

Chart Collection for Morning Briefing

Yardeni Research, Inc.

July 31, 2023

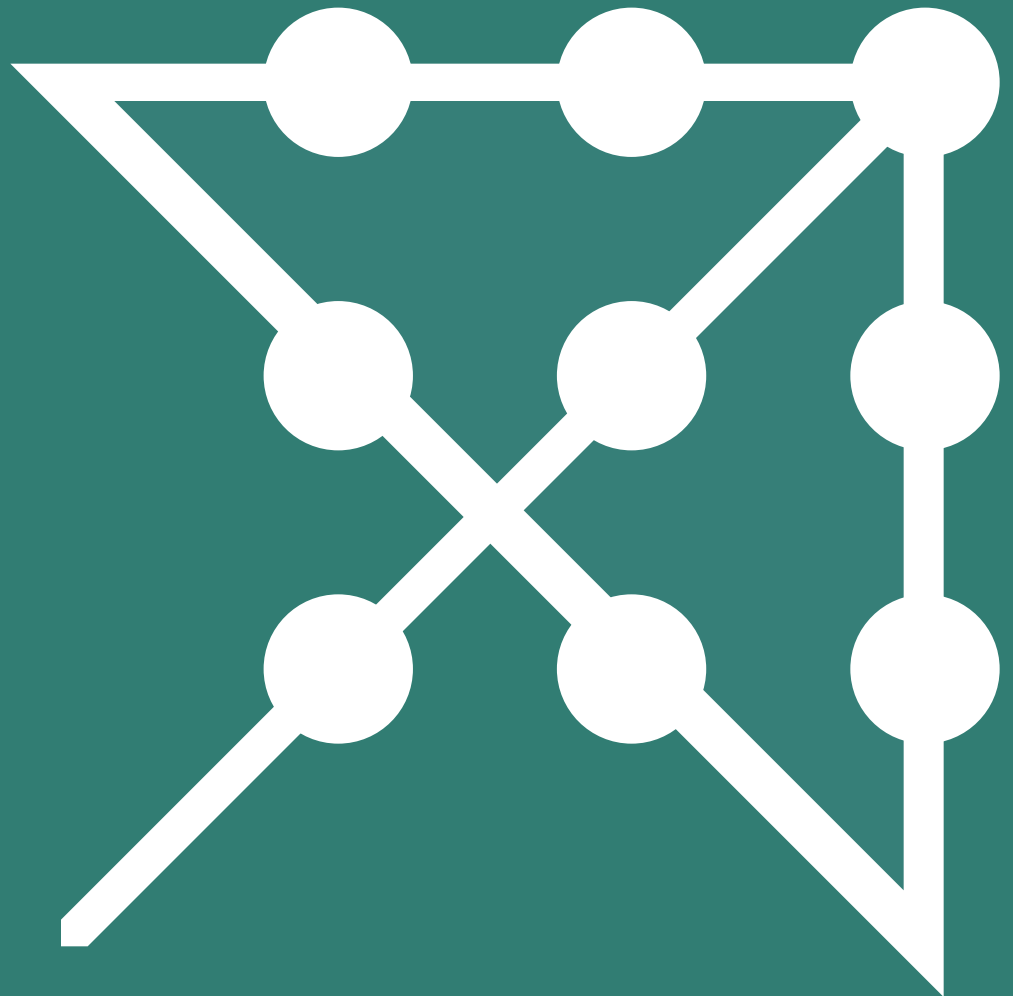
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Mali Quintana

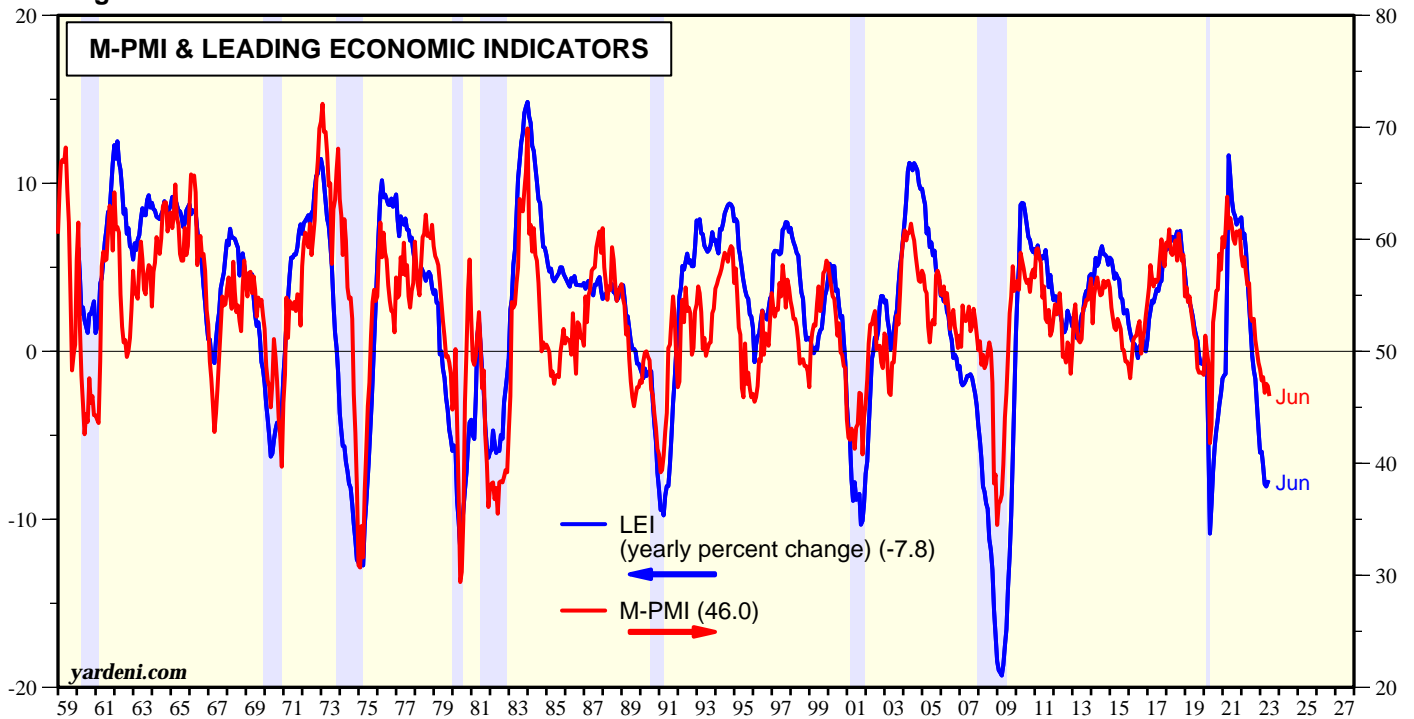
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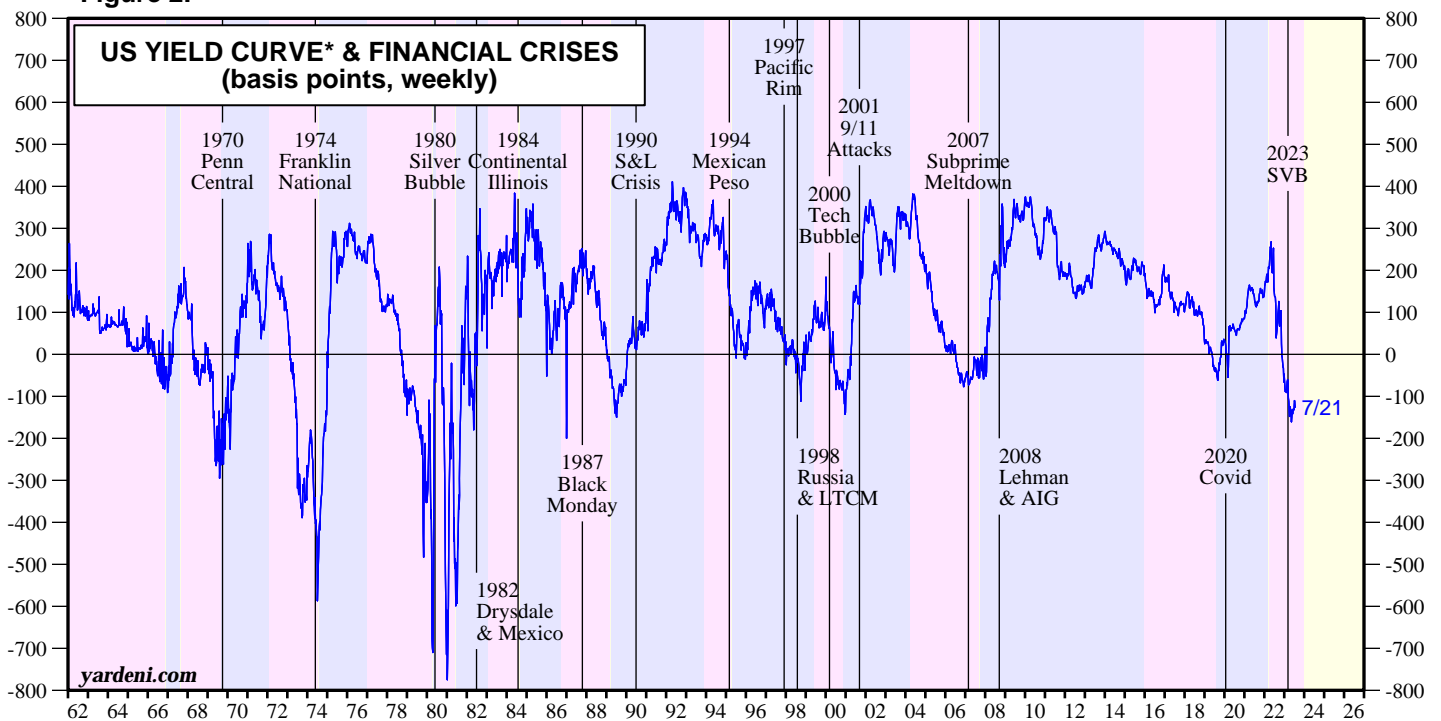
thinking outside the box

Figure 1.



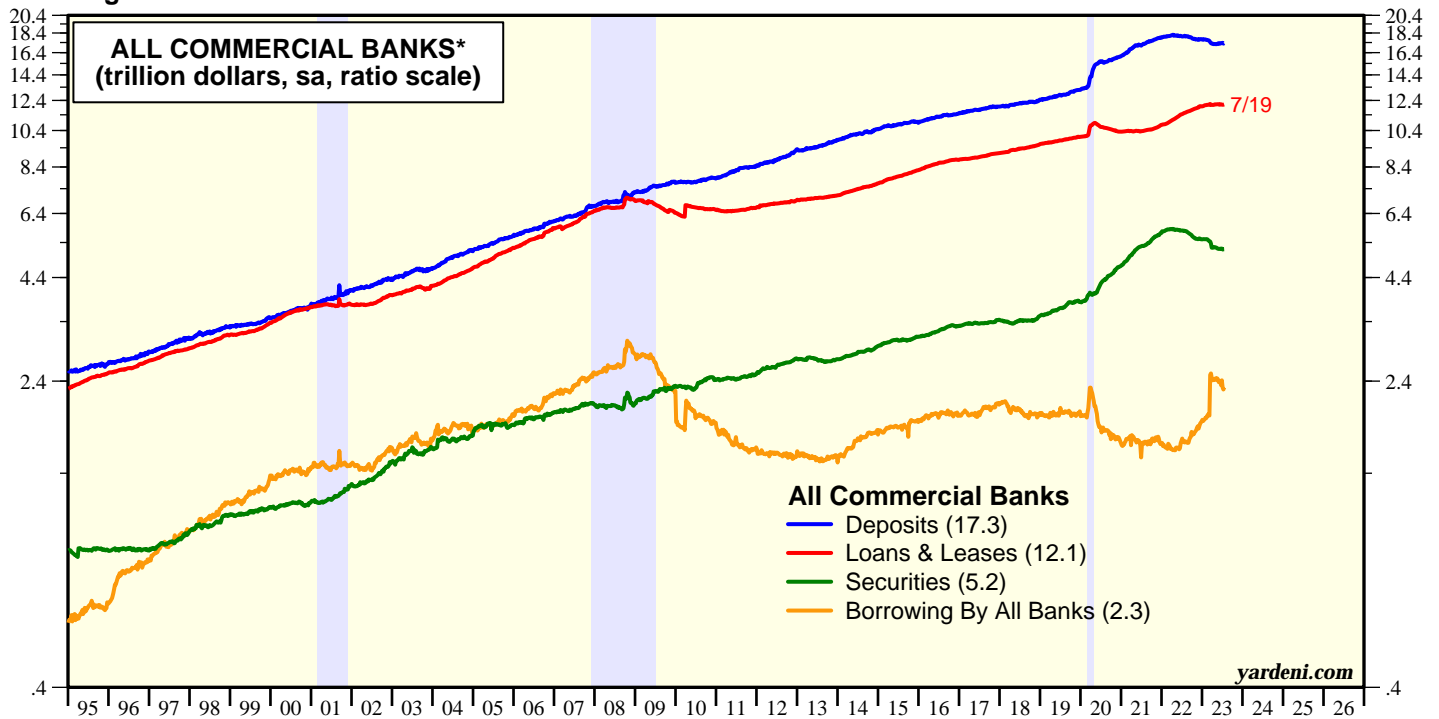
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Economic Analysis and Institute for Supply Management.

Figure 2.



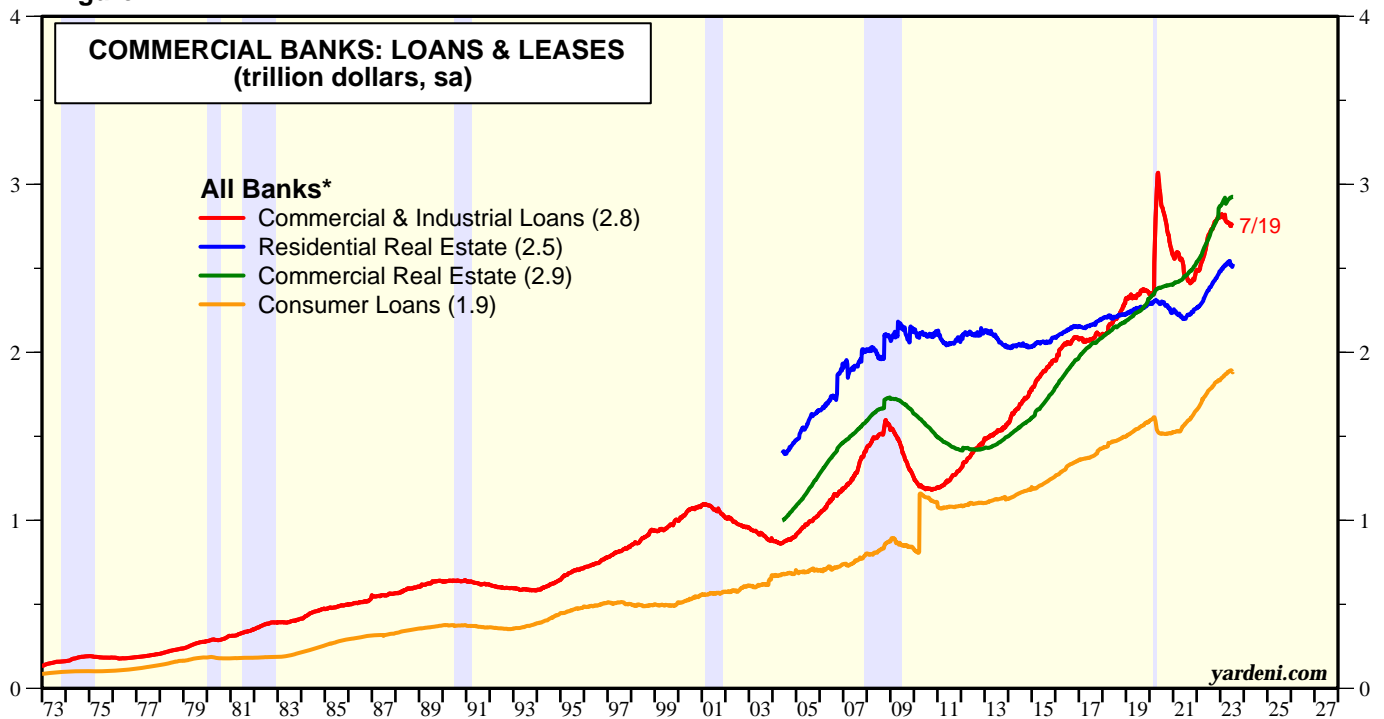
* 10-year US Treasury yield less federal funds rate.
 Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods
 Source: Federal Reserve Board.

Figure 3.



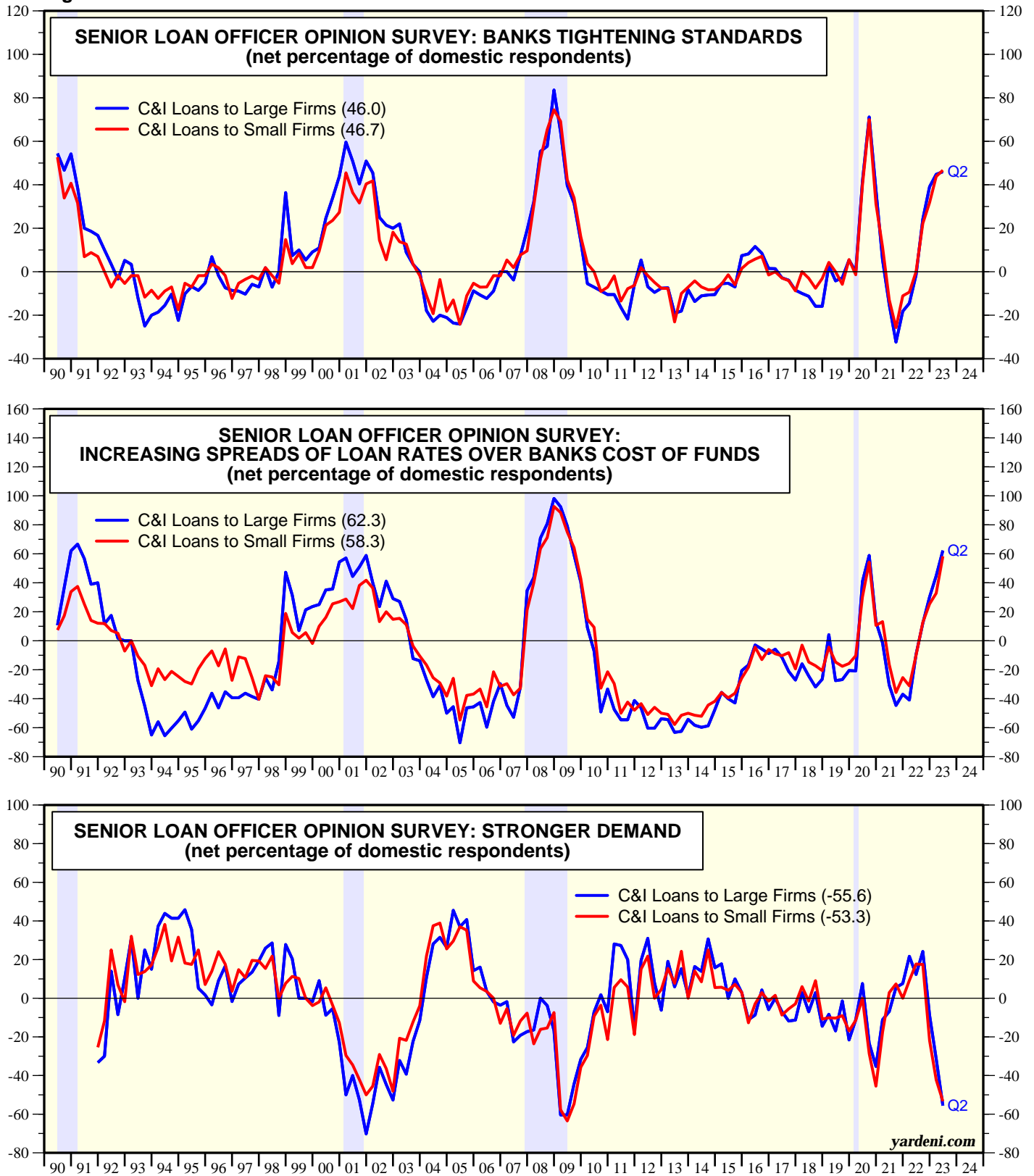
* Includes domestically chartered commercial banks and foreign-related ones.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Board.

Figure 4.



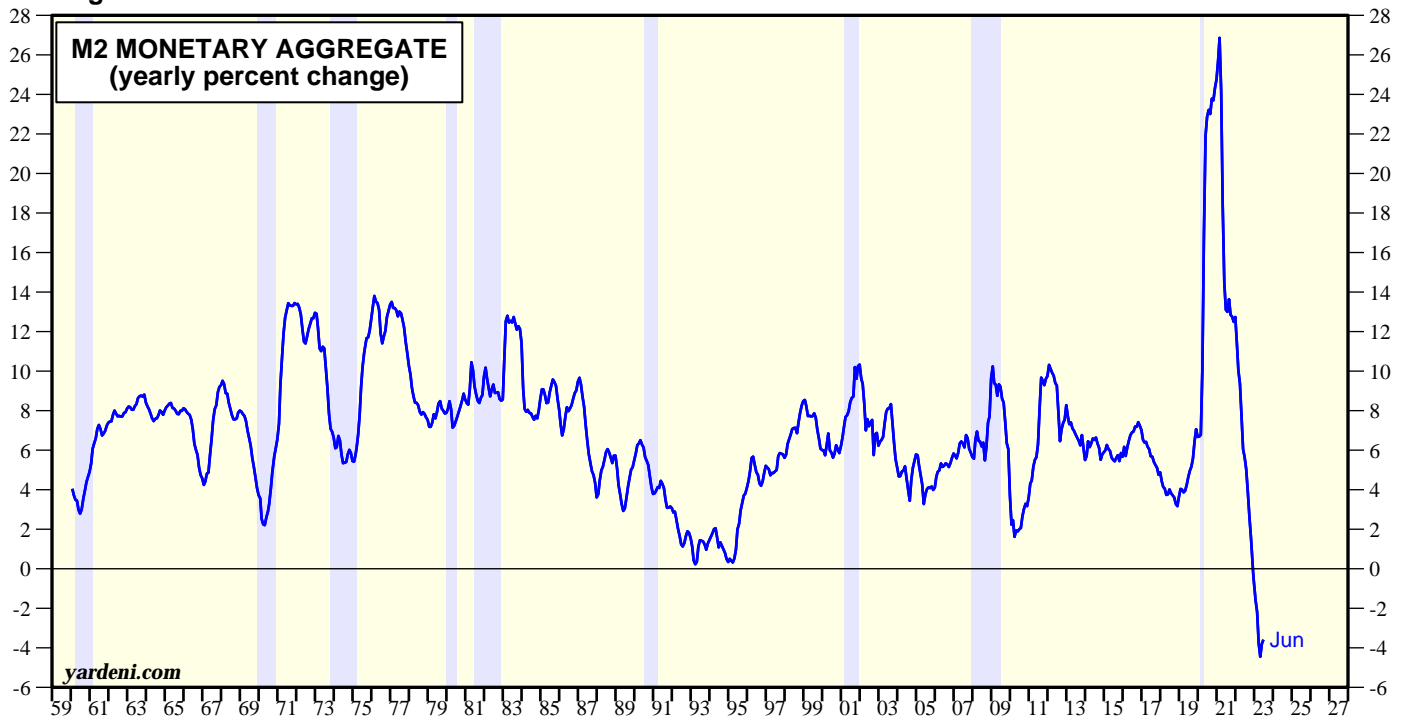
* Includes domestically chartered commercial banks and foreign-related ones.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Board.

Figure 5.



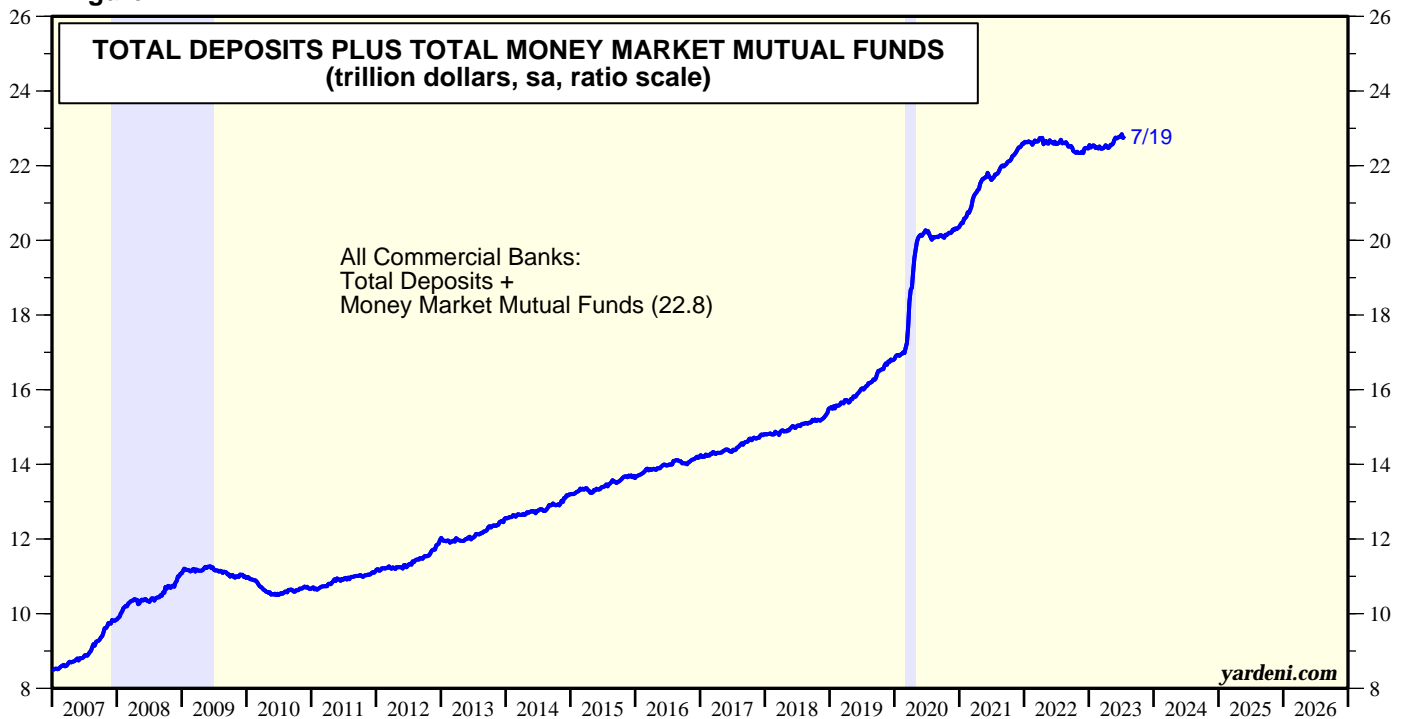
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Board.

Figure 6.



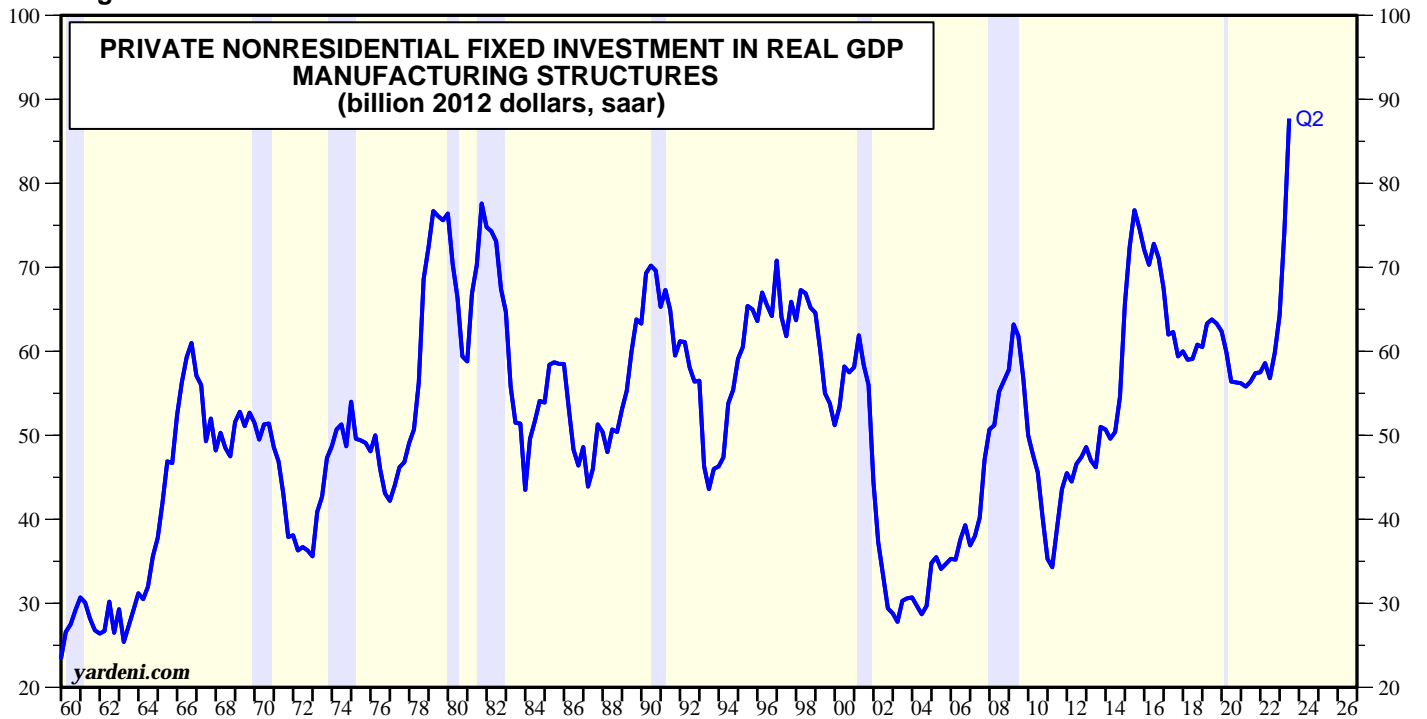
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Board of Governors of the Federal Reserve System.

Figure 7.



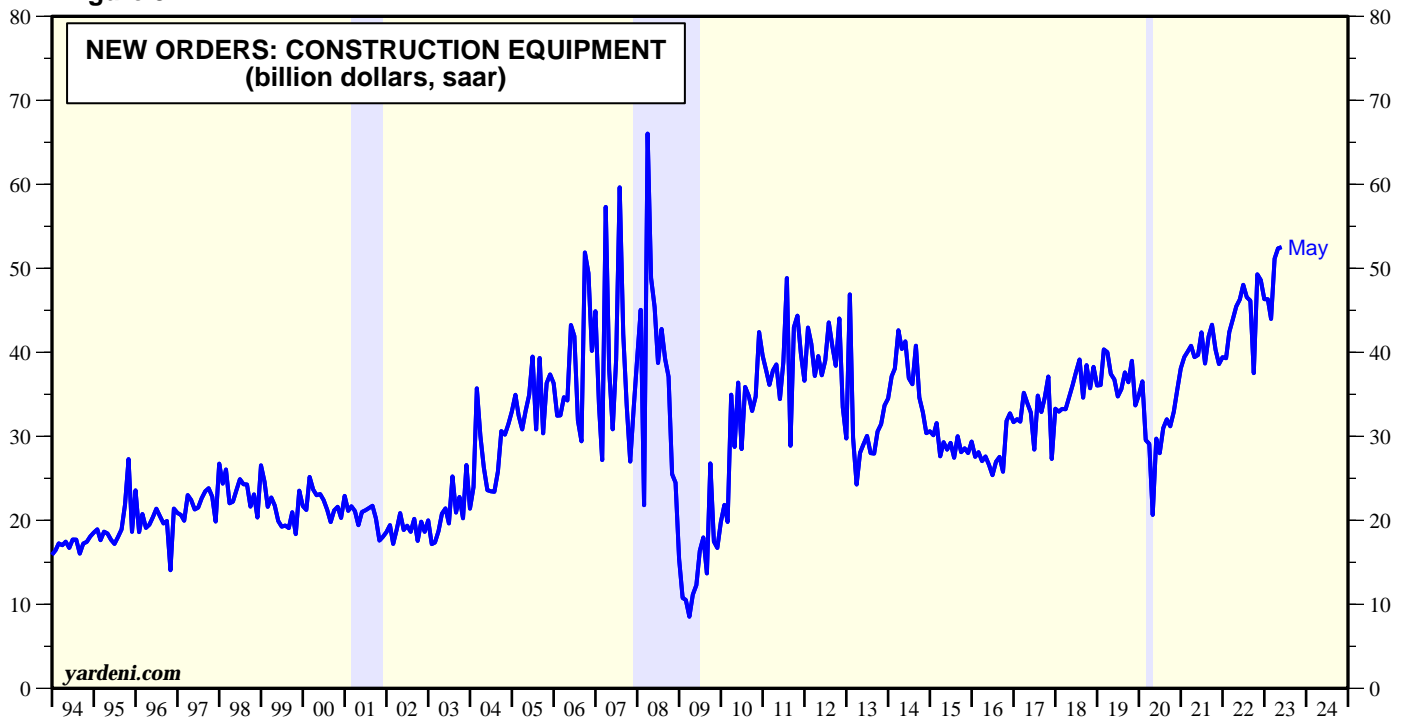
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Board of Governors of the Federal Reserve System.

Figure 8.



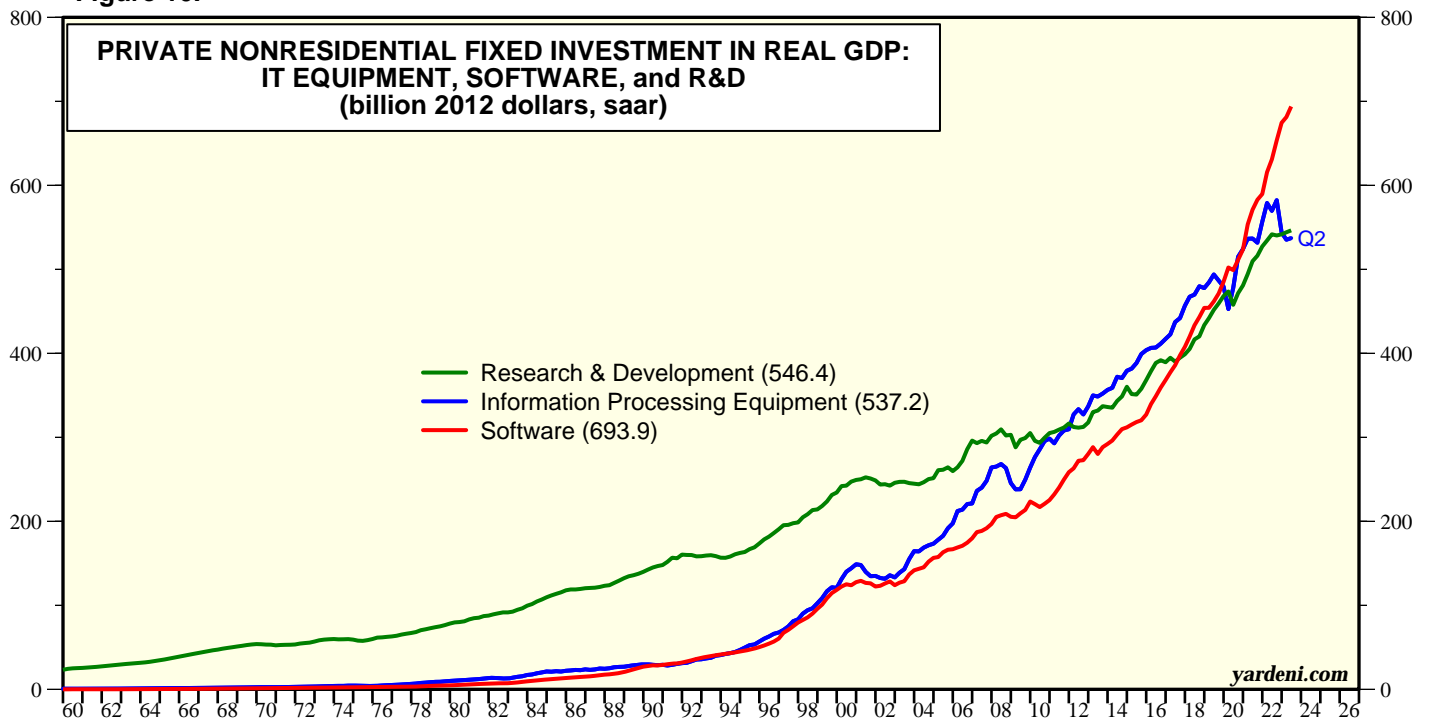
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Economic Analysis.

Figure 9.



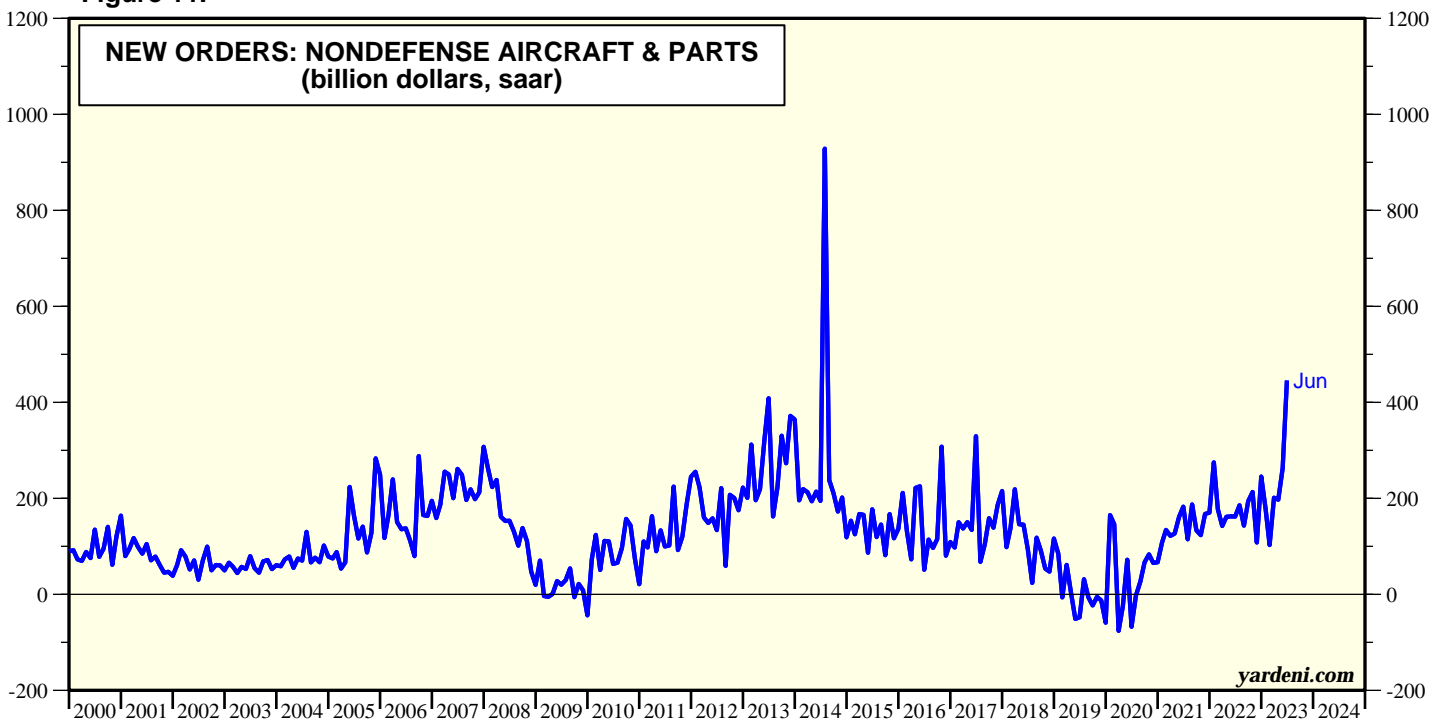
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of the Census.

Figure 10.



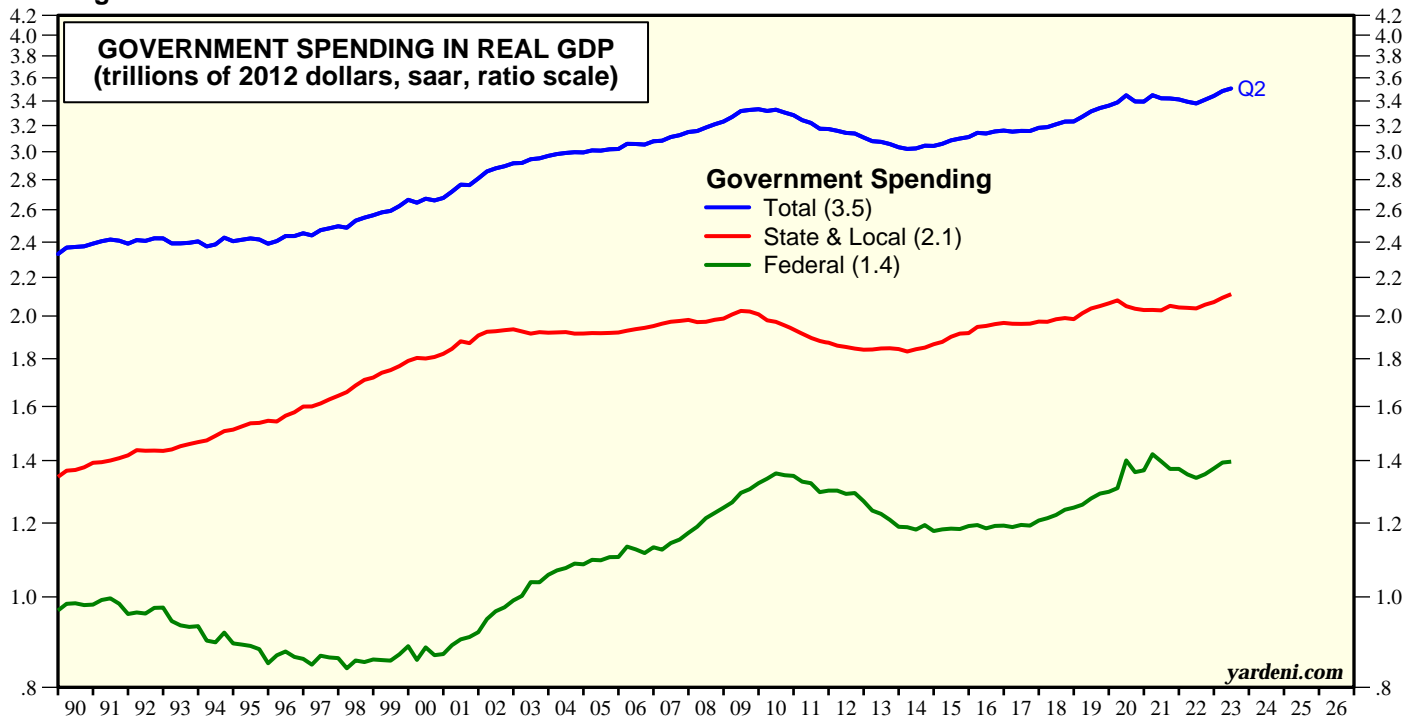
Source: US Department of Commerce, Bureau of Economic Analysis.

Figure 11.



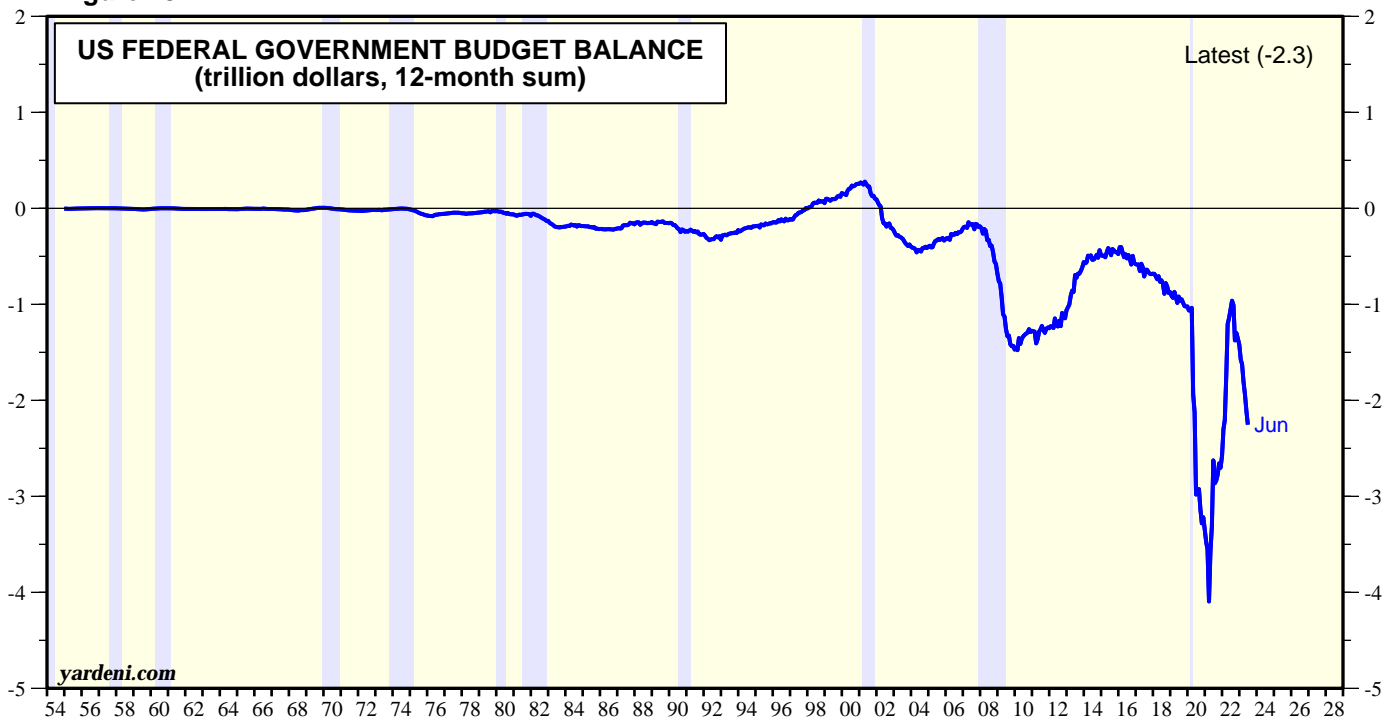
Source: Census Bureau.

Figure 12.



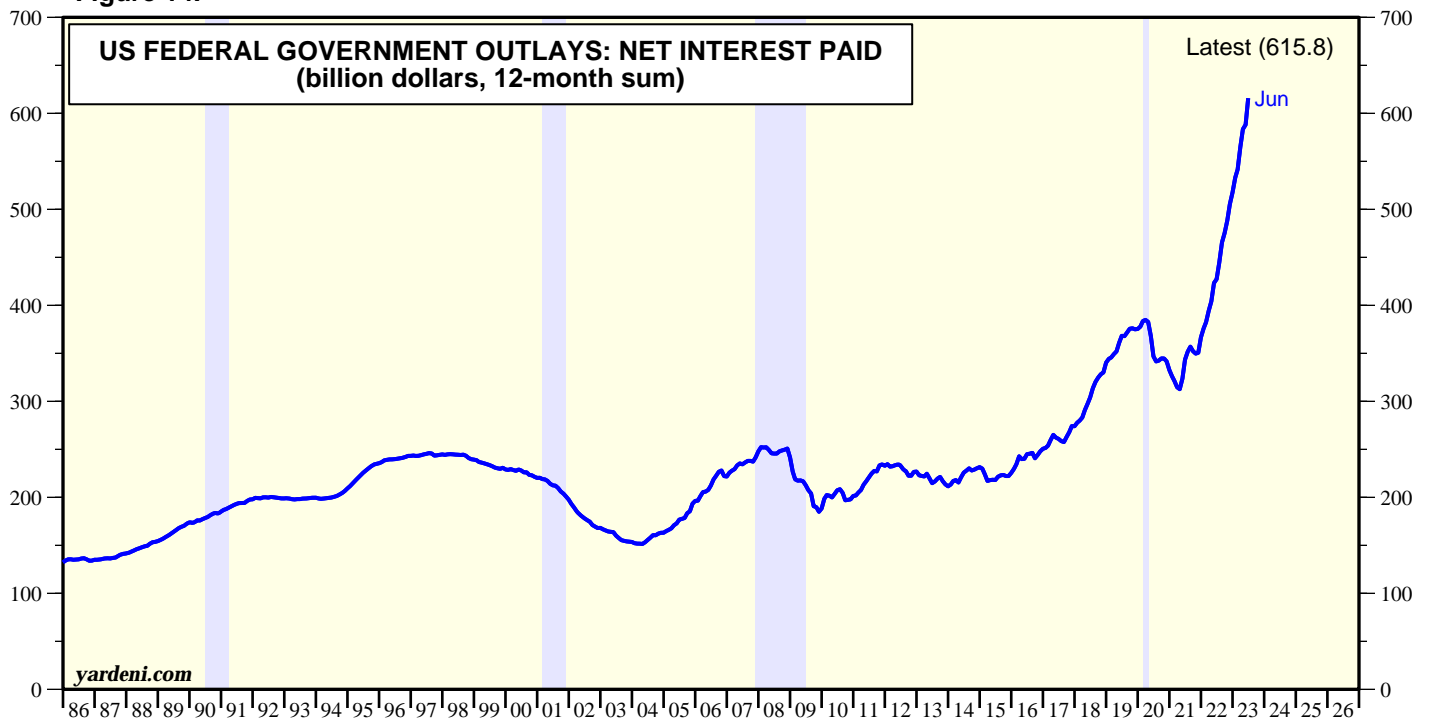
Source: Bureau of Economic Analysis.

Figure 13.



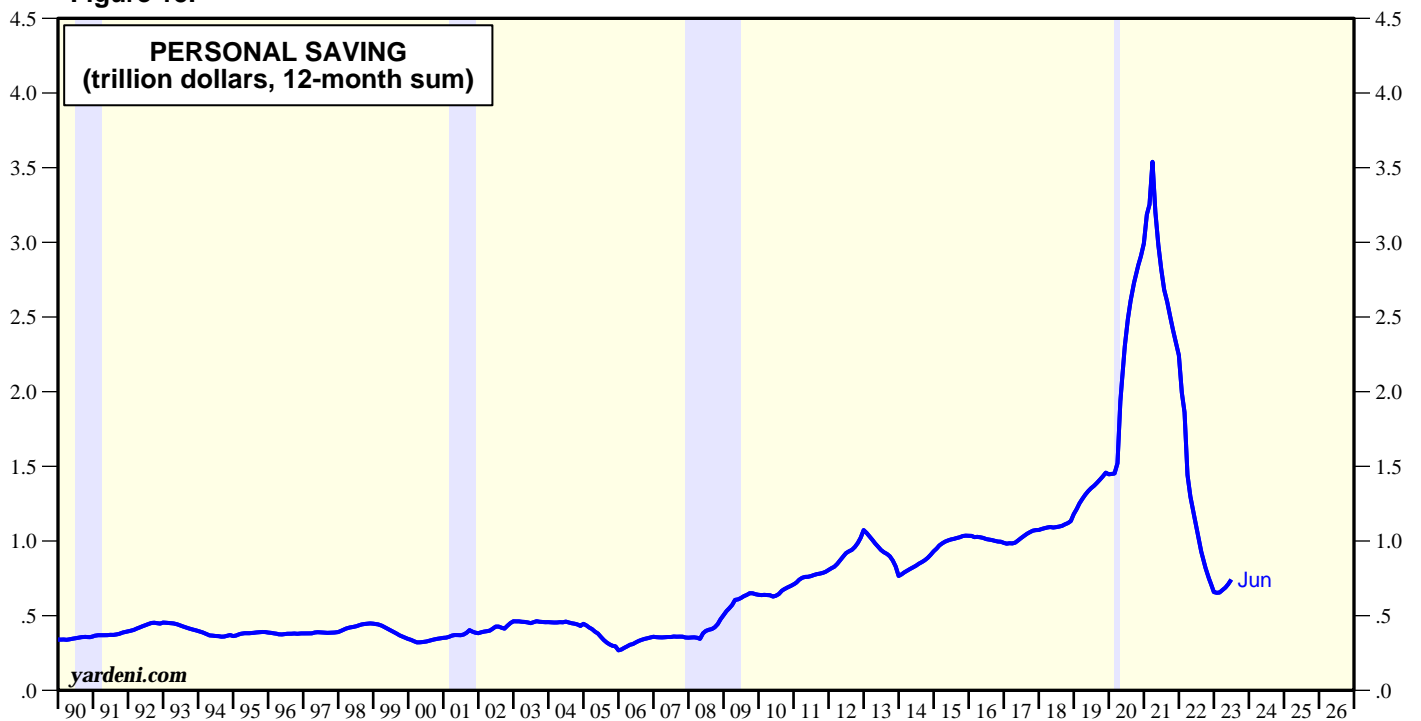
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: US Treasury Department.

Figure 14.



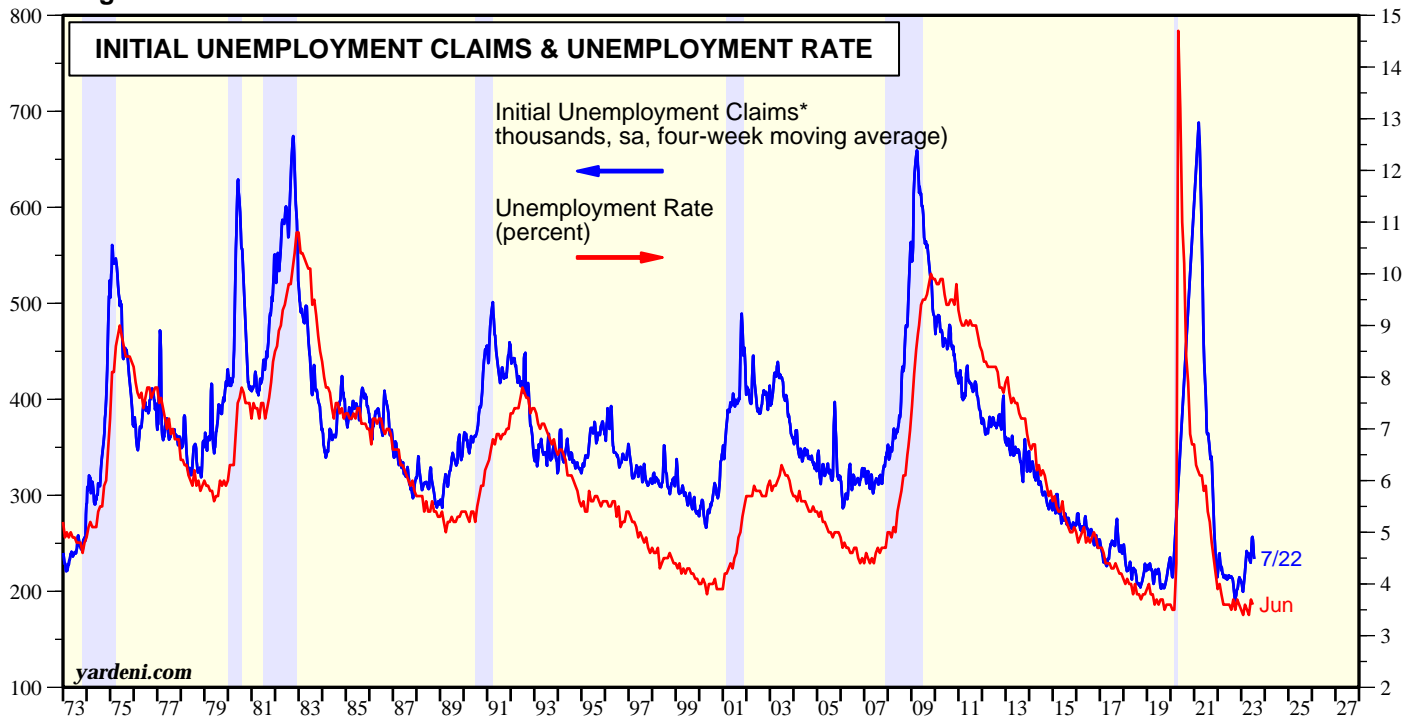
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: US Treasury Department.

Figure 15.



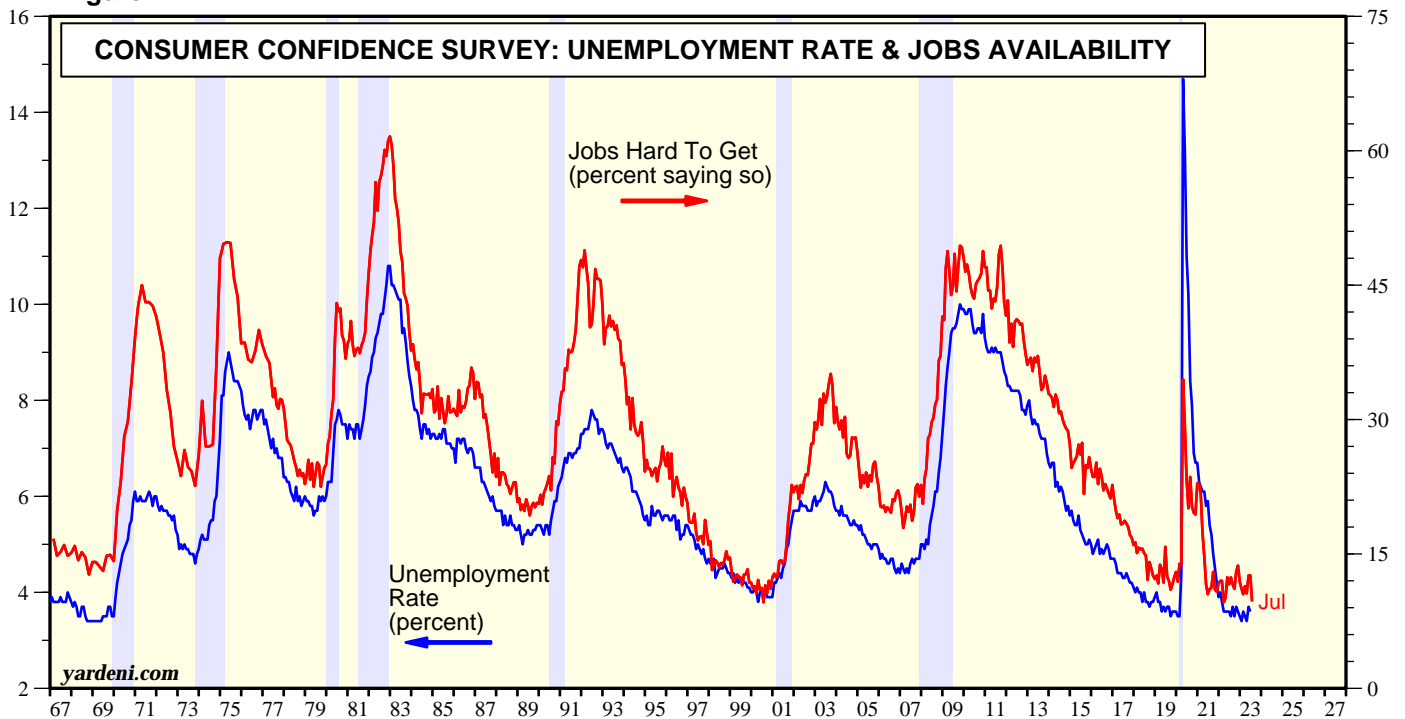
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Bureau of Economic Analysis and Haver Analytics.

Figure 16.



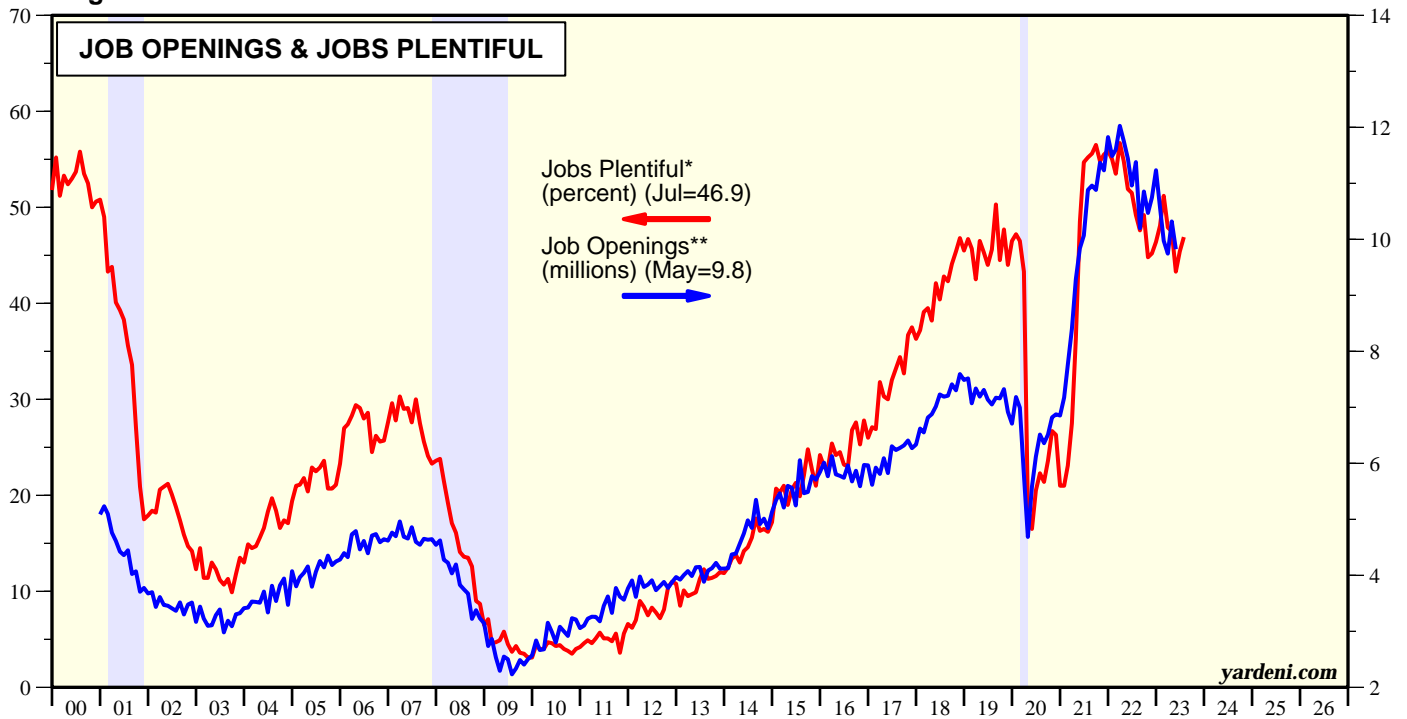
* Capped from February 2020 to February 2021.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Bureau of Labor Statistics.

Figure 17.



* Every other month from 1967 through mid-1977, then monthly since July 1977. Seasonally adjusted.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: The Conference Board and Bureau of Labor Statistics.

Figure 18.



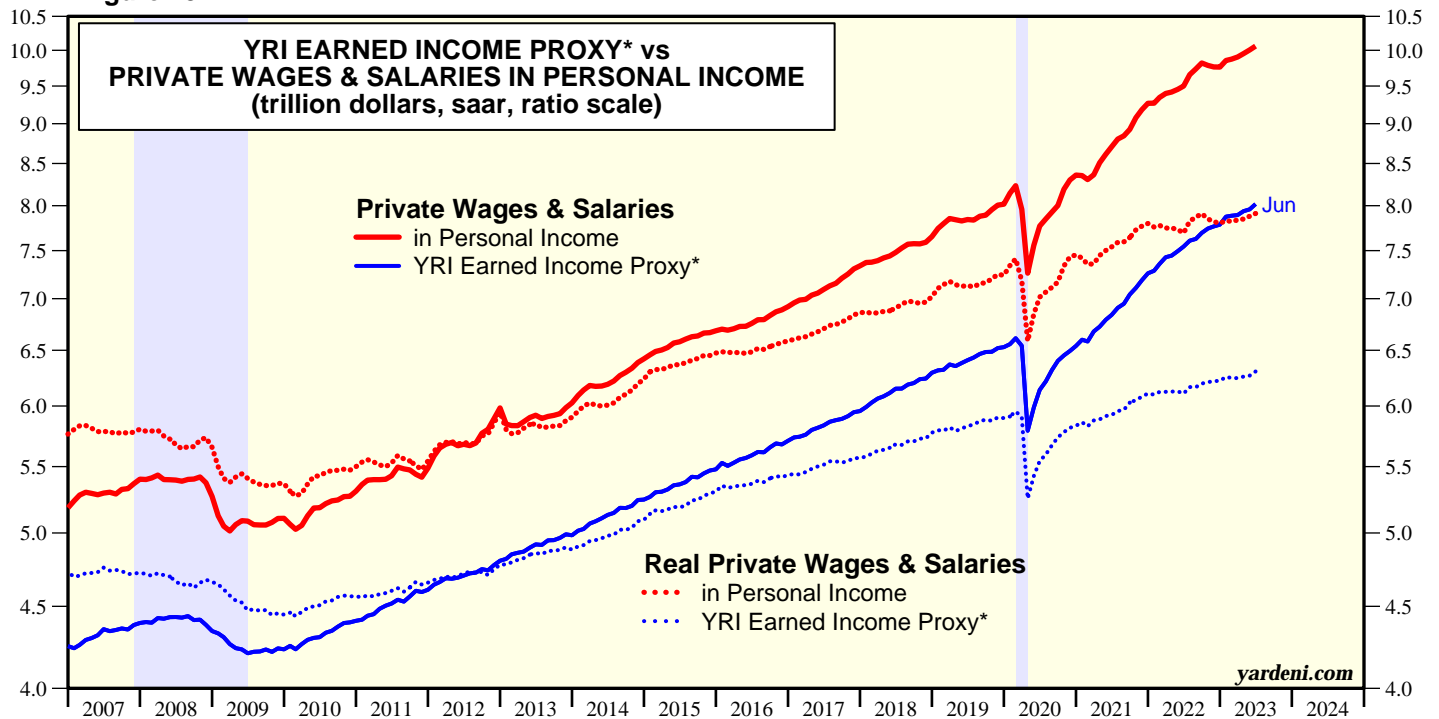
* Consumer Confidence Index survey.

** JOLTS.

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

Source: The Conference Board and Bureau of Labor Statistics.

Figure 19.

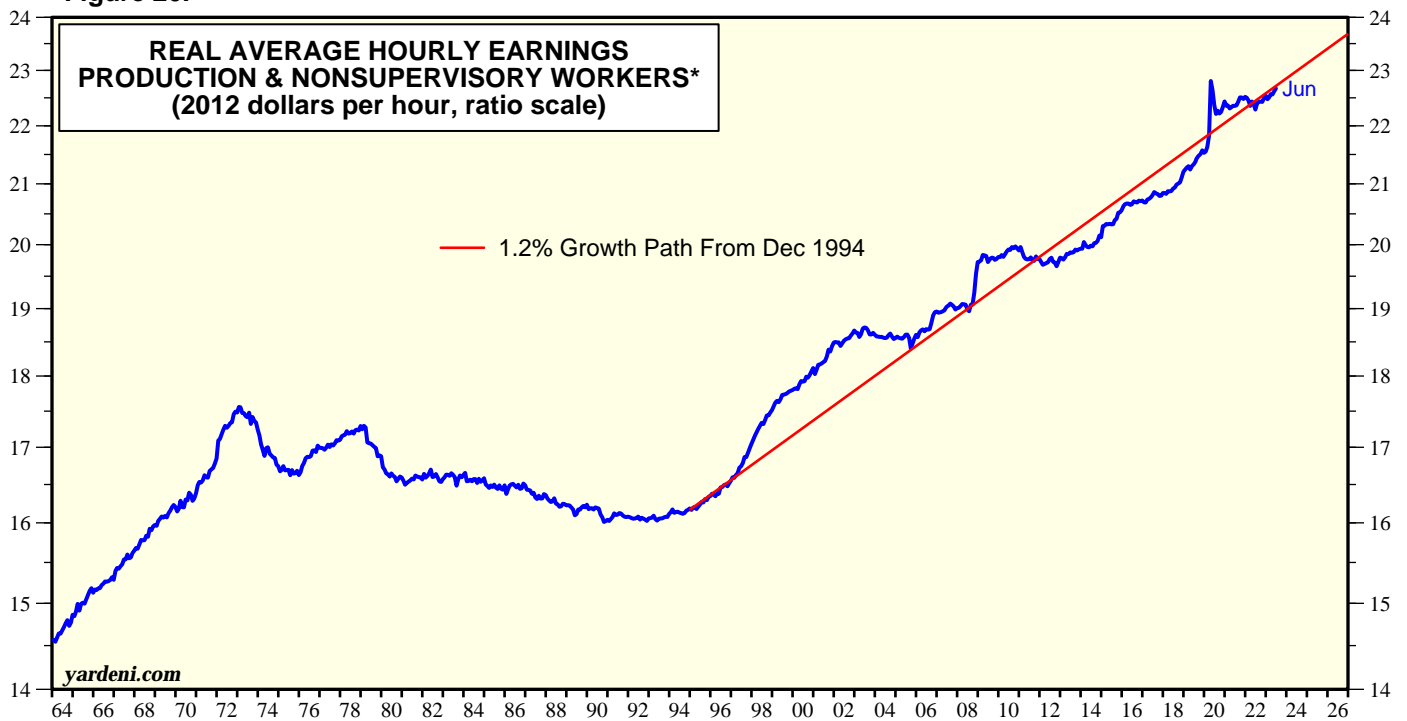


* Aggregate weekly hours times average hourly earnings of total private industries times 52.

Note: Real private wages and salaries deflated by headline PCED. Shaded areas are recessions according to the National Bureau of Economic Research.

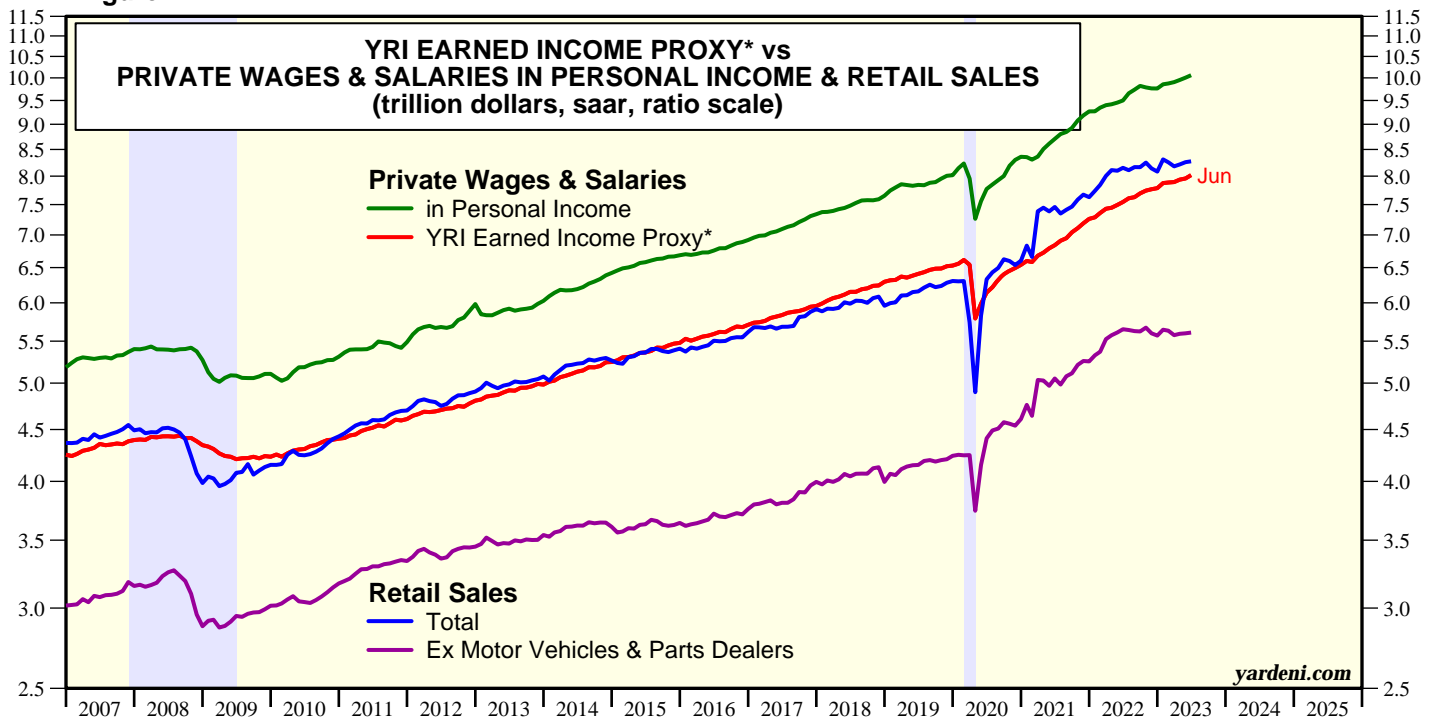
Source: Bureau of Labor Statistics and Bureau of Economic Analysis.

Figure 20.



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

Figure 21.



* 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.

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