## Chart Collection for Morning Briefing

Yardeni Research, Inc.

July 15, 2019

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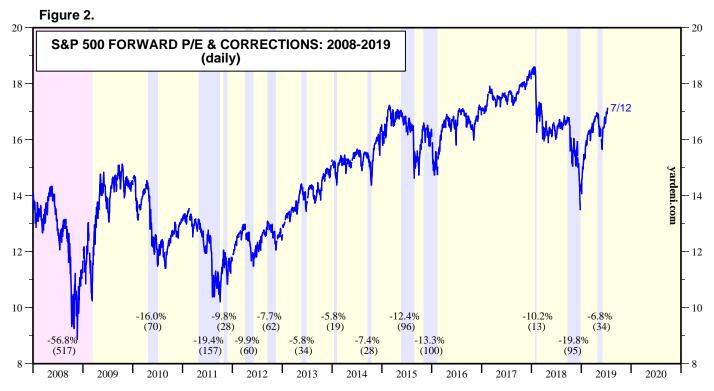
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thinking outside the box

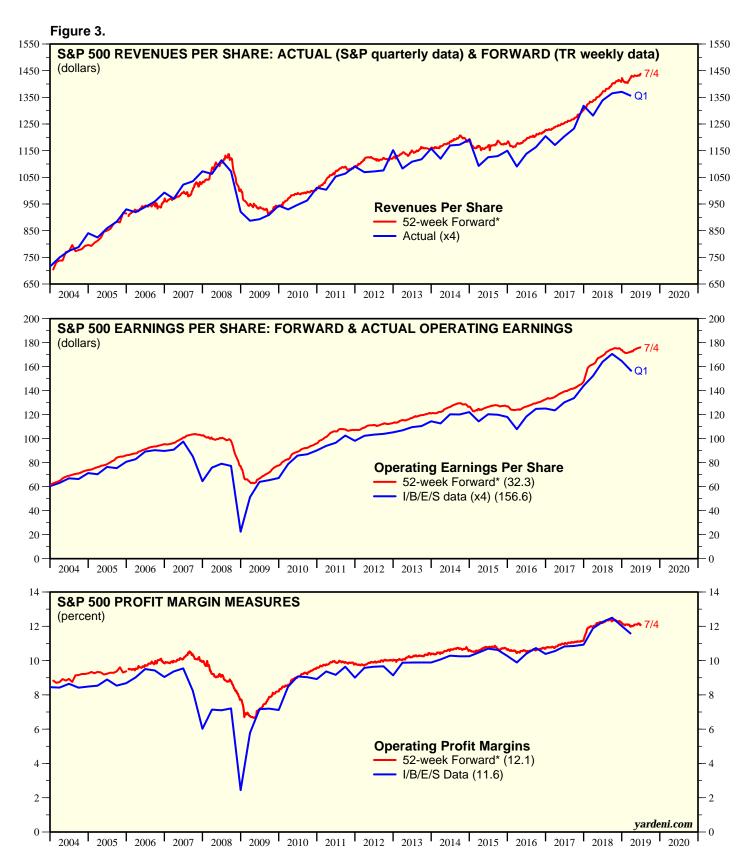


Note: Corrections are declines of 10% or more, while minor ones are 5%-10% (all in blue shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses. Source: Standard & Poor's.

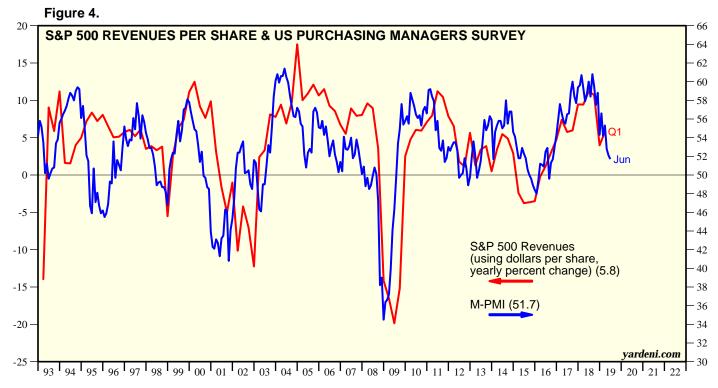


Note: Corrections are declines of 10% or more, while minor ones are 5%-10% (all in blue shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses.

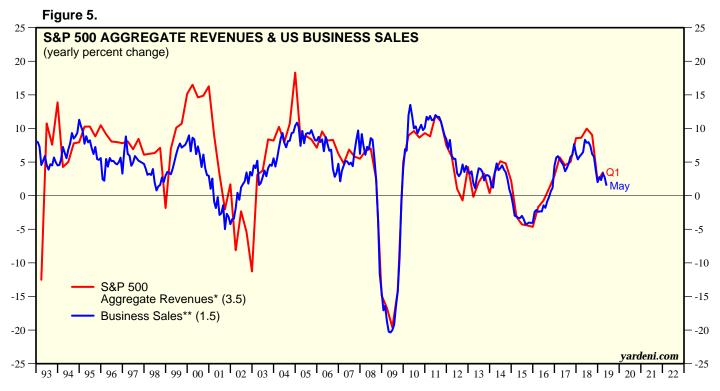
Source: Standard & Poor's.



<sup>\*</sup> Time-weighted average of consensus operating earnings estimates for current and next years. Source: Standard & Poor's and I/B/E/S data by Refinitiv.

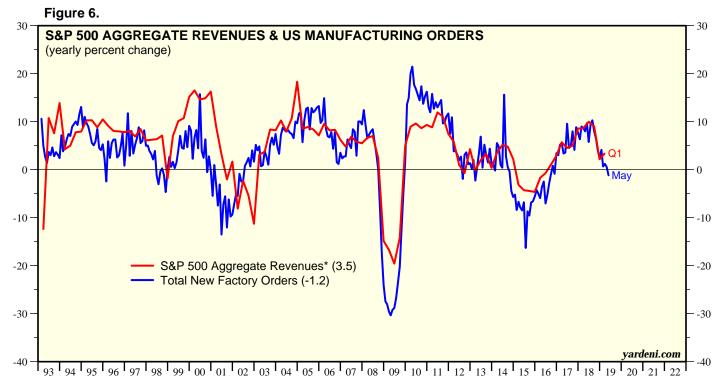


Source: Standard & Poor's and Institute for Supply Management.

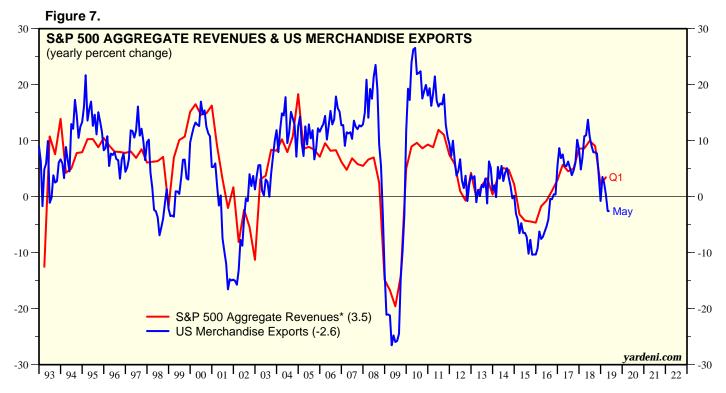


<sup>\*</sup> S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter.

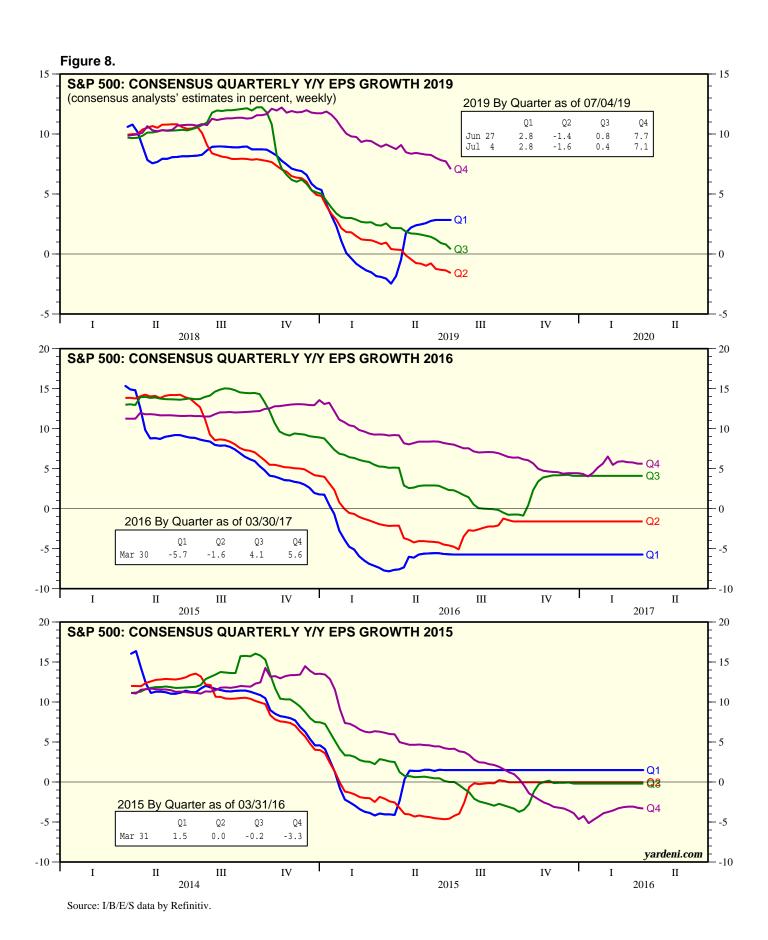
\* Manufacturing and trade sales. Source: Standard & Poor's and Census Bureau.



<sup>\*</sup> 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.

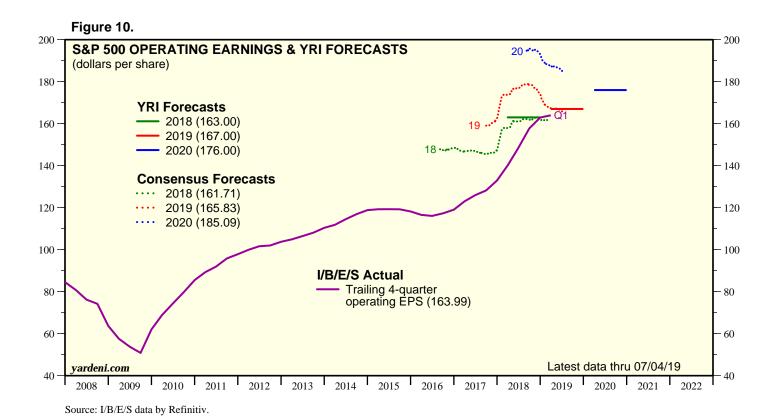


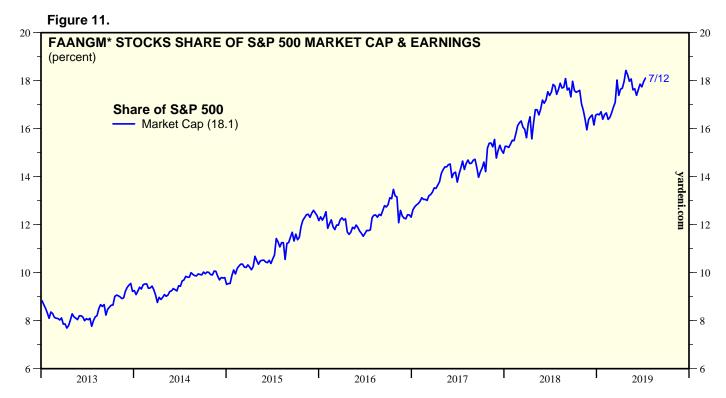
<sup>\*</sup> S&P quarterly data, not per share. Revenues are derived by multiplying S&P 500 revenues per share by the S&P 500 divisor for each quarter. Source: Standard & Poor's and Census Bureau.



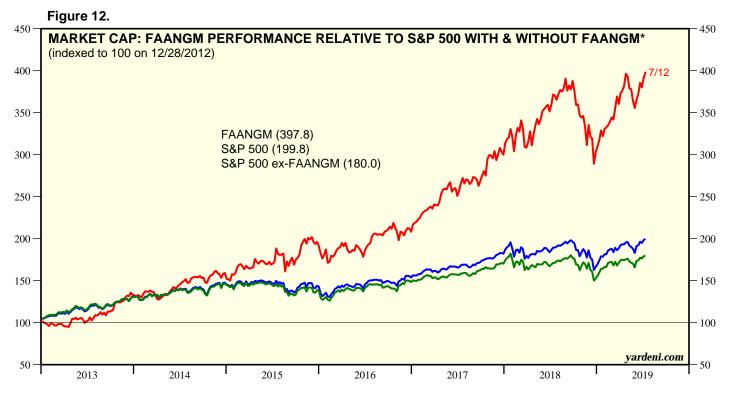


Note: Dotted lines show previous years' closing prices. Source: Standard & Poor's.

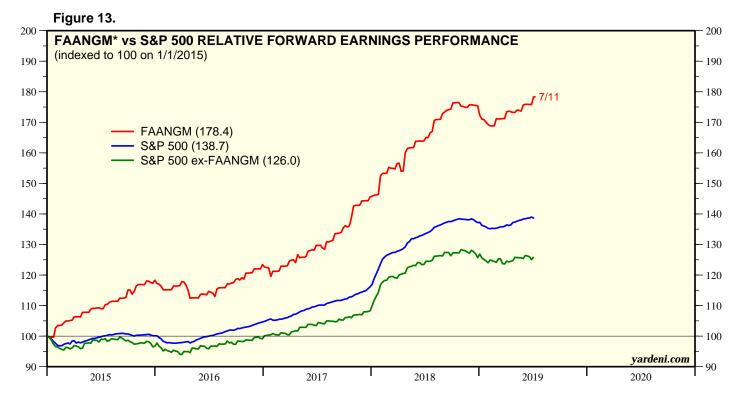




FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: Standard & Poor's and I/B/E/S data by Refinitiv.



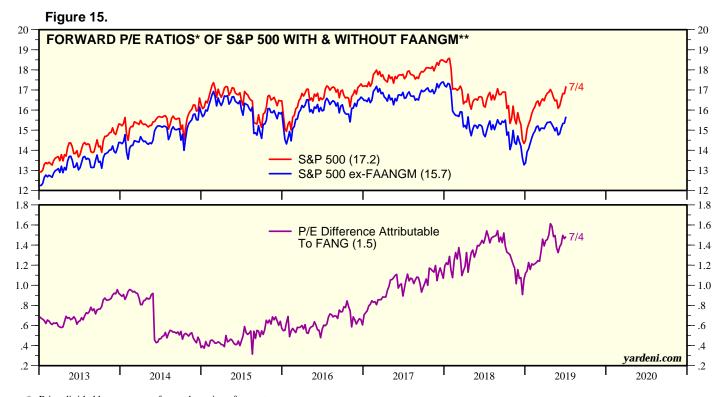
<sup>\*</sup> FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: Standard & Poor's and Yardeni Research Inc.



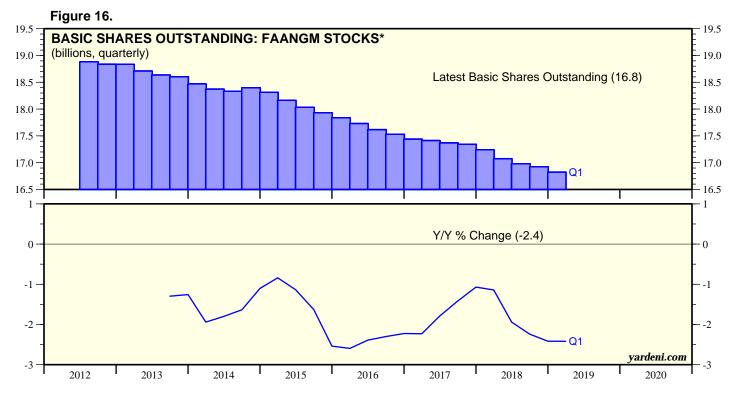
FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.



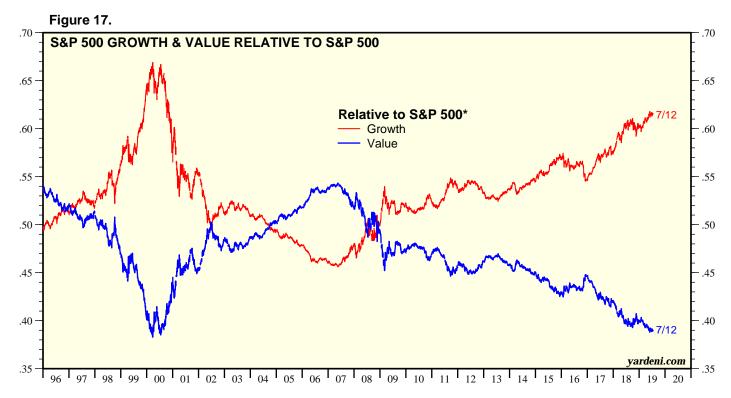
 <sup>\*</sup> FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included.
 \*\* Market cap divided by aggregate forward consensus expected operating earnings per share.
 Source: I/B/E/S data by Refinitiv.



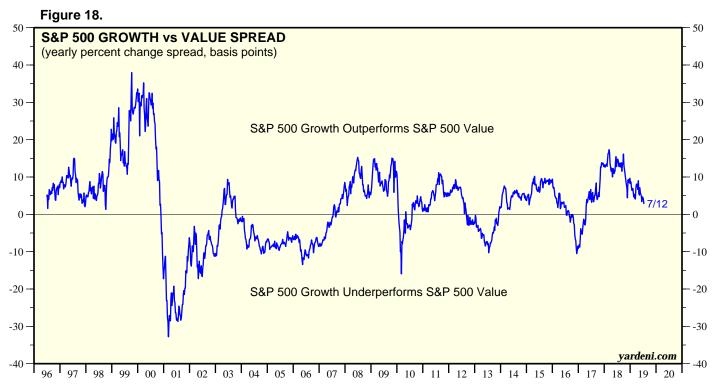
Price divided by consensus forward earnings forecast.
 FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.



<sup>\*</sup> FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.



<sup>\*</sup> Rising (falling) line indicates that the index is outperforming (underperforming) the S&P 500. Source: Standard & Poor's and Haver Analytics.



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