

Chart Collection for Morning Briefing

Yardeni Research, Inc.

August 4, 2020

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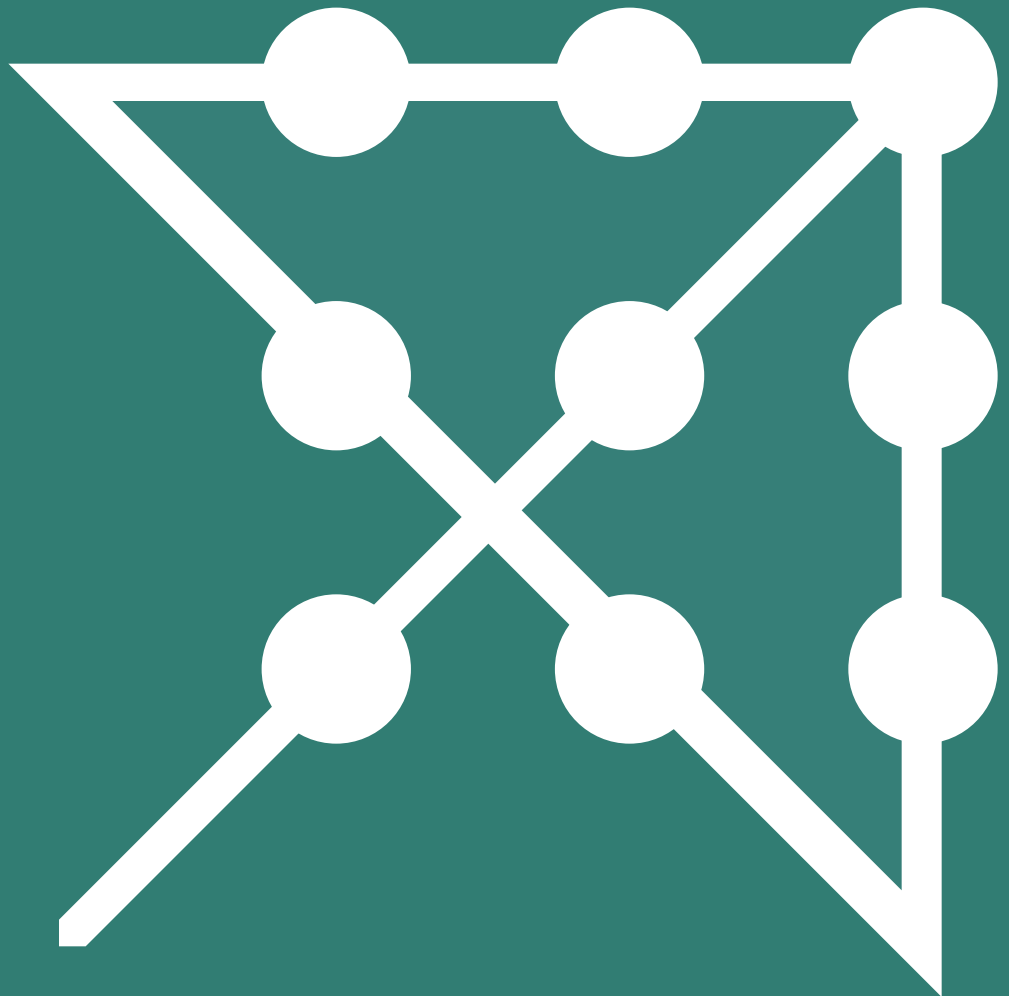
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Mali Quintana

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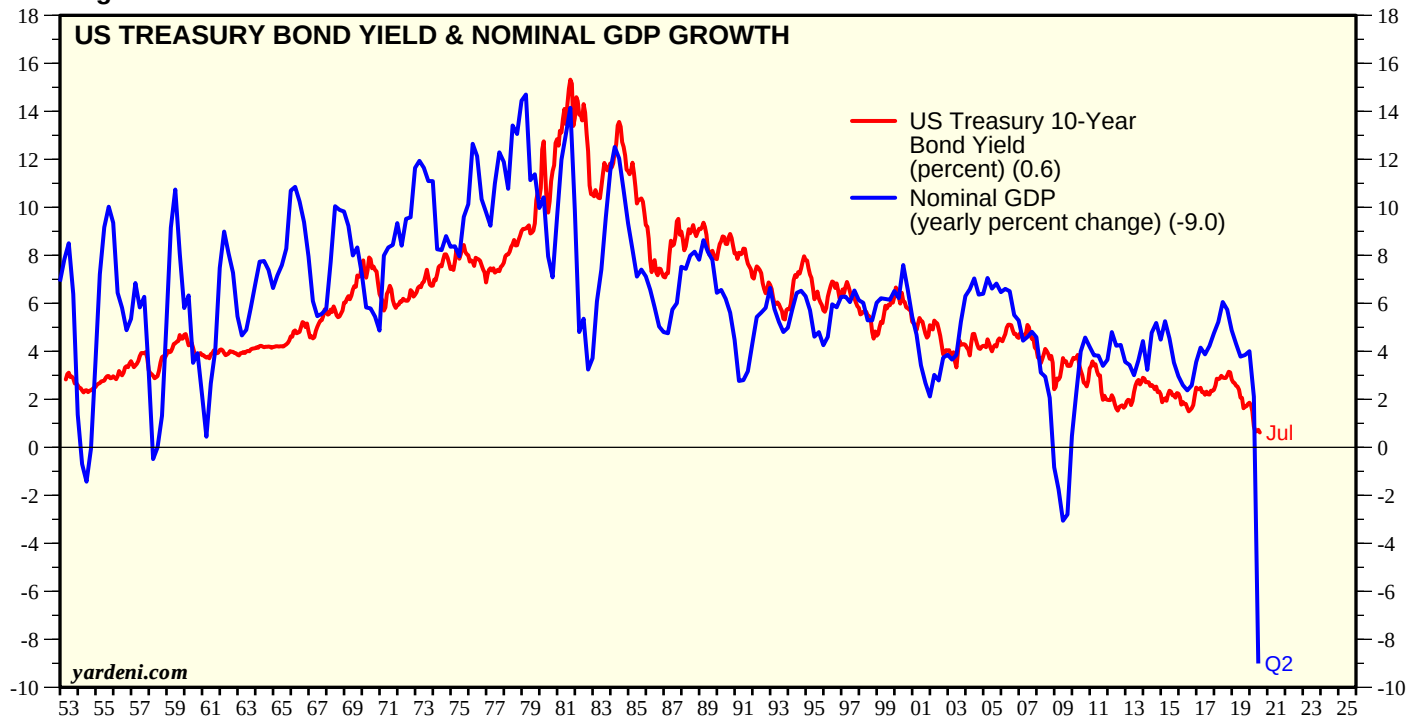
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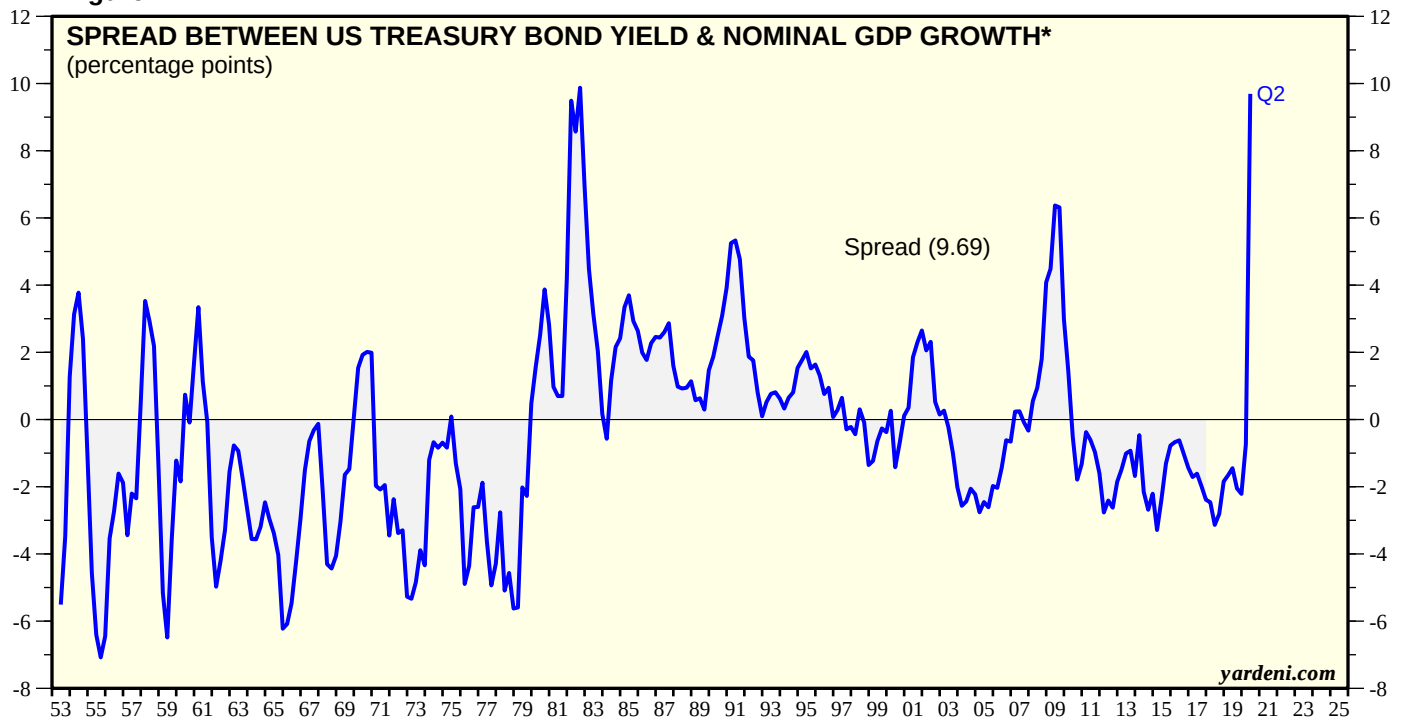
thinking outside the box

Figure 1.



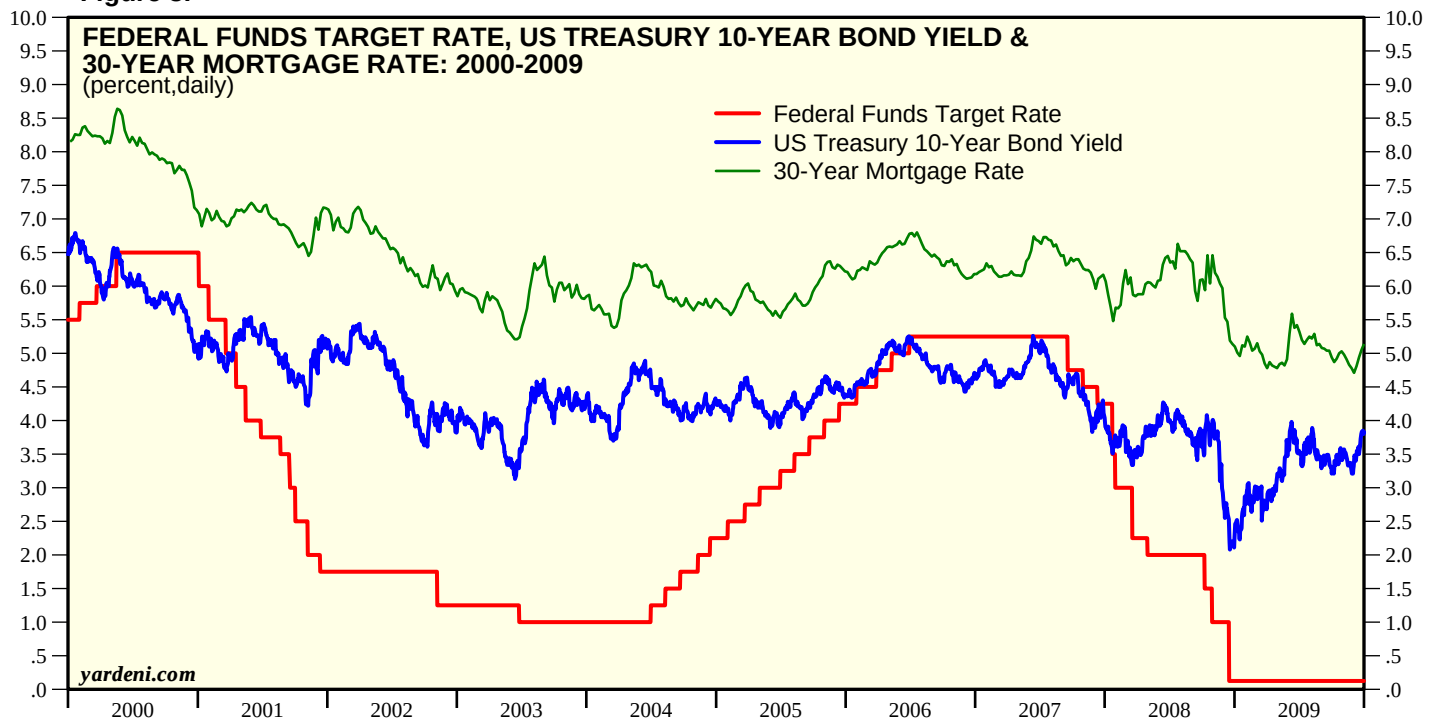
Source: Bureau of Economic Analysis and Federal Reserve Board.

Figure 2.



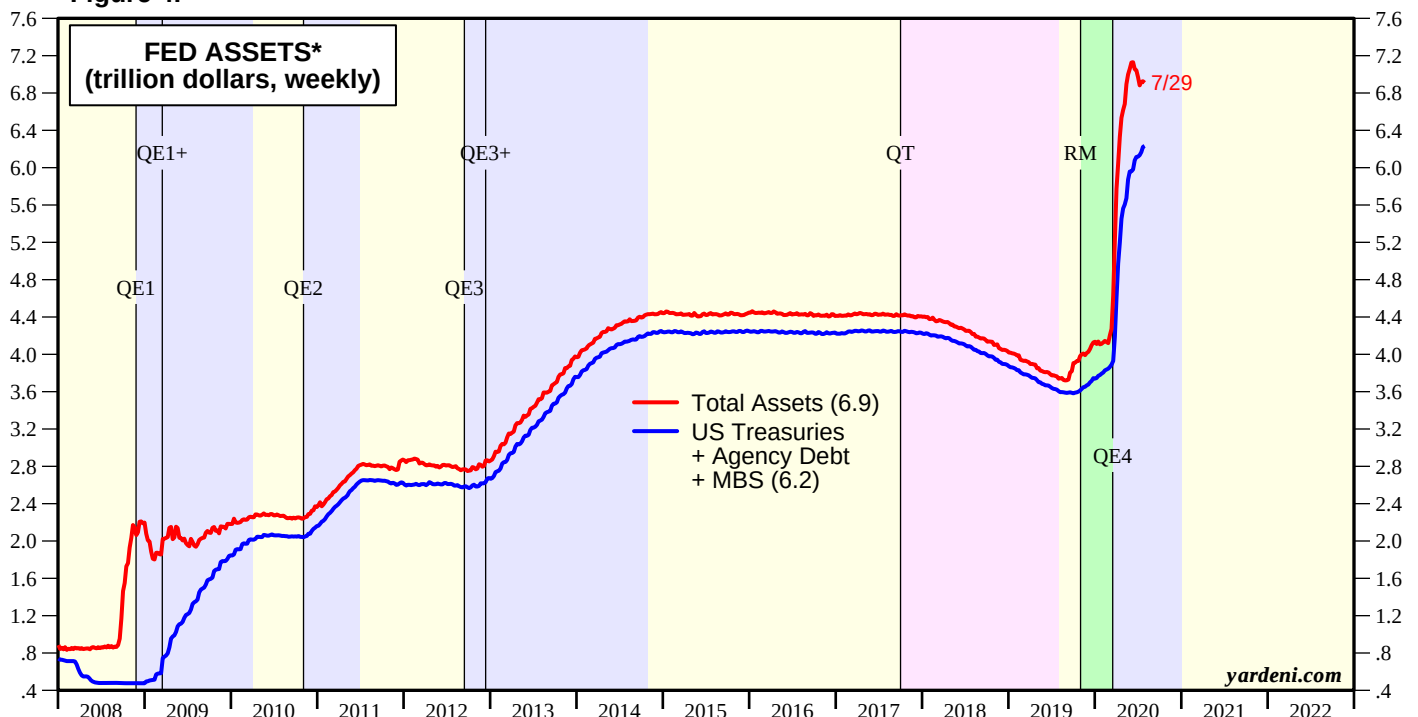
* US Treasury 10-year bond yield minus yearly percent change in nominal GDP.
Source: Bureau of Economic Analysis and Federal Reserve Board.

Figure 3.



Source: Federal Reserve Board and Federal Home Loan Mortgage Corporation.

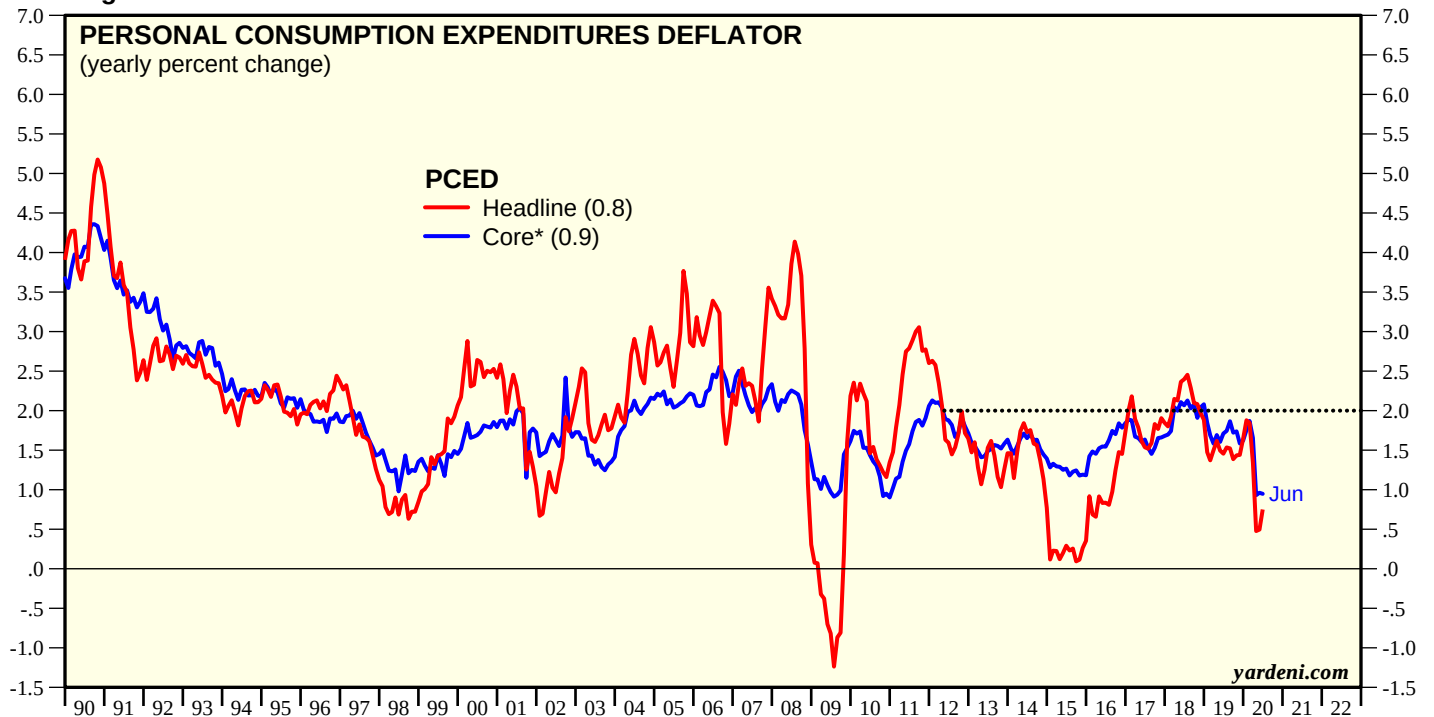
Figure 4.



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. 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).

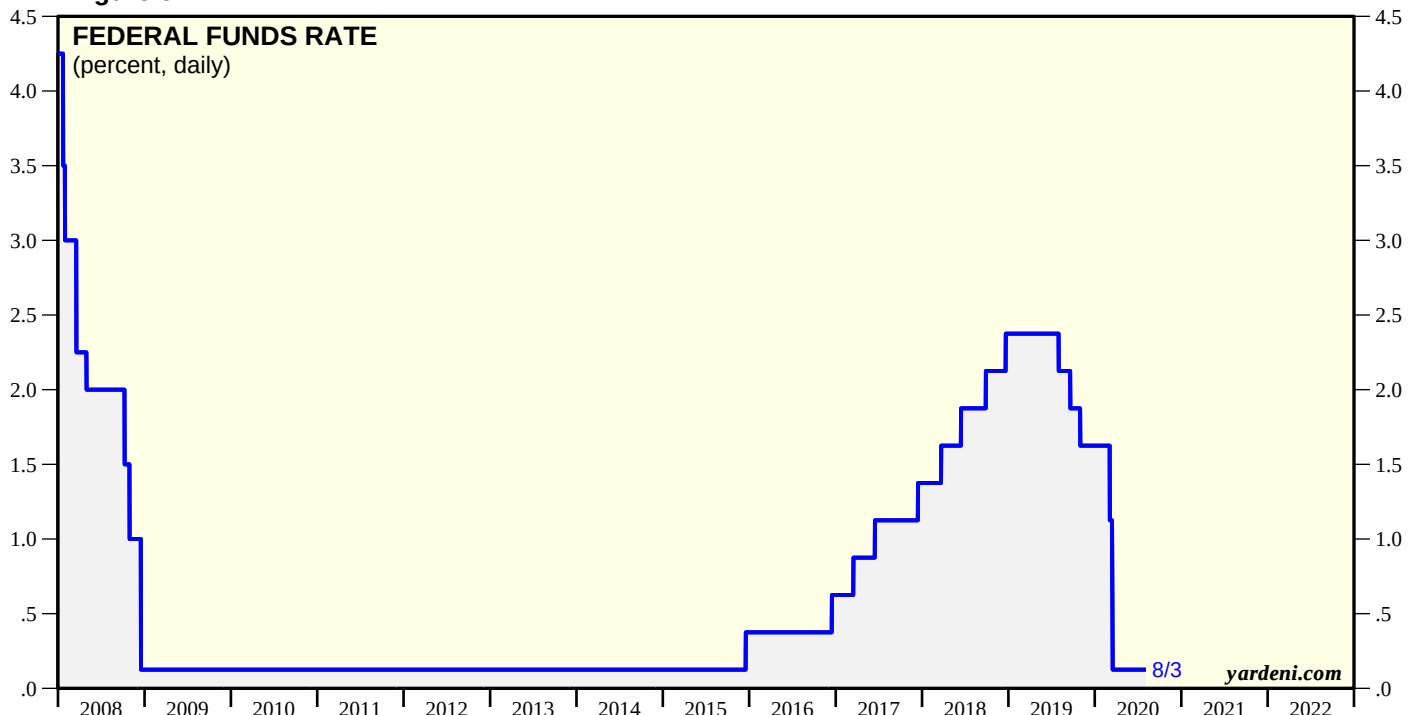
* Fed data are averages of daily figures for weeks ending Wednesday. Source: Federal Reserve Board.

Figure 5.



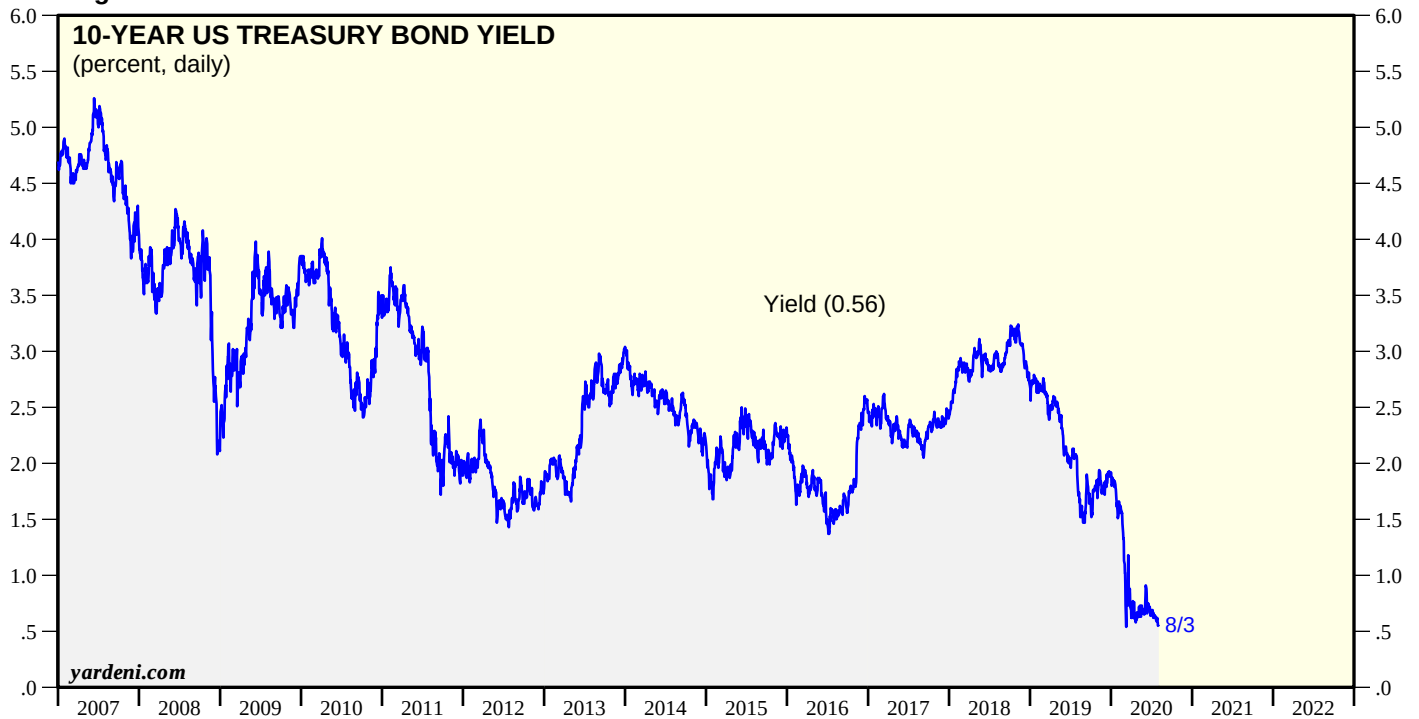
* Excluding food and energy prices.
Note: Dotted line is the Fed's official target set during January 2012.
Source: Bureau of Economic Analysis.

Figure 6.



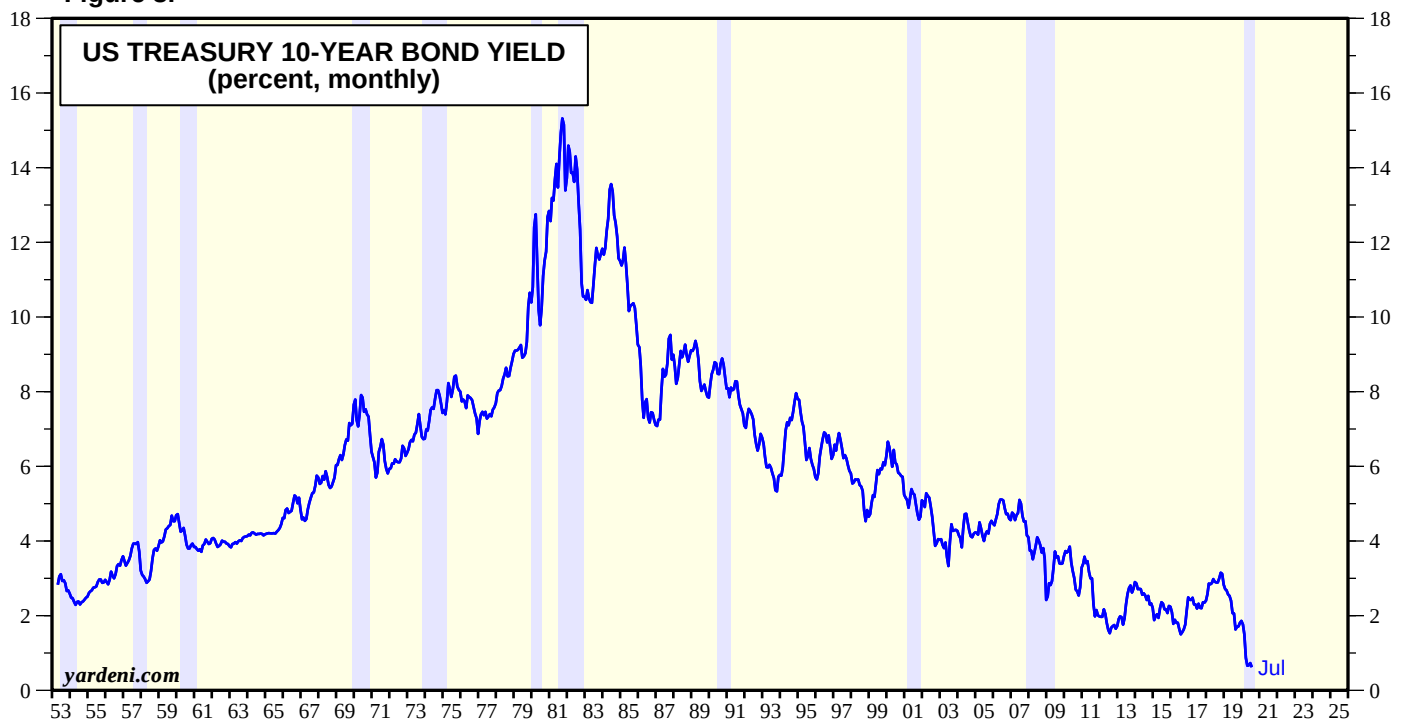
Source: Federal Reserve Board.

Figure 7.



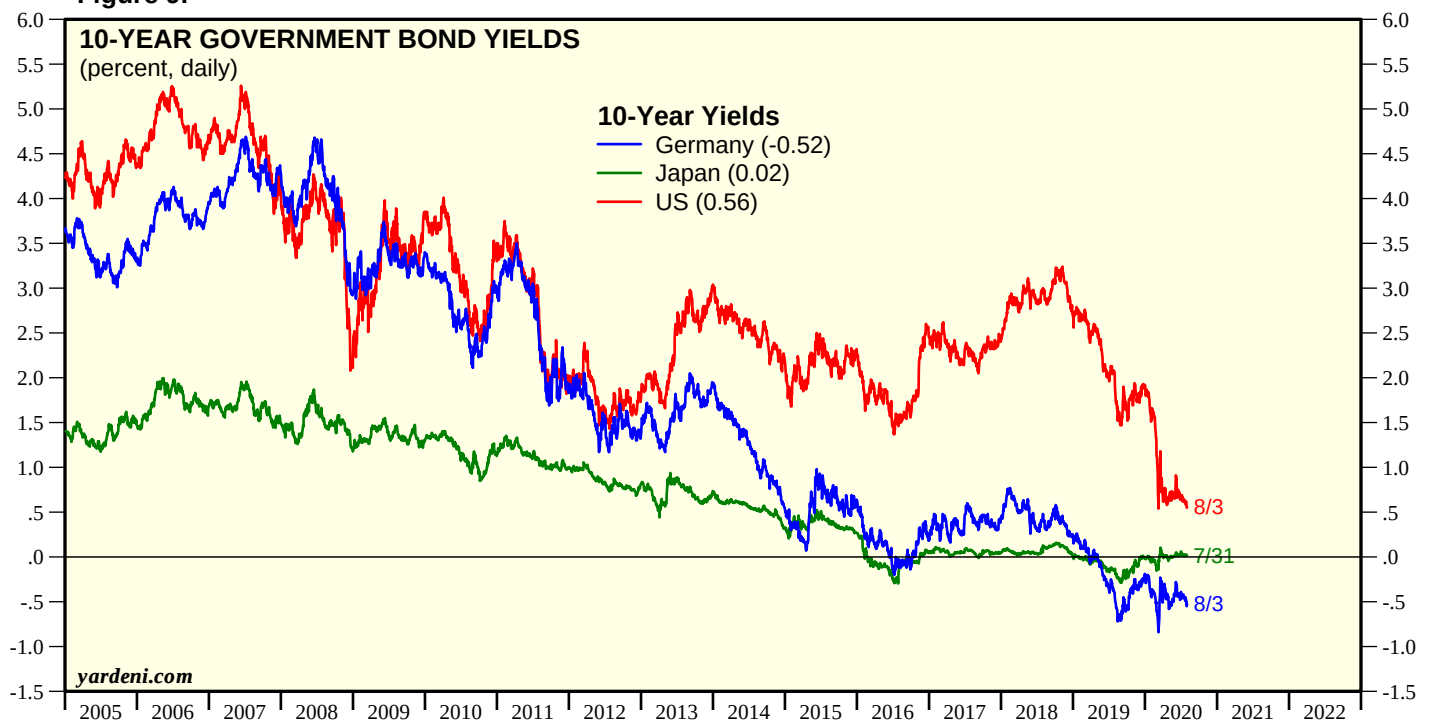
Source: Federal Reserve Board.

Figure 8.



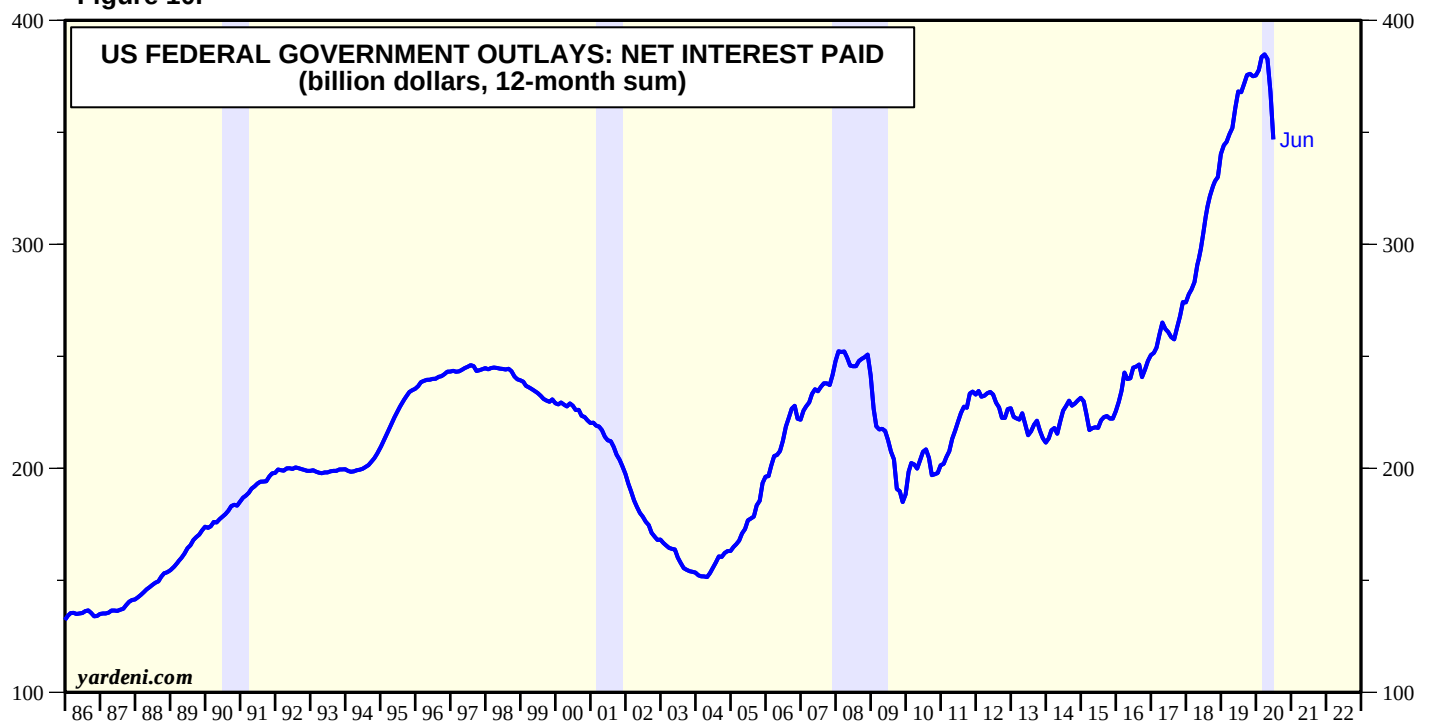
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Haver Analytics.

Figure 9.



Source: Haver Analytics.

Figure 10.



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

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