Chart Collection for Morning Briefing

Yardeni Research, Inc.

September 18, 2018

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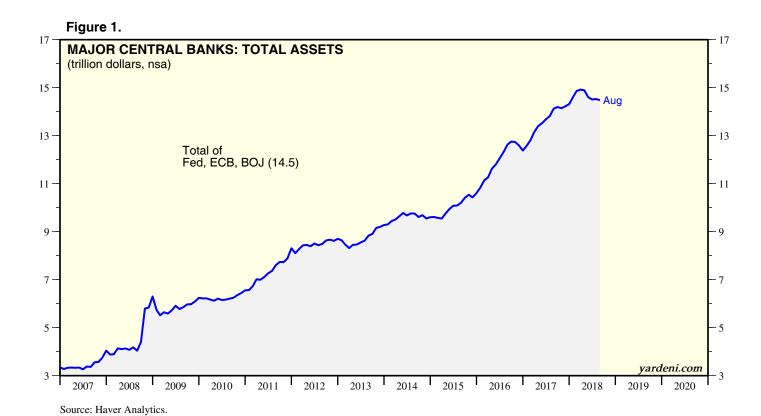
Mali Quintana

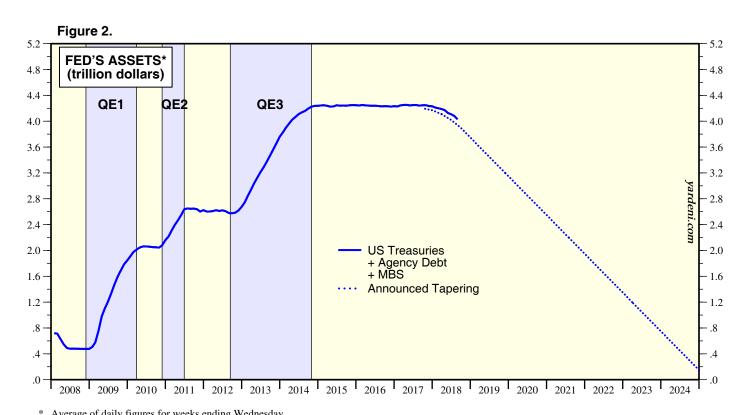
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thinking outside the box





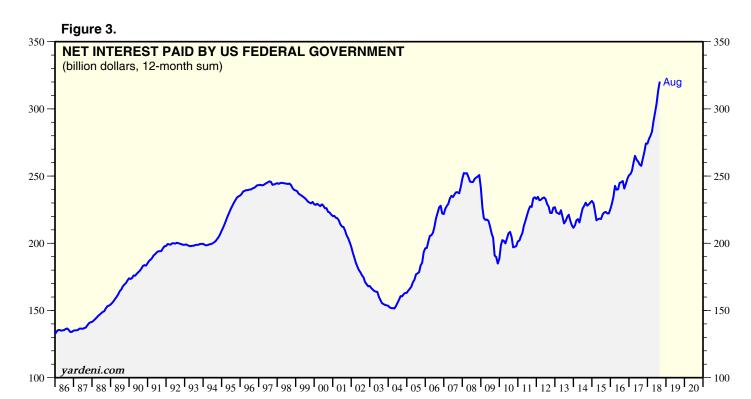
^{*} Average of daily figures for weeks ending Wednesday.

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

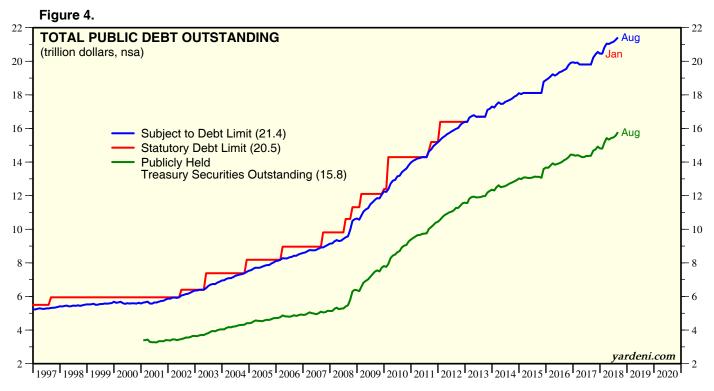
QE2 (11/3/10) = Fed starts buying \$600bn in Treasuries. QE3 (9/13/12) = Fed starts buying \$40bn/month in mortgage securities (open ended).

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

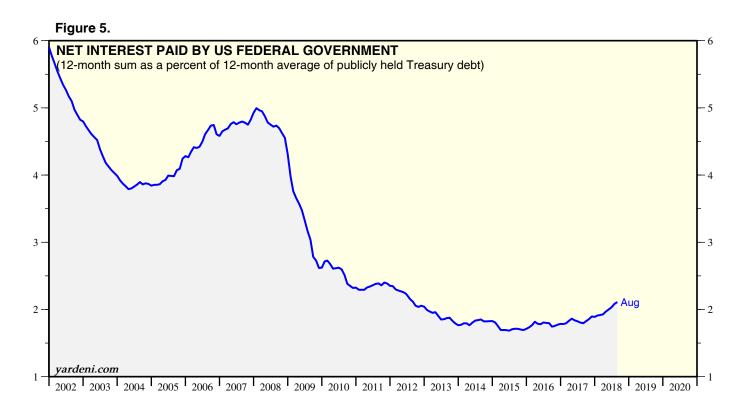
Source: Federal Reserve Board.



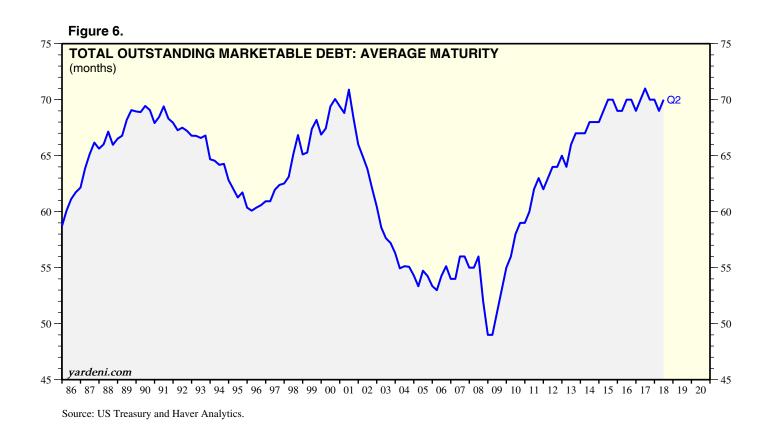
Source: US Treasury Department.

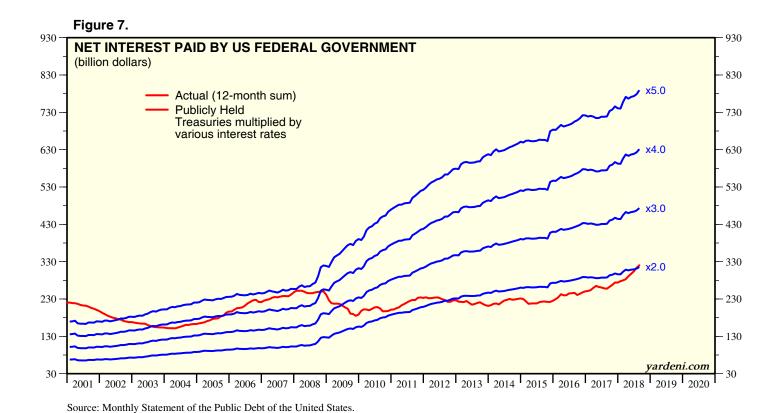


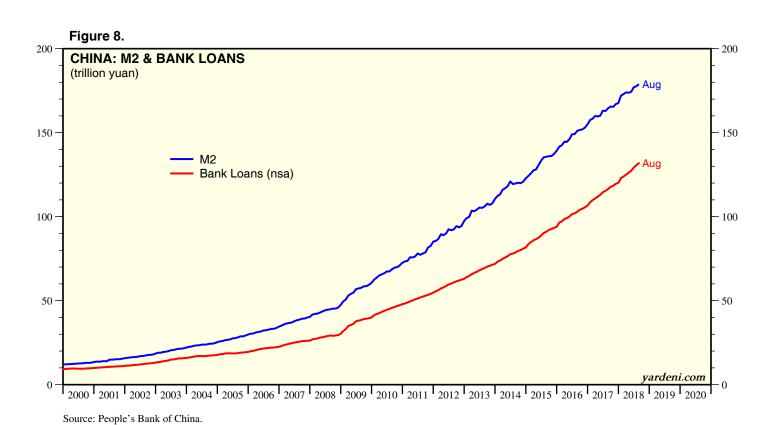
Source: Monthly Statement of the Public Debt of the United States.

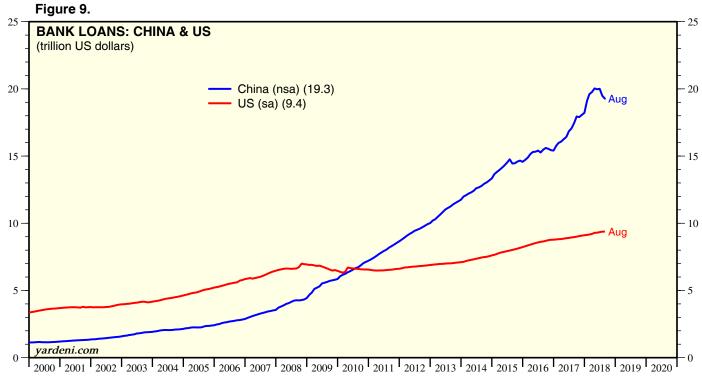


Source: US Treasury Department and Monthly Statment of the Public Debt of the United States.

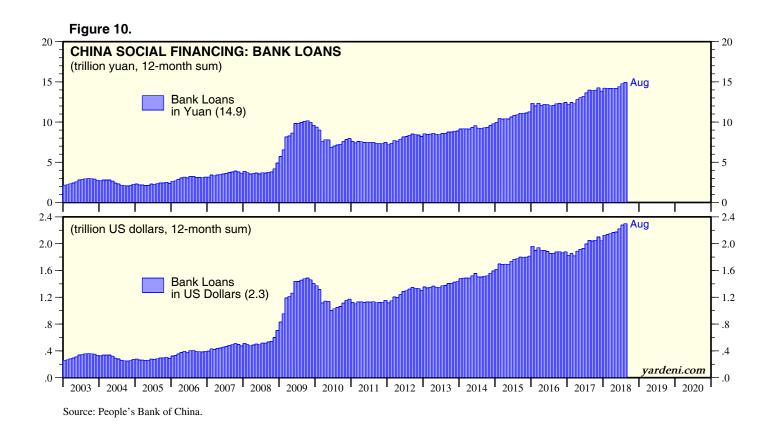


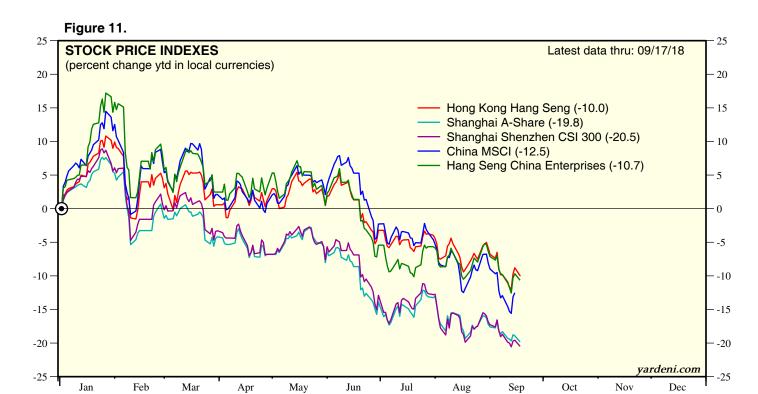




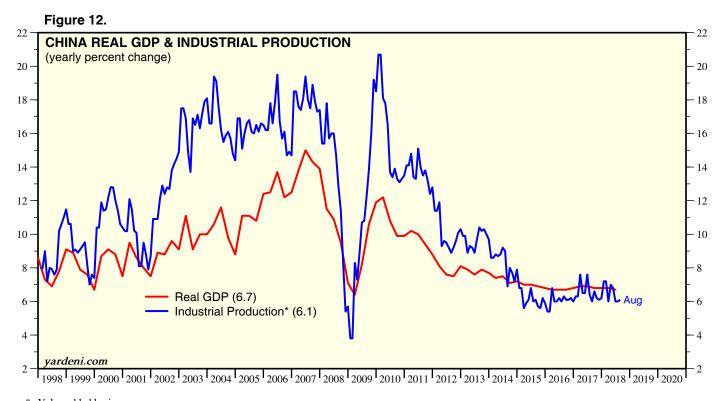


Source: People's Bank of China.

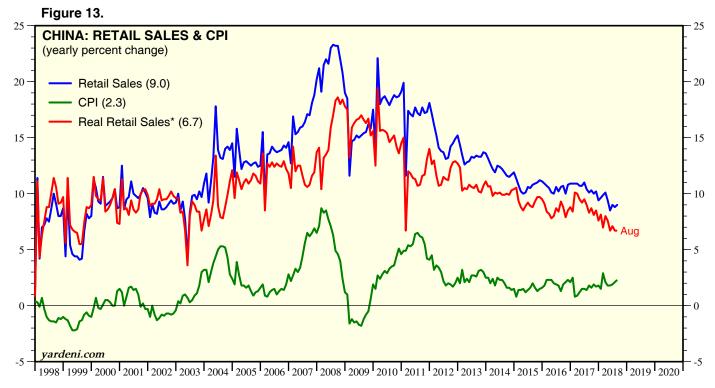




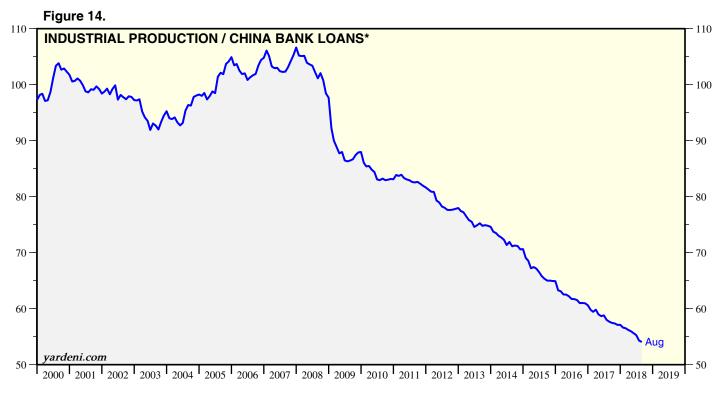
2018 Source: Morgan Stanley Capital International, Shanghai Stock Exchange, and Hang Seng Indexes Companies.



Value added basis.Source: Haver Analytics.



^{*} Growth rate in retail sales minus growth rate in CPI. Source: China National Bureau of Statistics.



^{*} In yuan. Source: People's Bank of China.

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