

Analyst's Handbook: Materials

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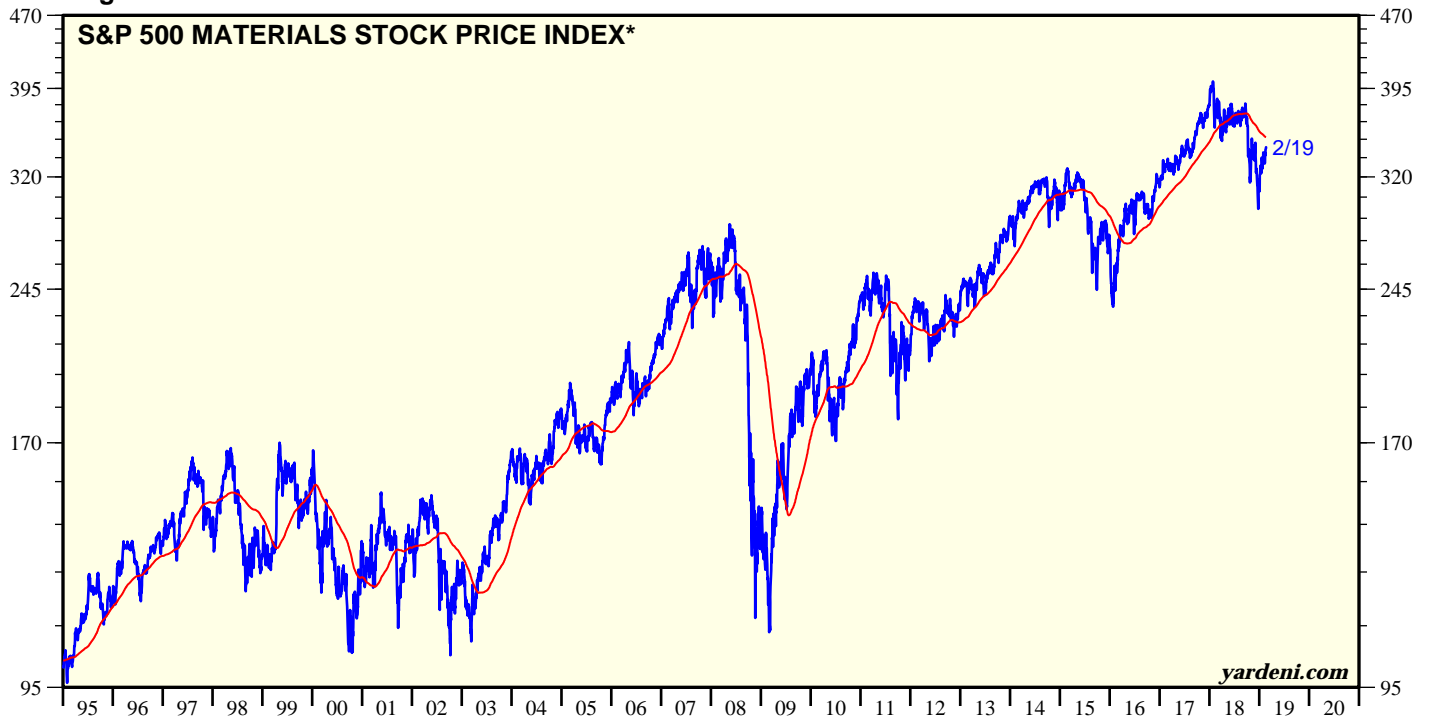
thinking outside the box

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S&P 500 Materials

Figure 1.

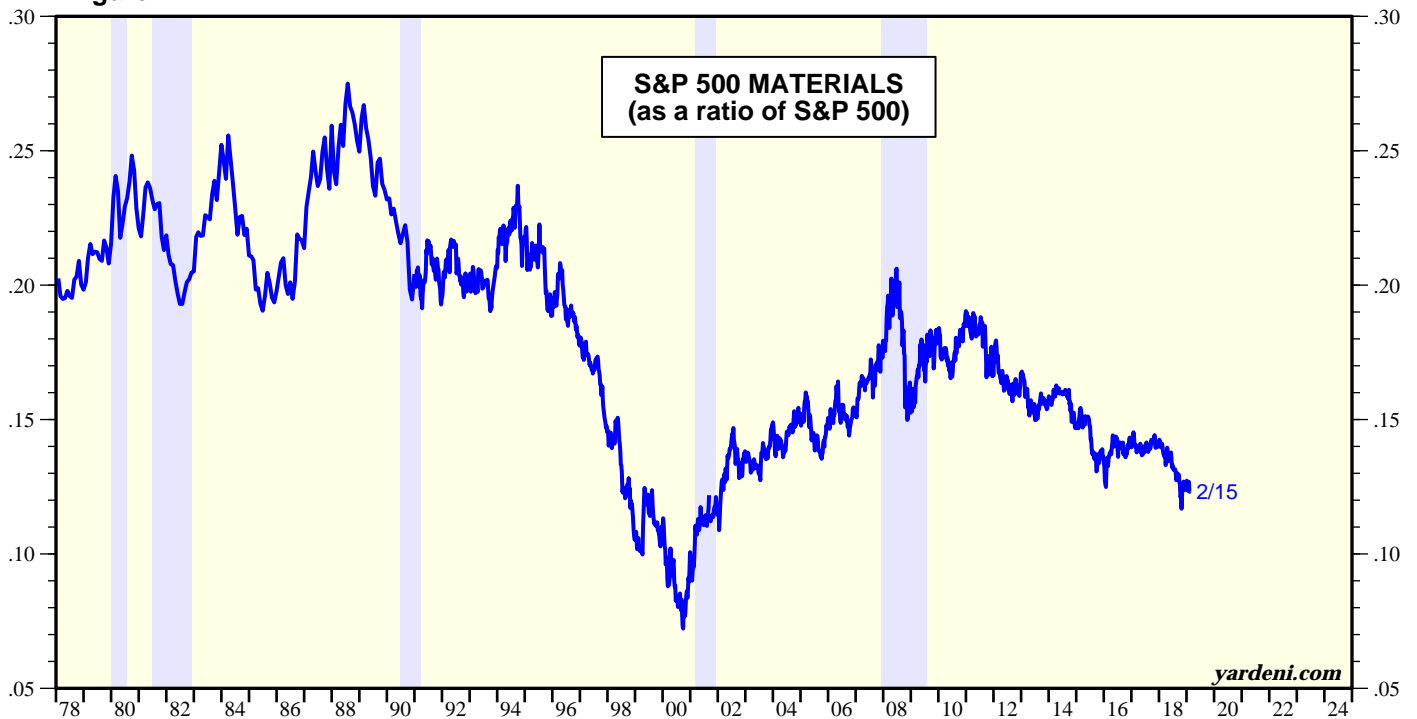


— 200-day moving average.

* Ratio scale.

Source: Standard & Poor's and Haver Analytics.

Figure 2.

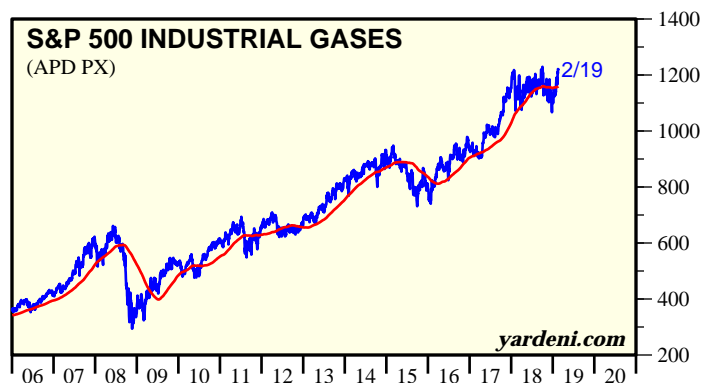
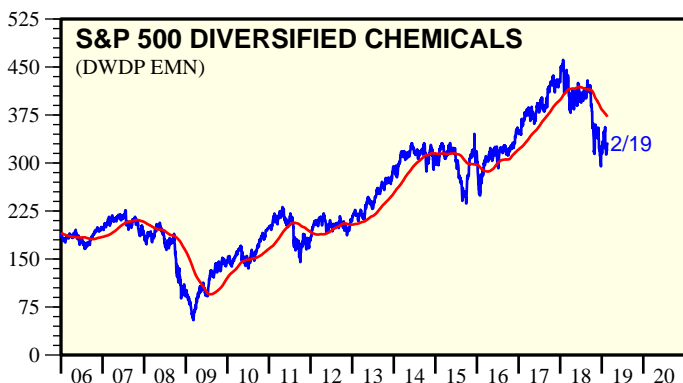
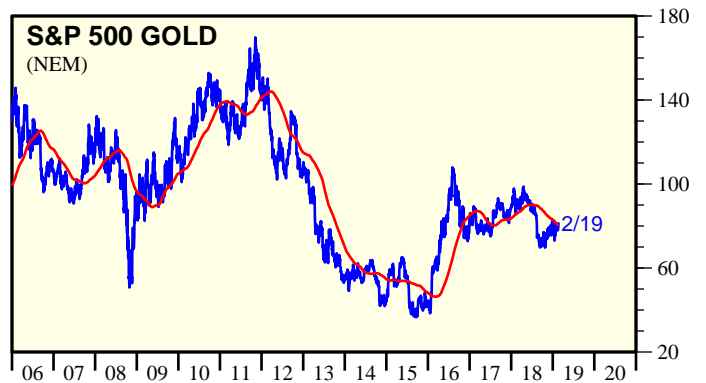
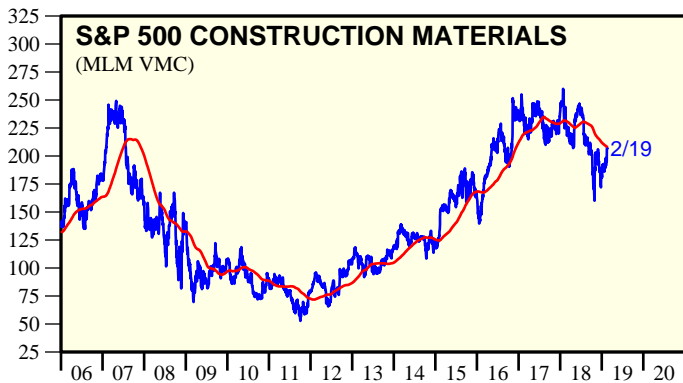
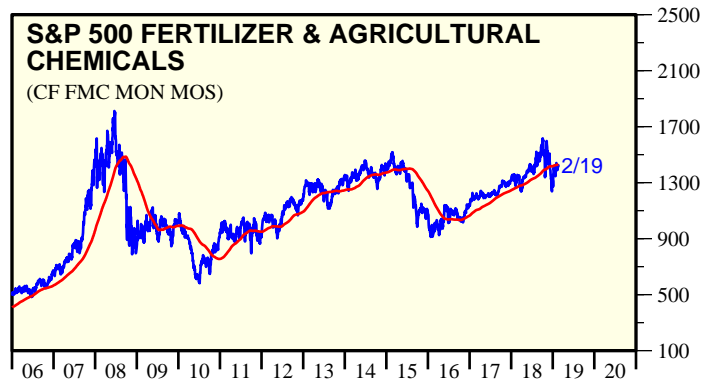
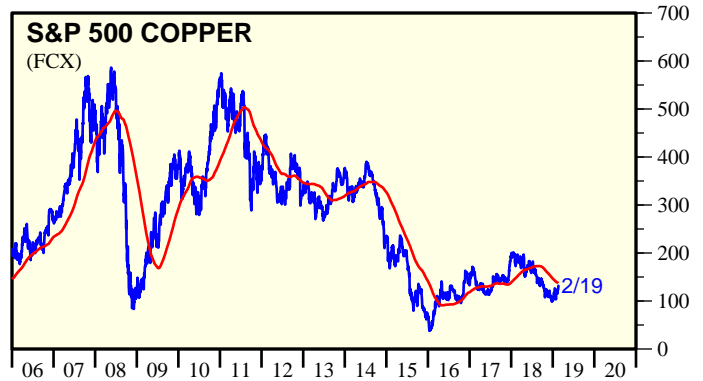
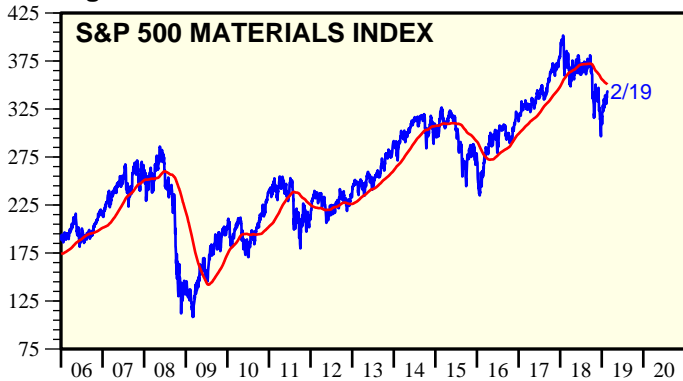


Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Monthly through December 1990, then weekly. Monthly data an average of Aluminum, Chemicals, Diversified Chemicals, Gold, Iron & Steel, Metals Mining, Paper & Forest Products, and Paper Containers & Packaging industry ratios.

Source: Standard & Poor's Corporation.

S&P 500: Materials

Figure 3.

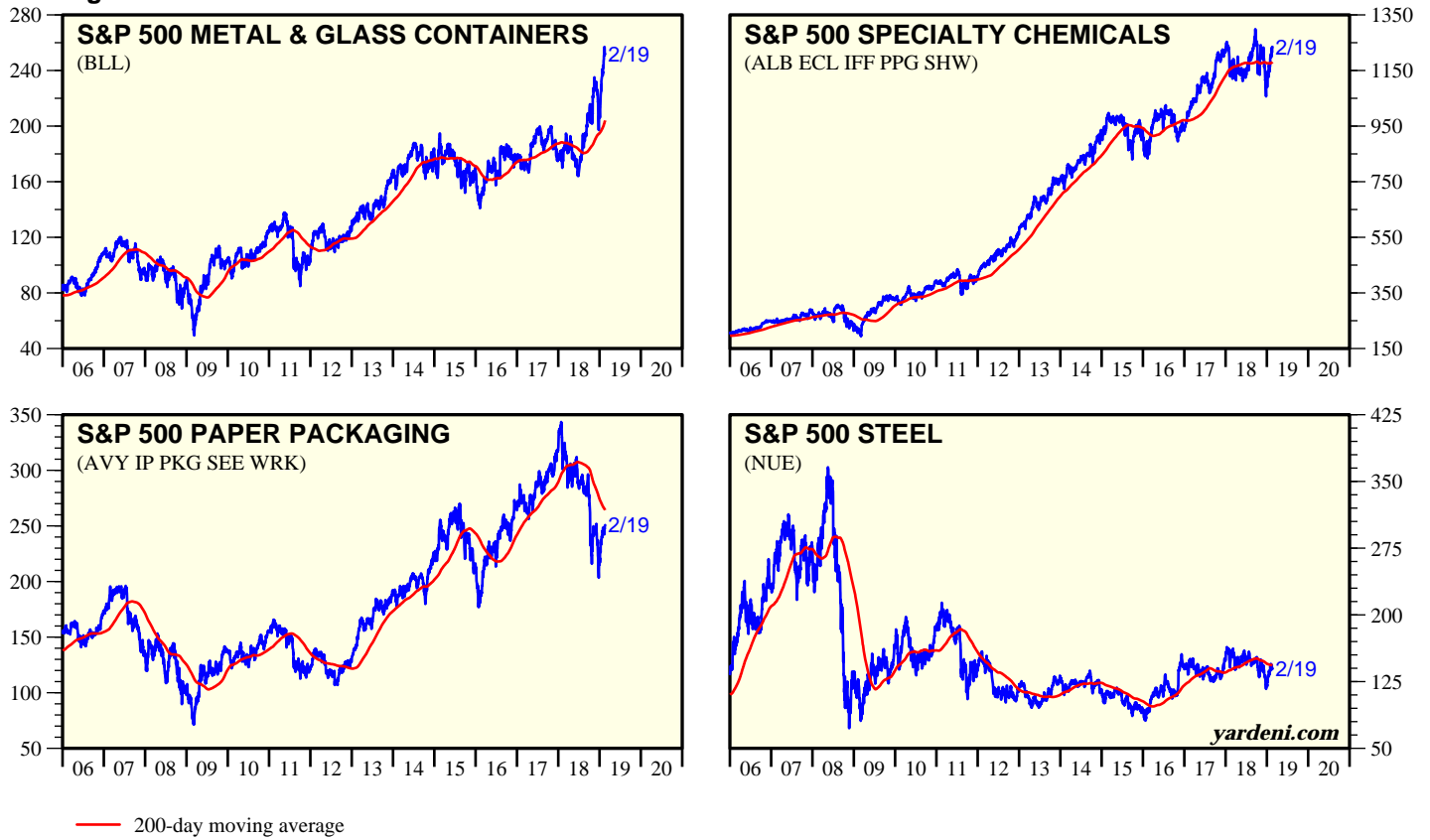


— 200-day moving average

Source: Standard & Poor's Corporation.

S&P 500: Materials (cont)

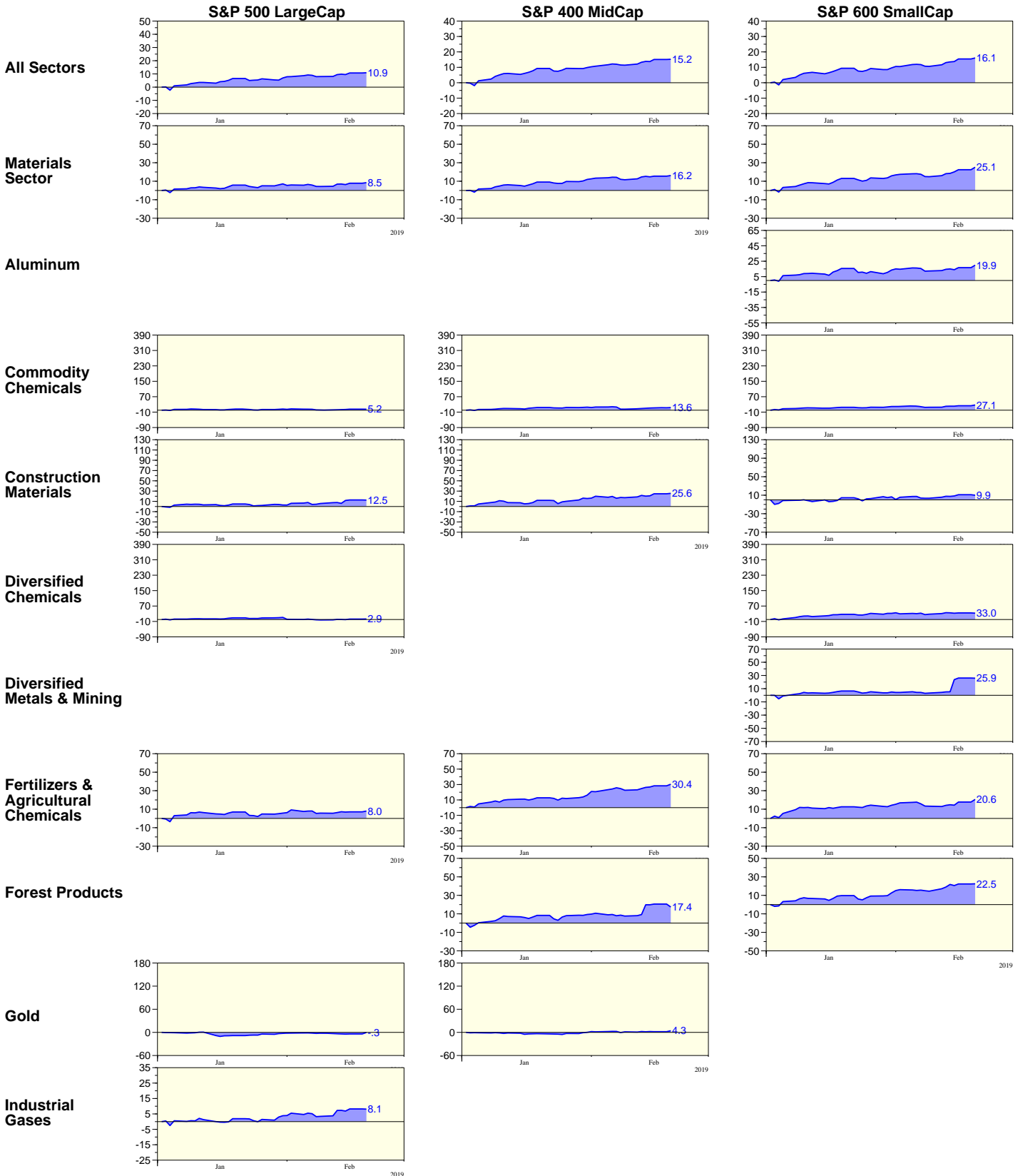
Figure 4.



Source: Standard & Poor's Corporation.

S&P 500/400/600 Materials YTD

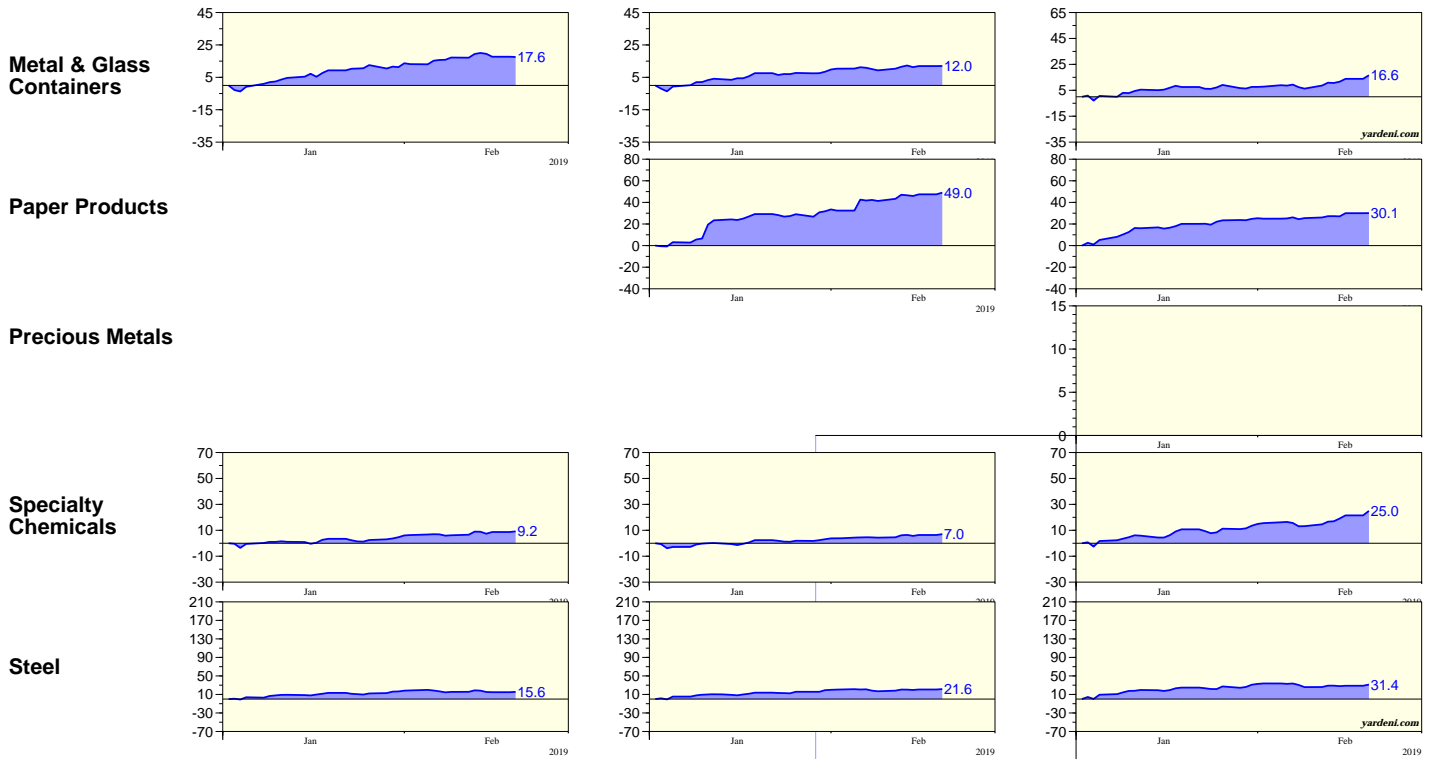
Figure 5.



Source: Standard & Poor's.

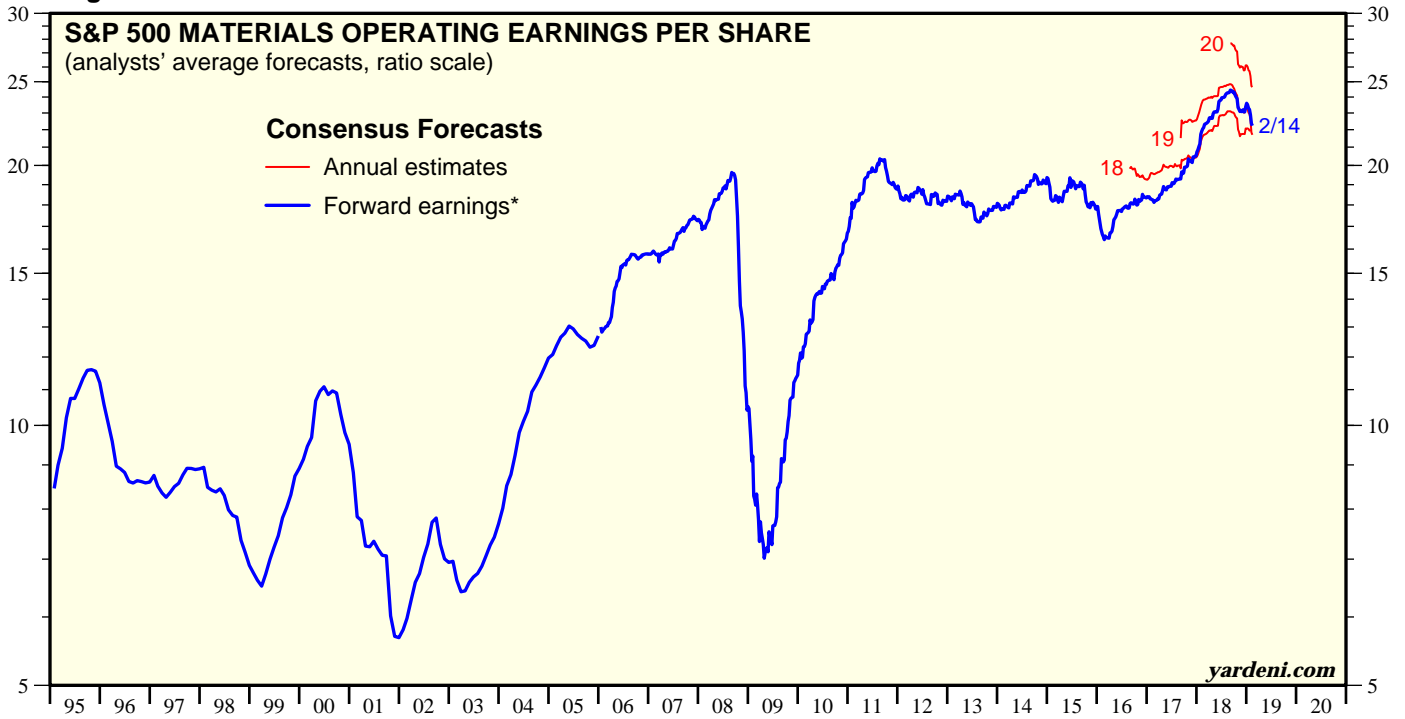
S&P 500/400/600 Materials YTD

Figure 6



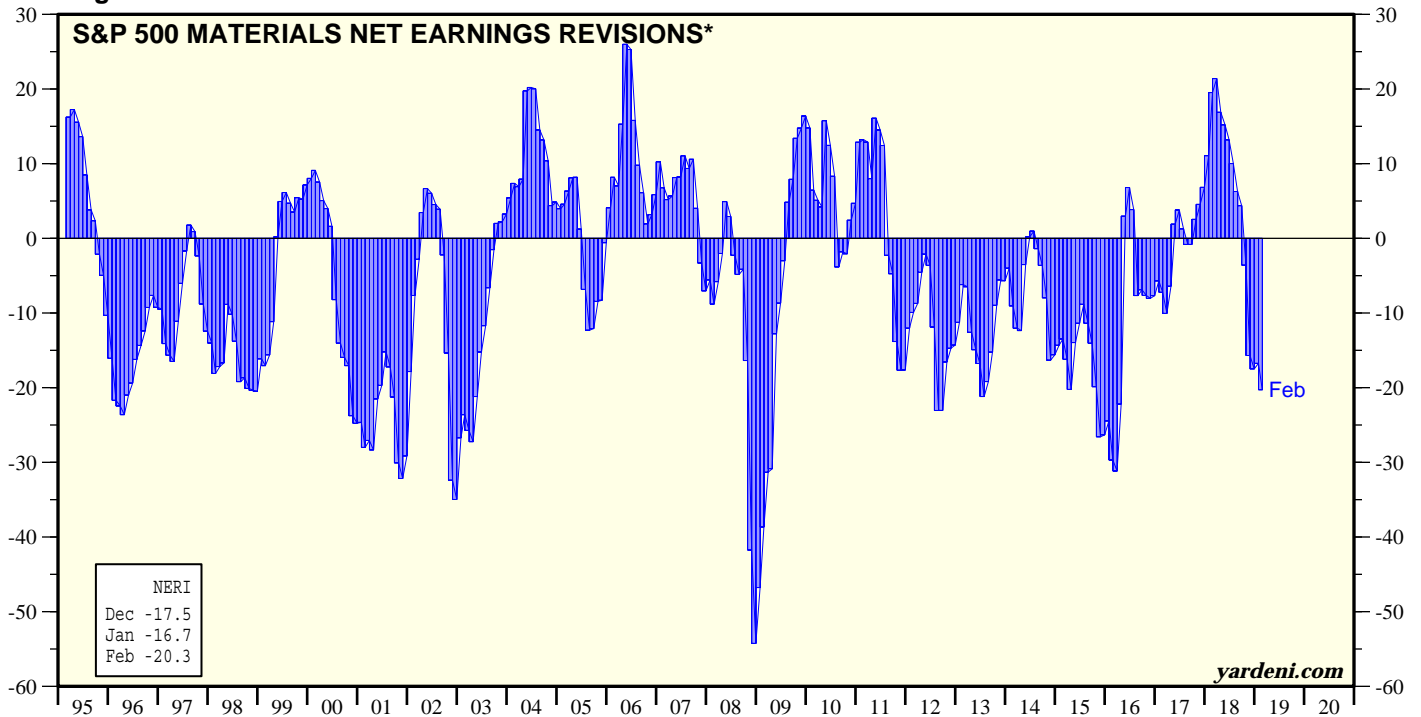
Earnings

Figure 7.



* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.

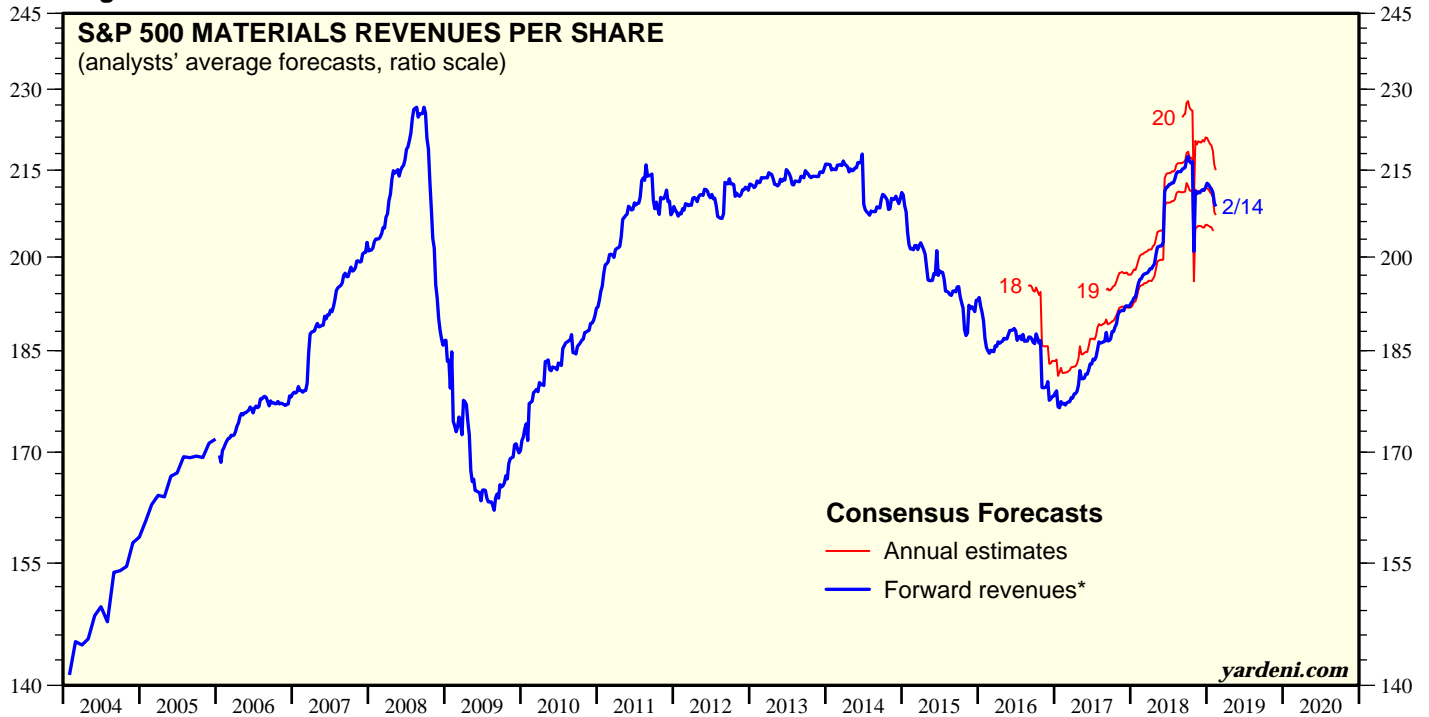
Figure 8.



* Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates.
Source: I/B/E/S data by Refinitiv.

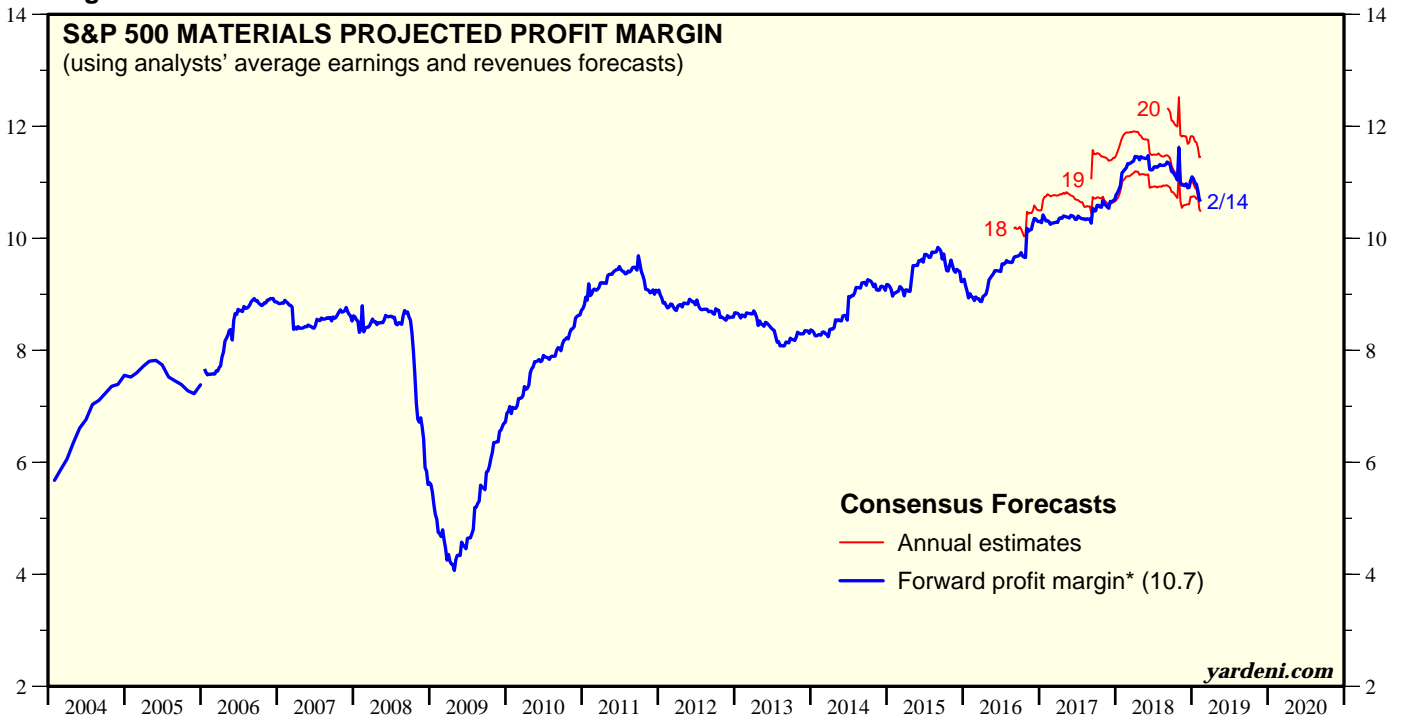
Revenues & Margins

Figure 9.



* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.

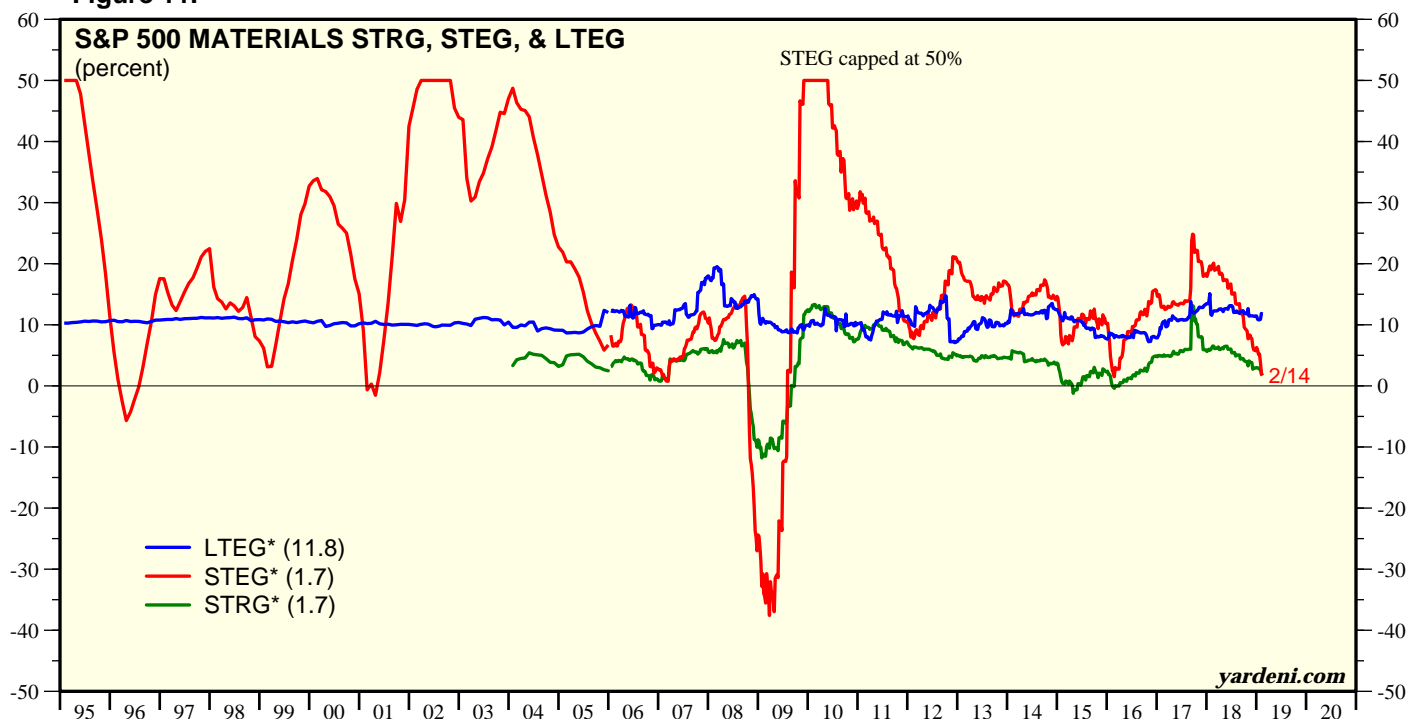
Figure 10.



* Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, weekly thereafter.
Source: I/B/E/S data by Refinitiv.

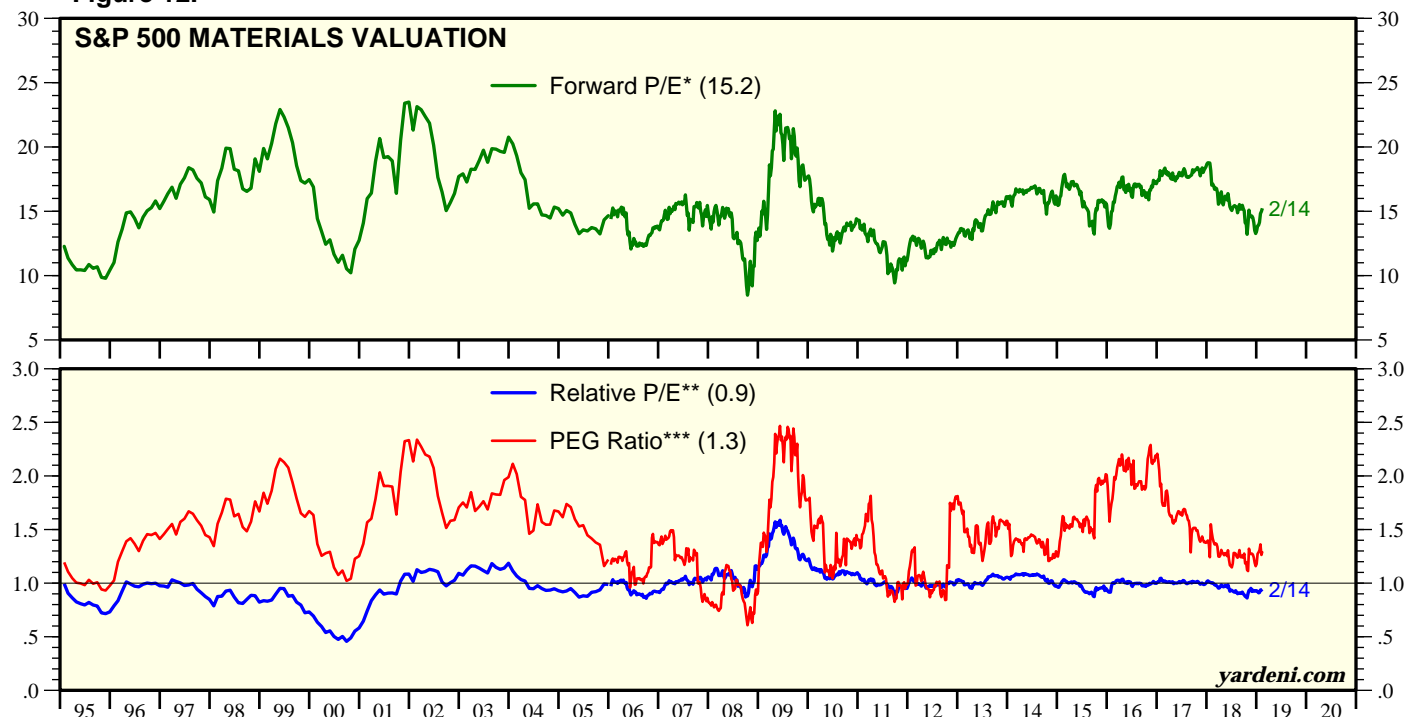
Earnings Growth & Valuation

Figure 11.



Note: STEG is year-ahead forward consensus expected short-term earnings growth. STRG is year-ahead forward consensus expected short-term revenue growth. LTEG is five-year consensus expected long-term earnings growth. Monthly data through 2005, weekly thereafter. Source: I/B/E/S data by Refinitiv.

Figure 12.



* Price divided by 12-month forward consensus expected operating earnings per share.
 ** Sector or industry forward P/E relative to S&P 500 forward P/E.
 *** Sector or industry forward P/E relative to sector or industry consensus 5-year LTEG forecast.
 Source: I/B/E/S data by Refinitiv.

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