## **Chart Collection for Morning Briefing**

Yardeni Research, Inc.

June 12, 2018

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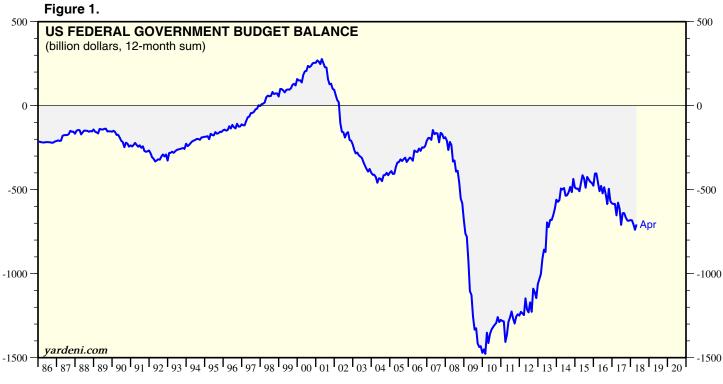
## Mali Quintana

480-664-1333 aquintana@yardeni.com

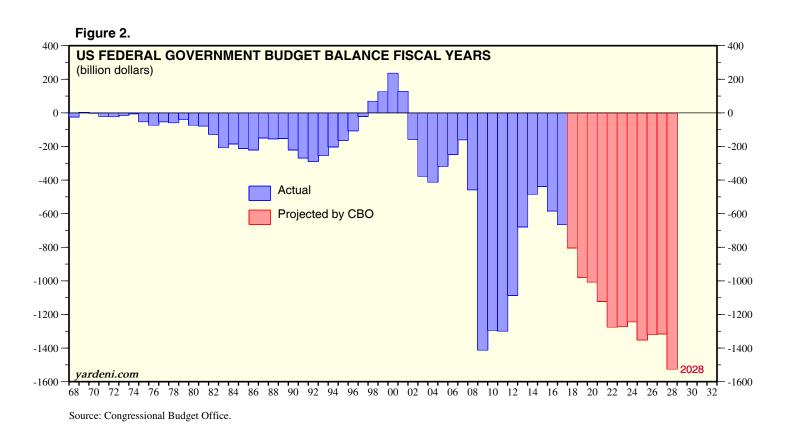
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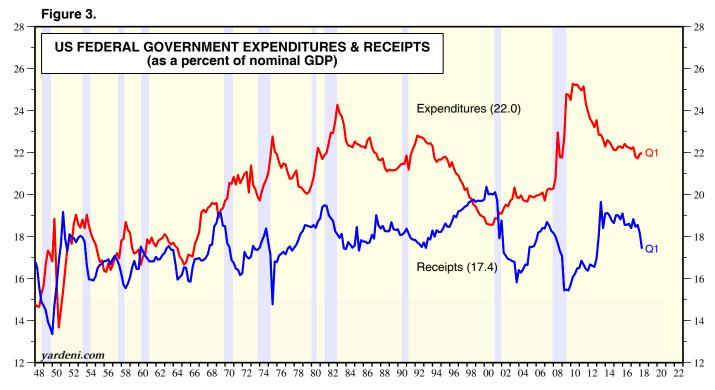


thinking outside the box

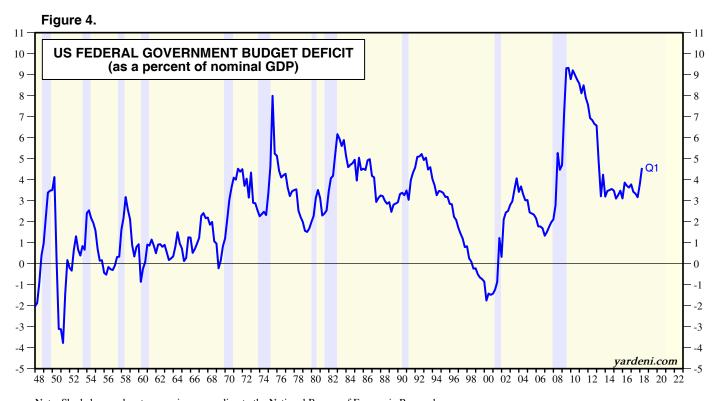


Source: US Treasury Department.

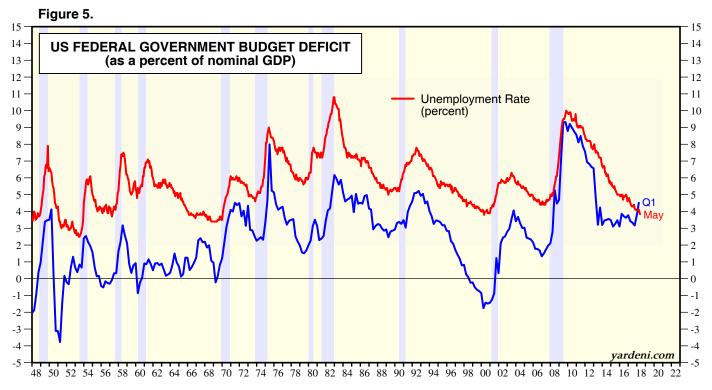




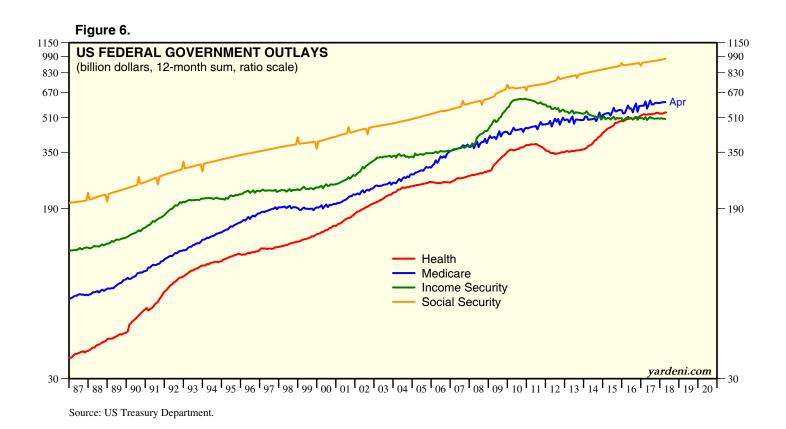
Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Source: US Department of Commerce, Bureau of Economic Analysis.

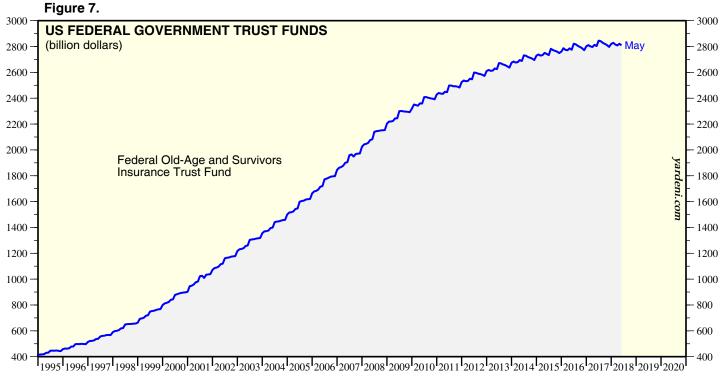


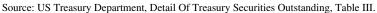
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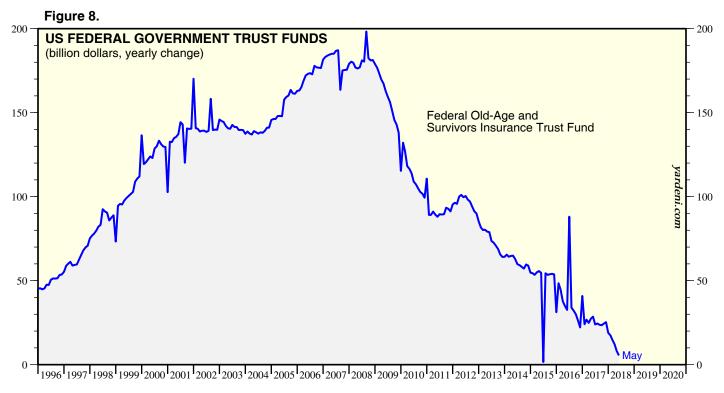


Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Source: Bureau of Economic Analysis.

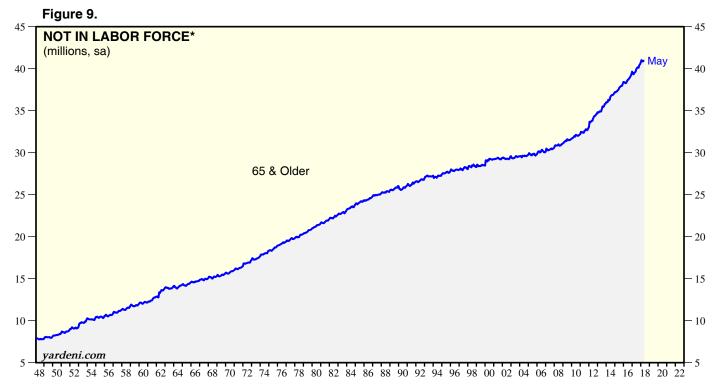




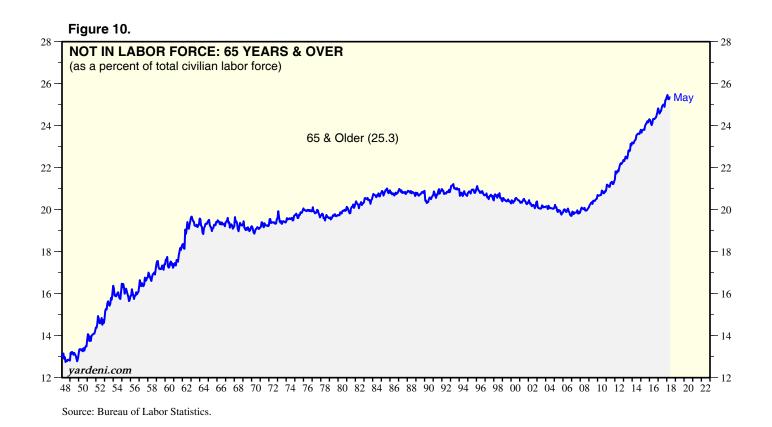


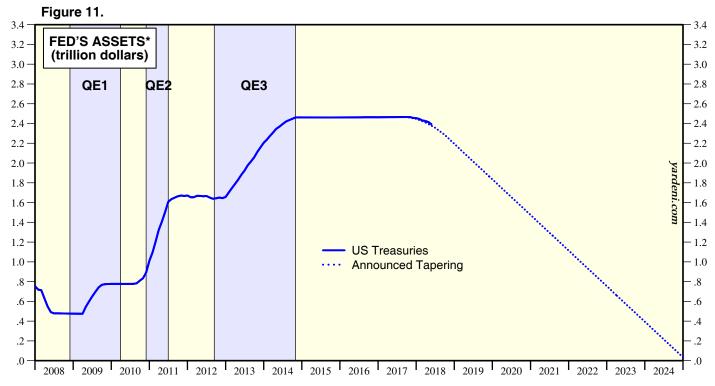


Source: US Treasury Department, Detail Of Treasury Securities Outstanding, Table III.



<sup>\*</sup> Working-age population data is not seasonally adjusted. Source: Bureau of Labor Statistics.



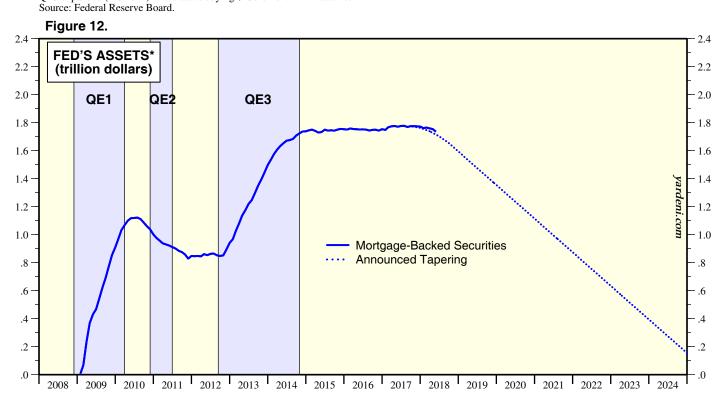


Average of daily figures for weeks ending Wednesday.

Note: QE1 (11/25/08) = Fed starts buying \$1.24tn in mortgage securities. QE1 expanded (3/16/2009) = Fed starts buying \$300bn in Treasuries.

QE2 (11/3/10) = Fed starts buying \$600bn in Treasuries. QE3 (9/13/12) = Fed starts buying \$40bn/month in mortgage securities (open ended).

QE3 expanded (12/12/12) = Fed starts buying \$45bn/month in Treasuries.



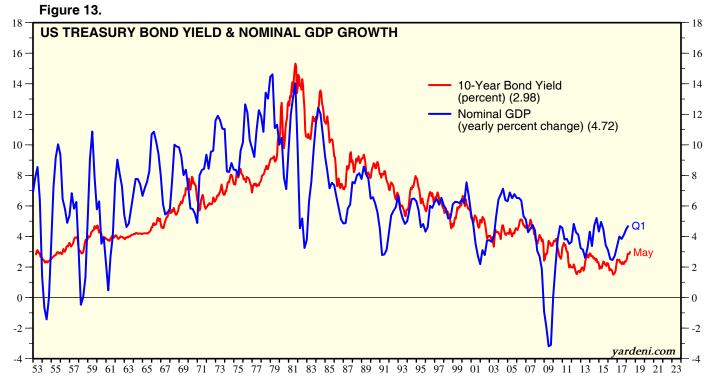
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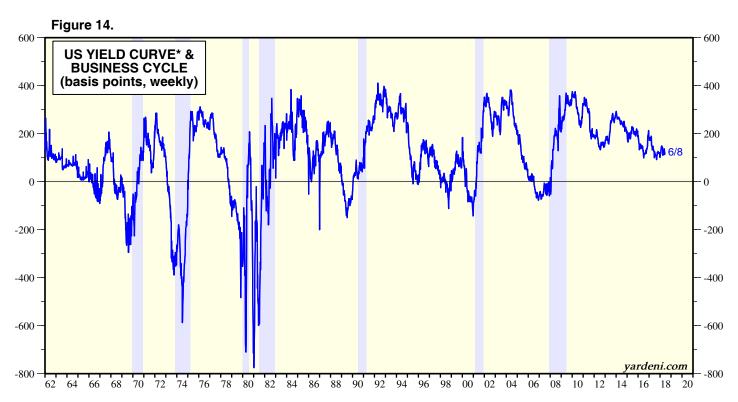
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QE3 expanded (12/12/12) = Fed starts buying \$45bn/month in Treasuries.

Source: Federal Reserve Board.



Source: Bureau of Economic Analysis and Federal Reserve Board.



<sup>10-</sup>year US Treasury yield less federal funds rate.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Board.

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