Chart Collection for Morning Briefing

Yardeni Research, Inc.

December 13, 2017

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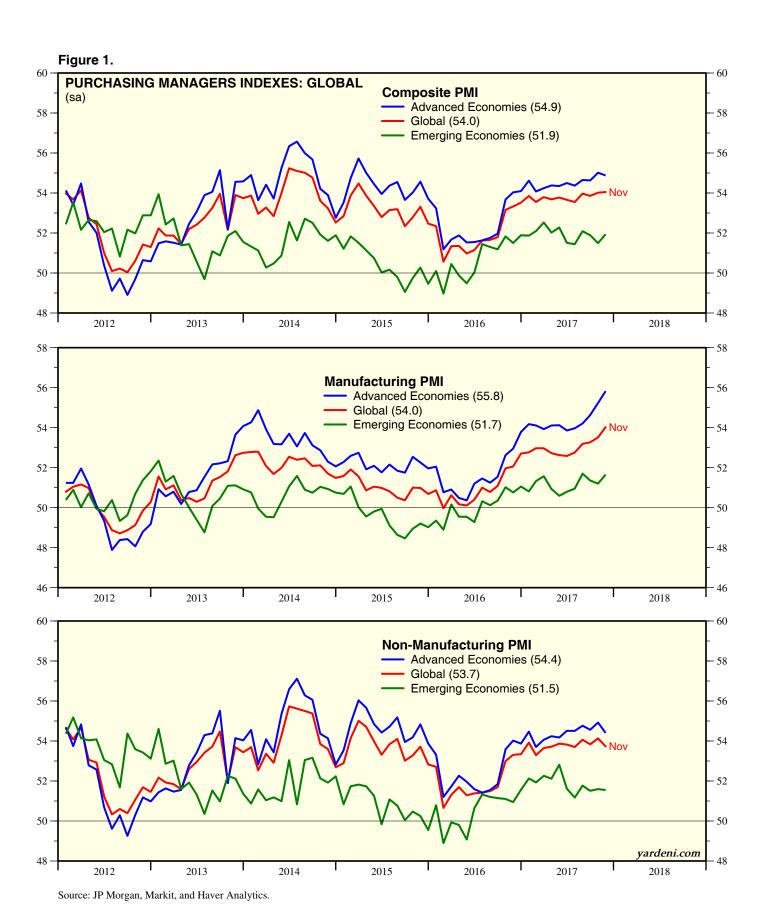
Mali Quintana

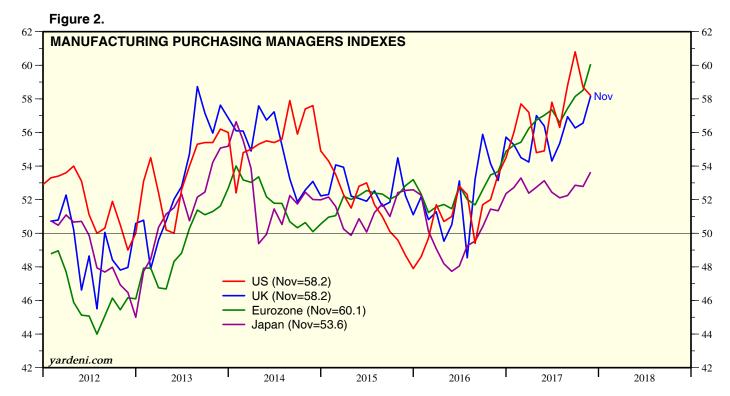
480-664-1333 aquintana@yardeni.com

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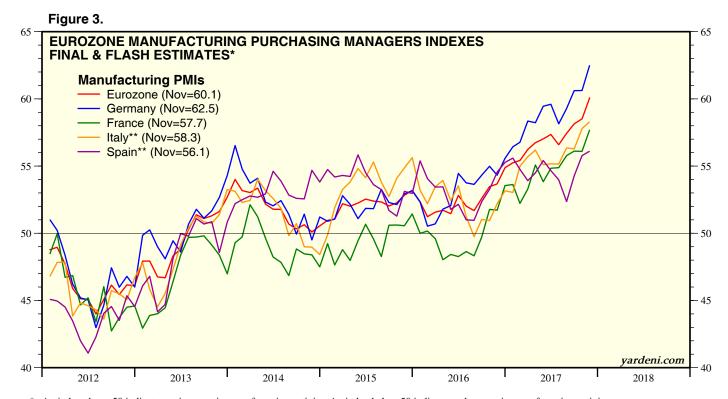


thinking outside the box

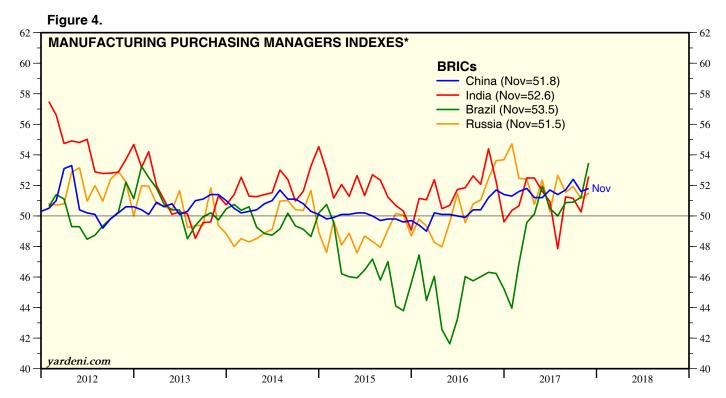




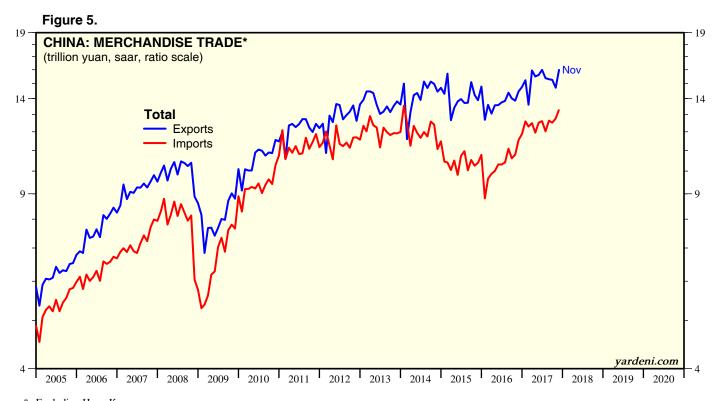
^{*} An index above 50 indicates an increase in manufacturing activity. An index below 50 indicates a decrease in manufacturing activity. Source: Institute for Supply Management, CIPS, Markit, and Haver Analytics.

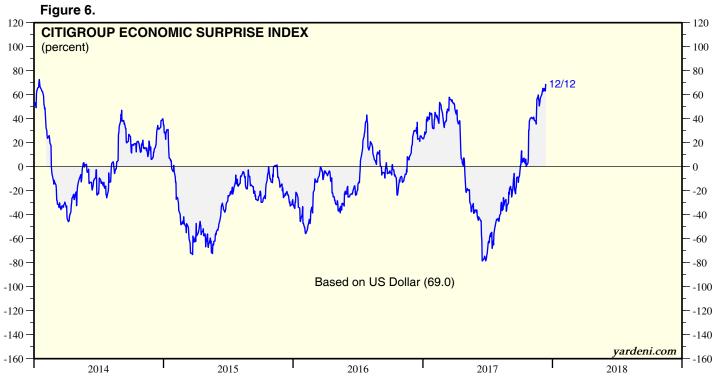


^{*} An index above 50 indicates an increase in manufacturing activity. An index below 50 indicates a decrease in manufacturing activity. ** Flash estimates not available for Italy and Spain. Source: HSBC, Markit, and Haver Analytics.

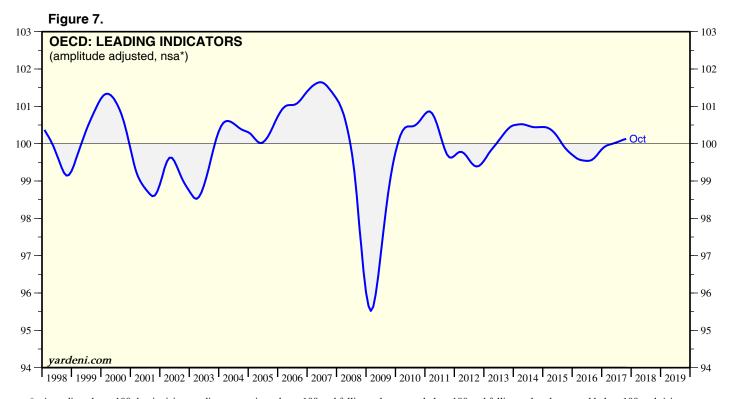


^{*} An index above 50 indicates an increase in manufacturing activity. An index below 50 indicates a decrease in manufacturing activity. Source: HSBC, Markit, and Haver Analytics.



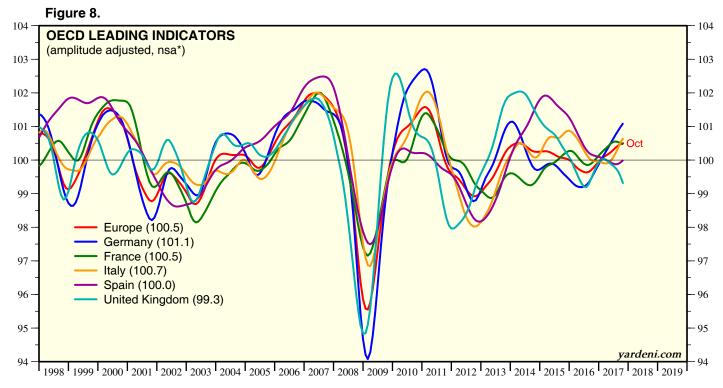






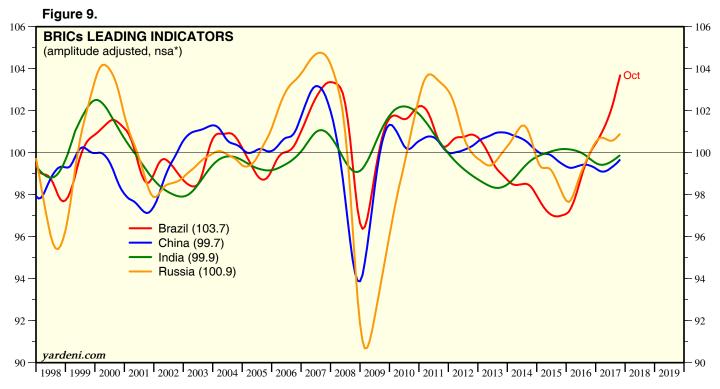
^{*} A reading above 100 that is rising predicts expansion, above 100 and falling a downturn, below 100 and falling a slowdown, and below 100 and rising a recovery.

Source: Haver Analytics.



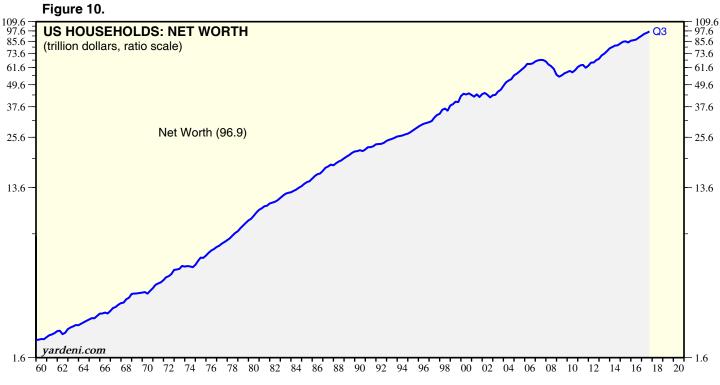
* A reading above 100 that is rising predicts expansion, above 100 and falling a downturn, below 100 and falling a slowdown, and below 100 and rising a recovery.

Source: OECD and Haver Analytics.

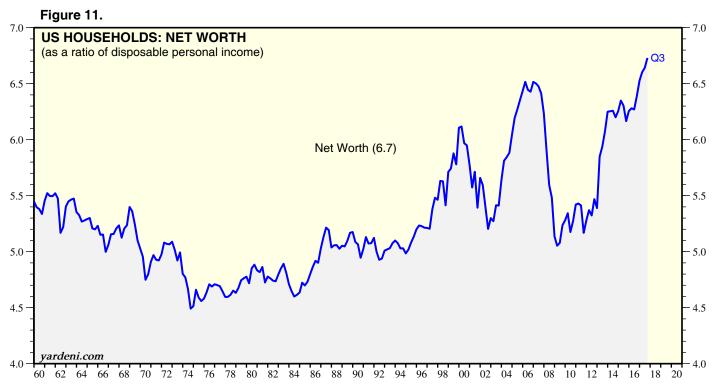


^{*} A reading above 100 that is rising predicts expansion, above 100 and falling a downturn, below 100 and falling a slowdown, and below 100 and rising a recovery.

Source: OECD and Haver Analytics.

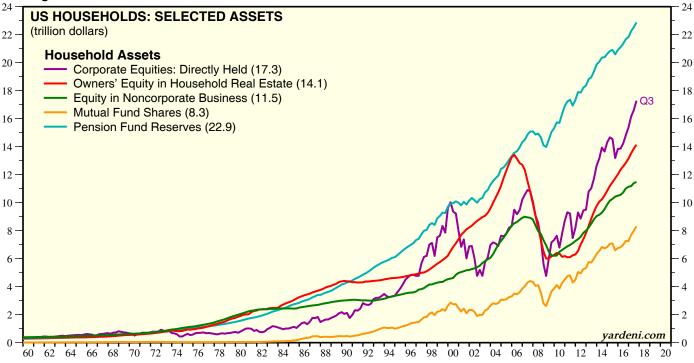


Source: Federal Reserve Board Financial Accounts of the United States.



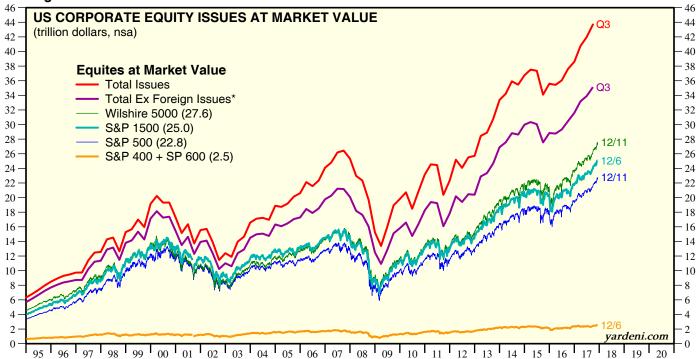
Source: Federal Reserve Board Financial Accounts of the United States and Bureau of Economic Analysis.





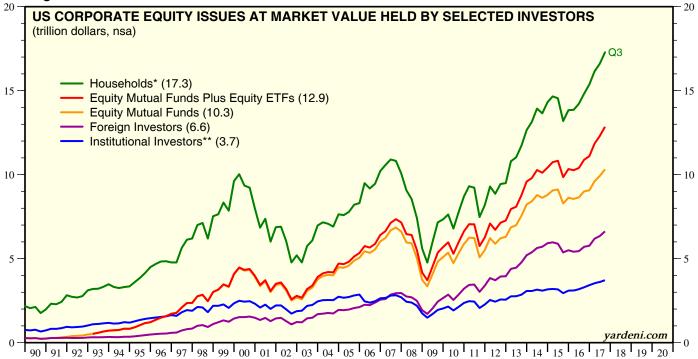
Source: Federal Reserve Board Financial Accounts of the United States.





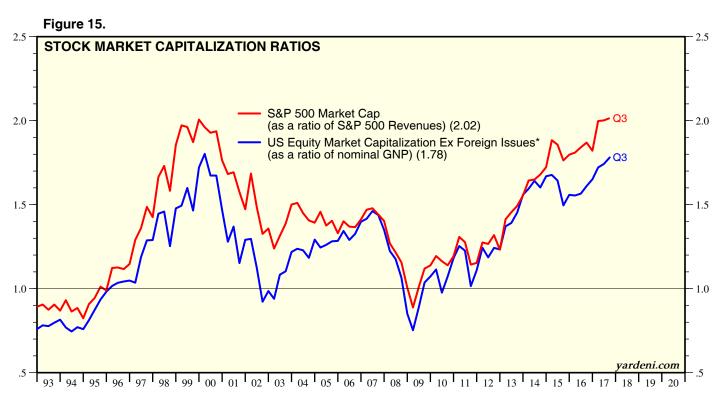
^{*} Excludes holdings by US residents of foreign corporate equities, investment fund shares, and ADRs. Source: Federal Reserve Board and Standard & Poor's.

Figure 14.



* Includes not only households, but also nonprofit organizations, as well as domestic hedge funds, private equity funds, and personal trusts.

** Includes property-casualty insurance companies, life insurance companies, private pension funds, and federal government retirement funds. Source: Federal Reserve Board Financial Accounts of the United States.



^{*} Total excluding market value of holdings of foreign corporate equities, investment fund shares, and American Depositary Receipts (ADRs) by US residents. Source: Federal Reserve Board, Flow of Funds Accounts, Bureau of Economic Analysis, and Standard & Poor's.

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