

Chart Collection for Morning Briefing

Yardeni Research, Inc.

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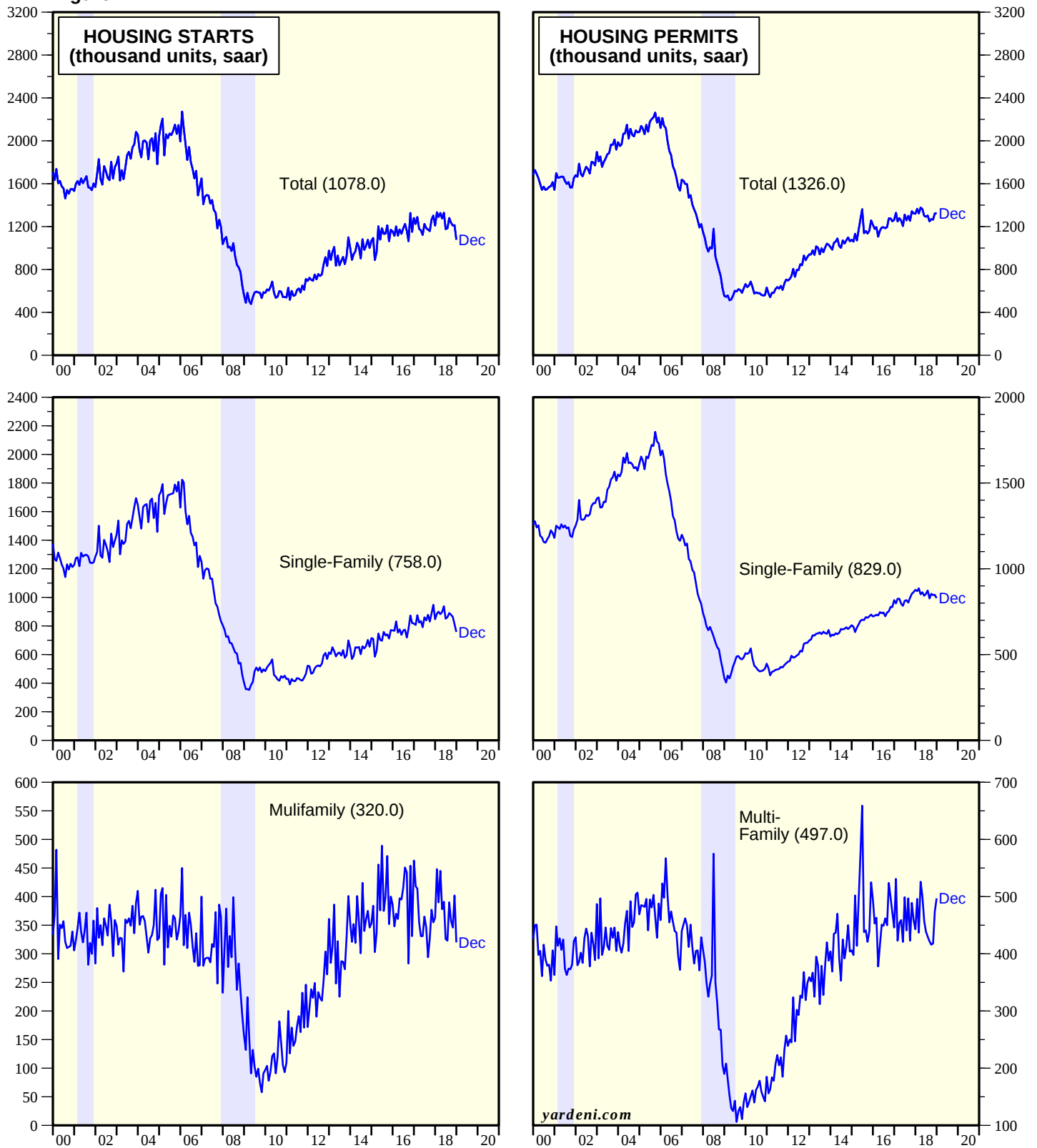
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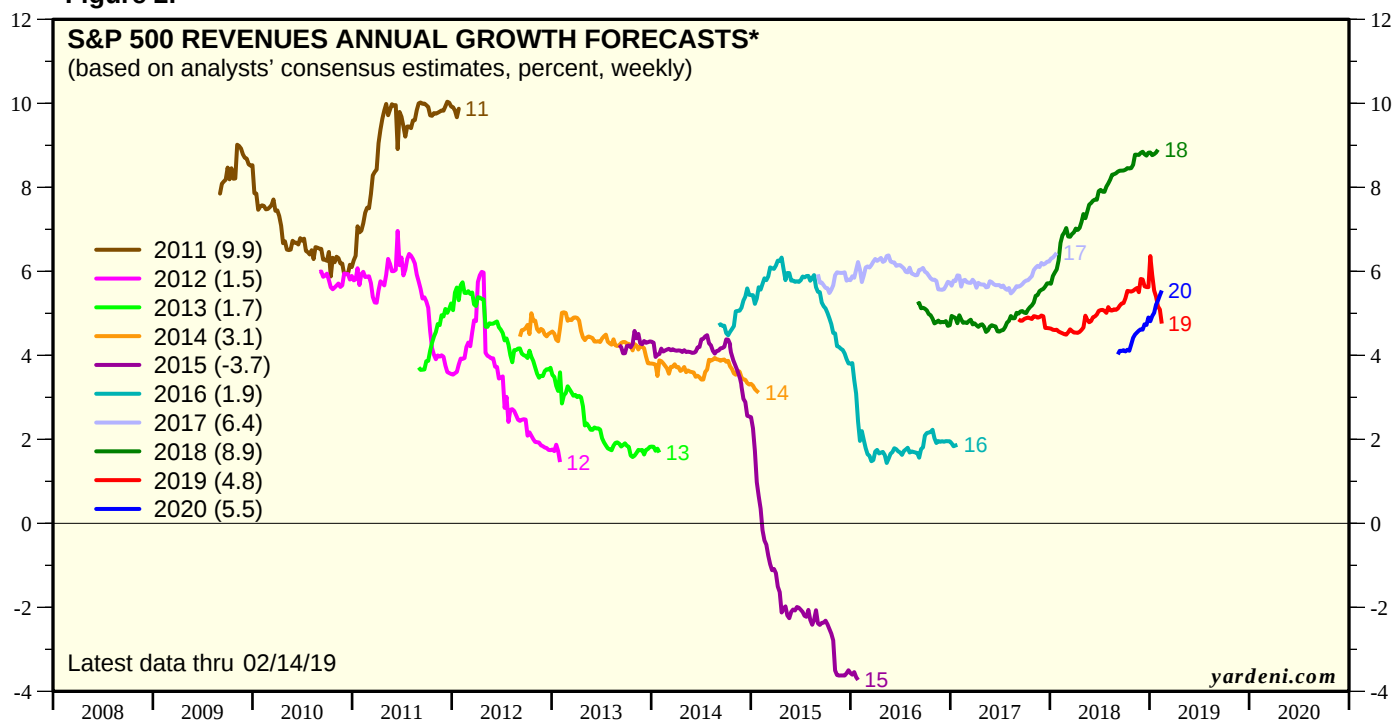
thinking outside the box

Figure 1.



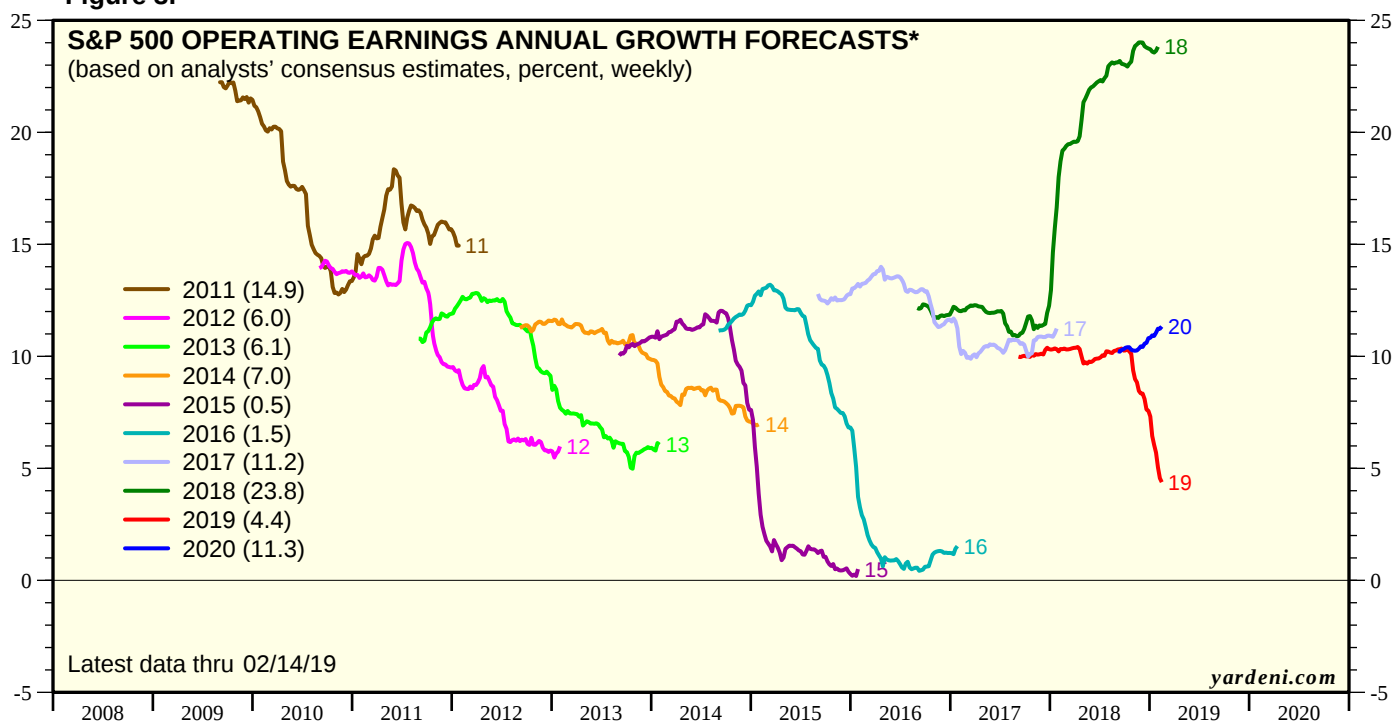
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: US Department of Commerce, Bureau of the Census.

Figure 2.



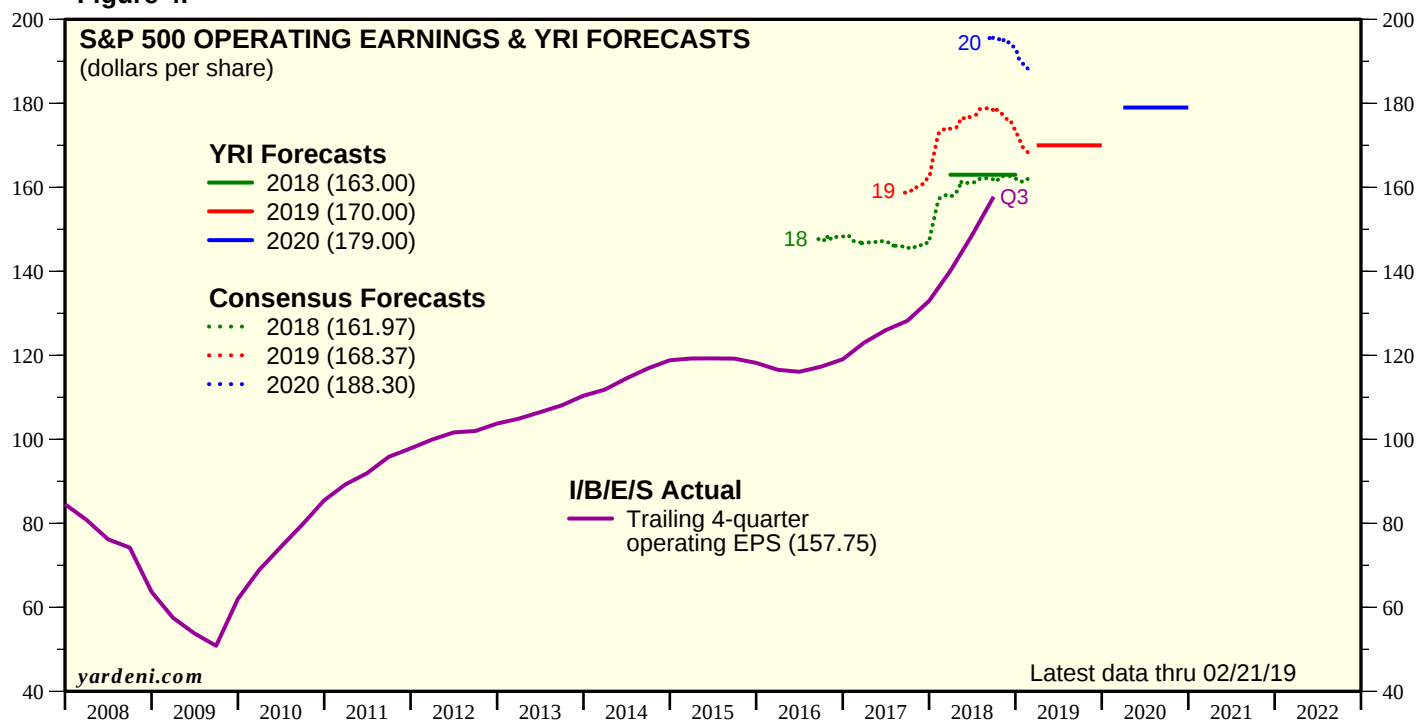
Source: I/B/E/S data by Refinitiv.

Figure 3.



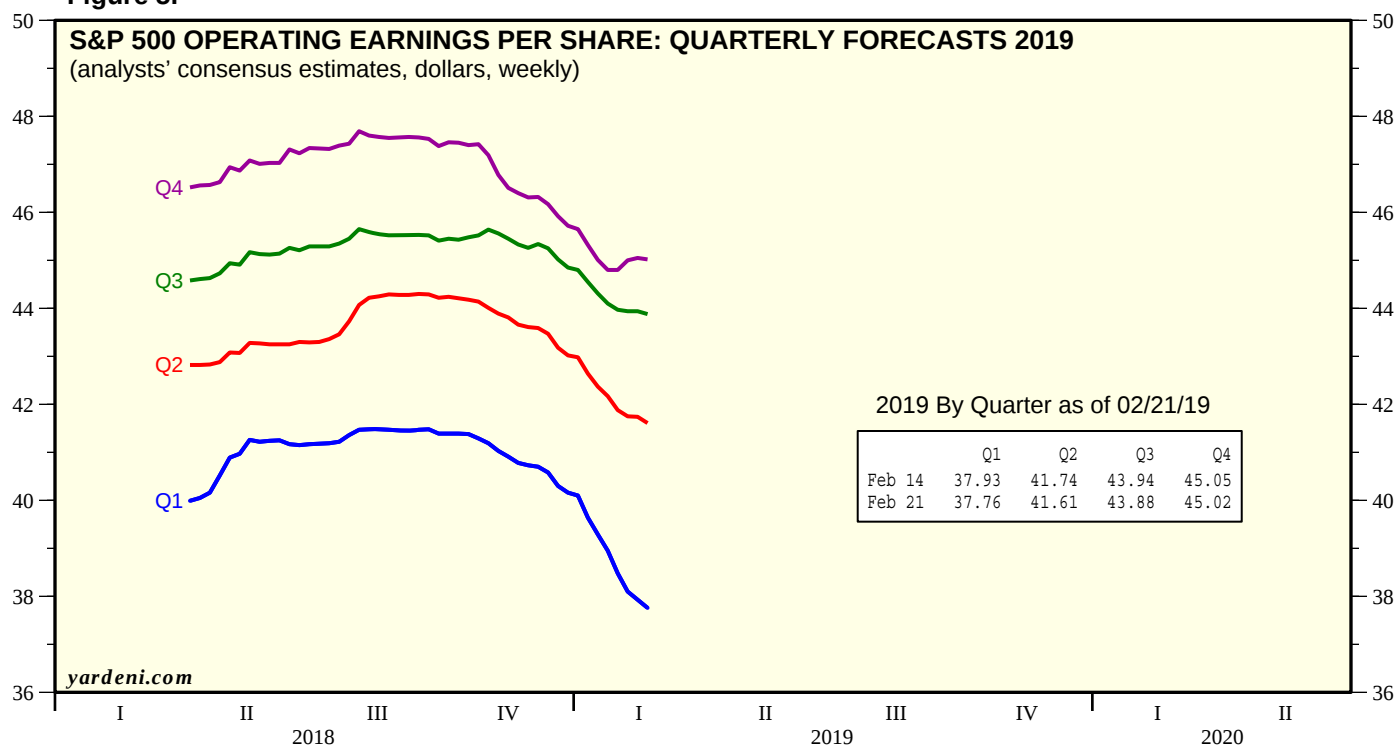
Source: I/B/E/S data by Refinitiv.

Figure 4.



Source: I/B/E/S data by Refinitiv.

Figure 5.



Source: I/B/E/S data by Refinitiv.

Figure 6.

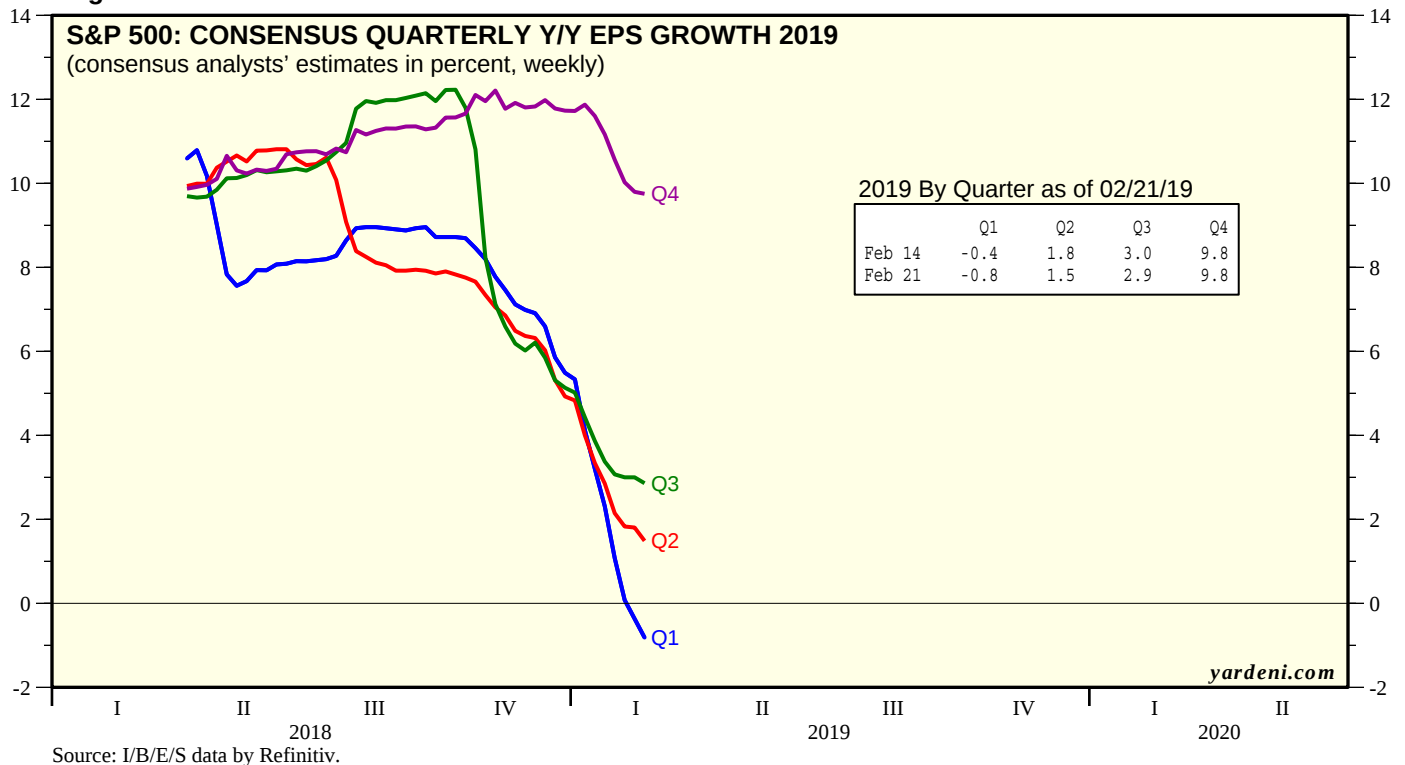


Figure 7.

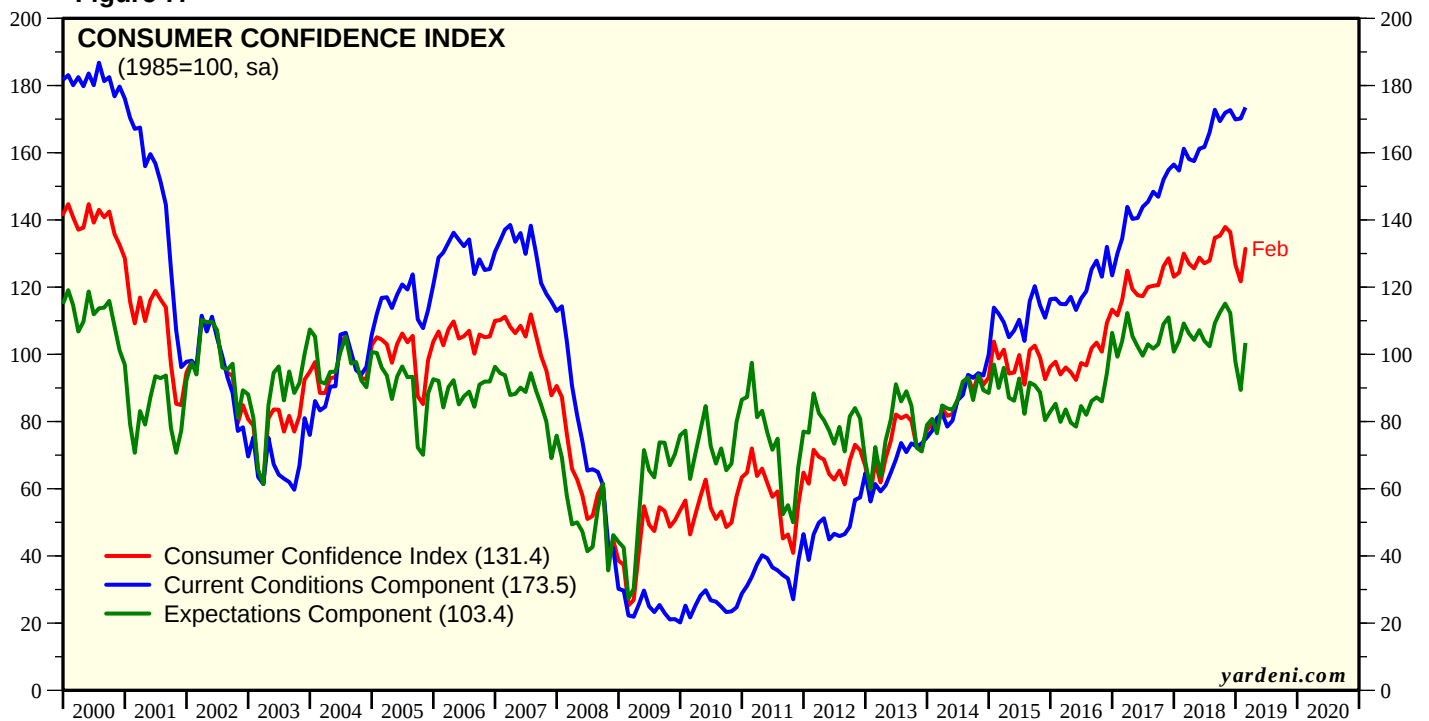
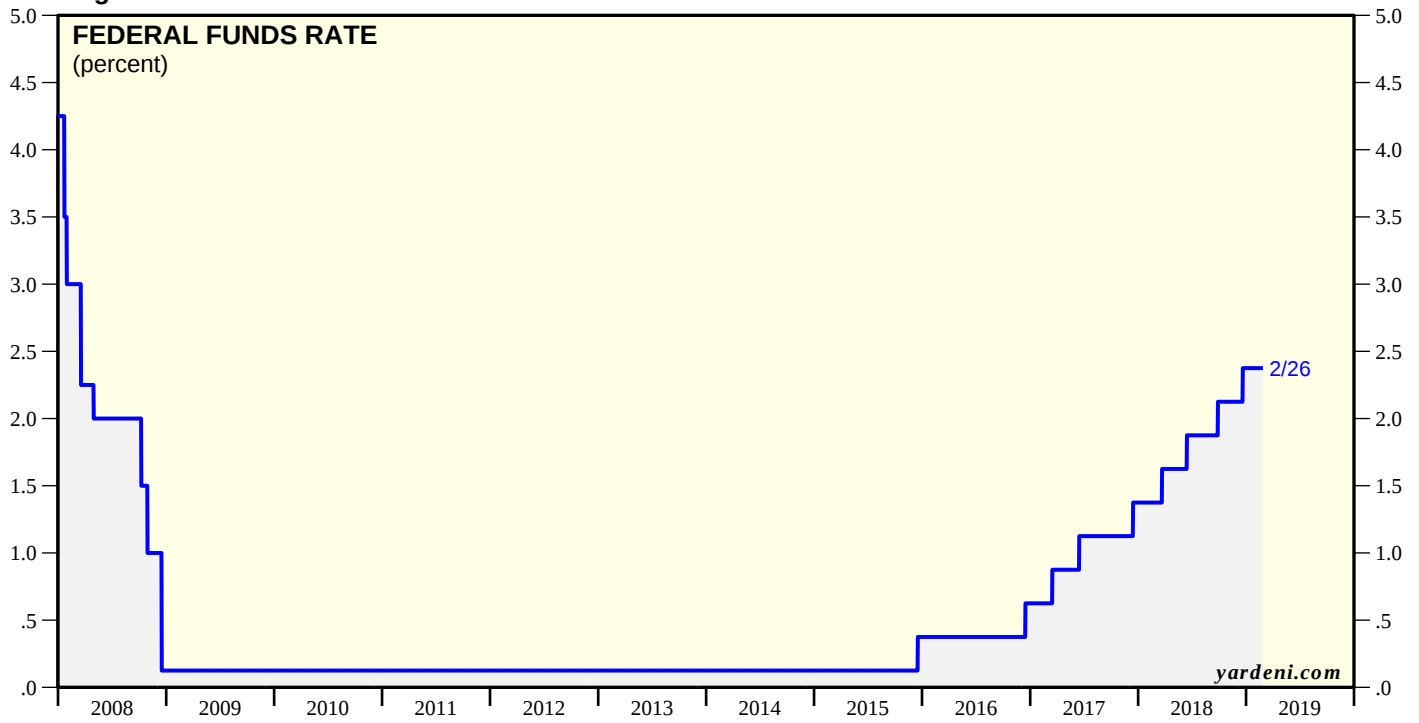
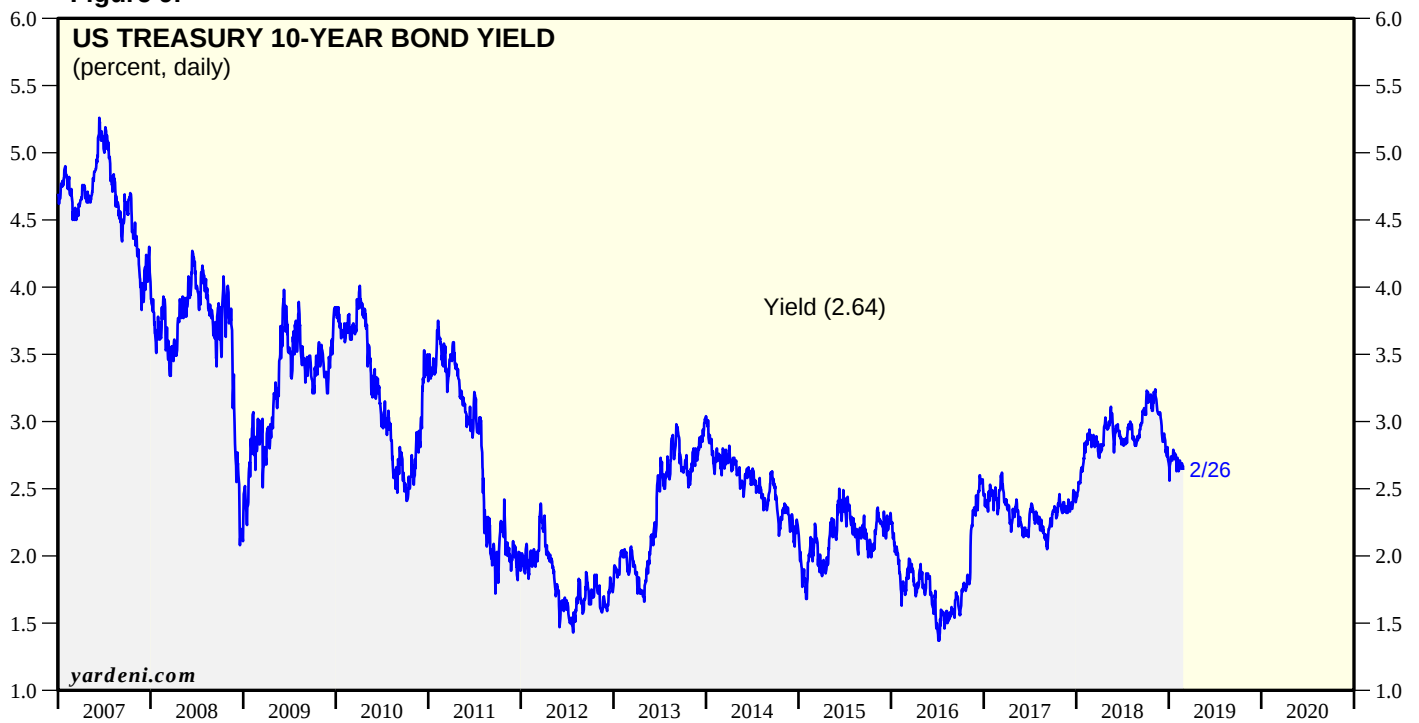


Figure 8.



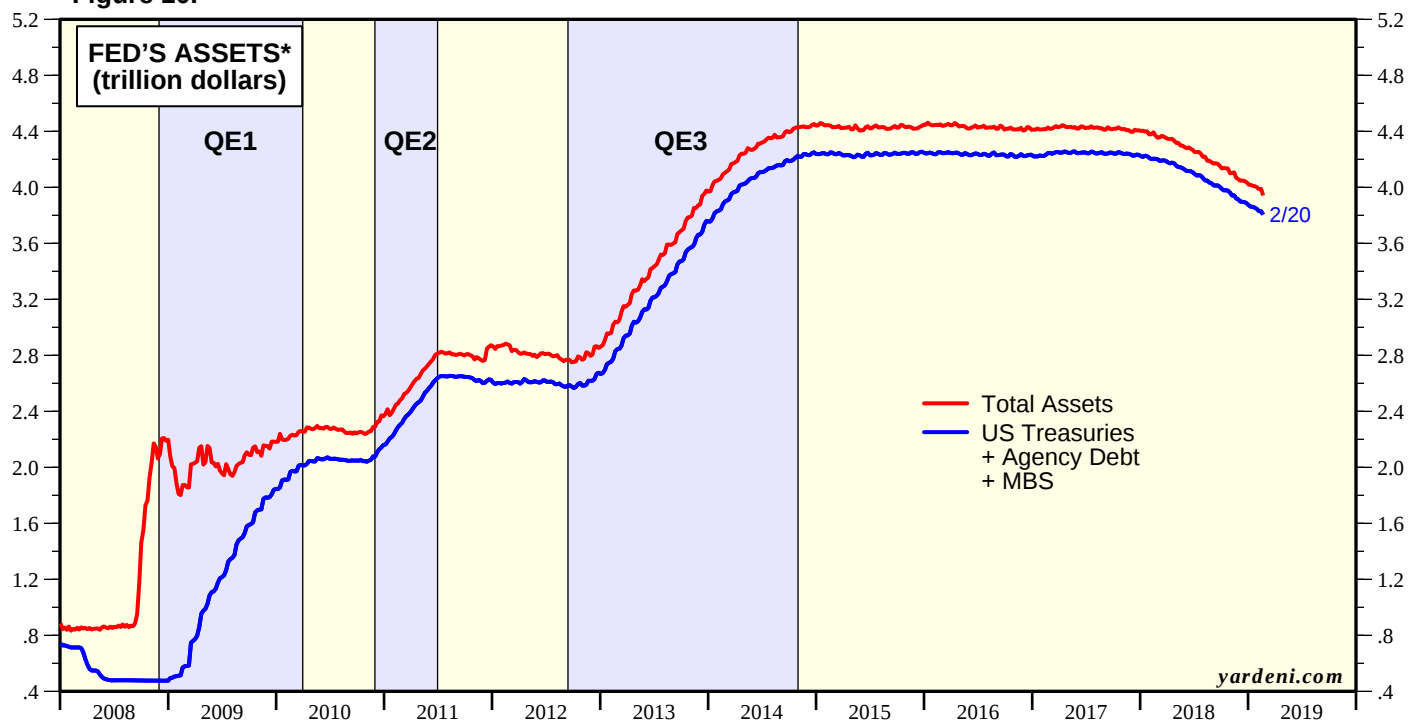
Source: Federal Reserve Board.

Figure 9.



Source: Haver Analytics.

Figure 10.



* Fed data are averages of daily figures for weeks ending Wednesday.

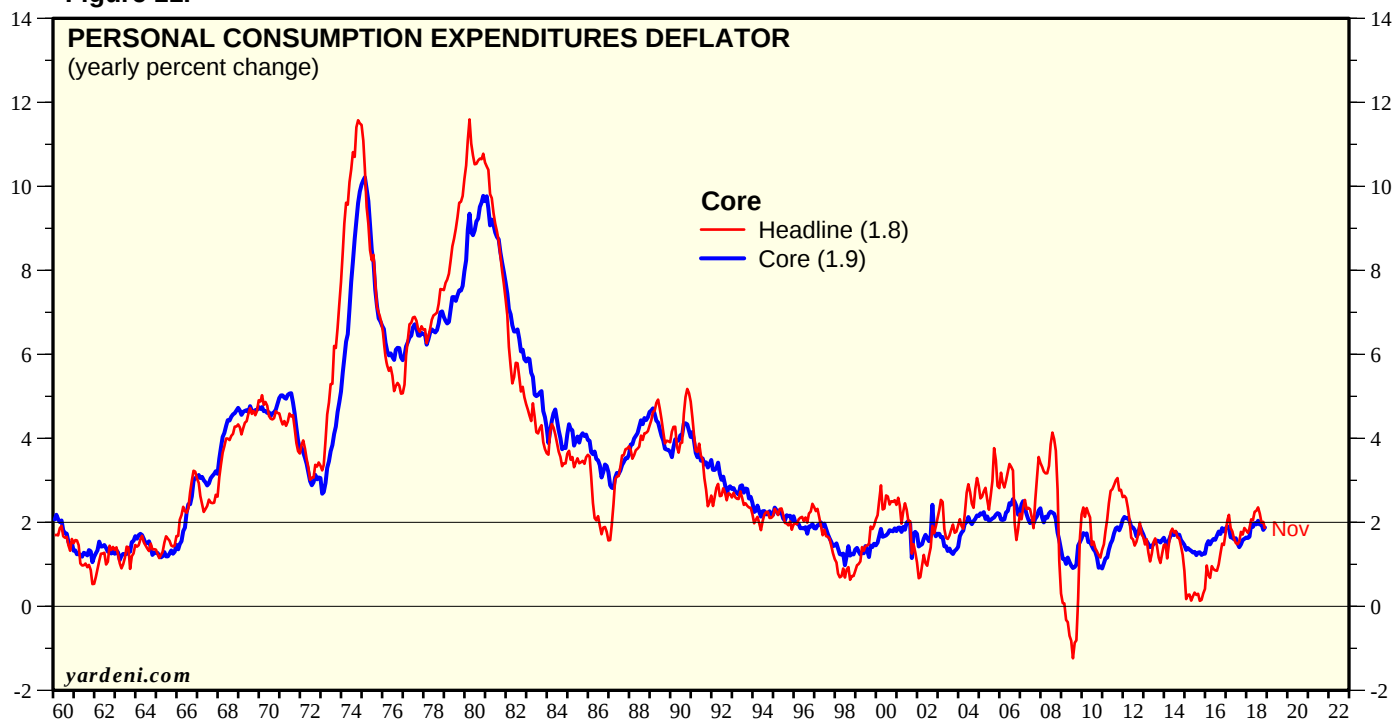
Note: QE1 (11/25/08) = Fed starts buying \$1.24tn in mortgage securities. QE1 expanded (3/16/2009) = Fed starts buying \$300bn in Treasuries.

QE2 (11/3/10) = Fed starts buying \$600bn in Treasuries. QE3 (9/13/12) = Fed starts buying \$40bn/month in mortgage securities (open ended).

QE3 expanded (12/12/12) = Fed starts buying \$45bn/month in Treasuries. Fed terminated QE net purchases (10/1/14). Fed started paring holdings (10/1/17).

Source: Federal Reserve Board.

Figure 11.



Source: Bureau of Economic Analysis.

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