Chart Collection for Morning Briefing

Yardeni Research, Inc.

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Mali Quintana

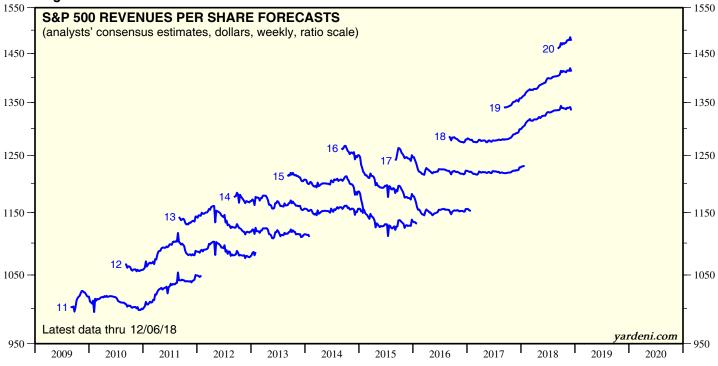
480-664-1333 aquintana@yardeni.com

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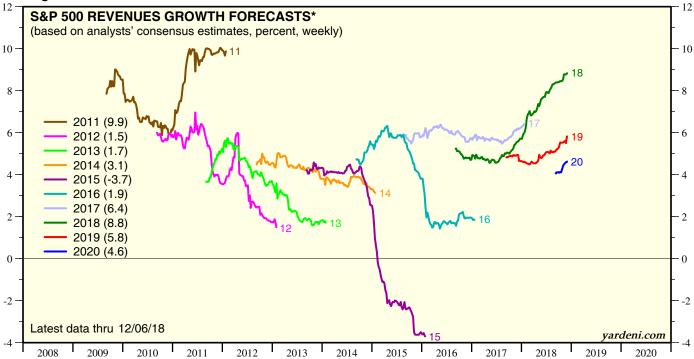
thinking outside the box





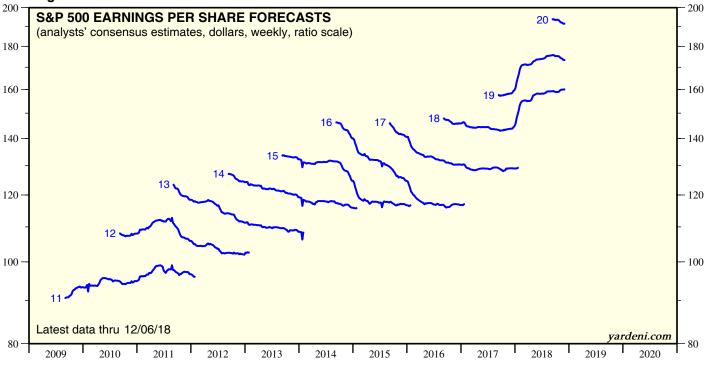
Source: I/B/E/S data by Refinitiv.





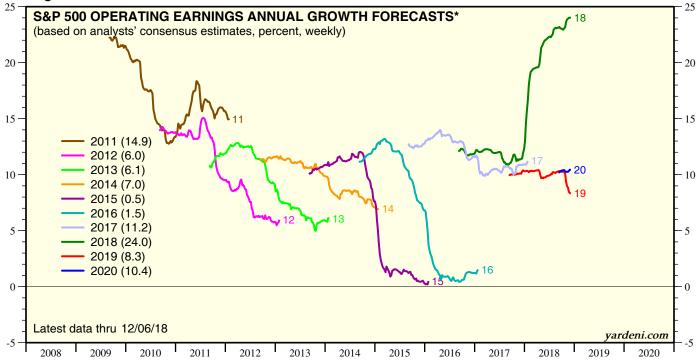
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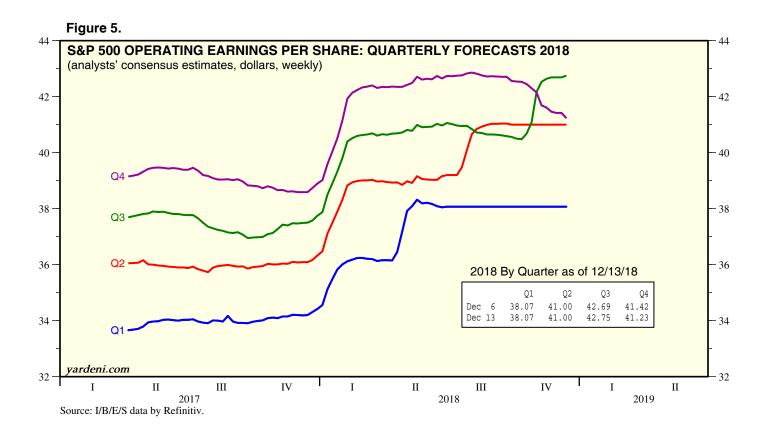


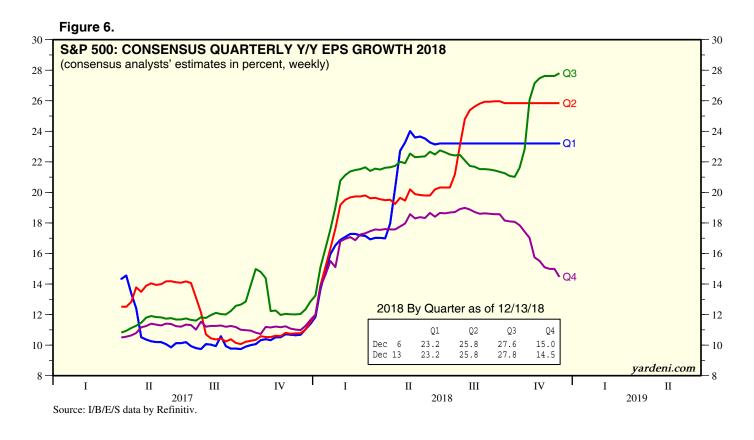
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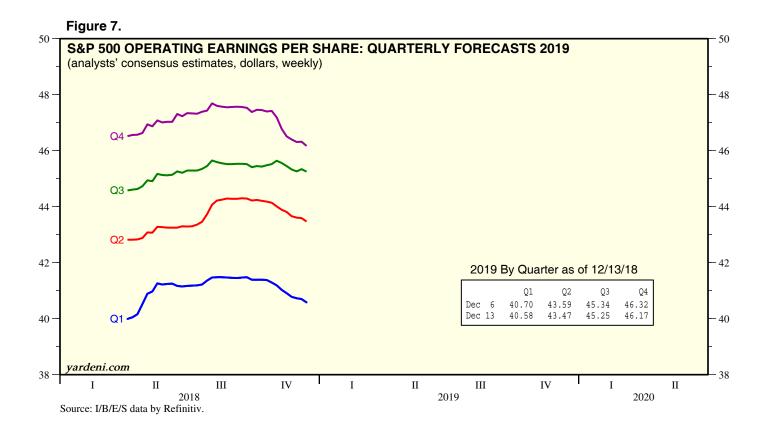


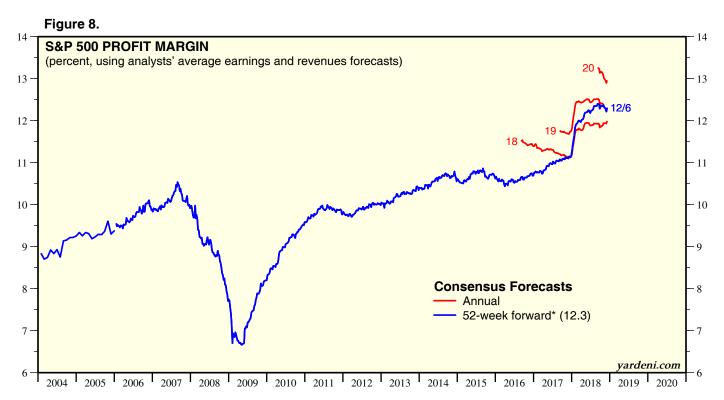


Source: I/B/E/S data by Refinitiv.

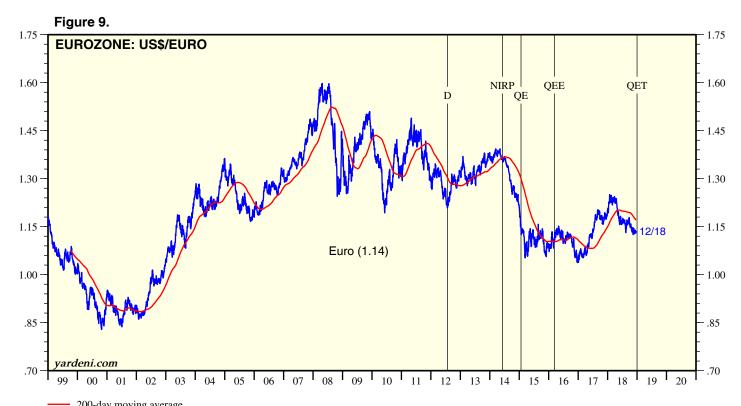




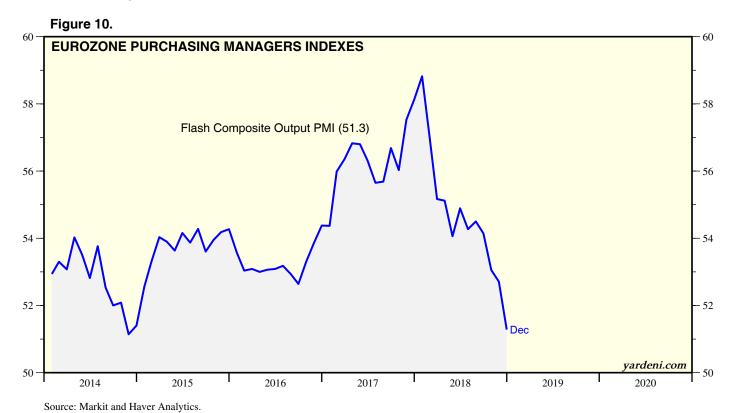


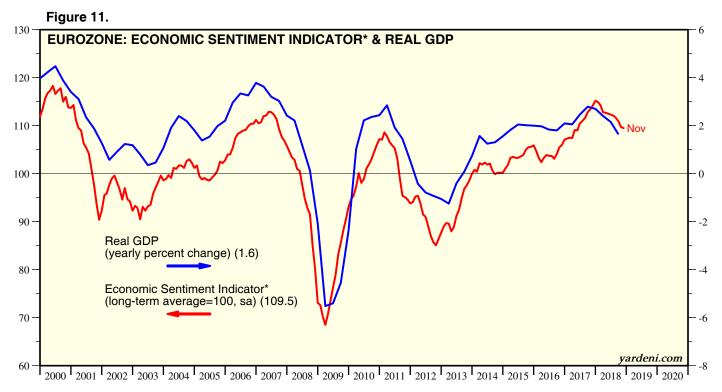


^{*} Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.



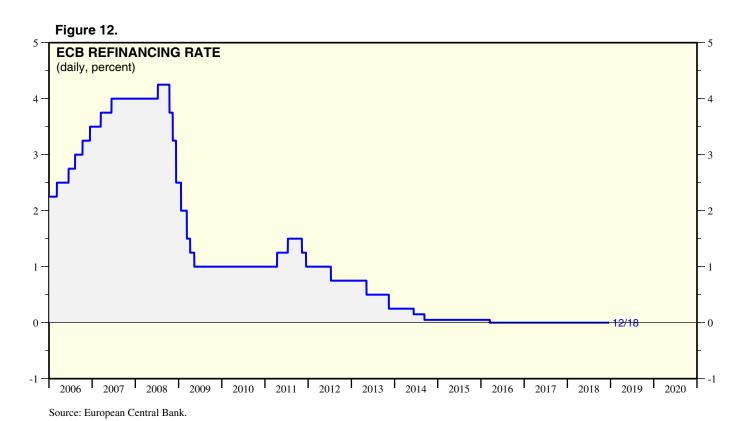
200-day moving average
D = ECB President Mario Draghi pledged to do "whatever it takes" to defend the euro (7/26/12). NIRP = negative interest-rate policy (6/5/2014).
QE (1/22/15). QEE = expansion and extension of QE (3/10/16, corporate bond purchases started 6/1/16). QET = QE terminated (12/31/18).
Source: Haver Analytics.

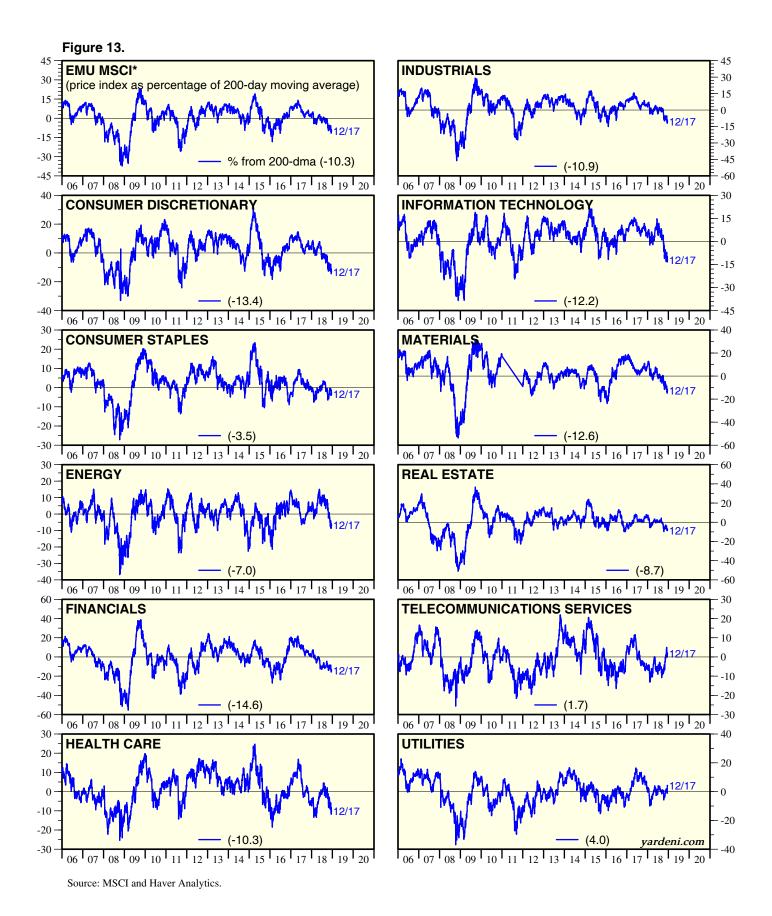


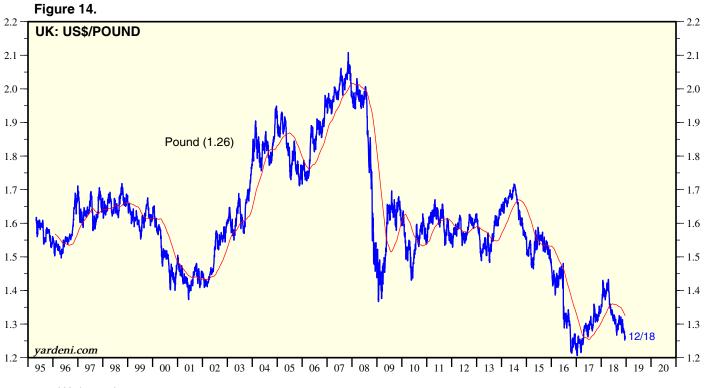


^{*} The overall economic sentiment indicator (ESI) is derived from the industrial (weight 40%), service (30%), consumer (20%), construction (5%), and retail trade (5%) confidence indicators.

Source: Statistical Office of the European Communities, European Commission, and Haver Analytics.







200-day moving average Source: Haver Analytics.



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