Chart Collection for Morning Briefing

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September 11, 2018

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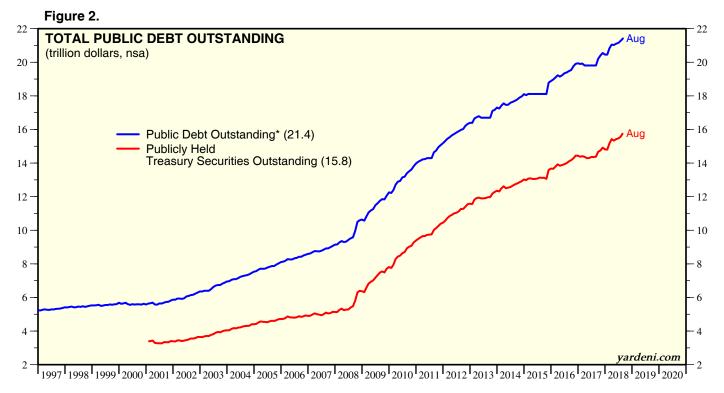
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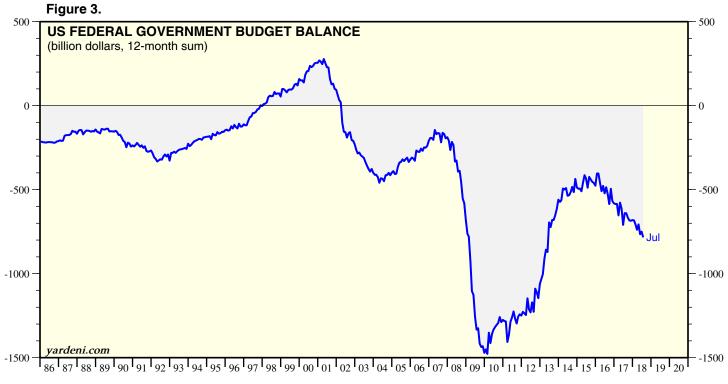
thinking outside the box



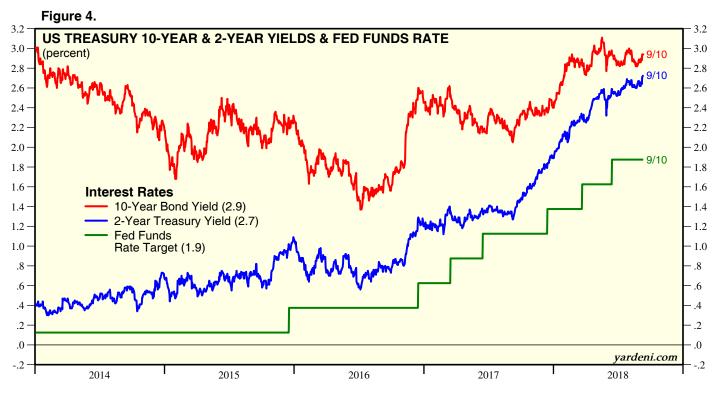
Note: Dotted lines show previous years' closing prices. Source: Standard & Poor's.



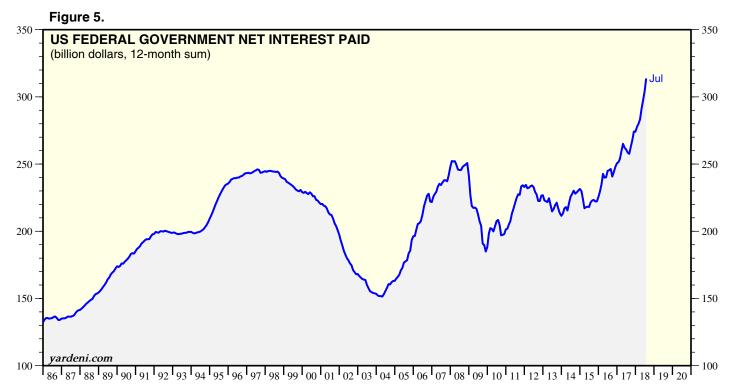
^{*} Held by the public and government accounts. Source: Monthly Statement of the Public Debt of the United States.



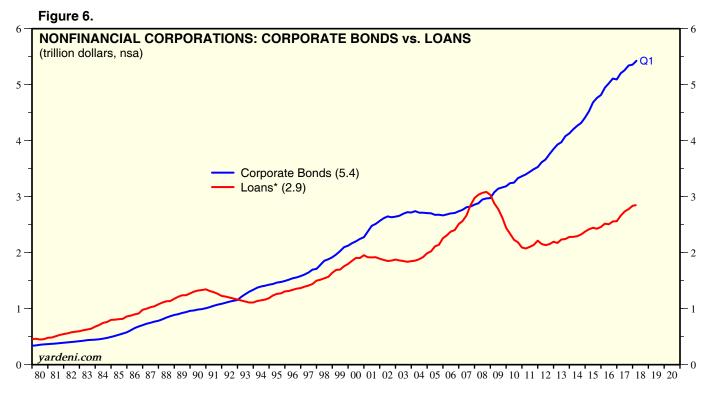
Source: US Treasury Department.



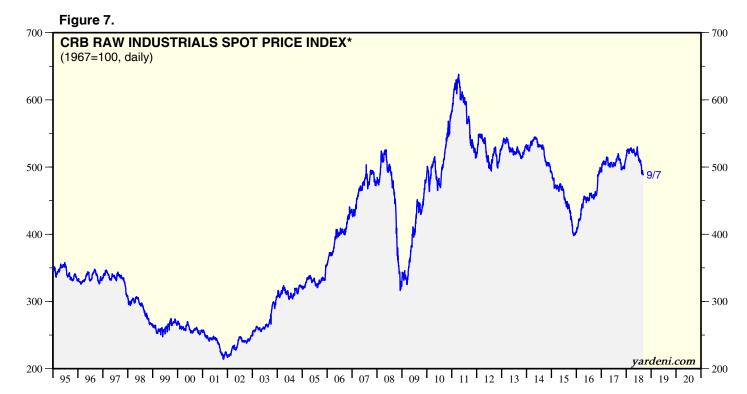
Source: Federal Reserve Board.



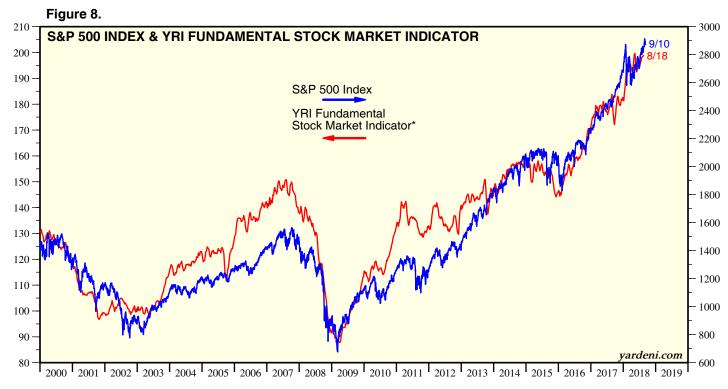
Source: US Treasury Department.



^{*} Loans (depository institutions loans, other loans and advances, mortgages). Source: Federal Reserve Board.

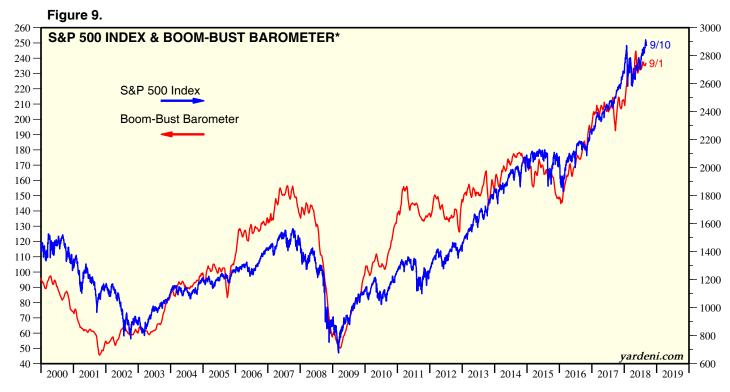


^{*} Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow. Source: Commodity Research Bureau.

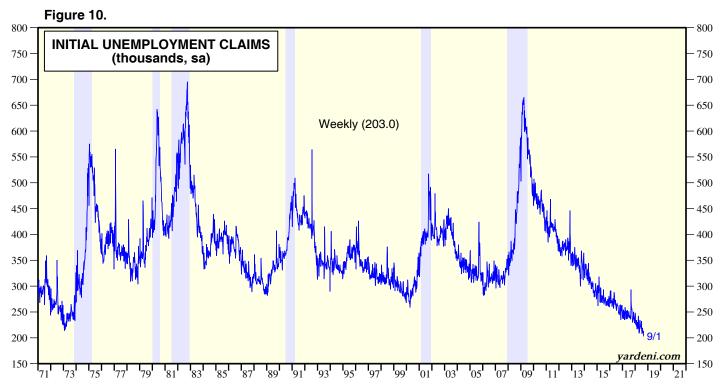


^{*} Average of Consumer Comfort Index (which is a four-week average) and the four-week average of Boom-Bust Barometer, which is CRB raw industrials spot price index (weekly average) divided by weekly initial unemployment claims.

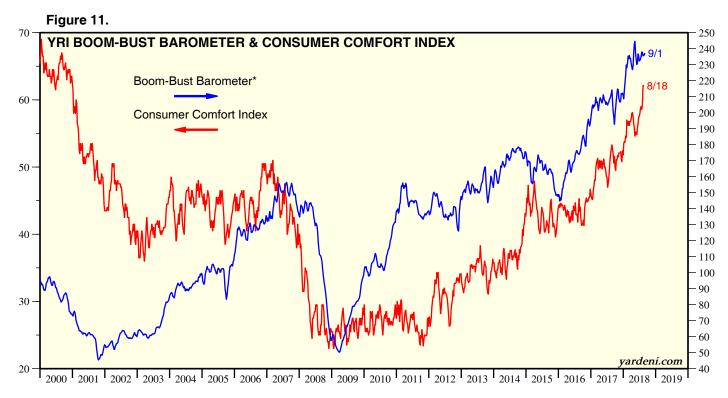
Source: Bloomberg, Commodity Research Bureau, Bureau of Labor Statistics, and Standard & Poor's.



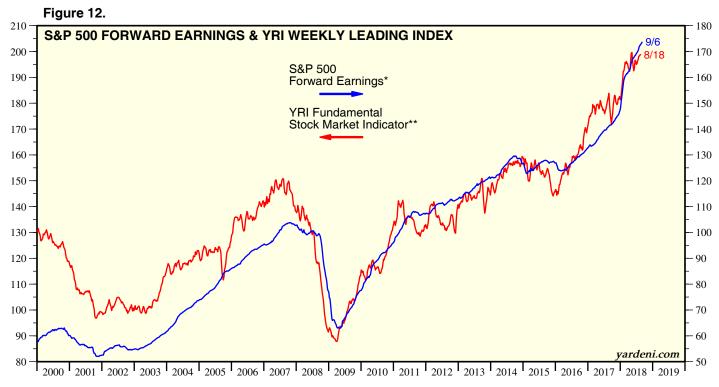
* CRB raw industrials spot price index (weekly average) divided by weekly initial unemployment claims, showing four-week moving average. Source: Bloomberg, Commodity Research Bureau, Bureau of Labor Statistics, and Standard & Poor's.



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



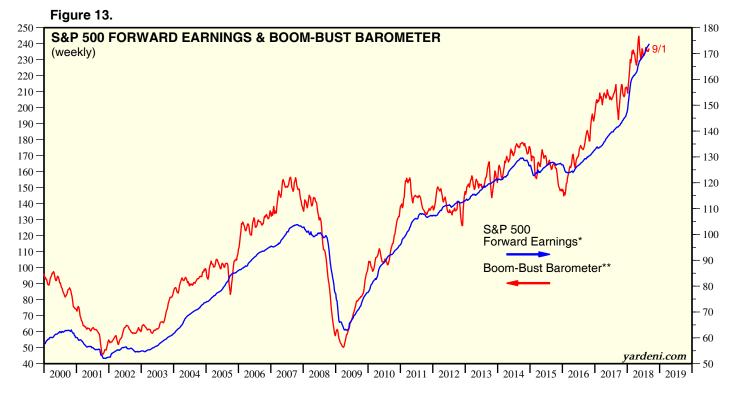
* CRB raw industrials spot price index divided by initial unemployment claims, four-week moving average. Source: Bloomberg, Commodity Research Bureau, Department of Labor.



^{* 52-}week forward consensus expected operating earnings per share. Time-weighted average of the current year's and next year's consensus forecast.

** Average of Consumer Comfort Index (which is a four-week average) and the four-week average of Boom-Bust Barometer, which is CRB raw industrials spot price index (weekly average) divided by weekly initial unemployment claims

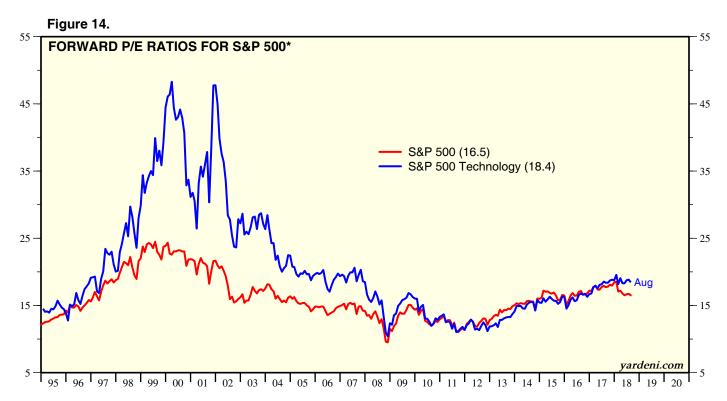
Source: Bloomberg, Commodity Research Bureau, Department of Labor, and Thomson Reuters I/B/E/S.



Time-weighted average of consensus estimates for the current year and next year.

CRB raw industrials spot price index (weekly average) divided by weekly initial unemployment claims, showing four-week moving average.

Source: Commodity Research Bureau, Bureau of Labor Statistics, and Thomson Reuters I/B/E/S.



S&P 500 stock price index divided by S&P 500 12-month forward consensus expected operating earnings per share. Source: Thomson Reuters I/B/E/S.

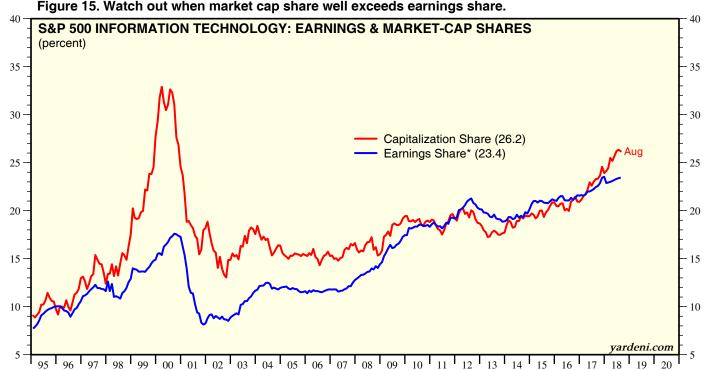
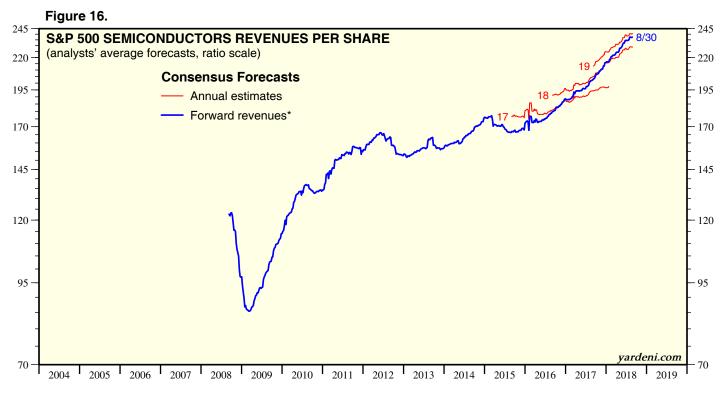
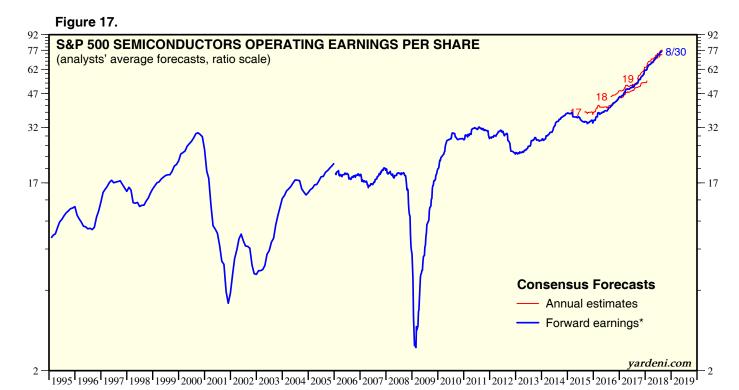


Figure 15. Watch out when market cap share well exceeds earnings share.

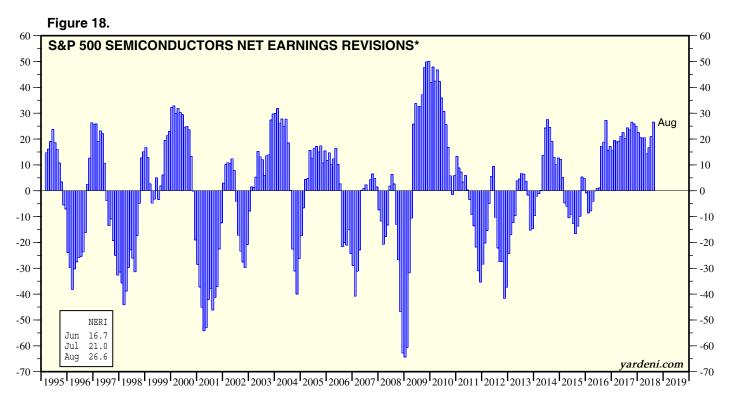
Using S&P 500 12-month forward consensus expected operating earnings. Source: Thomson Reuters I/B/E/S.



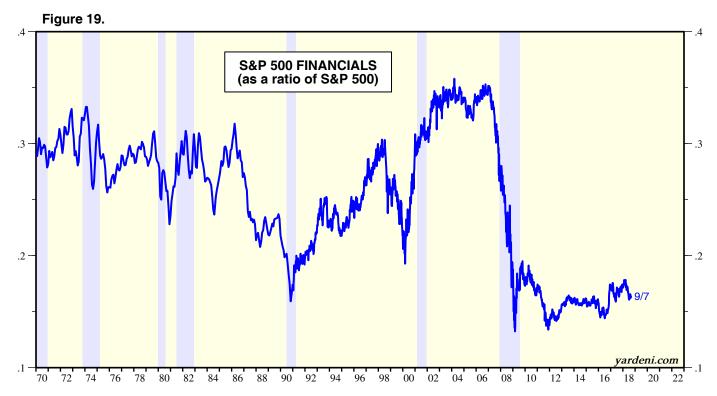
 $Time-weighted \ average \ of \ consensus \ estimates \ for \ current \ year \ and \ next \ year. \ Monthly \ through \ December \ 2005, \ then \ weekly. \\ Source: Thomson \ Reuters \ I/B/E/S.$



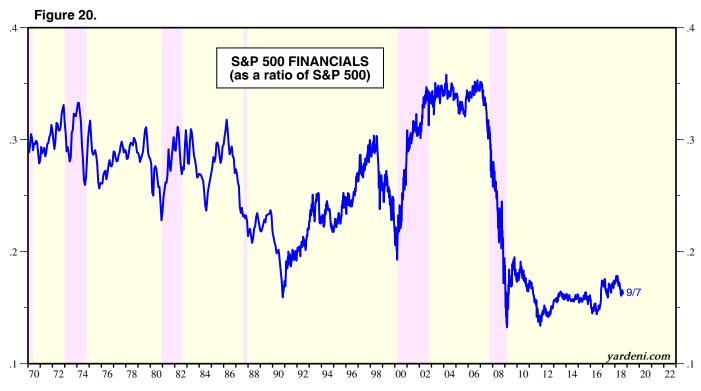
* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: Thomson Reuters I/B/E/S.



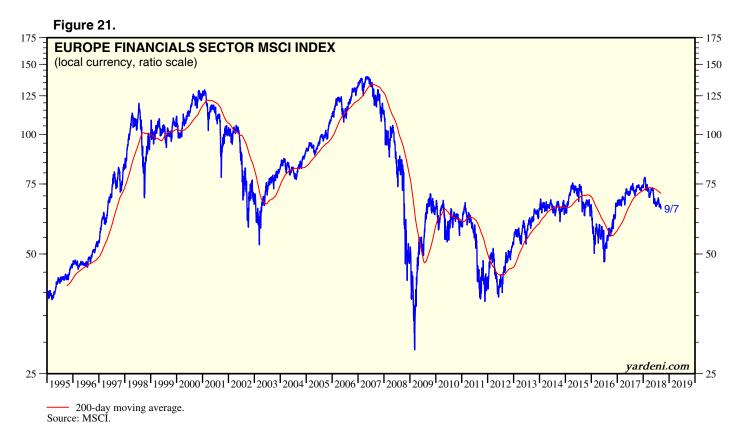
^{*} Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates. Source: Thomson Reuters I/B/E/S.



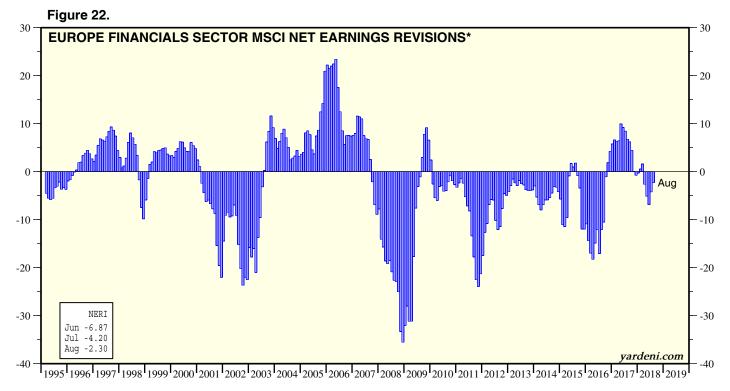
Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Monthly through December 1990, then weekly. Source: Standard & Poor's Corporation.



Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets. Source: Standard & Poor's Corporation.



Source: MSCĬ.



^{*} 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: Thomson Reuters I/B/E/S.

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