Chart Collection for Morning Briefing

Yardeni Research, Inc.

August 20, 2019

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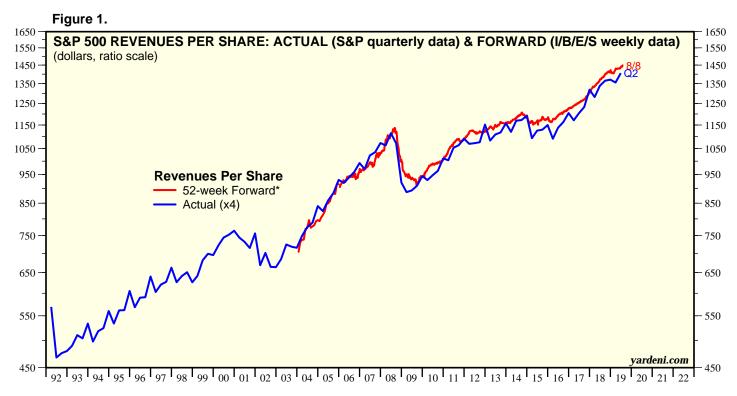
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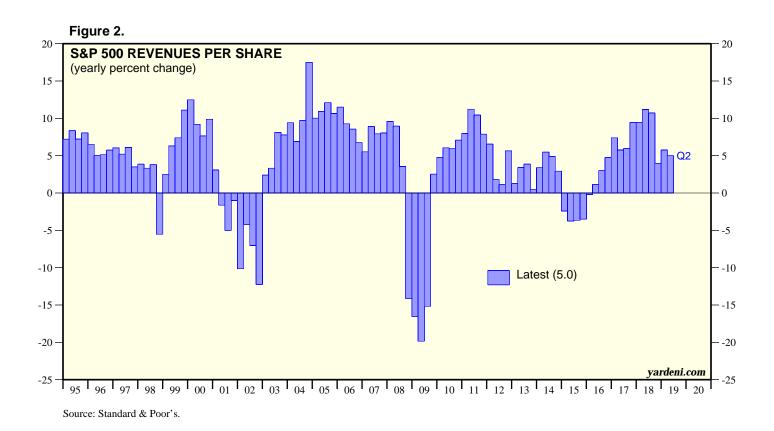
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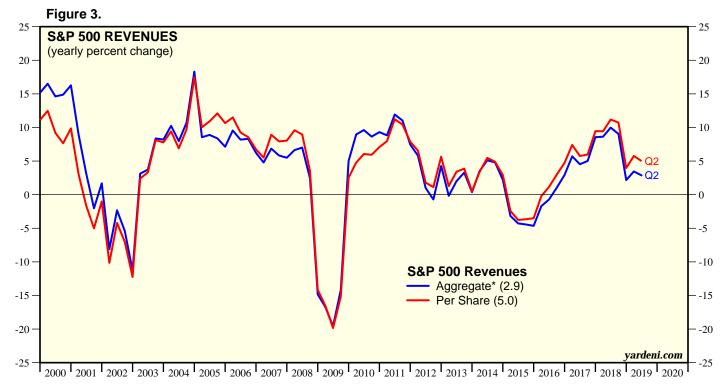


thinking outside the box

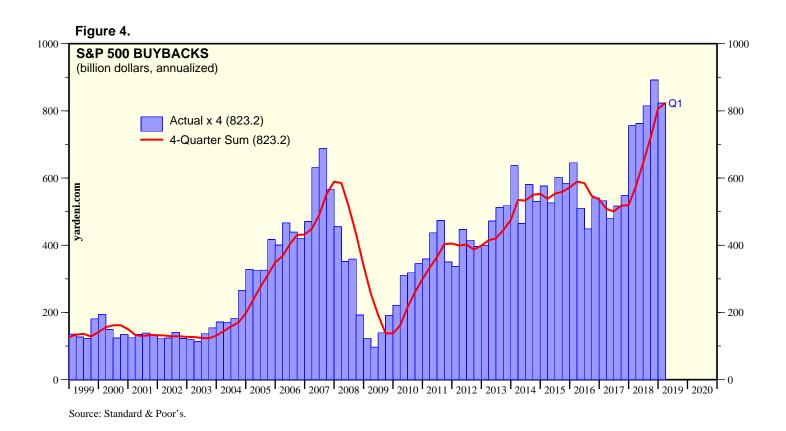


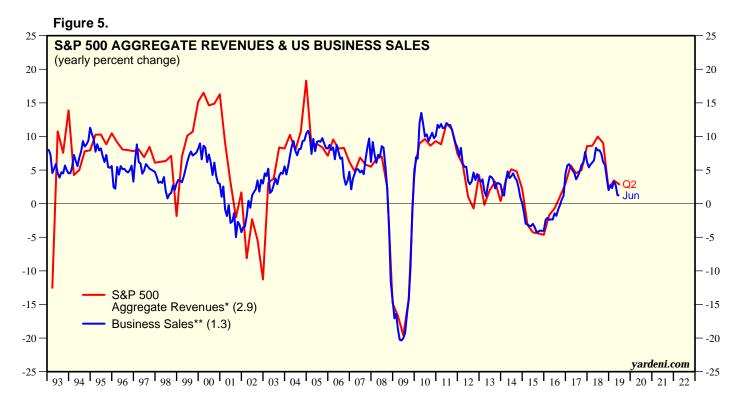
^{*} Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: Standard & Poor's (for actual revenues) and I/B/E/S data by Refinitiv (for forward revenues).





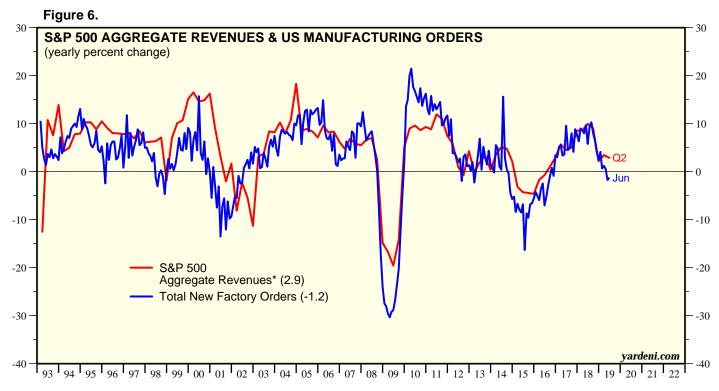
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's.





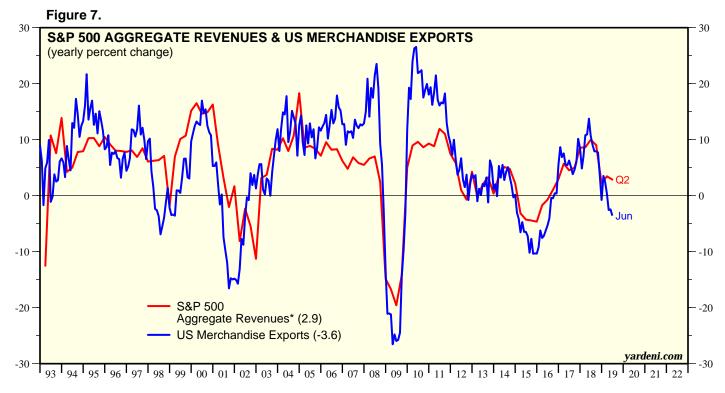
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter.

** Manufacturing and trade sales.

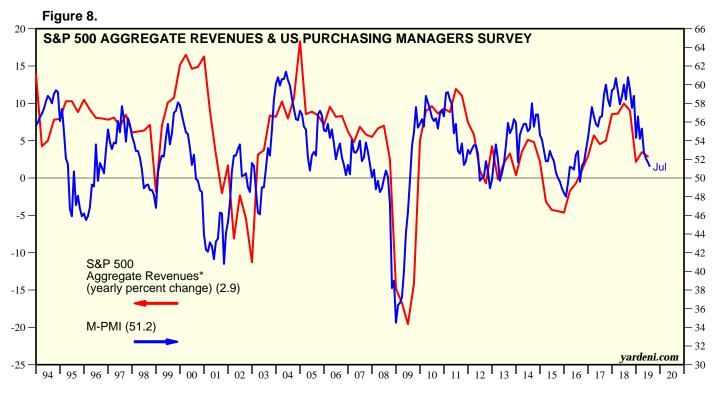


^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Census Bureau.

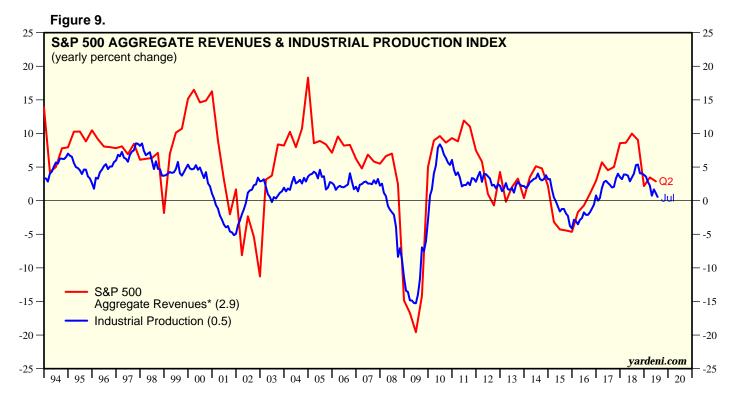
Source: Standard & Poor's and Census Bureau.



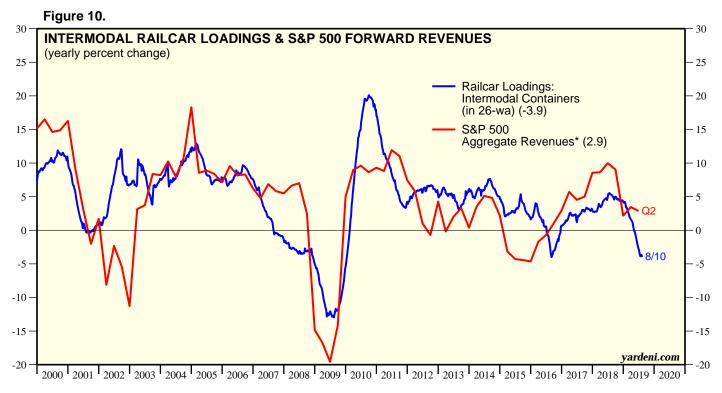
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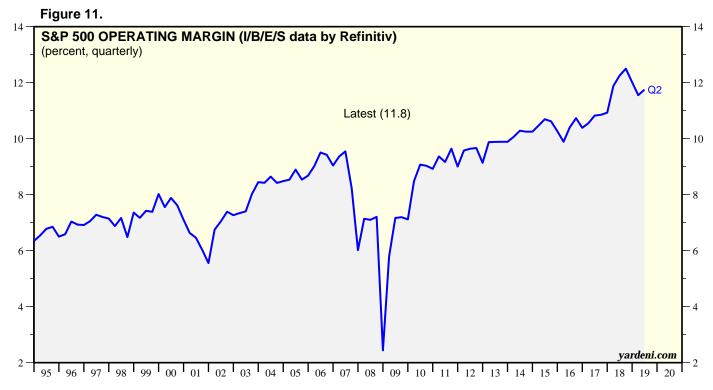
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Institute for Supply Management.



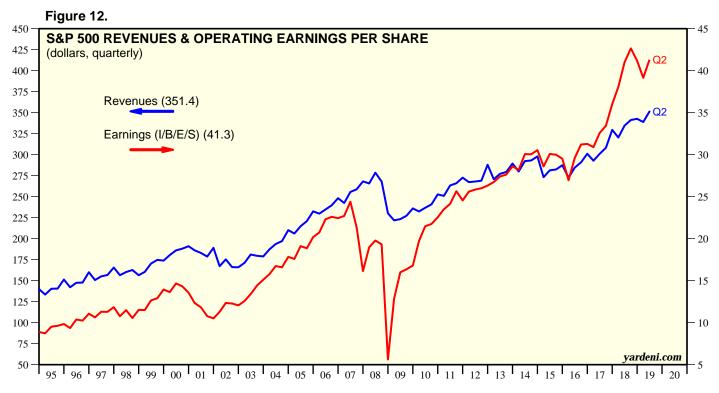
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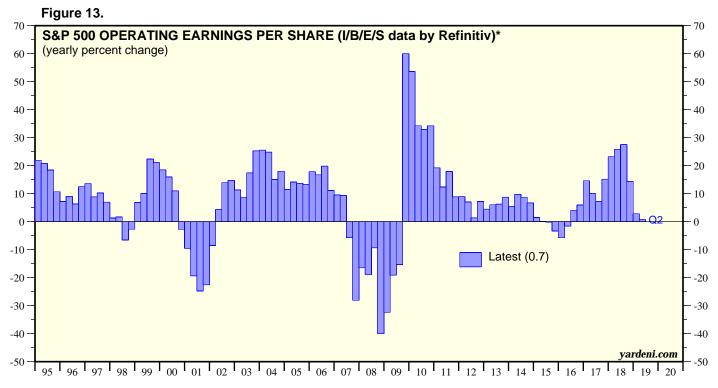
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Atlantic Systems and I/B/E/S data by Refinitiv.



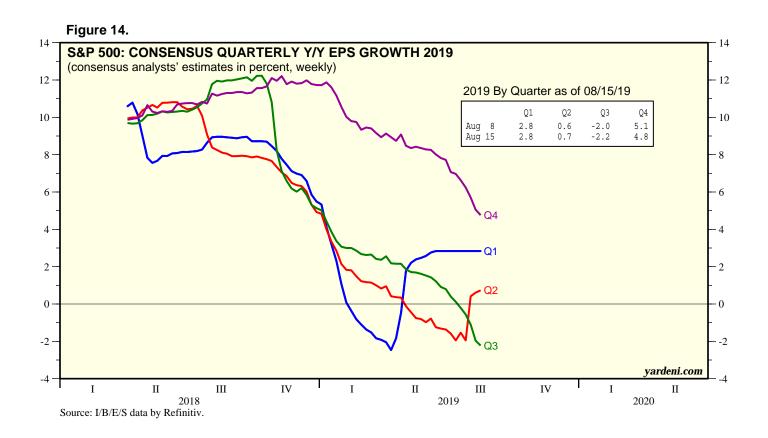
Source: Standard & Poor's and I/B/E/S data by Refinitiv.

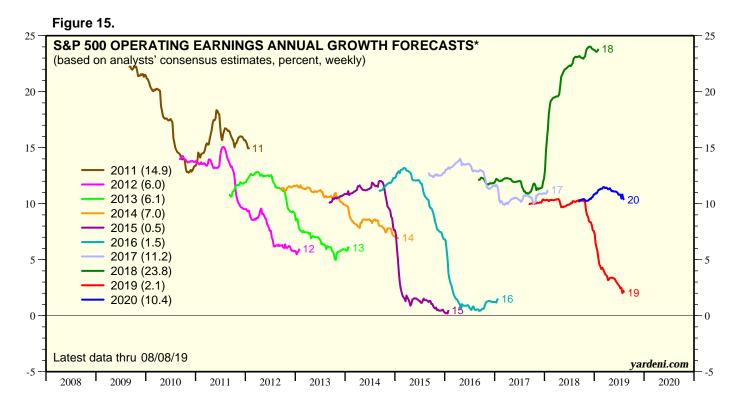


Source: Standard & Poor's and I/B/E/S data by Refinitiv.

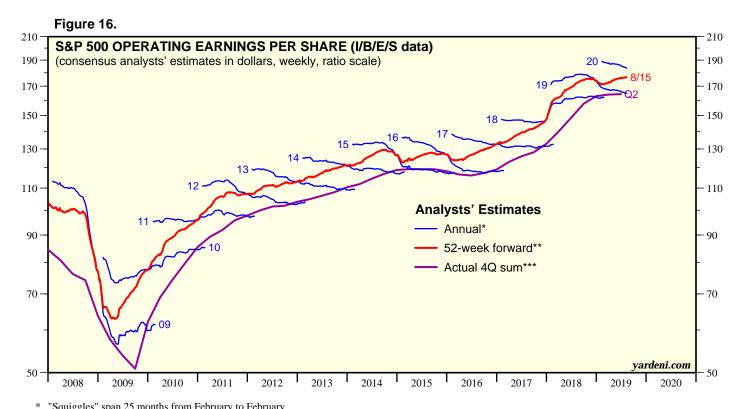


^{*} Due to extreme values, Q4-2008's -65.2% is capped at -40% and Q4-2009's +198.9% is capped at 60%. Source: I/B/E/S data by Refinitiv.



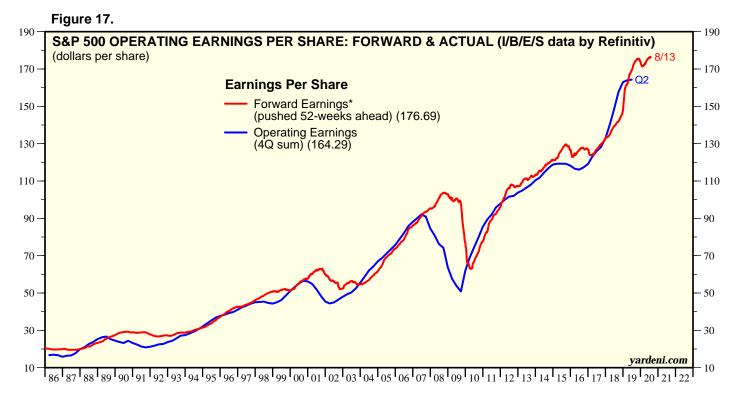


Source: I/B/E/S data by Refinitiv.

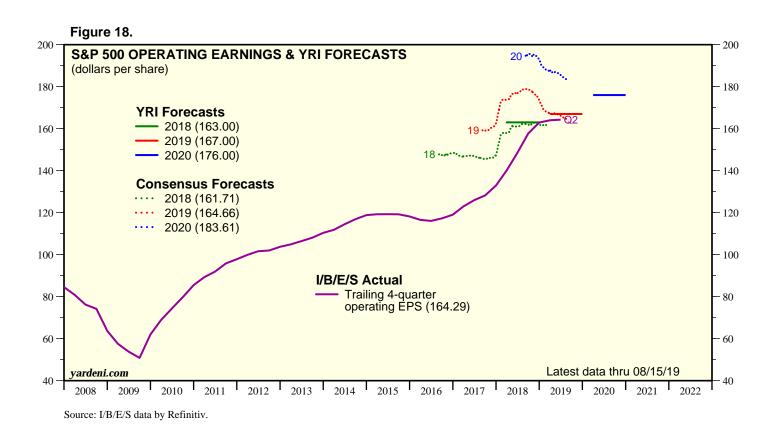


 ^{* &}quot;Squiggles" span 25 months from February to February.
 ** Time-weighted average of consensus operating earnings estimates for current and next years.

^{***} Actual 4Q sum from I/B/E/S. 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: Standard & Poor's until Q4-1993, then I/B/E/S data by Refinitiv.



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