Chart Collection for Morning Briefing

Yardeni Research, Inc.

September 26, 2022

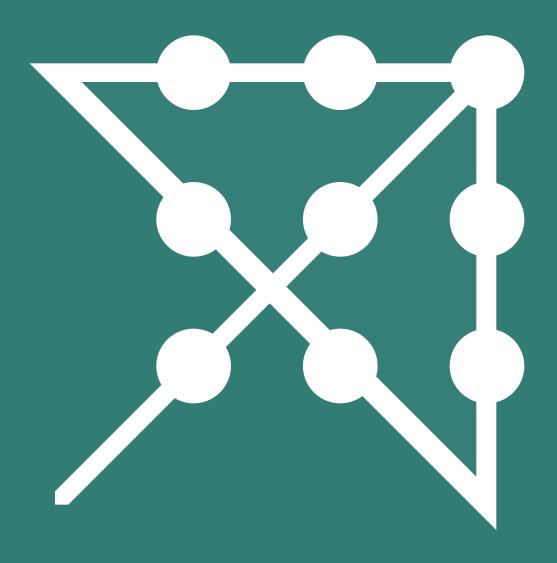
Dr. Edward Yardeni

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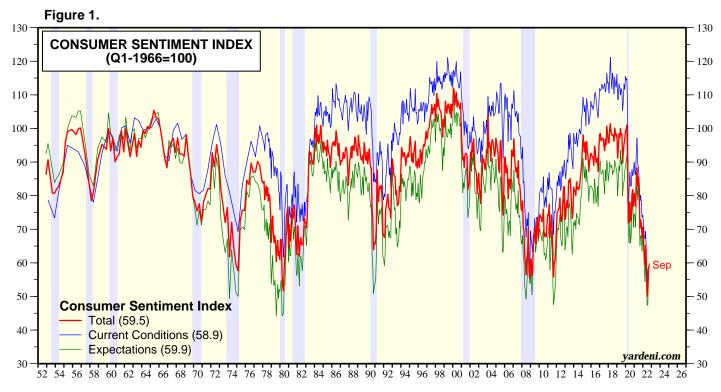
Mali Quintana

480-664-1333 aquintana@yardeni.com

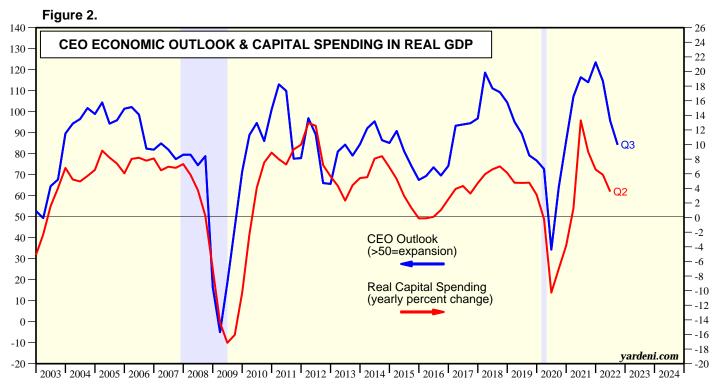
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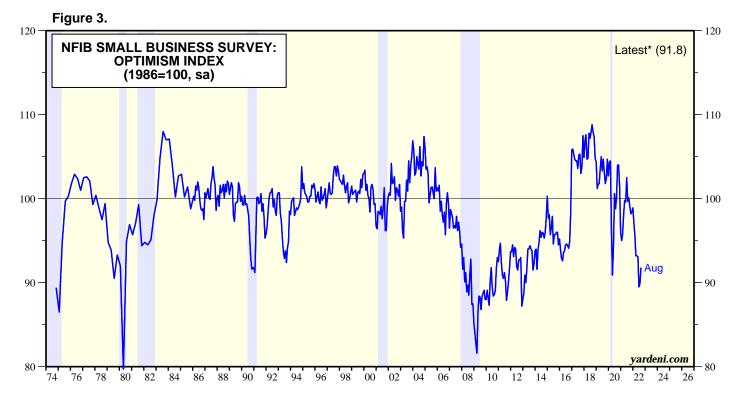
thinking outside the box



Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: University of Michigan Survey Research Center



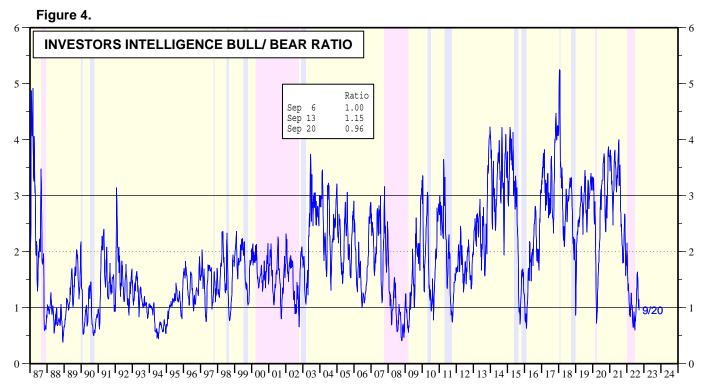
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Business Roundtable, Bureau of Economic Analysis, and Haver Analytics.



* First month of every quarter from 1974 to 1986, then monthly.

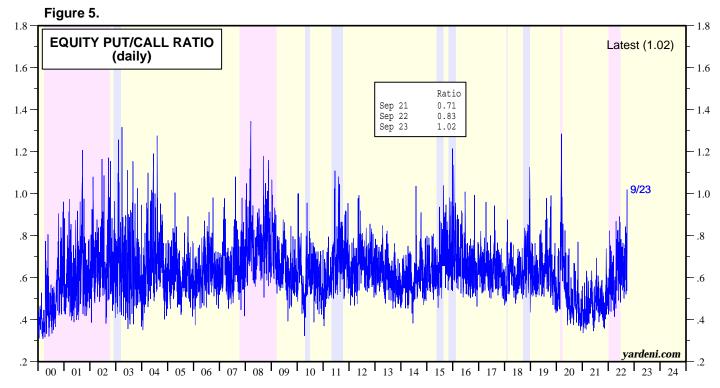
Note: Shaded areas are recessions according to the National Bureau of Economic Research.

Source: National Federation of Independent Business.



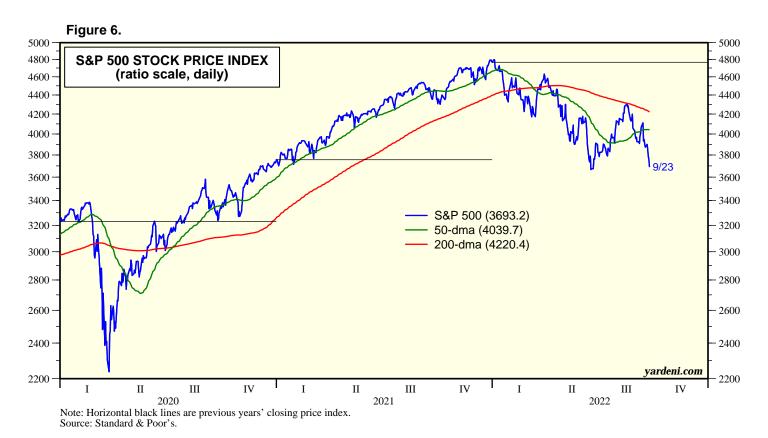
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%. Yellow areas are bull markets.

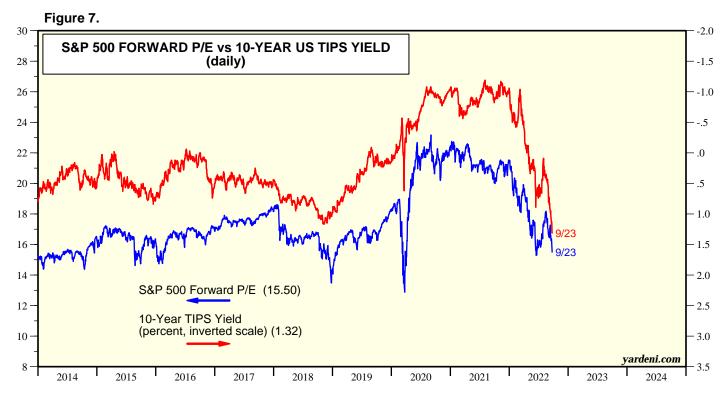
Source: Investors Intelligence.



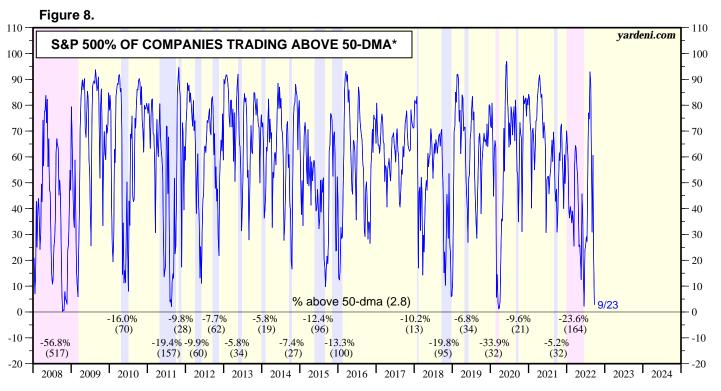
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Source: Chicago Board Options Exchange.

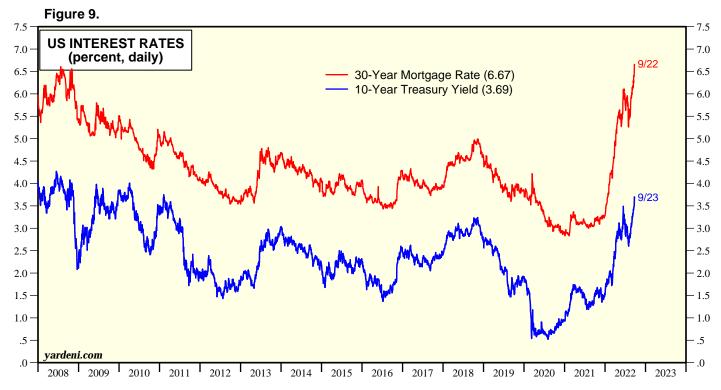




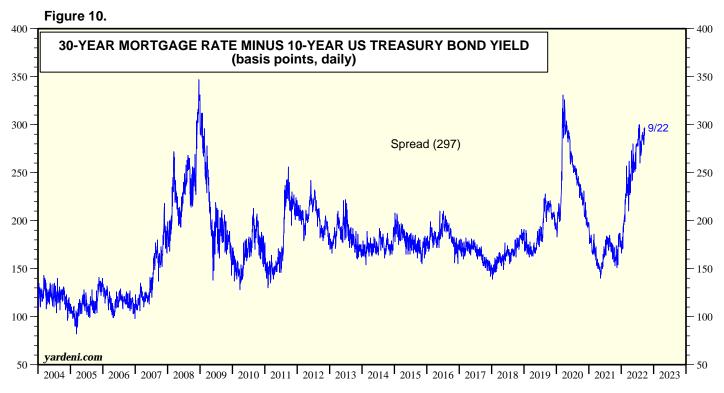
Source: Federal Reserve Board, I/B/E/S data by Refinitiv and Standard & Poor's.



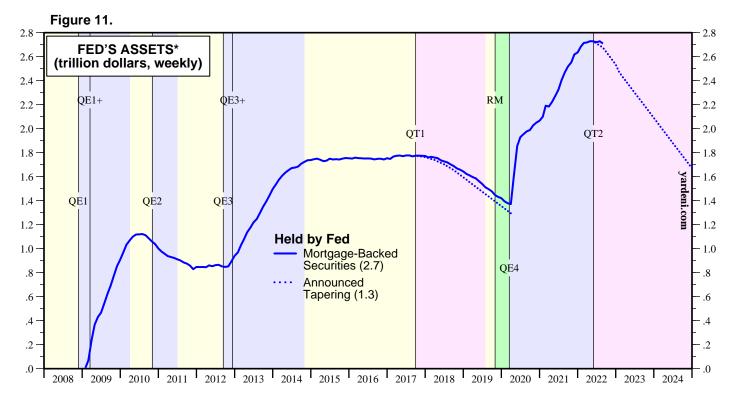
^{*} Using end of week price data to calculate equivalent 10-wma and 40-wma to approximate their 50-dma and 200-dmas. Source: I/B/E/S data by Refintiv.



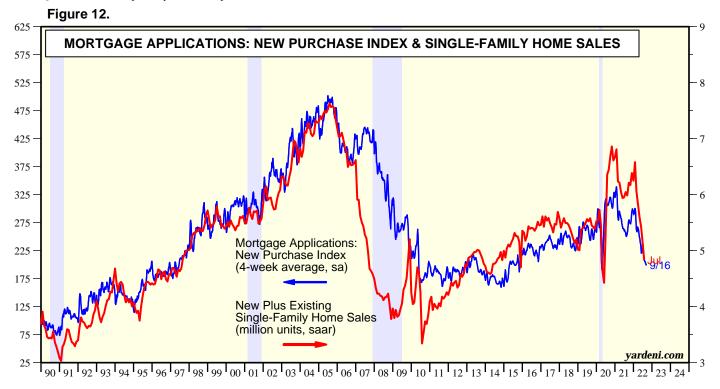
Source: Board of Governors of the Federal Reserve System.



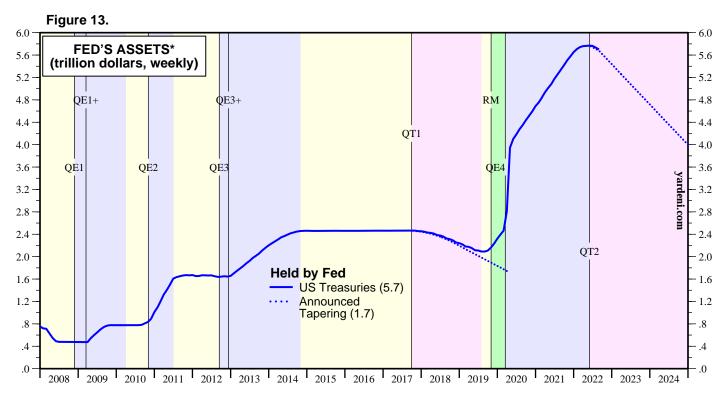
Source: The Wall Street Journal and Federal Reserve Board.



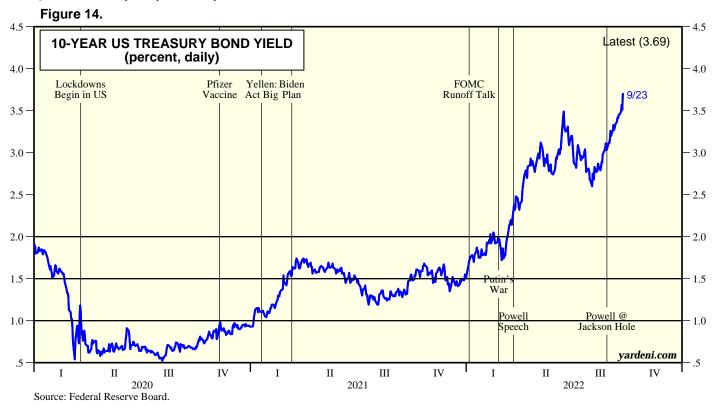
^{*} Averages of daily figures for weeks ending Wednesday. Securities held by Fed include US Treasuries, Agency debt, and mortgage-backed securities. Note: QE1 (11/25/08-3/31/10) = \$1.24tn in mortgage securities; expanded (3/16/09-3/31/10) = \$300bn in Treasuries. QE2 (11/3/10-6/30/11) = \$600bn in 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.

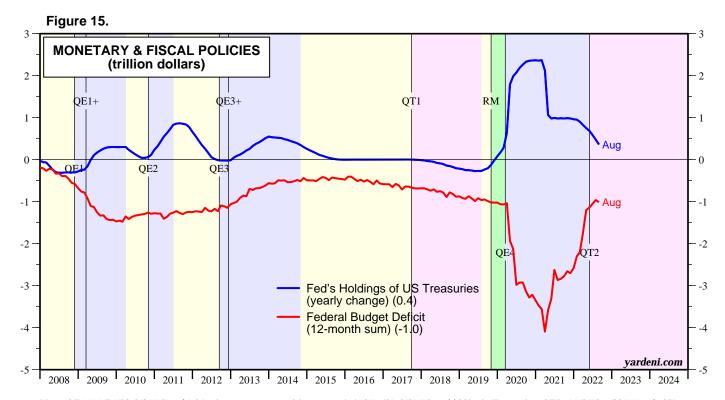


Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Mortgage Bankers of America.

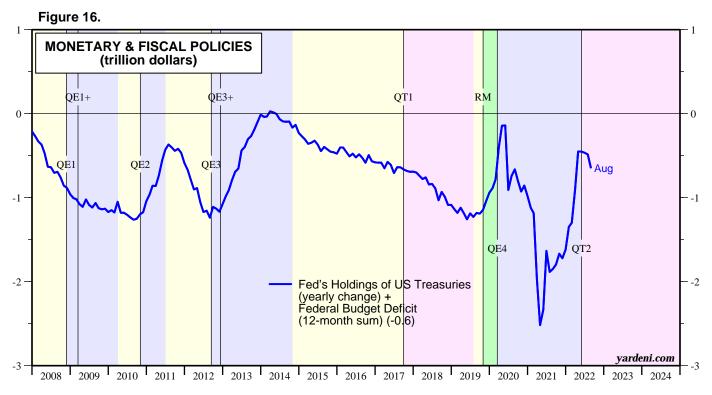


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