## **Chart Collection for Morning Briefing**

Yardeni Research, Inc.

September 19, 2022

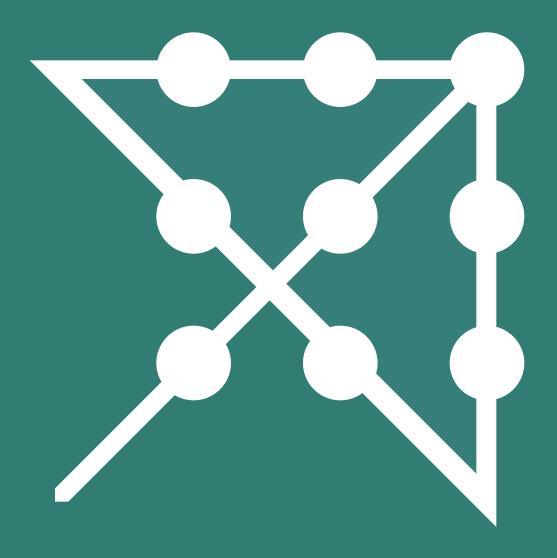
## Dr. Edward Yardeni

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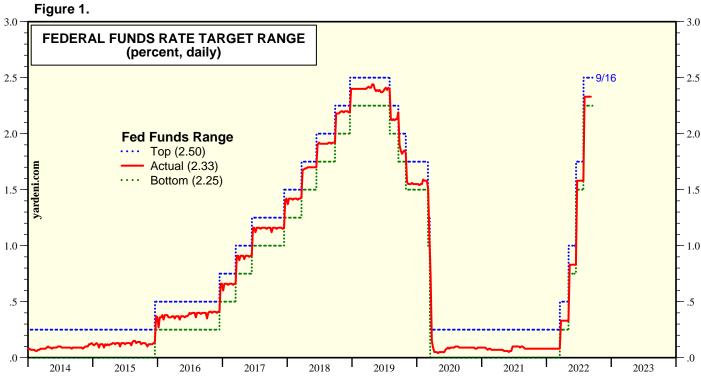
## Mali Quintana

480-664-1333 aquintana@yardeni.com

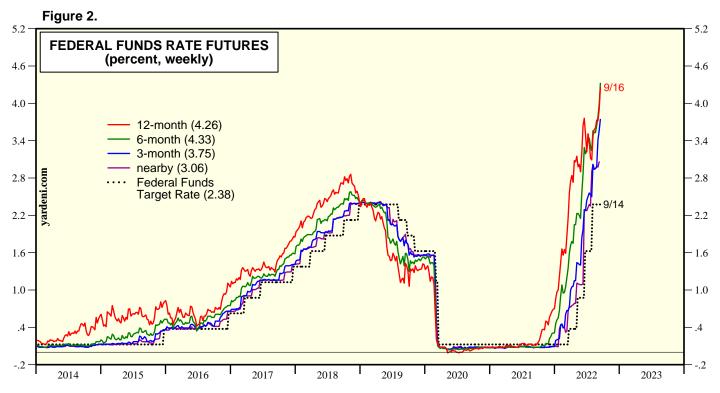
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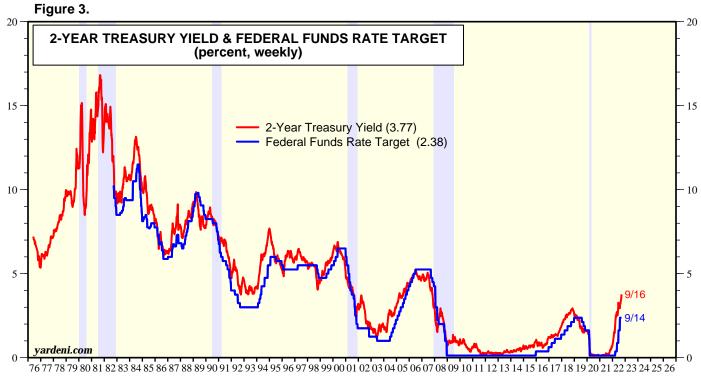
thinking outside the box



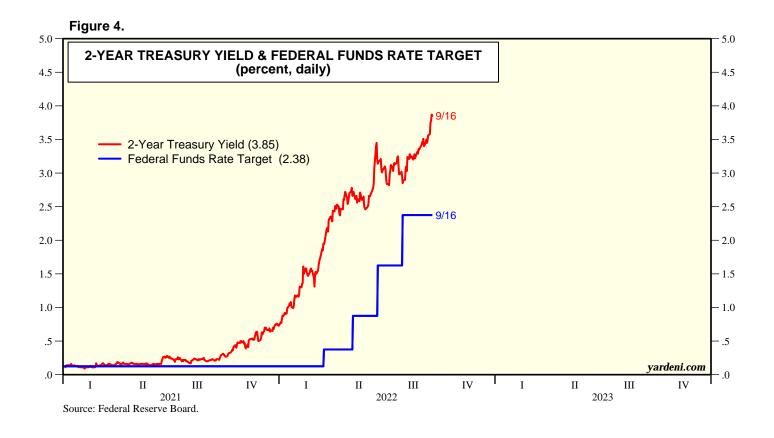
Source: Federal Reserve Board.

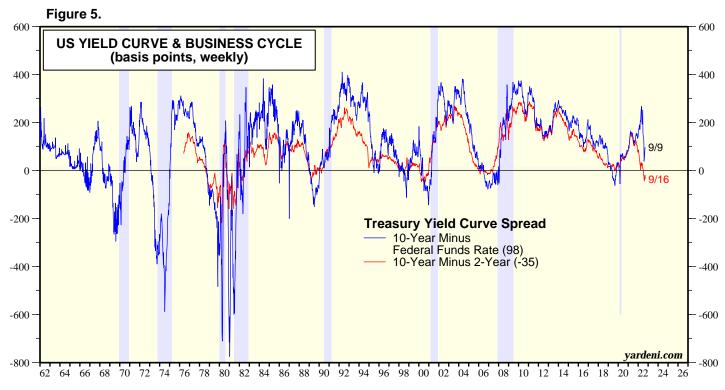


Source: Chicago Mercantile Exchange.

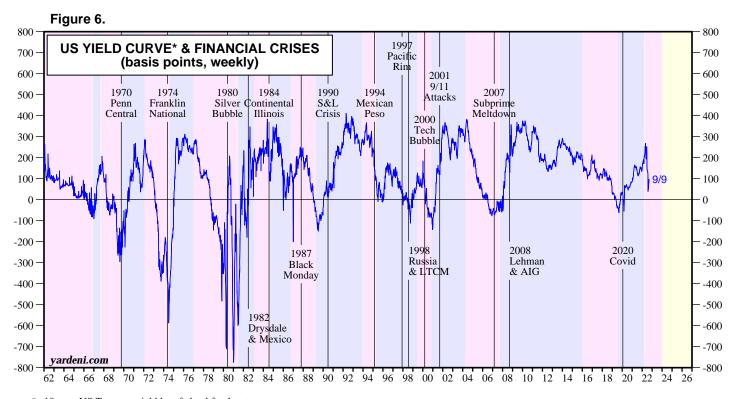


Source: Federal Reserve Board.





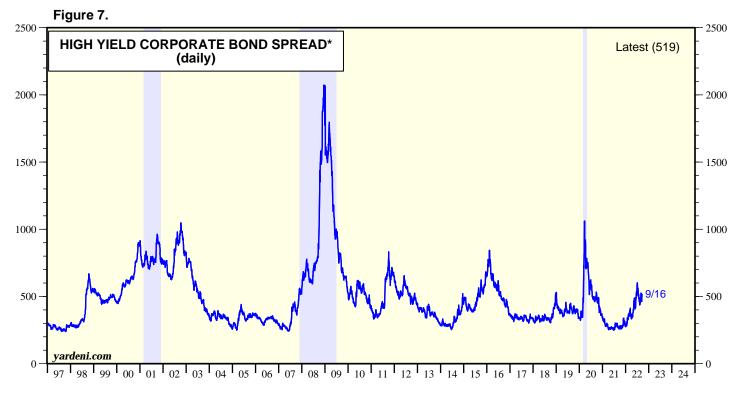
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Board.



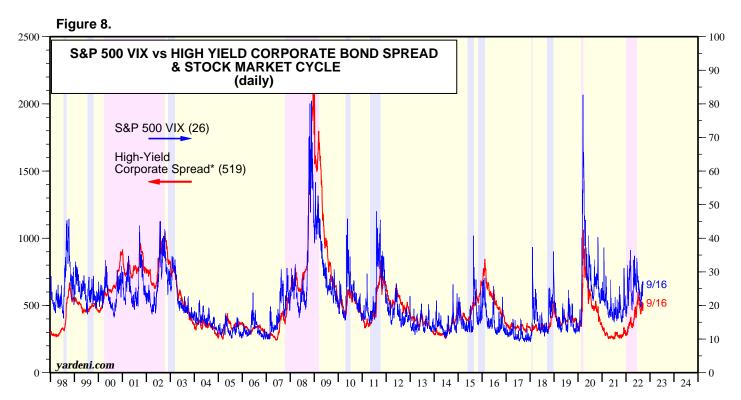
<sup>10-</sup>year US Treasury yield less federal funds rate.

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.



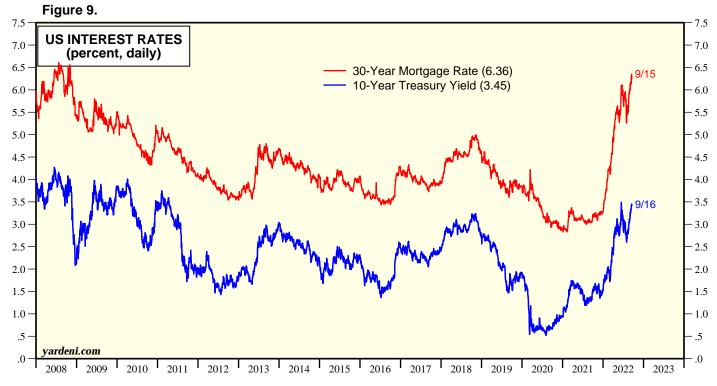
<sup>\*</sup> US high-yield corporate bond yield less 10-year Treasury bond yield (basis points). Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Board.



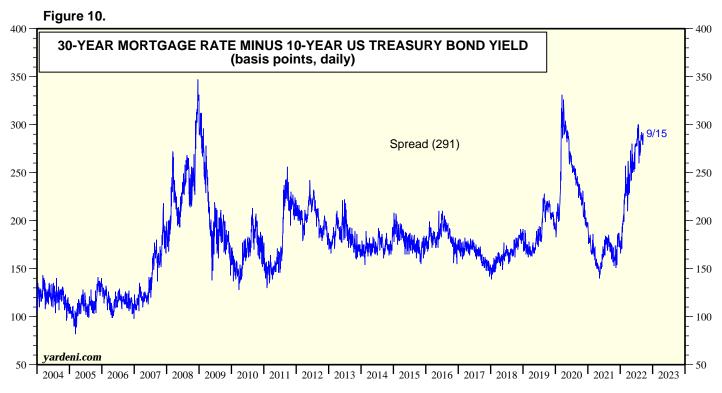
<sup>\*</sup> US high-yield corporate bond yield less 10-year Treasury bond yield (basis points).

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.

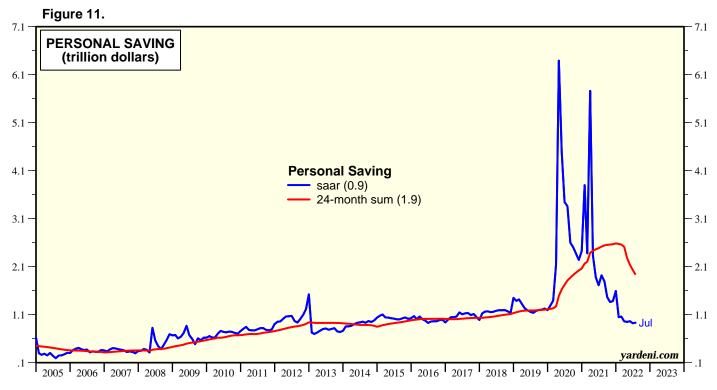
Source: Chicago Board Options Exchange, Bank of America Merill Lynch, and Federal Reserve Board.



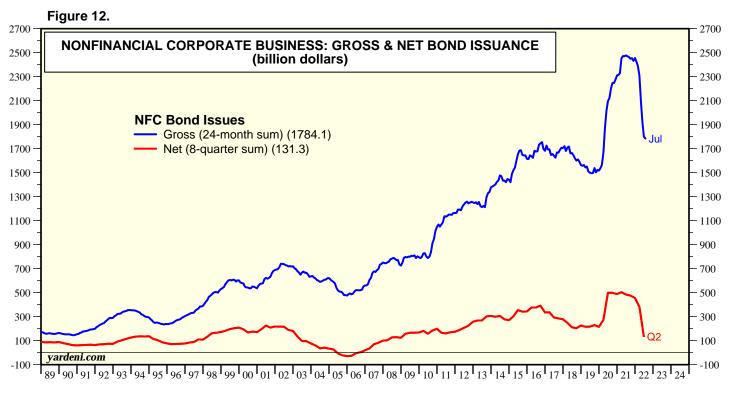
Source: Board of Governors of the Federal Reserve System.



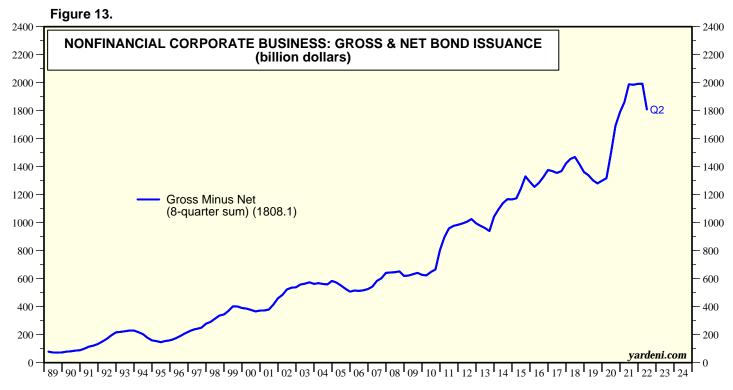
Source: The Wall Street Journal and Federal Reserve Board.



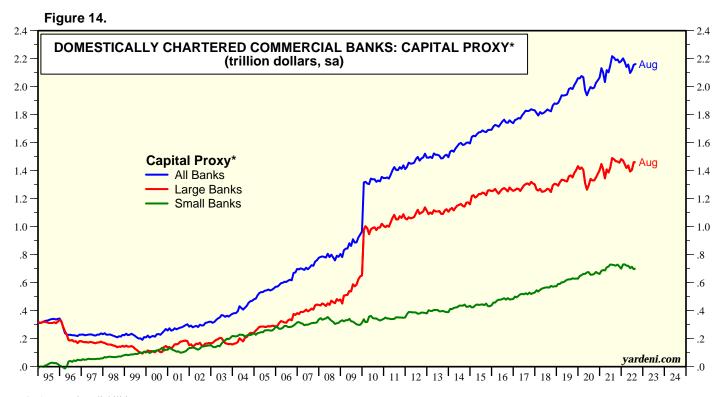
Source: Bureau of Economic Analysis.



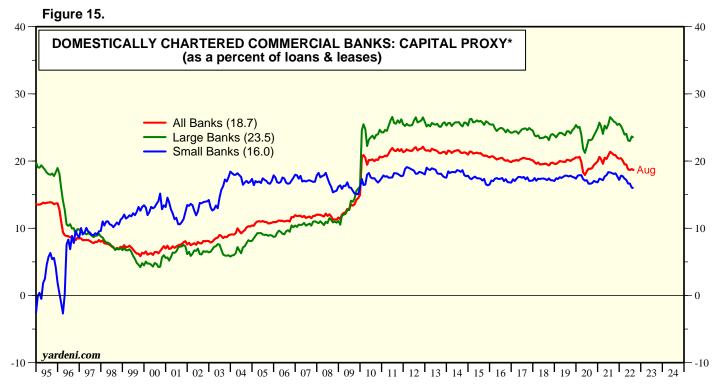
Source: Federal Reserve Board, Financial Accounts of the United States.



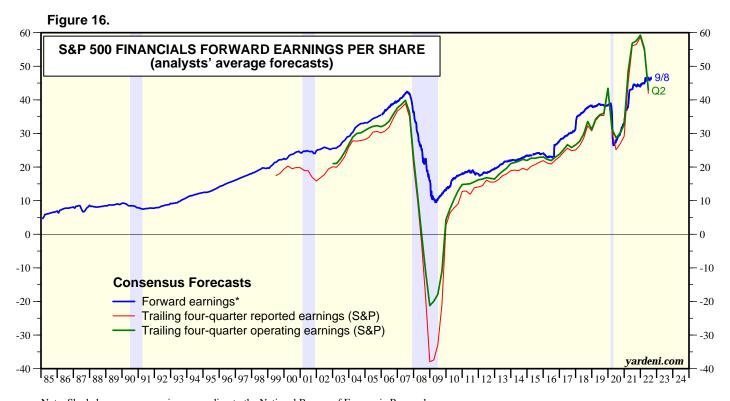
Source: Federal Reserve Board, Financial Accounts of the United States.



\* Assets minus liabilities. Source: Federal Reserve Board.



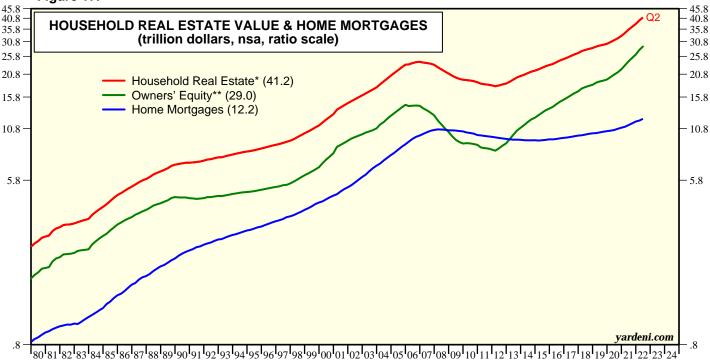
\* Assets minus liabilities.
 Source: Federal Reserve Board.



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

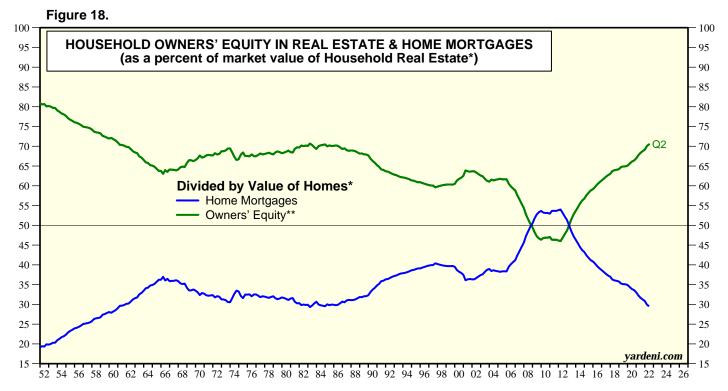
\* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: Haver Analytics and I/B/E/S data by Refinitiv.





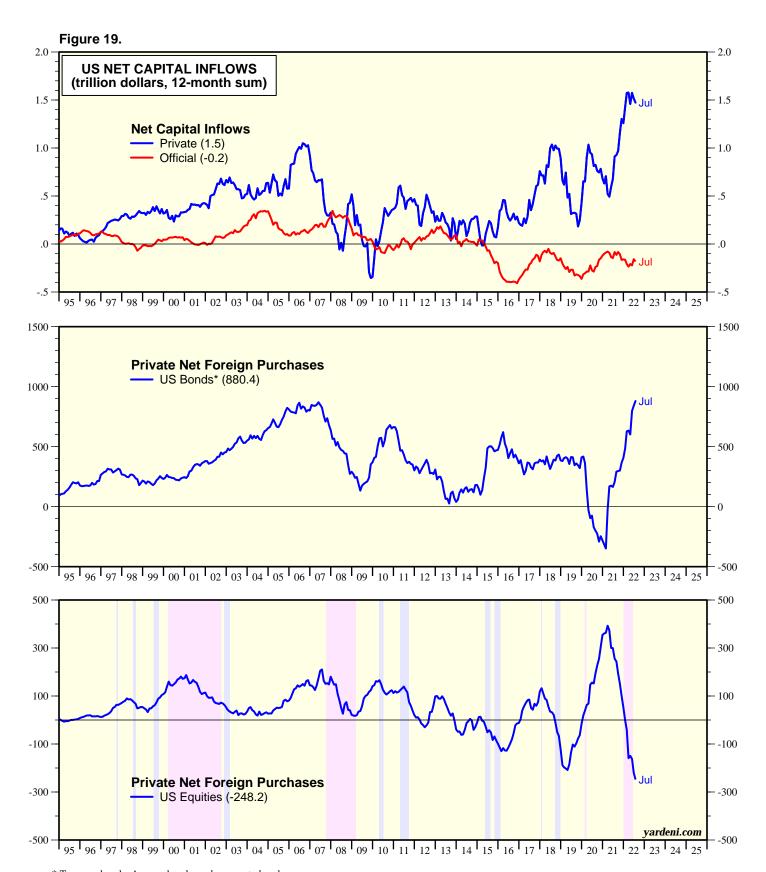
<sup>\*</sup> Total market value of real estate held by households. All types of owner-occupied housing including farm houses and mobile homes, as well as second homes that are not rented, vacant homes for sale, and vacant land.

\*\* Value of household real estate minus home mortgages. Source: Federal Reserve Board Financial Accounts of the United States.



<sup>\*</sup> Total market value of real estate held by households. All types of owner-occupied housing including farm houses and mobile homes, as well as second homes that are not rented, vacant homes for sale, and vacant land.

<sup>\*\*</sup> Value of household real estate minus home mortgages. Source: Federal Reserve Board Financial Accounts of the United States.



<sup>\*</sup> Treasury bonds, Agency bonds, and corporate bonds 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: US Treasury International Capital System.

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