

Chart Collection for Morning Briefing

Yardeni Research, Inc.

May 8, 2023

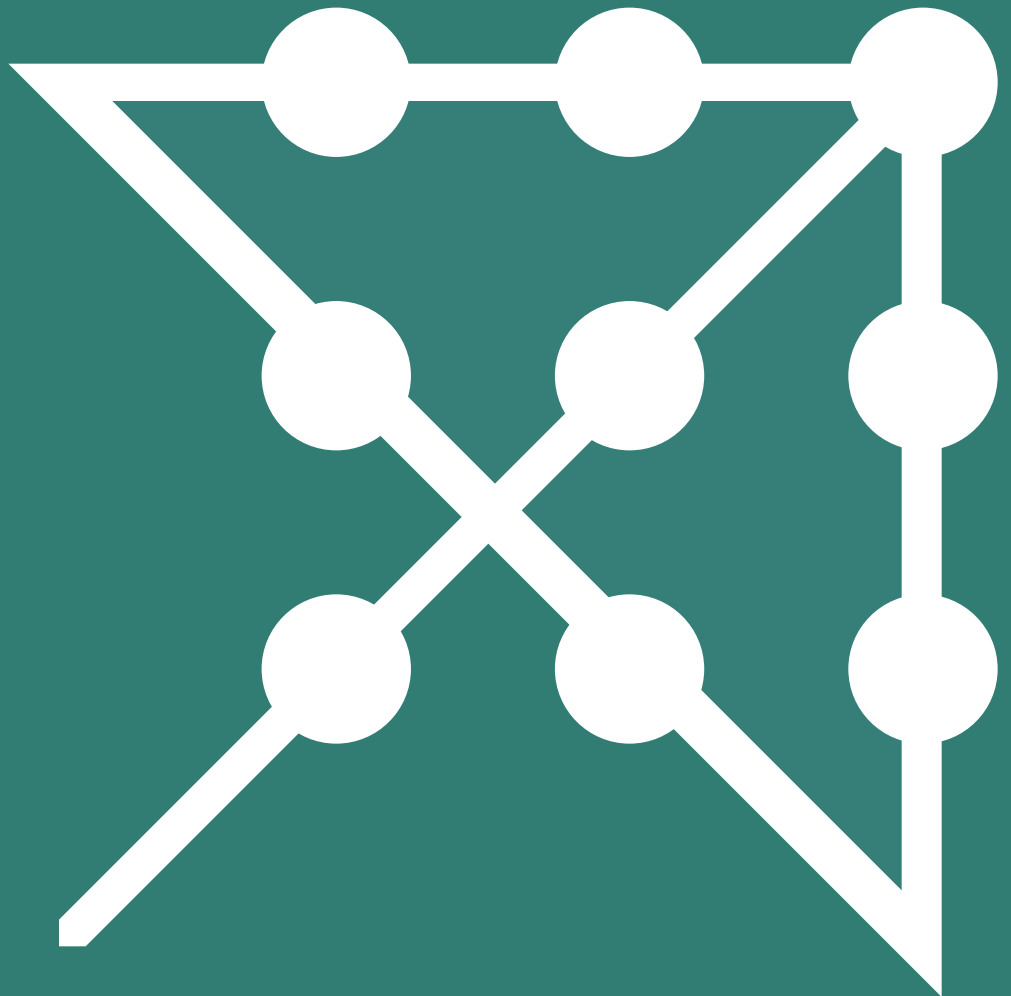
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Mali Quintana

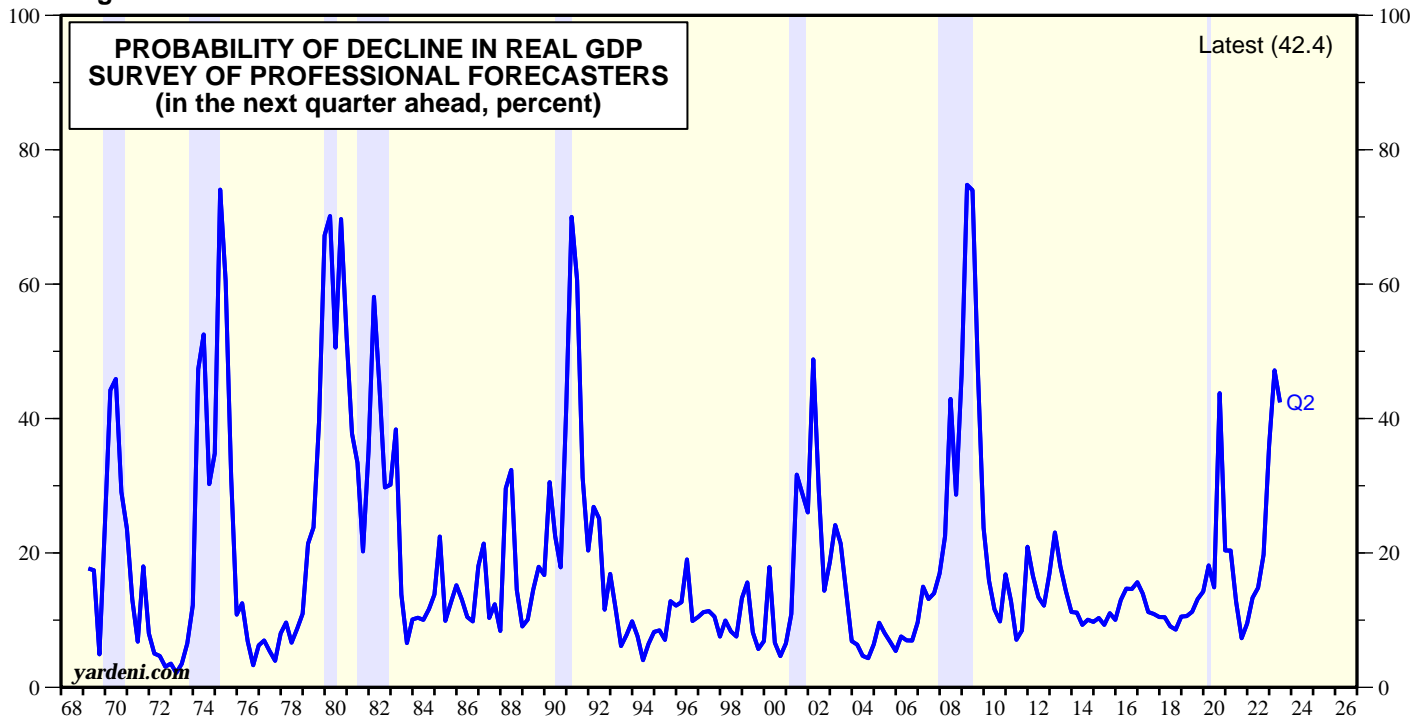
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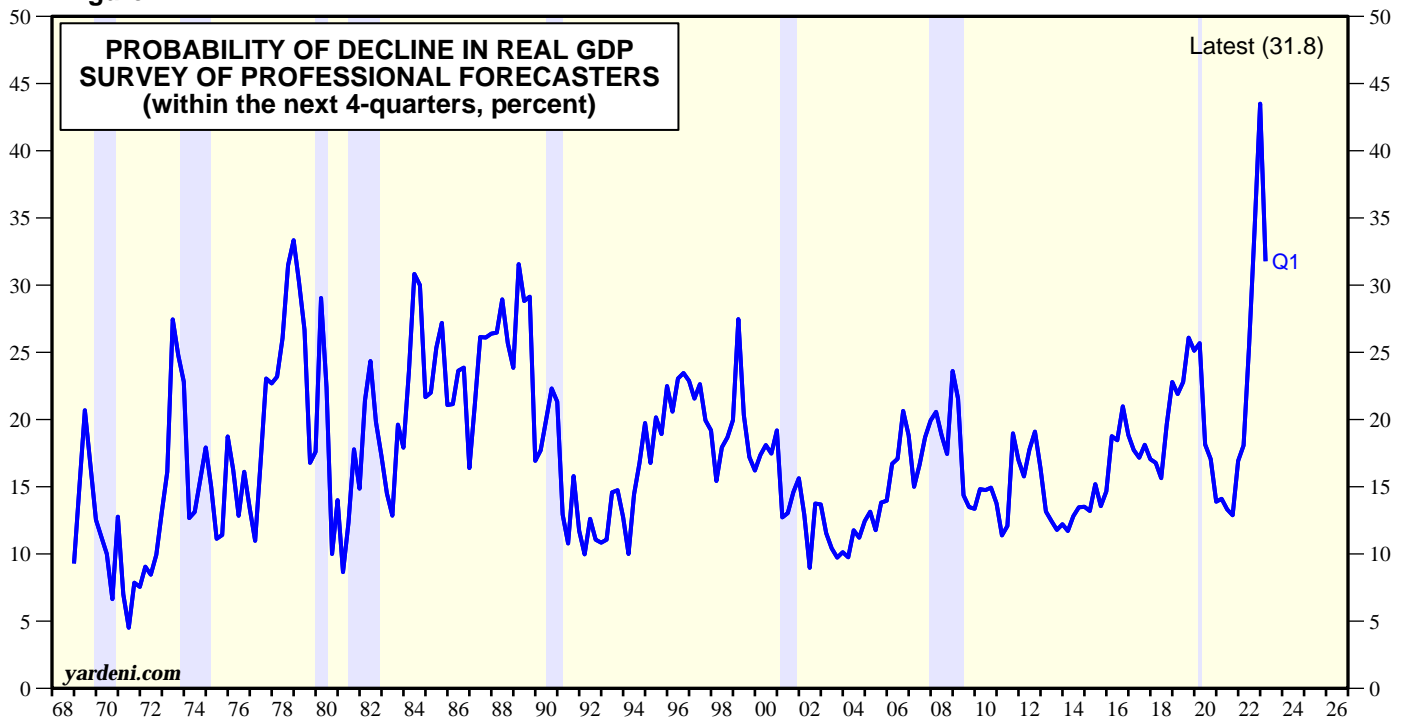
thinking outside the box

Figure 1.



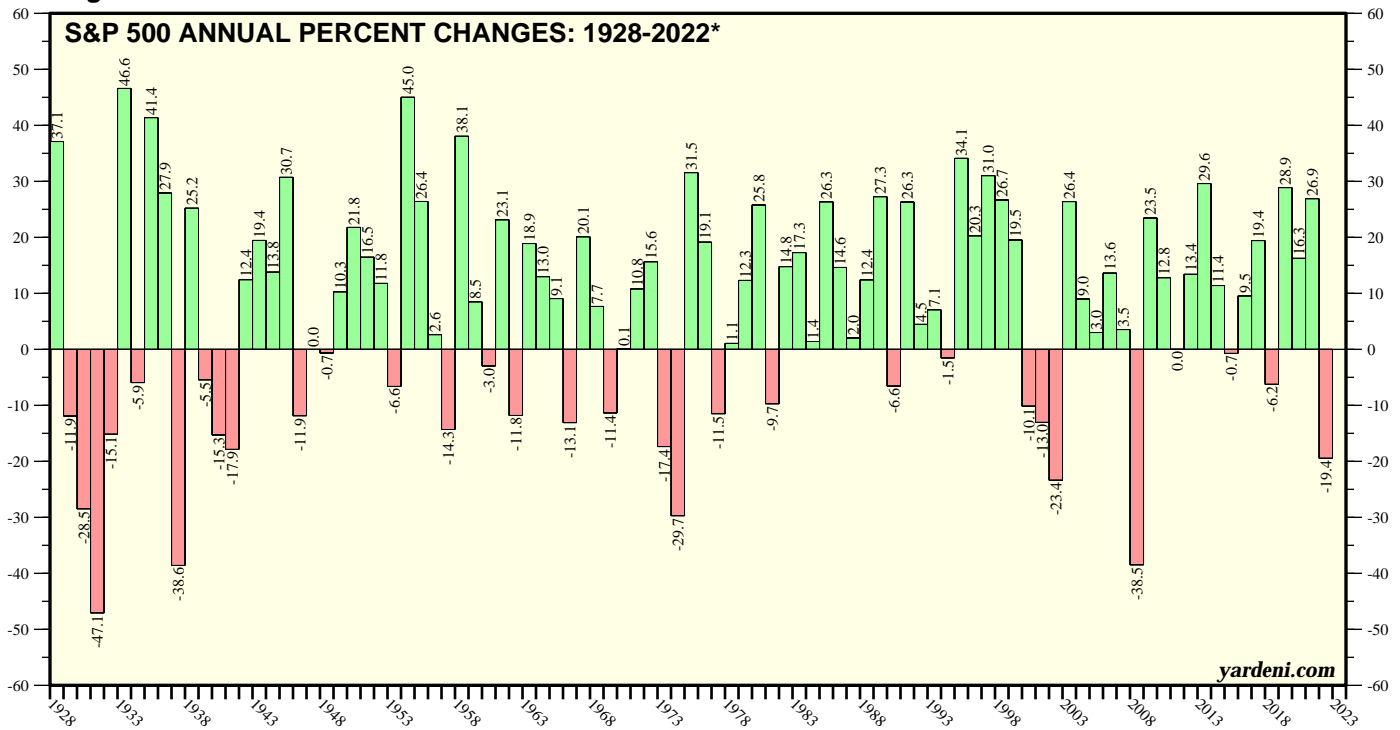
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of Philadelphia and Haver Analytics.

Figure 2.



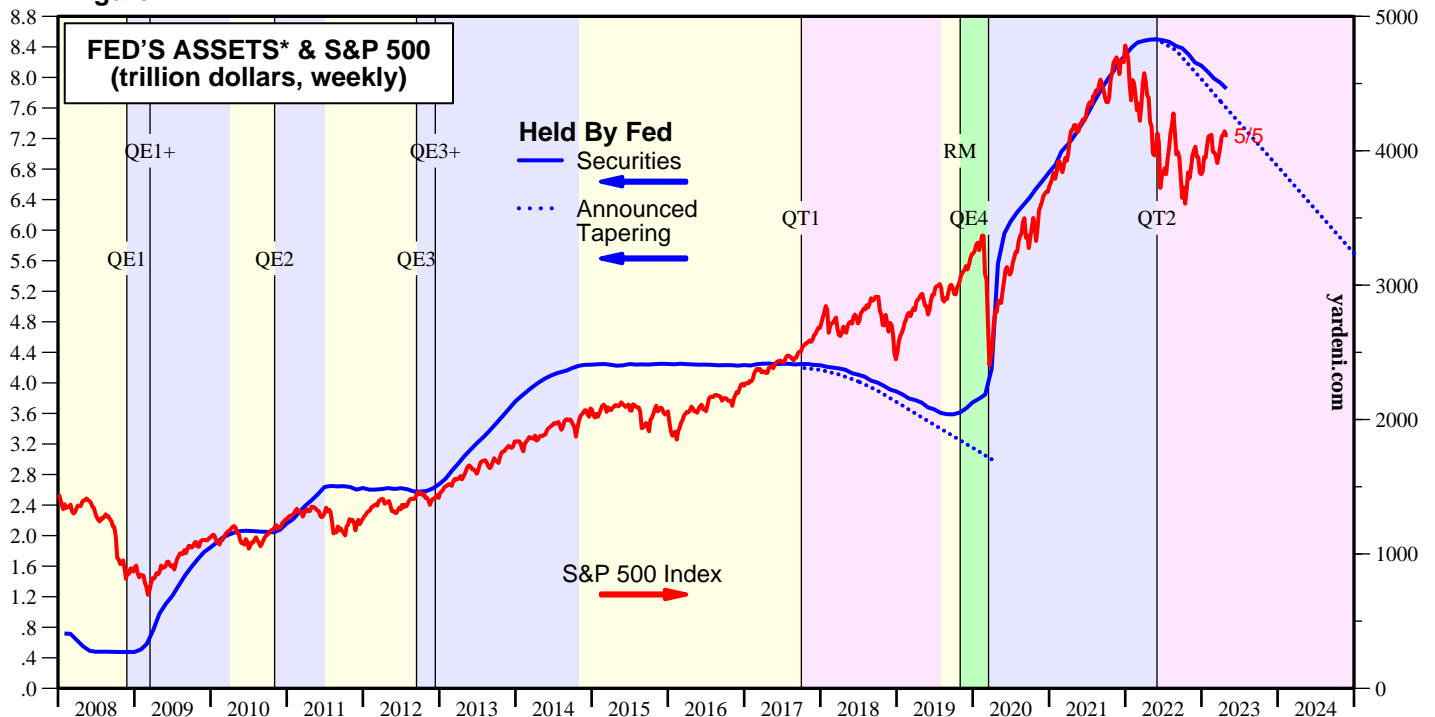
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of Philadelphia and Haver Analytics.

Figure 3.



* Annual percent changes based on year-end values except 1928, which uses Jan 3, 1928 for year-end 1927.
Source: Standard & Poor's and Haver Analytics.

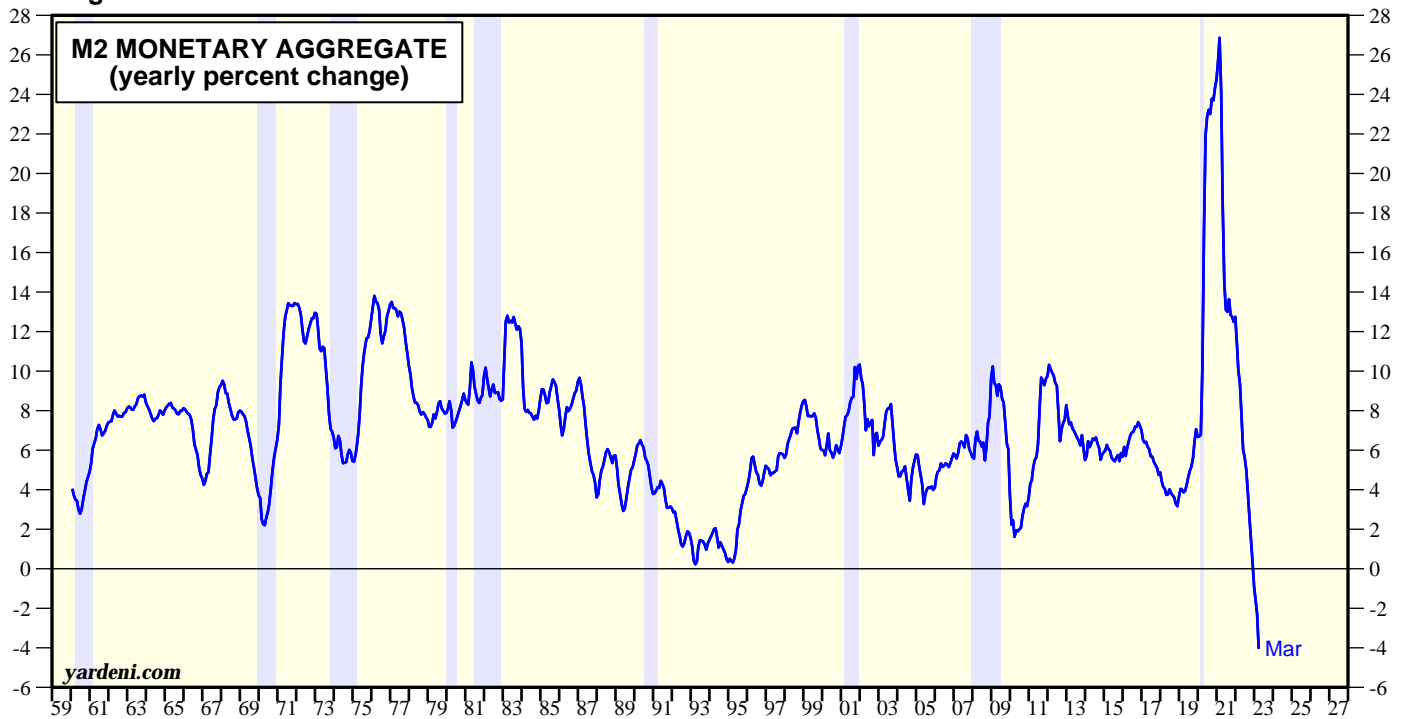
Figure 4.



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 (H.4.1, Table 1) and Standard & Poor's.

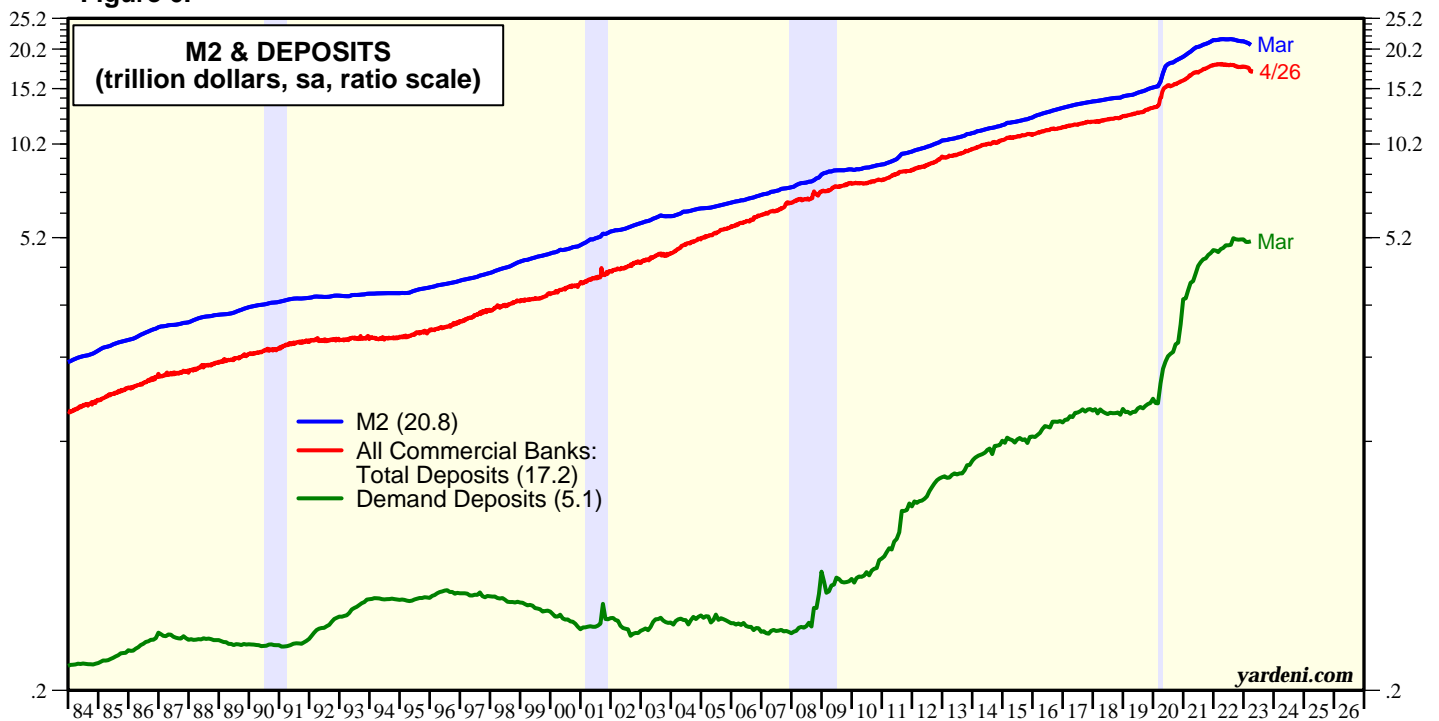
* All series are average of week ending Wednesday.

Figure 5.



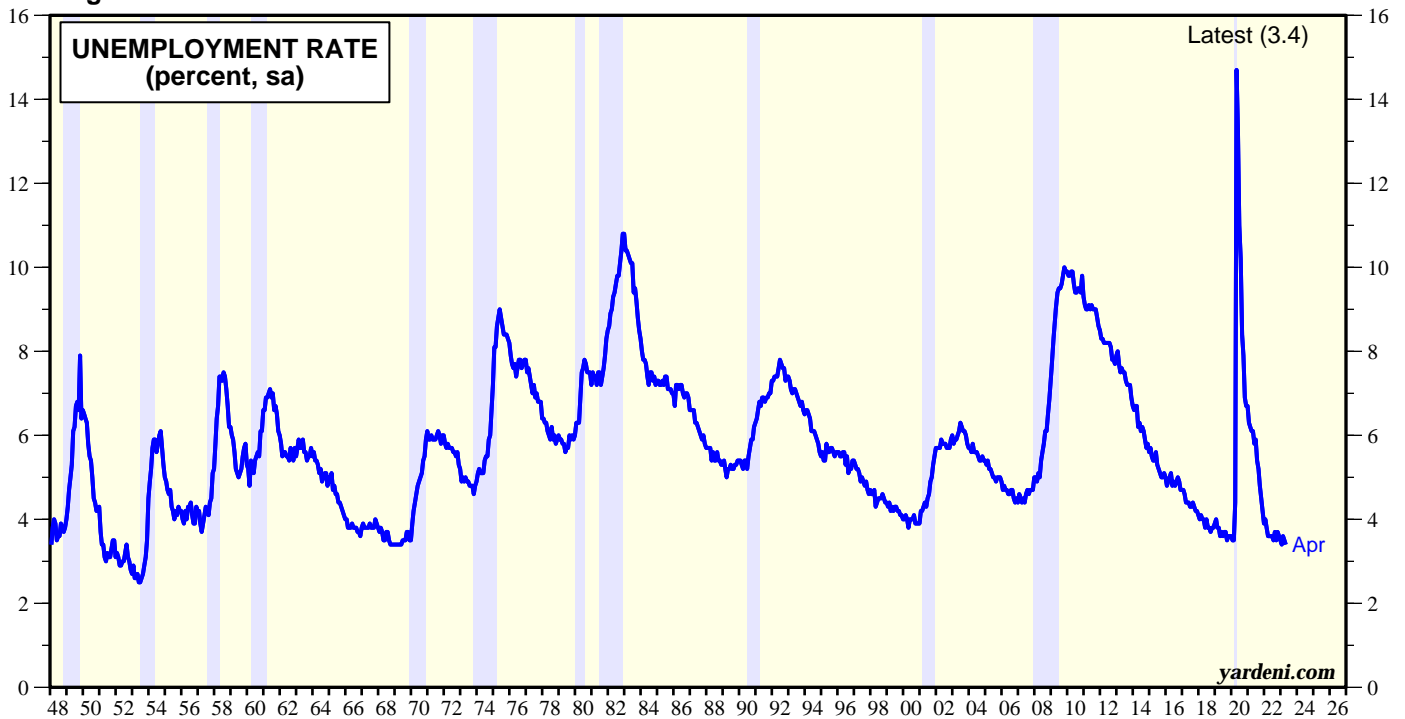
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Board of Governors of the Federal Reserve System.

Figure 6.



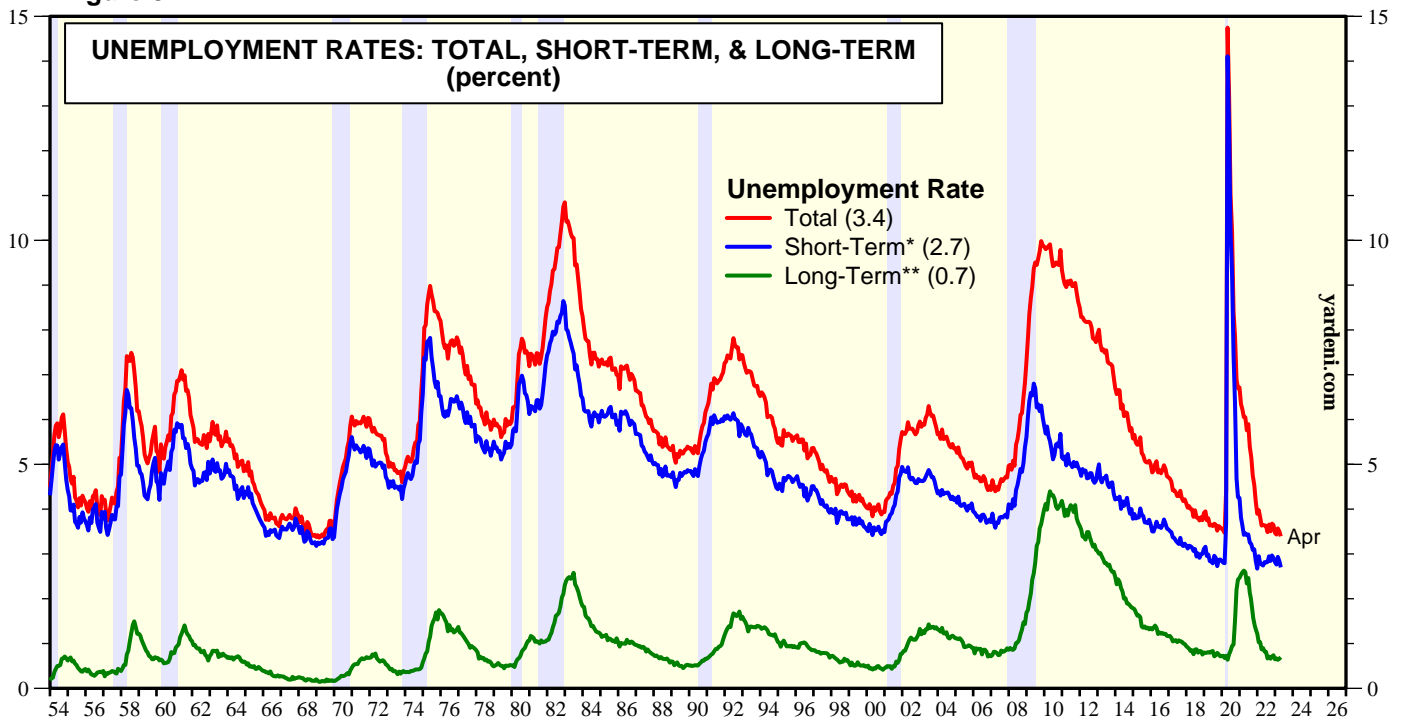
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Board of Governors of the Federal Reserve System.

Figure 7.



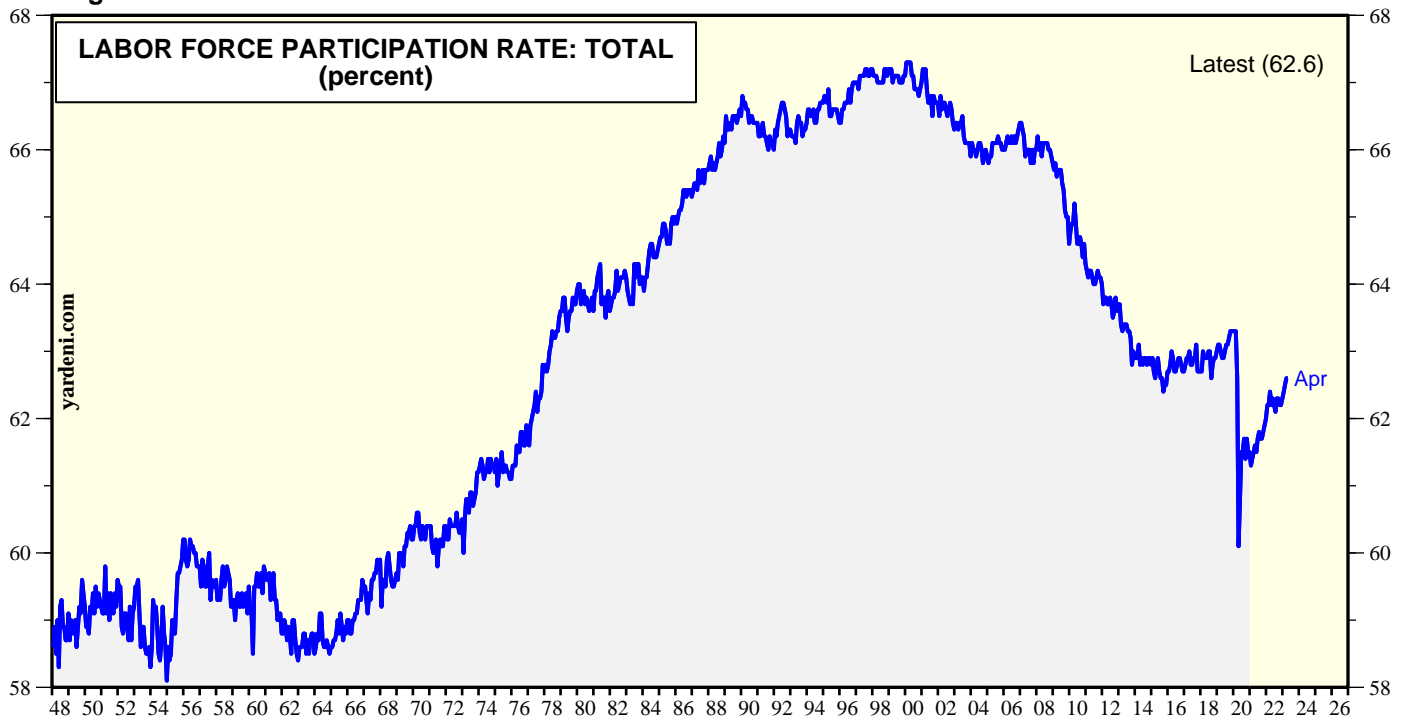
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics.

Figure 8.



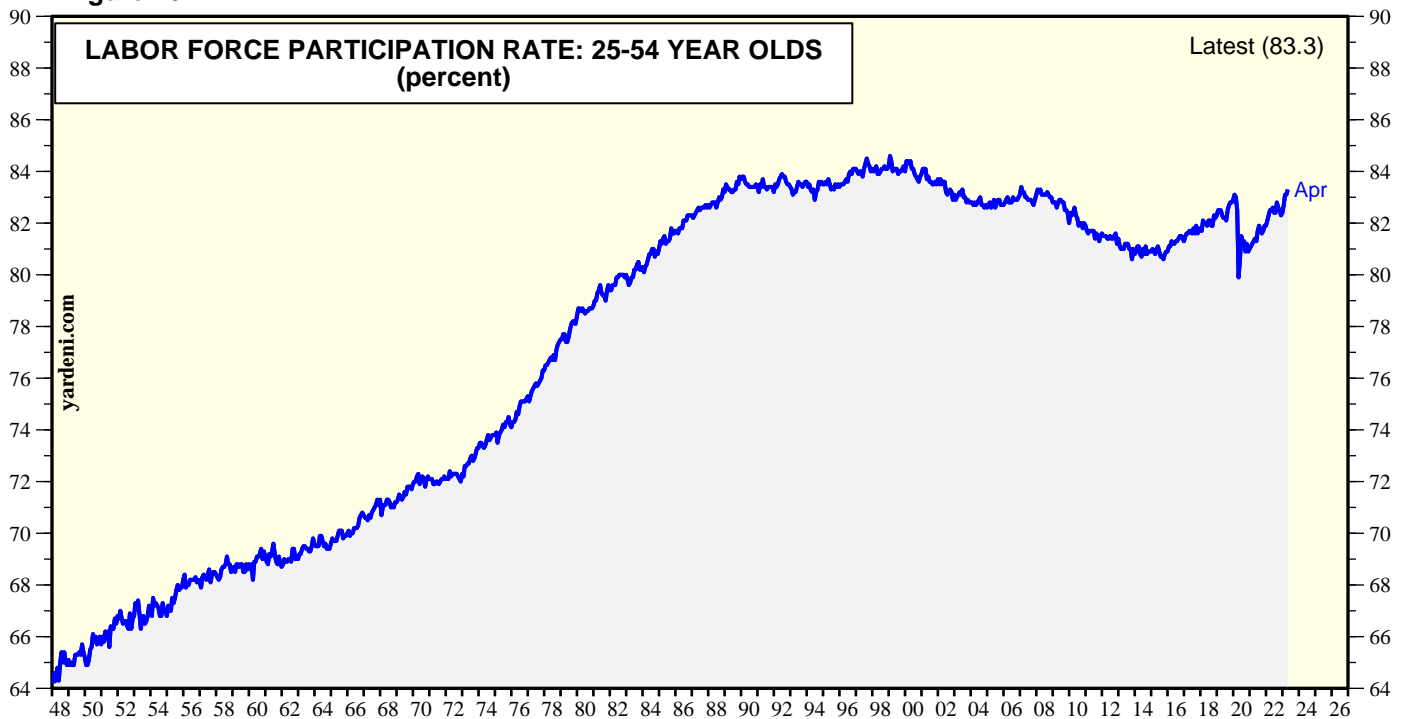
* Unemployed for less than 27 weeks.
** Unemployed for 27 weeks and longer.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics.

Figure 9.



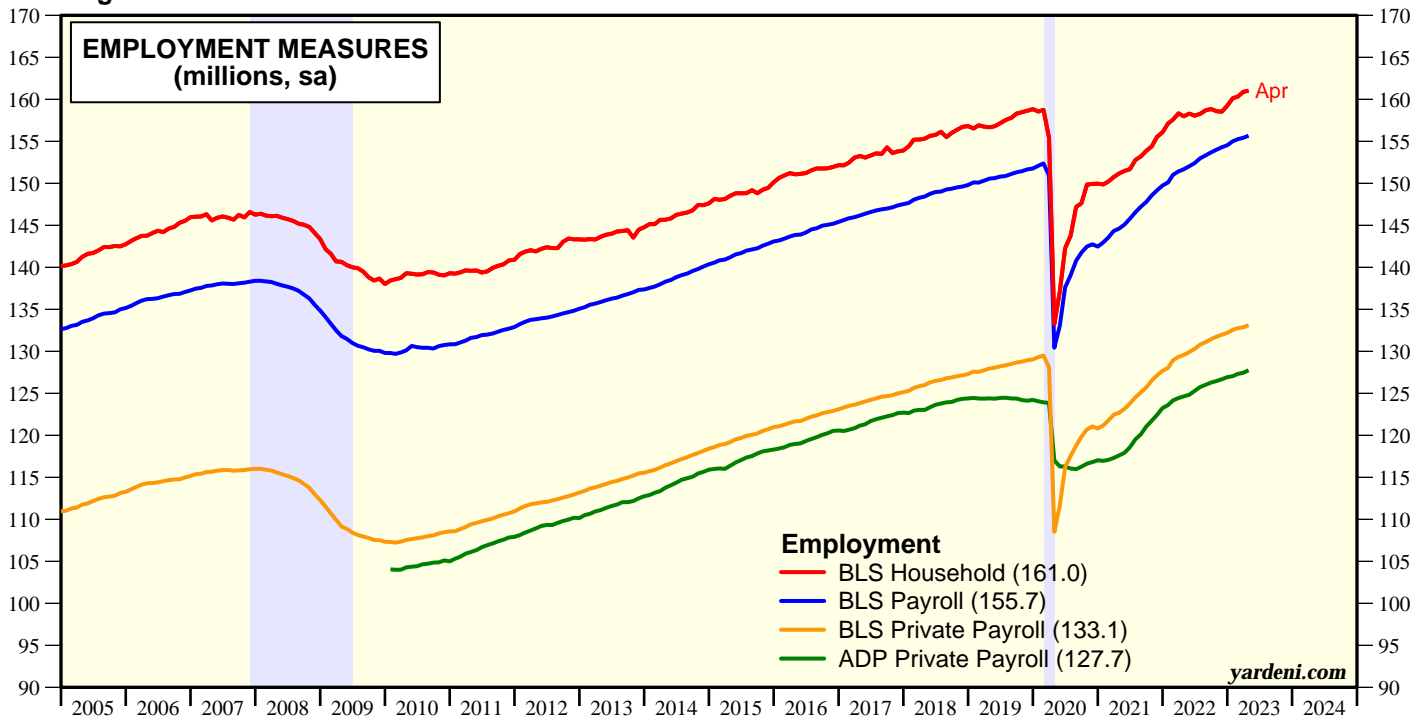
Source: Bureau of Labor Statistics.

Figure 10.



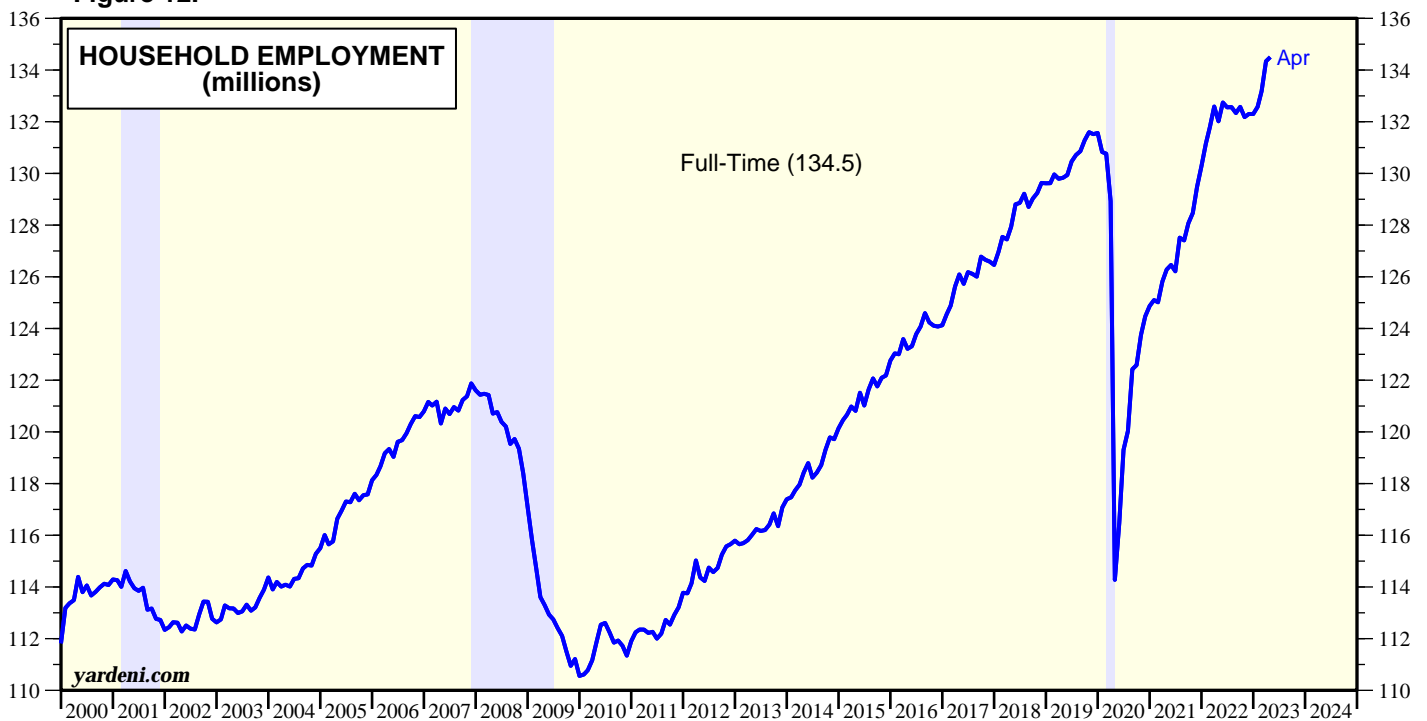
Source: Bureau of Labor Statistics.

Figure 11.



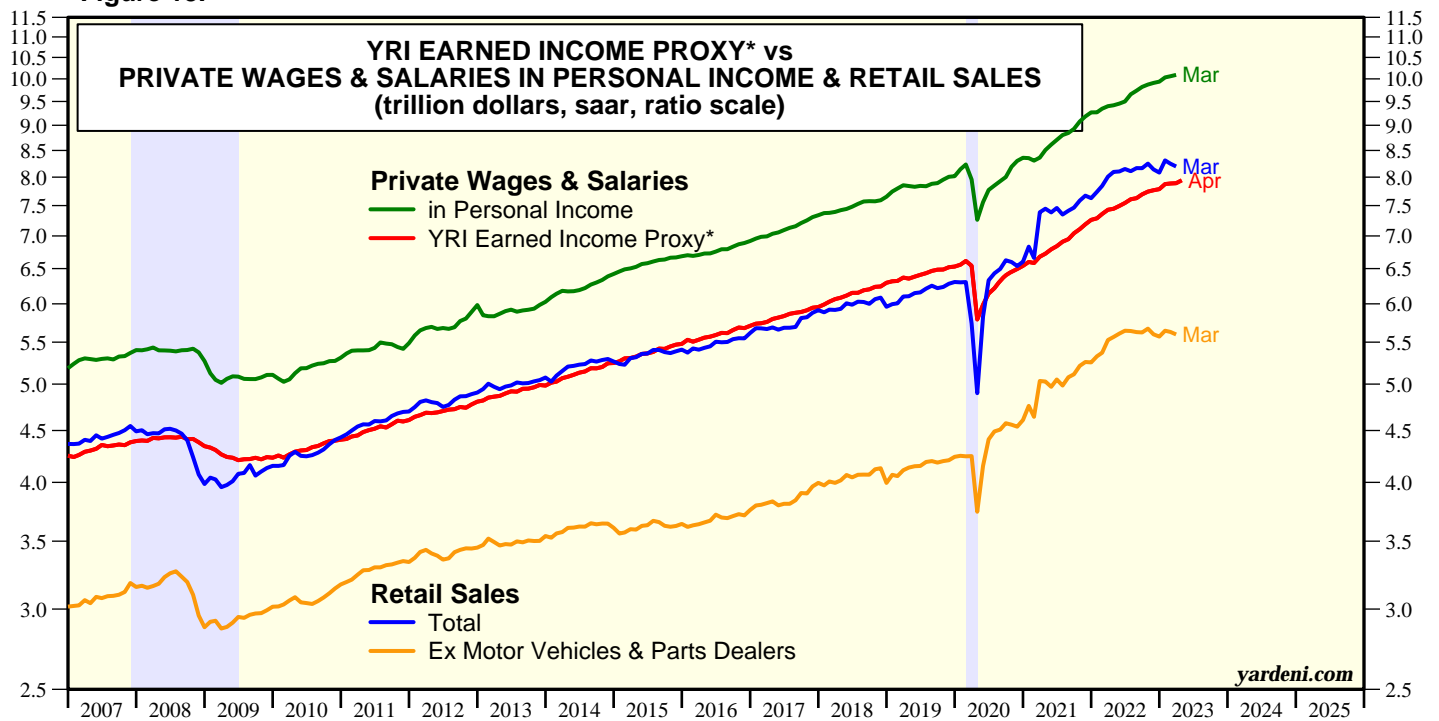
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: ADP and Bureau of Labor Statistics.

Figure 12.



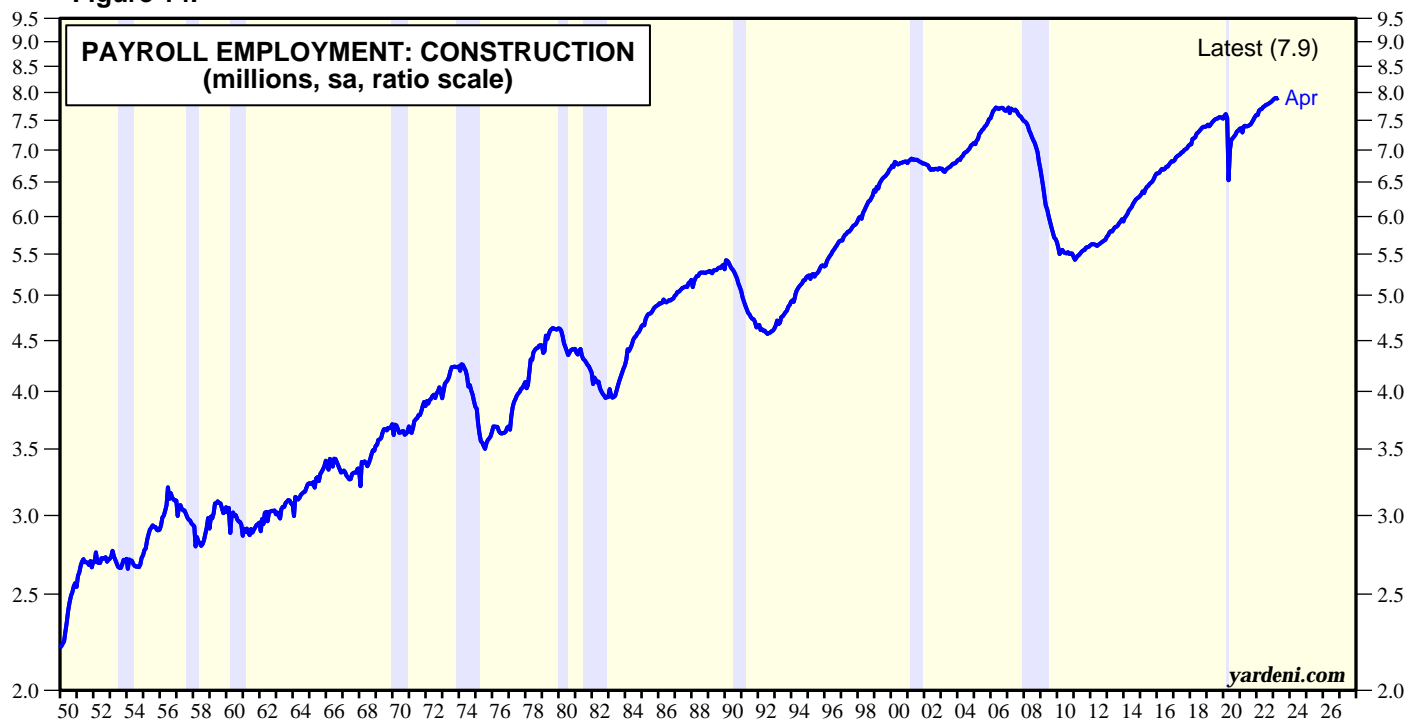
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Labor Statistics.

Figure 13.



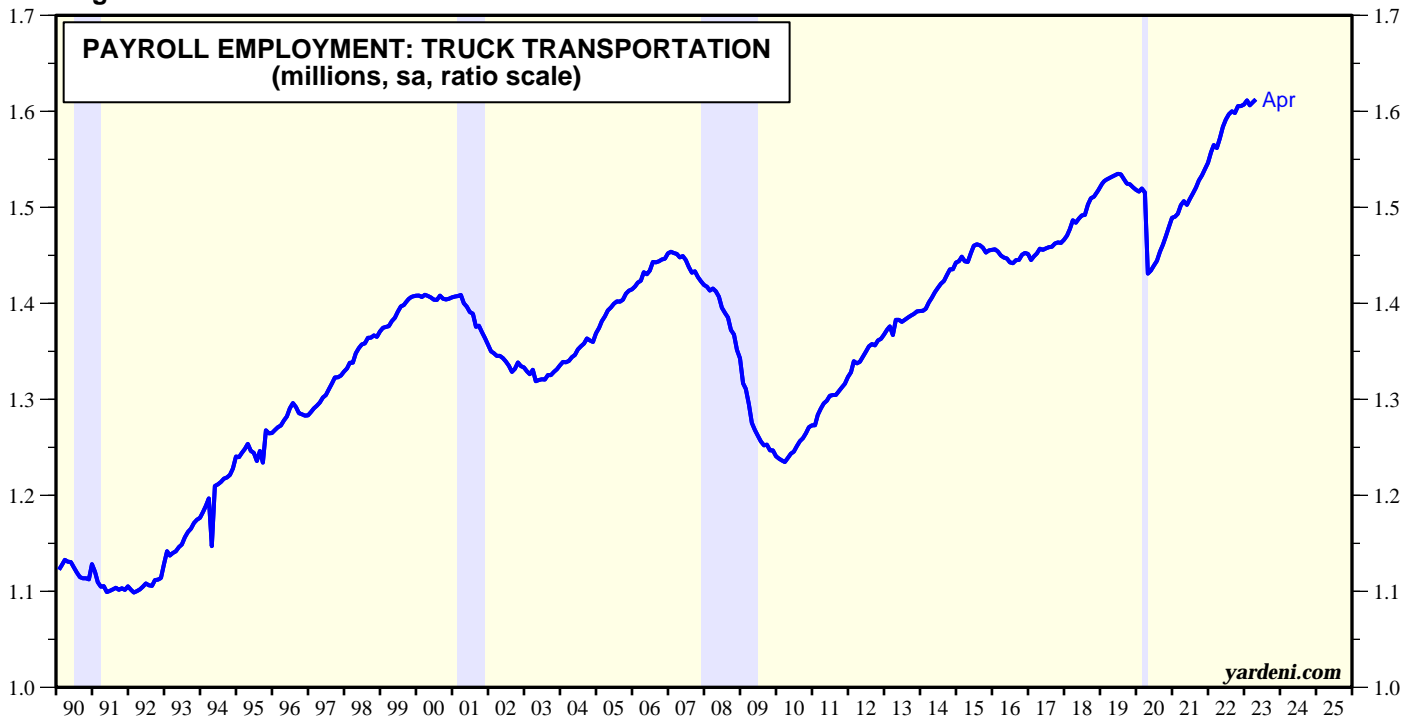
* Aggregate weekly hours times average hourly earnings of total private industries times 52.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Labor Statistics, Census Bureau, and Bureau of Economic Analysis.

Figure 14.



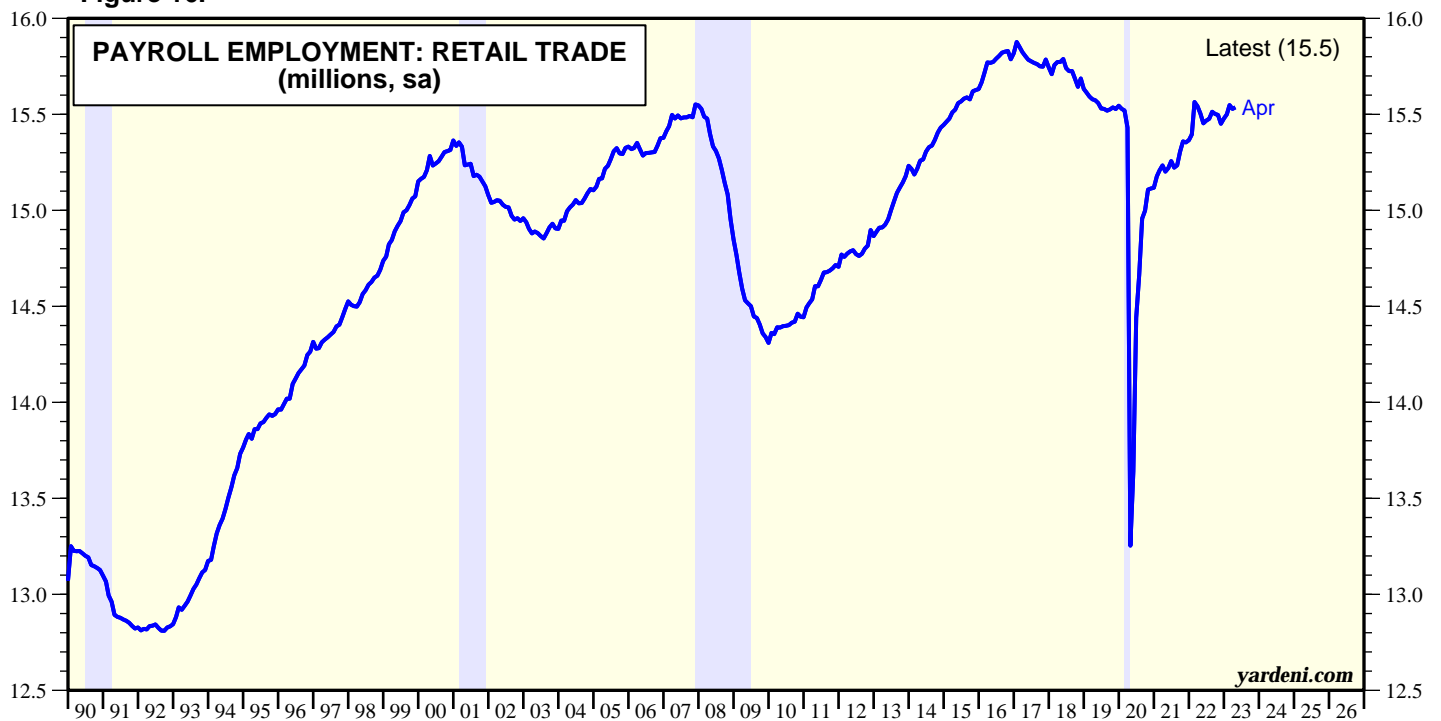
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Labor Statistics.

Figure 15.



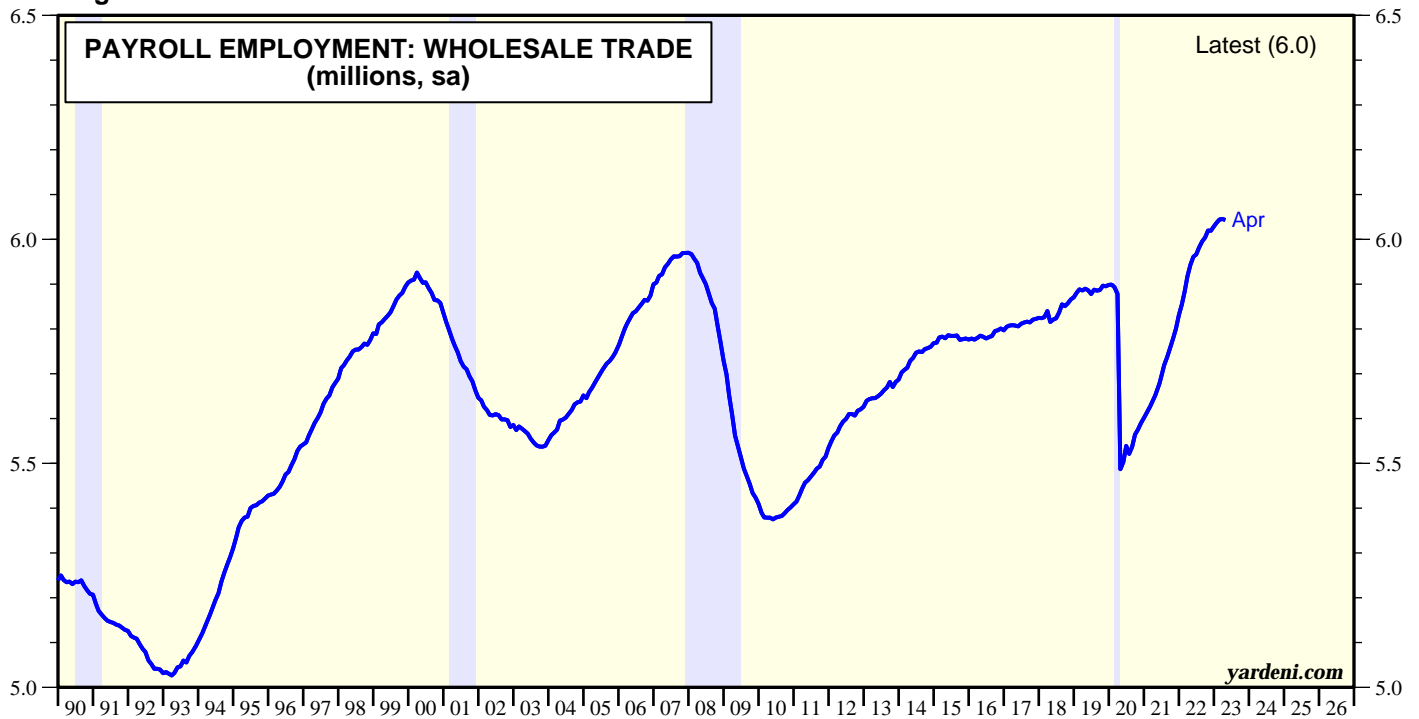
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics.

Figure 16.



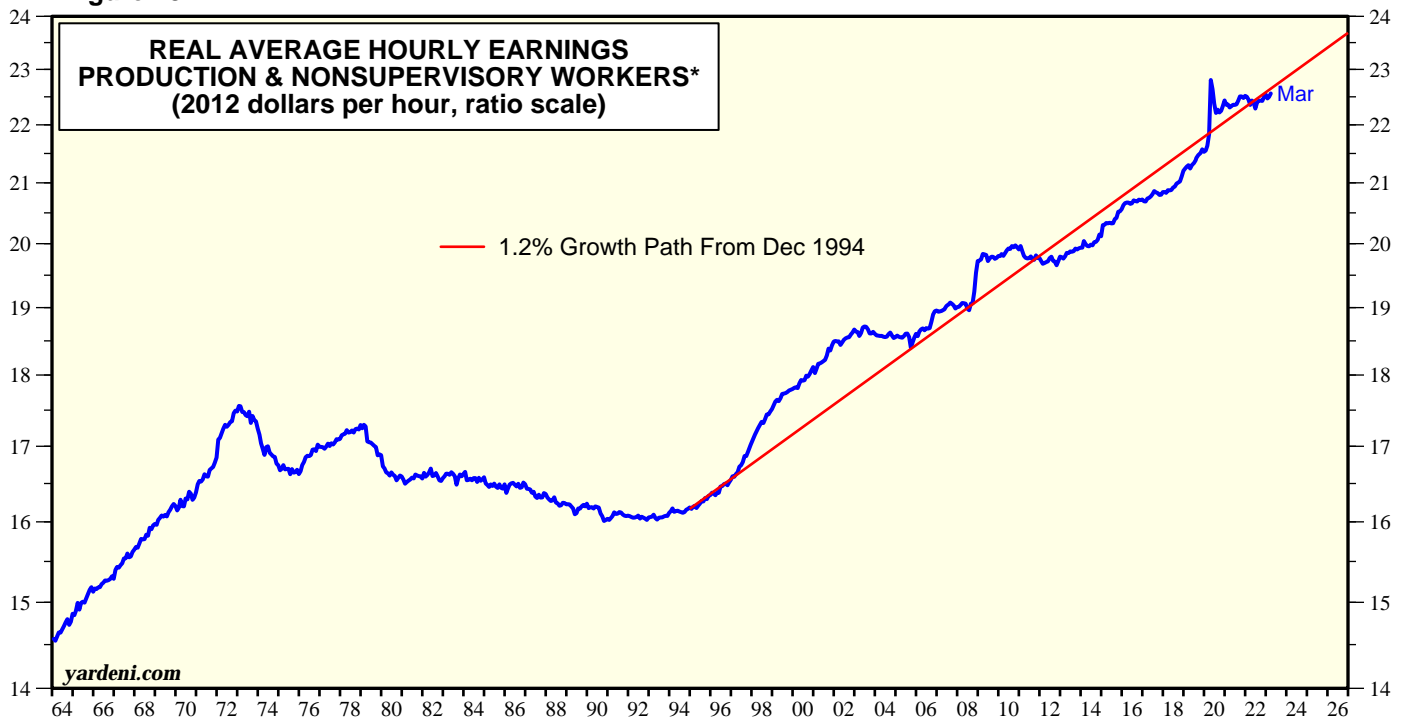
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Labor Statistics.

Figure 17.



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

Figure 18.



* Average hourly earnings deflated by personal consumption expenditures deflator.
 Source: Bureau of Labor Statistics, Bureau of Economic Analysis, and Haver Analytics.

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