## **Chart Collection for Morning Briefing**

Yardeni Research, Inc.

October 28, 2019

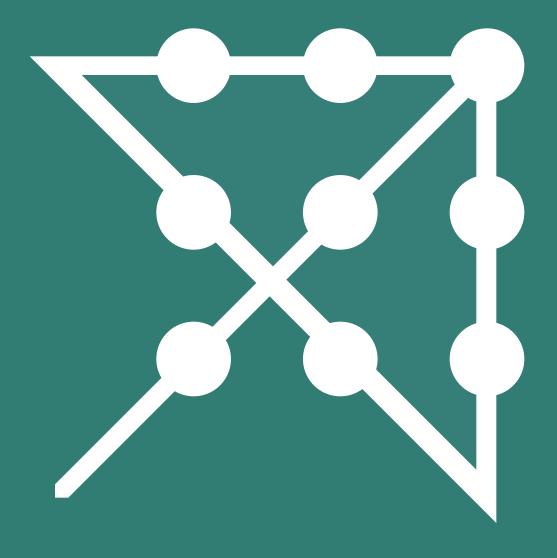
## Dr. Edward Yardeni

516-972-7683 eyardeni@yardeni.com

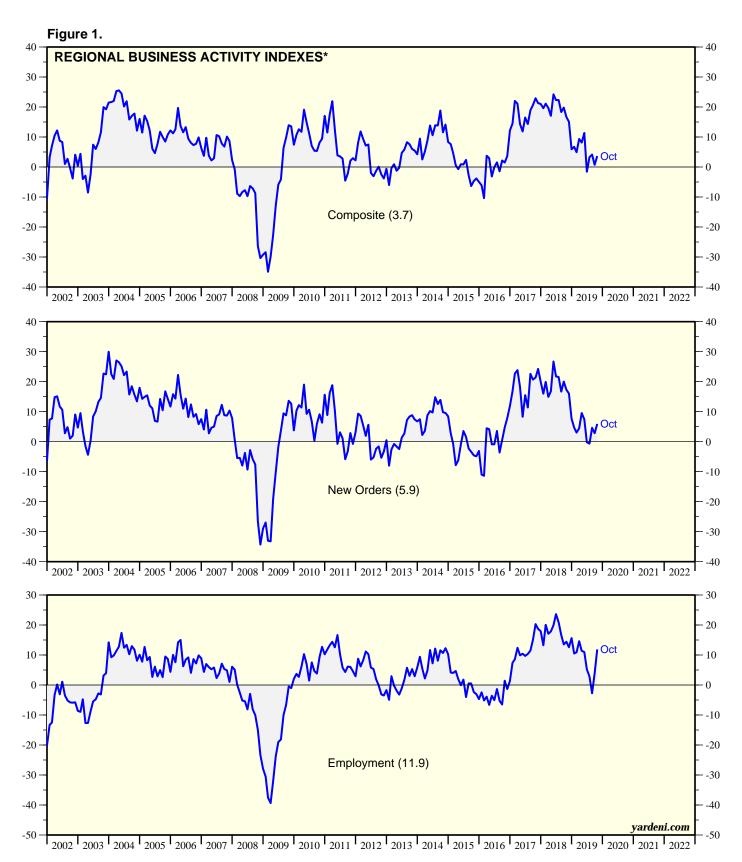
## Mali Quintana

480-664-1333 aquintana@yardeni.com

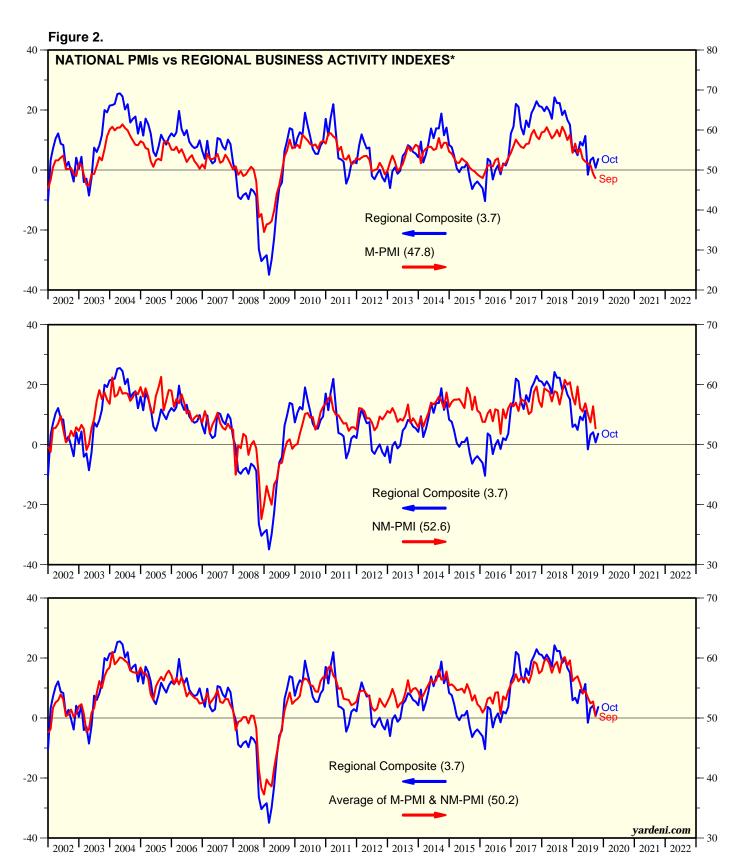
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thinking outside the box

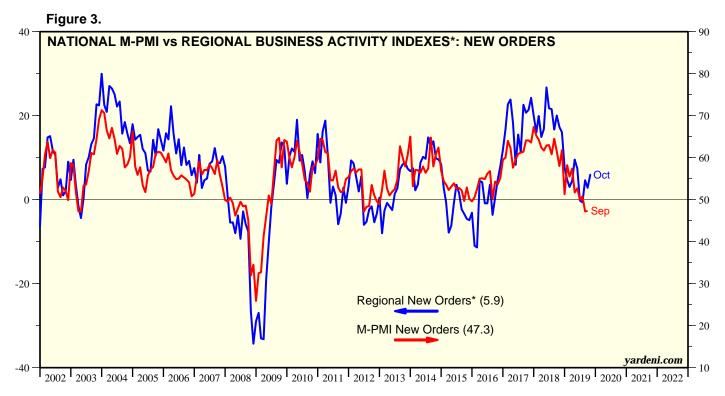


<sup>\*</sup>Average of New York, Kansas City, Richmond, and Philadelphia. Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

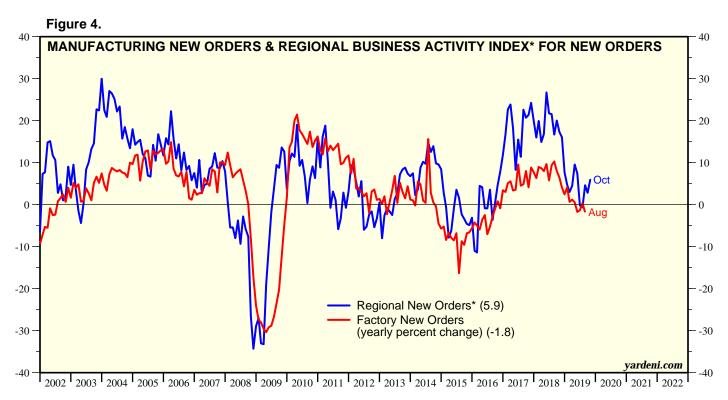


<sup>\*</sup> Average of New York, Kansas City, Richmond, and Philadelphia.

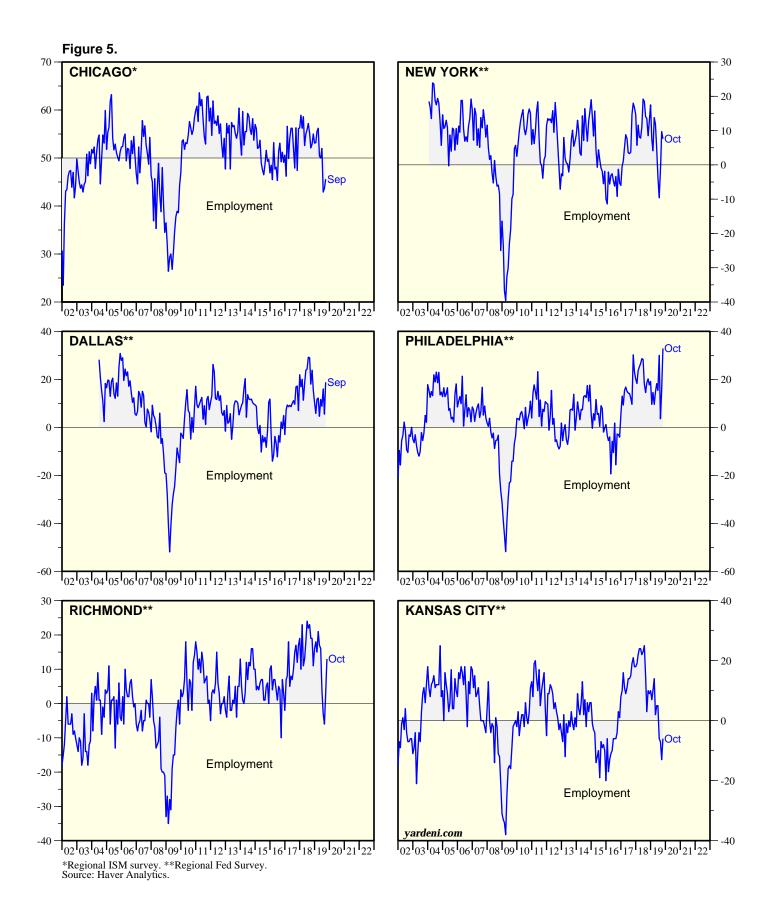
Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

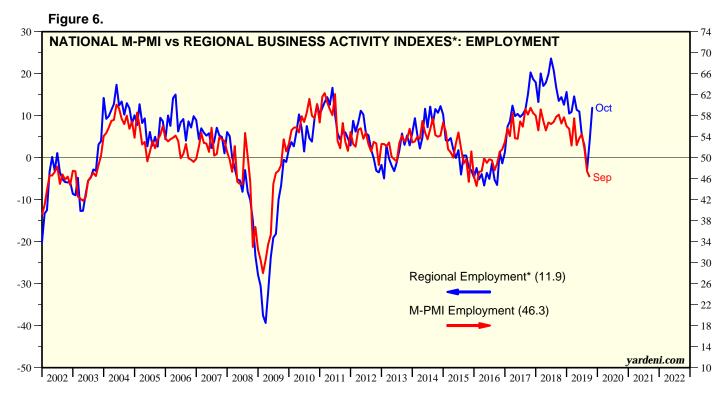


<sup>\*</sup> Average of New York, Kansas City, Richmond, and Philadelphia. Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

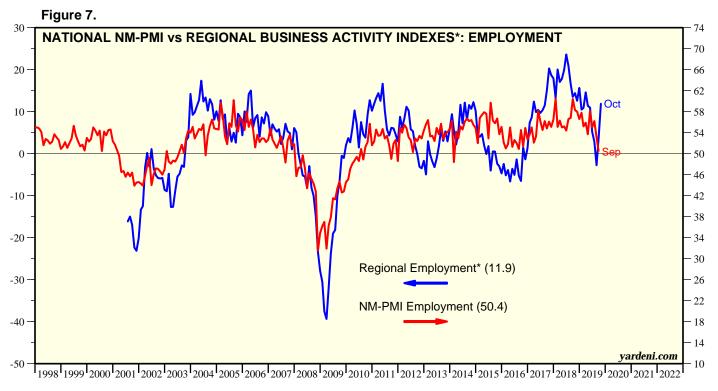


<sup>\*</sup> Average of New York, Kansas City, Richmond, and Philidelphia.Source: Census Bureau, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

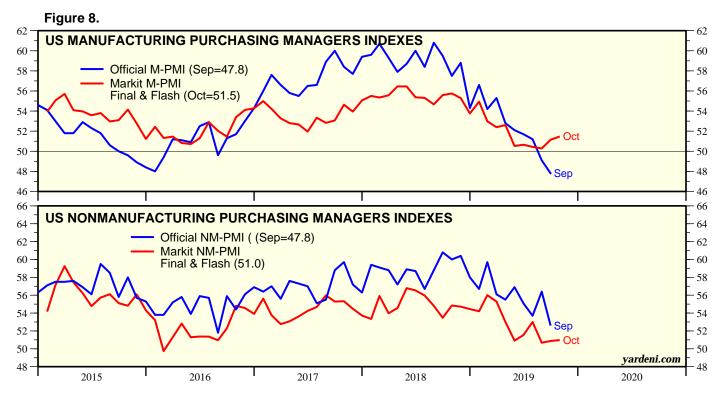




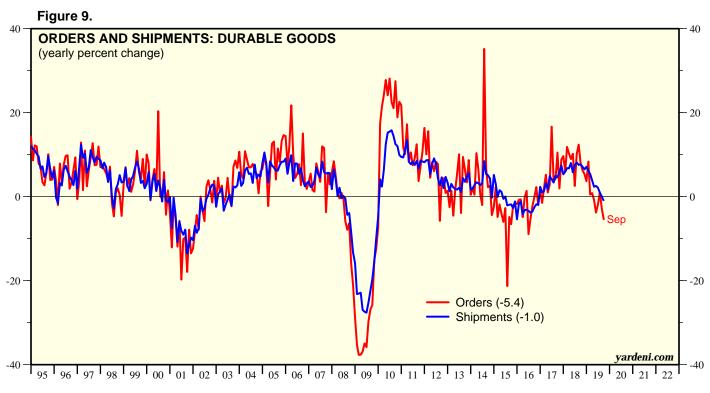
Average of New York, Kansas City, Richmond, and Philadelphia.
Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.



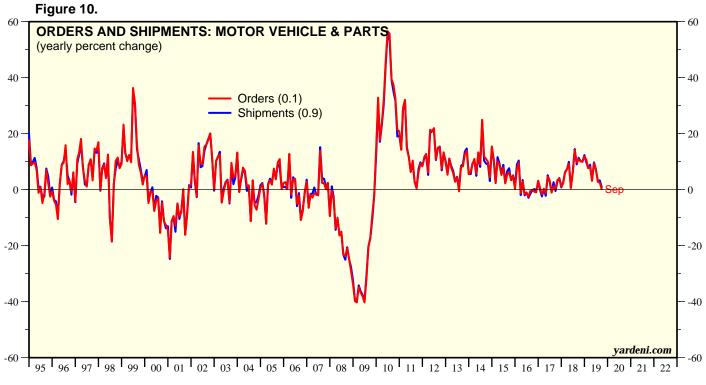
<sup>\*</sup> Average of New York, Kansas City, Richmond, and Philadelphia. Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.



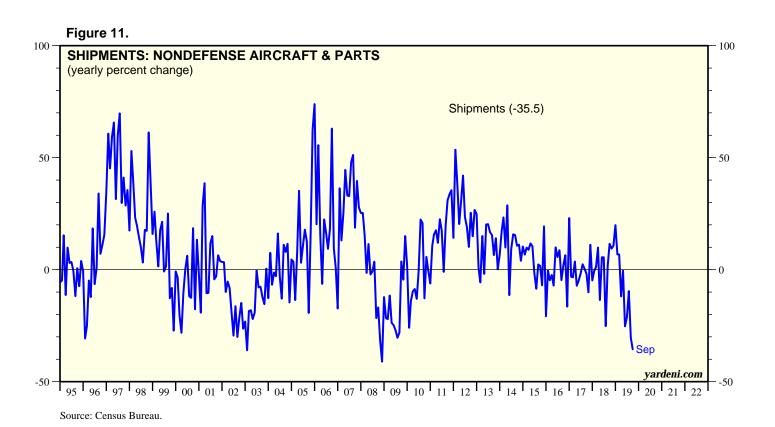
Source: Markit and Institute for Supply Management.

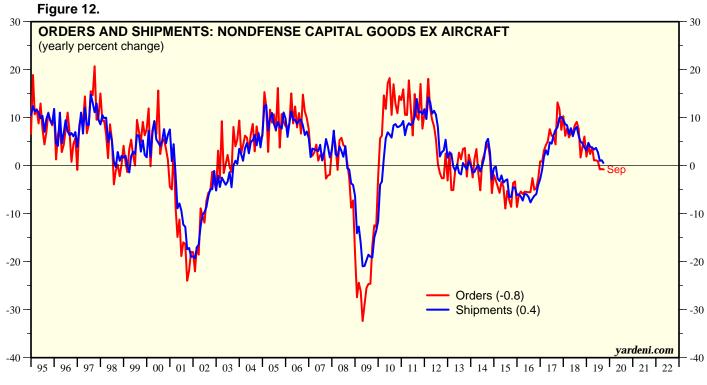


Source: Census Bureau.

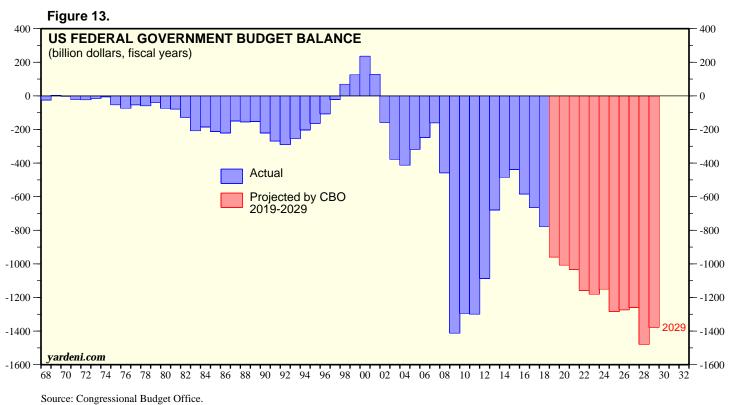


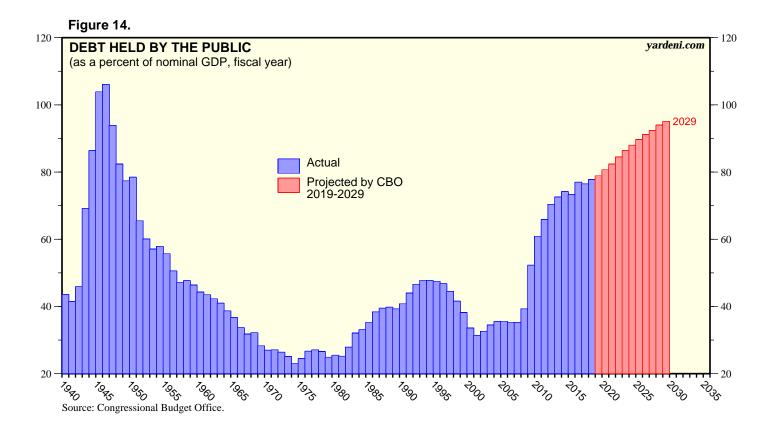
Source: Census Bureau.

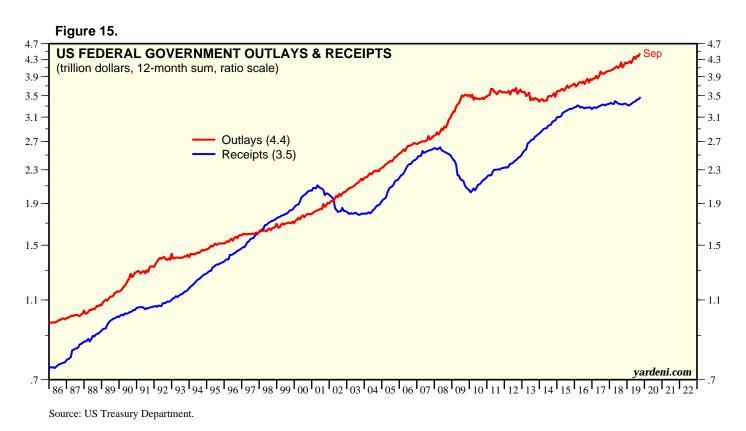


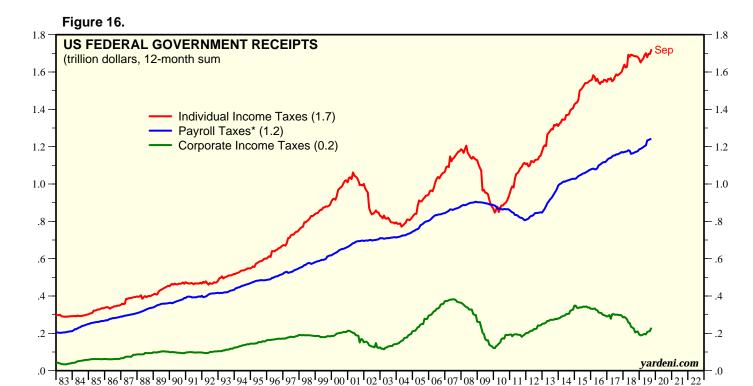


Source: Census Bureau.

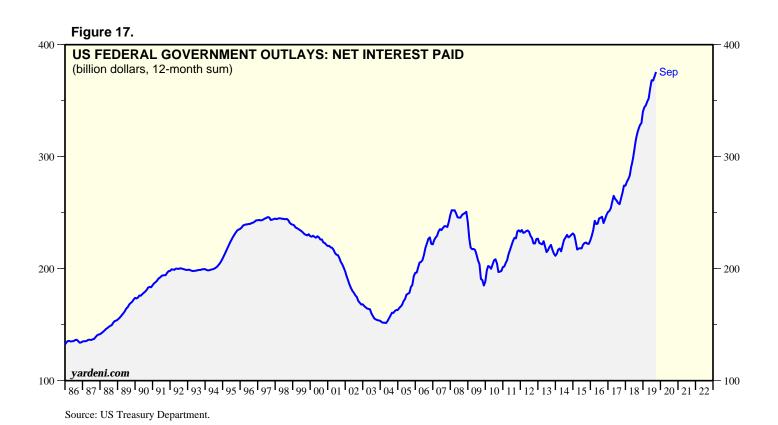




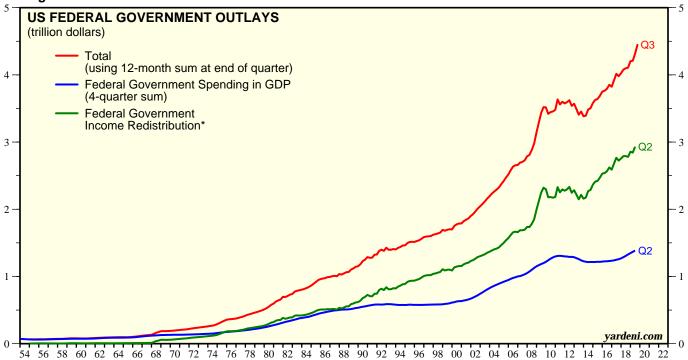




<sup>\*</sup> Employment and general retirement, unemployment insurance, and other retirement. Source: US Treasury Department.







<sup>\*</sup> Total federal government spending (using 12-month sum at end of quarter) minus federal government spending in GDP (using 4 quarter sum). Source: US Treasury Department and Bureau of Economic Analysis.

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