Chart Collection for Morning Briefing

Yardeni Research, Inc.

April 28, 2020

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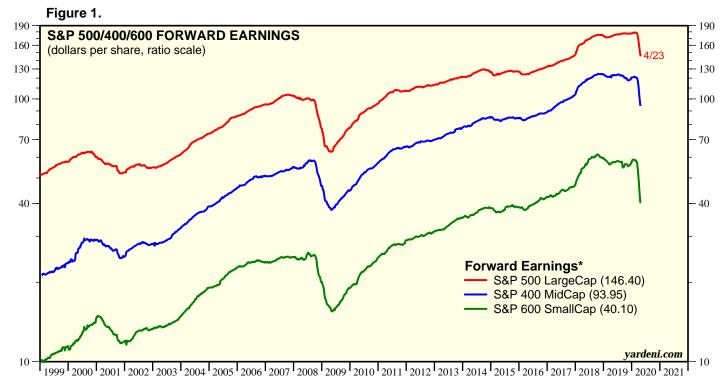
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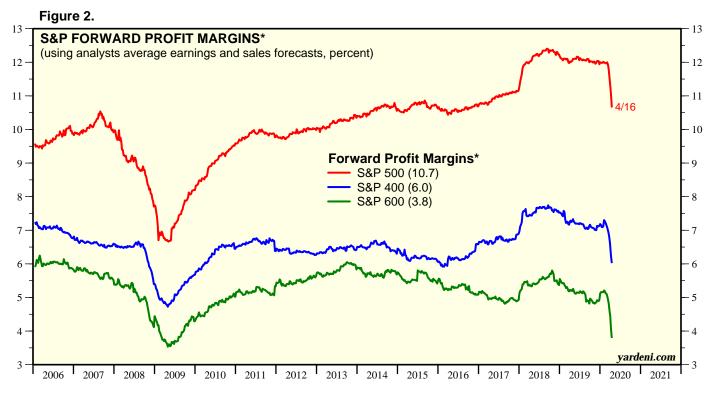
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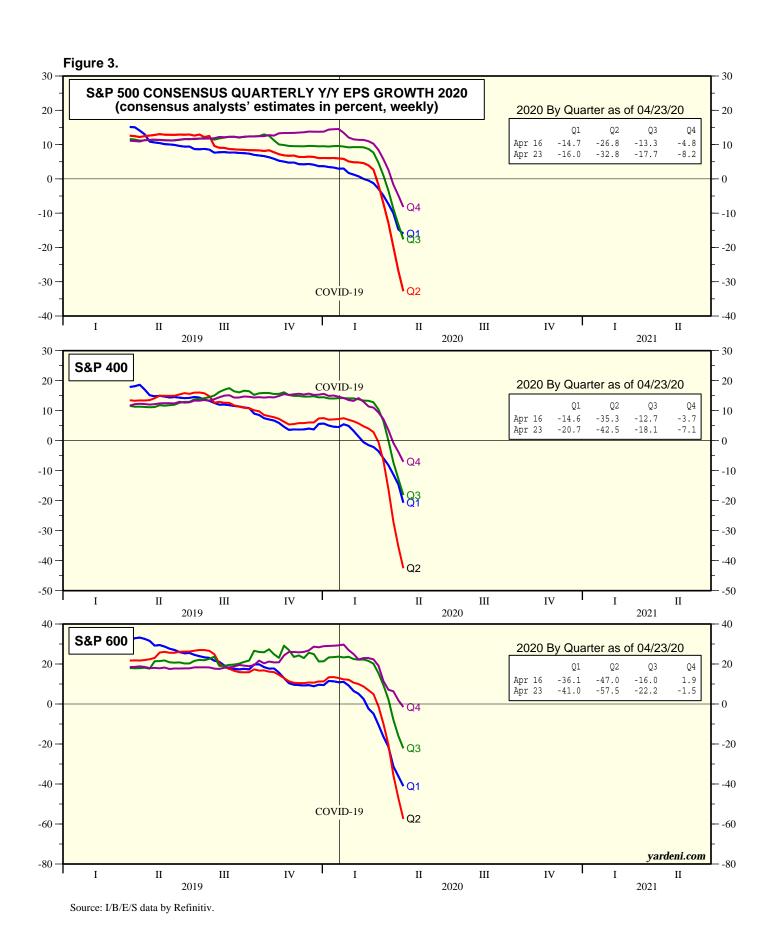
thinking outside the box

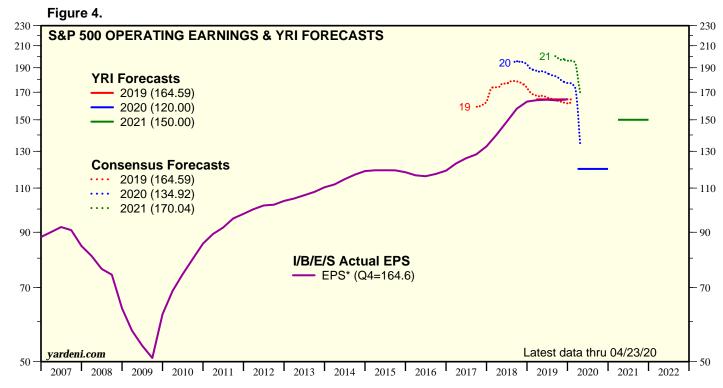


^{*} Time-weighted average of consensus estimates for current year and next year. Source: I/B/E/S data by Refinitiv.

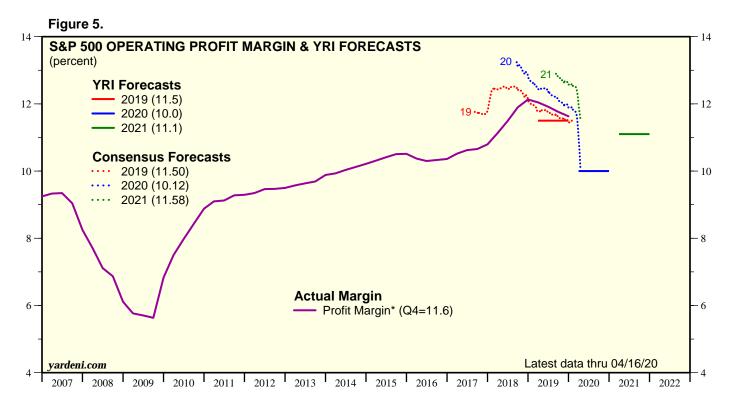


^{*} Time-weighted average of the consensus estimates for current and next year using forward earnings divided by forward revenues. Source: I/B/E/S data by Refinitiv and Standard & Poor's.

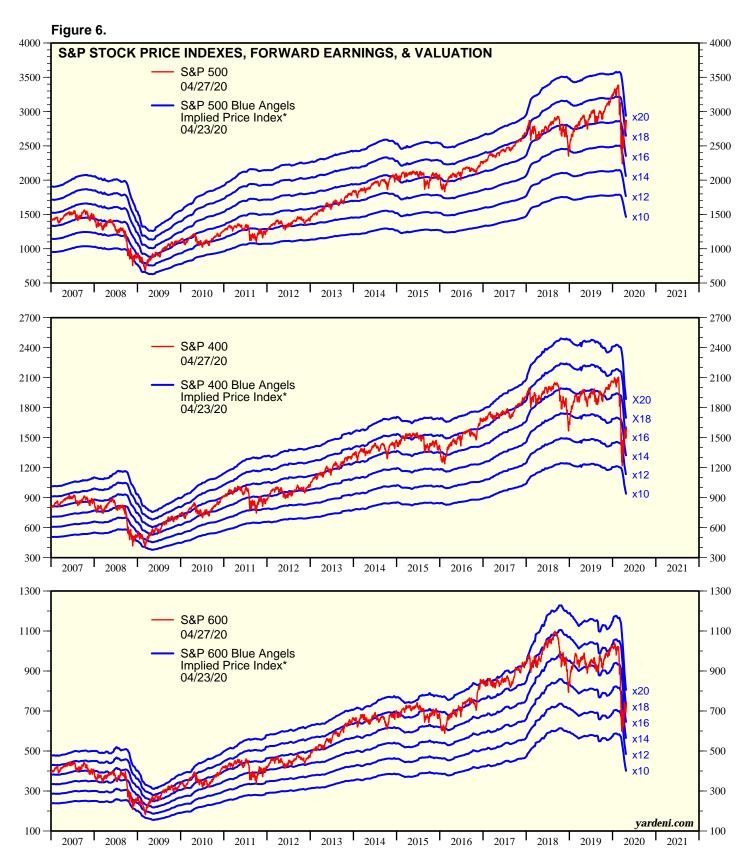




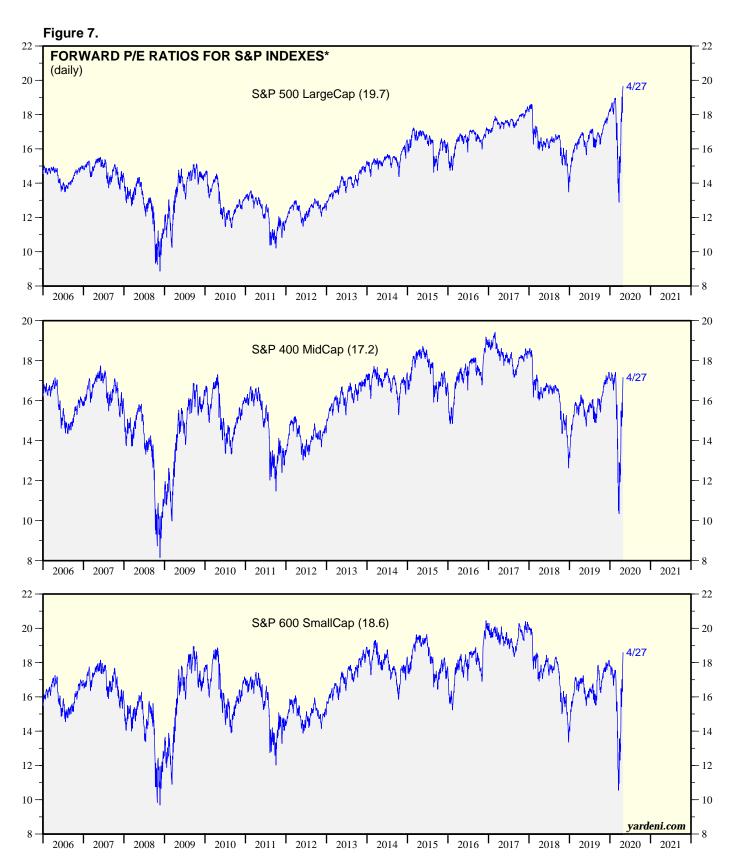
^{*} Four-quarter trailing sum of operating earnings per share. Source: I/B/E/S data by Refinitiv.



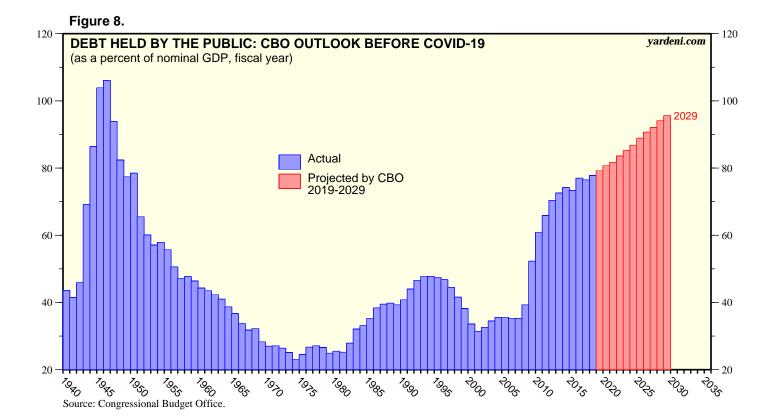
^{*} Four-quarter trailing operating profit margin. Source: I/B/E/S data by Refinitiv and Standard & Poor's.

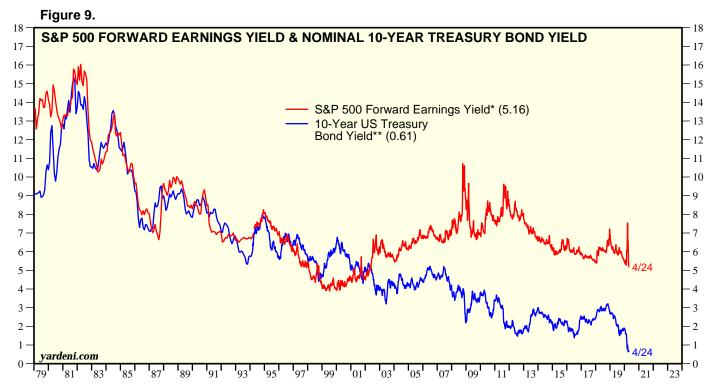


^{*} Implied stock price index calculated using actual 52-week consensus expected forward earnings times hypothetical forward P/Es. Source: Standard & Poors and I/B/E/S data by Refinitiv.



^{*} Price divided by 52-week forward consensus expected operating earnings per share. Source: I/B/E/S data by Refinitiv and Standard & Poor's.

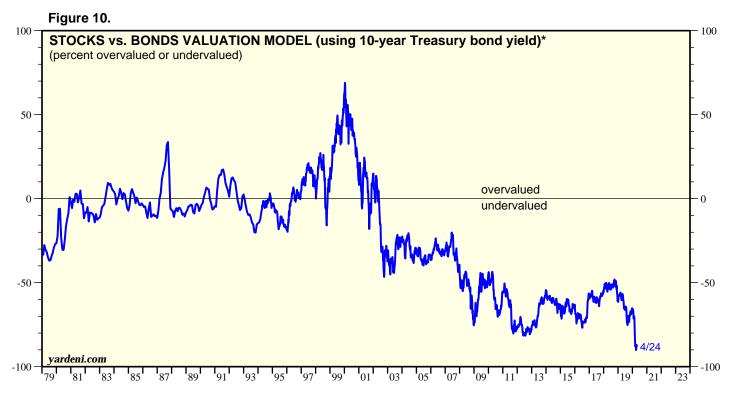




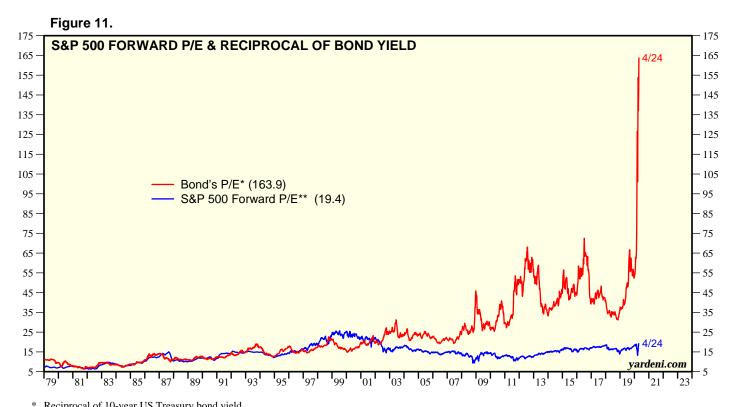
^{*} Year-ahead forward consensus expected earnings divided by S&P 500 stock price index. Monthly through March 1994, then weekly.

** Monthly through March 1994, then weekly.

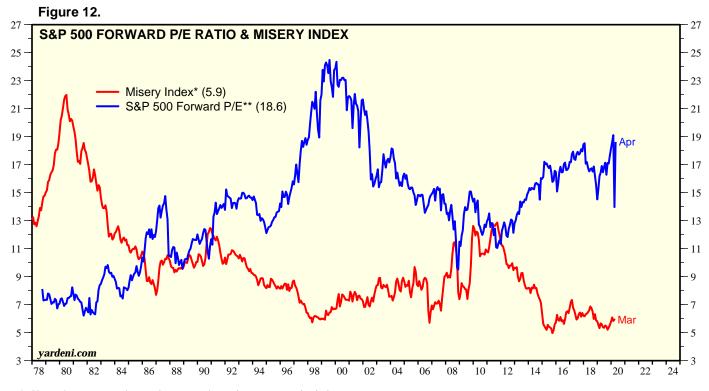
Source: I/B/E/S data by Refinitiv and Federal Reserve Board.



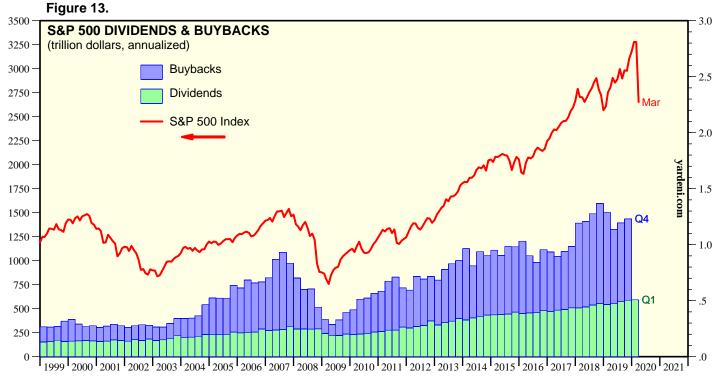
^{*} S&P 500 stock price index divided by S&P 500 fair-value price defined as S&P 500 12-month forward consensus expected earnings divided by 10-year US Treasury bond yield converted to percentage. Monthly through April 1994, weekly after. Source: I/B/E/S data by Refinitiv and Federal Reserve Board.



^{*} Reciprocal of 10-year US Treasury bond yield.
** 52-week forward consensus expected S&P 500 operating earnings per share. Monthly through March 1994, weekly thereafter. Source: Standard & Poor's and I/B/E/S data by Refinitiv.



Unemployment rate plus yearly percent change in consumer price index. Average monthly S&P 500 stock price index divided by S&P 500 12-month forward consensus expected operating earnings per share. Source: Bureau of Economic Analysis, Bureau of Labor Statistics, and I/B/E/S data by Refinitiv.



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