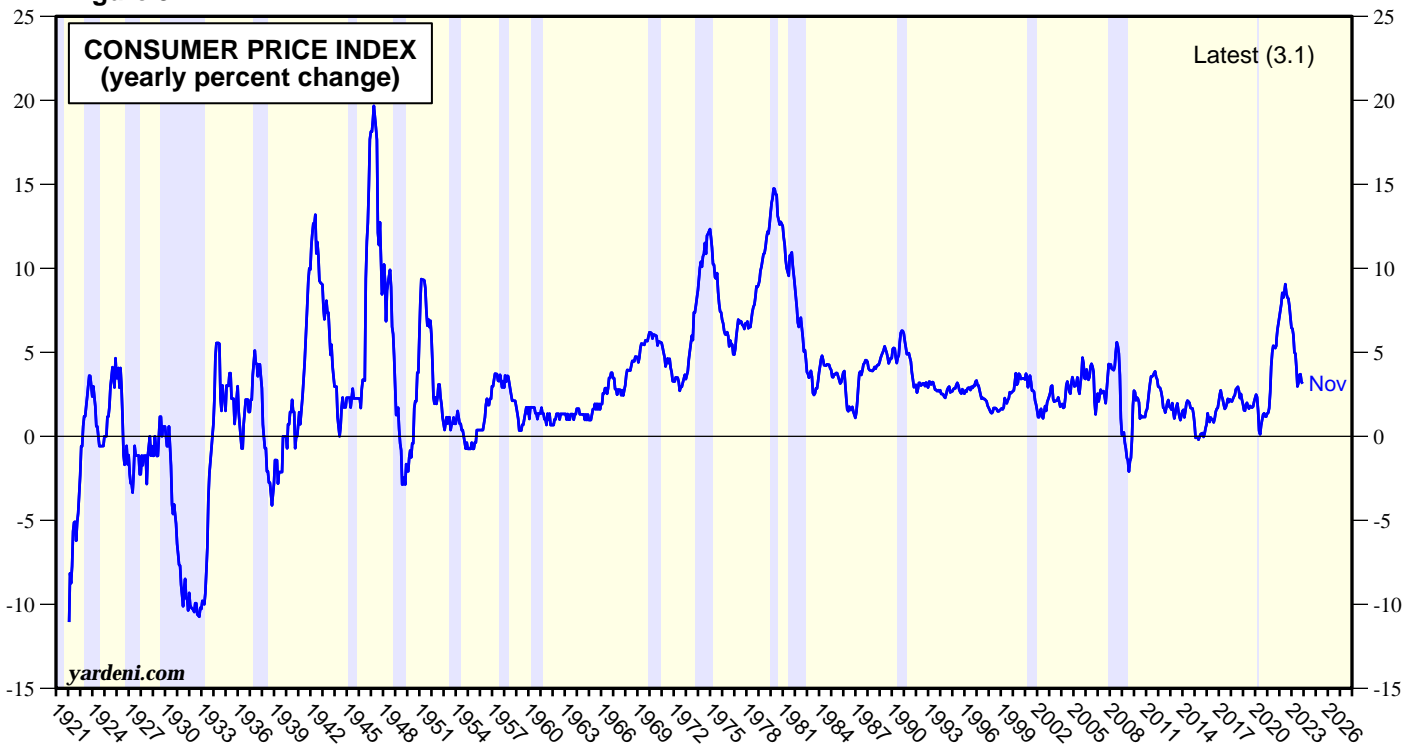
Source: Bureau of Labor Statistics and Bureau of Economic Analysis.

Figure 8.



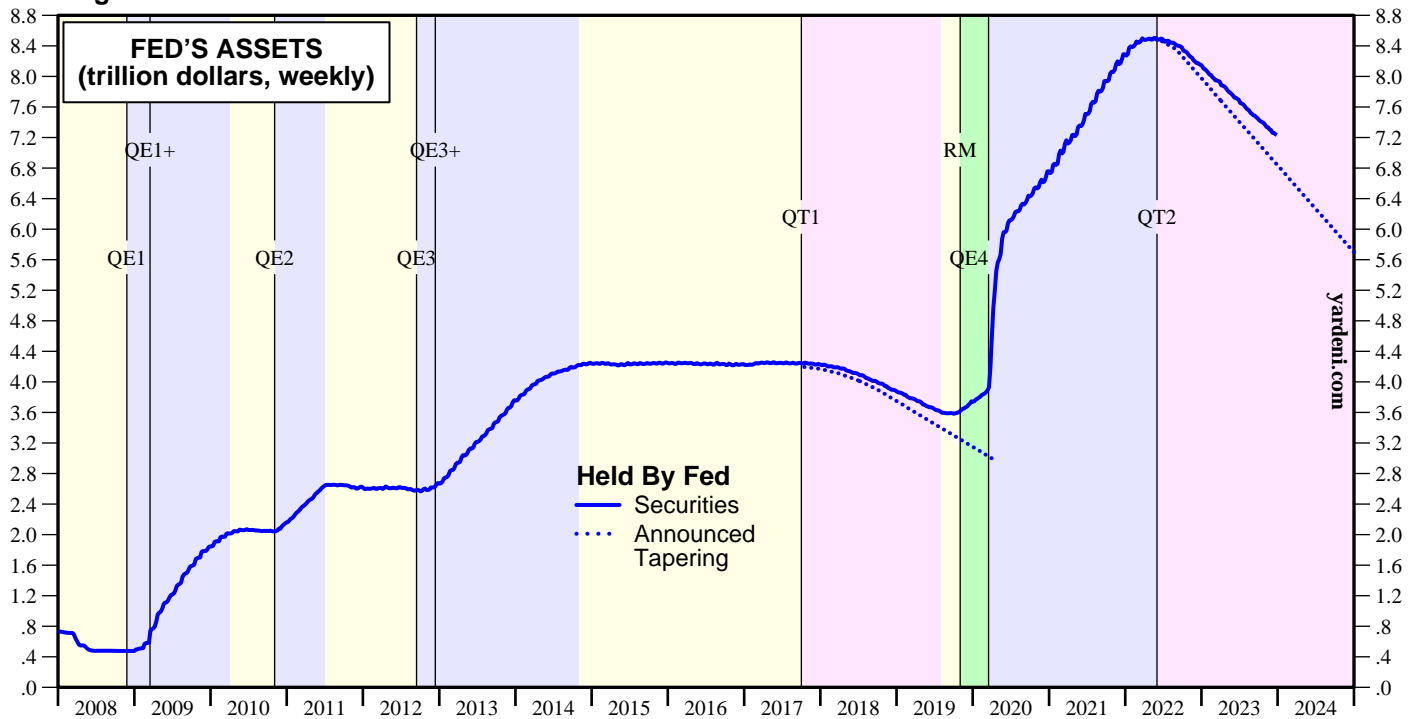
Source: Zillow, ApartmentList, and Bureau of Labor Statistics.

Figure 9.



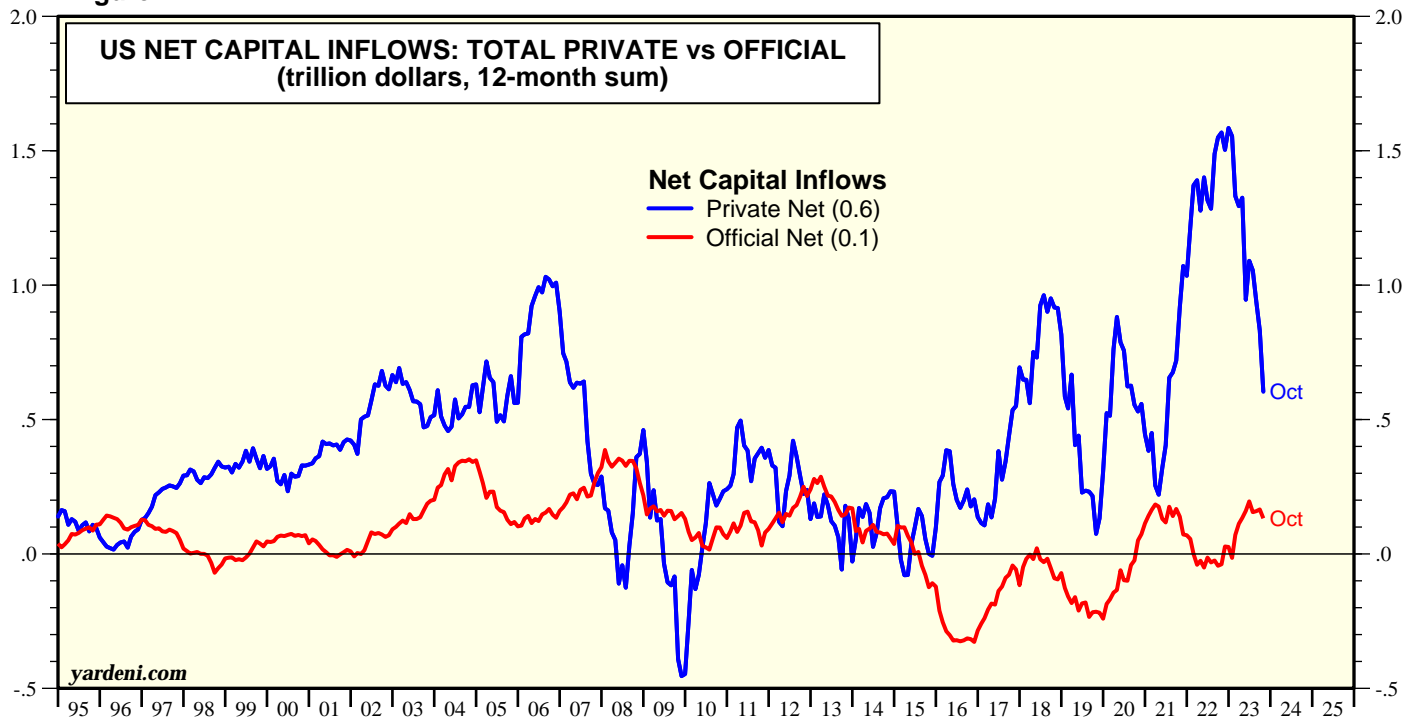
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Labor Statistics.

Figure 10.



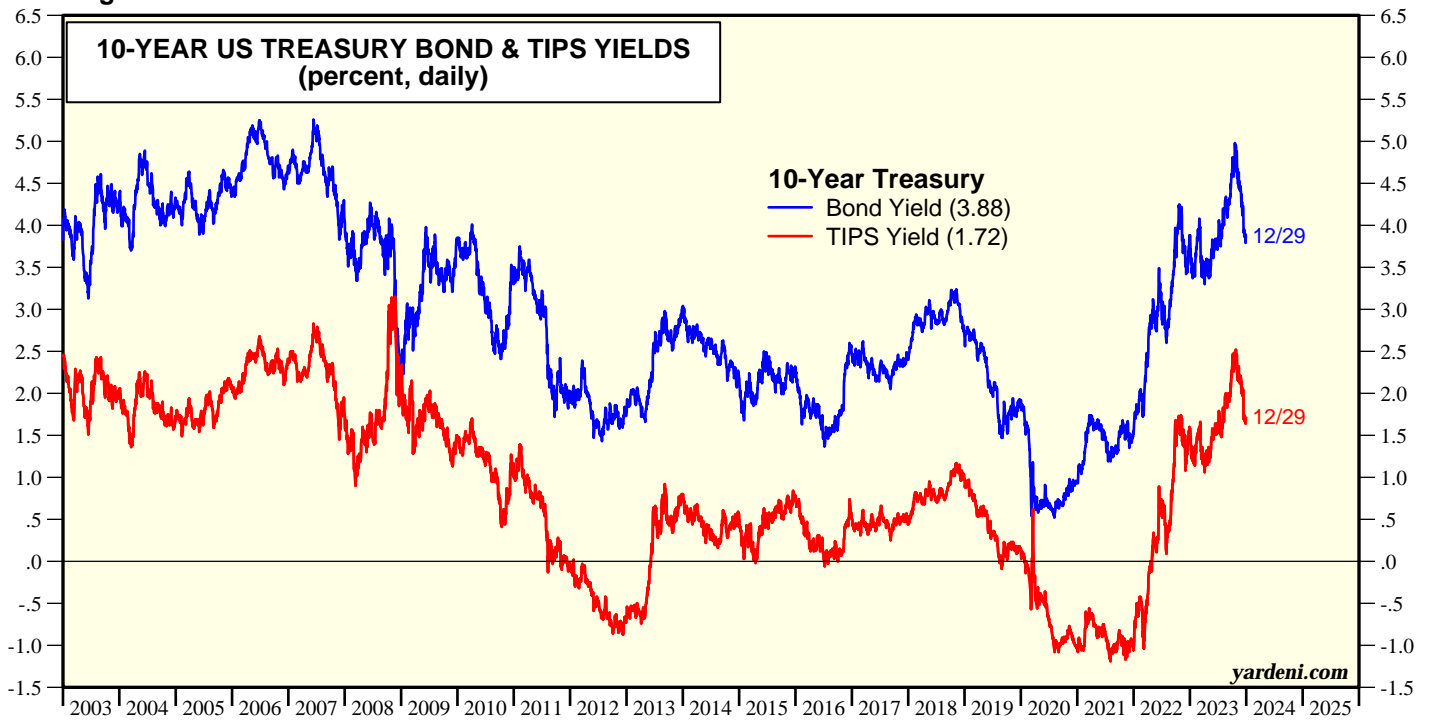
Note: QE1 (11/25/08-3/31/10) = \$1.24tn in mortgage securities; expanded (3/16/09-3/31/10) = \$300bn in Treasuries. QE2 (11/3/10-6/30/11) = \$600bn in Treasuries. QE3 (9/13/12-10/29/14) = \$40bn/month in mortgage securities (open ended); expanded (12/12/12-10/1/14) = \$45bn/month in Treasuries. QT1 (10/1/17-7/31/19) = balance sheet pared by \$675bn. RM (11/1/19-3/15/20) = reserve management, \$60bn/month in Treasury bills. QE4 (3/16/20-infinity). QT2 = balance sheet pared by \$95 billion per month. Source: Federal Reserve Board.

Figure 11.



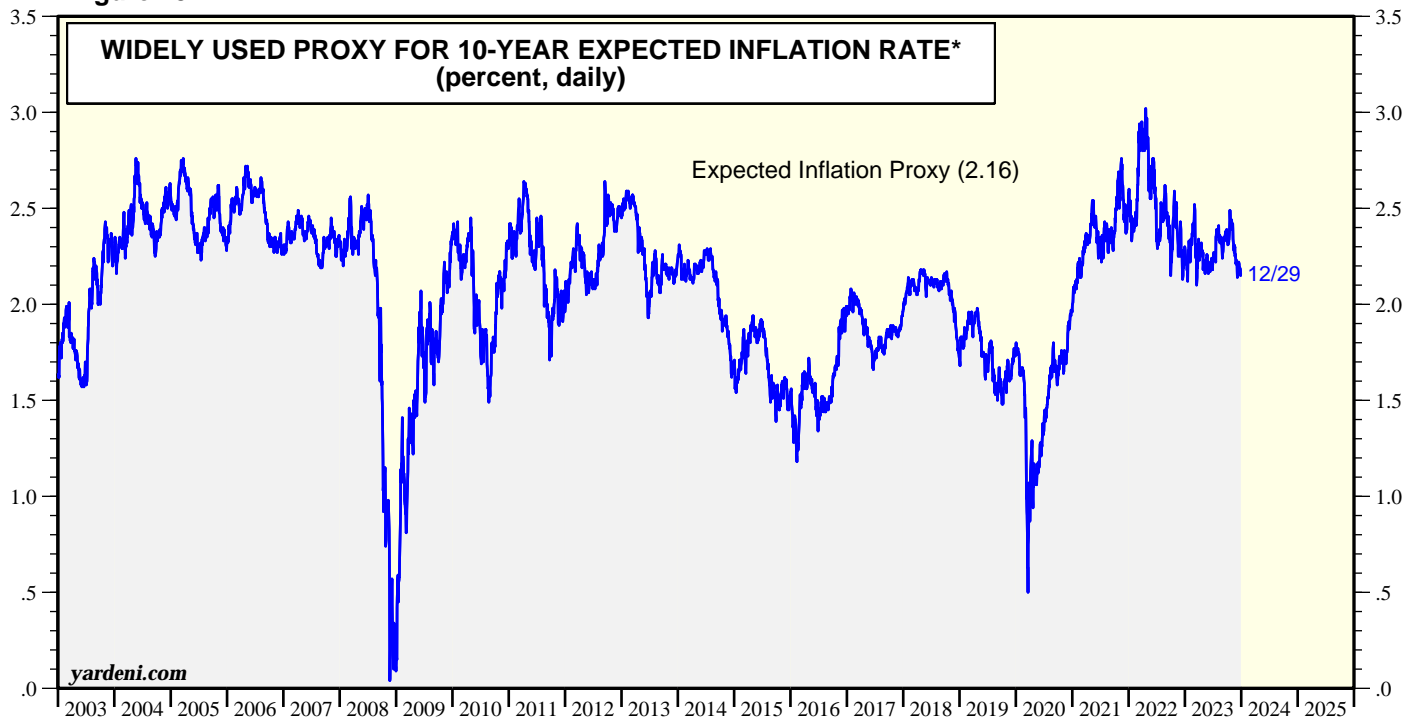
Source: US Treasury International Capital System.

Figure 12.



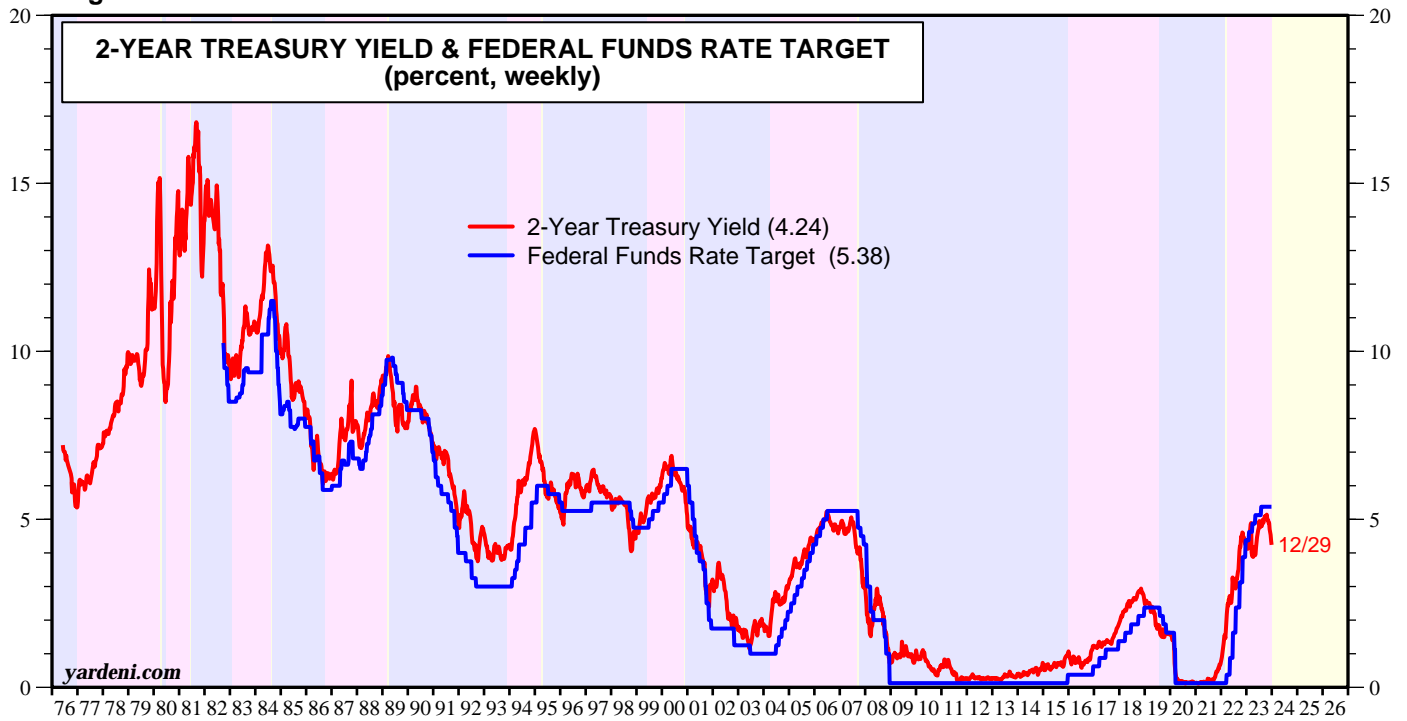
Source: Federal Reserve Board.

Figure 13.



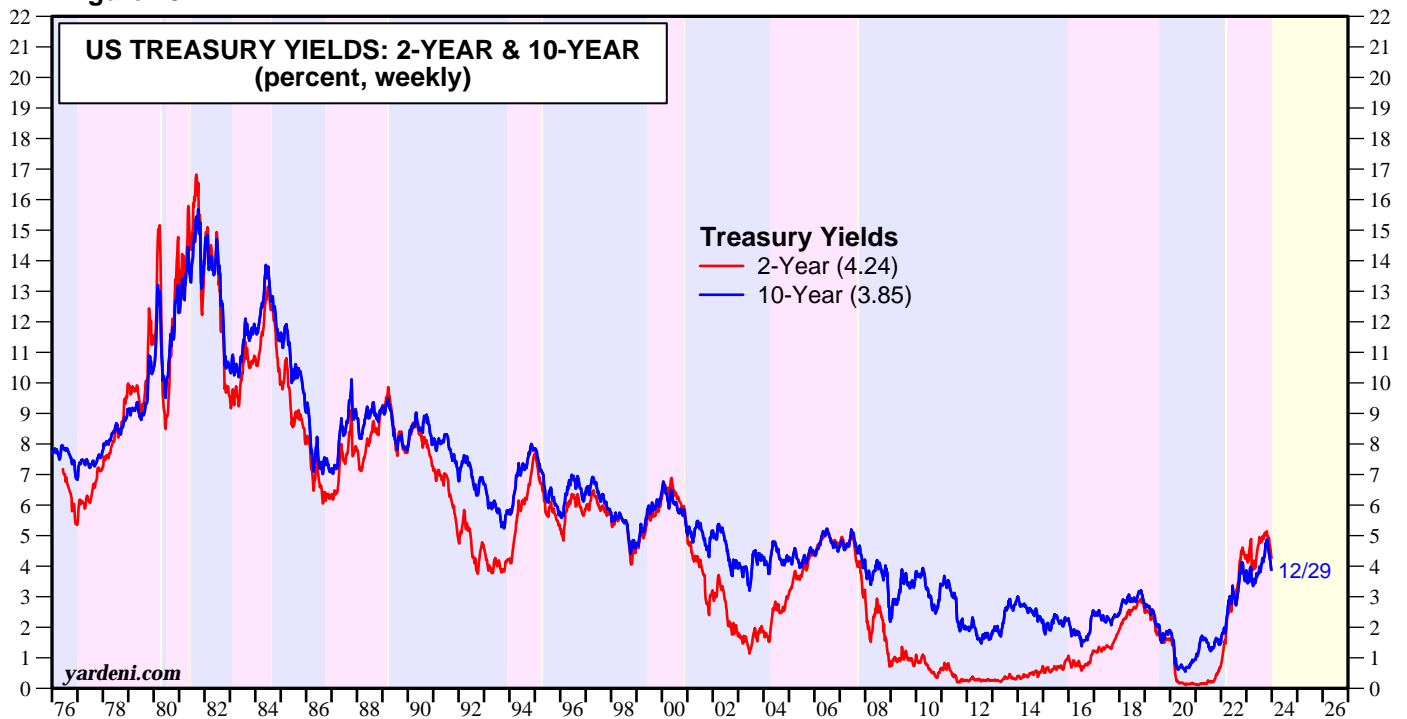
* Nominal 10-year US Treasury bond yield minus 10-year TIPS yield.
Source: Federal Reserve Board.

Figure 14.



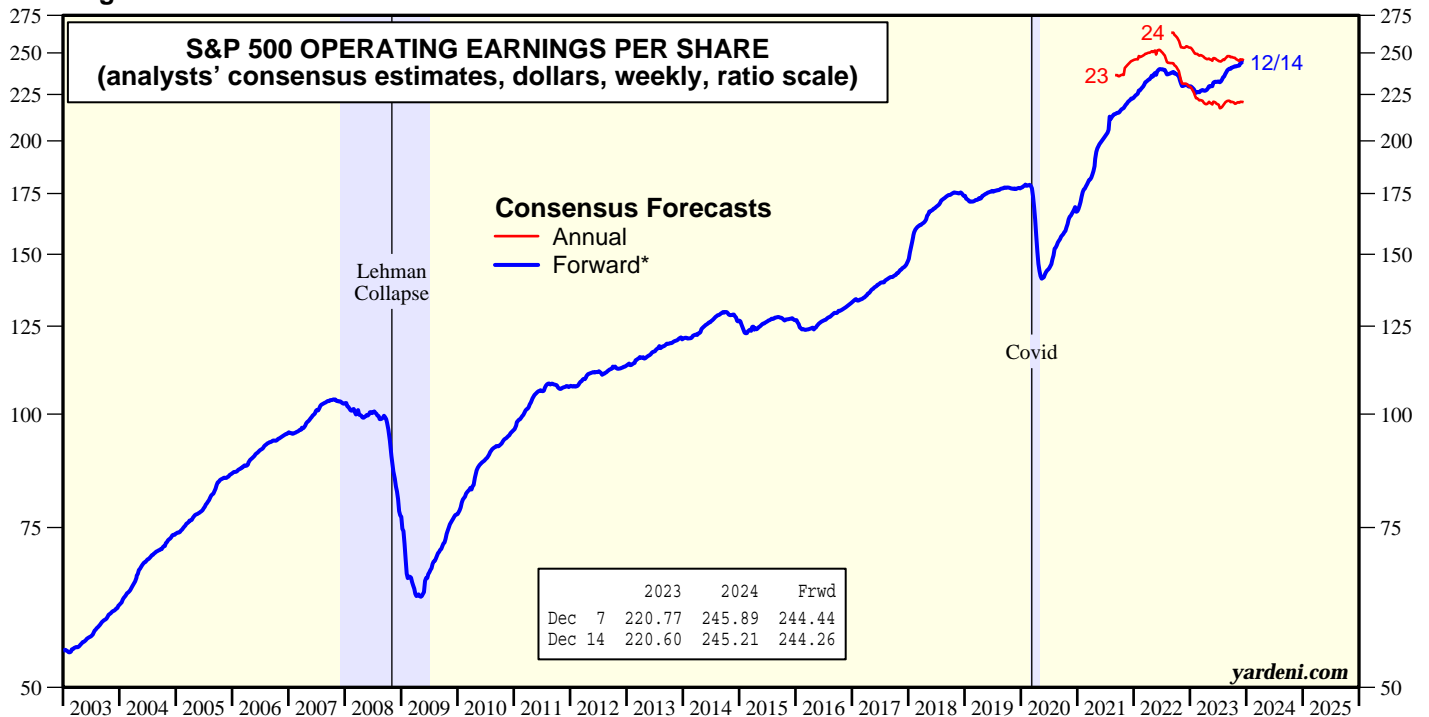
Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods.
Source: Federal Reserve Board.

Figure 15.



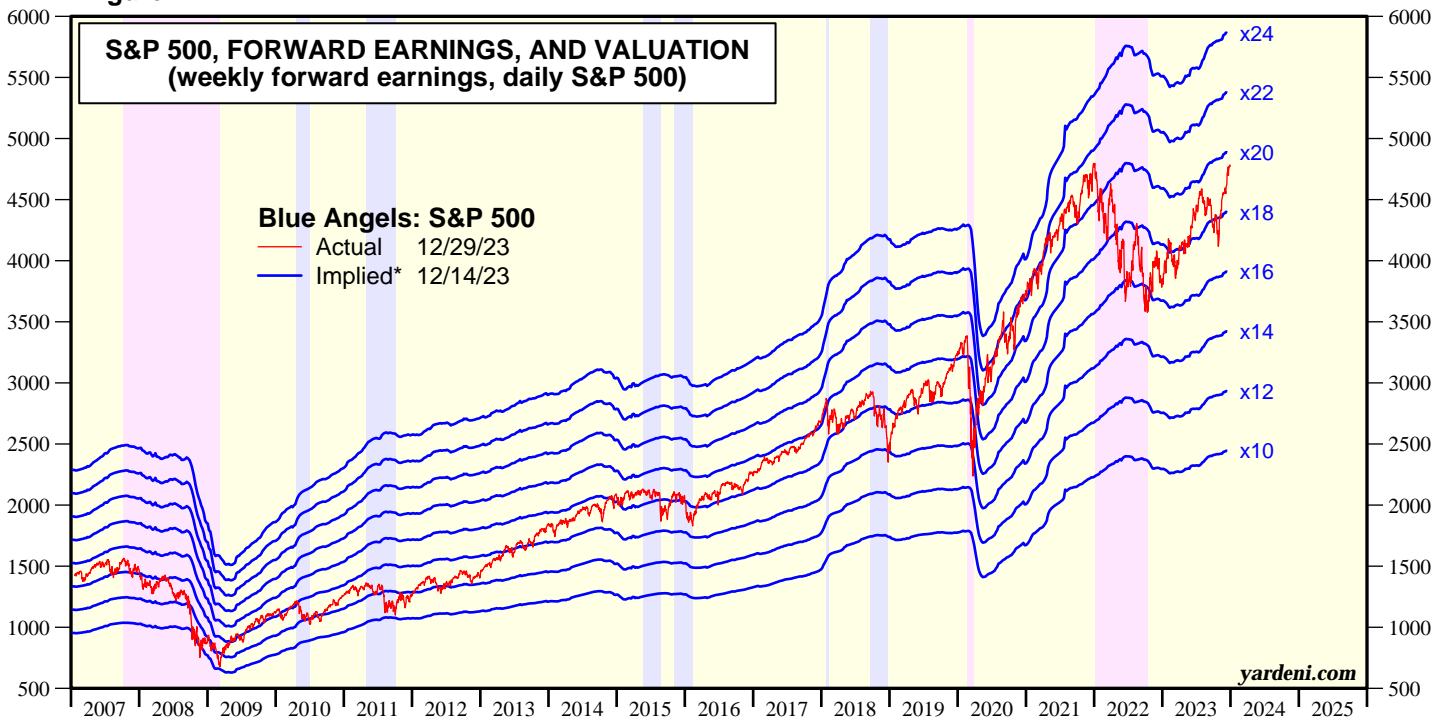
Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods.
Source: Federal Reserve Board.

Figure 16.



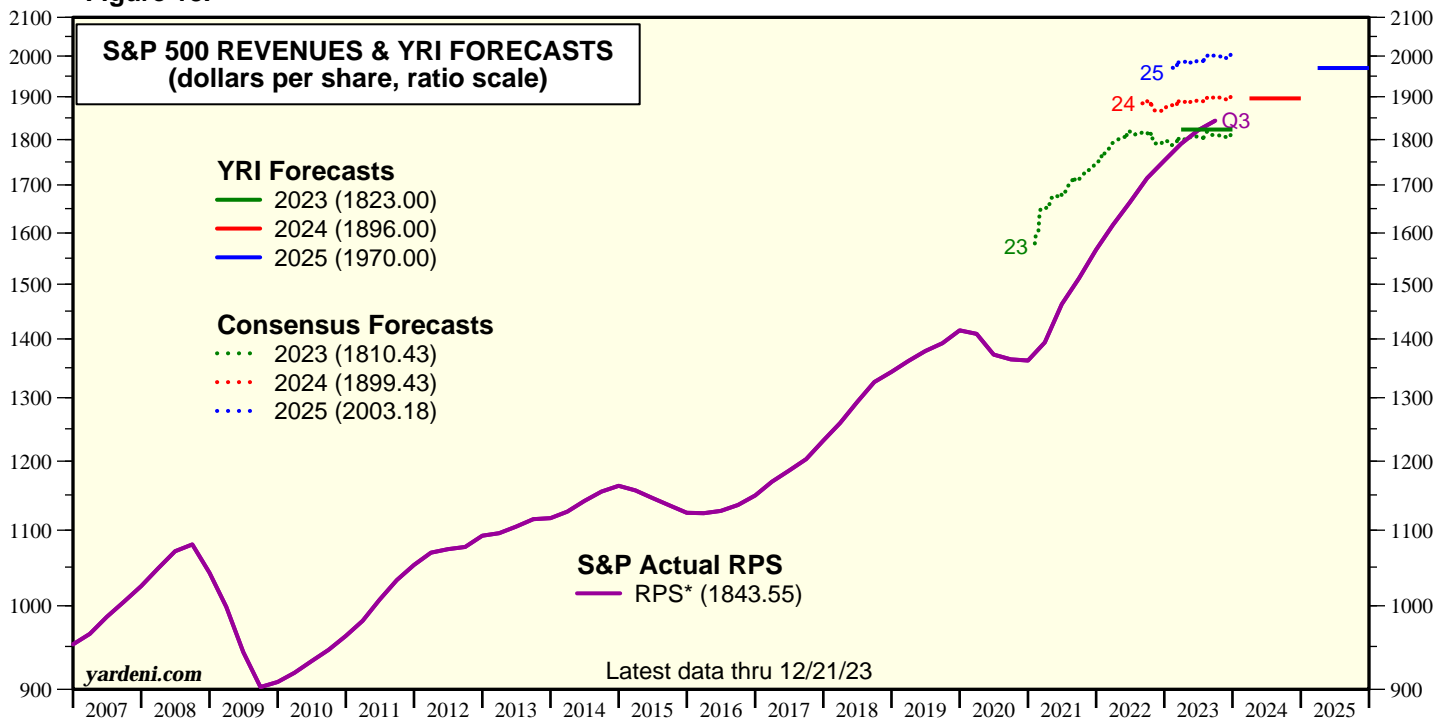
* Time-weighted average of analysts' consensus estimates for S&P 500 operating earnings for current year and next year.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Note: Lehman collapsed 9/15/2008. COVID-19 = WHO declares global pandemic on 3/11/2020.
Source: I/B/E/S data by Refinitiv.

Figure 17.



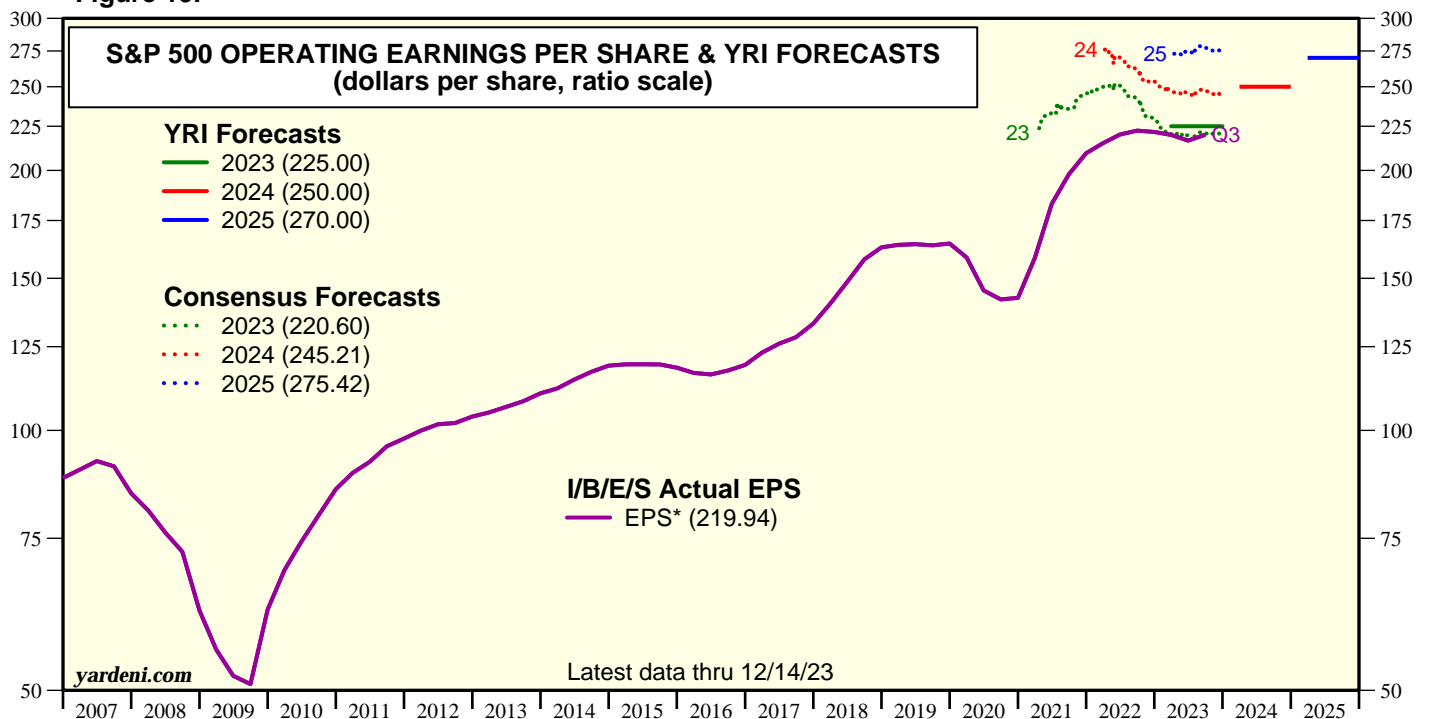
* Implied price index calculated using forward earnings times forward P/Es. Weekly data start January 2007.
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%.
Source: Standard & Poor's and I/B/E/S data by Refinitiv.

Figure 18.



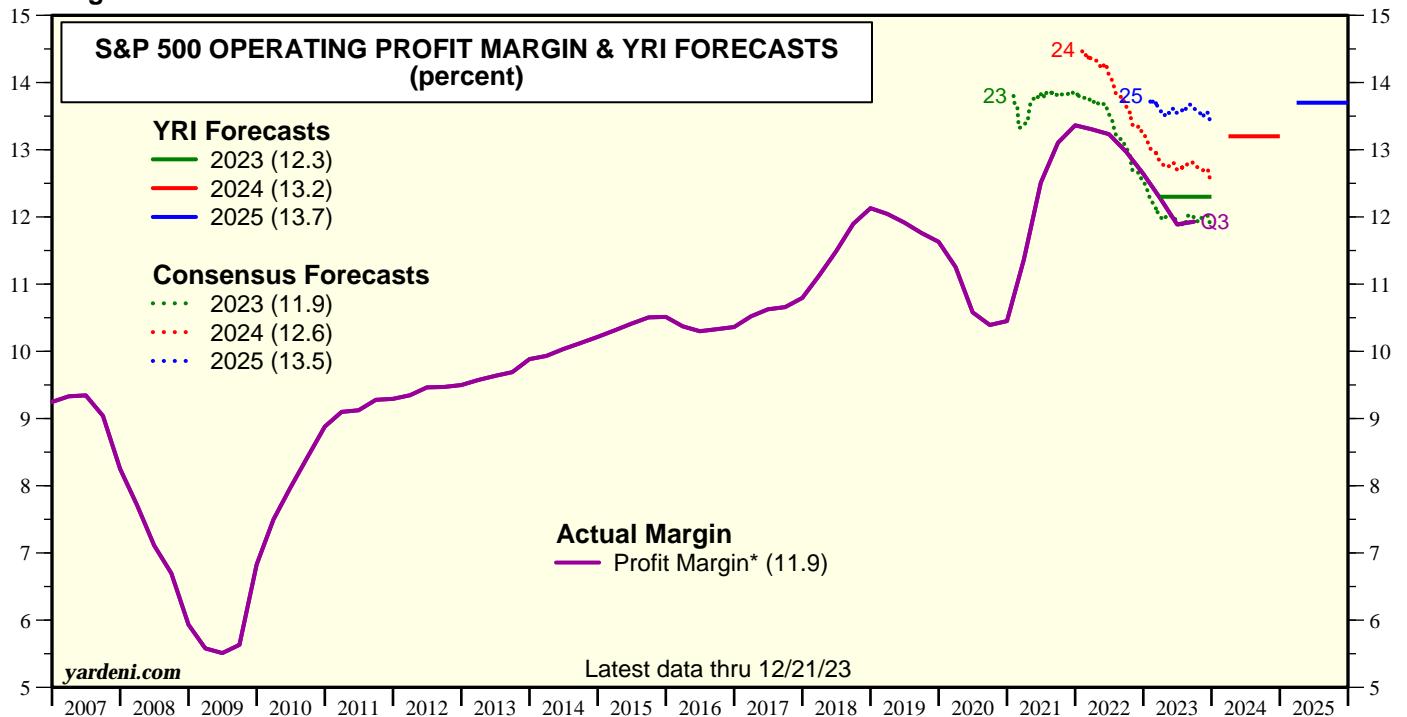
* Four-quarter trailing sum of revenues per share.
Source: I/B/E/S data by Refinitiv.

Figure 19.



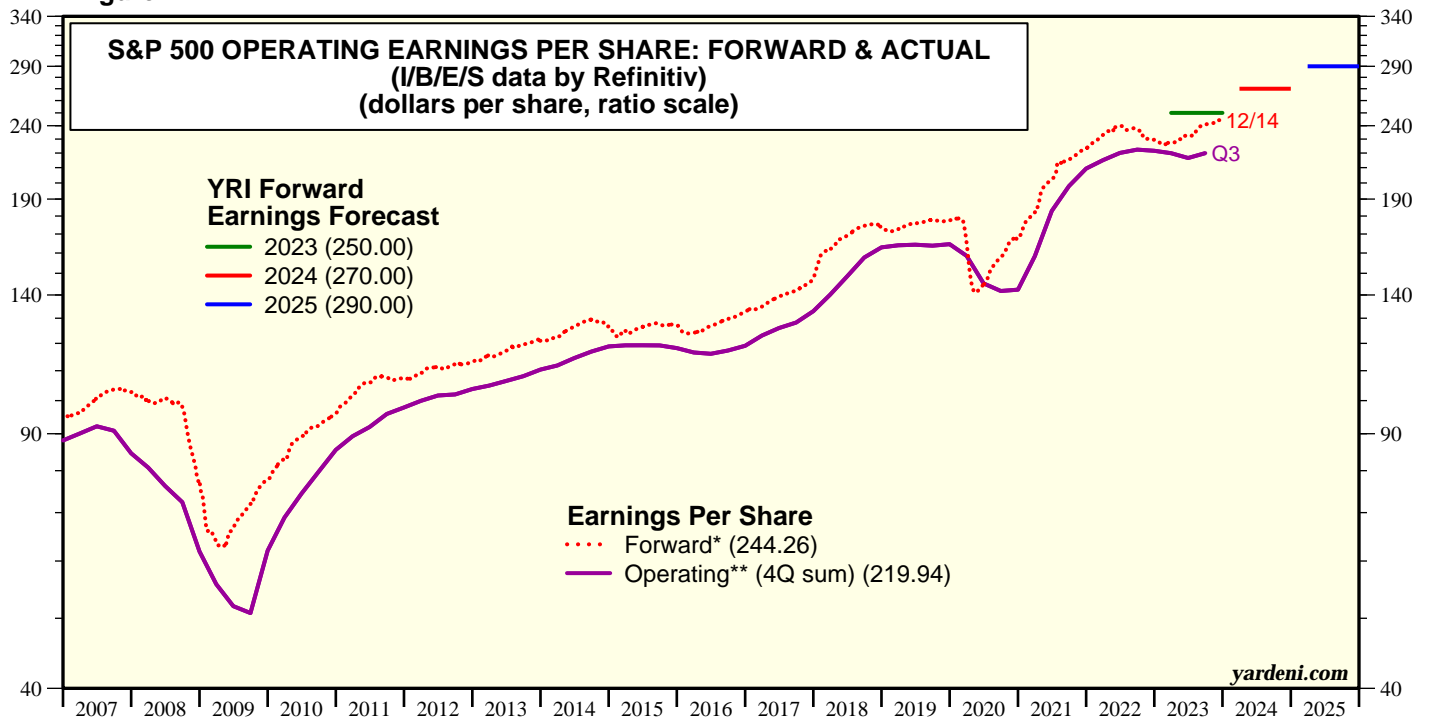
* Four-quarter trailing sum of operating earnings per share.
Source: I/B/E/S data by Refinitiv.

Figure 20.



* Four-quarter trailing operating profit margin.
Source: I/B/E/S data by Refinitiv and Standard & Poor's.

Figure 21.



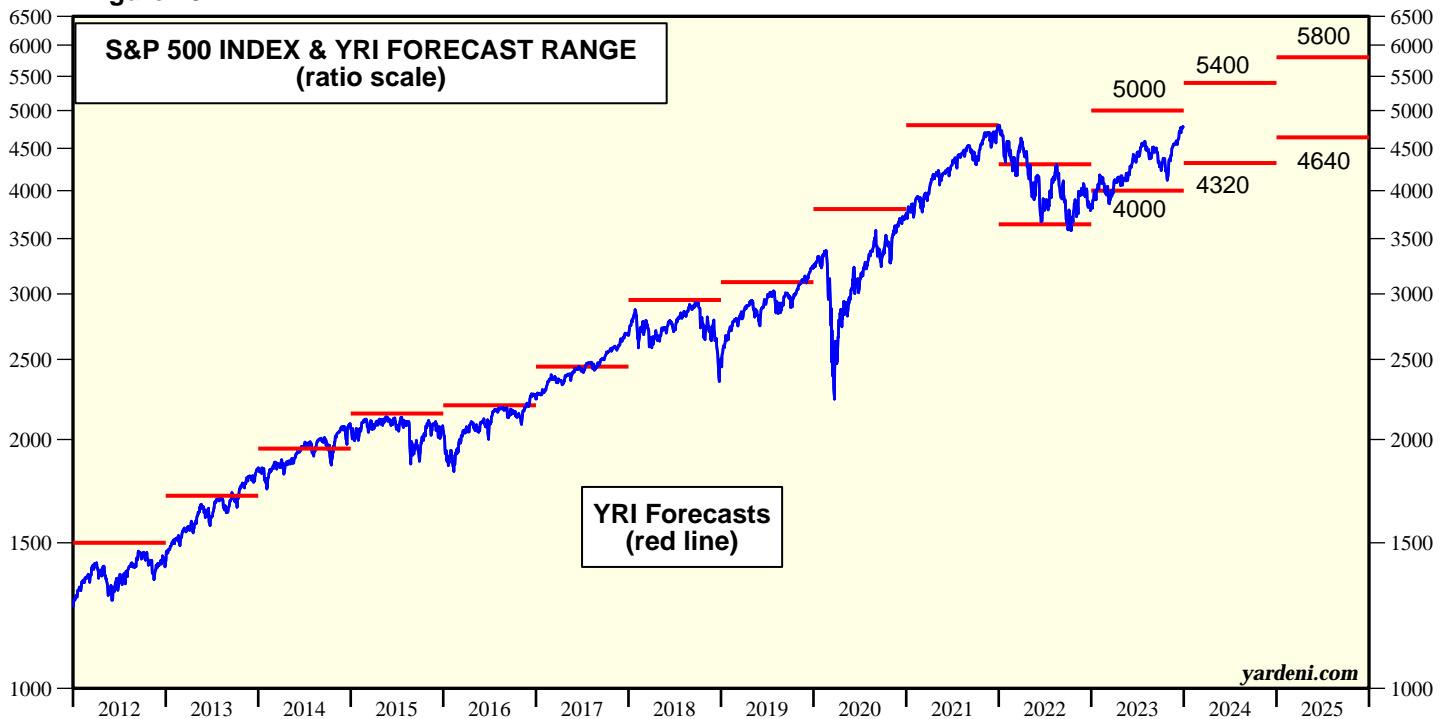
* Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, then weekly.
** From S&P until Q4-1993, then from I/B/E/S data by Refinitiv.
Source: I/B/E/S data by Refinitiv.

Figure 22.



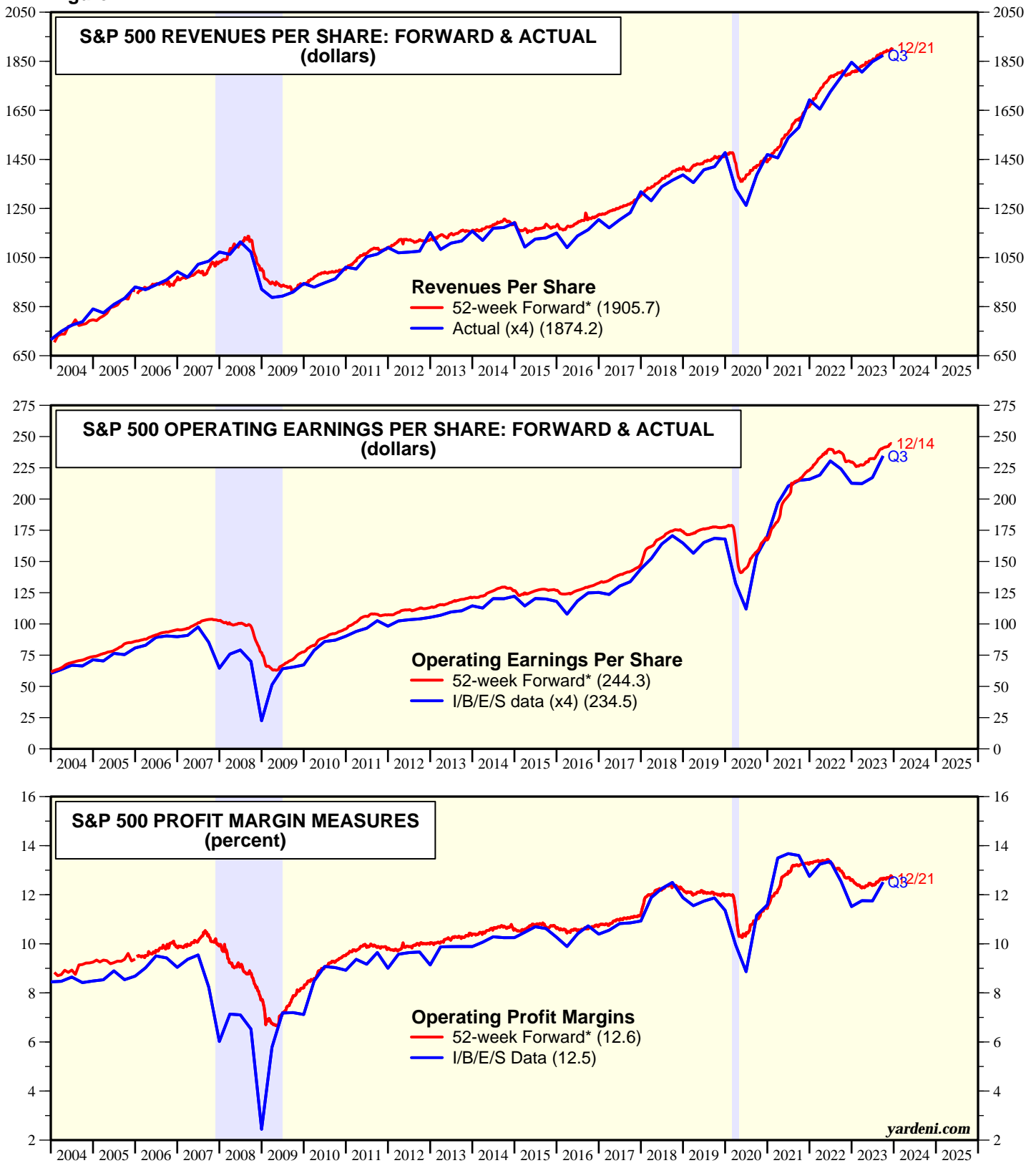
* Average weekly price divided by 52-week forward consensus expected operating earnings per share.
Source: Standard & Poor's and I/B/E/S data by Refinitiv.

Figure 23.



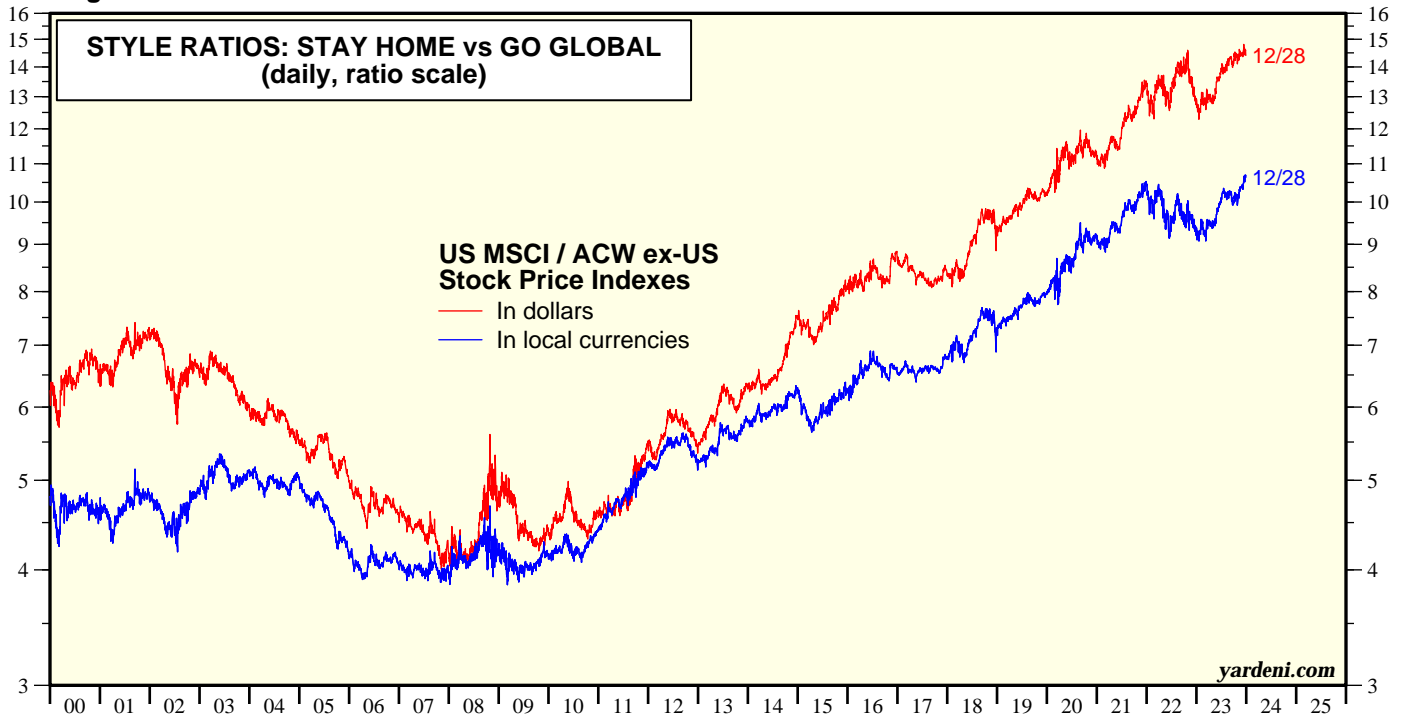
Source: Standard & Poor's.

Figure 24.



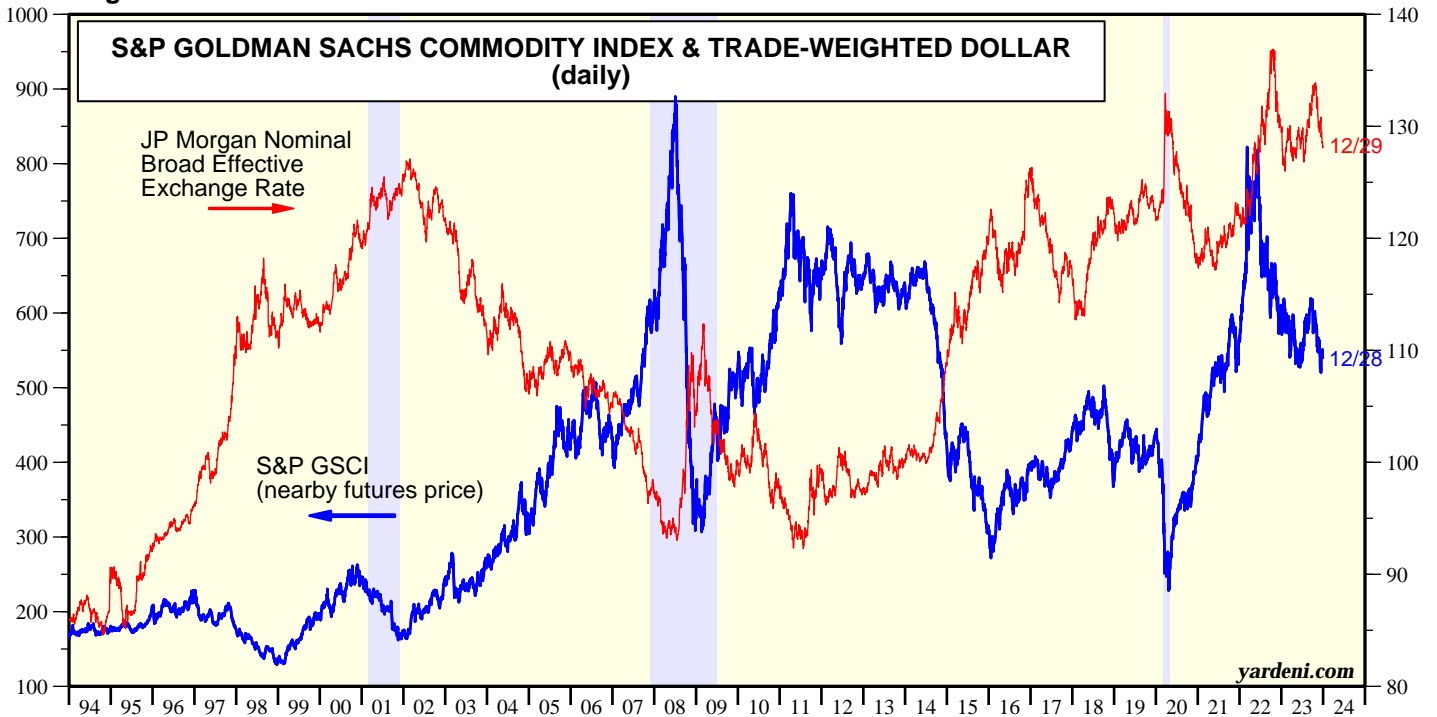
* Time-weighted average of consensus estimates for current and next years.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Standard & Poor's and I/B/E/S data by Refinitiv.

Figure 25.



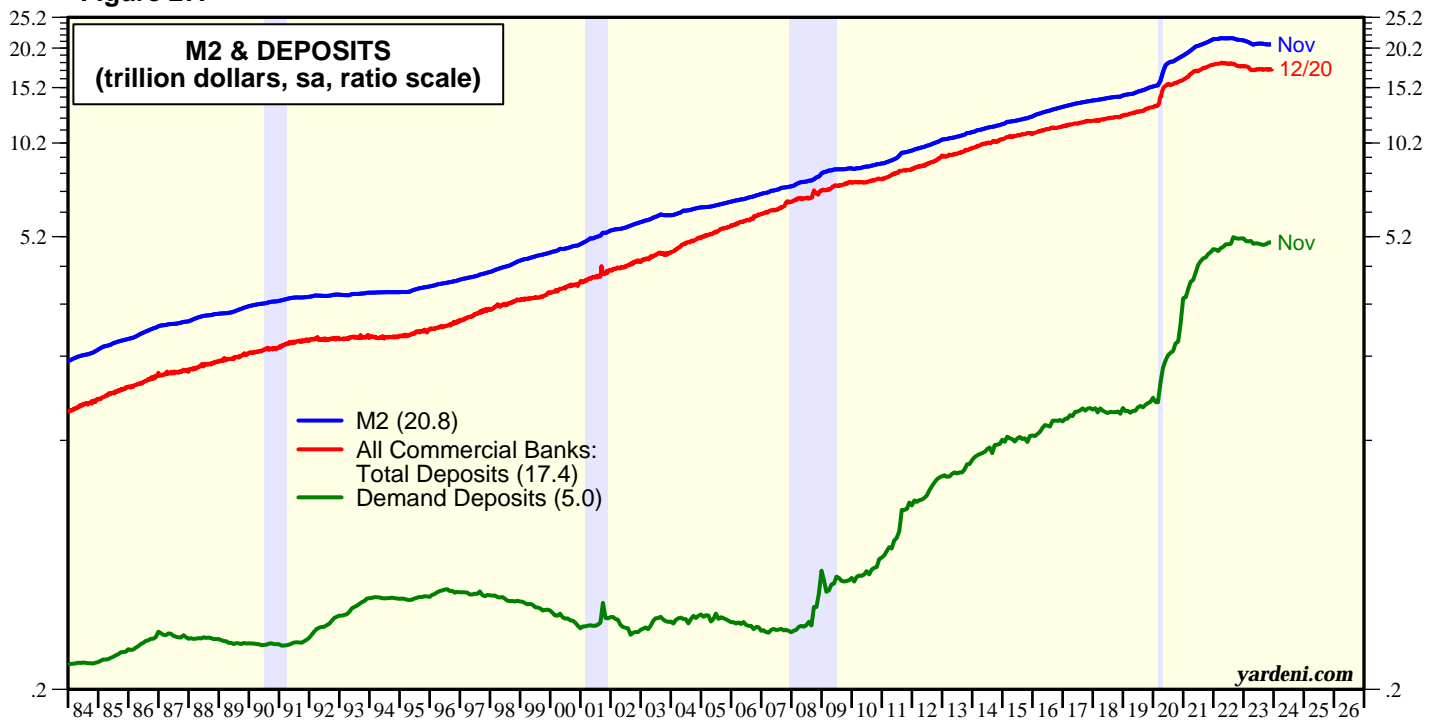
Source: MSCI.

Figure 26.



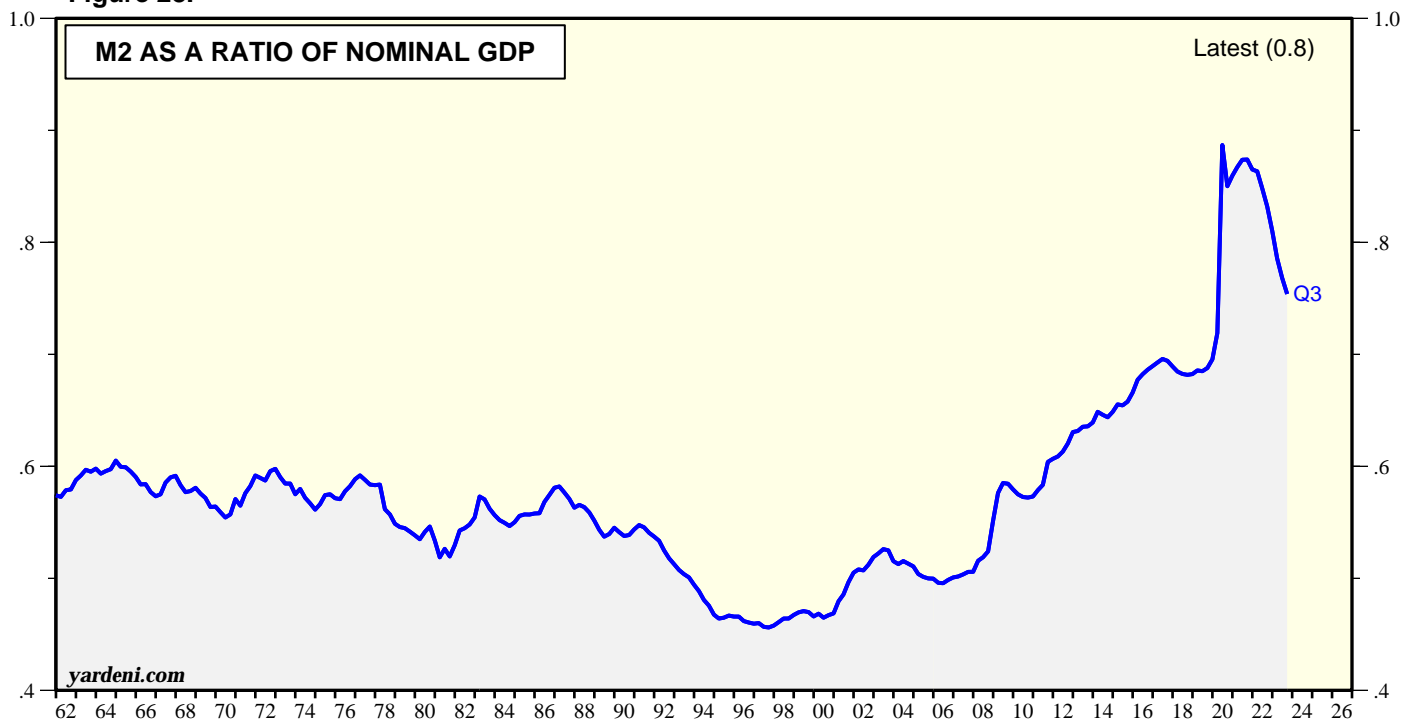
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Standard & Poor's, JP Morgan, and Haver Analytics.

Figure 27.



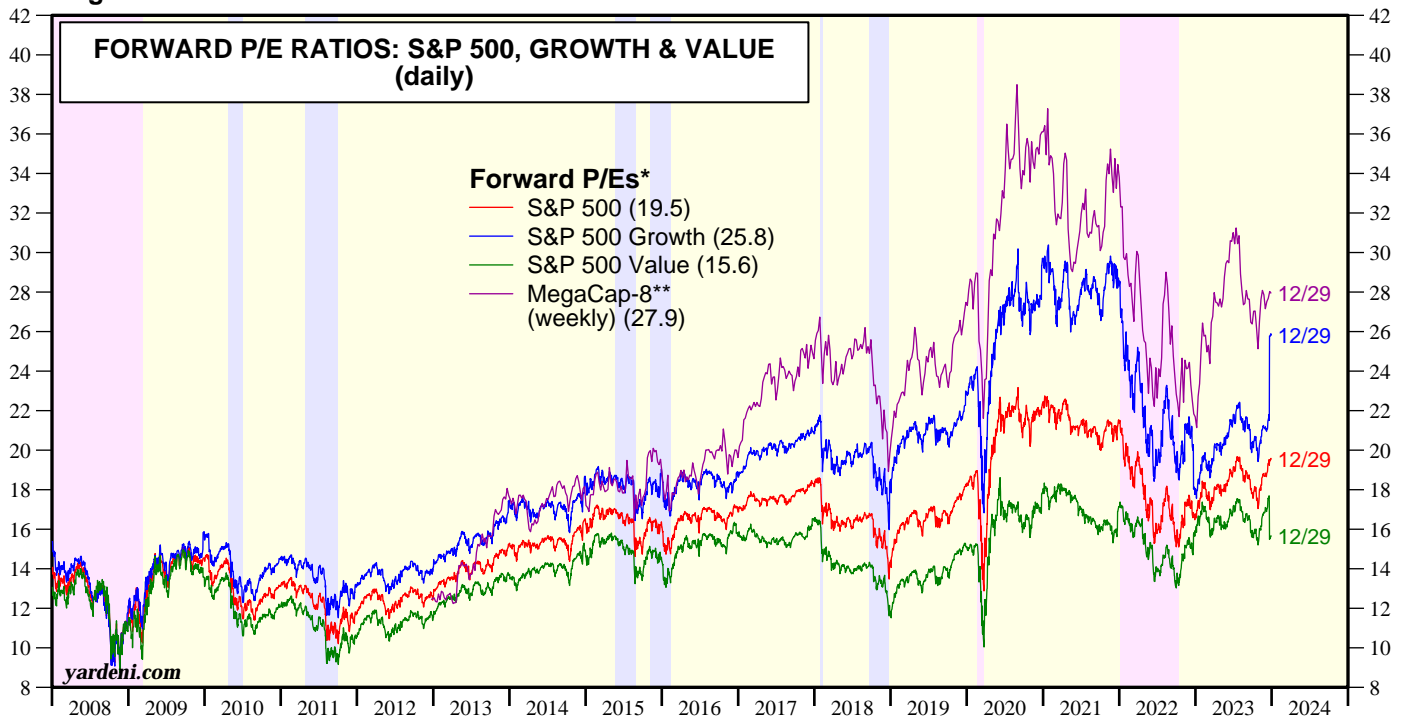
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Board of Governors of the Federal Reserve System.

Figure 28.



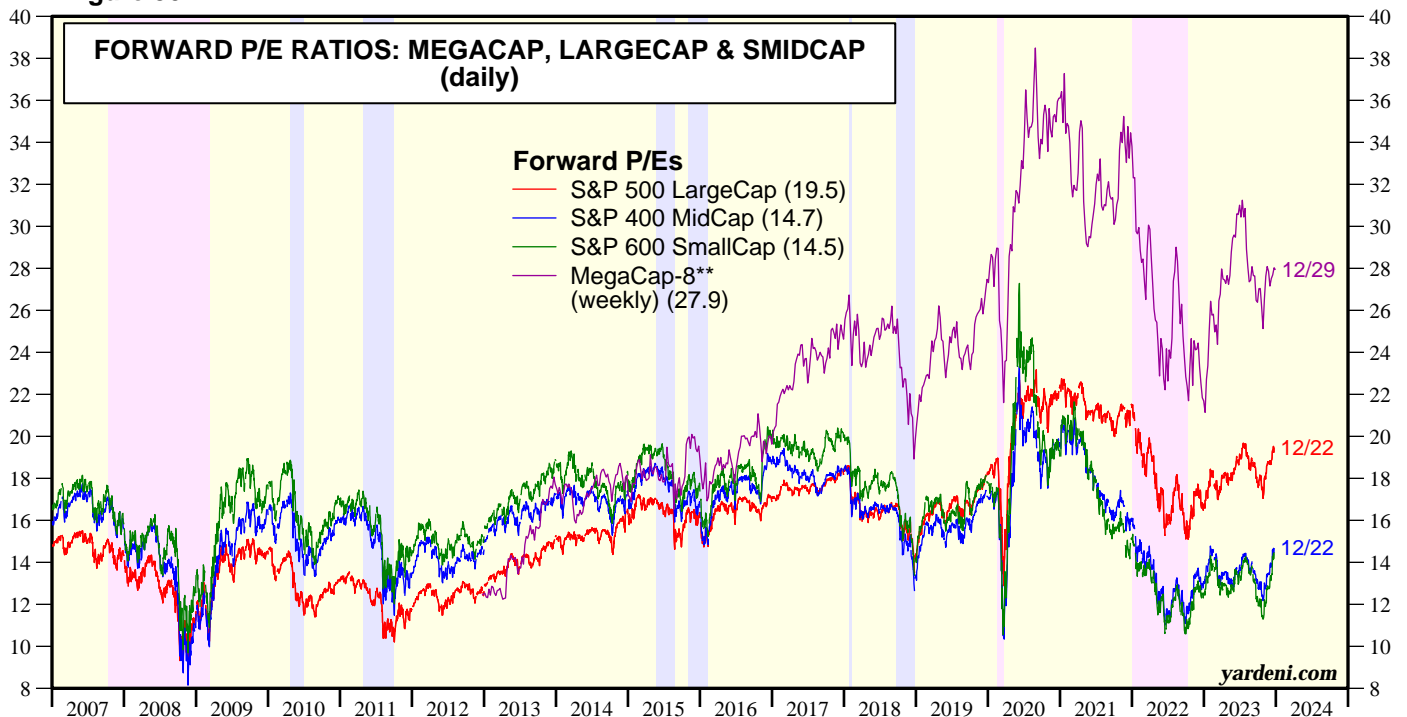
Source: Federal Reserve Board.

Figure 29.



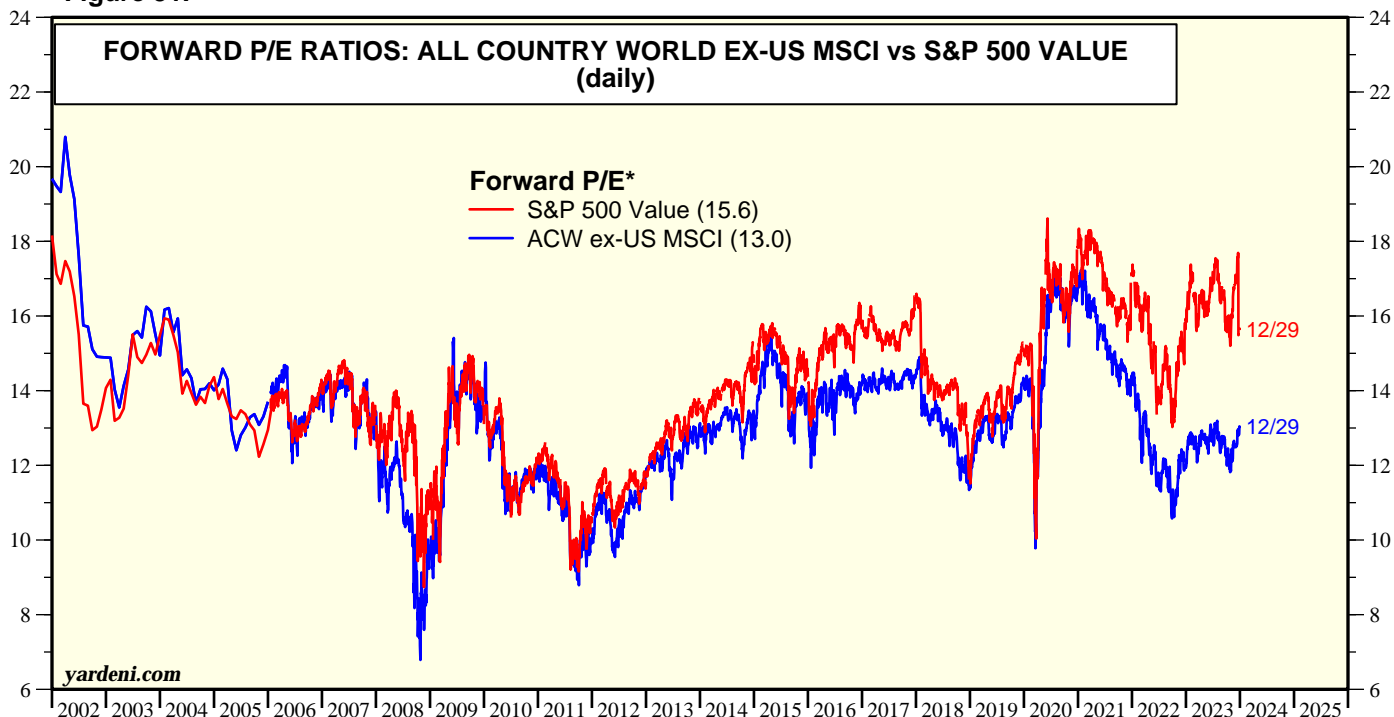
* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly and daily thereafter.
 ** MegaCap-8 stocks include Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%.
 Source: I/B/E/S data by Refinitiv and Standard & Poors.

Figure 30.



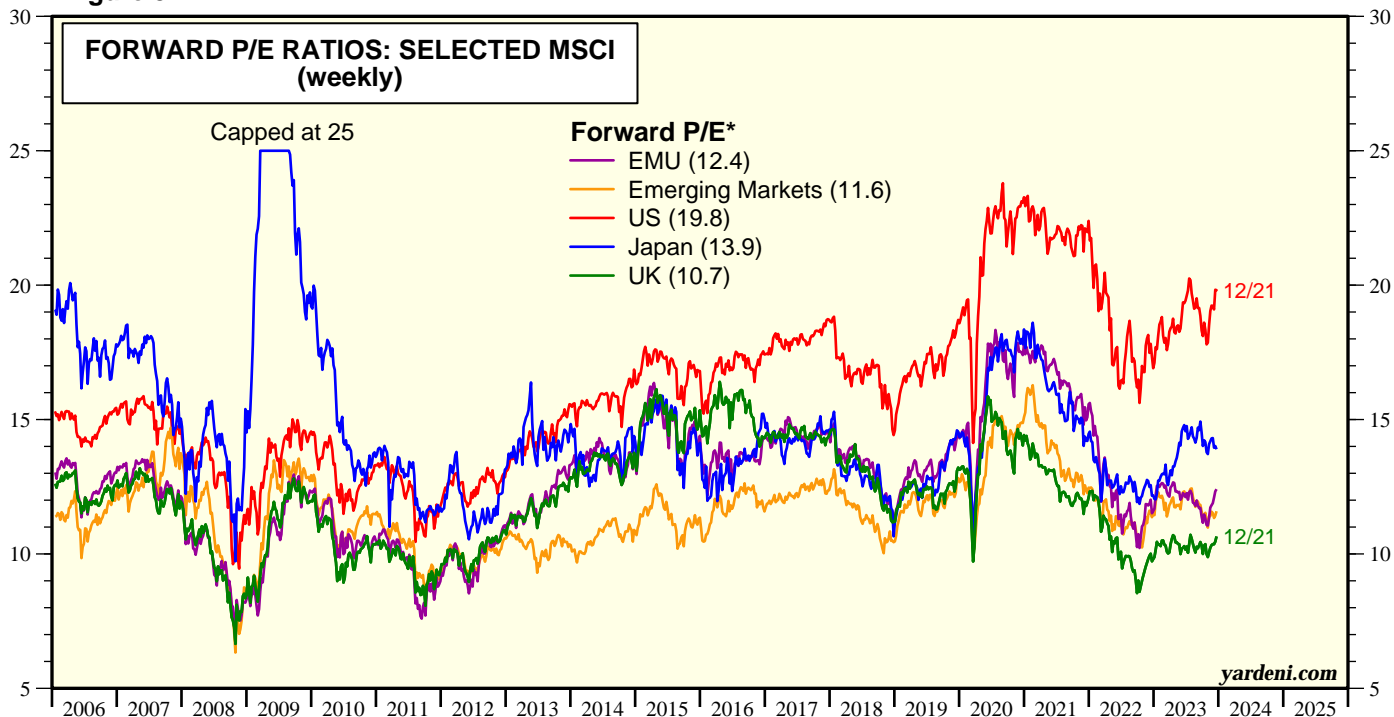
* Daily stock price index divided by 52-week forward consensus expected operating earnings per share.
 ** MegaCap-8 stocks include Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%. Yellow areas are bull markets. Source: I/B/E/S data by Refinitiv and Standard & Poor's.

Figure 31.



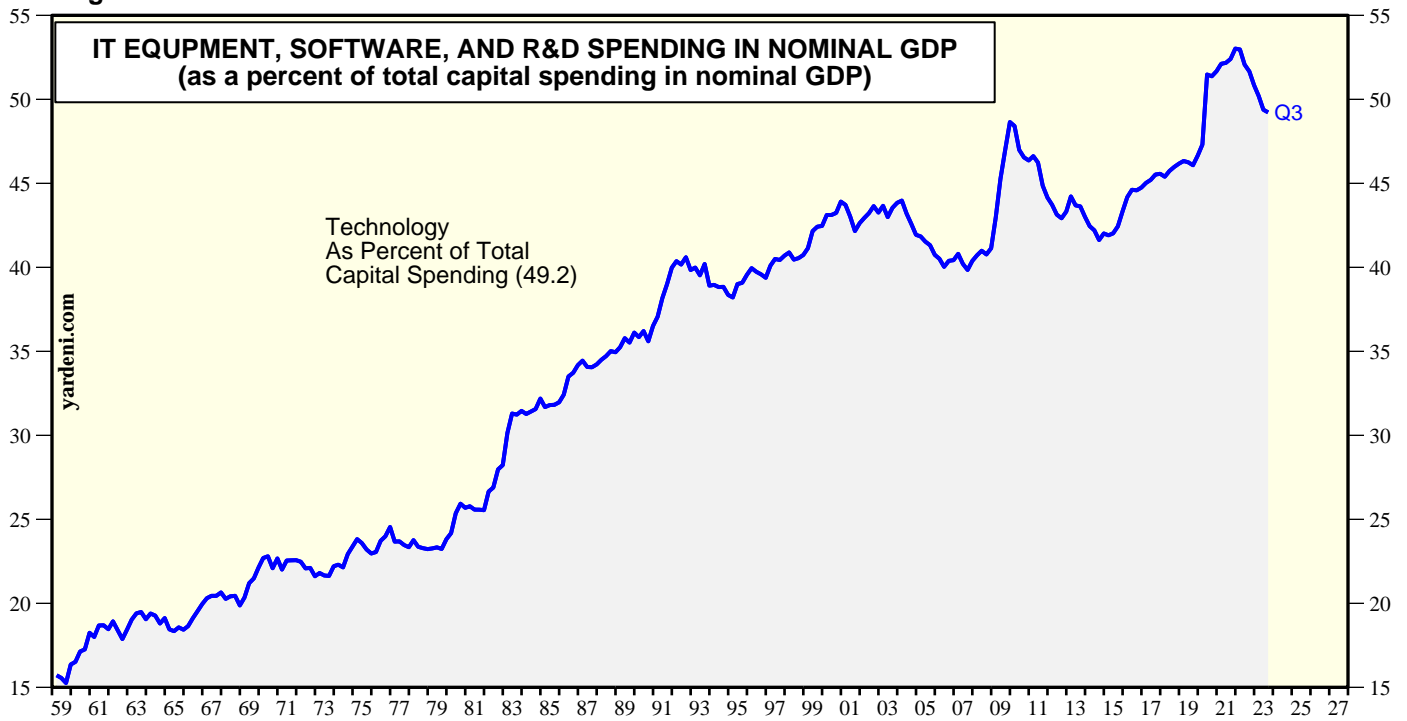
* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, daily thereafter.
Source: I/B/E/S data by Refinitiv and MSCI.

Figure 32.



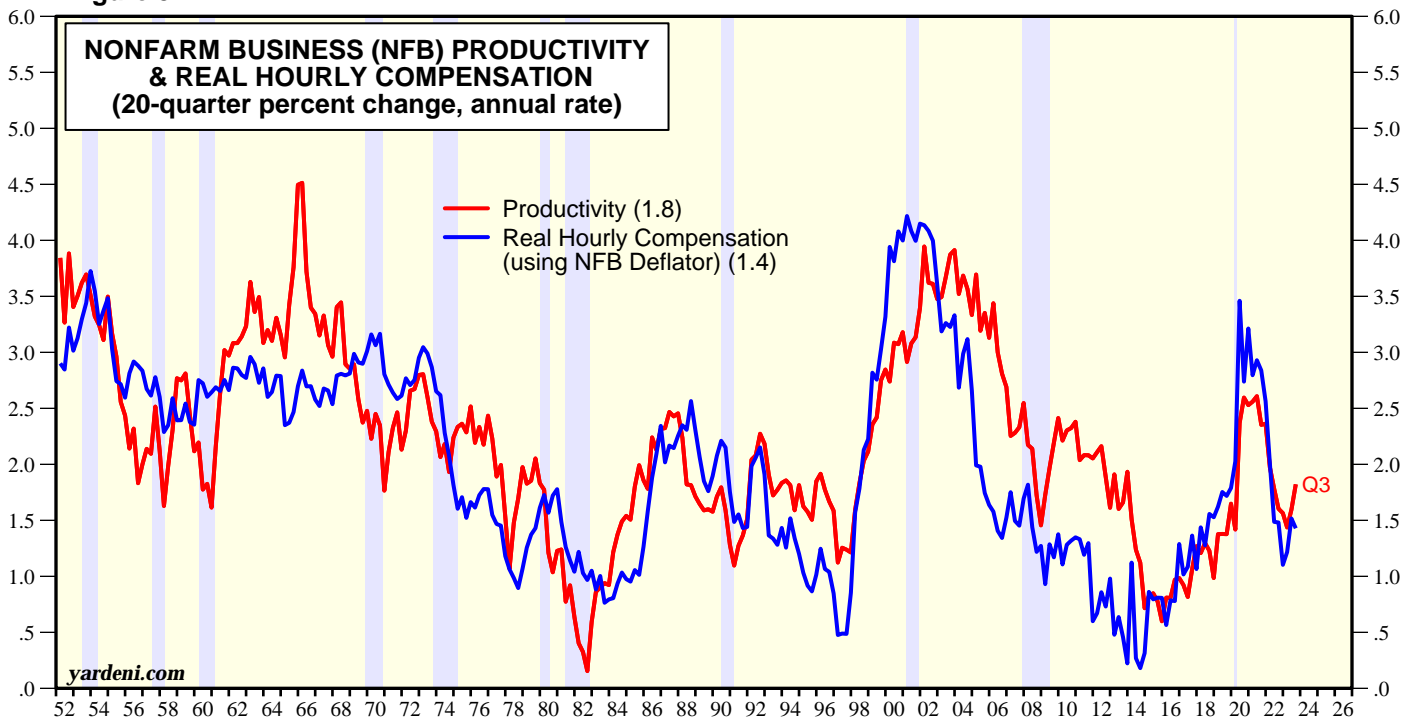
* Price divided by 12-month forward consensus expected operating earnings per share.
Source: I/B/E/S data by Refinitiv.

Figure 33.



Source: Bureau of Economic Analysis.

Figure 34.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics.

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