

Chart Collection for Morning Briefing

Yardeni Research, Inc.

August 12, 2020

Dr. Edward Yardeni

516-972-7683

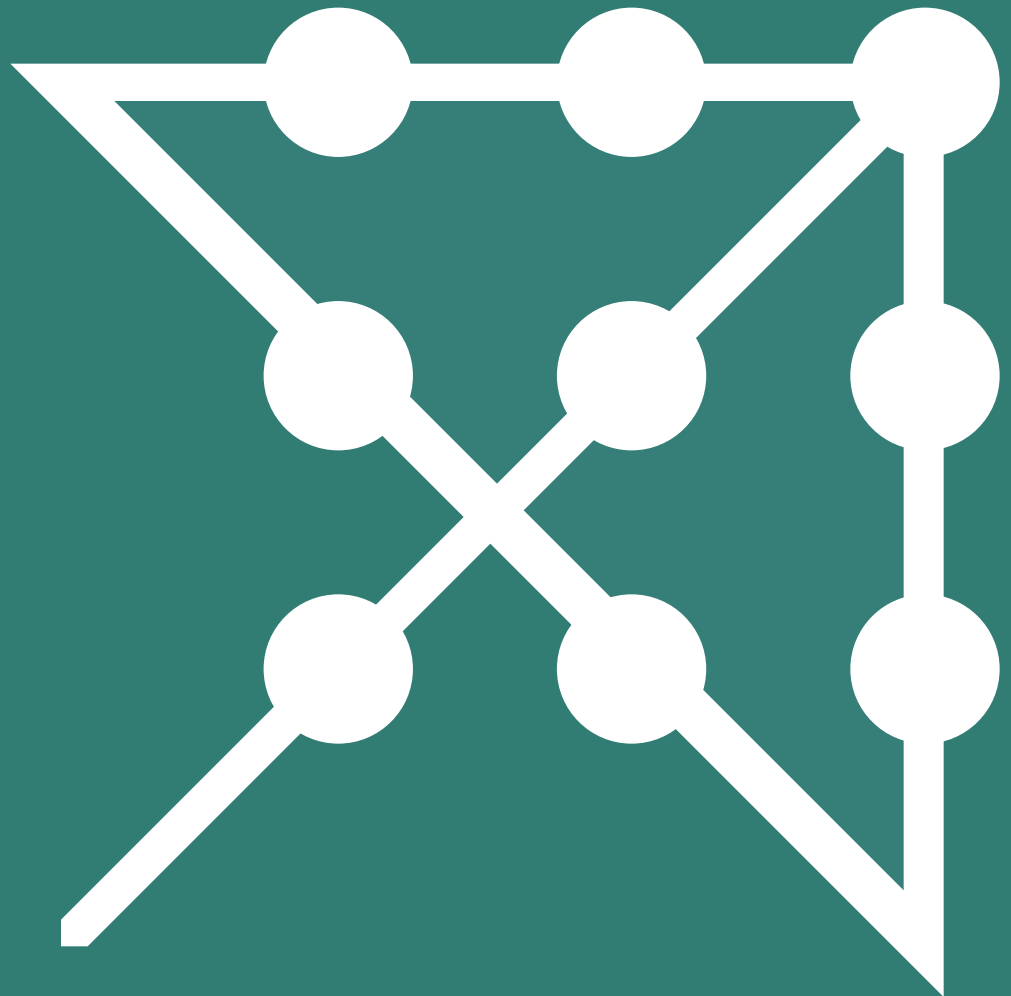
eyardeni@yardeni.com

Mali Quintana

480-664-1333

aquintana@yardeni.com

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www.yardeni.com
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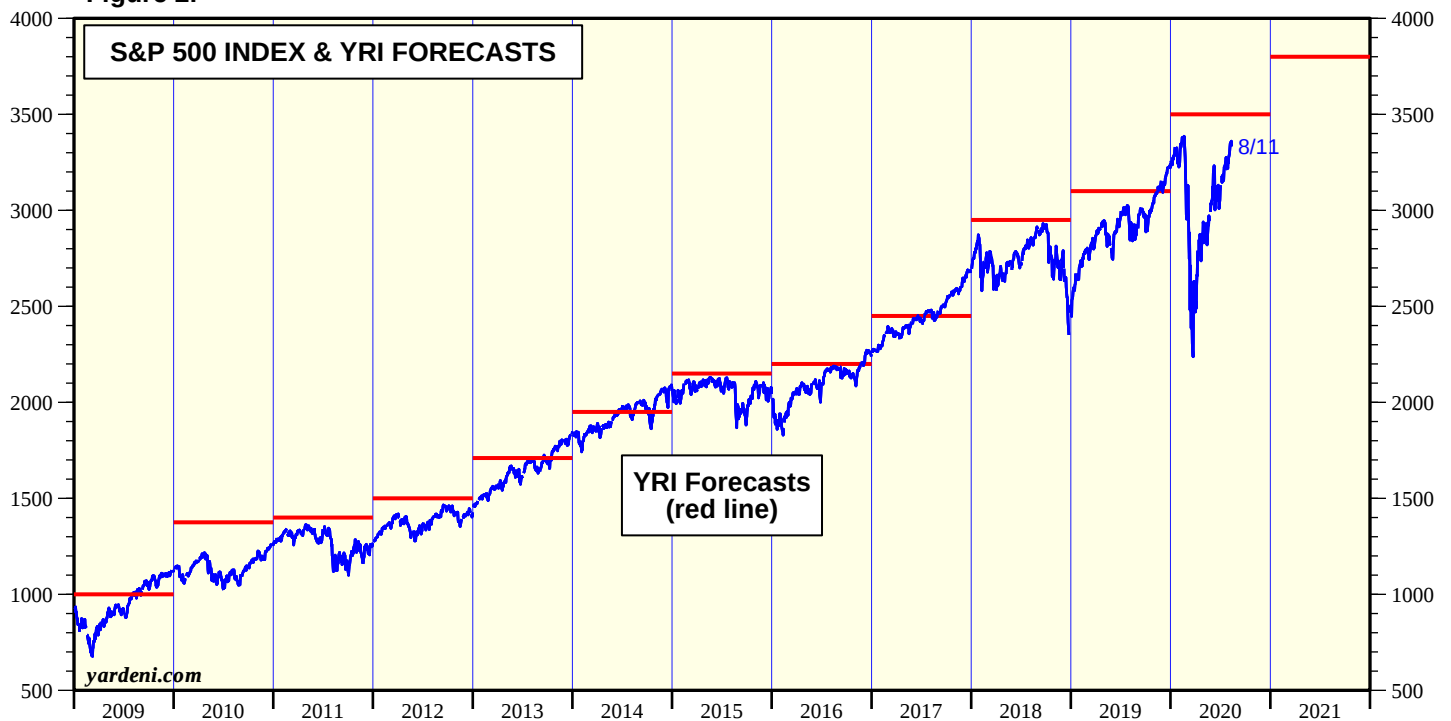
thinking outside the box

Figure 1.



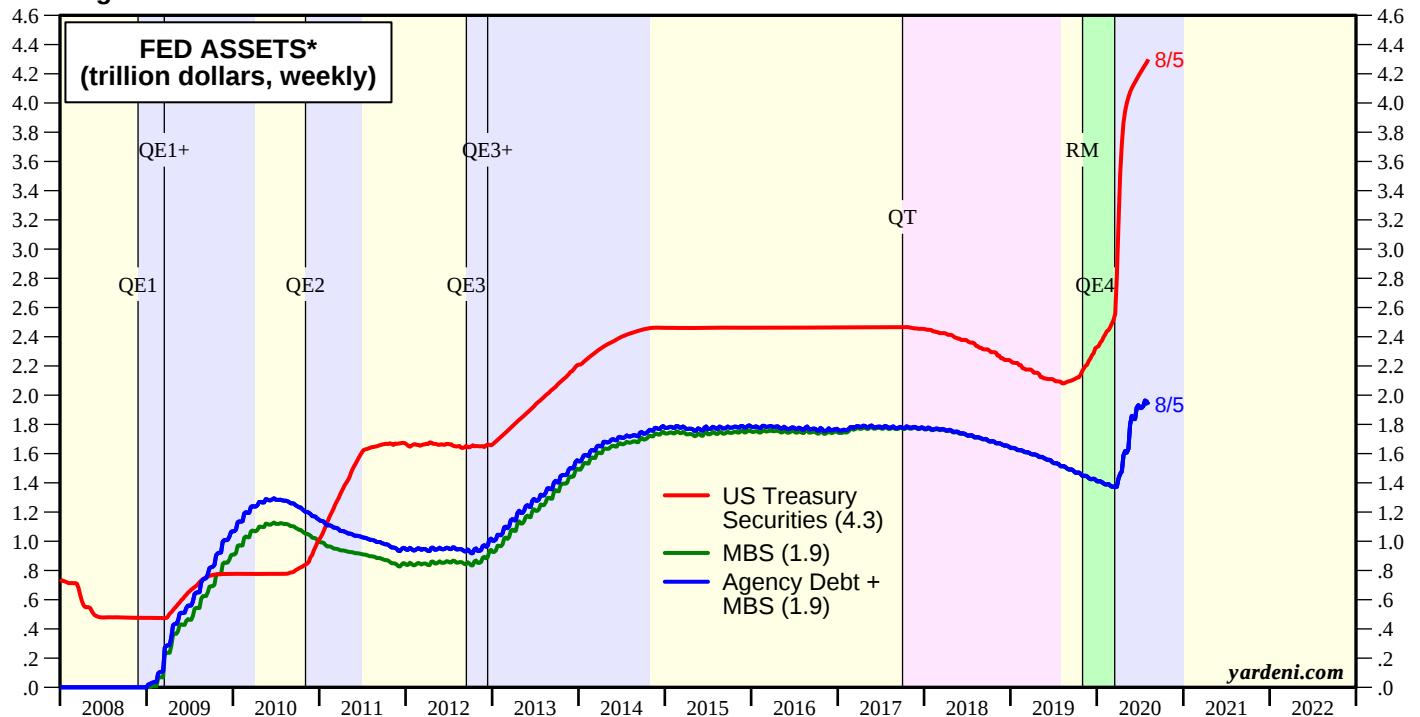
Note: Dotted lines show previous years' closing prices.
Source: Standard & Poor's.

Figure 2.



Source: Standard & Poor's.

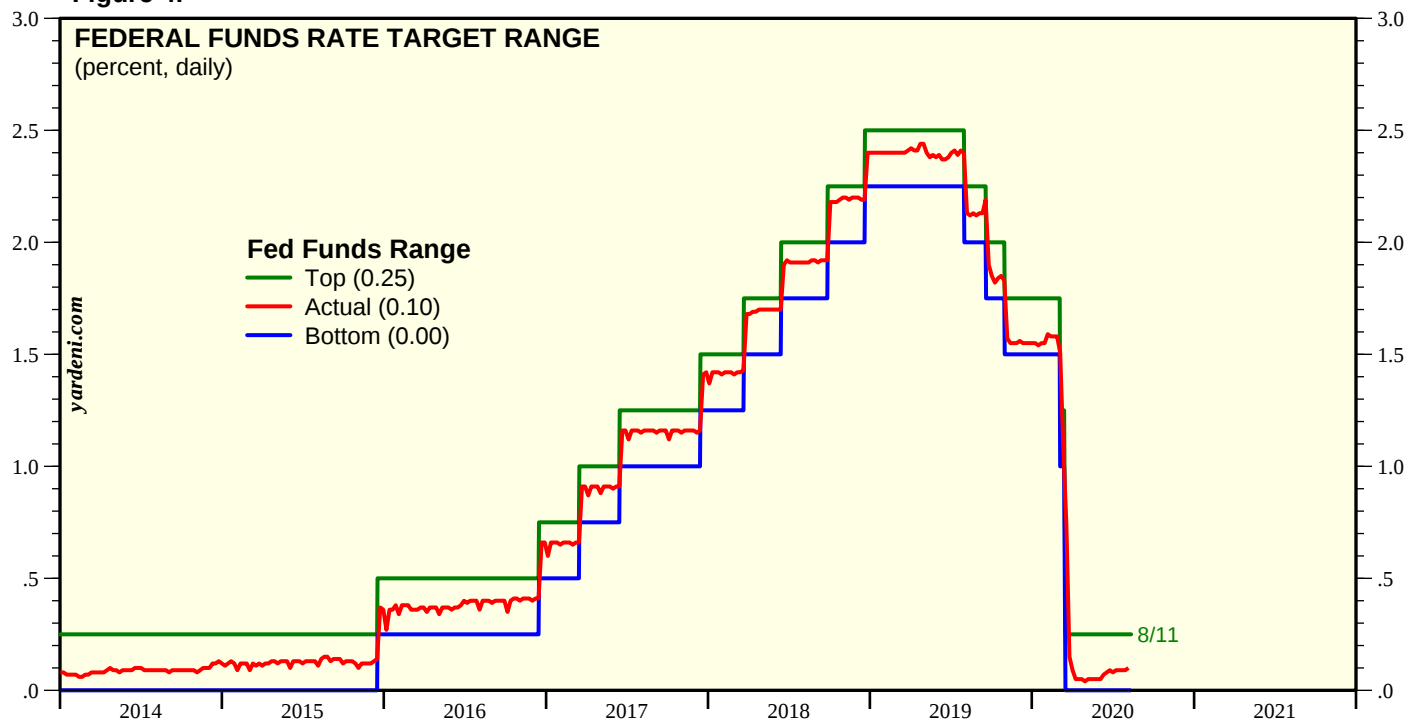
Figure 3.



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).

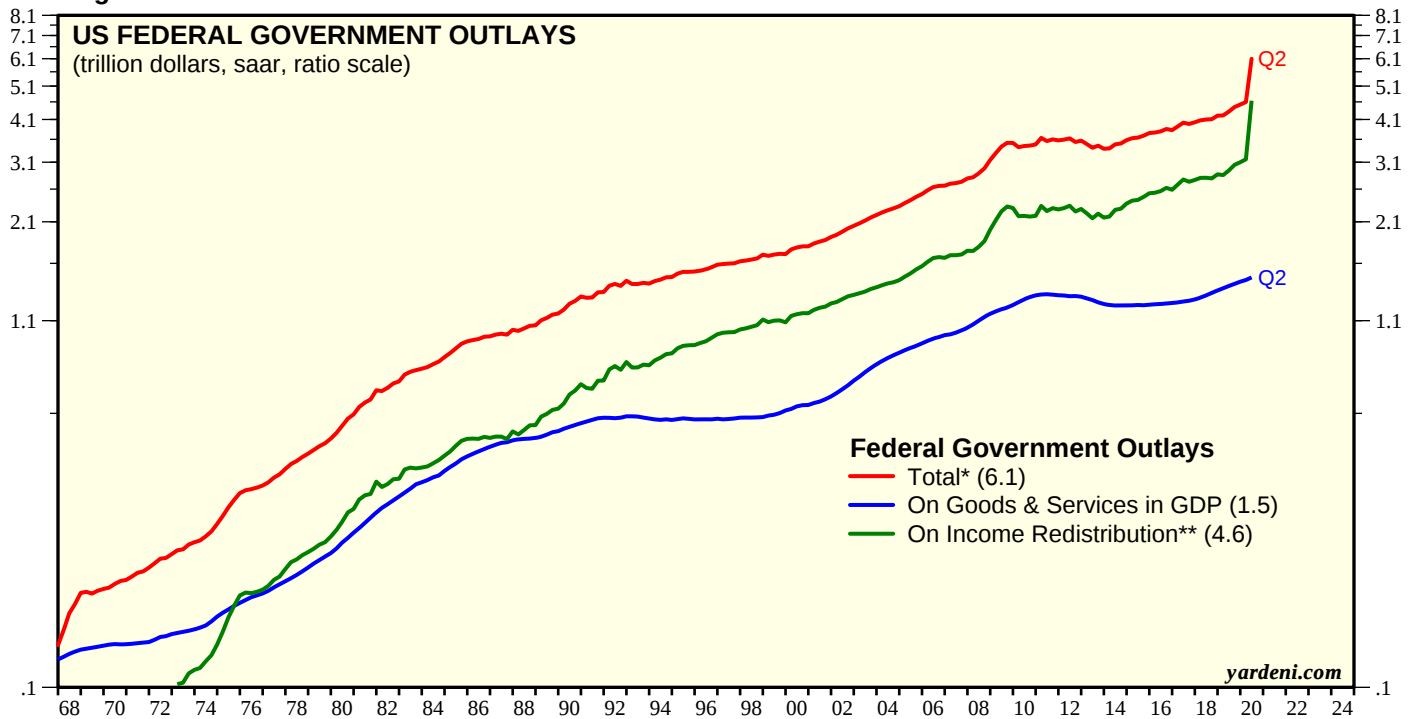
* Fed data are averages of daily figures for weeks ending Wednesday. Source: Federal Reserve Board.

Figure 4.



Source: Federal Reserve Board.

Figure 5.

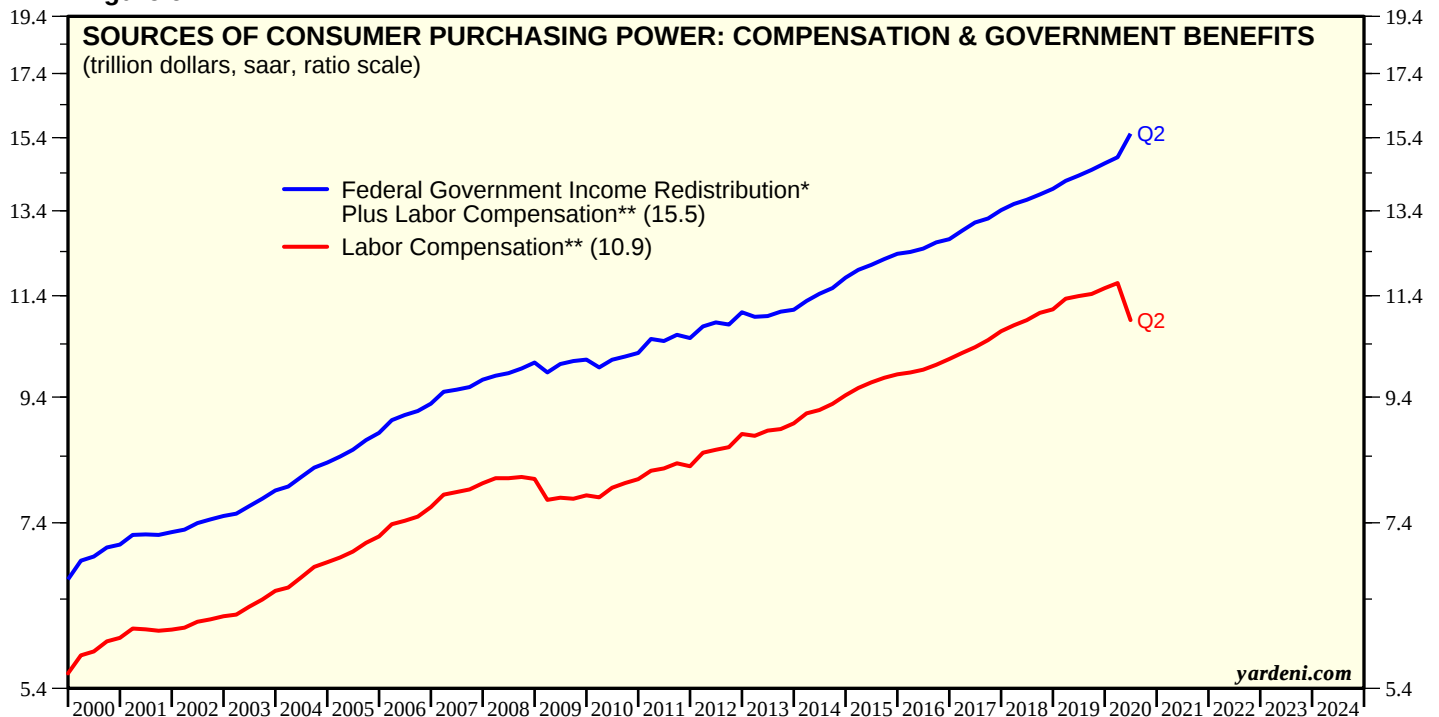


* Using 12-month sum at end of quarter.

** Total outlays less spending on goods & services.

Source: US Treasury Department and Bureau of Economic Analysis.

Figure 6.

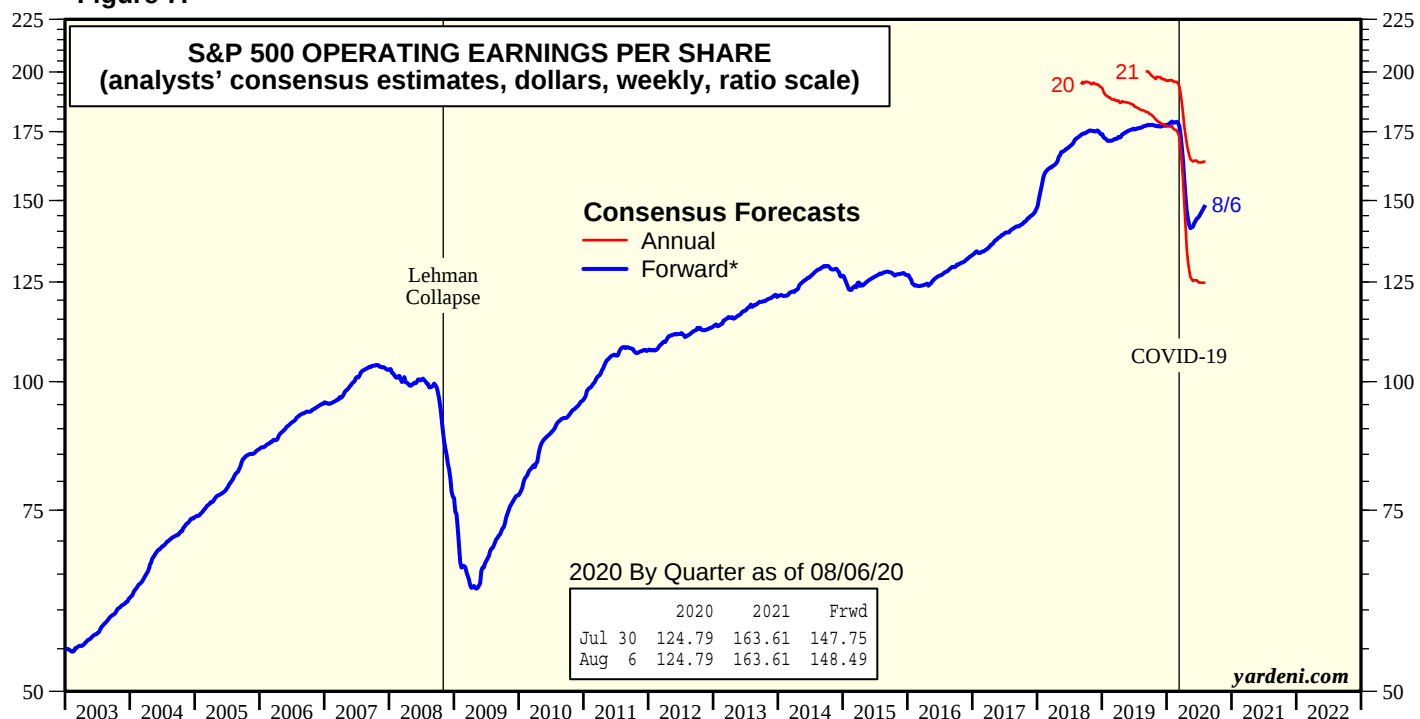


* Total federal government spending (using 12-month sum at end of quarter) minus federal government spending in GDP (using 4 quarter sum).

** Includes wages, salaries, and supplements to wages & salaries.

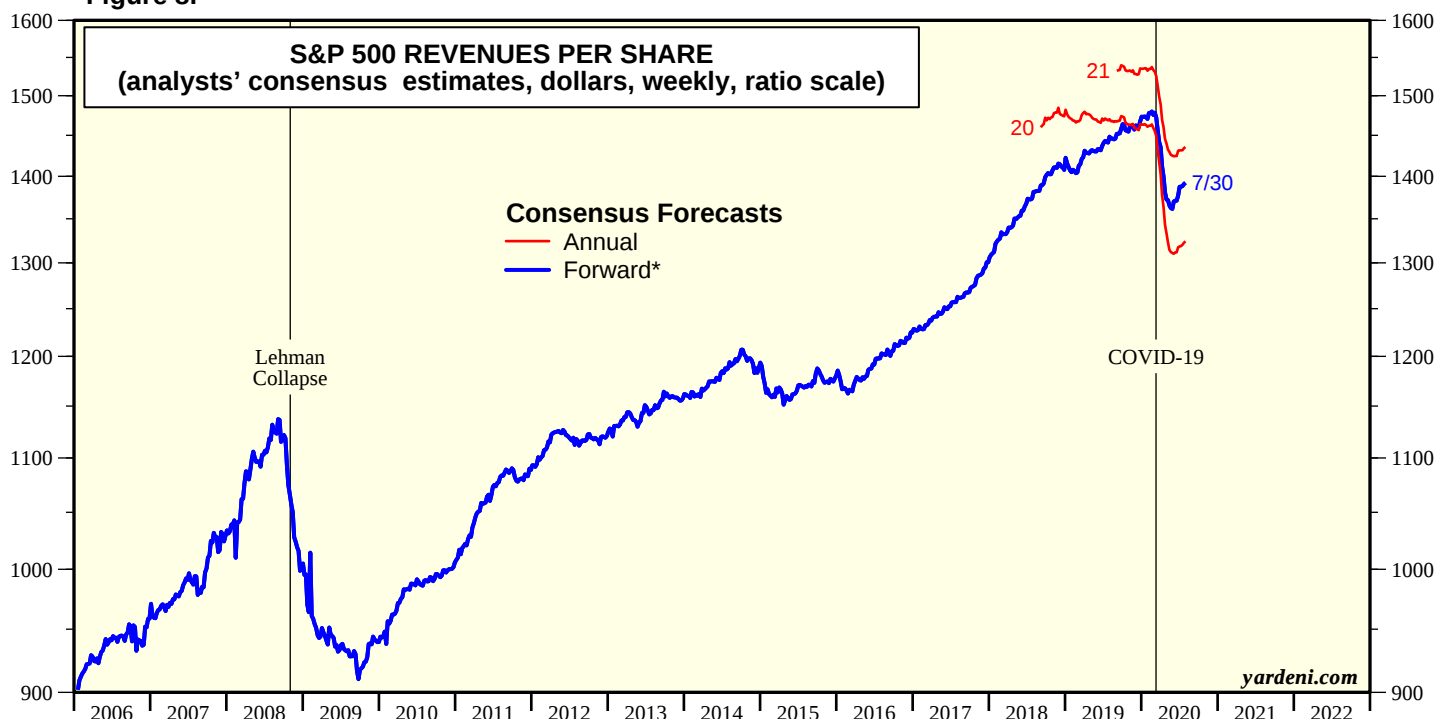
Source: US Treasury Department and Bureau of Economic Analysis.

Figure 7.



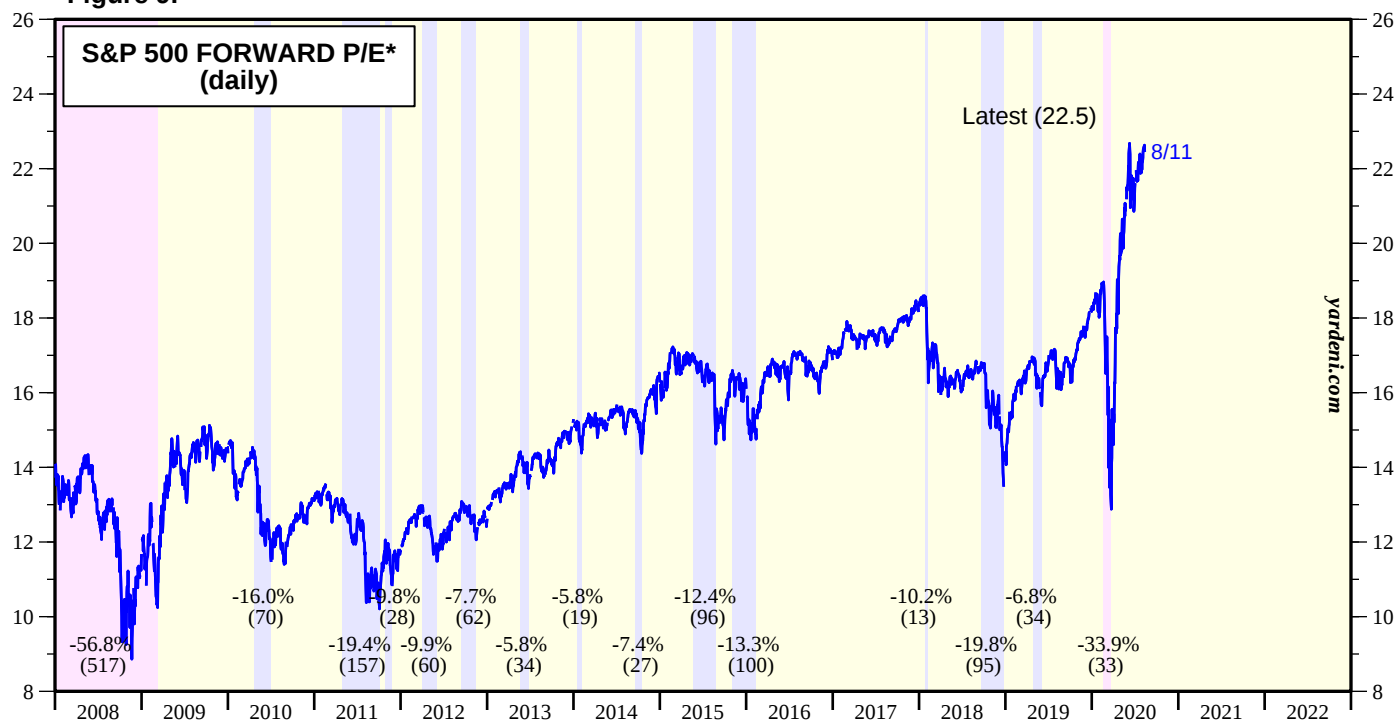
* Time-weighted average of consensus estimates for current year and next year.
Note: Lehman collapsed 9/15/2008. COVID-19 = WHO declares global pandemic on 3/11/2020.
Source: I/B/E/S data by Refinitiv.

Figure 8.



* Time-weighted average of consensus revenue estimates for current and next year.
Note: Lehman collapsed 9/15/2008. COVID-19 = WHO declares global pandemic on 3/11/2020.
Source: I/B/E/S data by Refinitiv.

Figure 9.

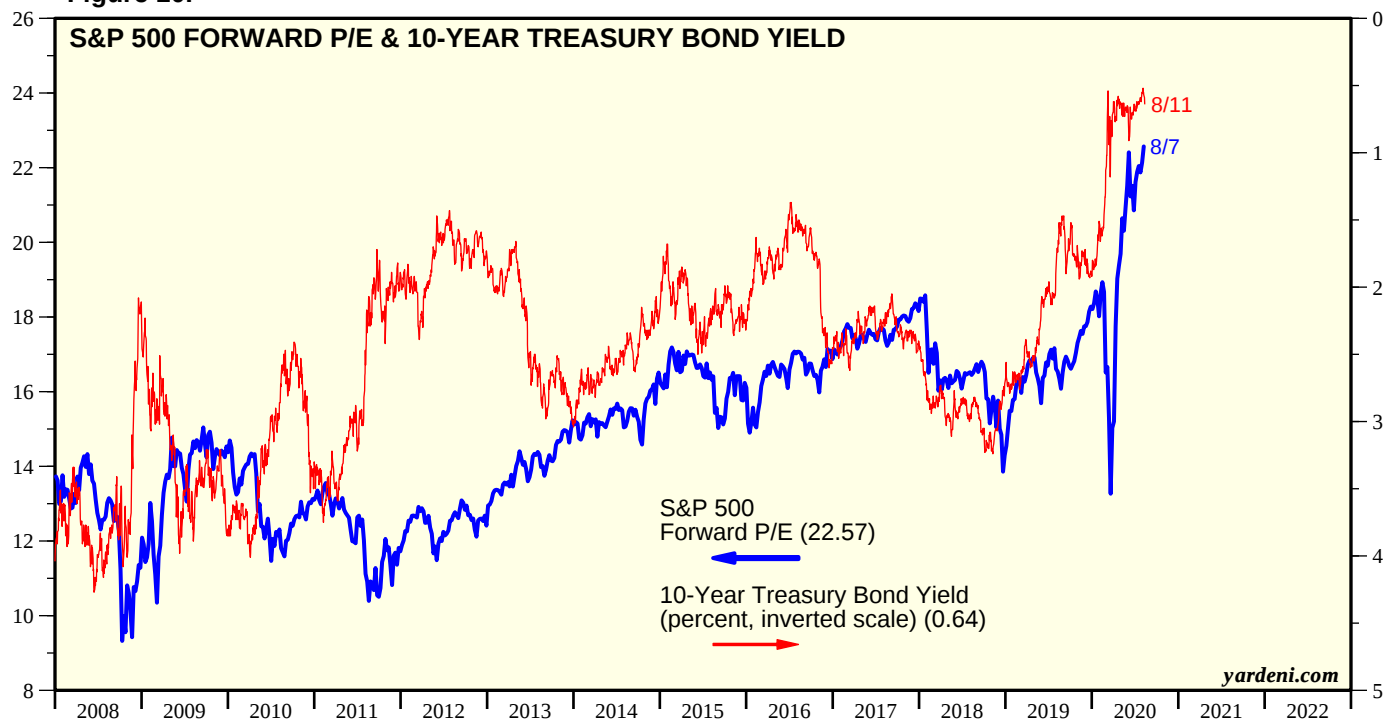


* Time-weighted average of consensus S&P 500 operating earnings estimates for current year and next year.

Note: Numbers above time line show corrections (declines of 10% or more in the S&P 500) and minor selloffs (declines of 5%-10%). Bear markets are declines of 20% or more. Number of calendar days in parentheses

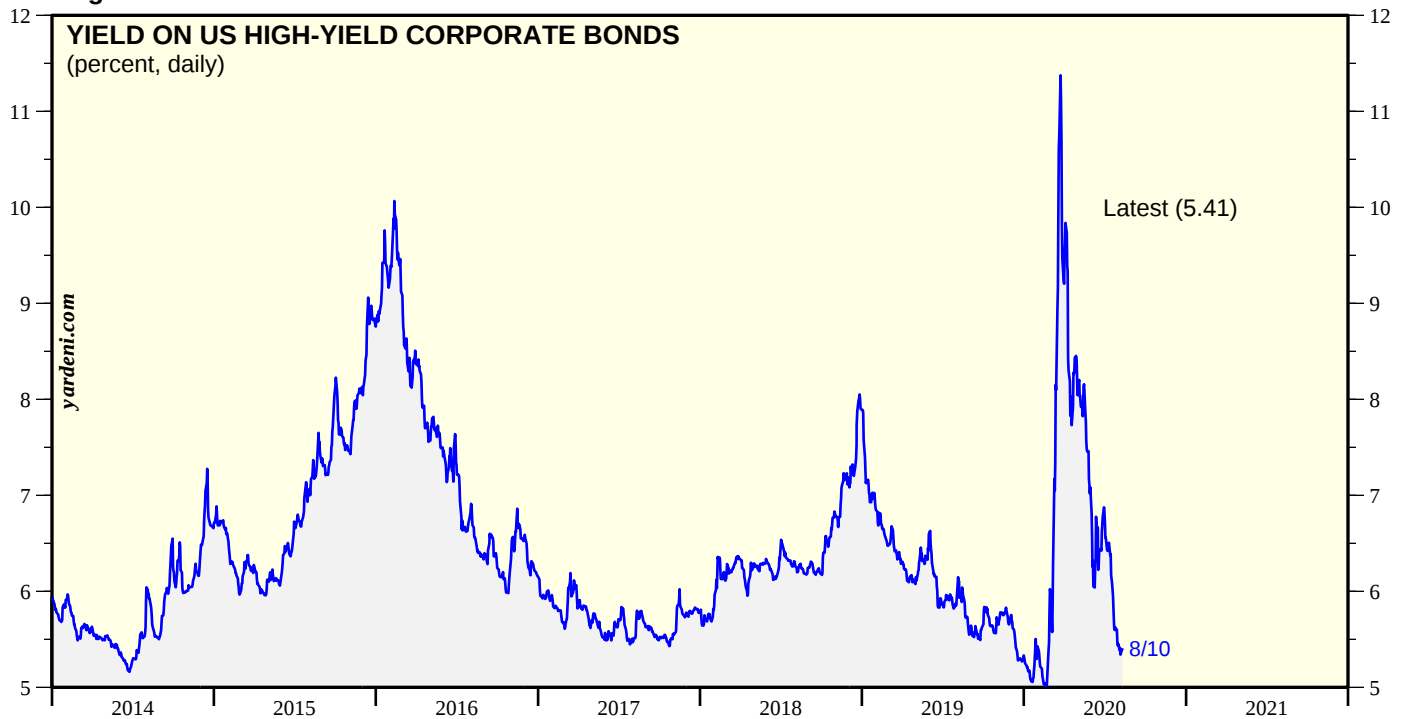
Source: Standard & Poor's.

Figure 10.



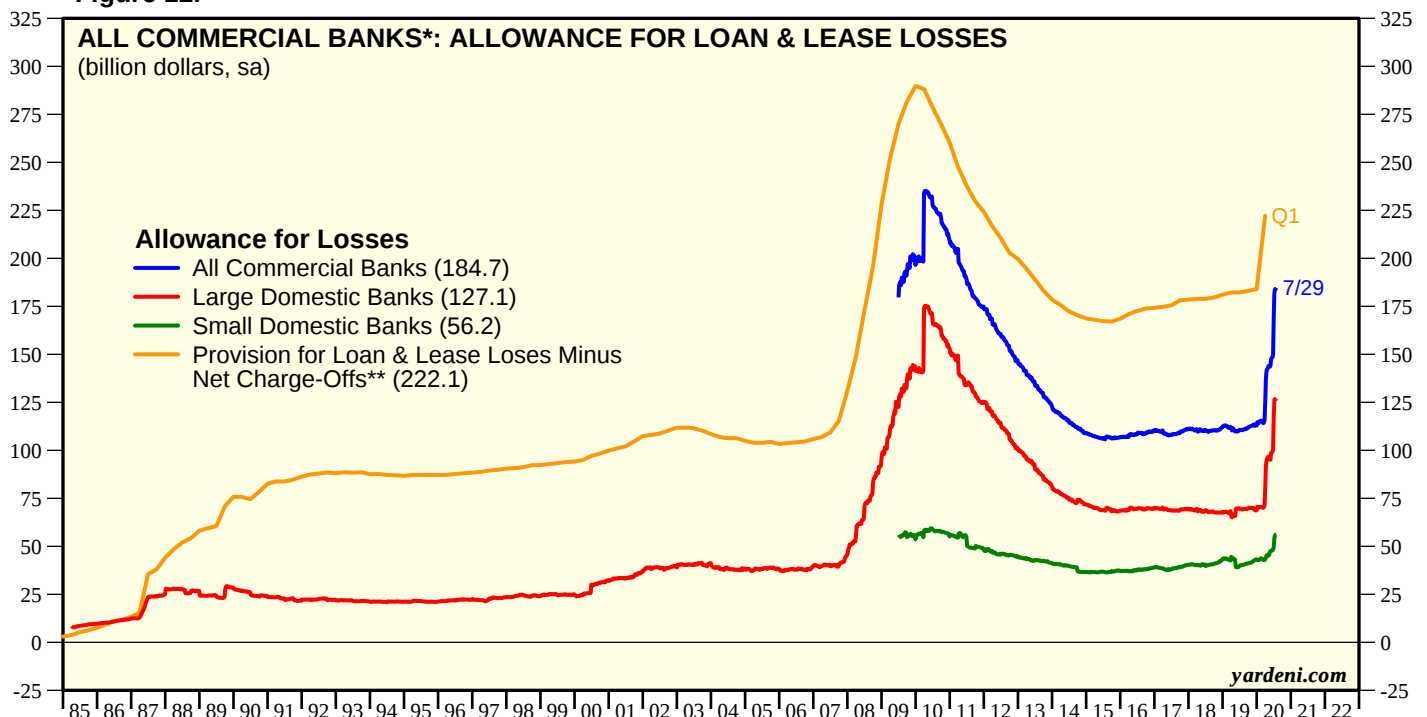
Source: Federal Reserve Board, Standard & Poor's and I/B/E/S data by Refinitiv.

Figure 11.



Source: Bank of America Merrill Lynch.

Figure 12.

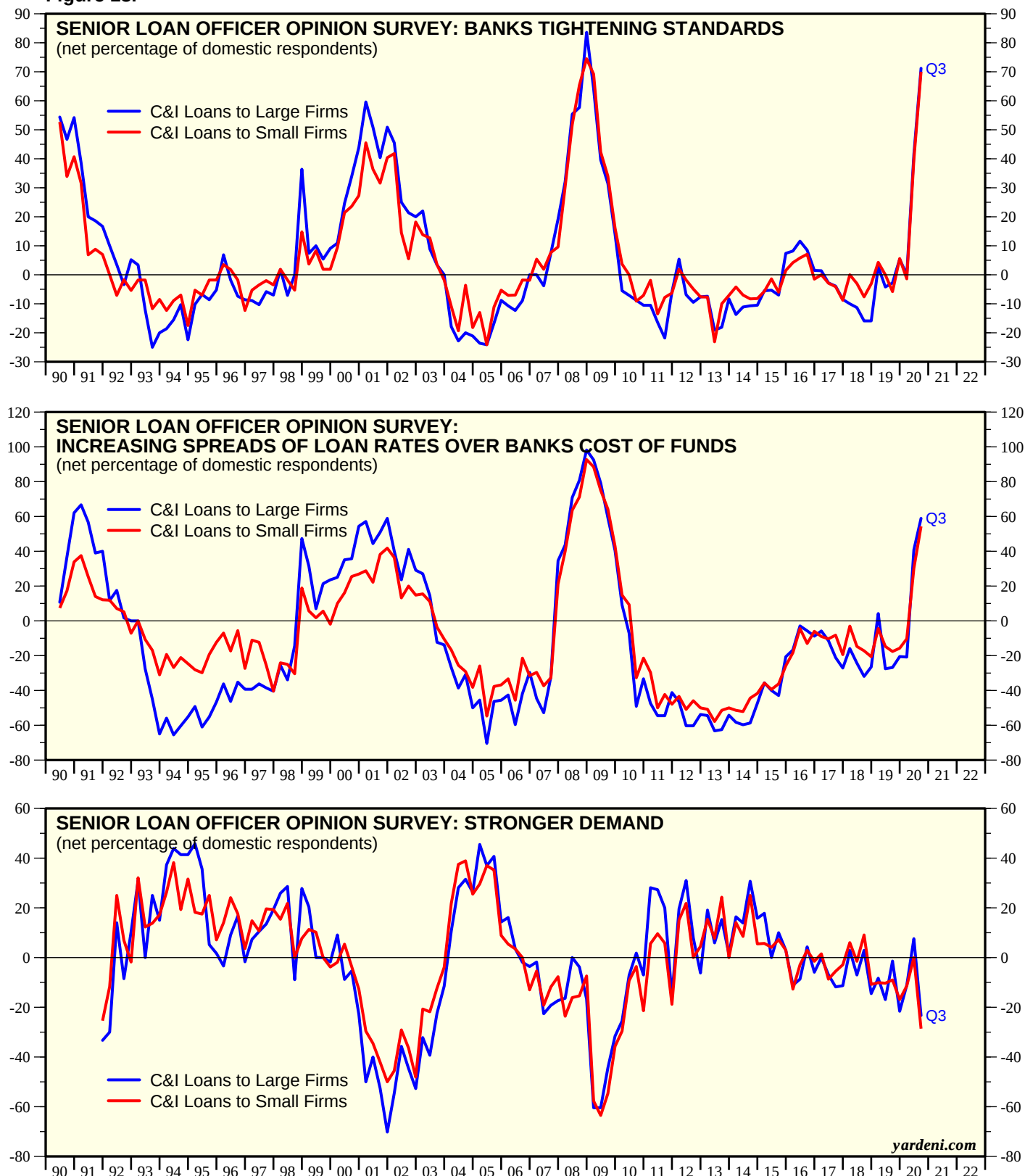


* Includes domestically chartered commercial banks and foreign-related ones.

** Cumulative change since 1984. All FDIC-insured financial institutions

Source: Federal Reserve Board and Federal Deposit Insurance Corporation, Quarterly Banking Profile.

Figure 13.



Source: Federal Reserve Board.

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