## **Chart Collection for Morning Briefing**

Yardeni Research, Inc.

July 25, 2022

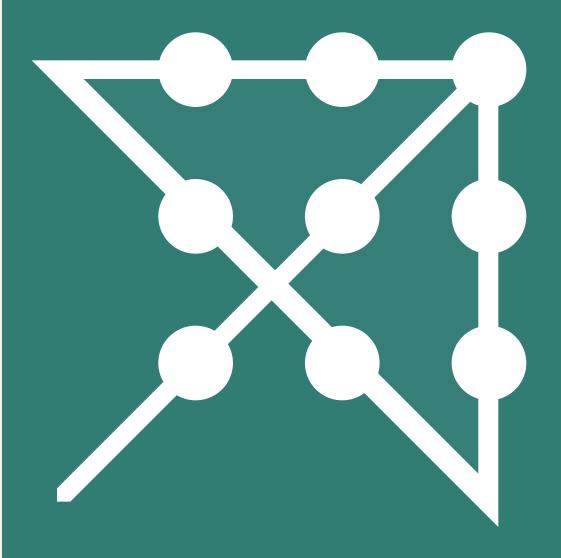
## Dr. Edward Yardeni

516-972-7683 eyardeni@yardeni.com

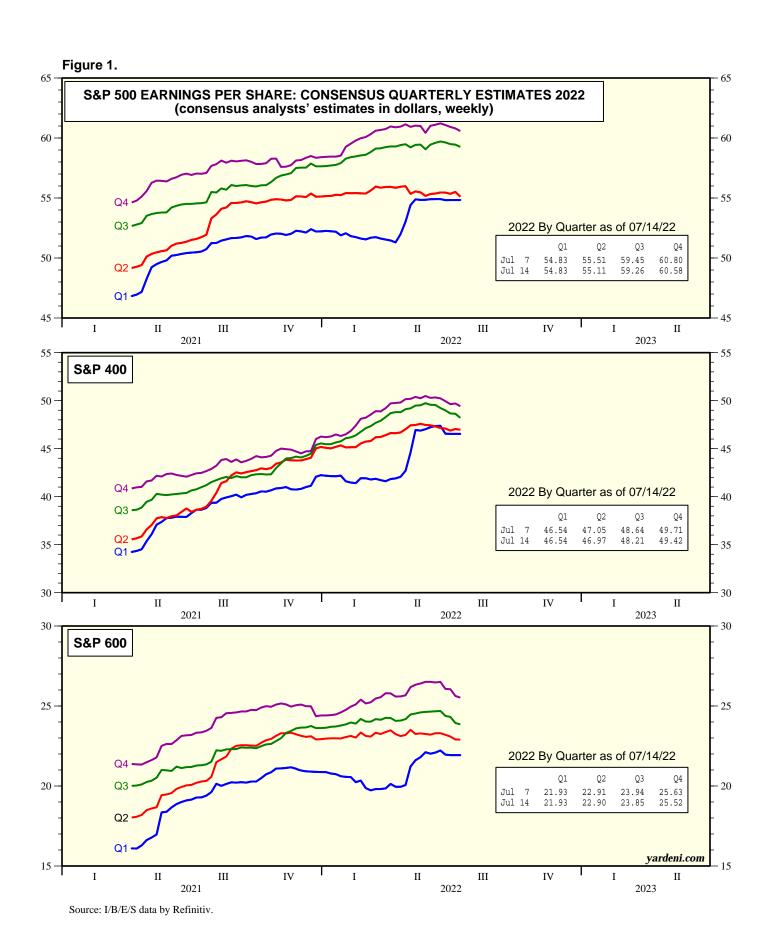
## Mali Quintana

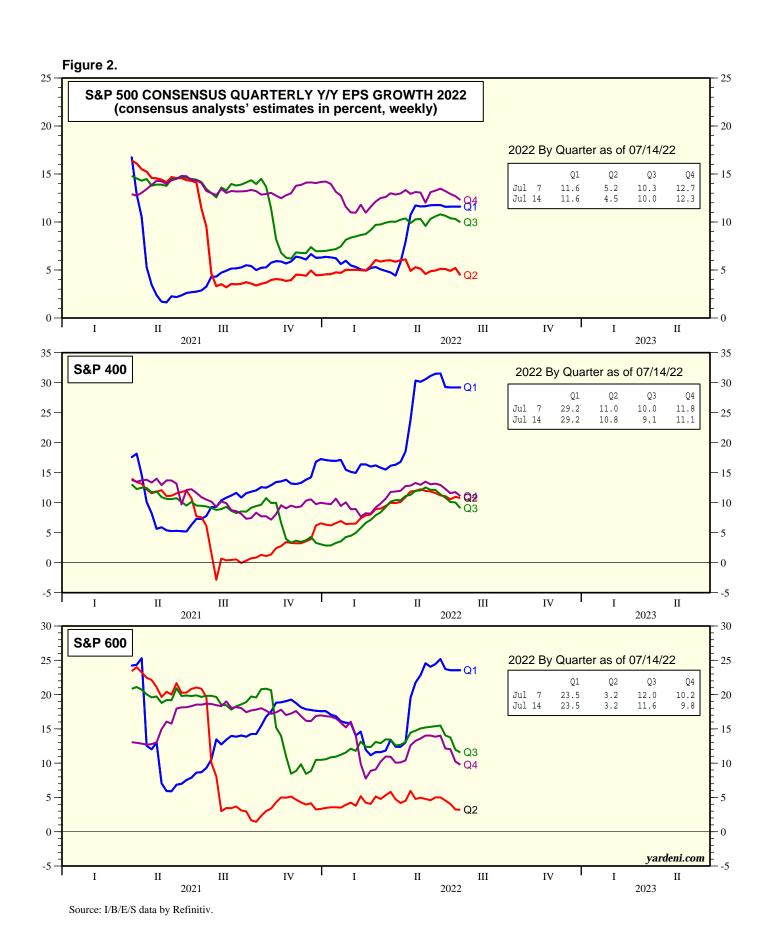
480-664-1333 aquintana@yardeni.com

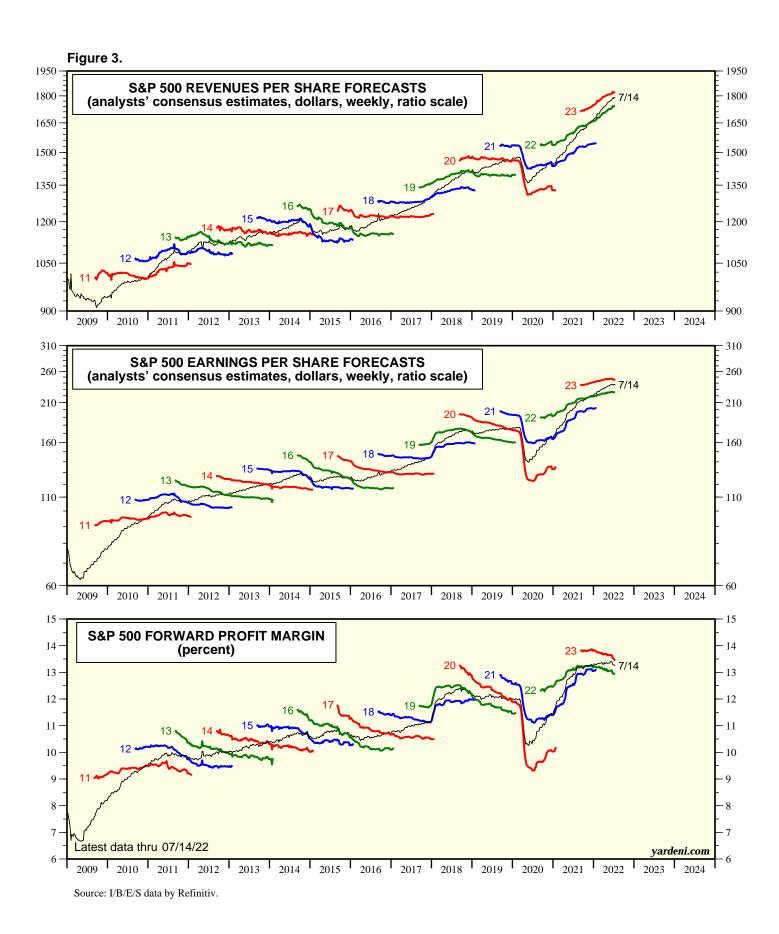
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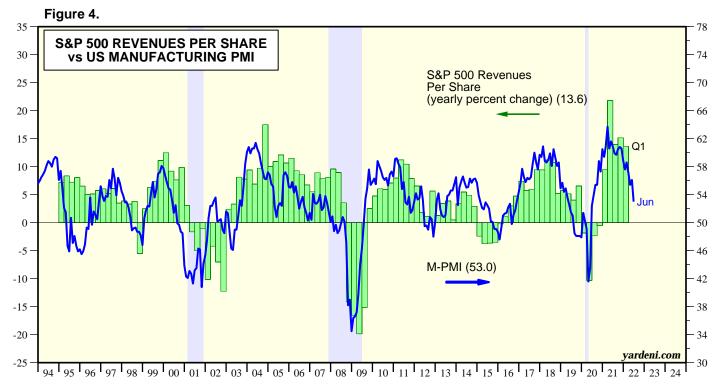


thinking outside the box

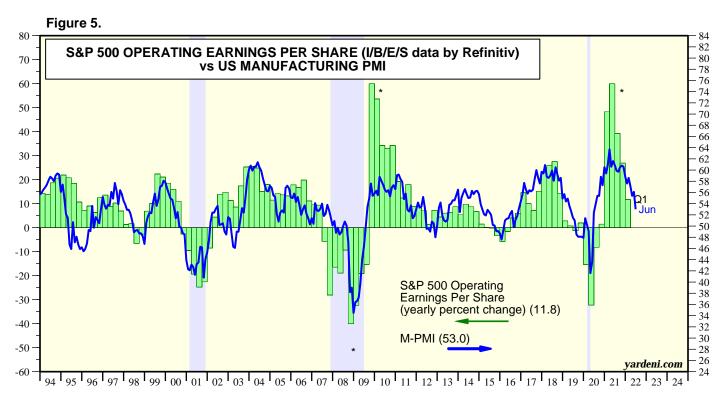




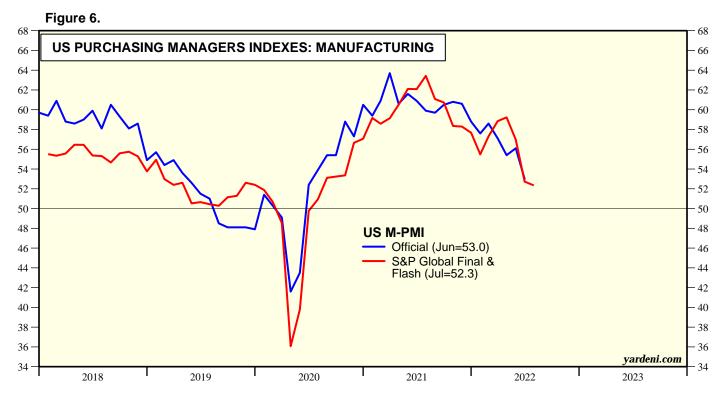




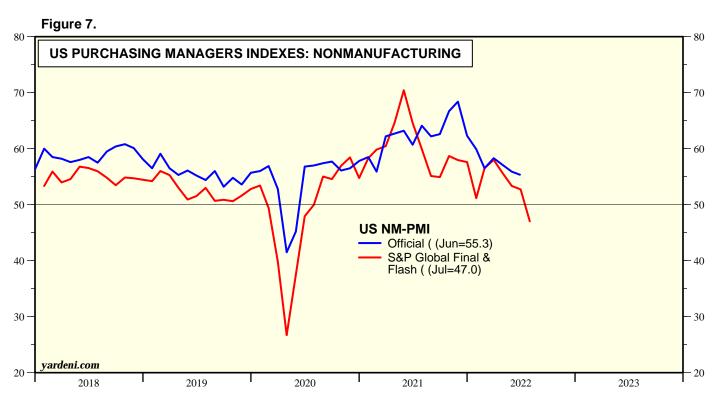
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Standard & Poor's and Institute for Supply Management.



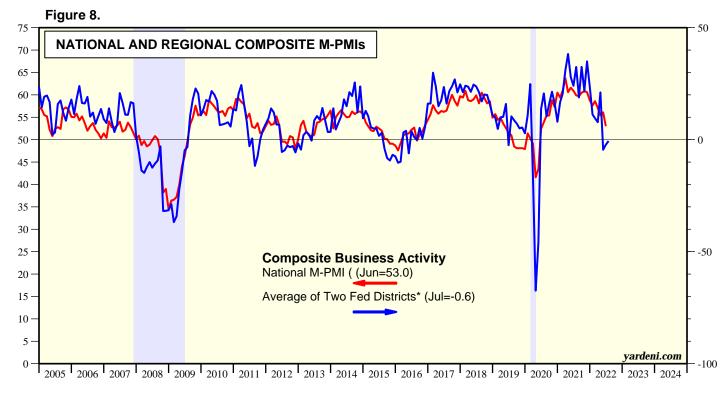
<sup>\*</sup> Due to extreme values, Q4-2008's -65.2% is capped at -40%, Q4-2009's +198.9% and Q2-2021's 88.6% are capped at 60%. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv and Institute for Supply Management.



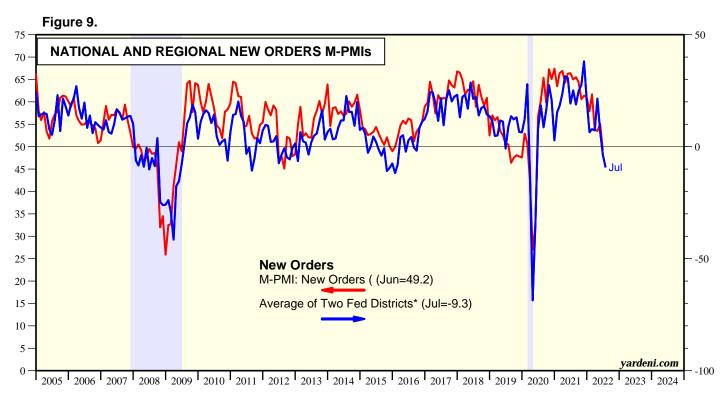
Source: S&P Global/Haver Analytics and Institute for Supply Management.



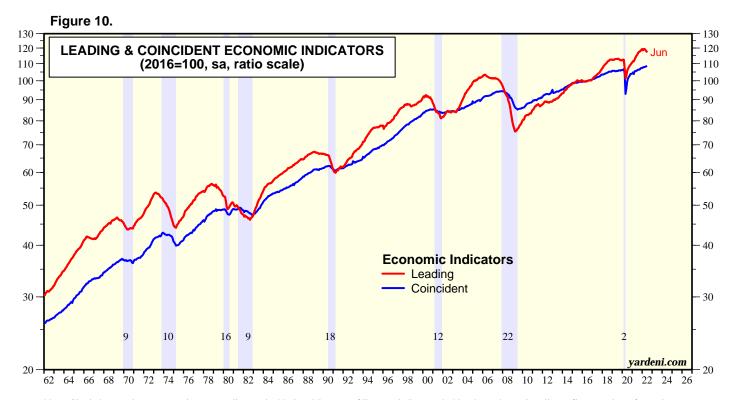
Source: S&P Global/Haver Analytics and Institute for Supply Management.



New York and Philadelphia districts.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York and Philadelphia and Institute for Supply Management.

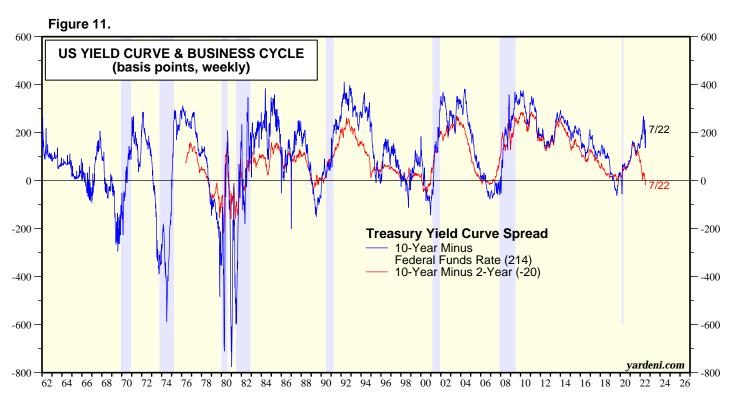


<sup>\*</sup> New York and Philadelphia districts. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Banks of New York and Philadelphia and Institute for Supply Management.

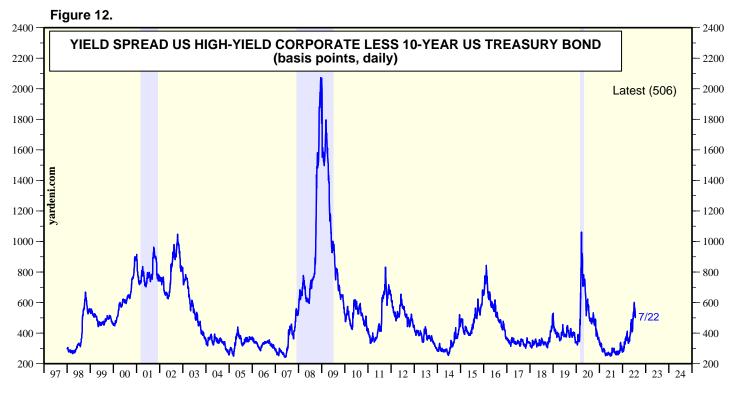


Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Numbers above time line reflect number of months from peak of leading indicators to peak of business cycle.

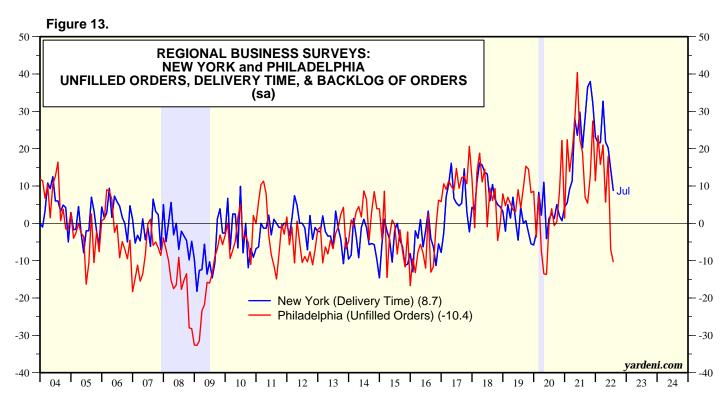
Source: The Conference Board.



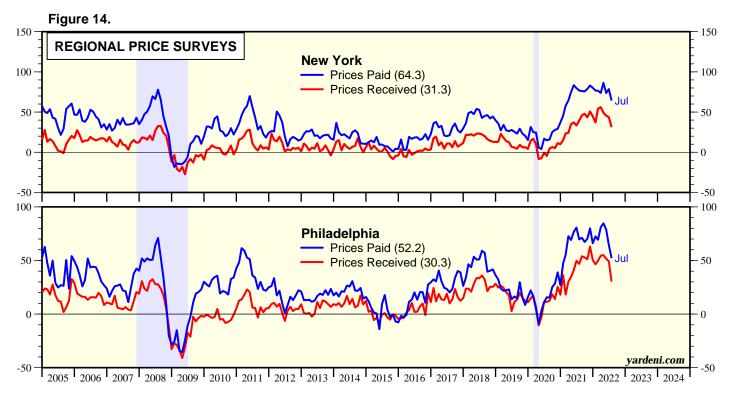
Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Source: Federal Reserve Board.



Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Bank of America Merrill Lynch and Federal Reserve Board.



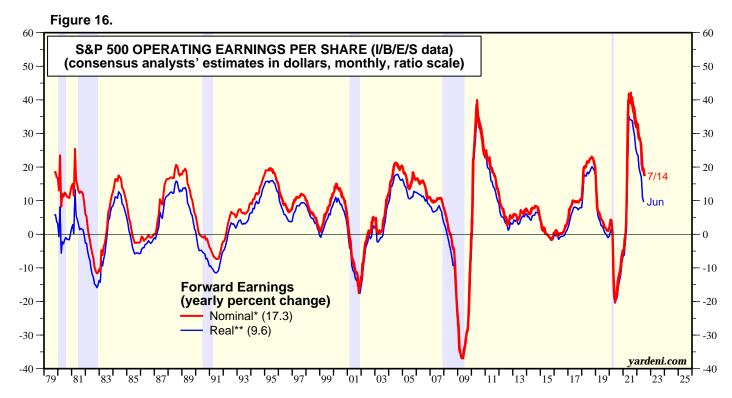
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Banks of New York and Philadelphia.



Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Banks of New York and Philadelphia.



<sup>\*</sup> Time-weighted average of consensus operating earnings estimates for current and next years. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv.



Time-weighted average of consensus operating earnings estimates for current and next years. Nominal forward earnings divided by headline CPI.

Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv.

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