

# Analyst's Handbook: Materials

Yardeni Research, Inc.

*December 30, 2023*

**Dr. Edward Yardeni**

516-972-7683  
eyardeni@yardeni.com

**Mali Quintana**

480-664-1333  
aquintana@yardeni.com

Please visit our sites at  
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*thinking outside the box*

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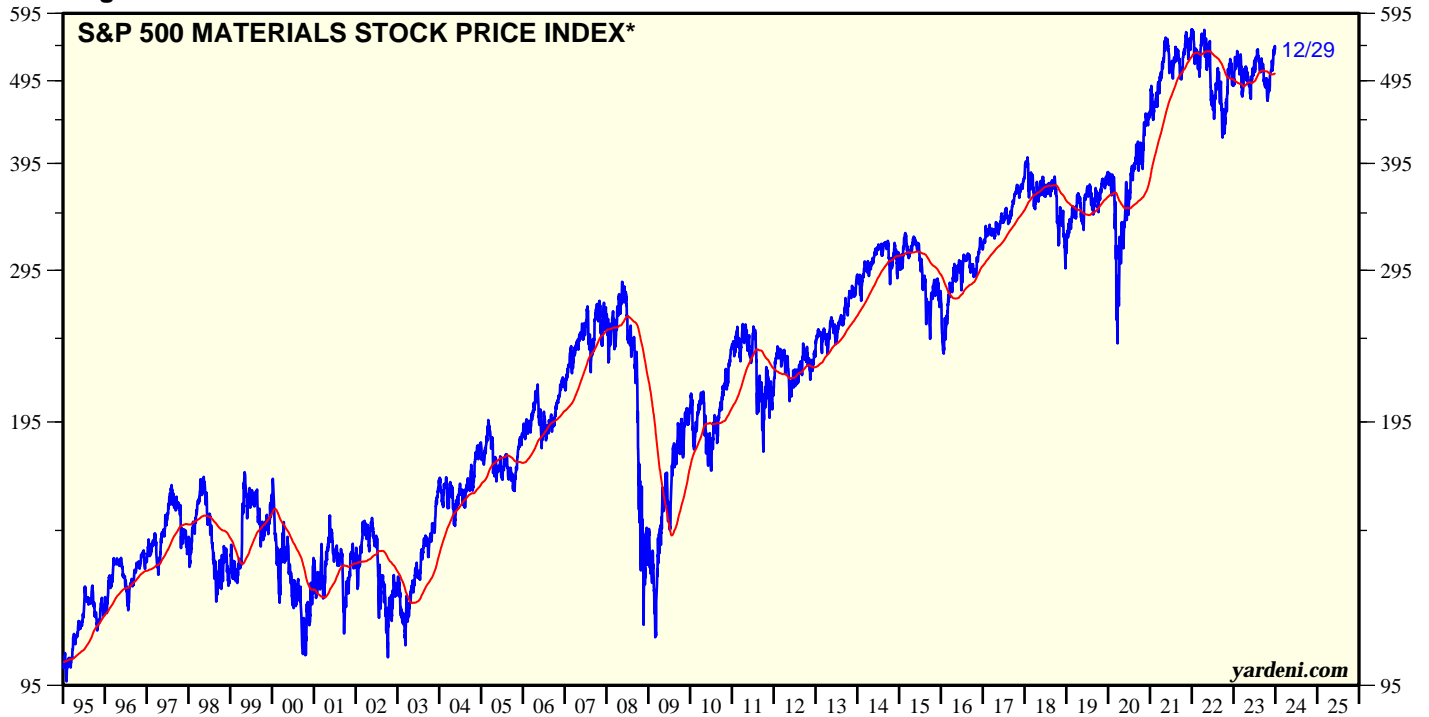
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# S&P 500 Materials

Figure 1.

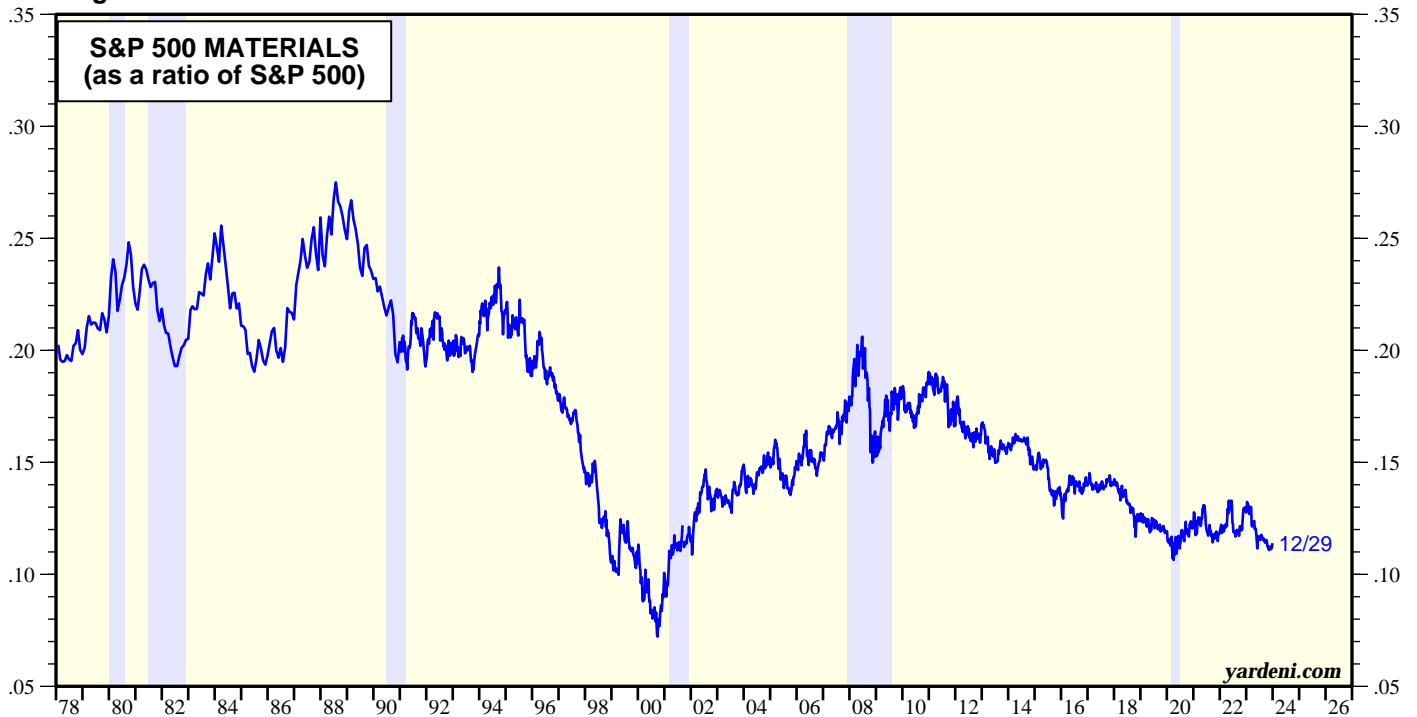


— 200-day moving average.

\* Ratio scale.

Source: Standard & Poor's and Haver Analytics.

Figure 2.

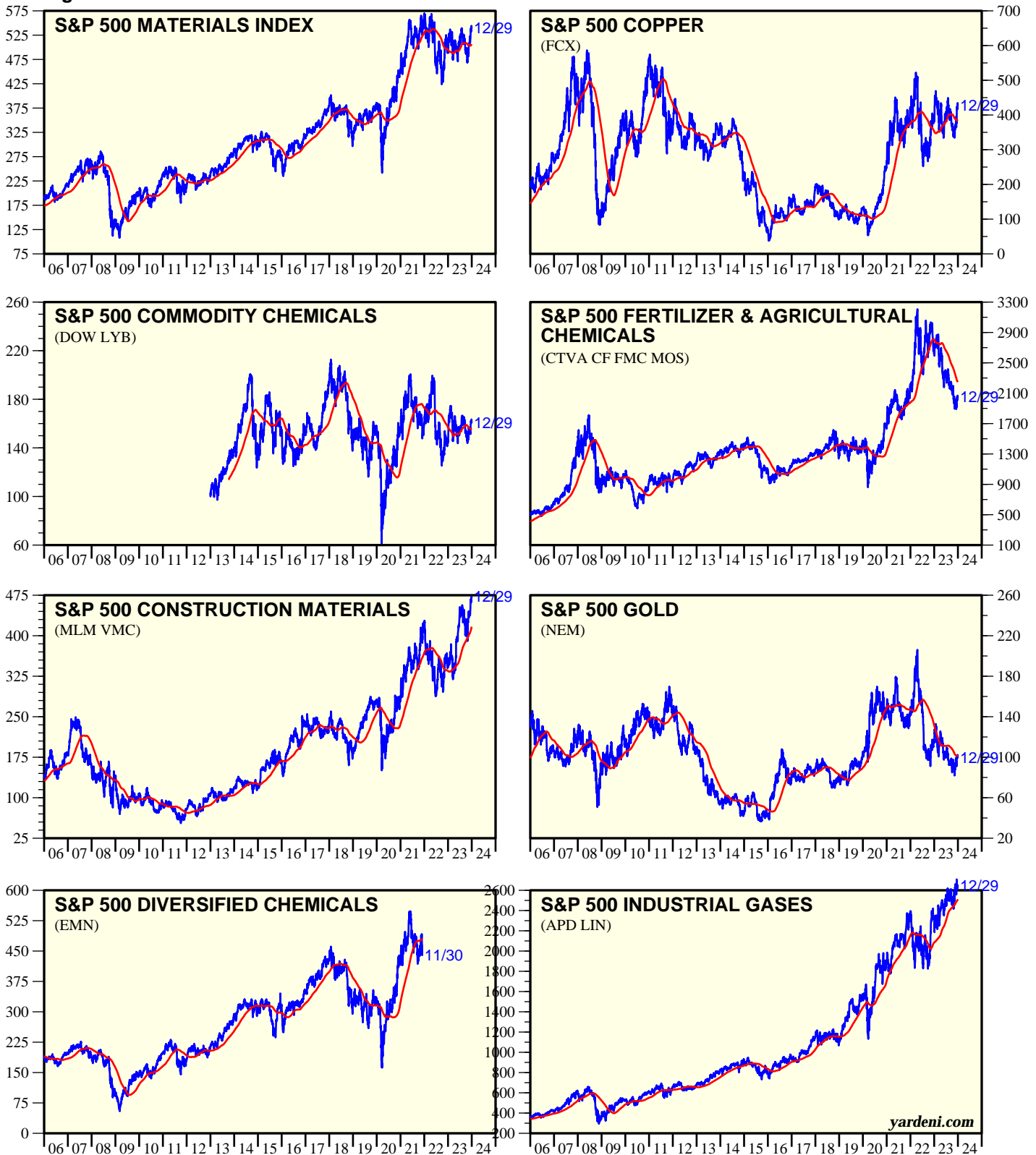


Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Monthly through December 1990, then weekly. Monthly data an average of Aluminum, Chemicals, Diversified Chemicals, Gold, Iron & Steel, Metals Mining, Paper & Forest Products, and Paper Containers & Packaging industry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

Source: Standard & Poor's Corporation.

# S&P 500: Materials

Figure 3.

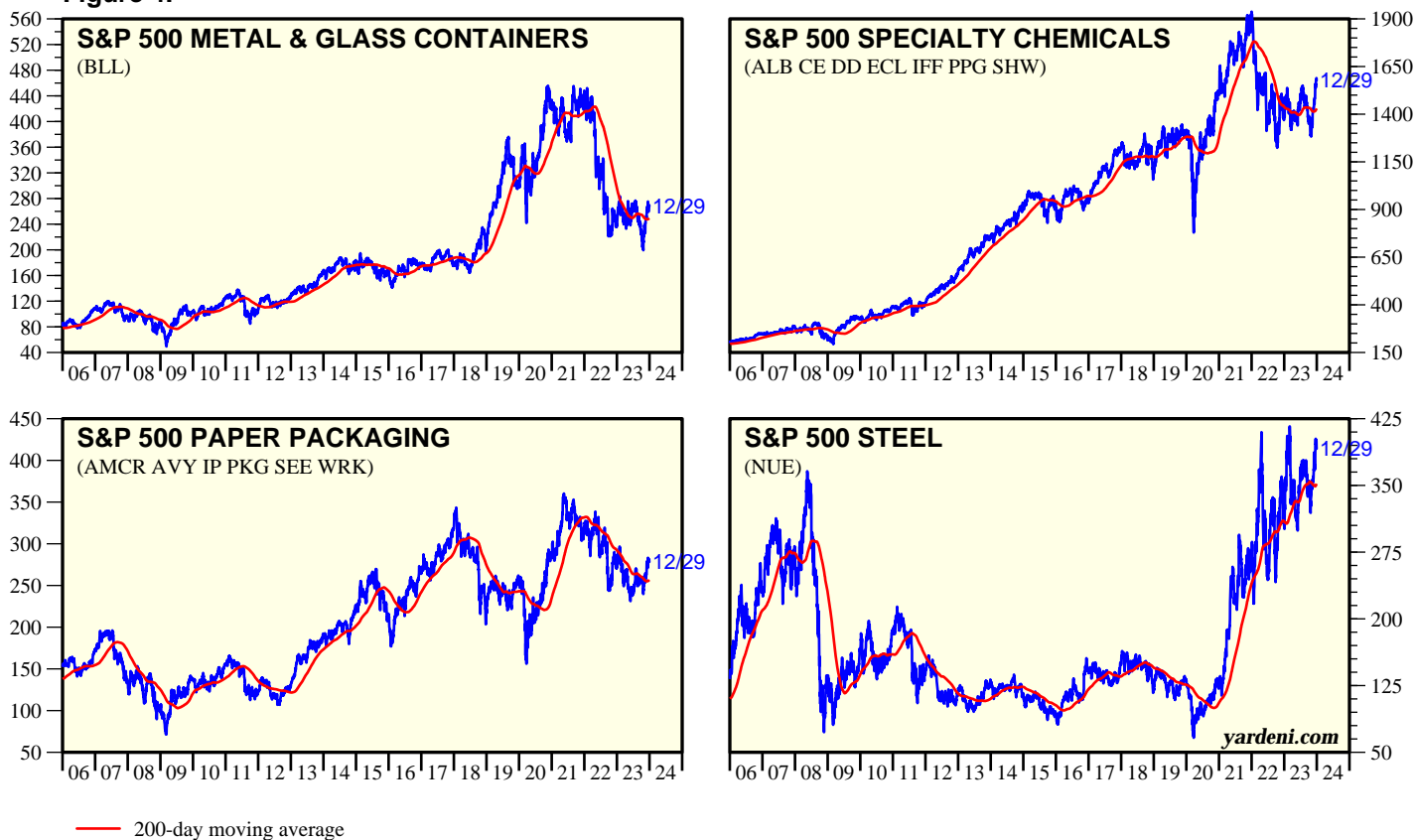


— 200-day moving average

Source: Standard & Poor's Corporation.

# S&P 500: Materials (cont)

Figure 4.

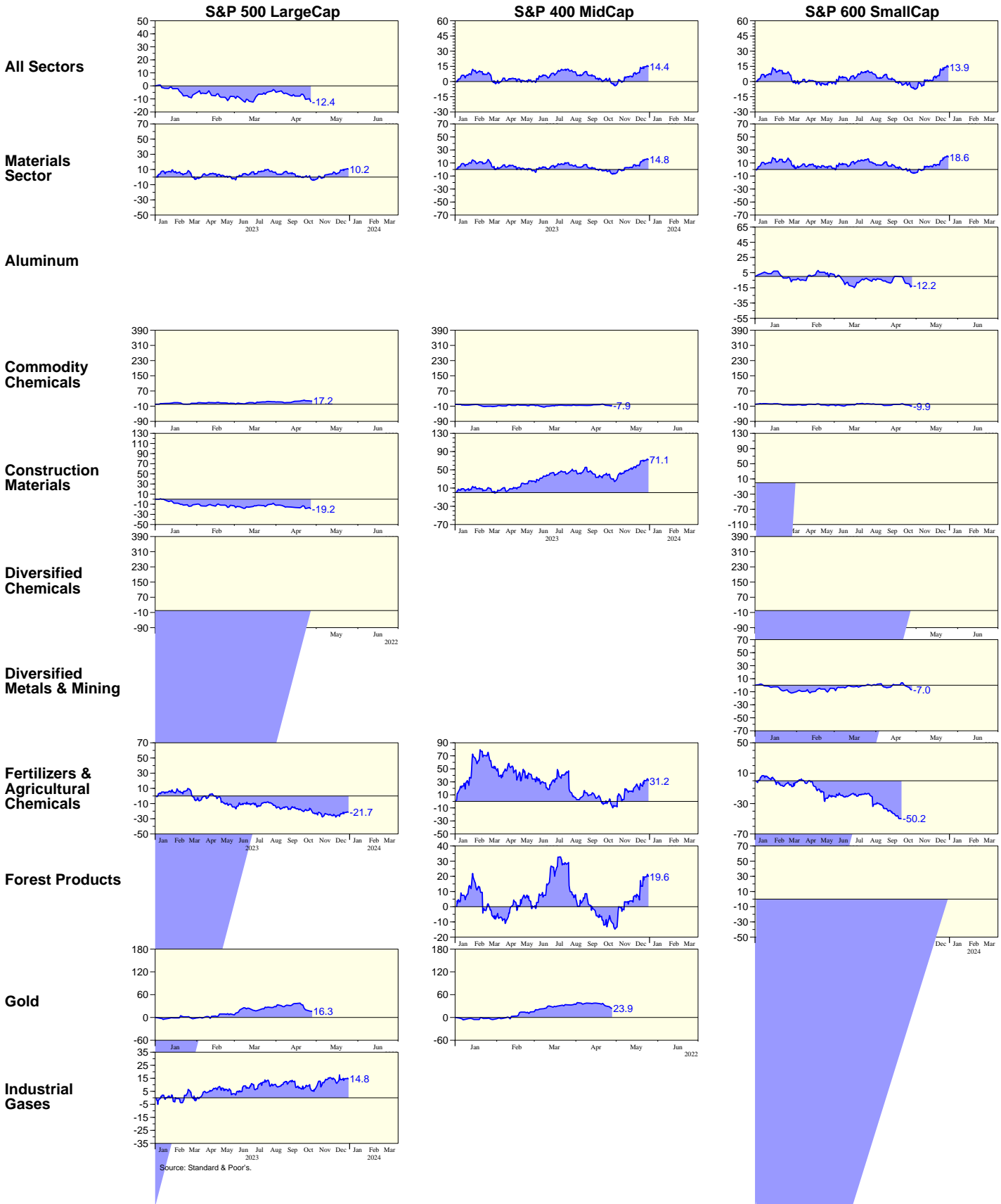


— 200-day moving average

Source: Standard & Poor's Corporation.

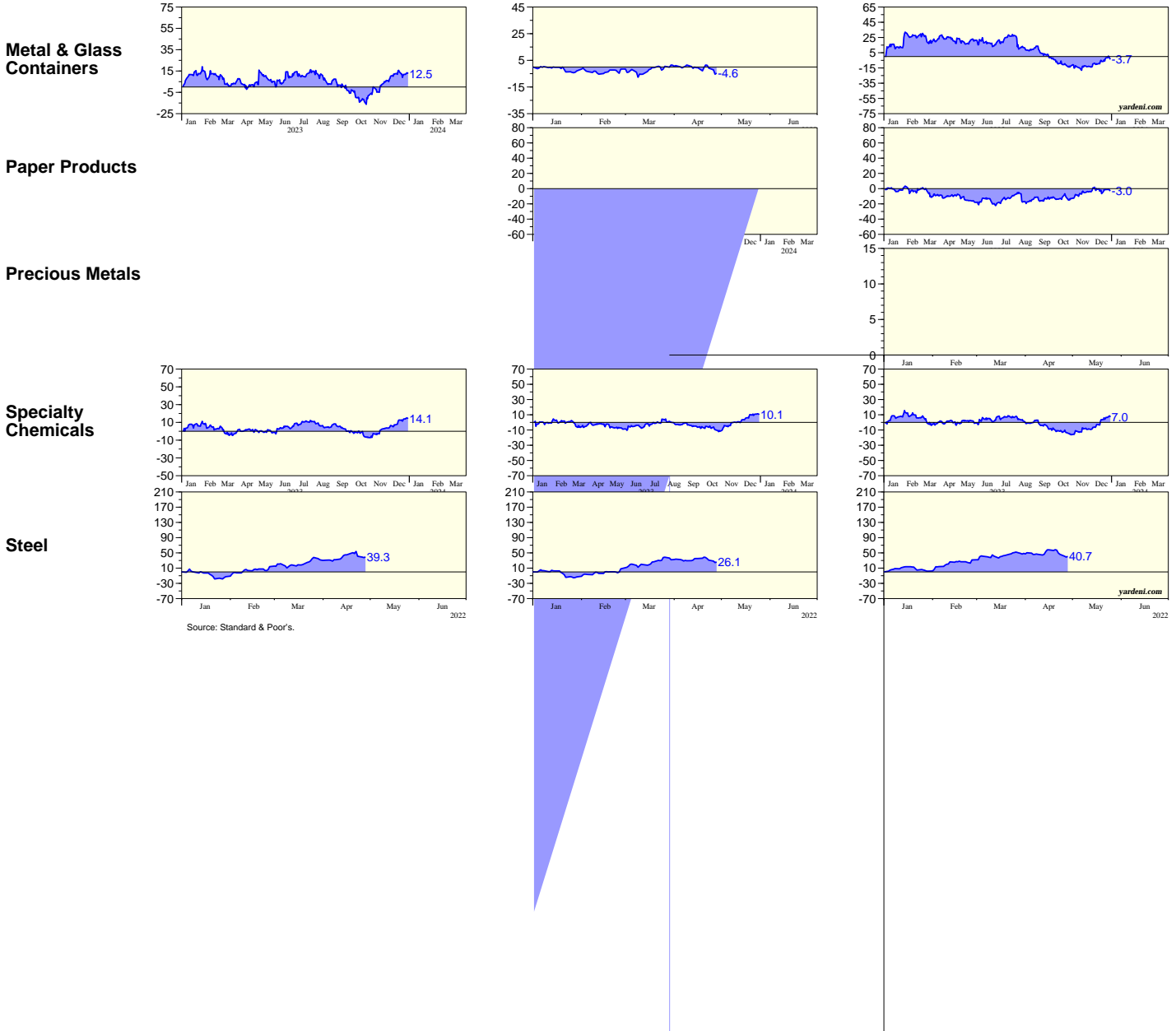
# S&P 500/400/600 Materials YTD

Figure 5.



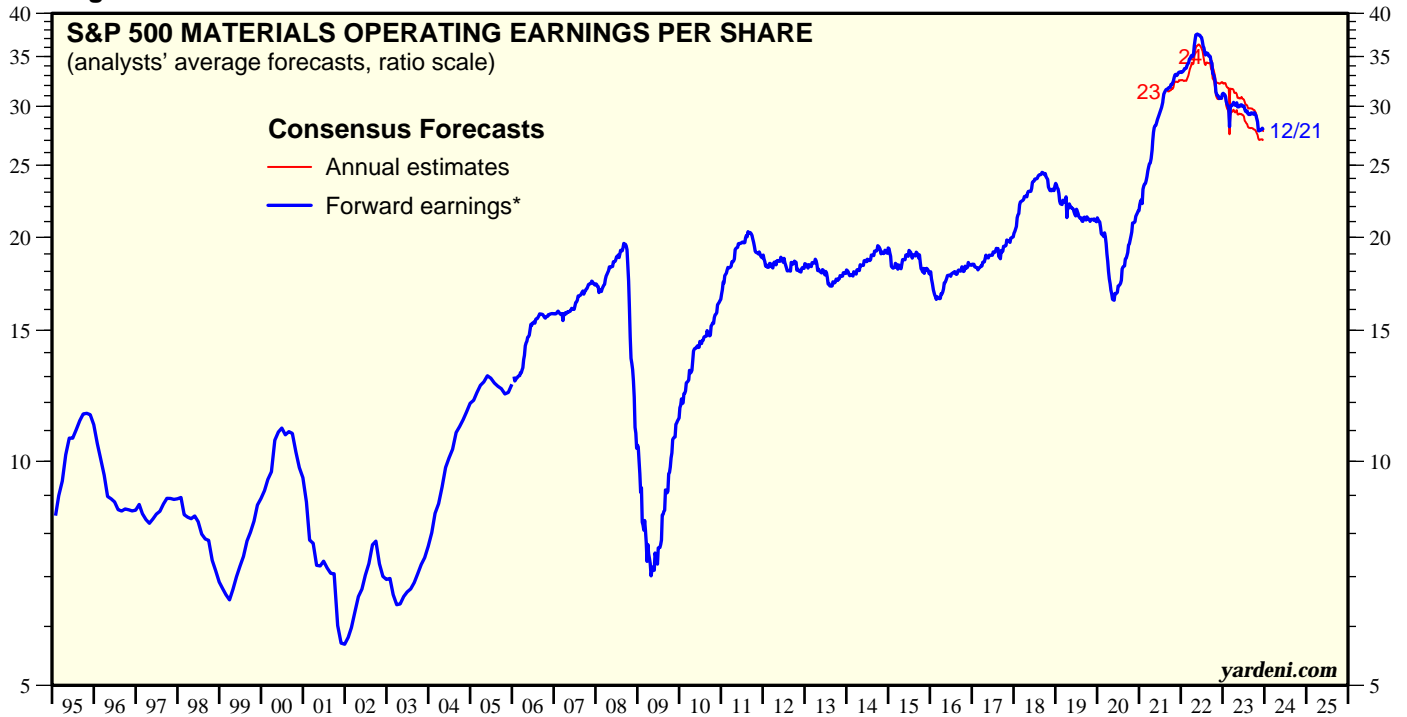
# S&P 500/400/600 Materials YTD

Figure 6



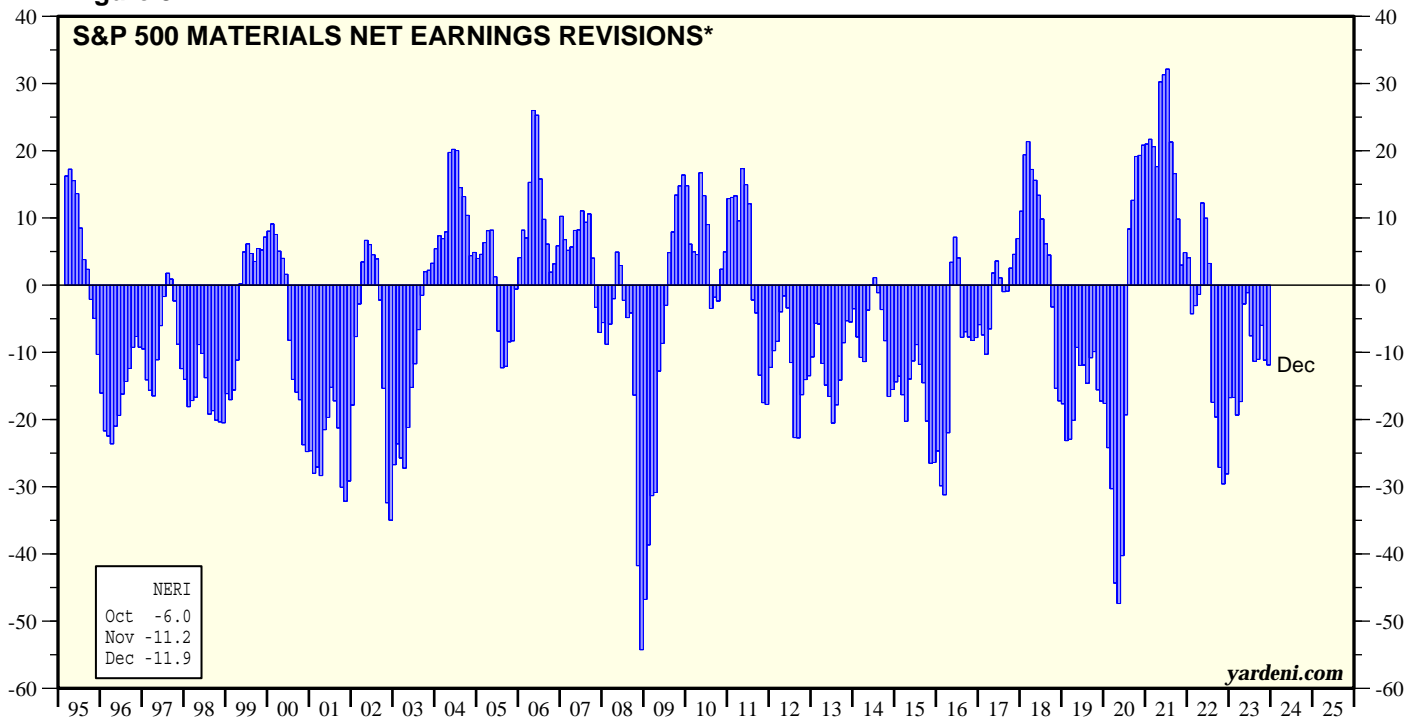
# Earnings

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.

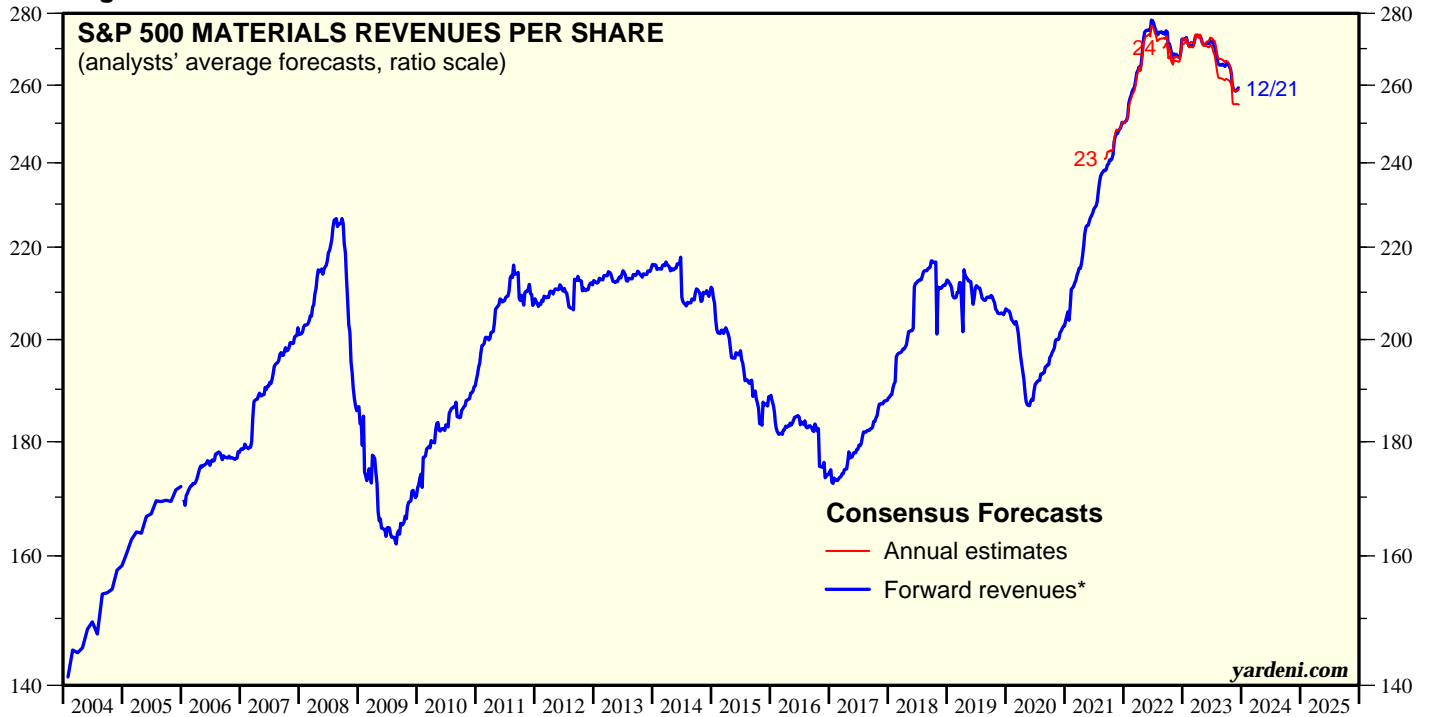


\* Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates.  
Source: I/B/E/S data by Refinitiv.



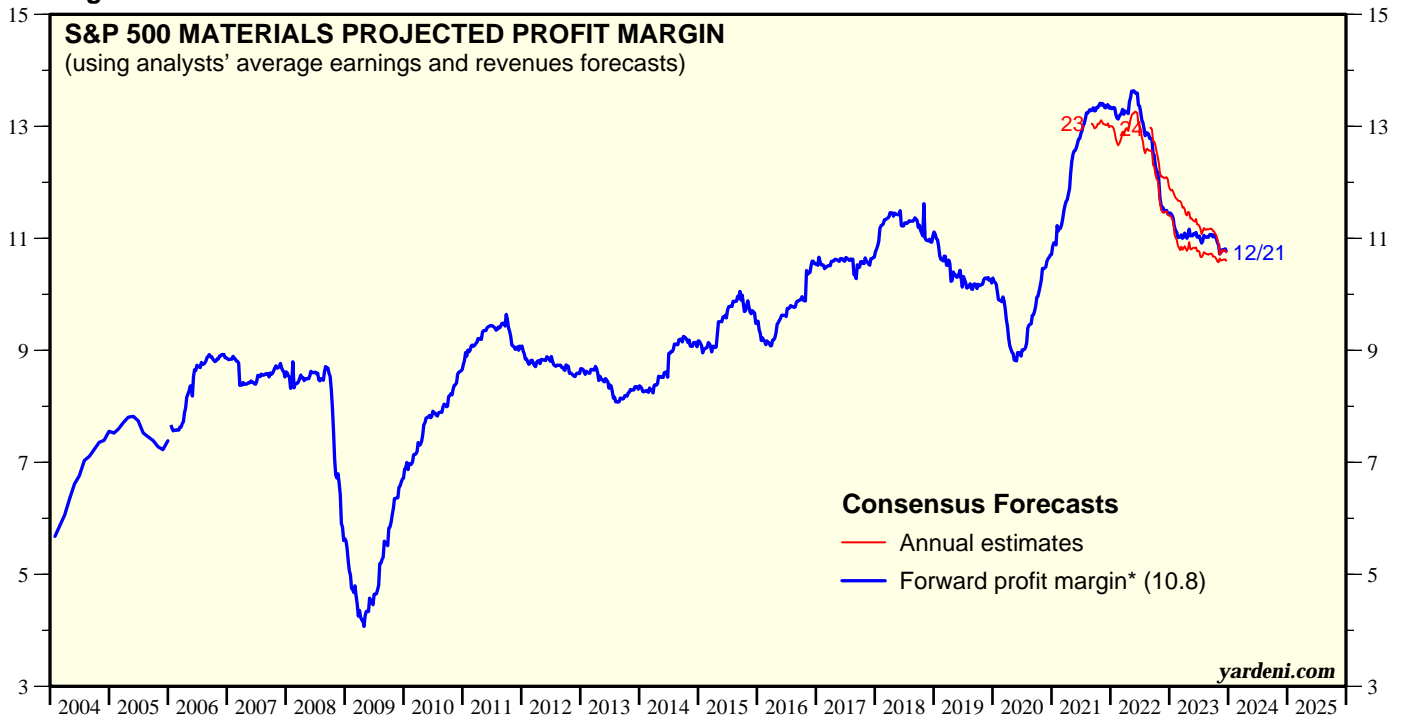
# Revenues & Margins

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.

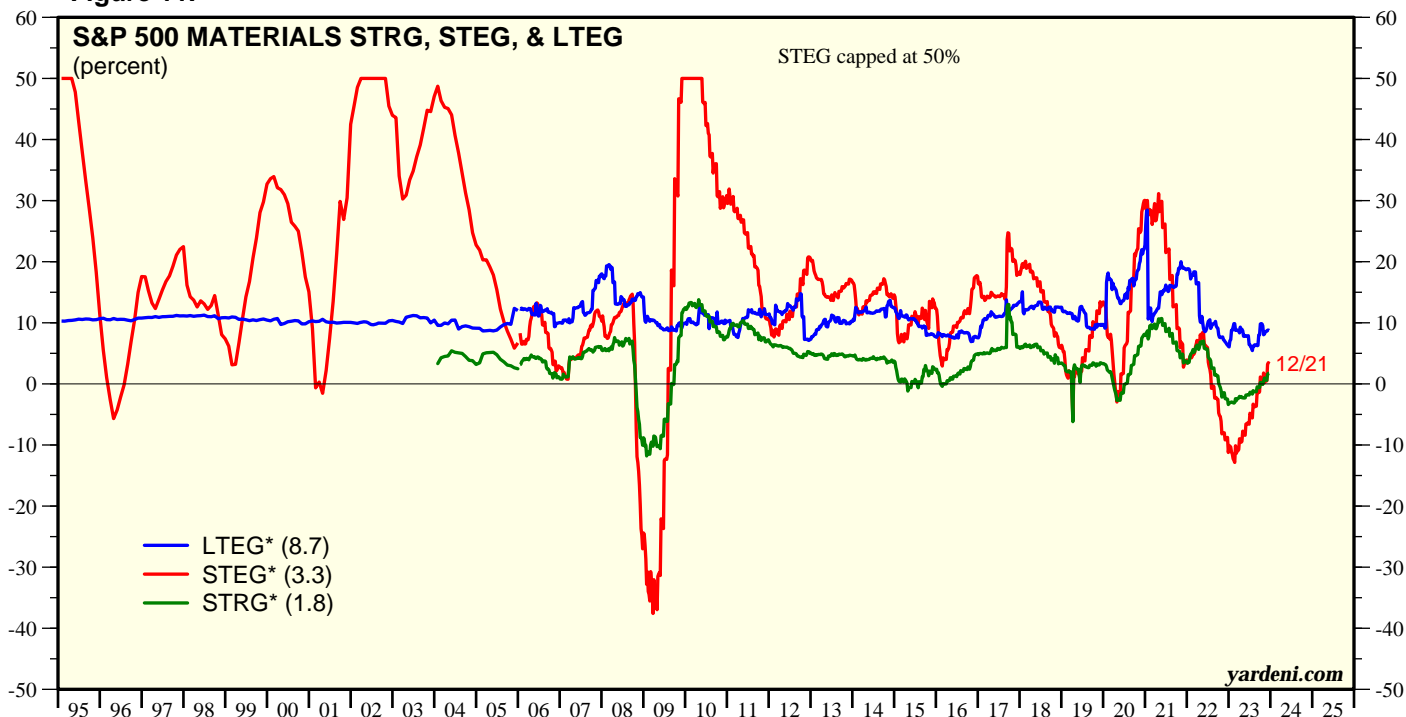
Figure 10.



\* 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.

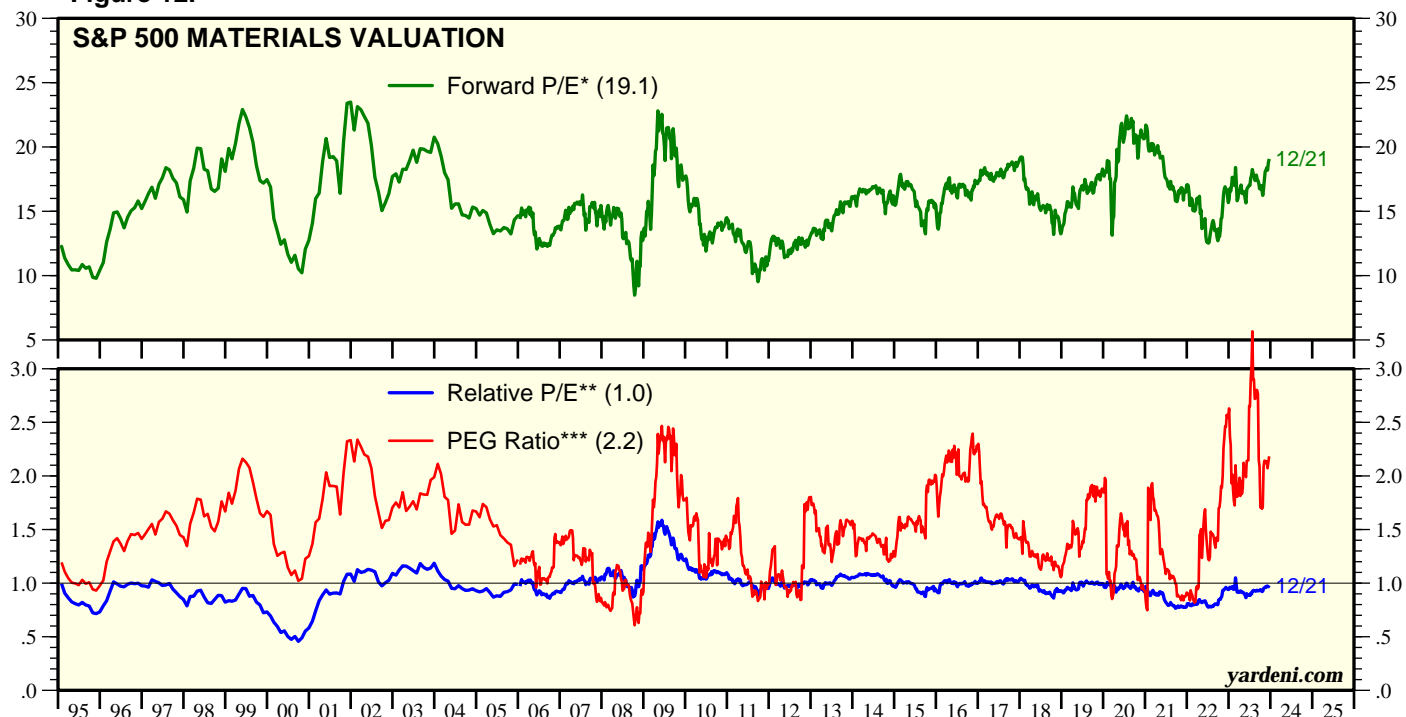
# Earnings Growth & Valuation

Figure 11.



\* 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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