

# Chart Collection for Morning Briefing

Yardeni Research, Inc.

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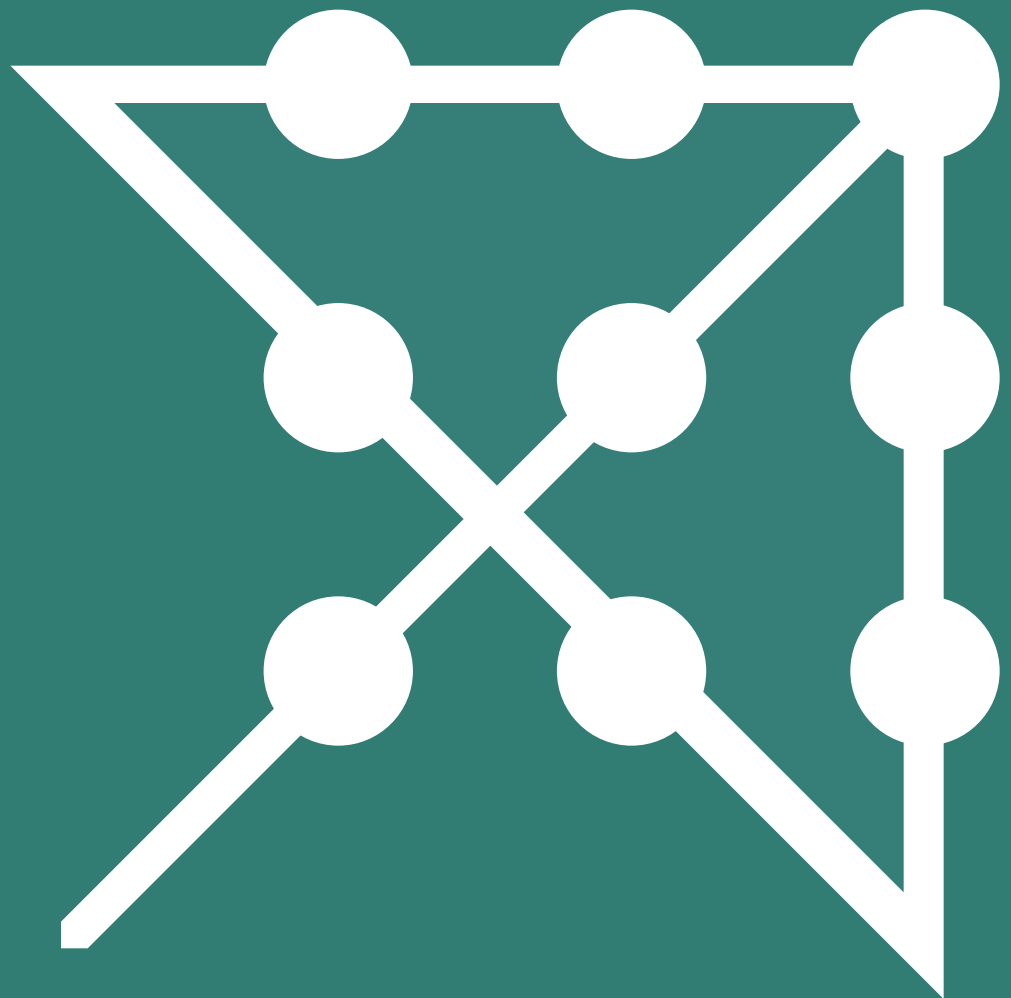
480-664-1333

[aquintana@yardeni.com](mailto:aquintana@yardeni.com)

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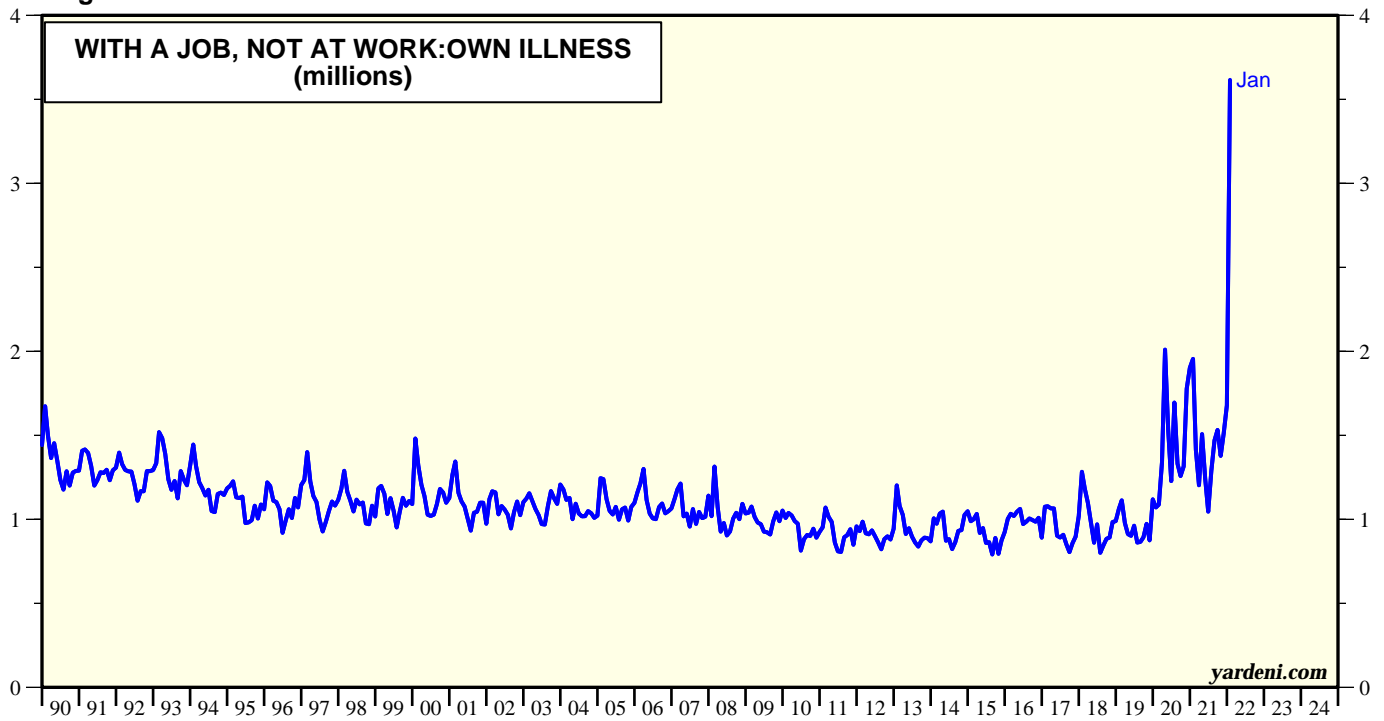
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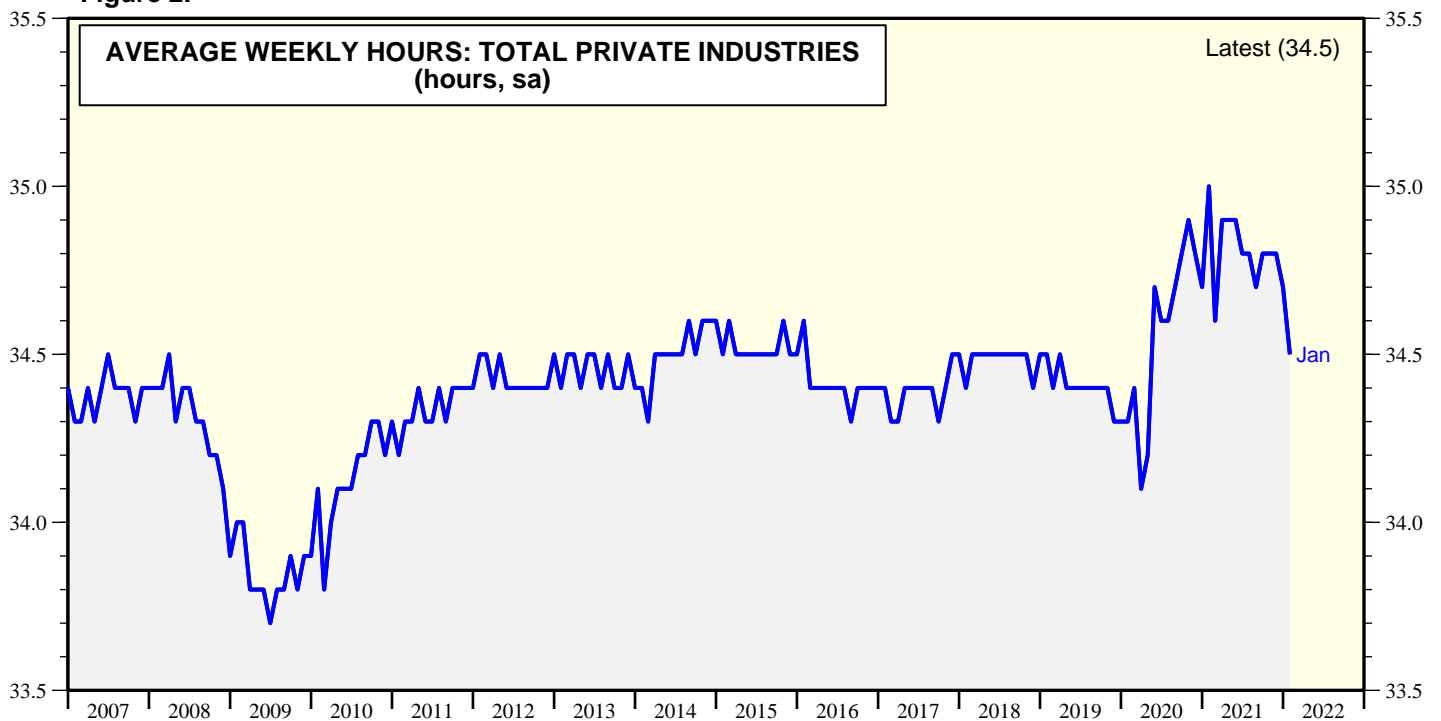
*thinking outside the box*

Figure 1.



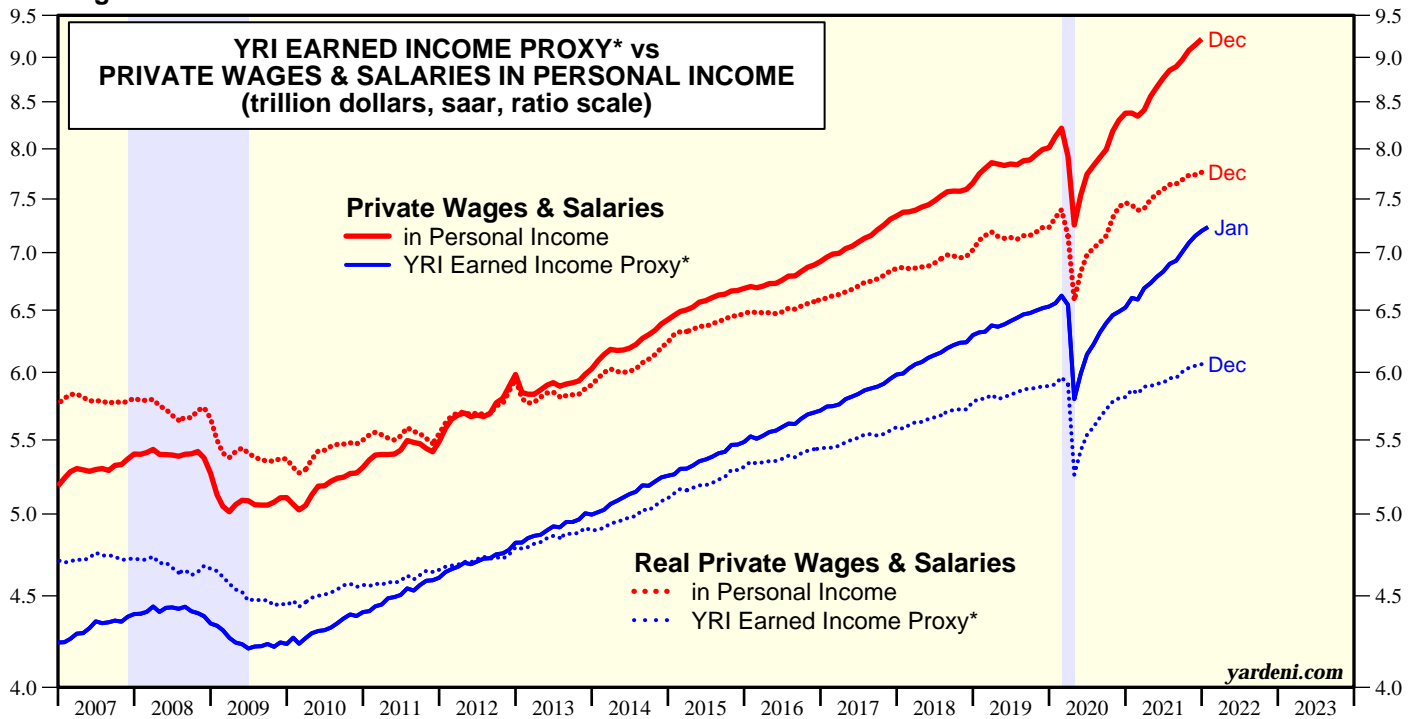
Source: Bureau of Labor Statistics.

Figure 2.



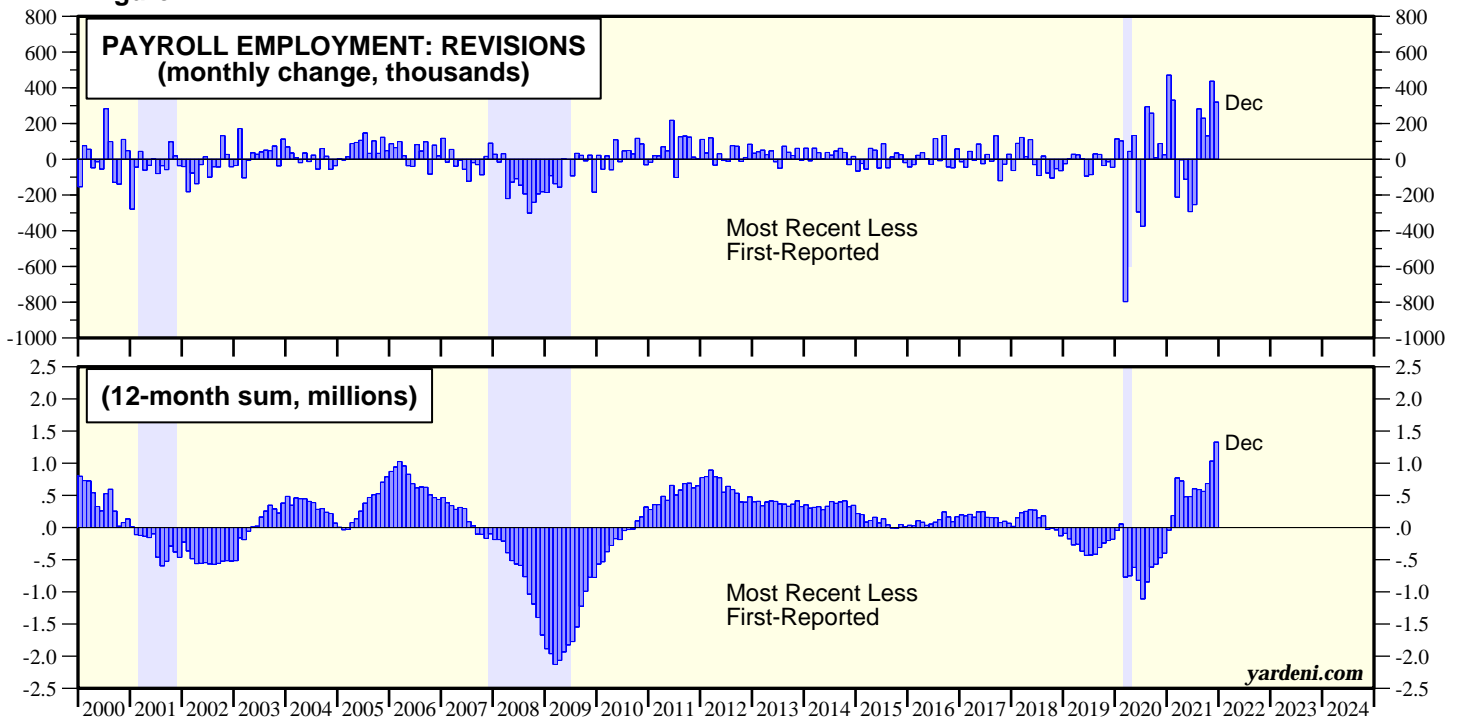
Source: Bureau of Labor Statistics.

**Figure 3.**



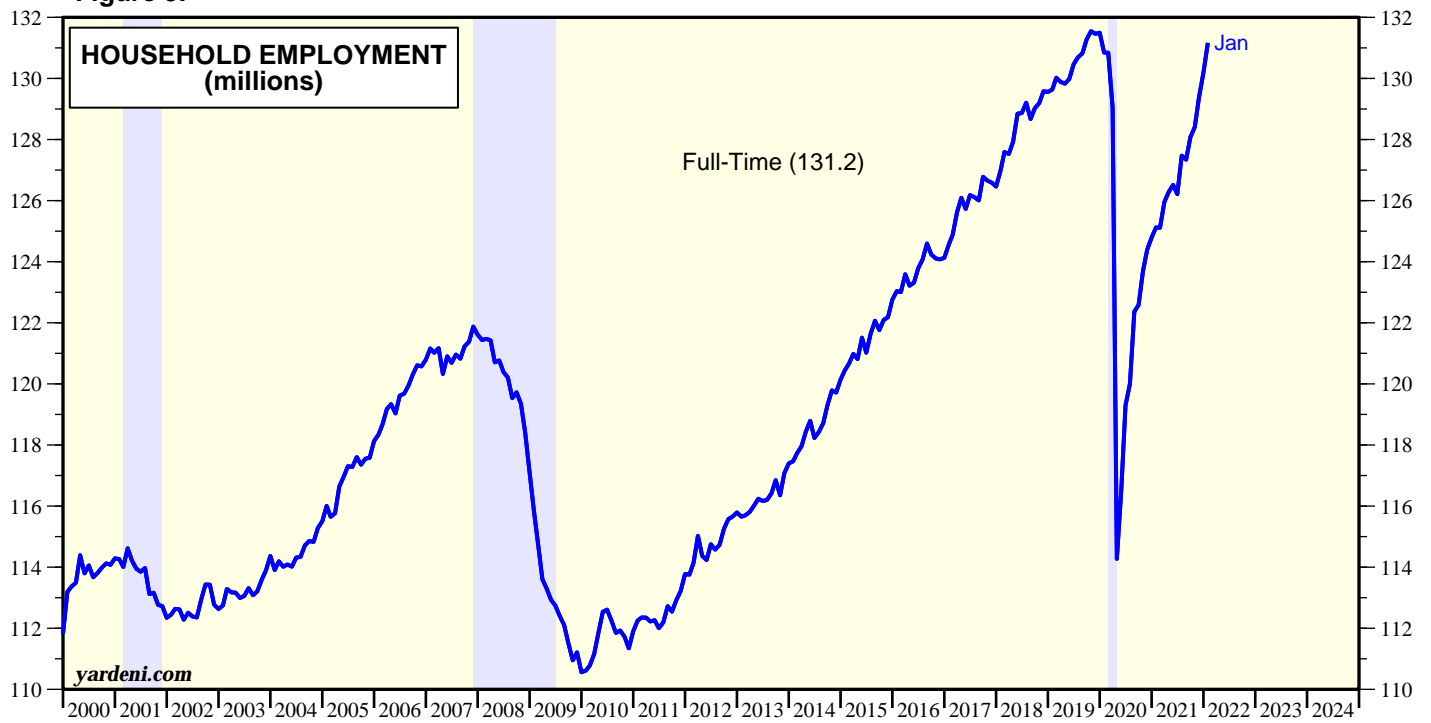
\* Aggregate weekly hours times average hourly earnings of total private industries times 52.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Bureau of Labor Statistics and Bureau of Economic Analysis.

**Figure 4.**



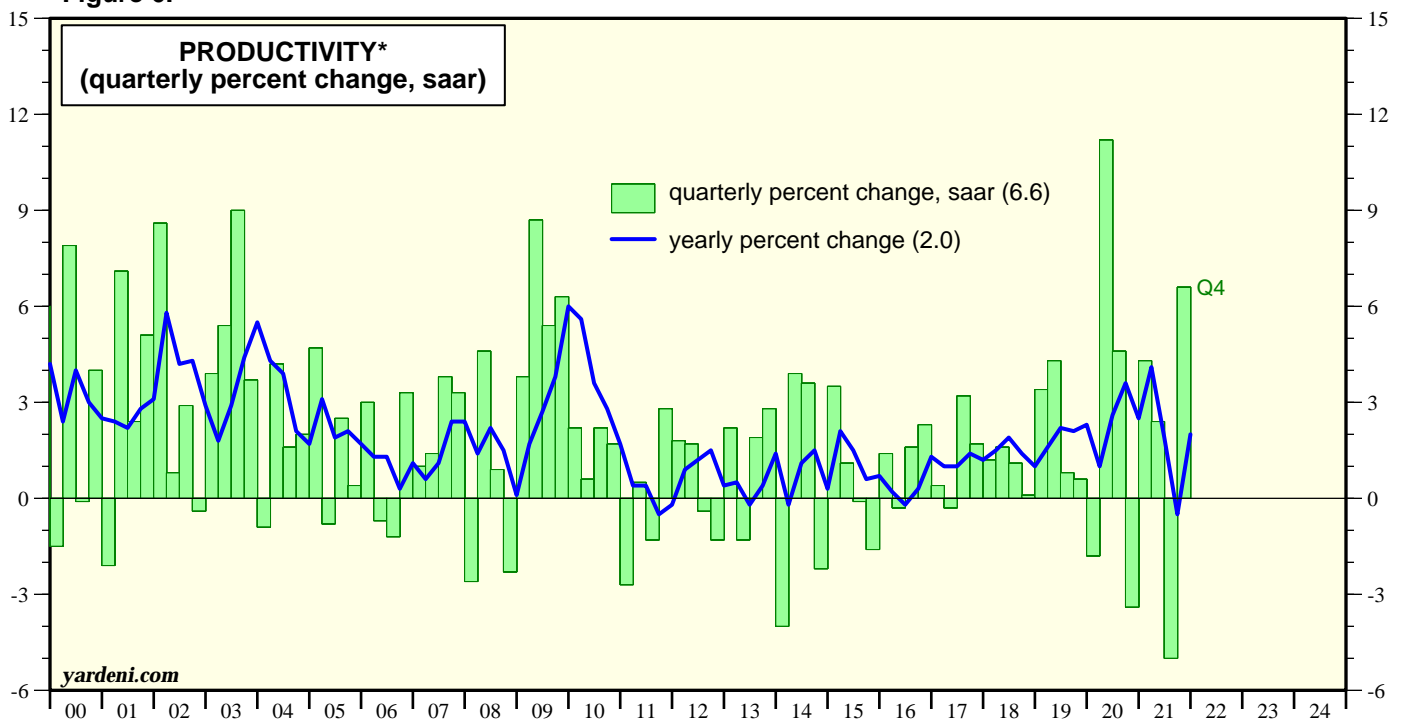
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Bureau of Labor Statistics.

**Figure 5.**



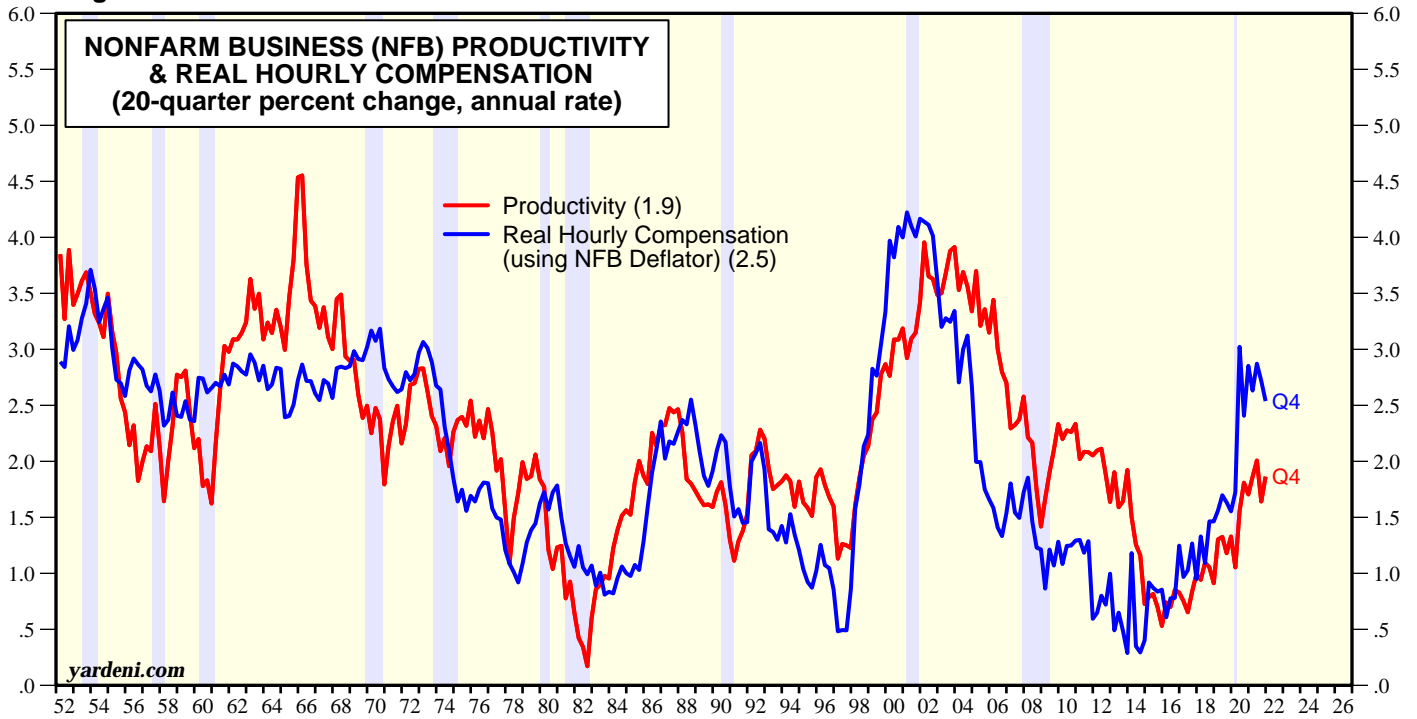
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Bureau of Labor Statistics.

**Figure 6.**



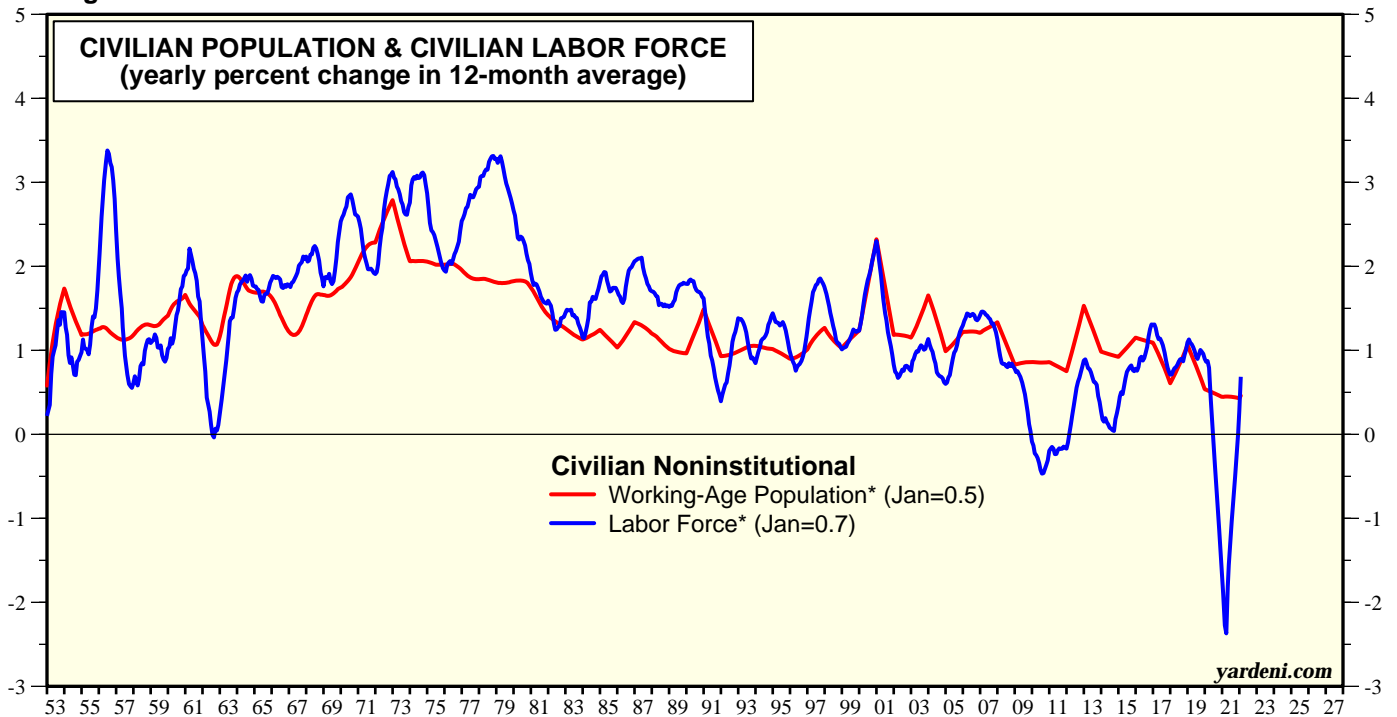
\* Nonfarm business.  
 Source: Bureau of Labor Statistics.

Figure 7.



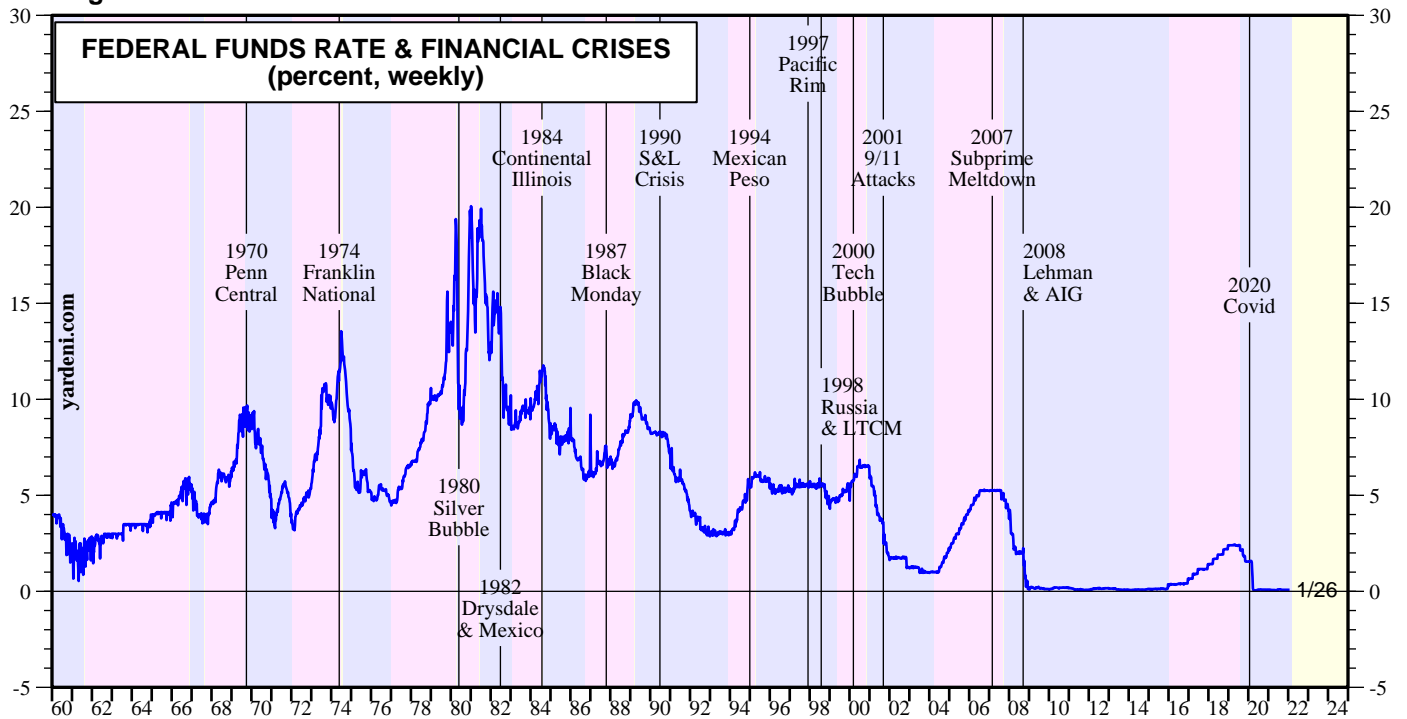
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Bureau of Labor Statistics.

Figure 8.



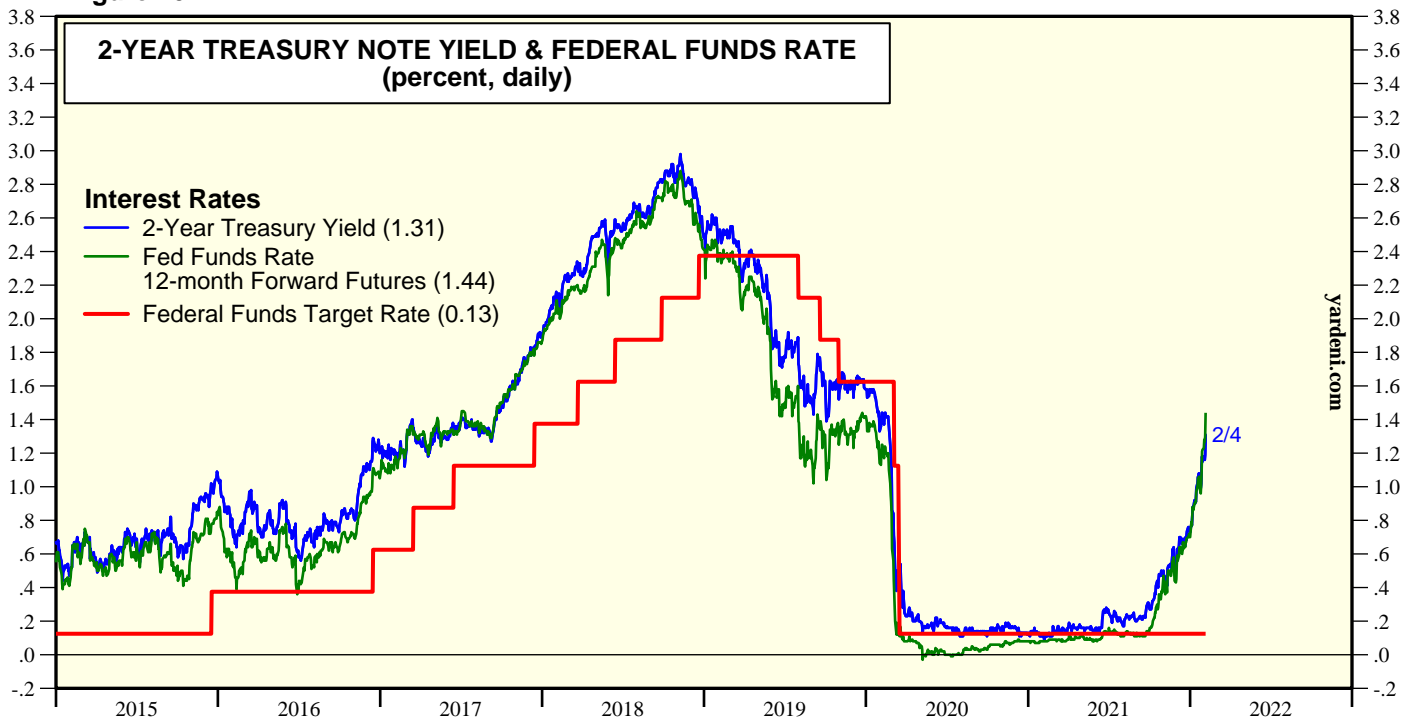
\* 16 years & older.  
Source: Bureau of Labor Statistics.

Figure 9.



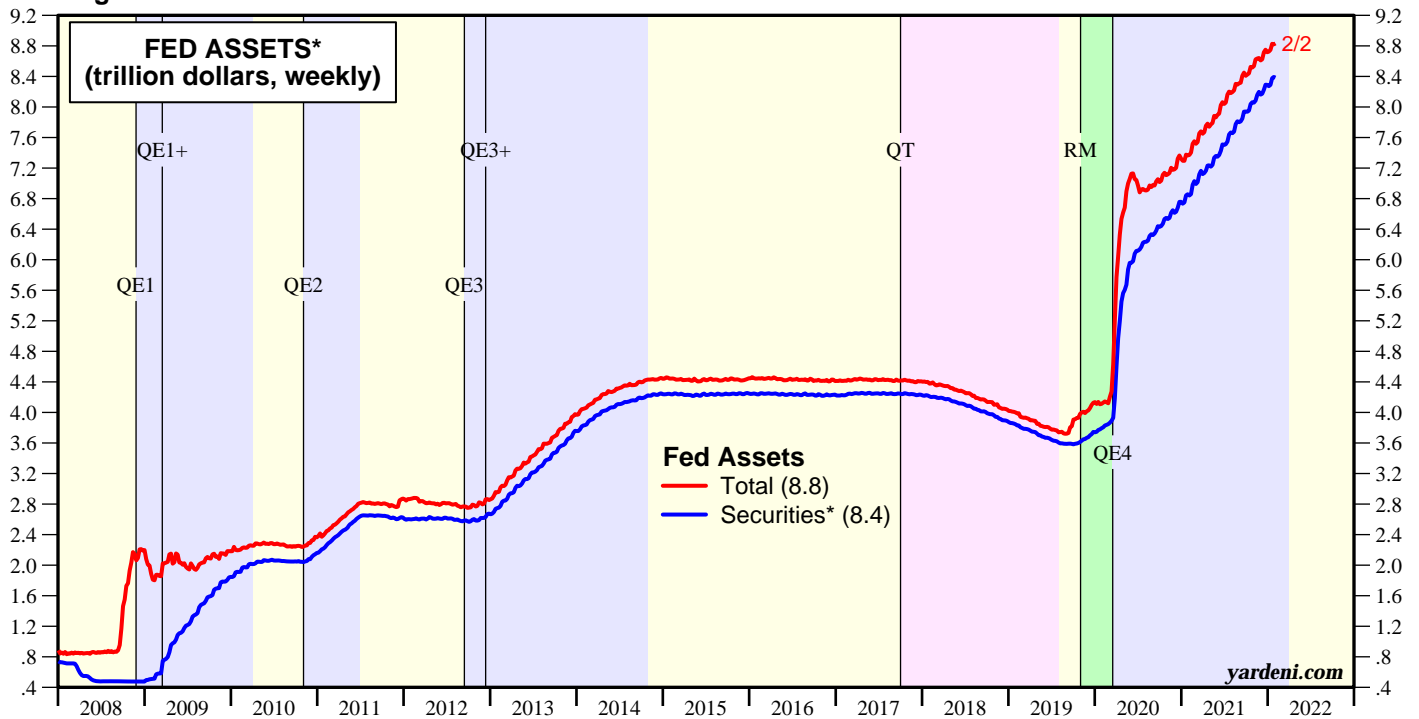
Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods.  
Source: Federal Reserve Board.

Figure 10.



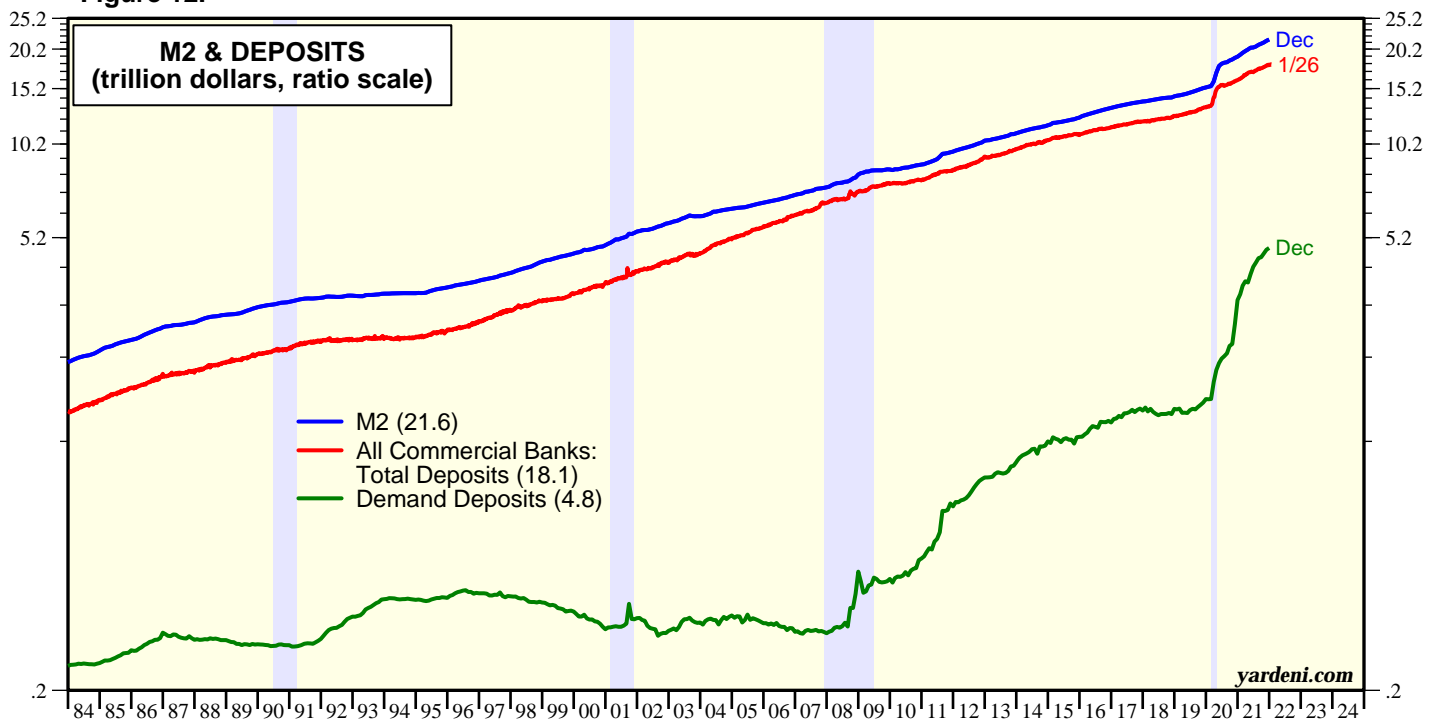
Source: US Treasury & Chicago Mercantile Exchange.

**Figure 11.**



\* 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. QT (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). Source: Federal Reserve Board.

**Figure 12.**



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

Figure 13.

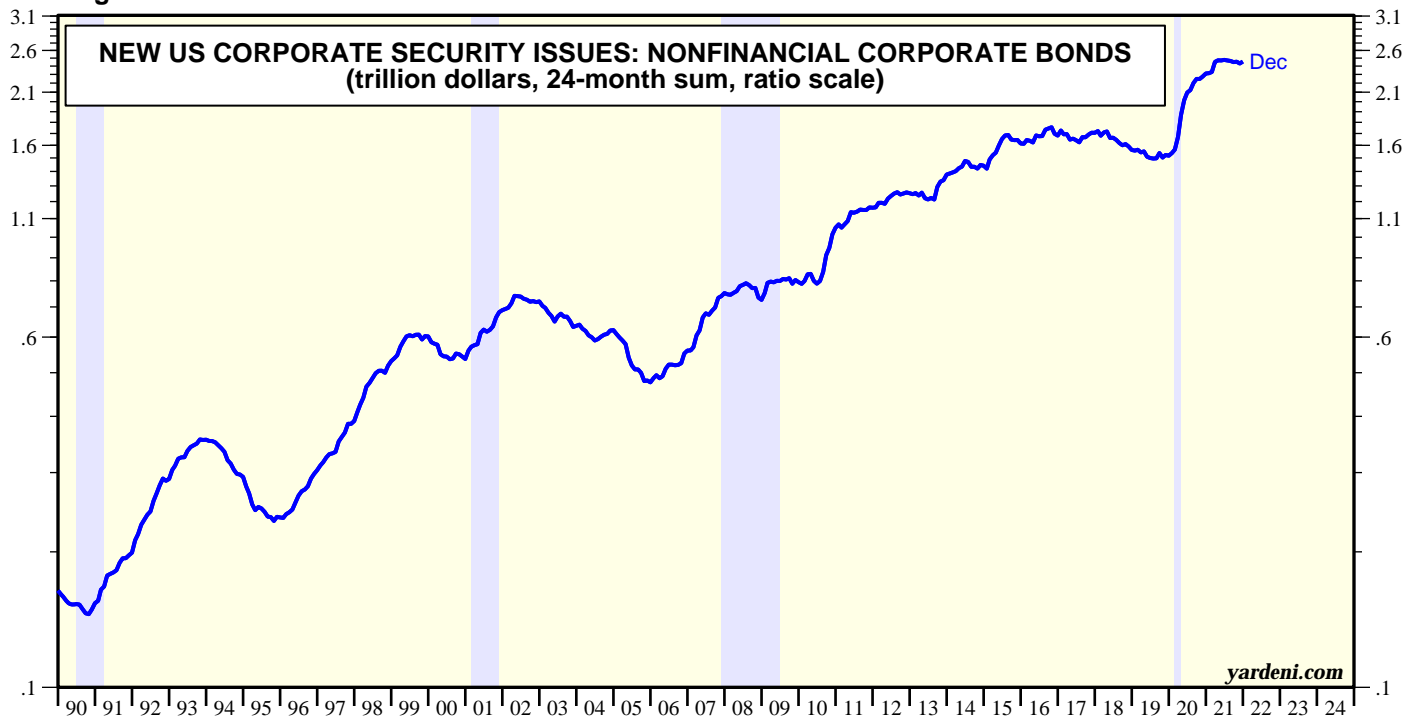
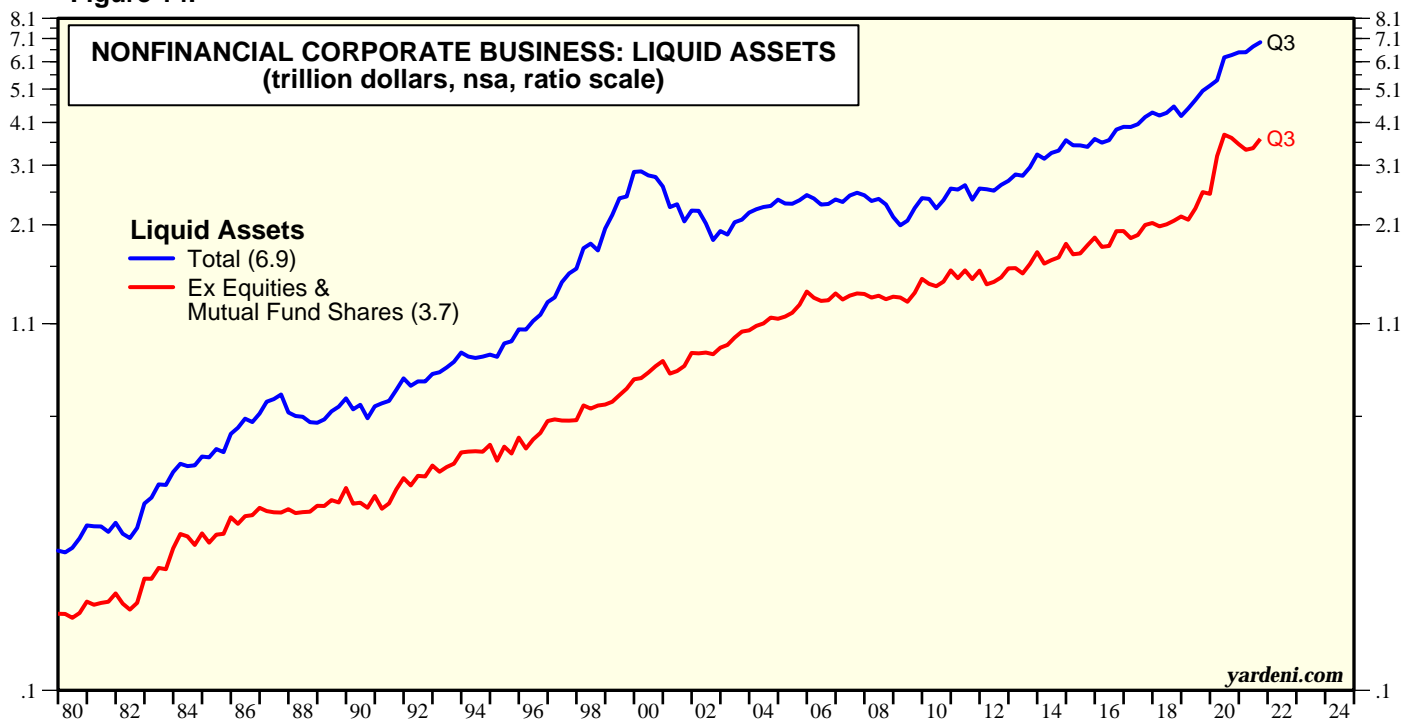
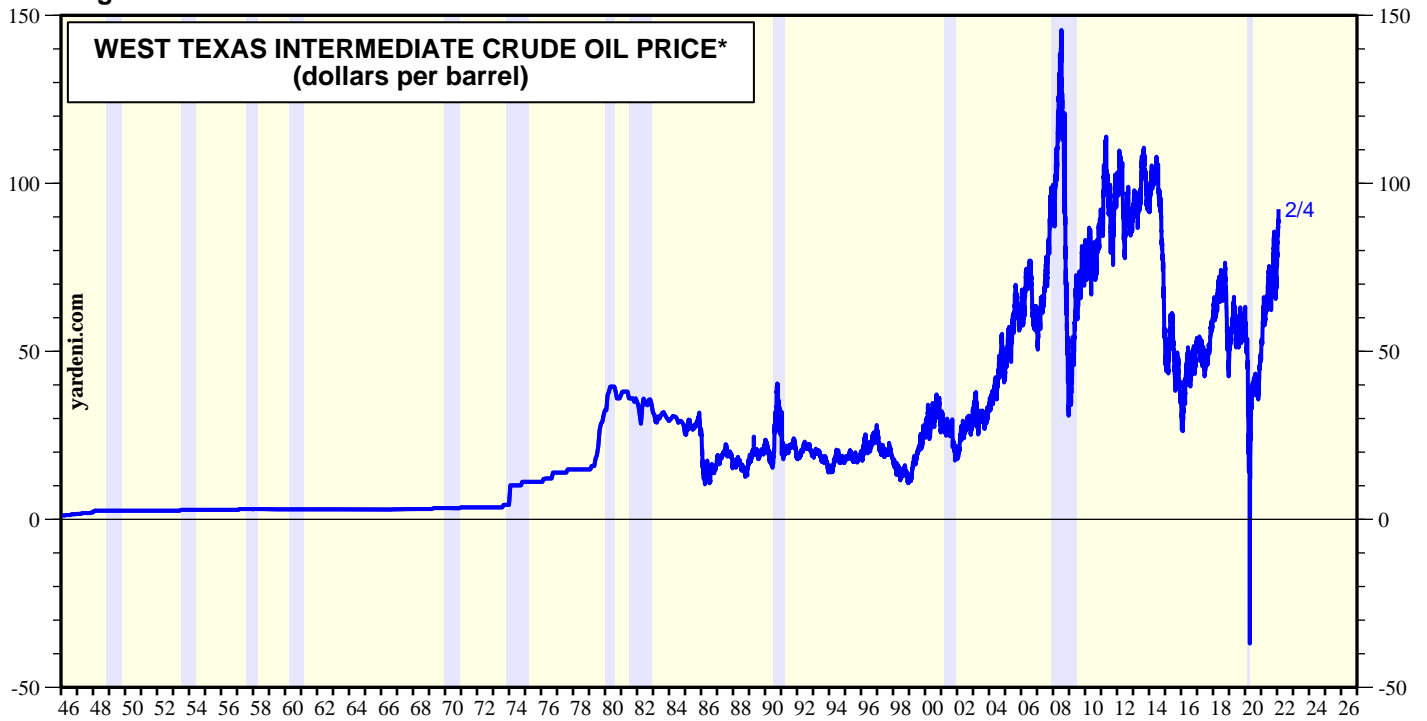


Figure 14.



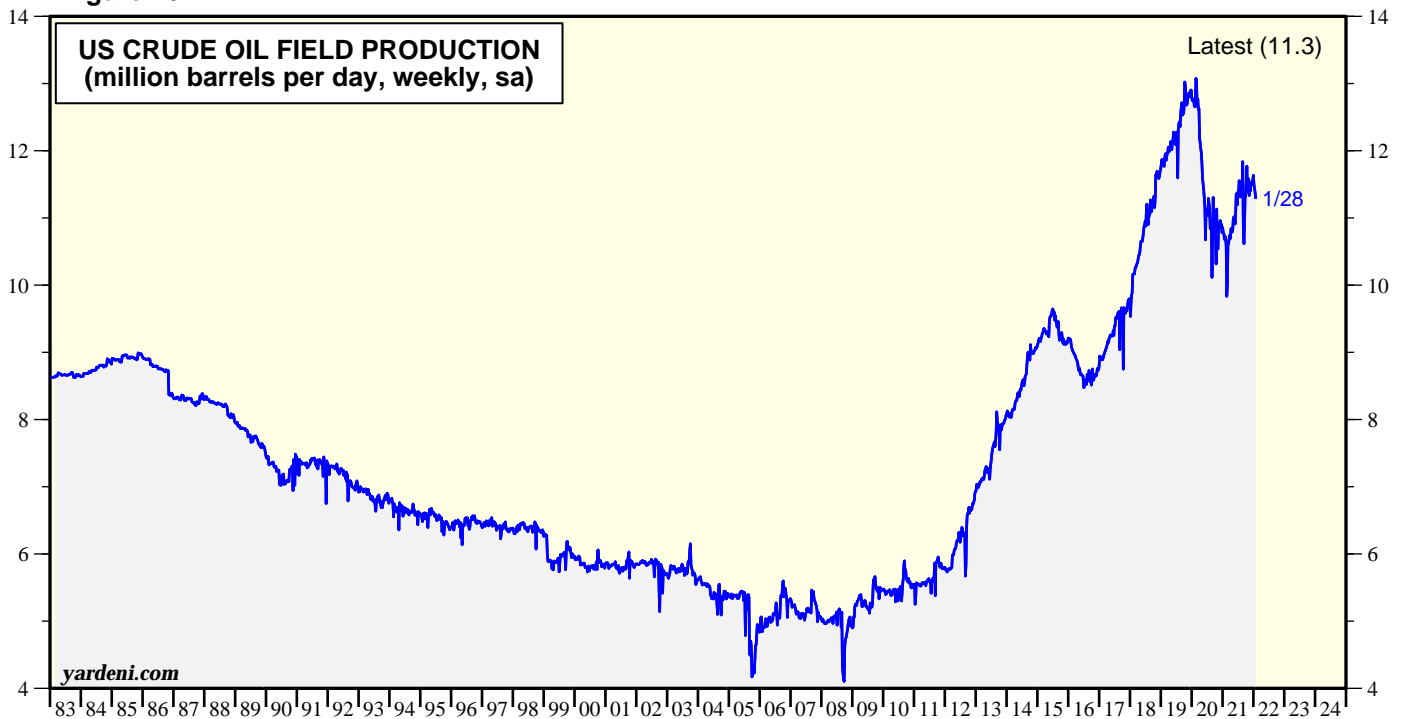


**Figure 15.**



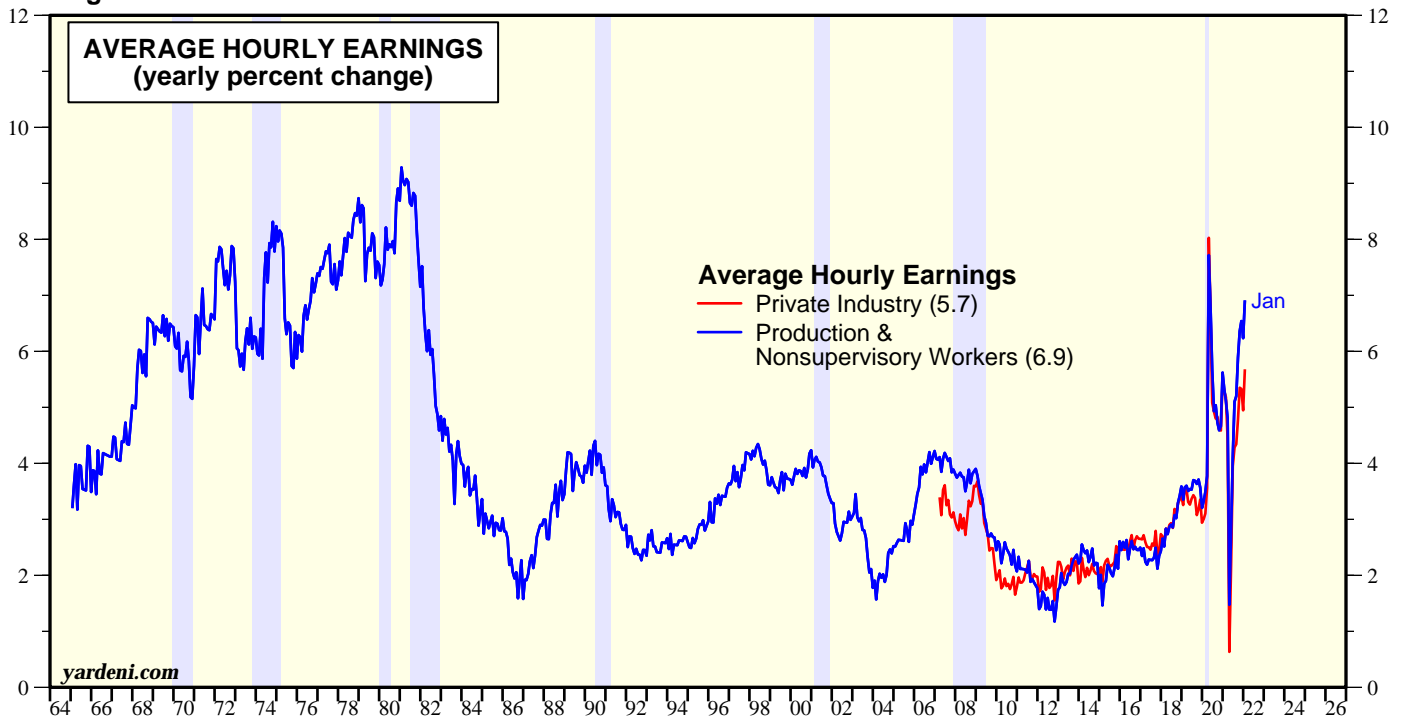
\* Monthly from 1946 to 1984, daily thereafter.  
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Haver Analytics.

**Figure 16.**



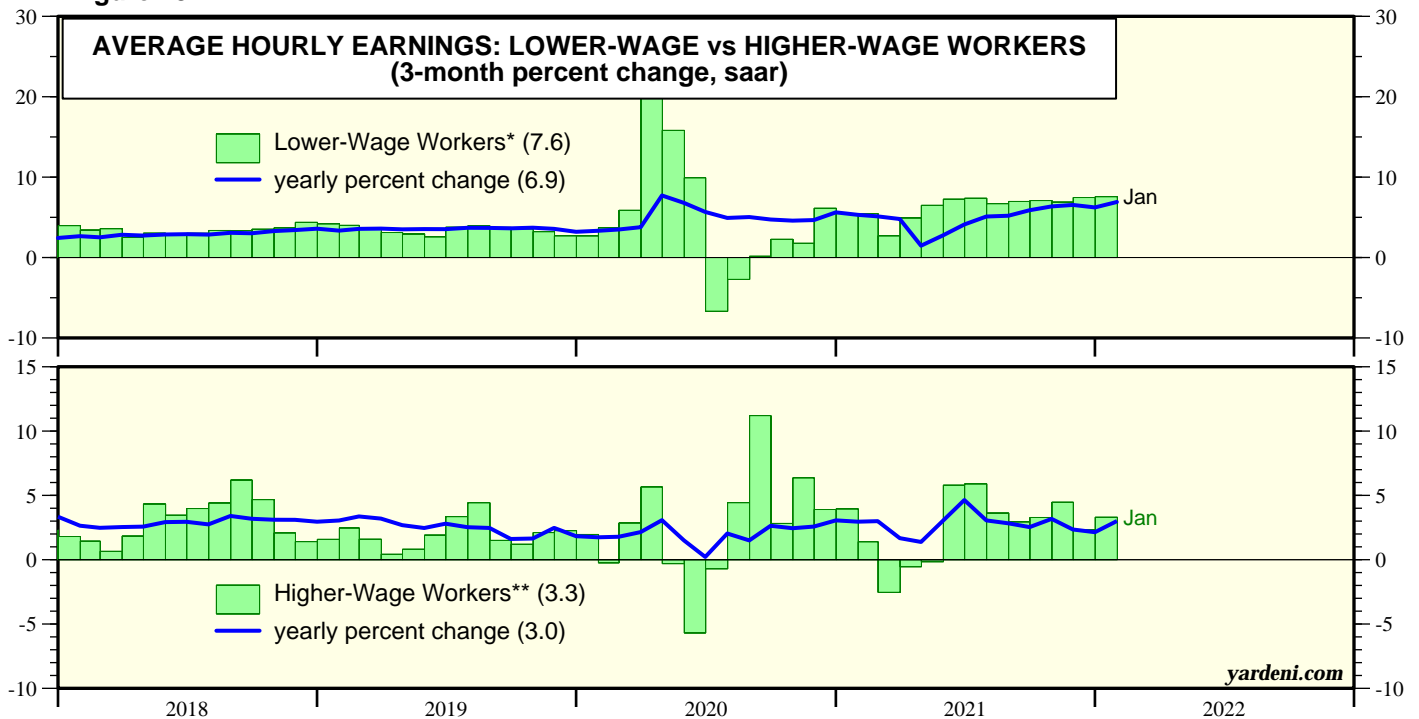
Source: US Department of Energy and Haver Analytics.

Figure 17.



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

Figure 18.



\* Production & nonsupervisory workers.

\*\* Derived by YRI from difference between AHEs of all workers and production & nonsupervisory workers

Source: Bureau of Labor Statistics.

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