Chart Collection for Morning Briefing

Yardeni Research, Inc.

June 5, 2019

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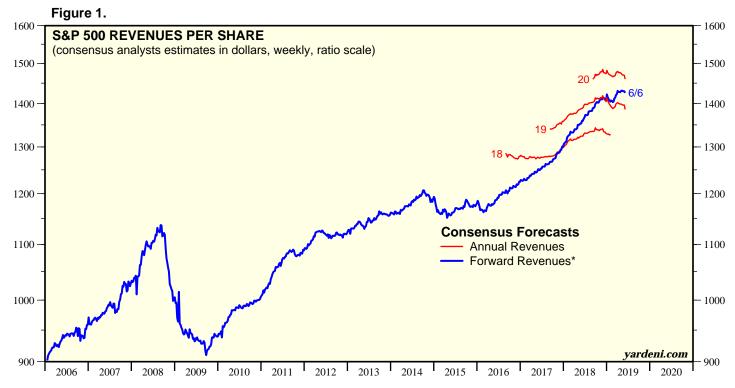
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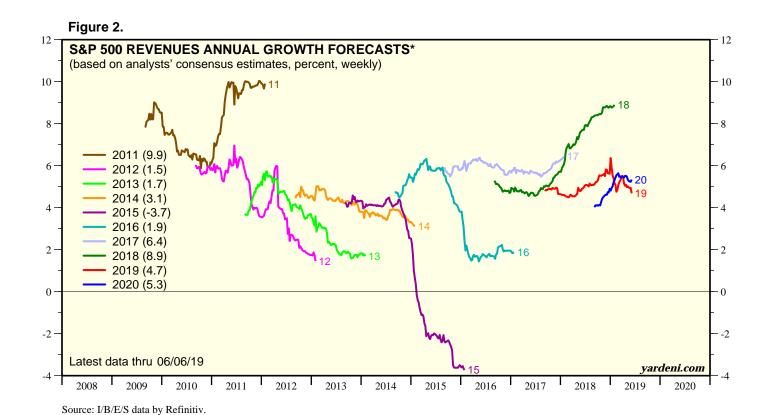
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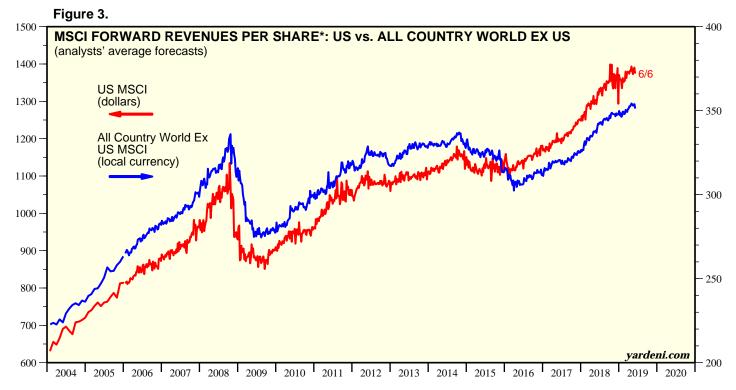


thinking outside the box

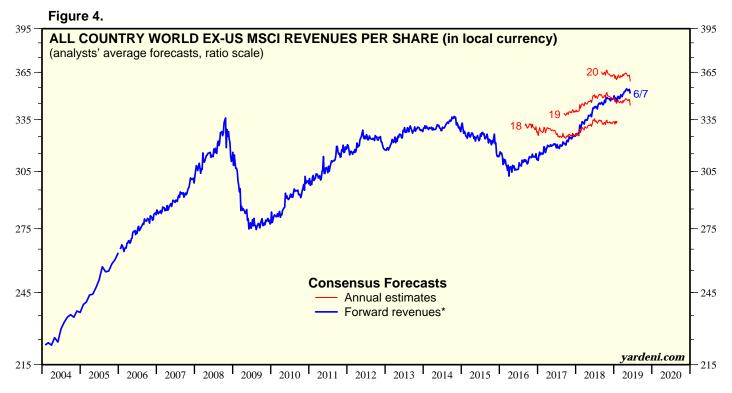


^{*} Time-weighted average of consensus revenue estimates for current and next year. Source: I/B/E/S data by Refinitiv.

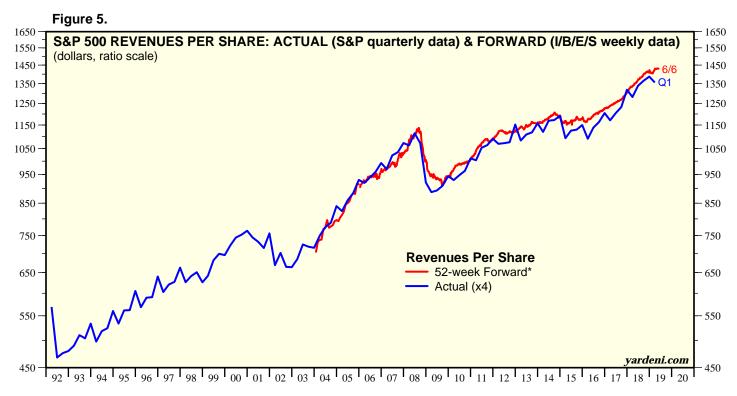




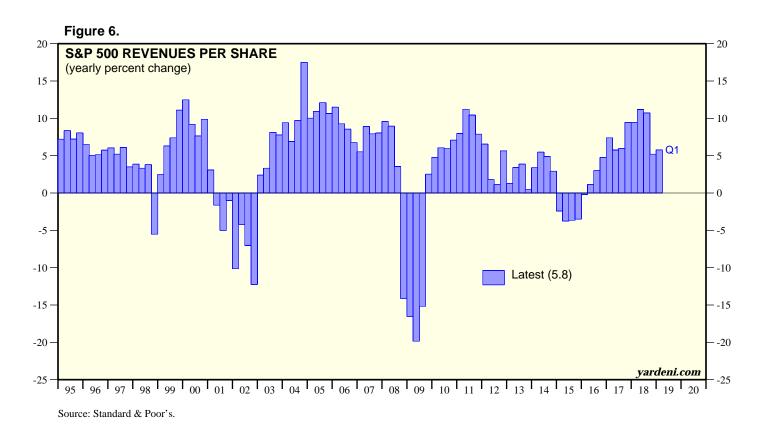
^{*} Time-weighted average of the consensus earnings estimates for current and next year. Monthly through December 2005, weekly thereafter. Source: Thomson Reuters I/B/E/S.

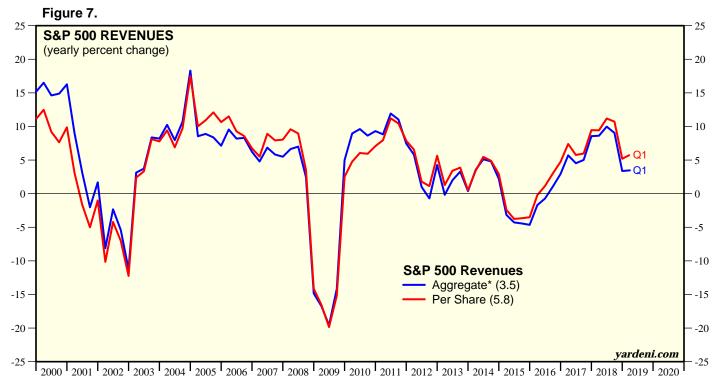


^{*} Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.

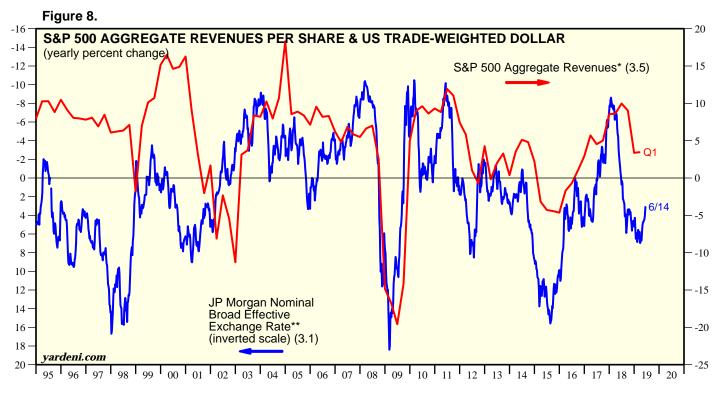


 $Time-weighted average \ of \ consensus \ estimates \ for \ current \ year \ and \ next \ year. \ Monthly \ through \ December \ 2005, \ then \ weekly. \\ Source: \ Standard \ \& \ Poor's \ (for \ actual \ revenues) \ and \ I/B/E/S \ data \ by \ Refinitiv \ (for \ forward \ revenues).$



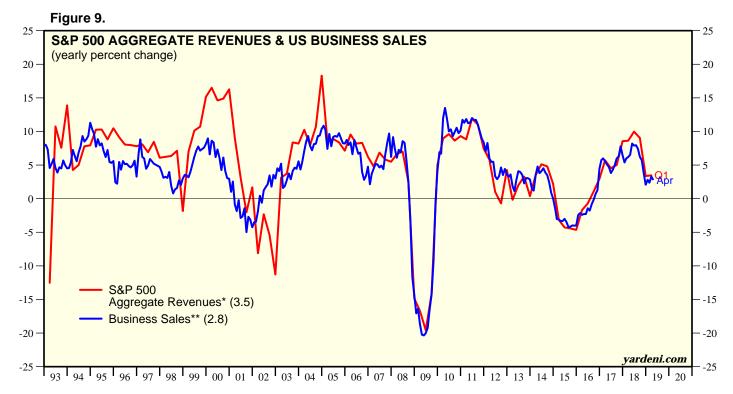


^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's.



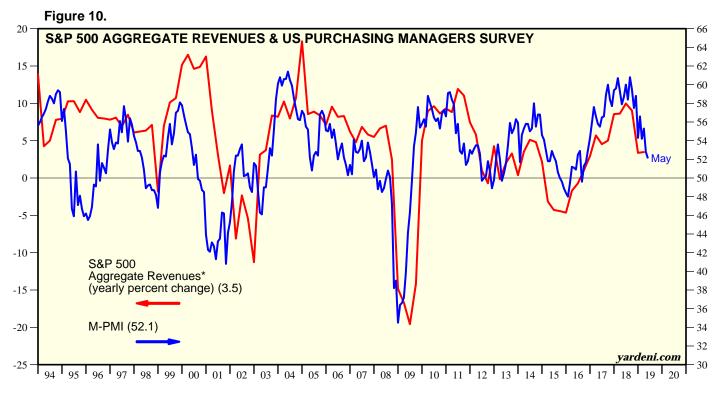
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter.

** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pahama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: JP Morgan and Standard & Poor's.

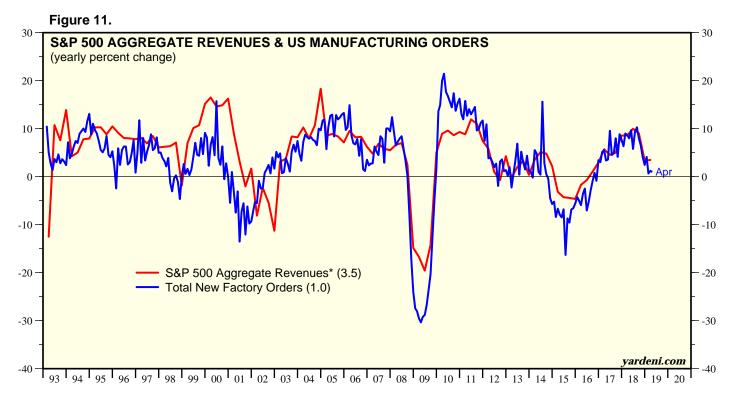


S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter.
 Manufacturing and trade sales.

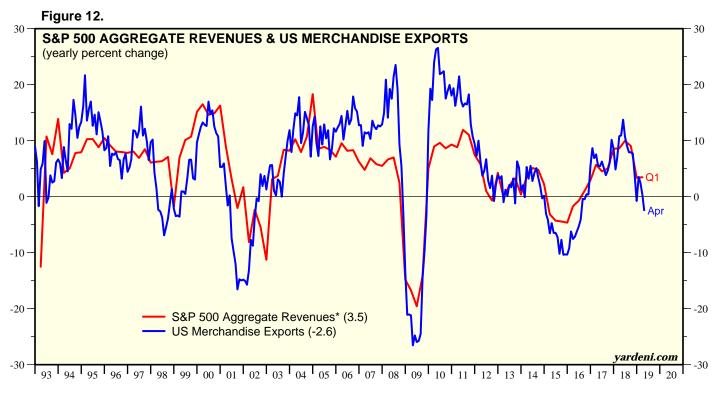
Source: Standard & Poor's and Census Bureau.



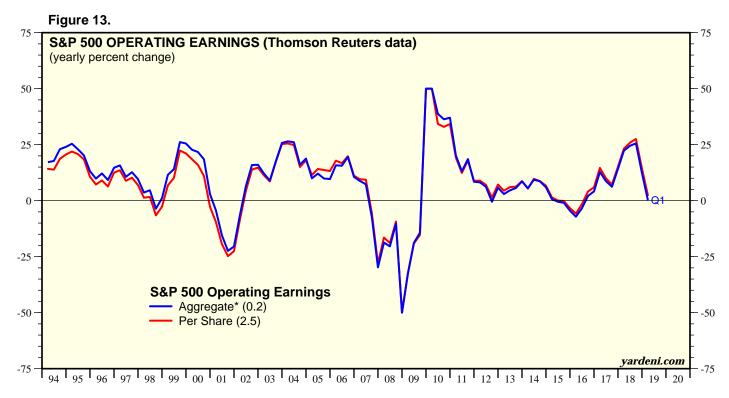
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Institute for Supply Management.



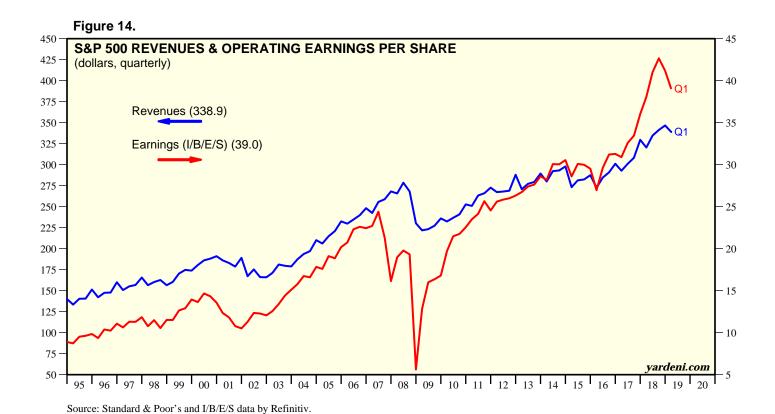
^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Census Bureau.

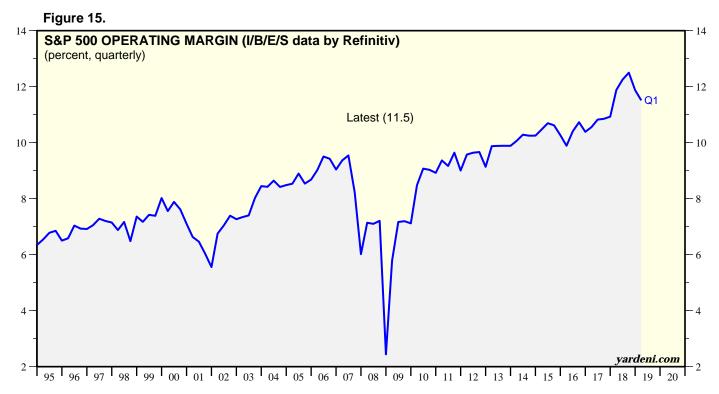


^{*} S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Census Bureau.

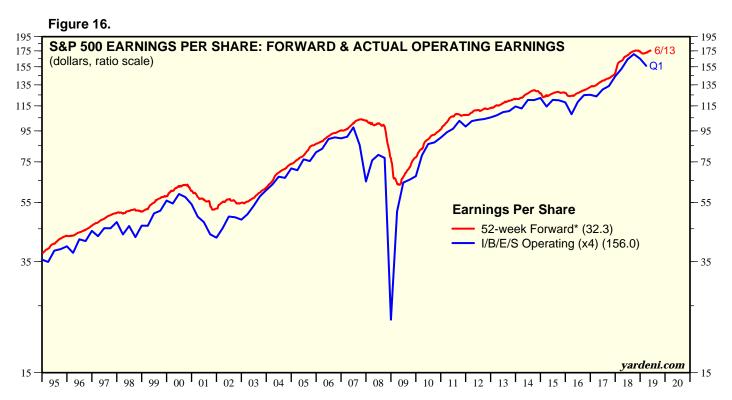


^{*} Earnings are derived by multiplying operating earnings per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and I/B/E/S data by Refinitiv.

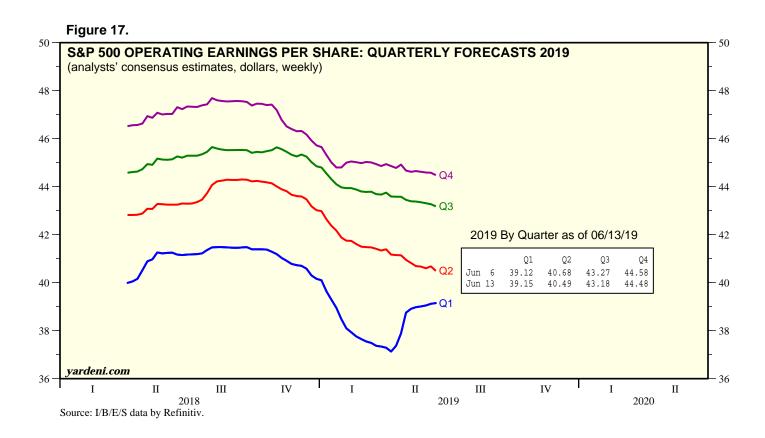


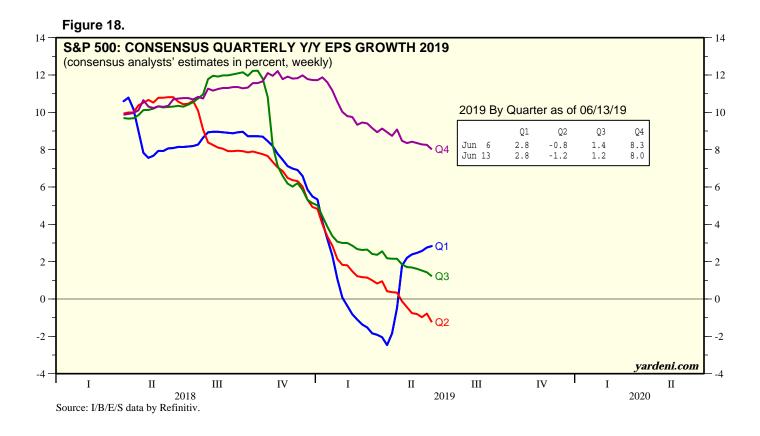


Source: Standard & Poor's and I/B/E/S data by Refinitiv.



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





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