Chart Collection for Morning Briefing

Yardeni Research, Inc.

January 17, 2019

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Mali Quintana

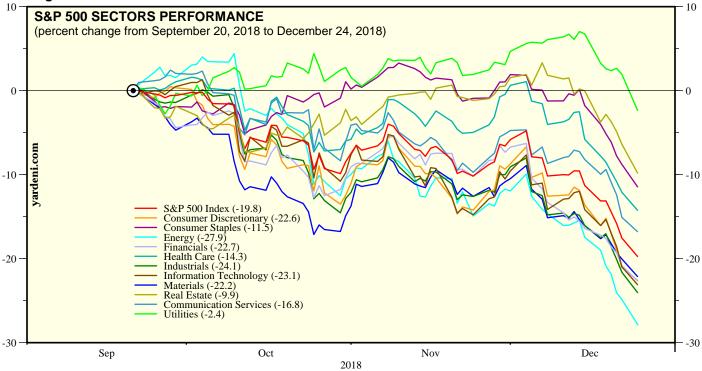
480-664-1333 aquintana@yardeni.com

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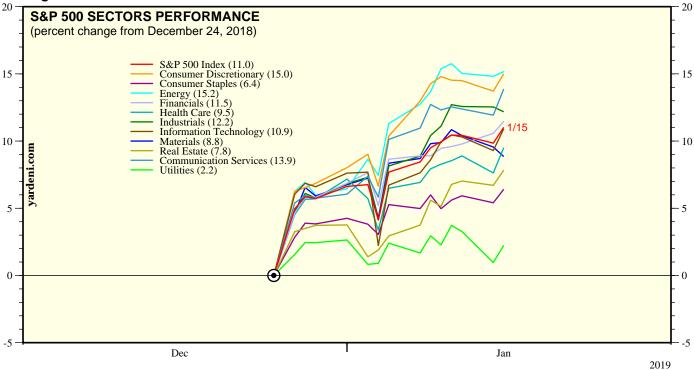
thinking outside the box



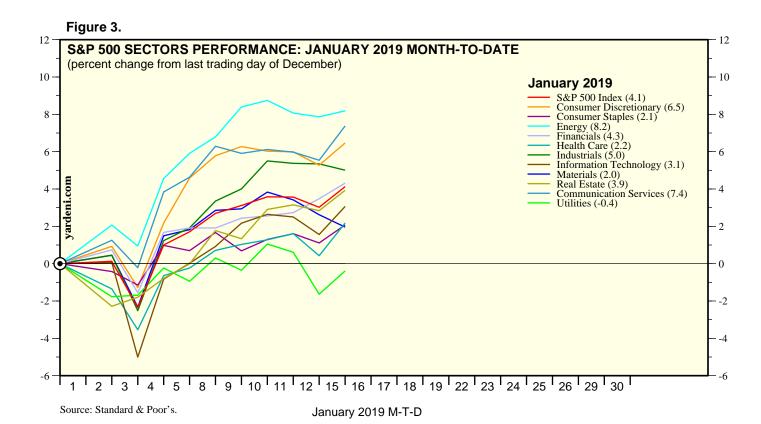


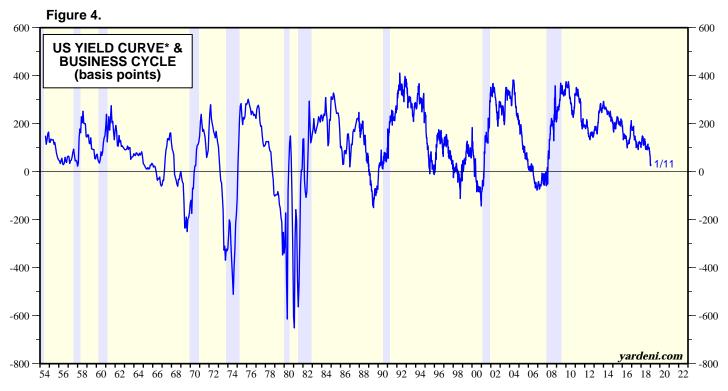
Source: Standard & Poor's.

Figure 2.



Source: Standard & Poor's.

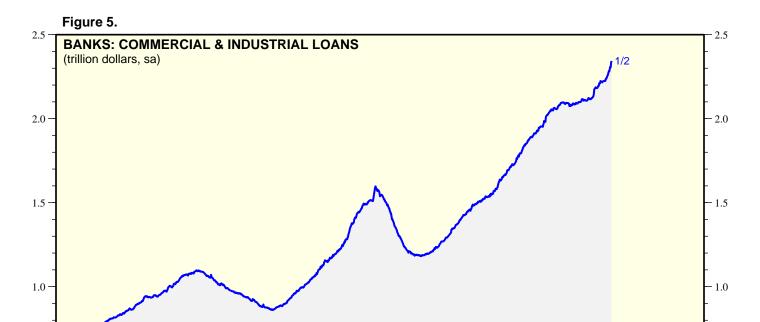




¹⁰⁻year Treasury yield less federal funds rate. Monthly through 1987, then weekly.

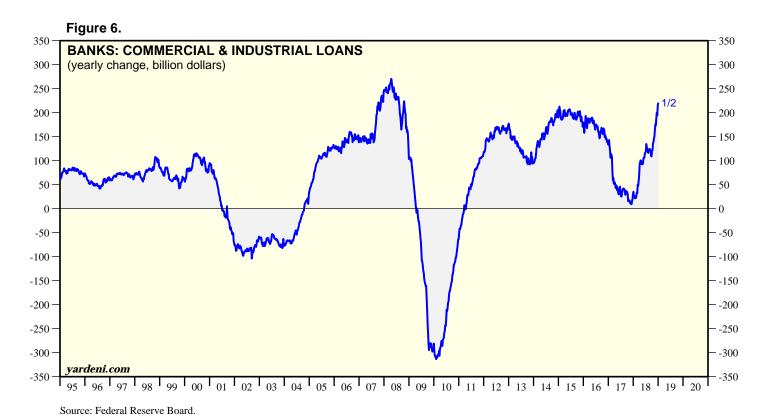
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.

Source: Federal Reserve Board.



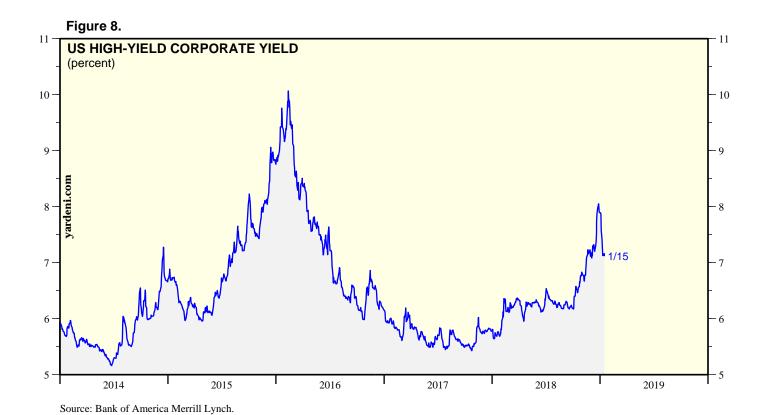
 $\begin{smallmatrix} 1 & & & & & & \\ \hline & 95 & 96 & 97 & 98 & 99 & 00 & 01 & 02 & 03 & 04 & 05 & 06 & 07 & 08 & 09 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 & 21 & 22 \\ \end{smallmatrix}$

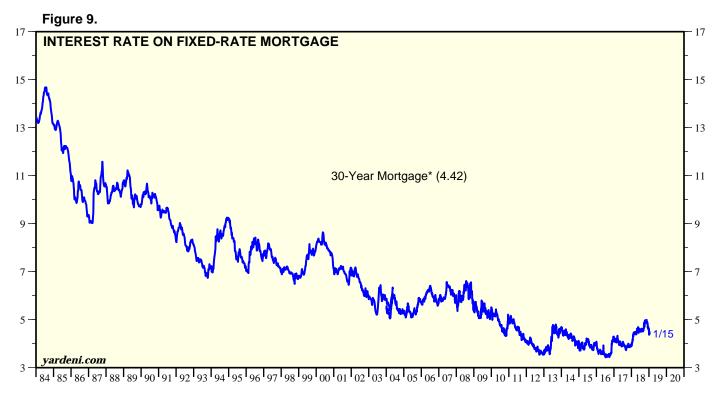
Source: Federal Reserve Board.



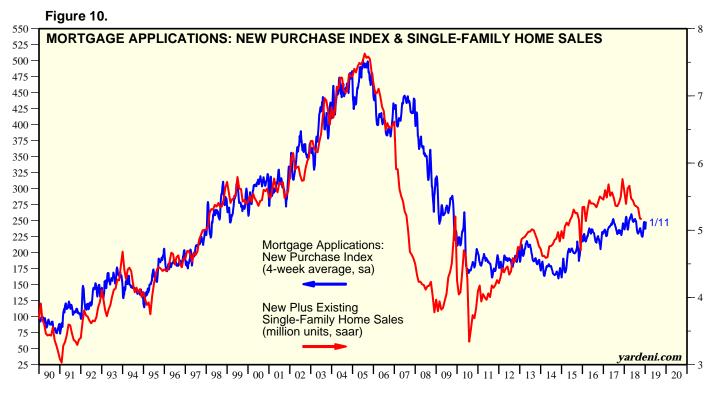


Note: Dotted lines show previous years' closing prices. Source: Standard & Poor's.

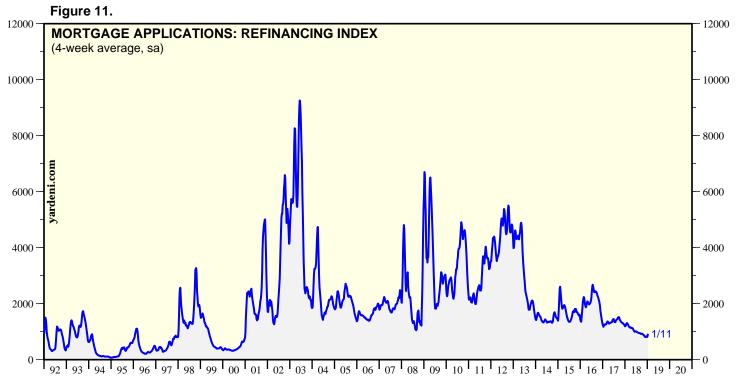




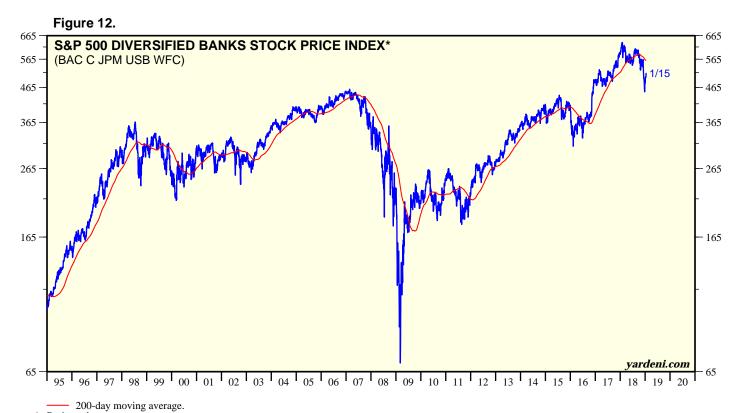
^{*} Average conventional 30-year commitment rate. Weekly data thru December 2003, daily thereafter. Source: FHLMC Primary Mortgage Market Survey.



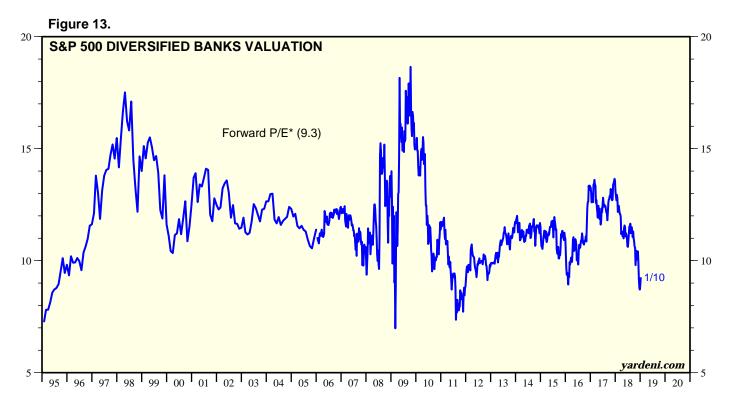
Source: Mortgage Bankers of America.



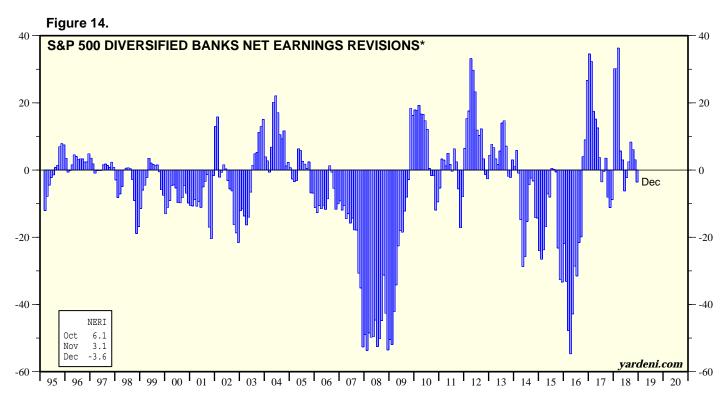
Source: Mortgage Bankers Association.



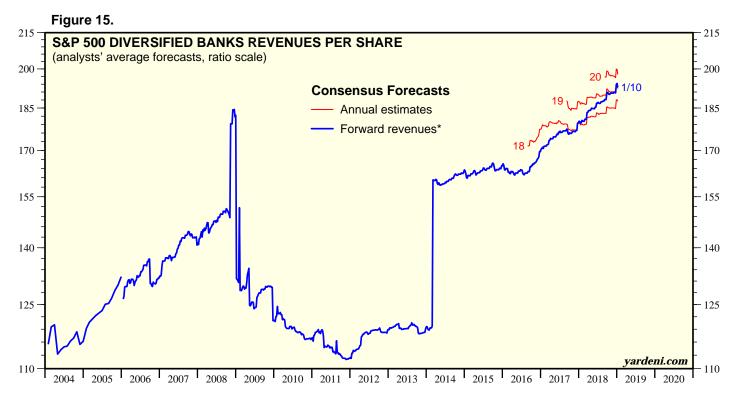
^{*} Ratio scale.
Source: Standard & Poor's and Haver Analytics.



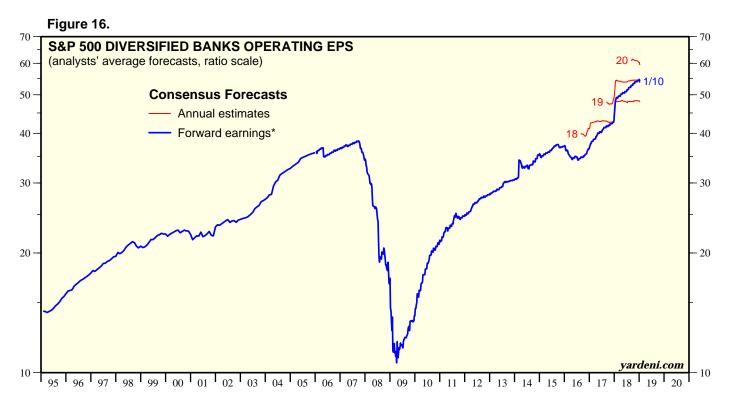
^{*} Price divided by forward consensus expected operating earnings per share. Monthly through 2005, then weekly. Source: I/B/E/S data by Refinitiv.



^{*} Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates. Source: I/B/E/S data by Refinitiv.



^{*} Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.



^{*} Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.

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