Chart Collection for Morning Briefing

Yardeni Research, Inc.

May 13, 2020

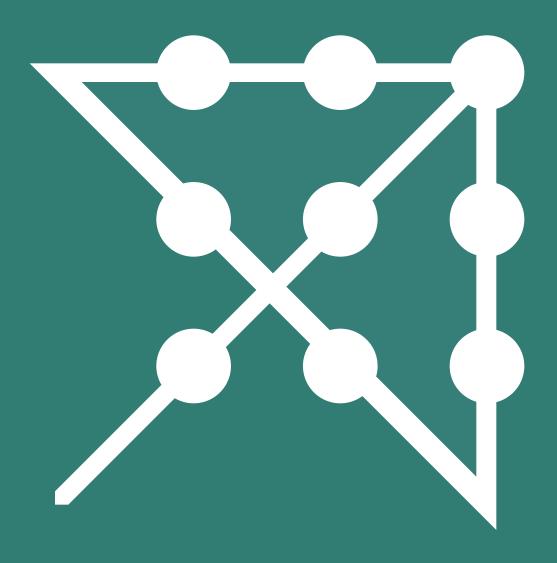
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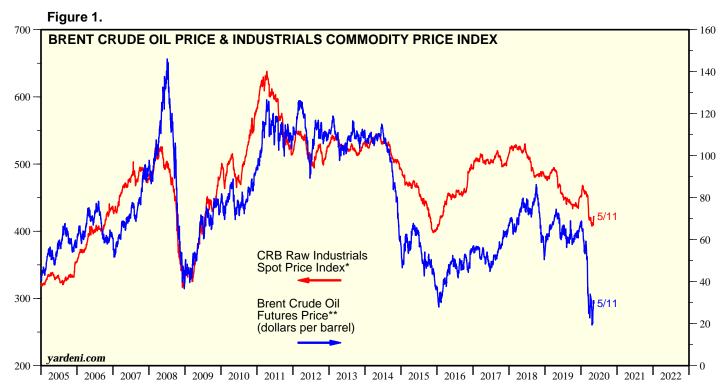
Mali Quintana

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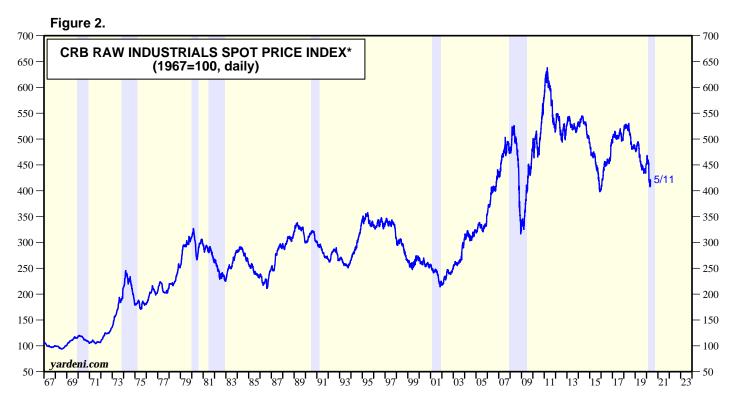


thinking outside the box

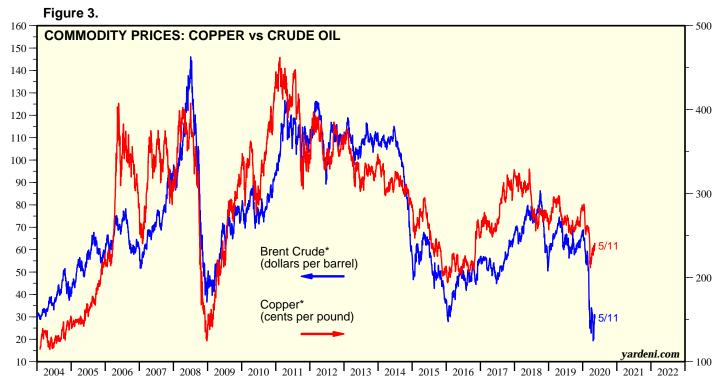


^{*} Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

Nearby futures price.
 Source: Commodity Research Bureau and Haver Analytics.



^{*} Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow. Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Weekly from 1962 to 1982, daily thereafter. Source: Commodity Research Bureau.

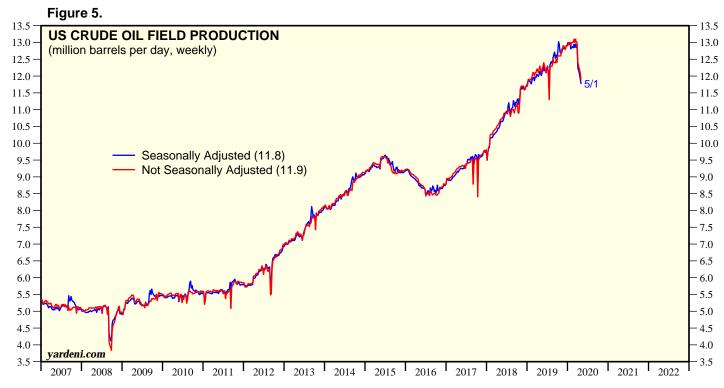


Nearby futures price.
 Source: Haver Analytics.

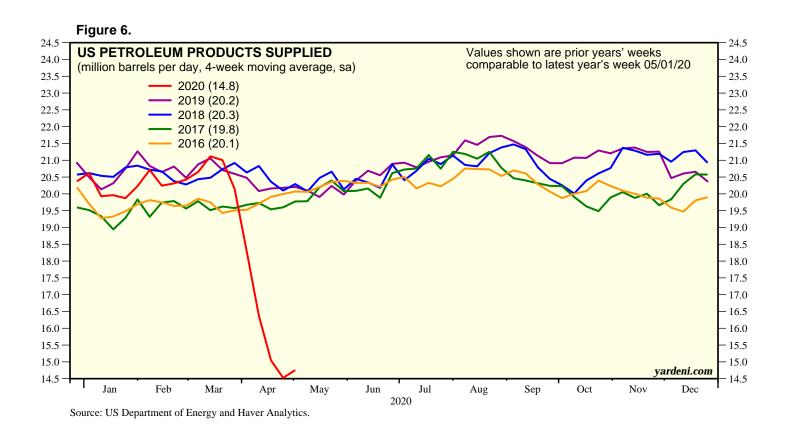


^{*} Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

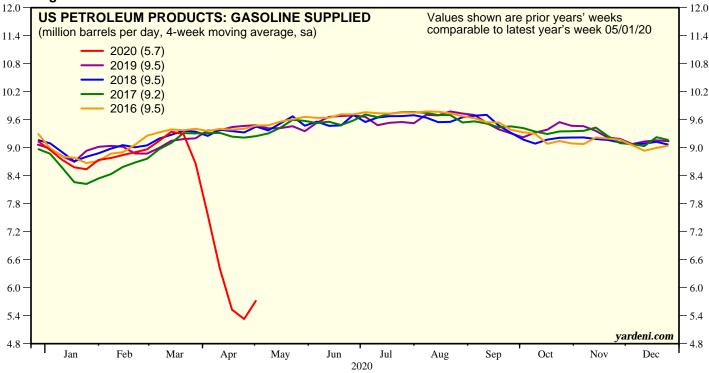
** Nearby futures contract.
Source: Commodity Research Bureau and Haver Analytics.



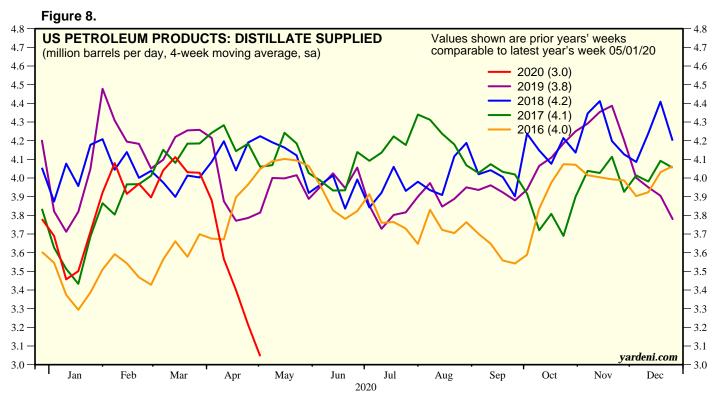
Source: US Department of Energy and Haver Analytics.



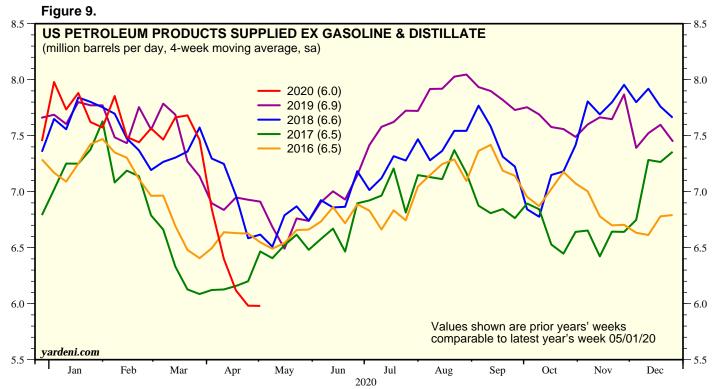




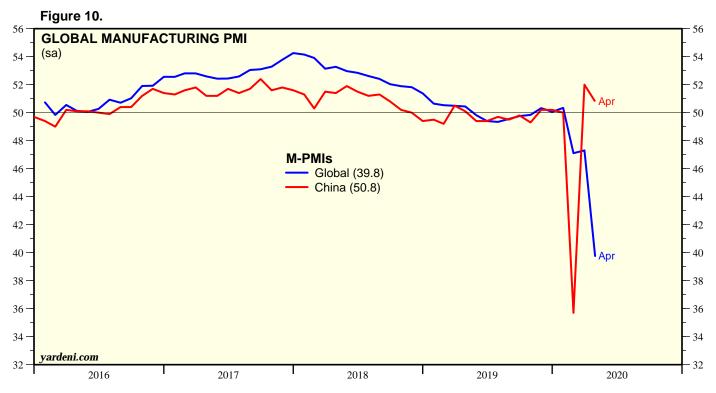
Source: US Department of Energy and Haver Analytics.



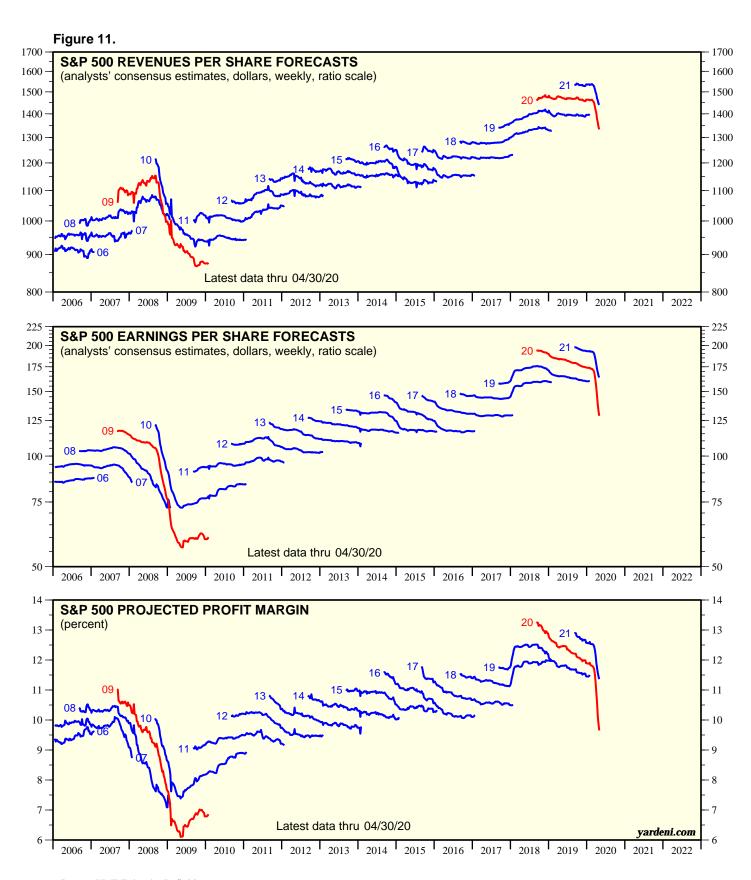
Source: US Department of Energy and Haver Analytics.



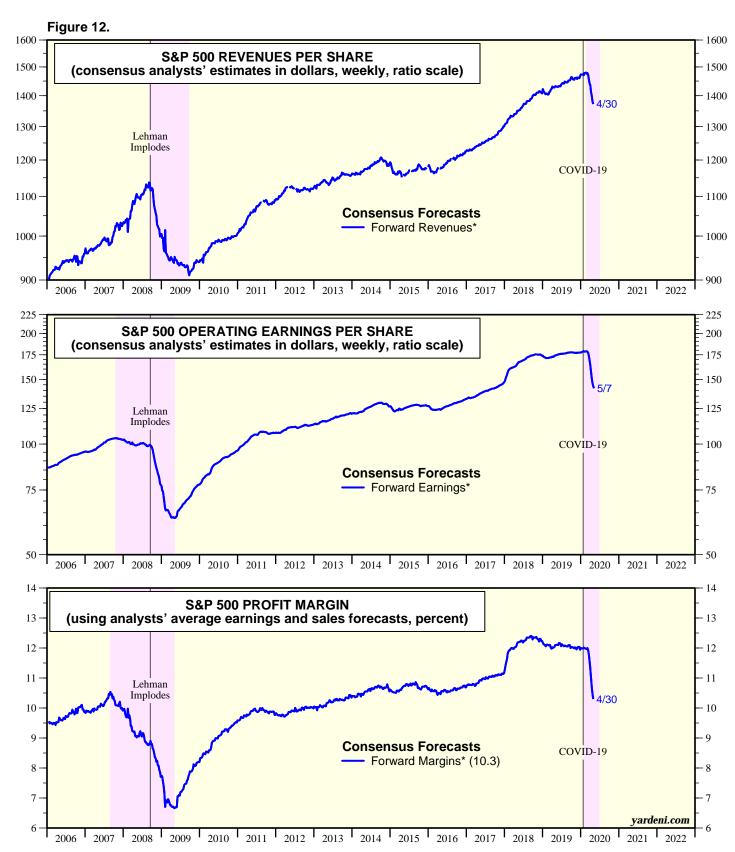




Source: J.P. Morgan, China Federation Logistics & Purchasing and Haver Analytics.



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



^{*} Time-weighted average of the consensus estimates for current and next year.

Note: Red shaded areas cover peaks through troughs in each series. Numbers above time lines show percentage declines. Source: I/B/E/S data by Refinitiv and Standard & Poor's.

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