

# Chart Collection for Morning Briefing

Yardeni Research, Inc.

*July 12, 2021*

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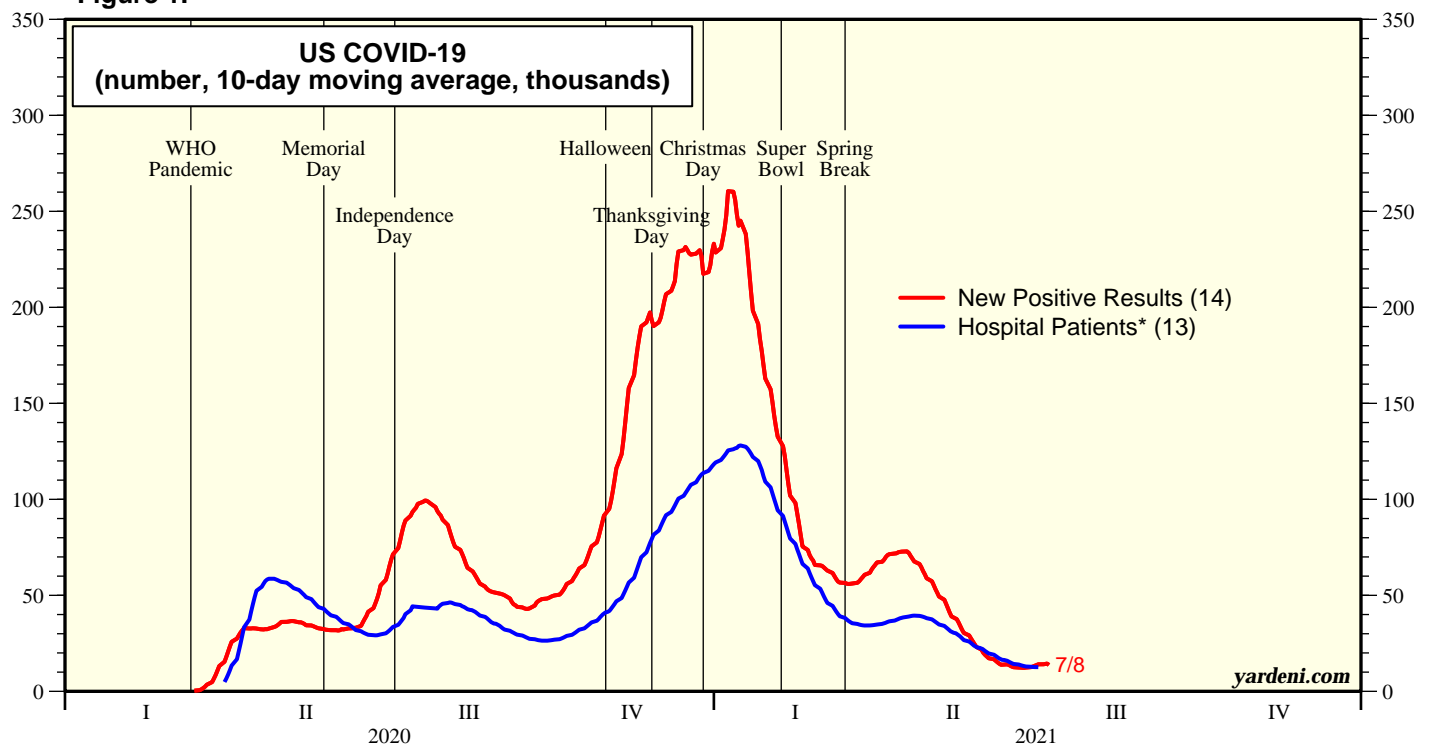
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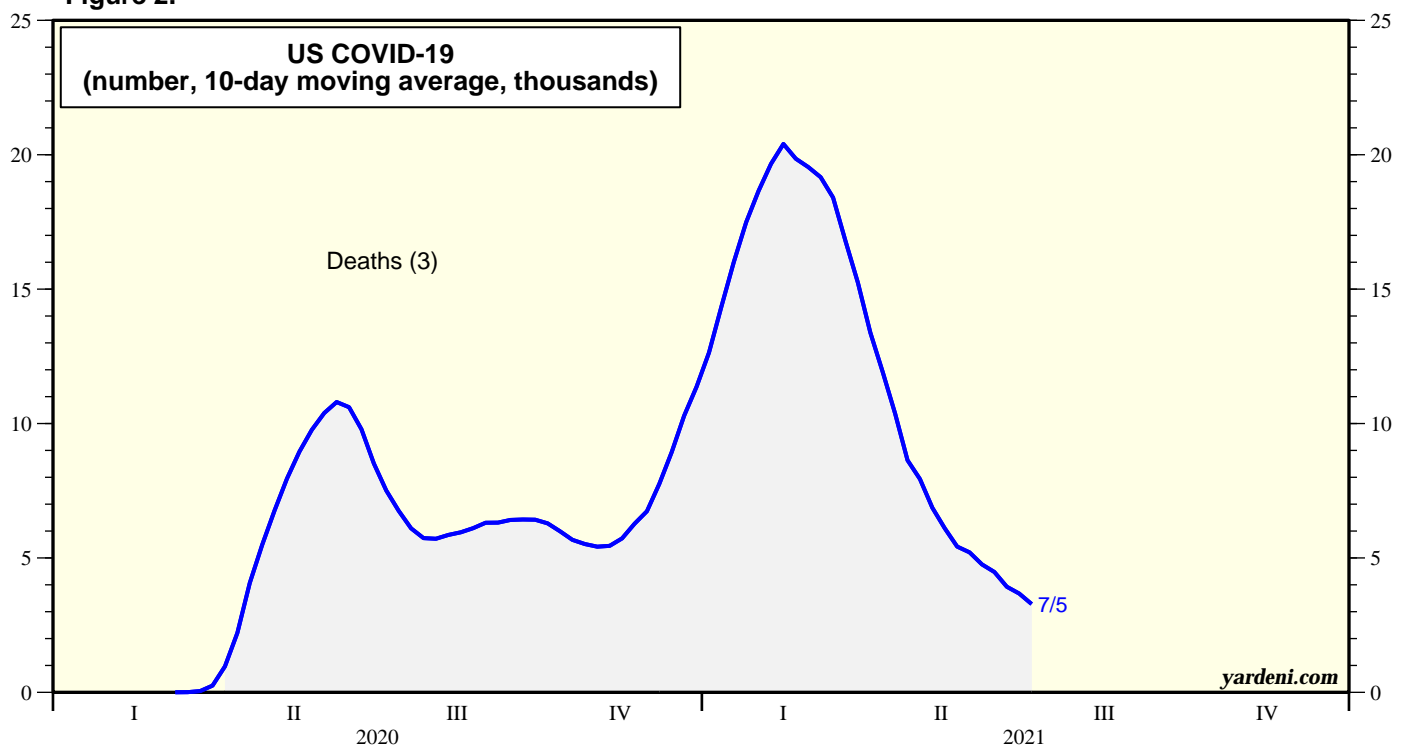
*thinking outside the box*

**Figure 1.**



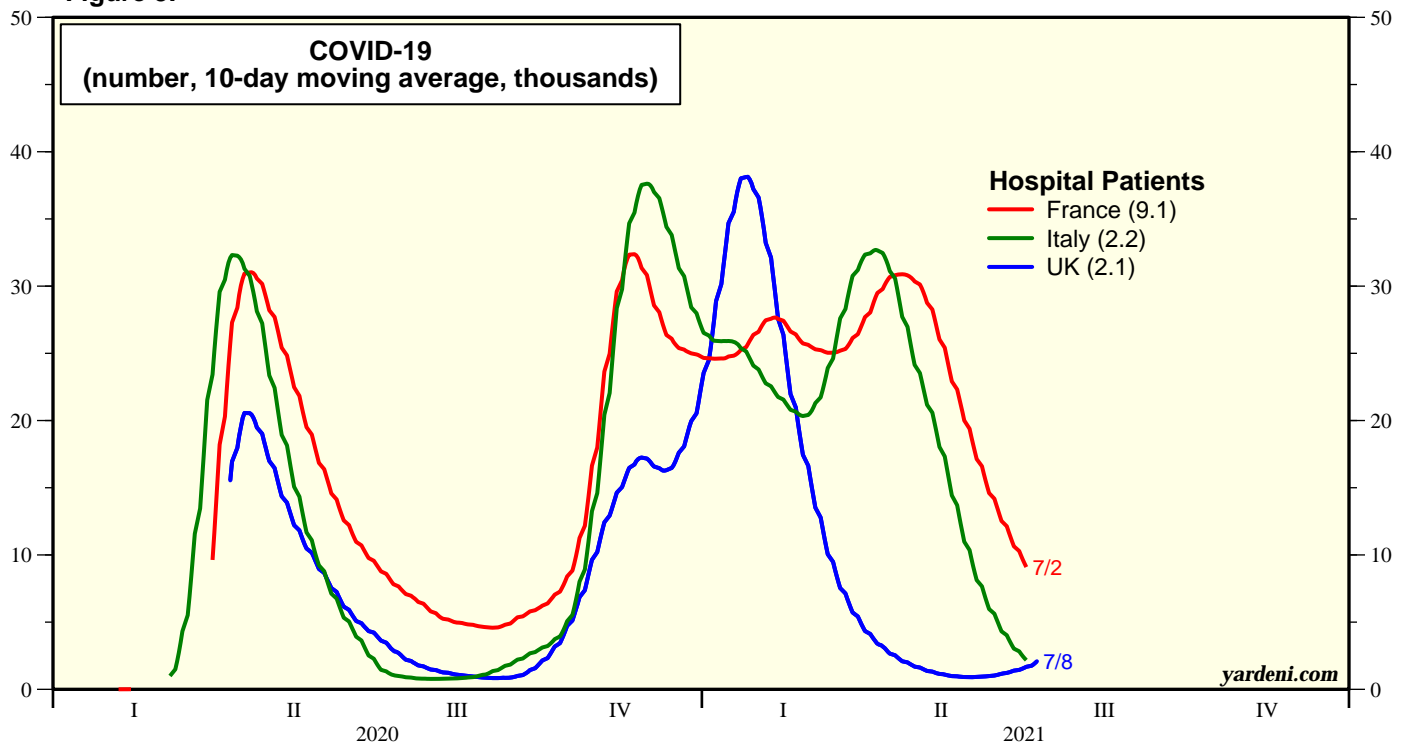
\* Note: Data for hospital patients from July 2020 to the present is from Oxford University, prior to that data is from COVID Tracking Project.  
 Source: Department of Health & Human Services, Centers for Disease Control & Prevention, COVID Tracking Project and Oxford University.

**Figure 2.**



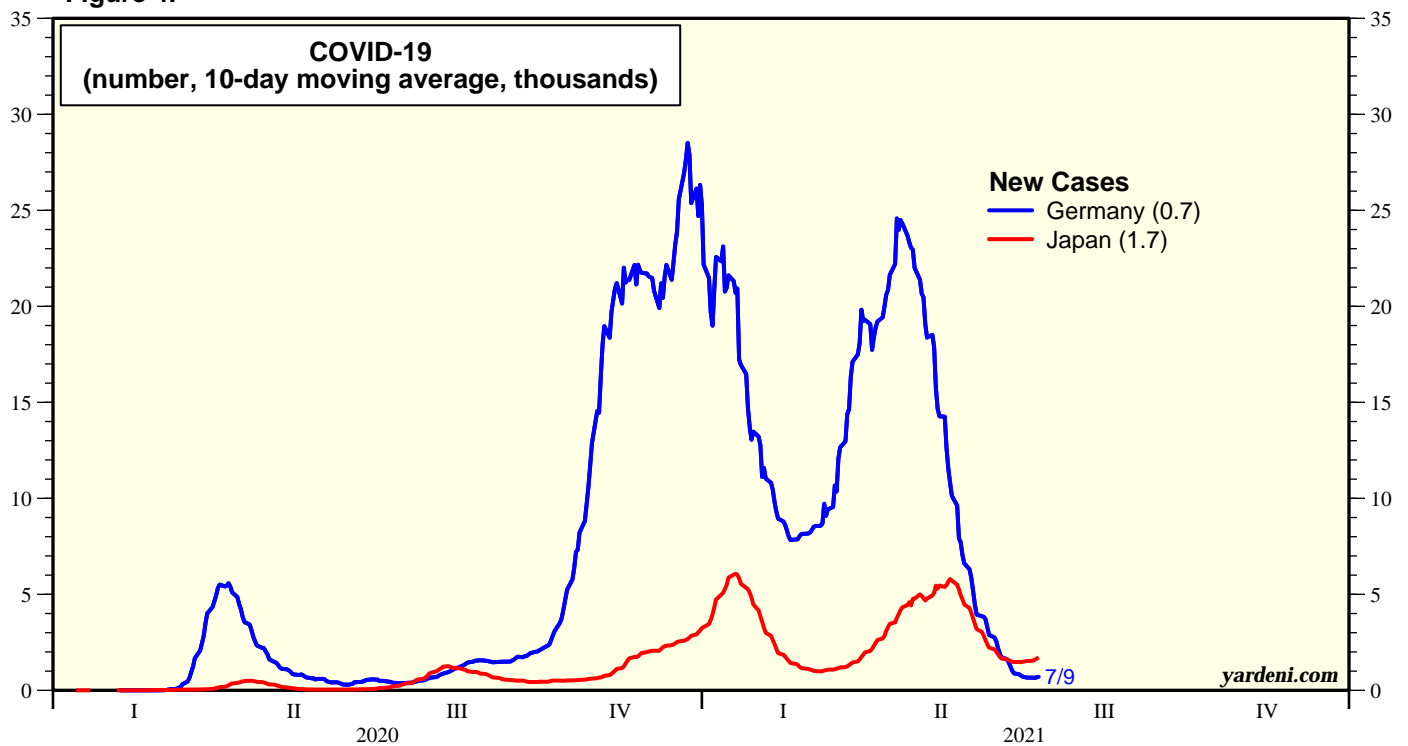
Source: European Centre for Disease Prevention and Control.

Figure 3.



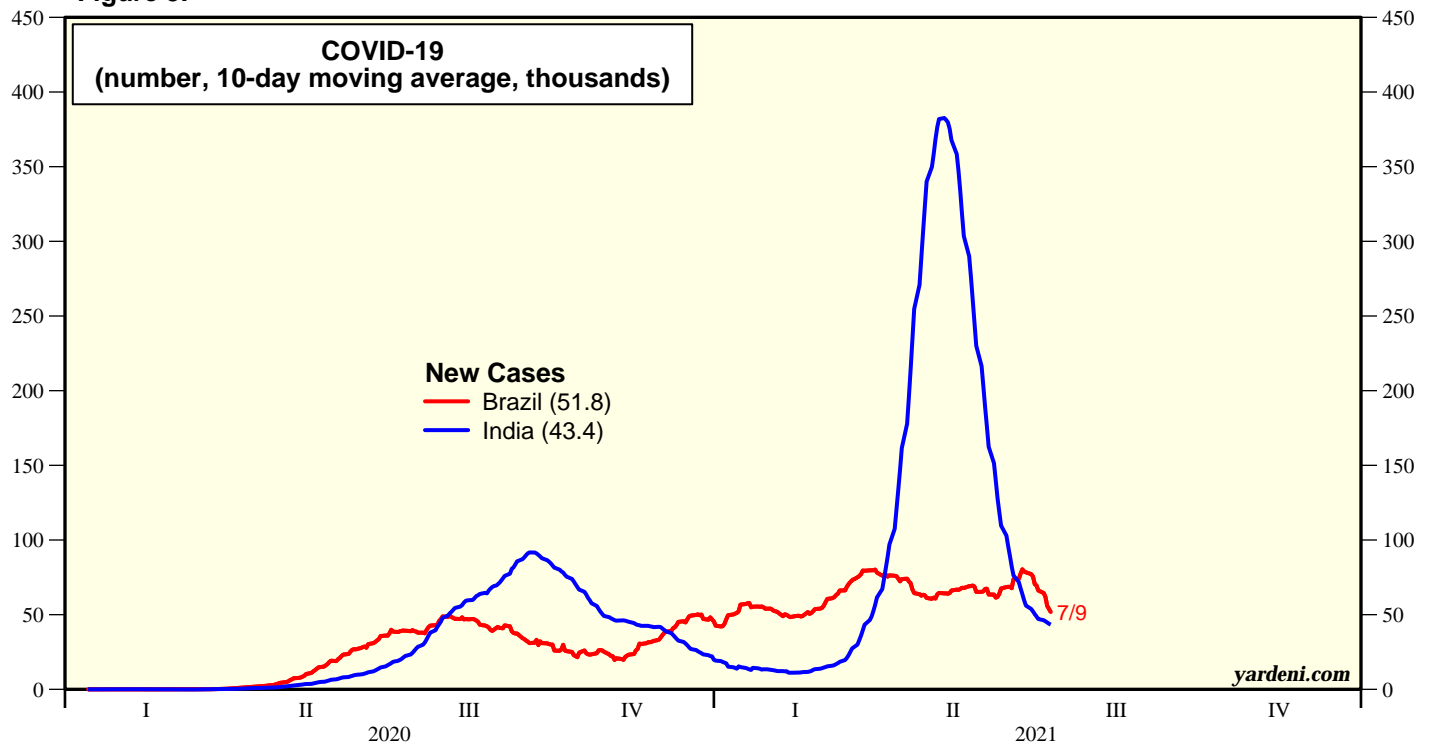
Source: Oxford University.

Figure 4.

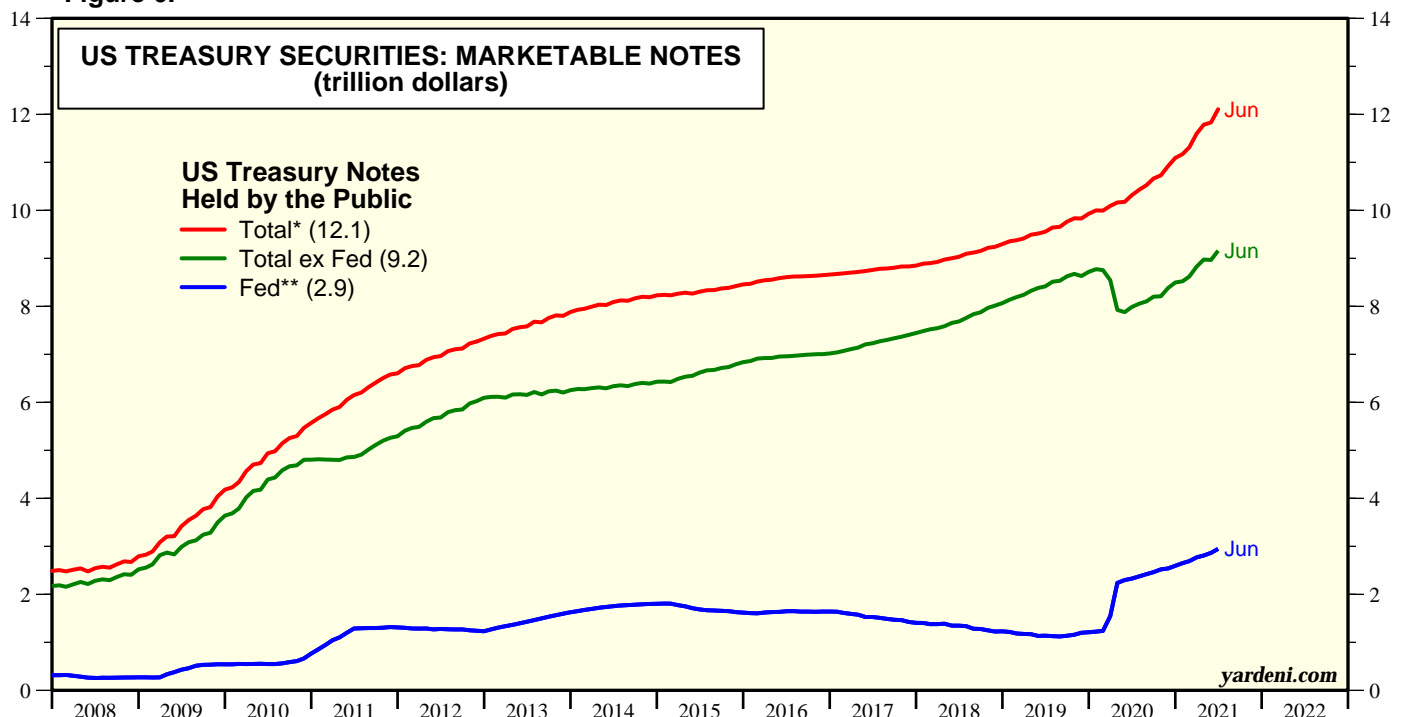


Source: Oxford University.

**Figure 5.**



**Figure 6.**

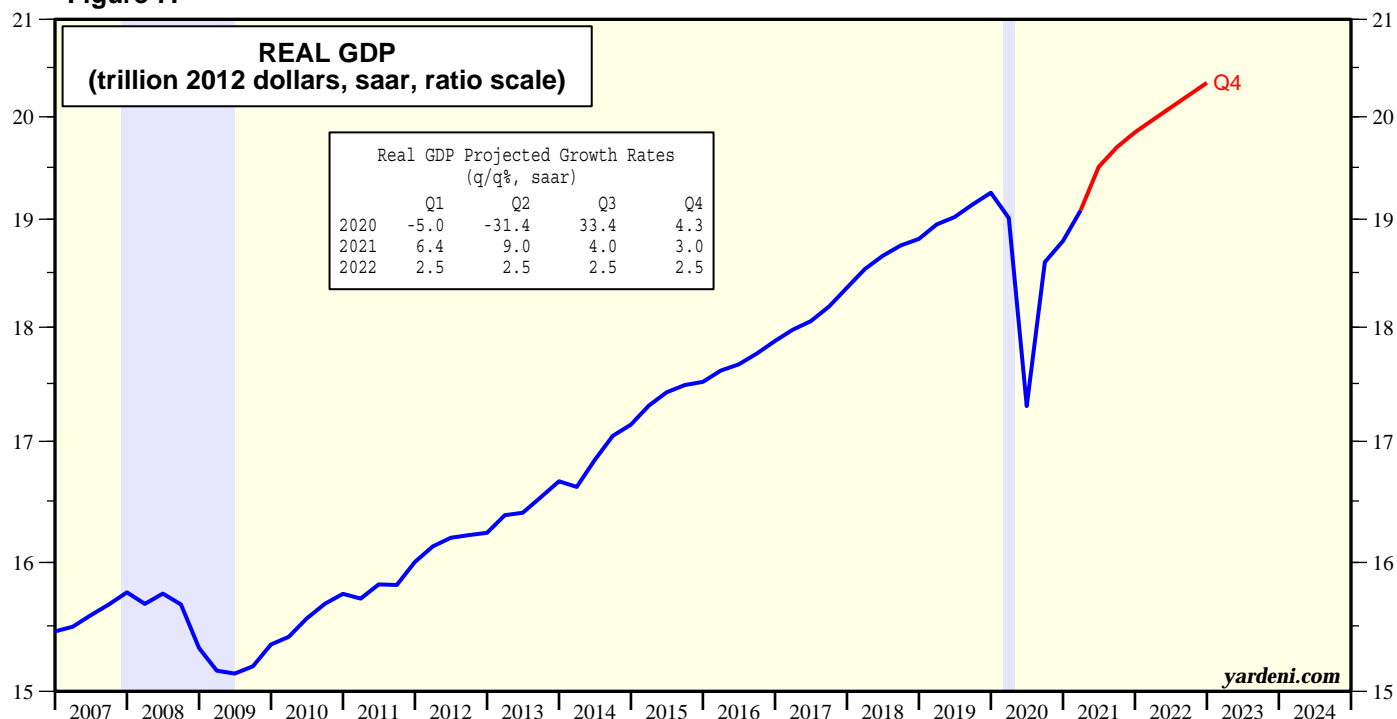


\* Including held by the Fed.

\*\* 1-10 years maturities.

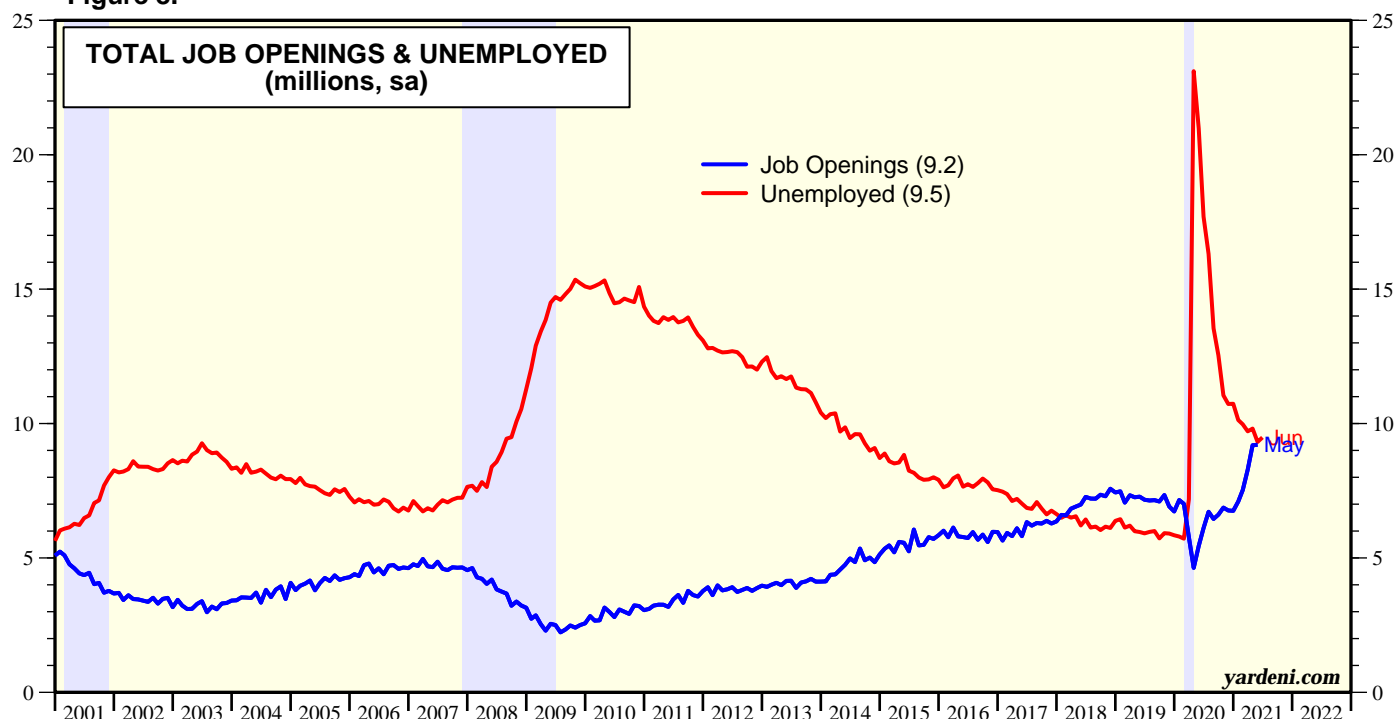
Source: Federal Reserve Board and US Treasury Department, Monthly Statement of the Public Debt of the United States.

**Figure 7.**



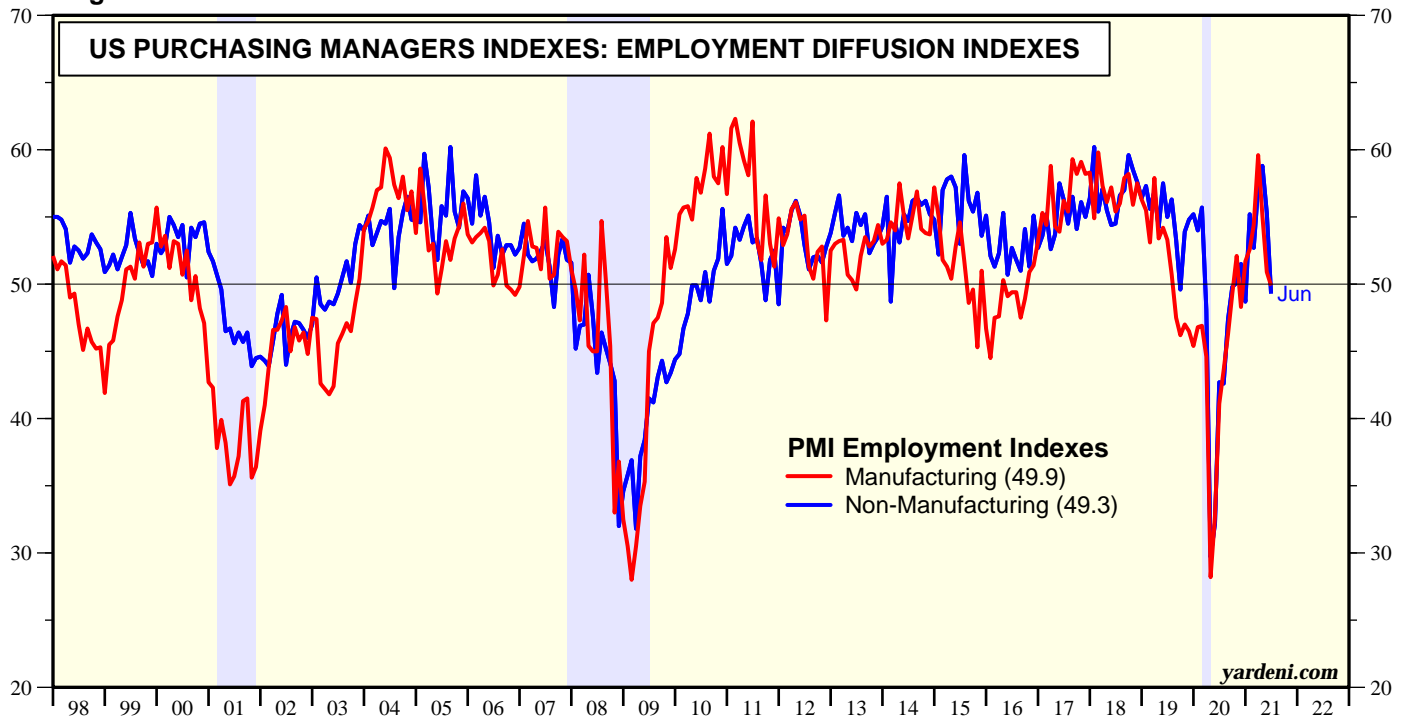
\* Red line is YRI forecast for Q2-2021 through Q4-2022.  
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Bureau of Economic Analysis.

**Figure 8.**



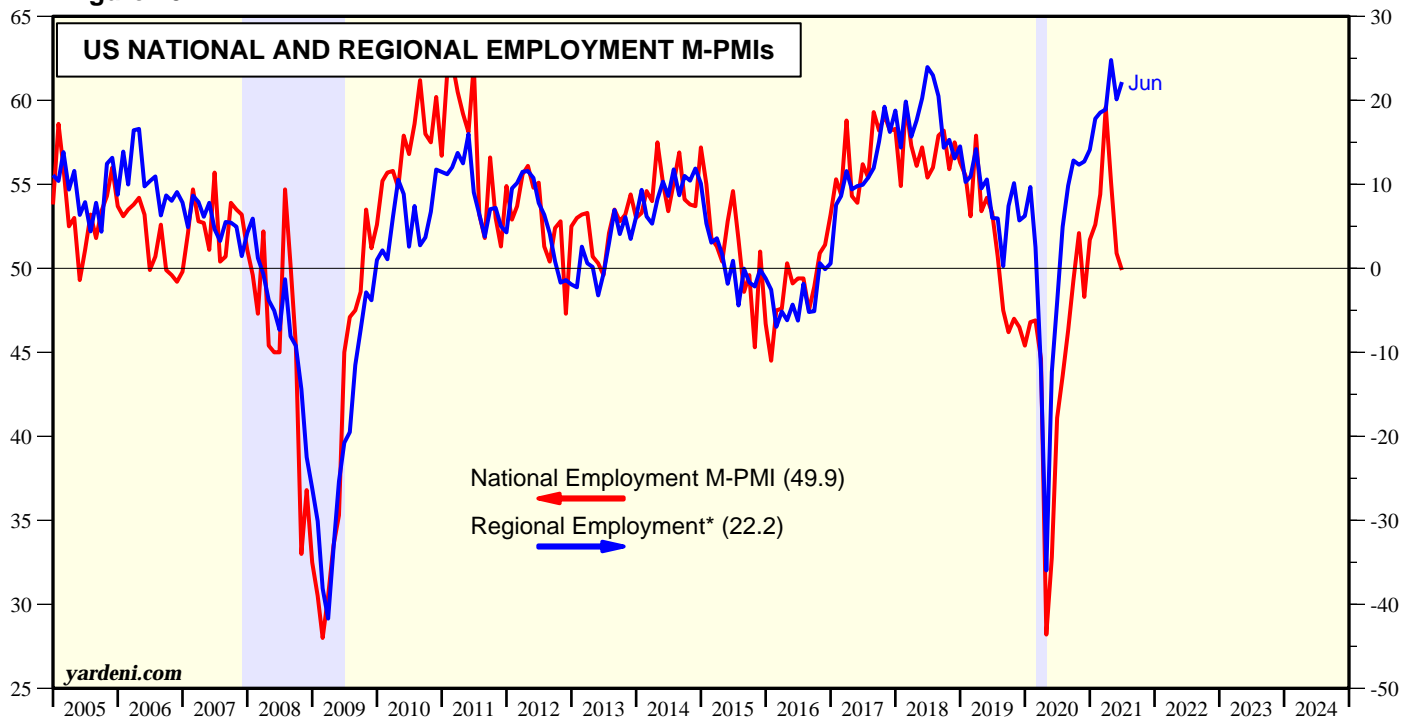
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Bureau of Labor Statistics.

**Figure 9.**



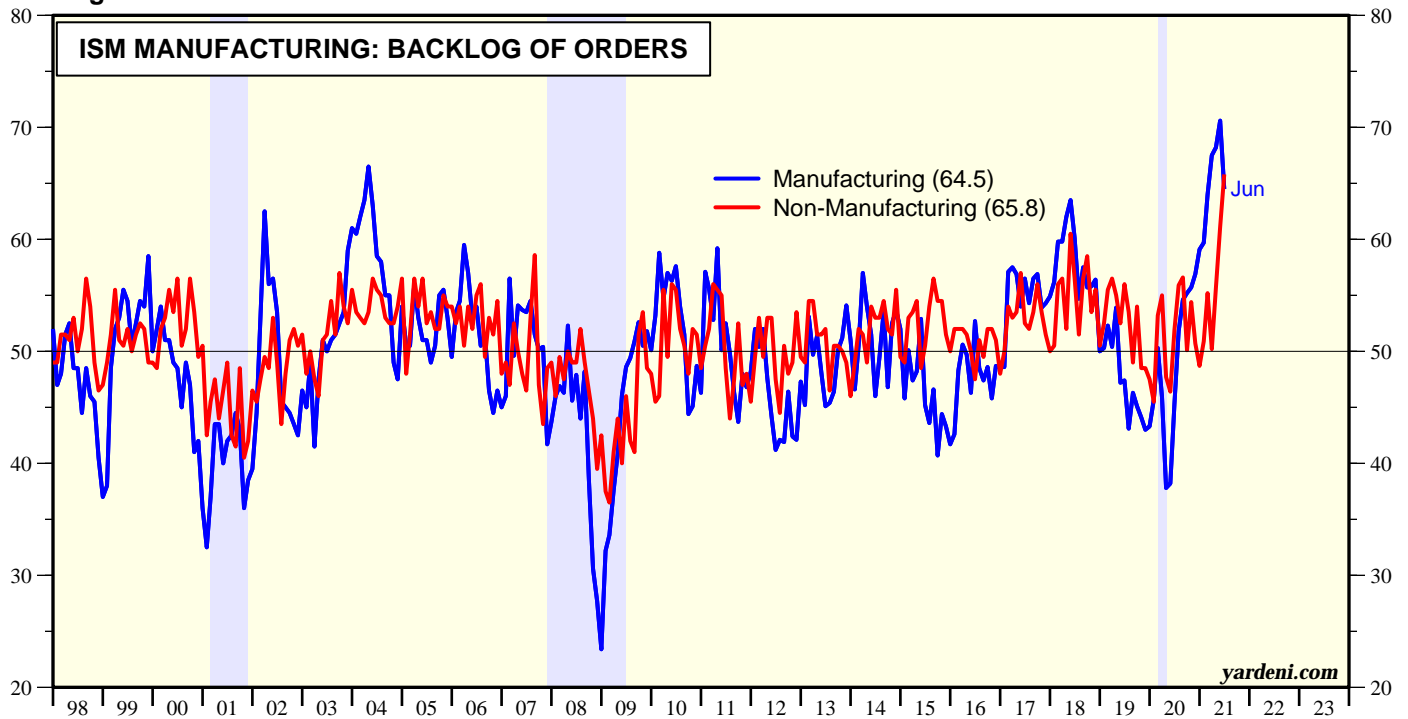
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Institute for Supply Management.

**Figure 10.**



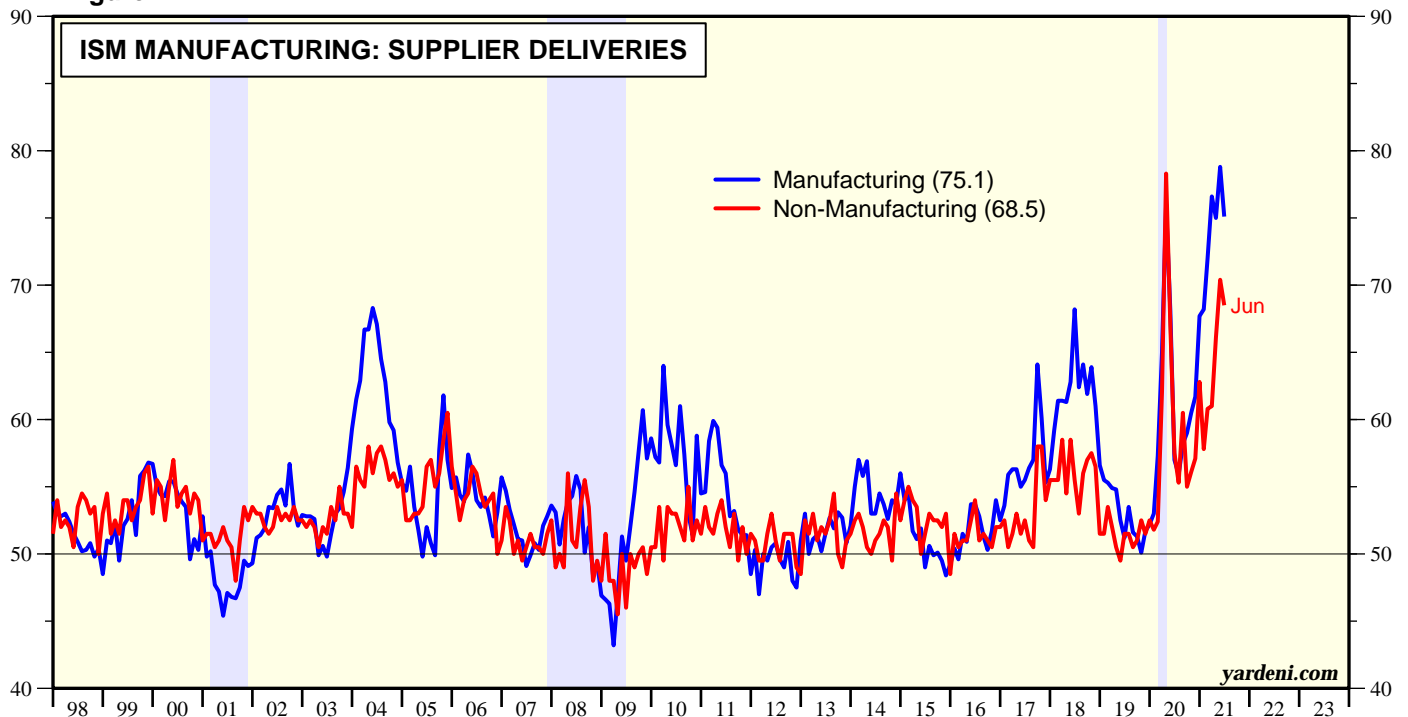
\* Average of New York, Philadelphia, Richmond, Kansas City, and Dallas  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Institute of Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse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

**Figure 11.**



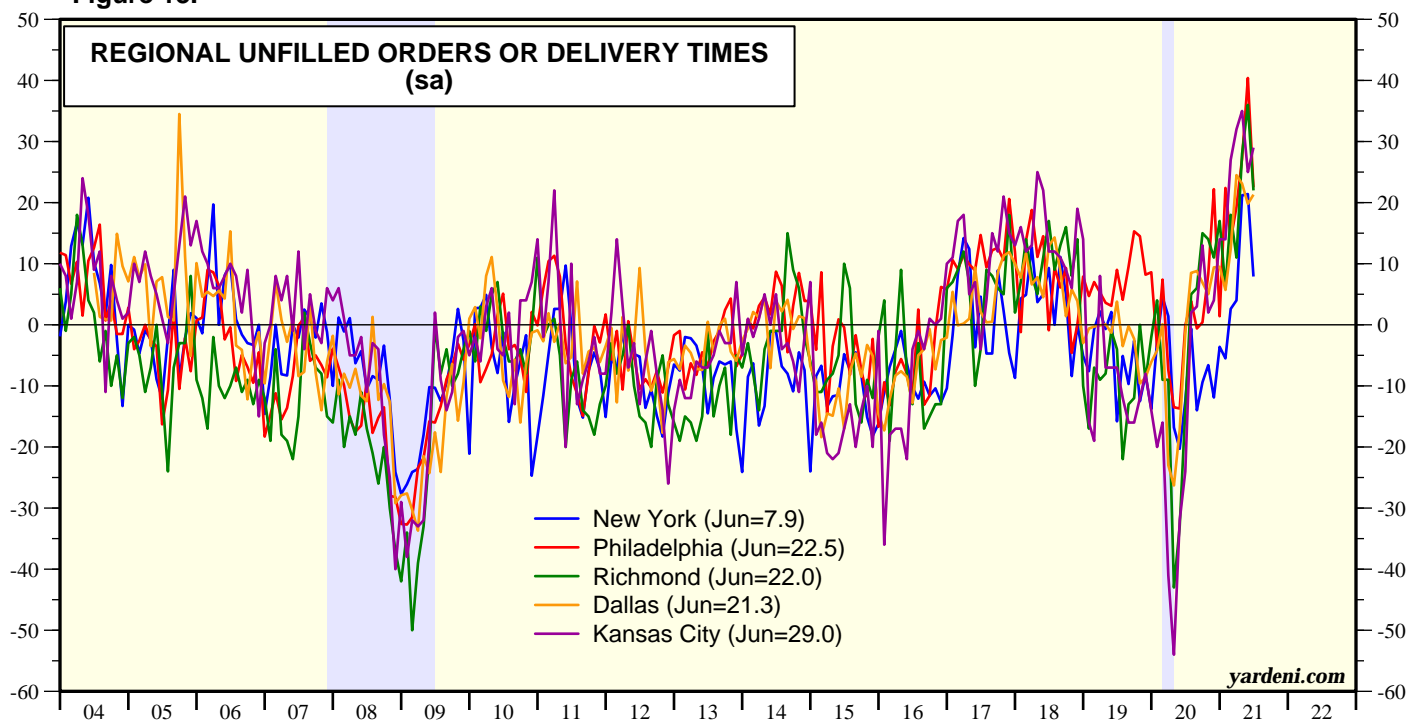
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Institute of Supply Management.

**Figure 12.**



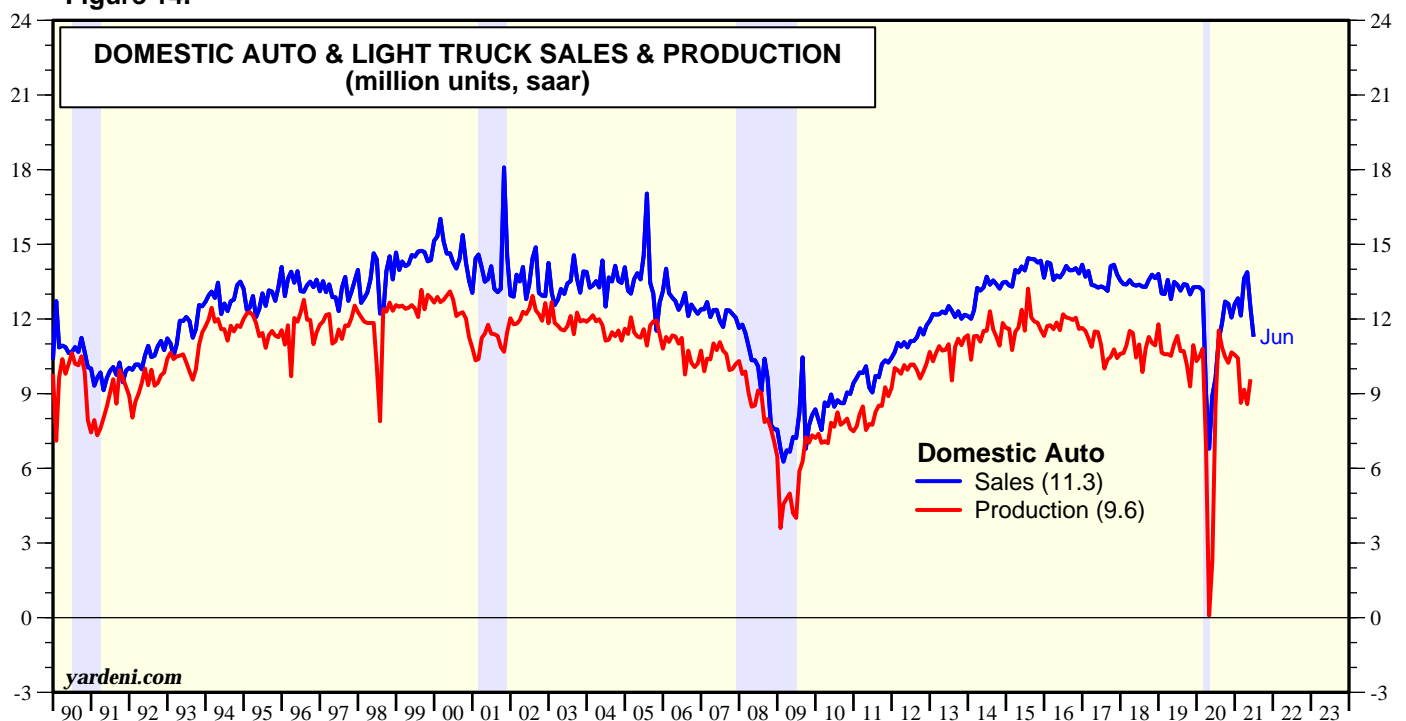
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Institute of Supply Management.

**Figure 13.**



\* Regional Fed Survey.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Haver Analytics.

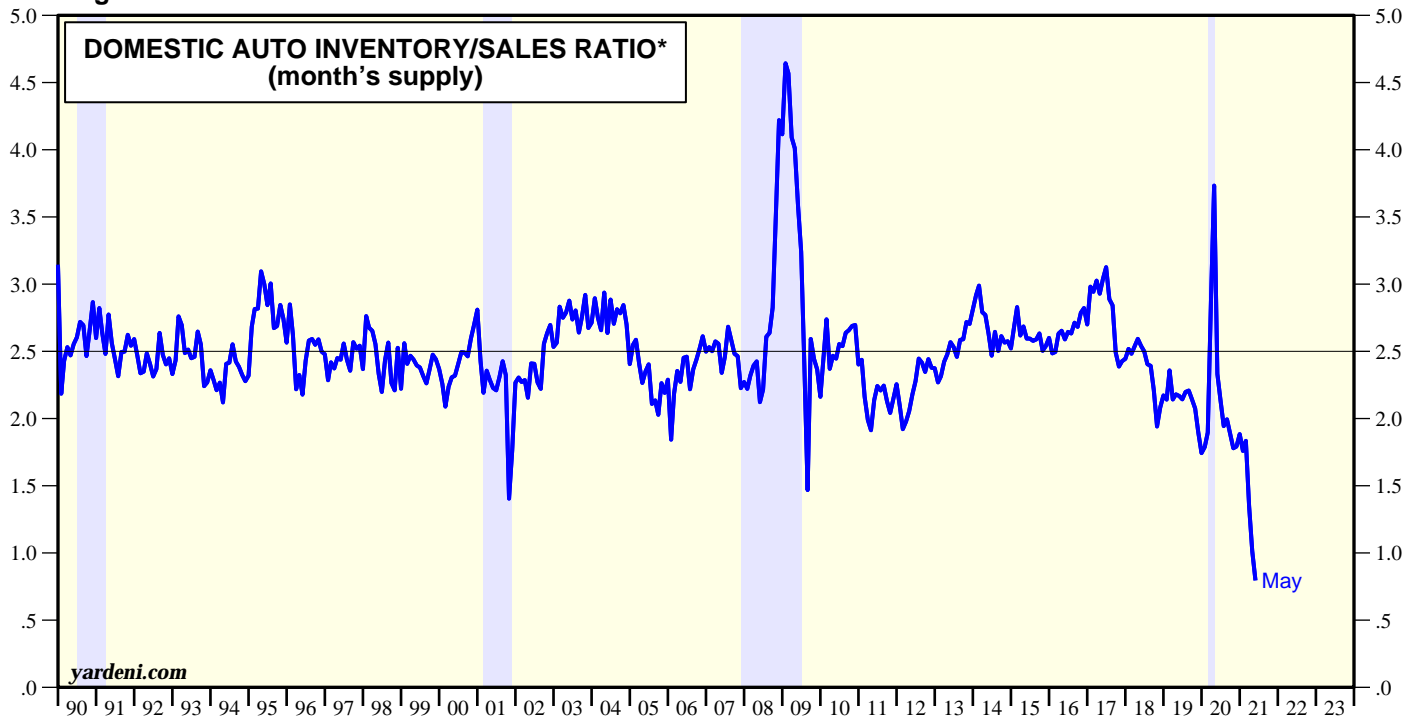
**Figure 14.**



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

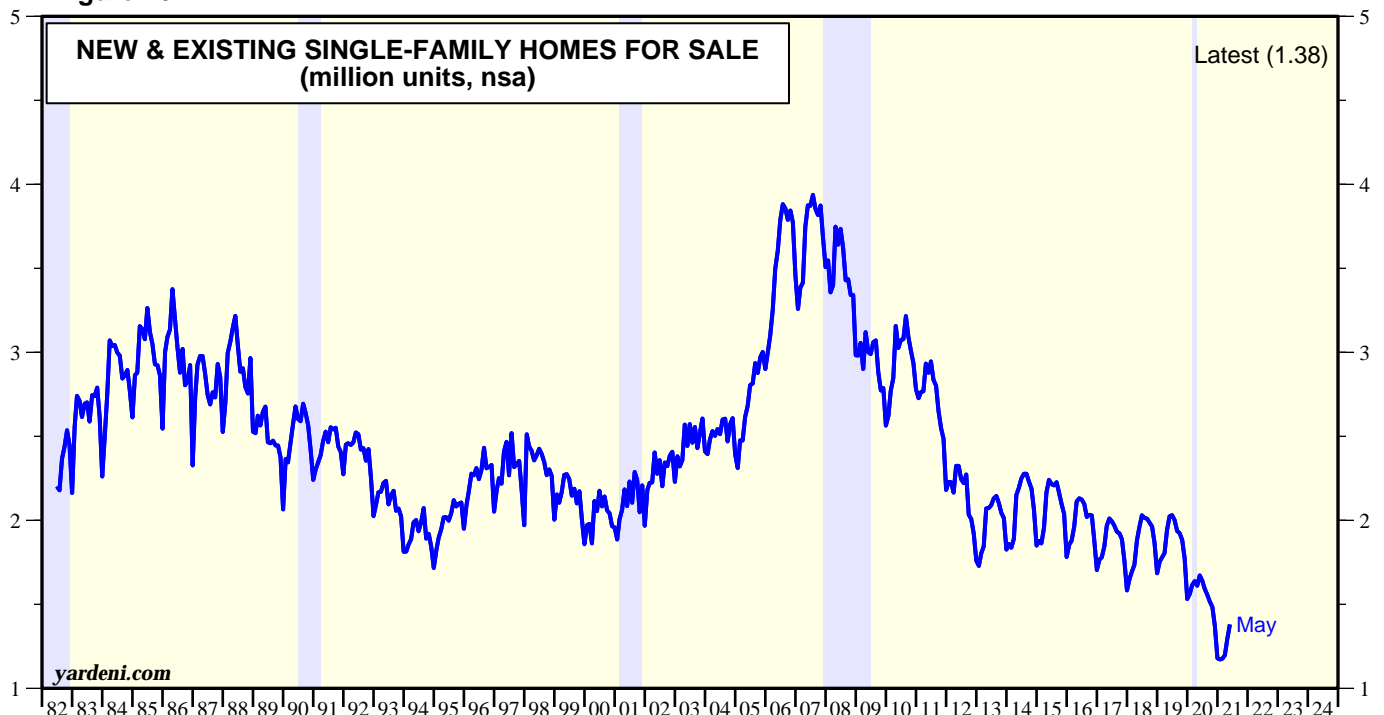


**Figure 15.**



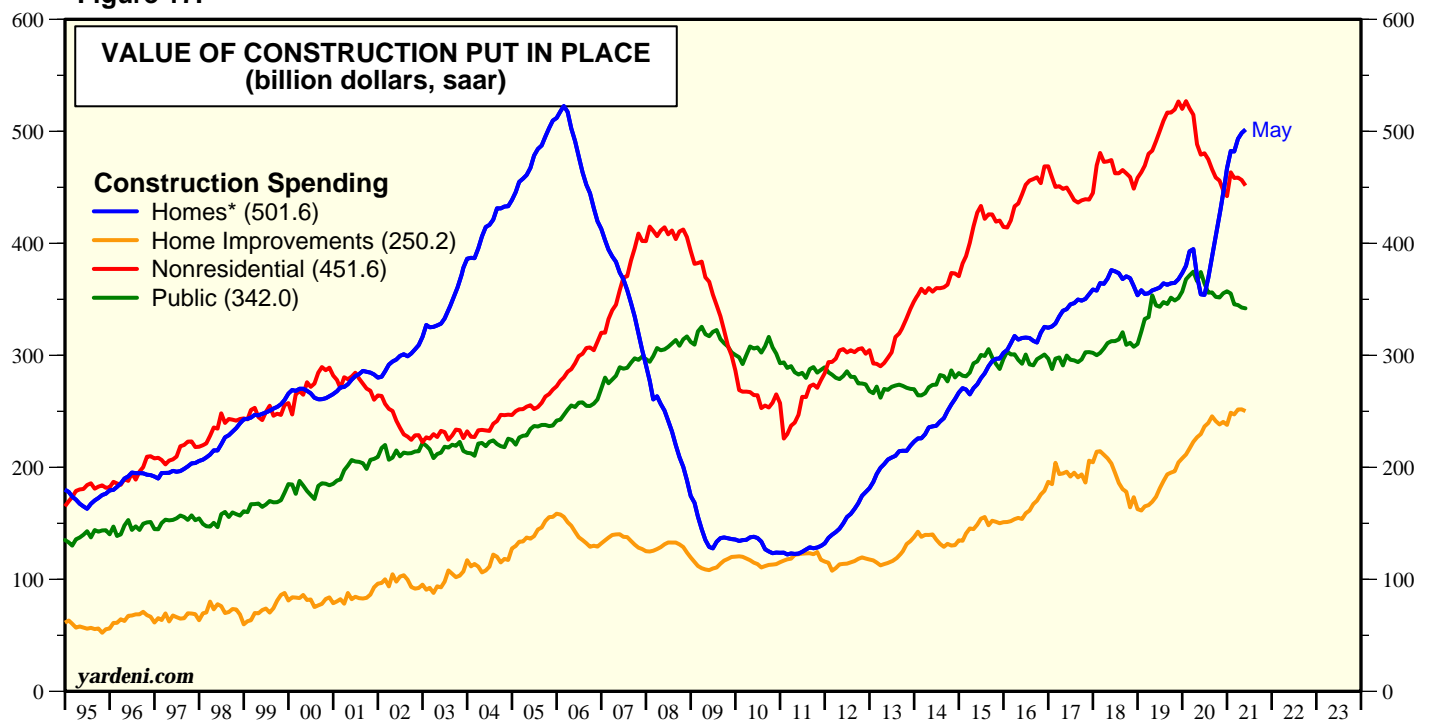
\* Autos produced in US, Canada, and Mexico and sold in US.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Bureau of Economic Analysis.

**Figure 16.**



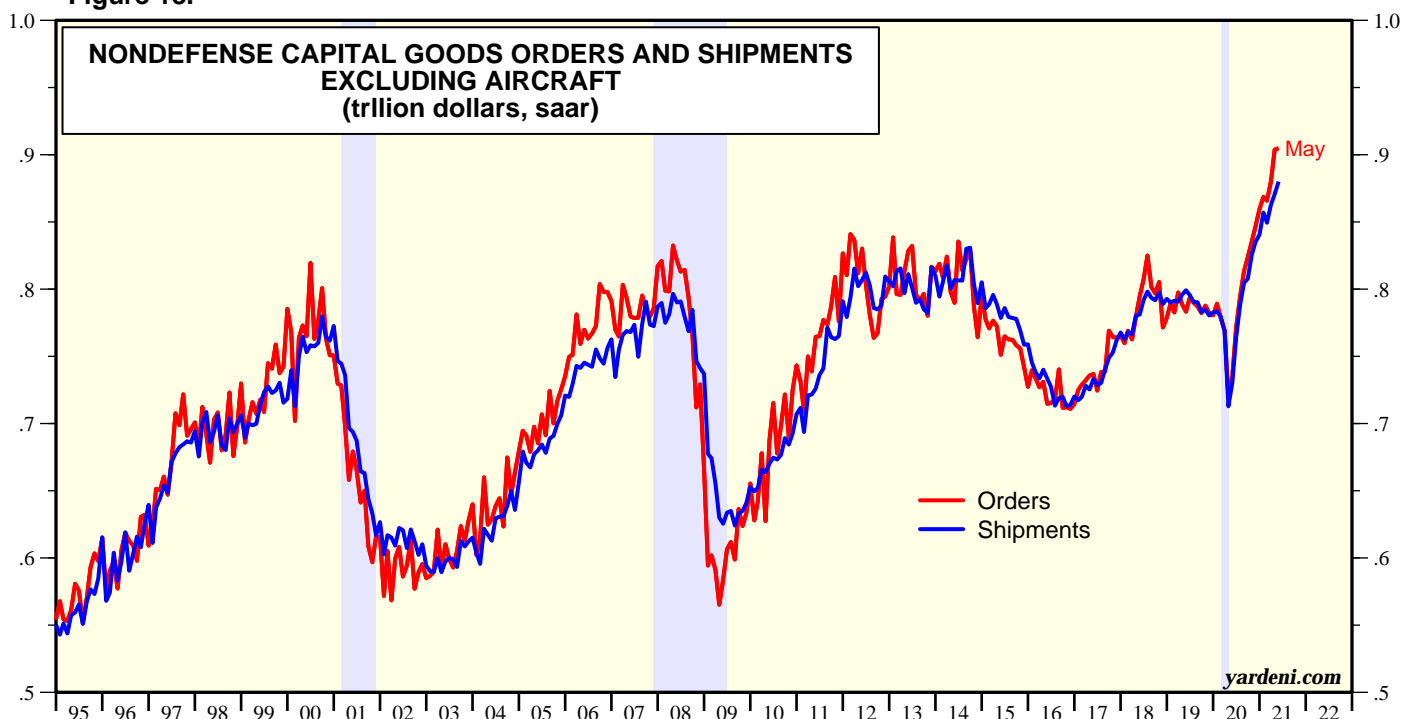
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: National Association of Realtors and Census Bureau.

Figure 17.



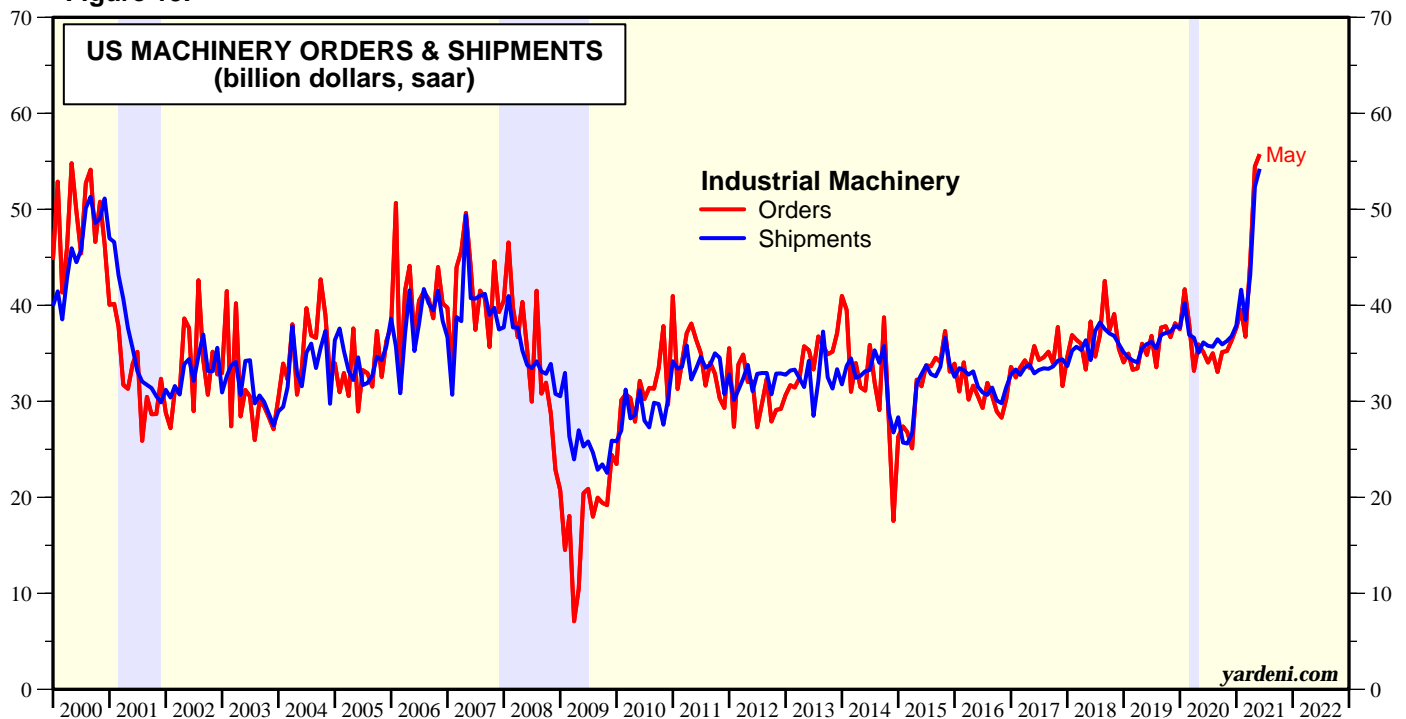
\* Includes single-family and multi-family homes.  
Source: Census Bureau.

Figure 18.



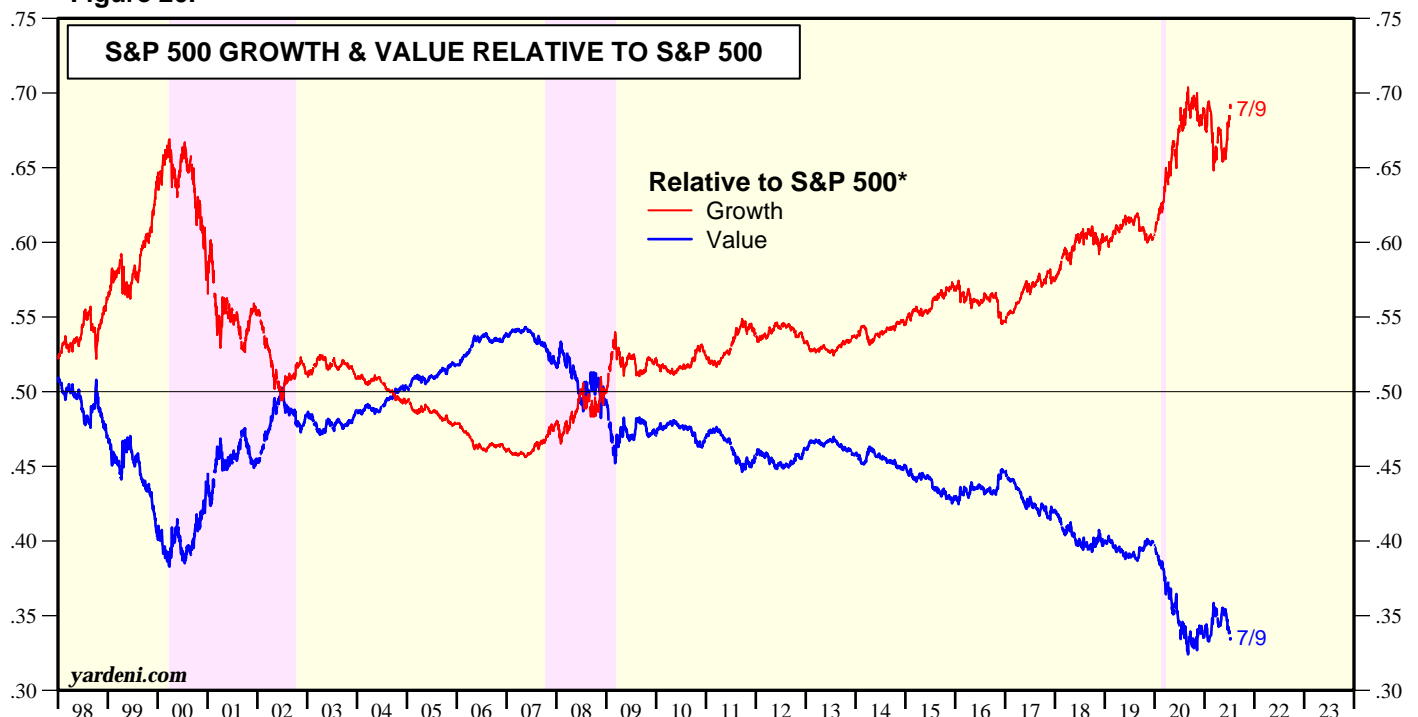
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Census Bureau.

Figure 19.



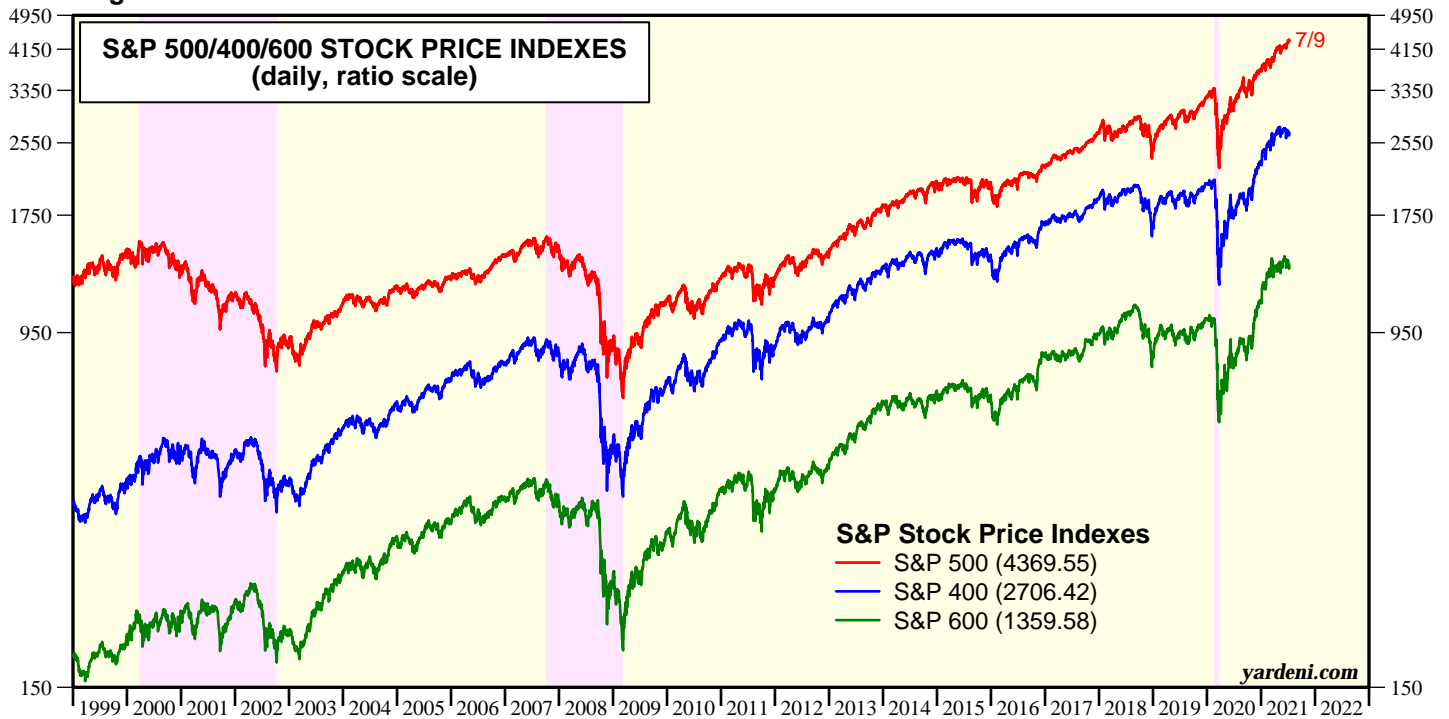
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Bureau of Census.

Figure 20.



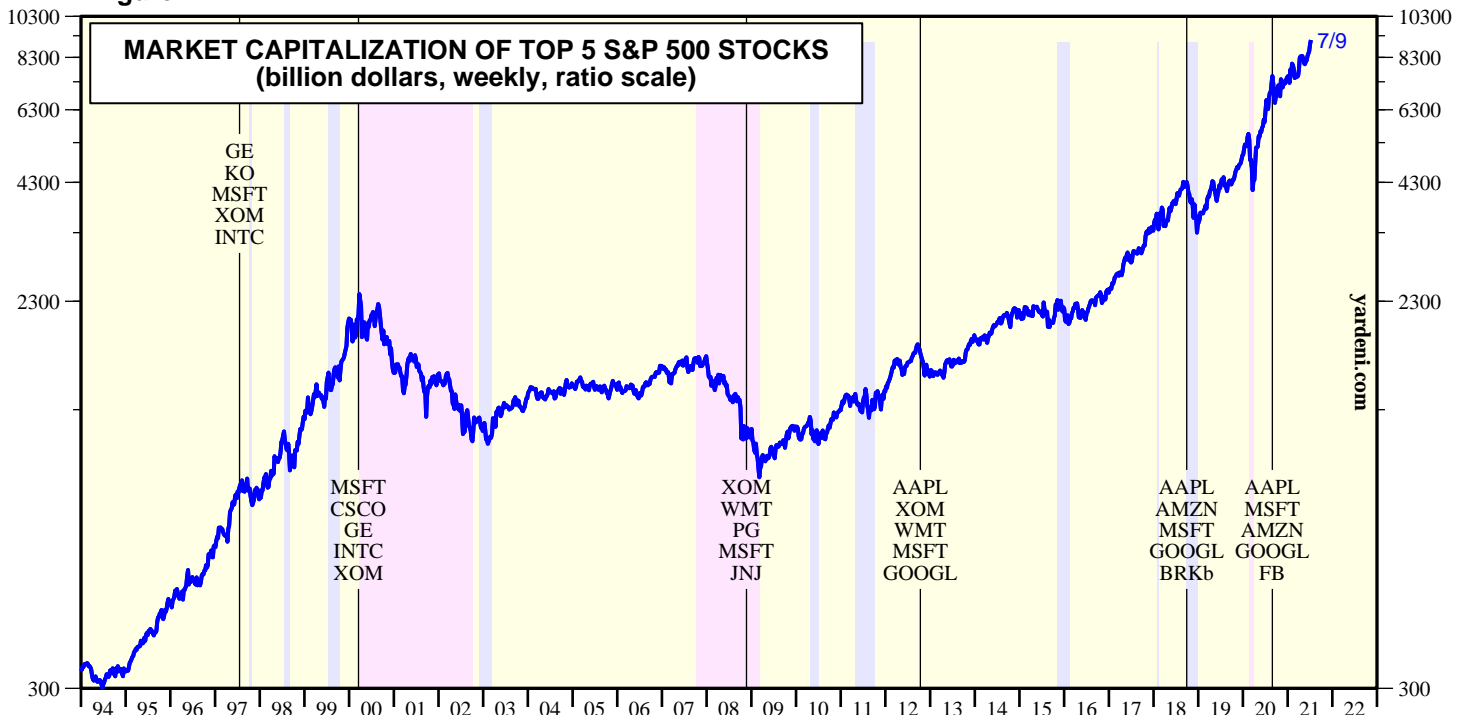
\* Rising (falling) line indicates that the index is outperforming (underperforming) the S&P 500.  
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%.  
Yellow areas are bull markets.  
Source: Standard & Poor's and Haver Analytics.

Figure 21.



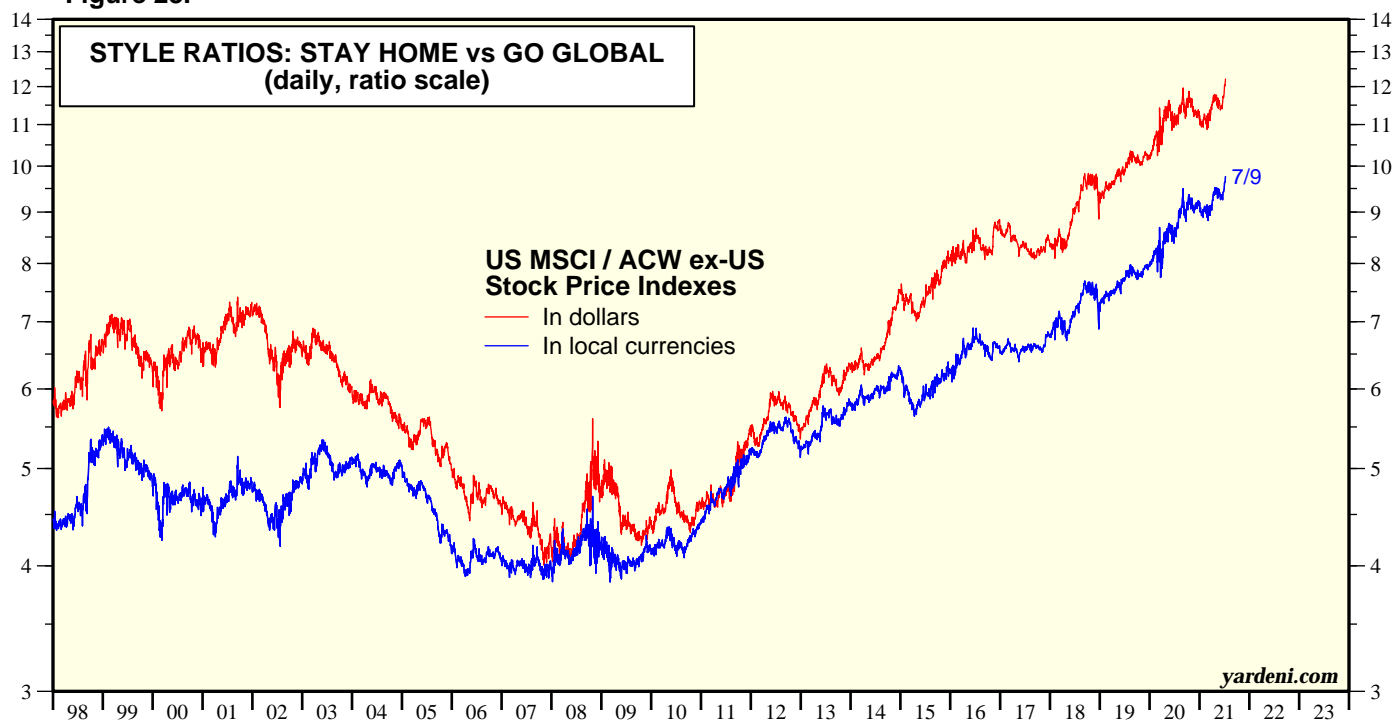
Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.  
Source: Standard & Poor's.

Figure 22.



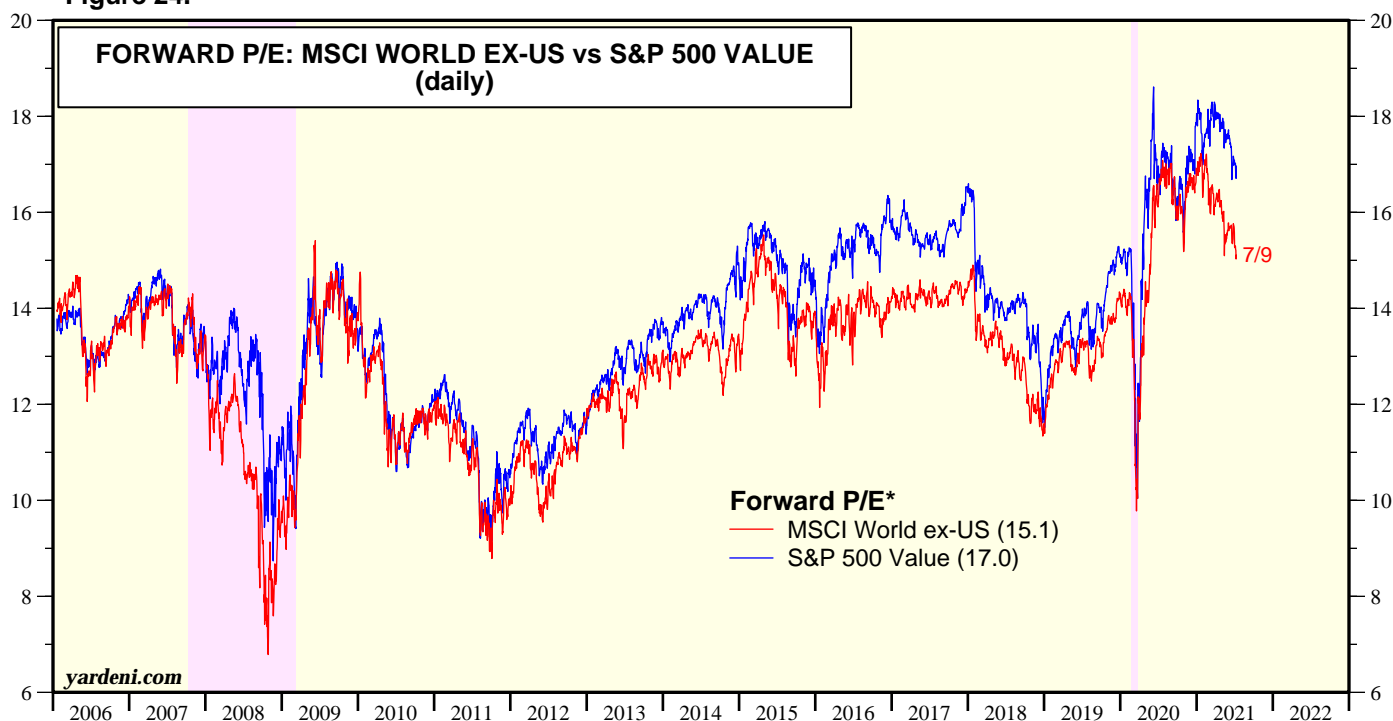
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%.  
Yellow areas are bull markets.  
Source: Yardeni Research using Standard & Poors and I/B/E/S data by Refinitiv.

Figure 23.



Source: MSCI.

Figure 24.



\* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly and daily thereafter.  
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 MSCI.

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