

S&P 500 Dividend & Earnings Yield

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thinking outside the box

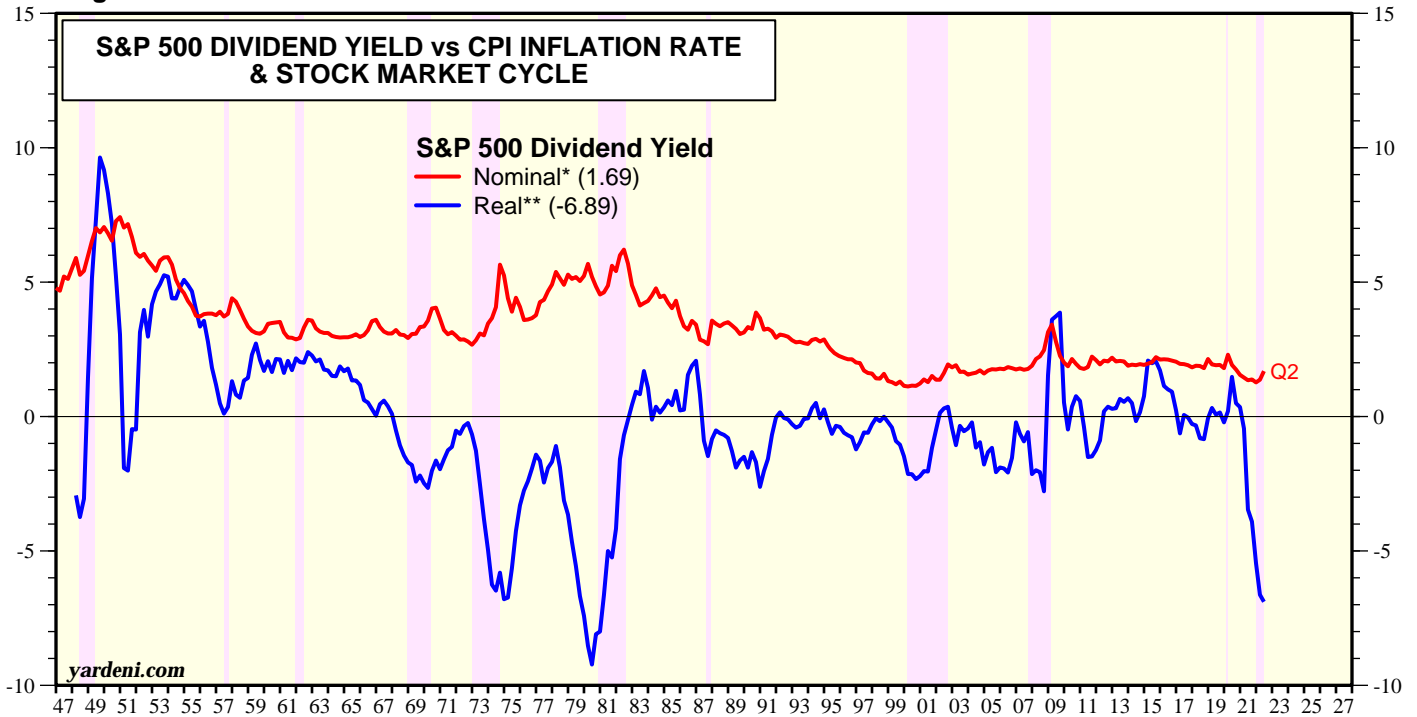
Table Of Contents

S&P 500 Earnings Yield

3-13

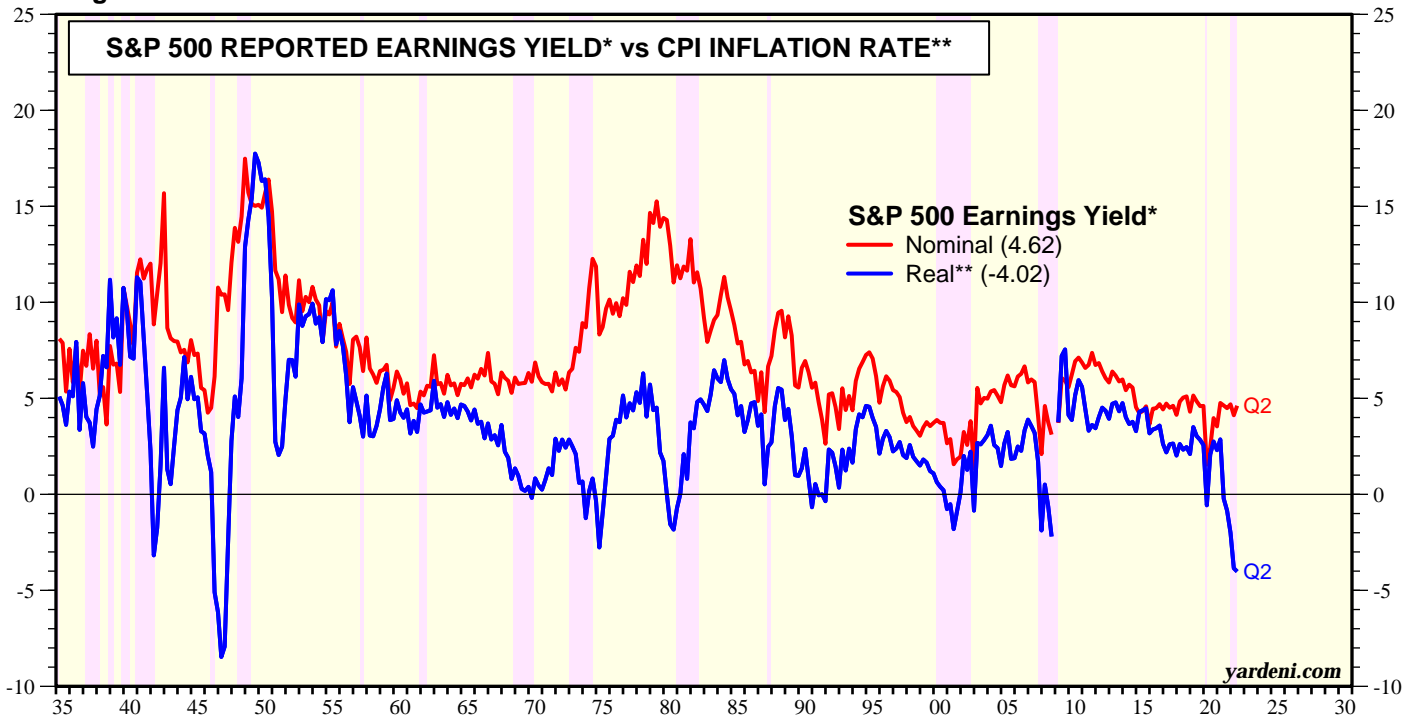
S&P 500 Earnings Yield

Figure 1.



* S&P 500 four-quarter trailing dividends per share divided by quarterly closing value of the S&P 500 index.
 ** Nominal dividend yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Standard & Poor's and Bureau of Labor Statistics.

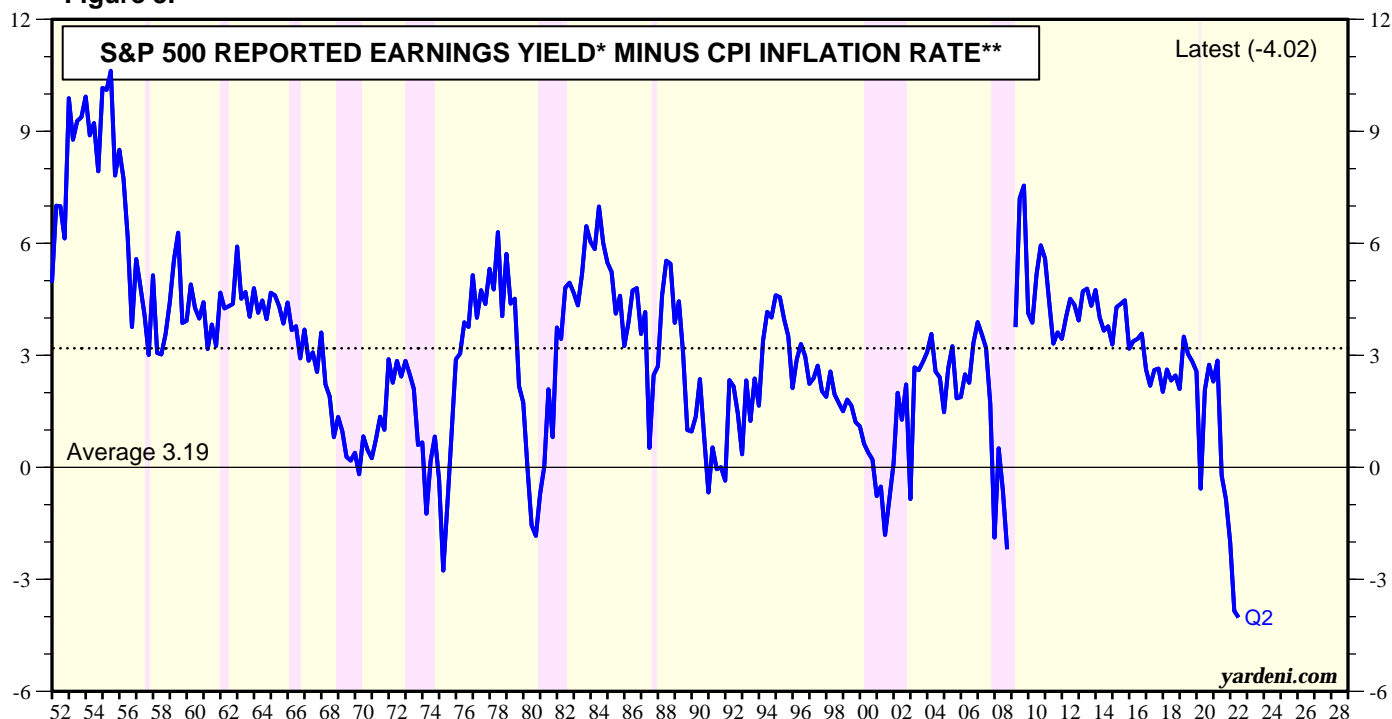
Figure 2.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 deleted because of negative value.
 ** Nominal earnings yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 FN3 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Standard & Poor's and Bureau of Labor Statistics.

S&P 500 Earnings Yield

Figure 3.



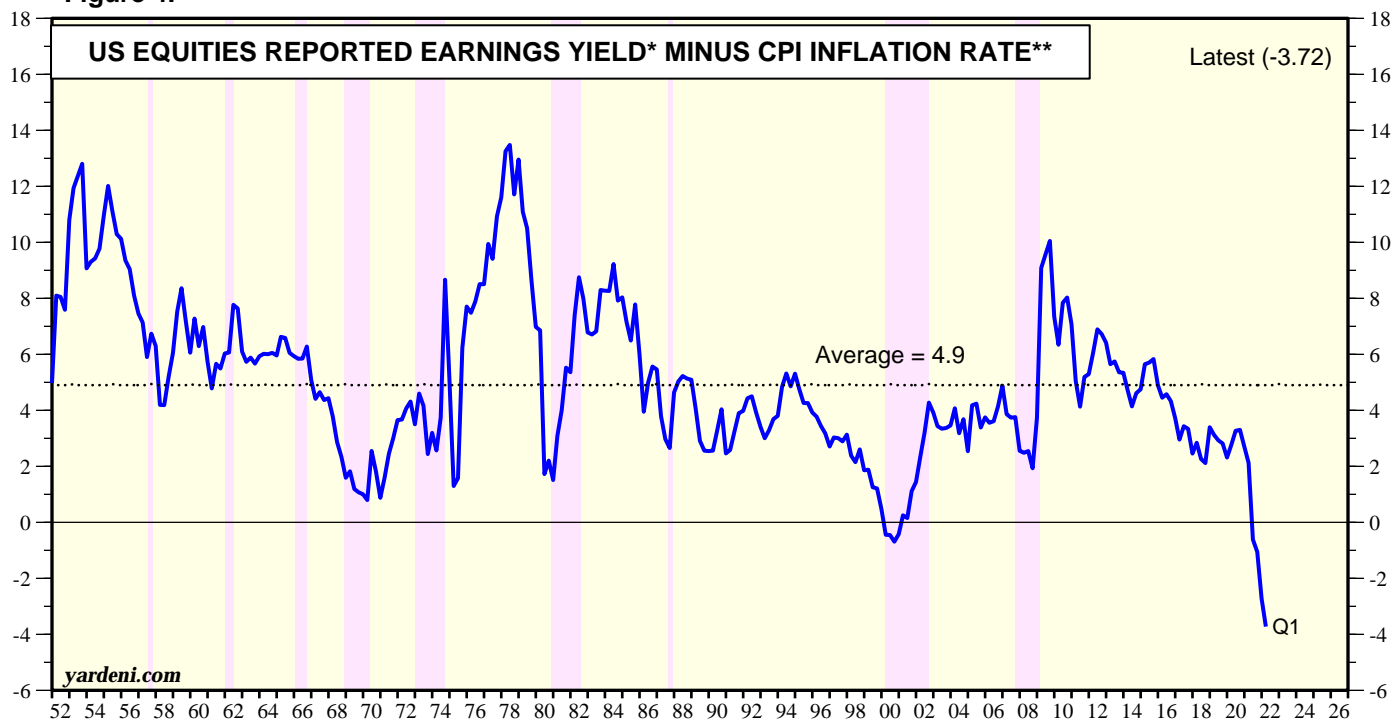
* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of large negative value.

** Year-over-year percent change in three-month average of each quarter.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: Standard & Poor's and Bureau of Labor Statistics.

Figure 4.



* Ratio of after-tax corporate profits as reported to the IRS divided by market value of US equities traded in the US excluding foreign issues.

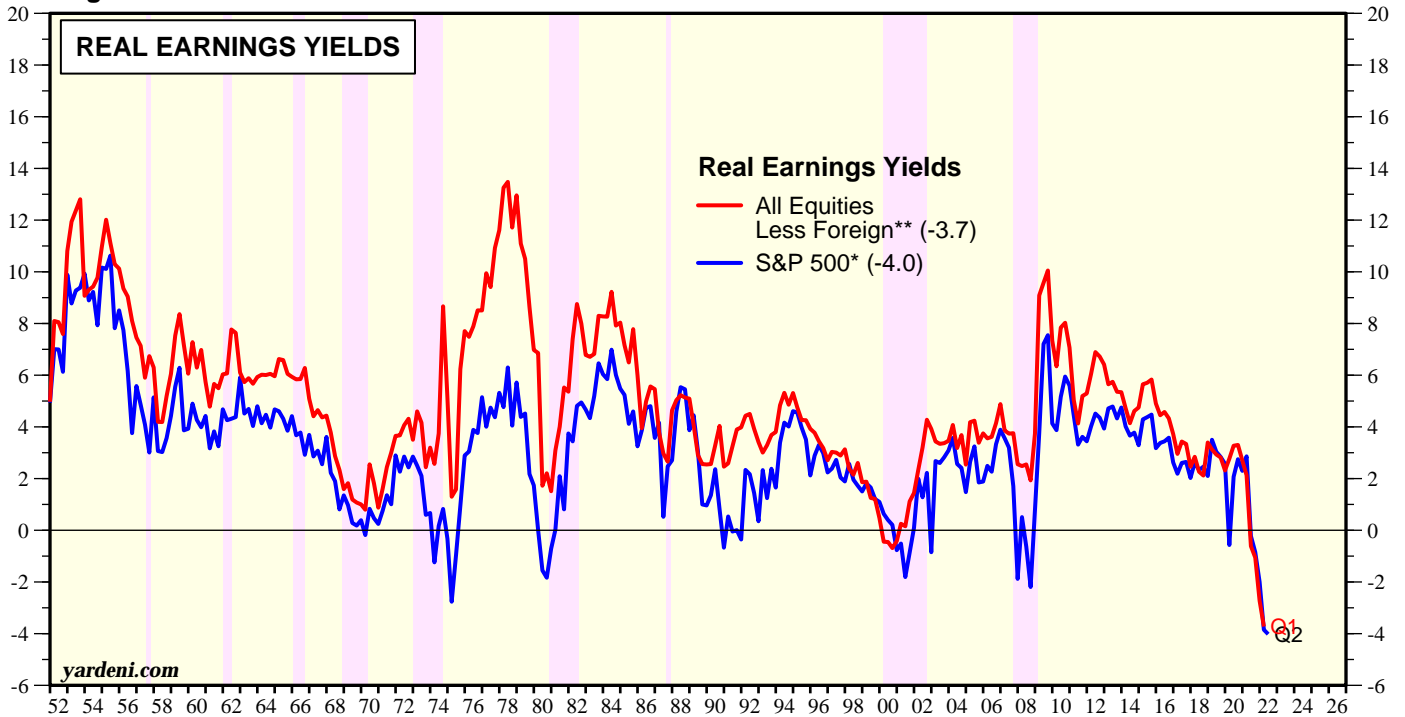
** Year-over-year percent change in quarterly using three-month averages.

Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.

Source: Federal Reserve Board.

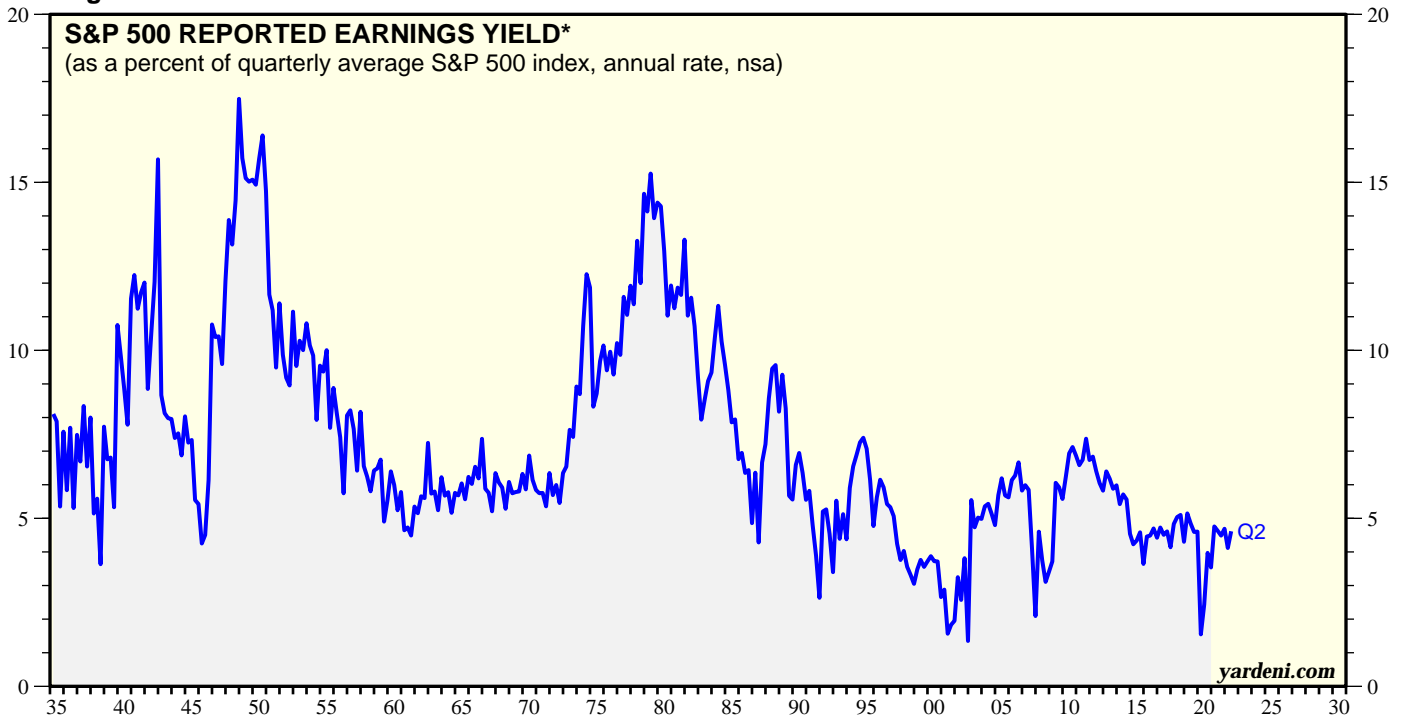
S&P 500 Earnings Yield

Figure 5.



* After-tax corporate profits as reported to the IRS as a percent of market value of US equities traded in the US excluding foreign issues minus CPI inflation rate (y/y in quarterly using 3-ma). ** S&P 500 reported earnings as a percent of quarterly average S&P 500 index minus CPI inflation rate (y/y in quarterly using 3-ma). Q4-2008 dropped because of negative value.
 Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Federal Reserve Board, Standard & Poor's, and Bureau of Labor Statistics.

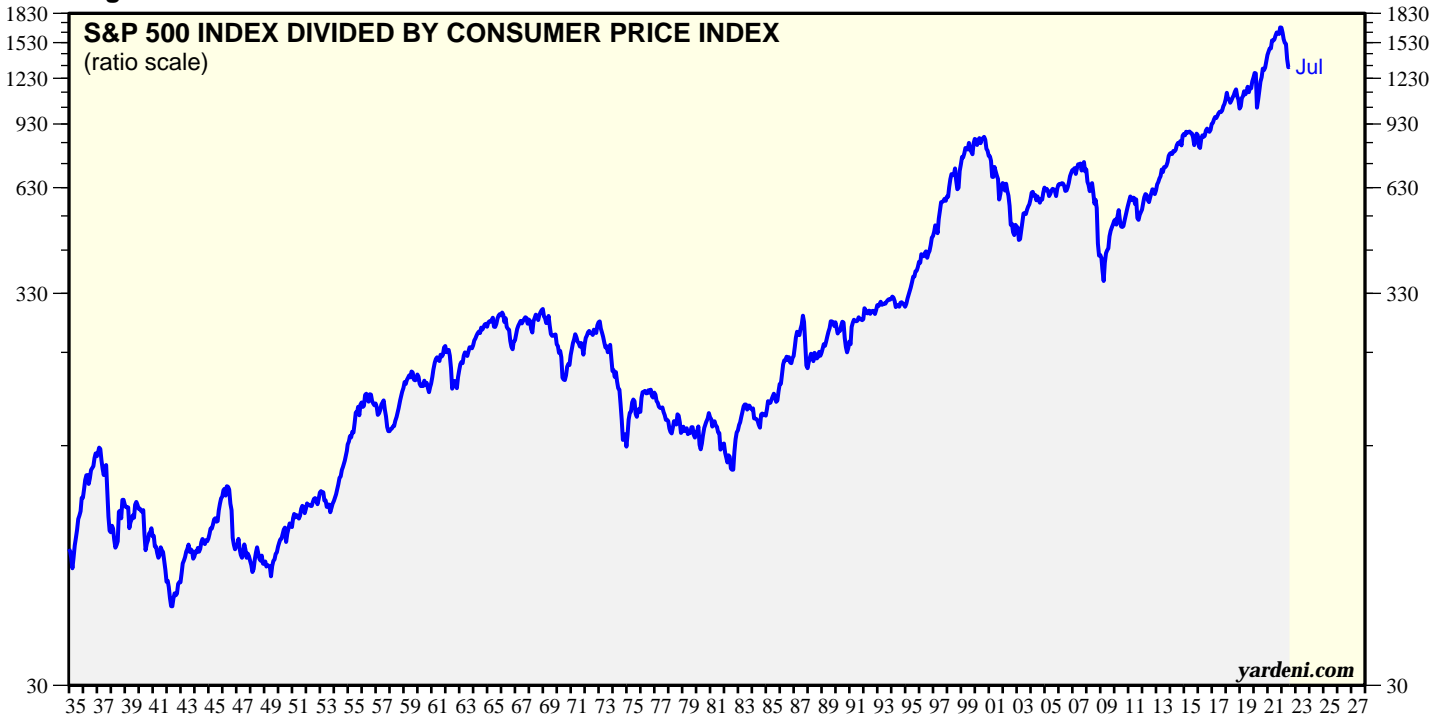
Figure 6.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of negative value.
 Source: Standard & Poor's.

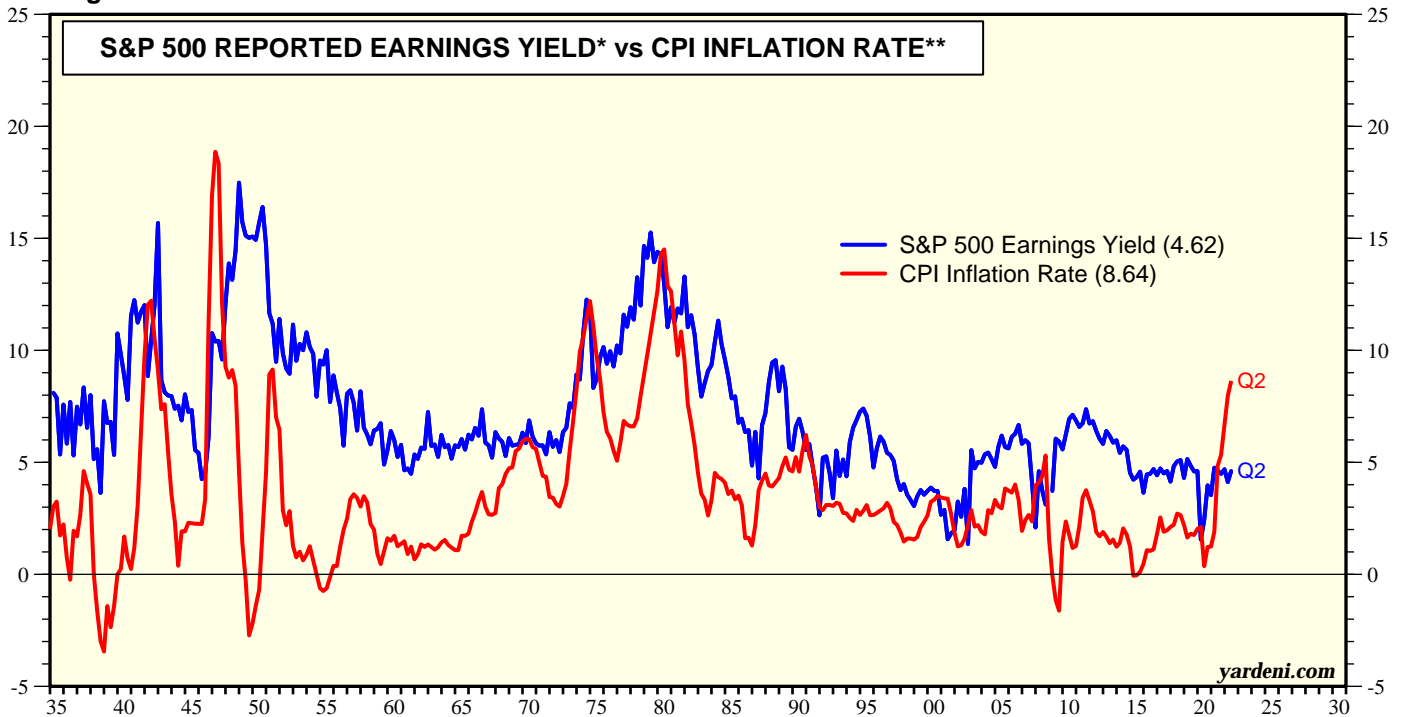
S&P 500 Earnings Yield

Figure 7.



Source: Standard & Poor's and Bureau of Labor Statistics.

Figure 8.



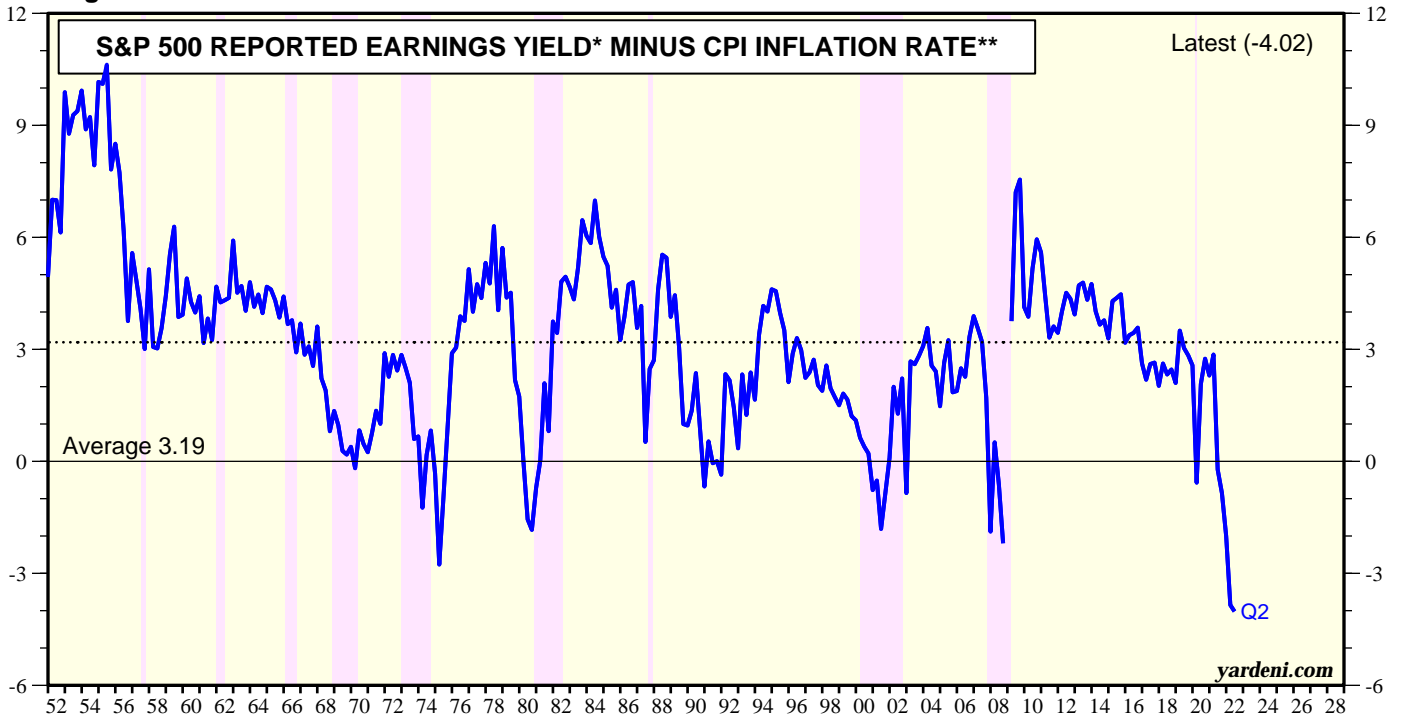
* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of negative value.

** Year-over-year percent change in three-month average of each quarter.

Source: Standard & Poor's and Bureau of Labor Statistics.

S&P 500 Earnings Yield

Figure 9.



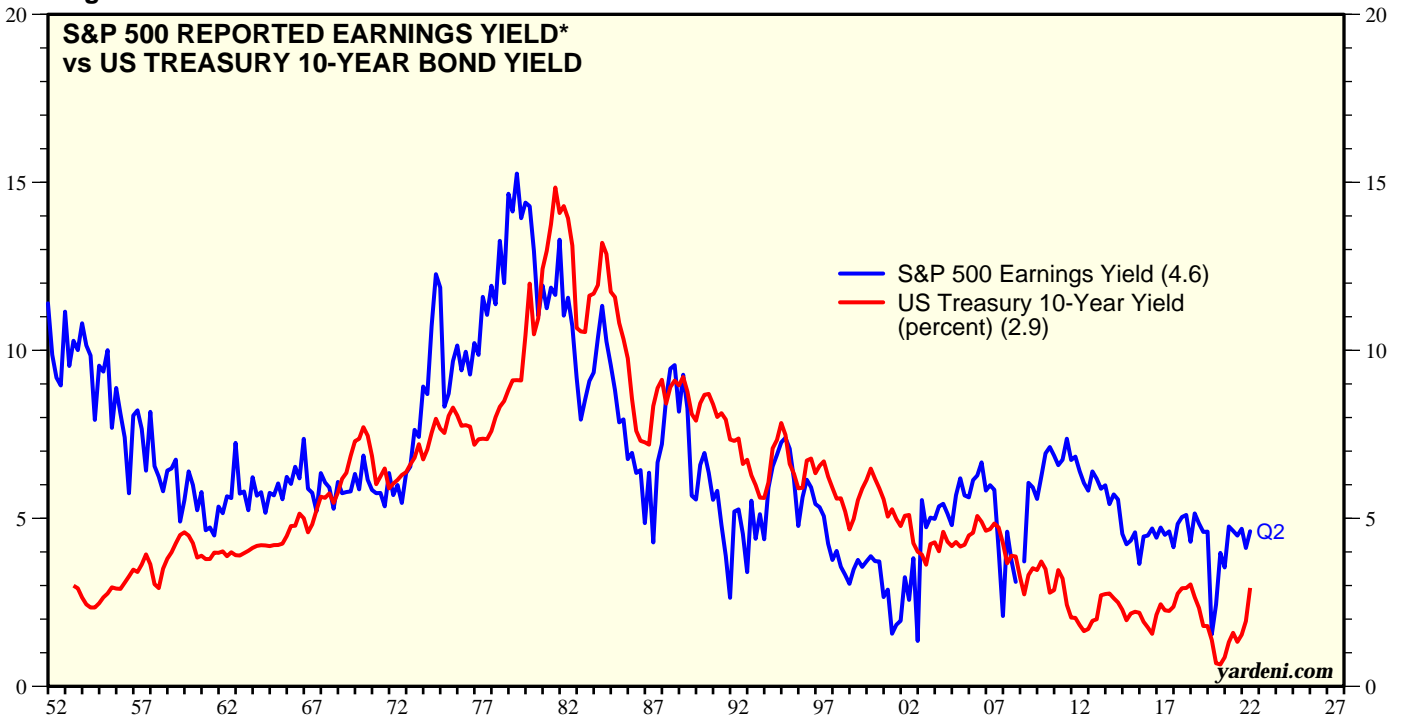
* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of large negative value.

** Year-over-year percent change in three-month average of each quarter.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: Standard & Poor's and Bureau of Labor Statistics.

Figure 10.

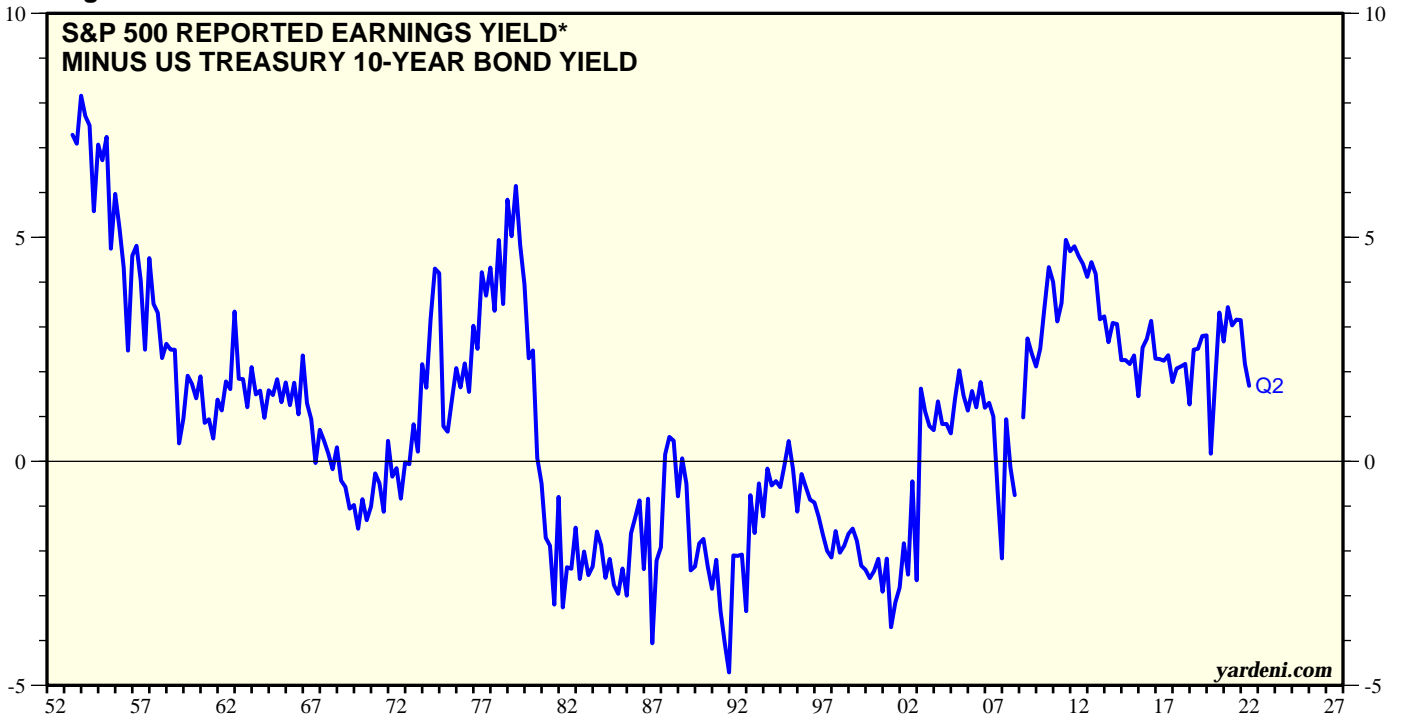


* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of negative value.

Source: Standard & Poor's and Federal Reserve Board.

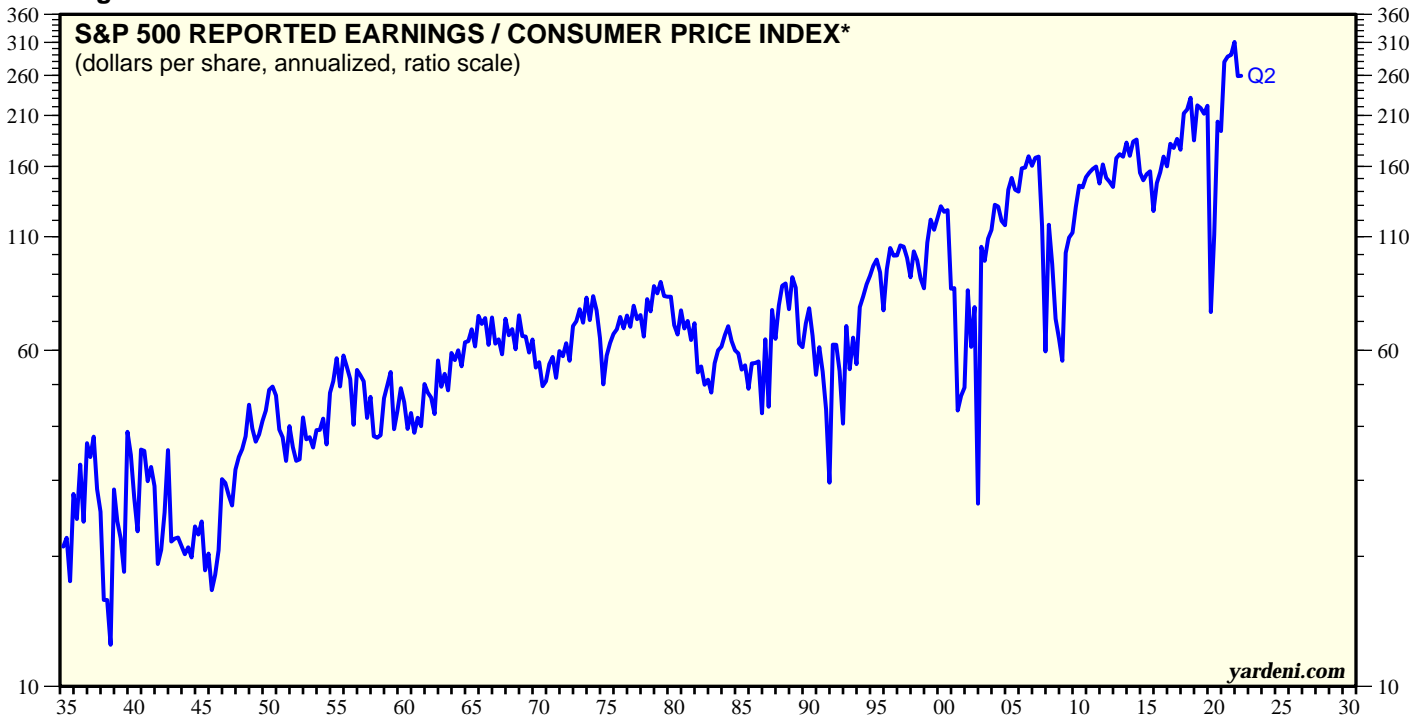
S&P 500 Earnings Yield

Figure 11.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of negative value. Source: Standard & Poor's and Federal Reserve Board.

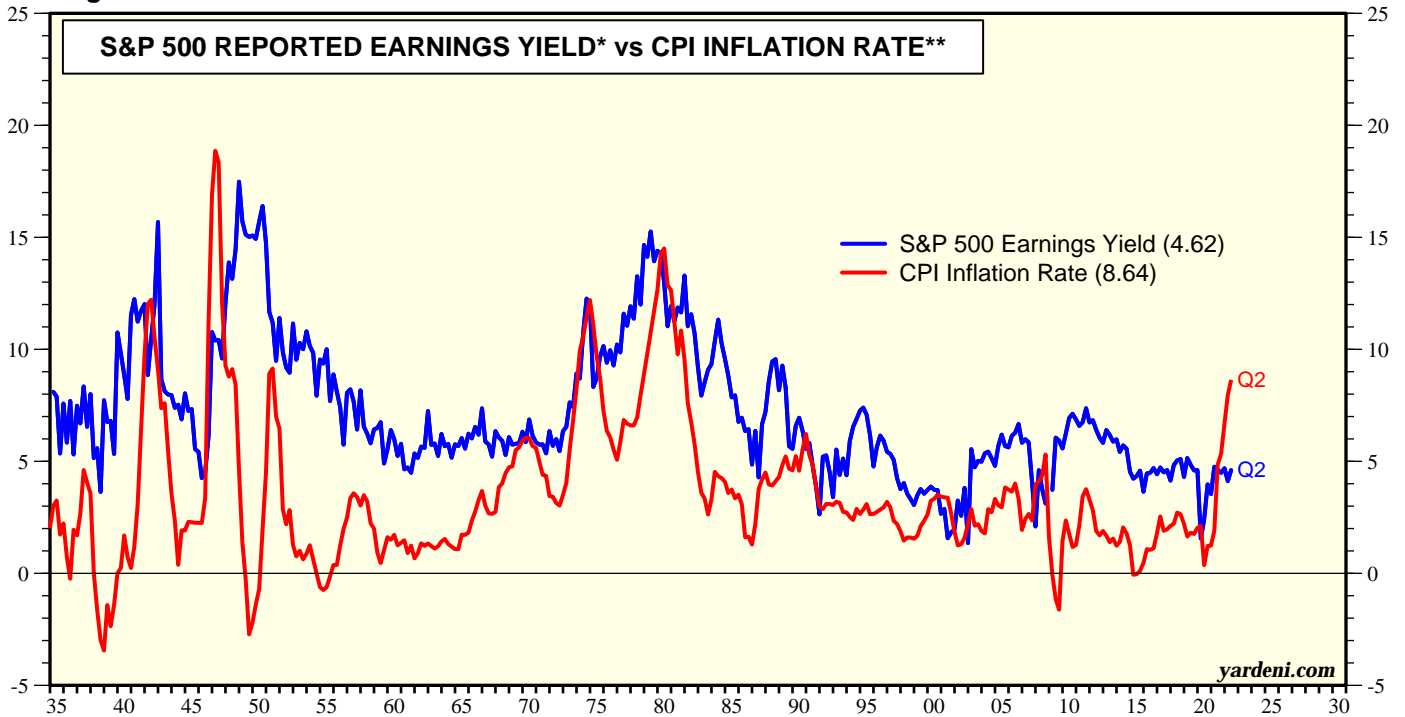
Figure 12.



* S&P 500 reported earnings divided by consumer price index (three-month average of each quarter). Q4-2008 dropped because of negative value. Source: Standard & Poor's and Bureau of Labor Statistics.

S&P 500 Earnings Yield

Figure 13.

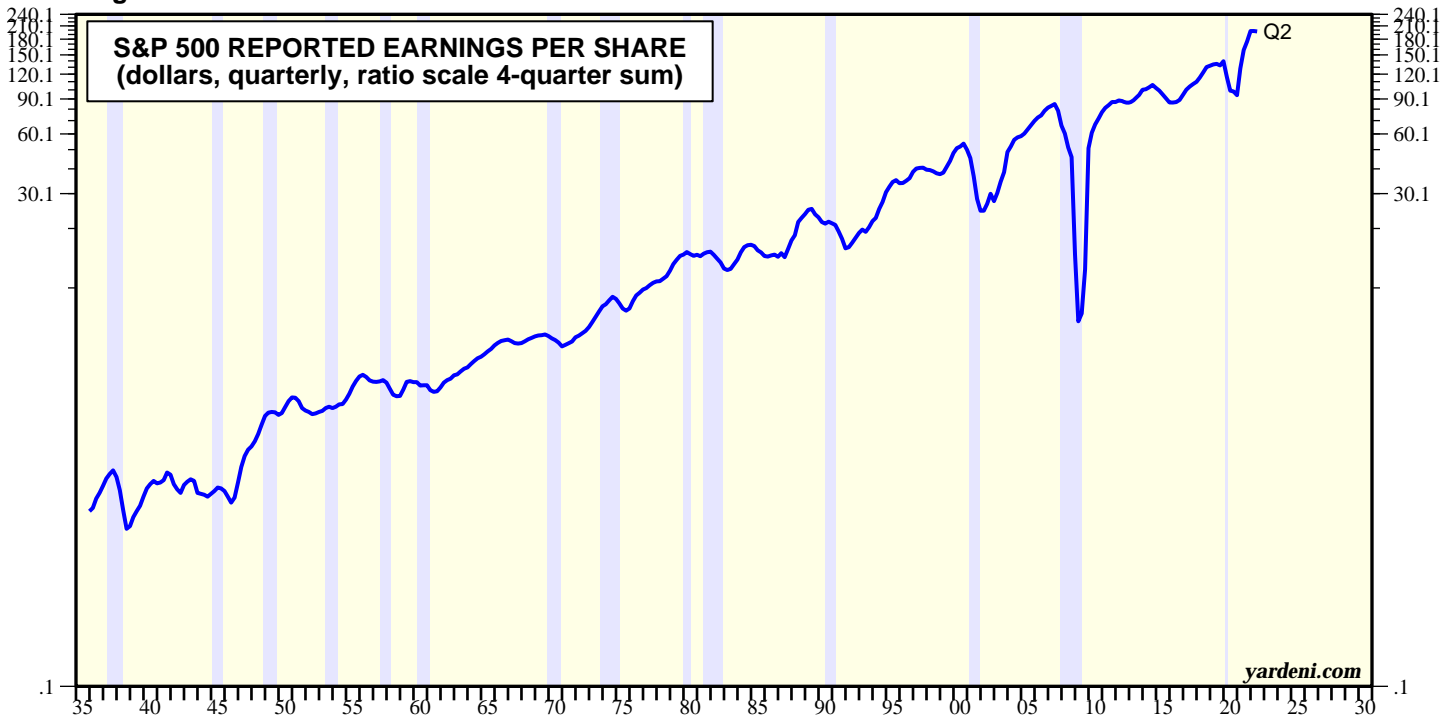


* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 dropped because of negative value.

** Year-over-year percent change in three-month average of each quarter.

Source: Standard & Poor's and Bureau of Labor Statistics.

Figure 14.

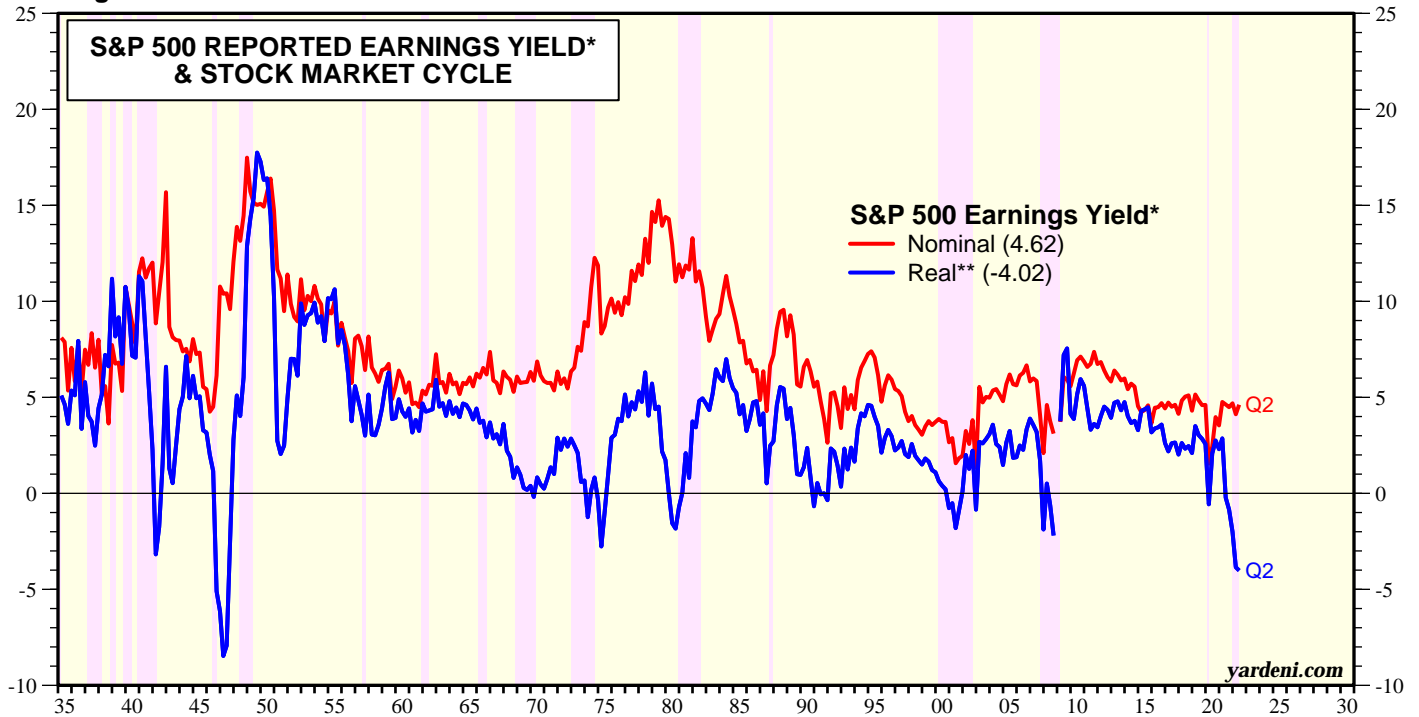


Note: Shaded areas are recessions according to the National Bureau of Economic Research.

Source: Standard & Poor's.

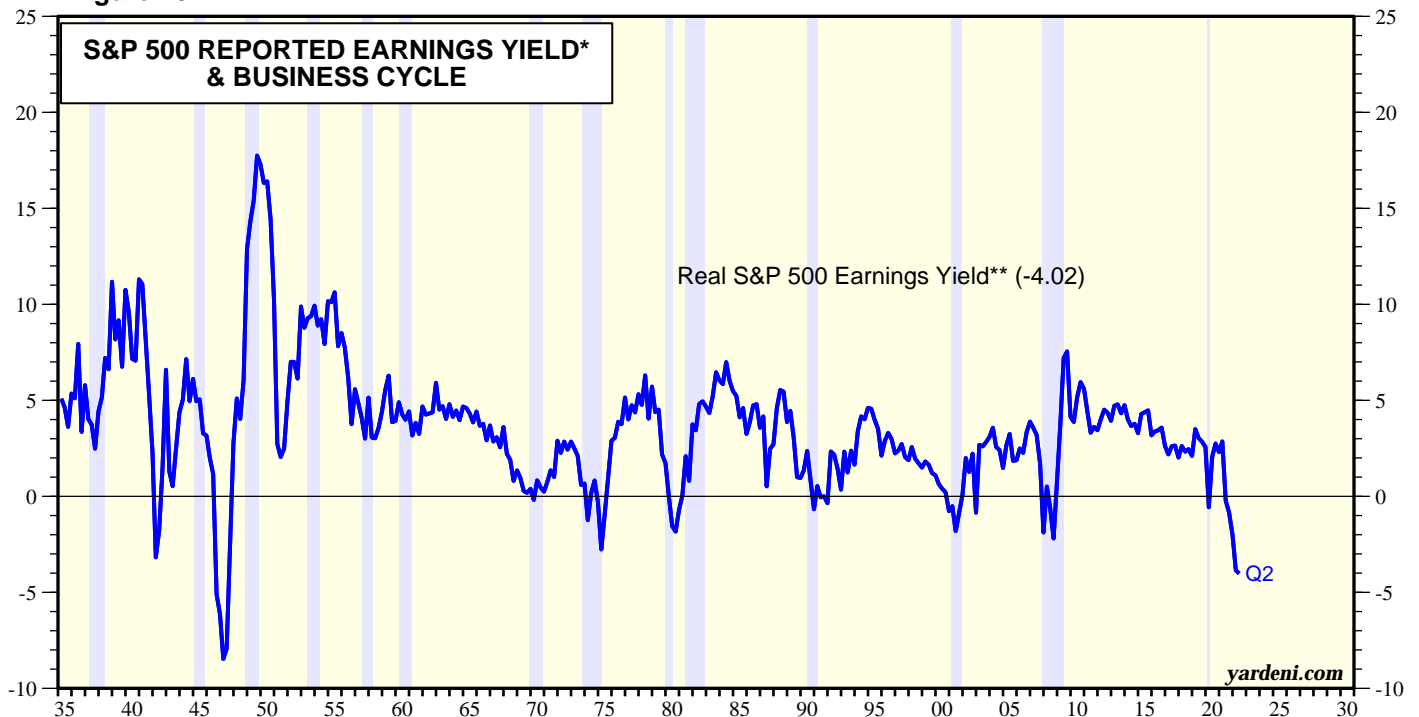
S&P 500 Earnings Yield

Figure 15.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 deleted because of negative value.
 ** Nominal earnings yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Standard & Poor's and Bureau of Labor Statistics.

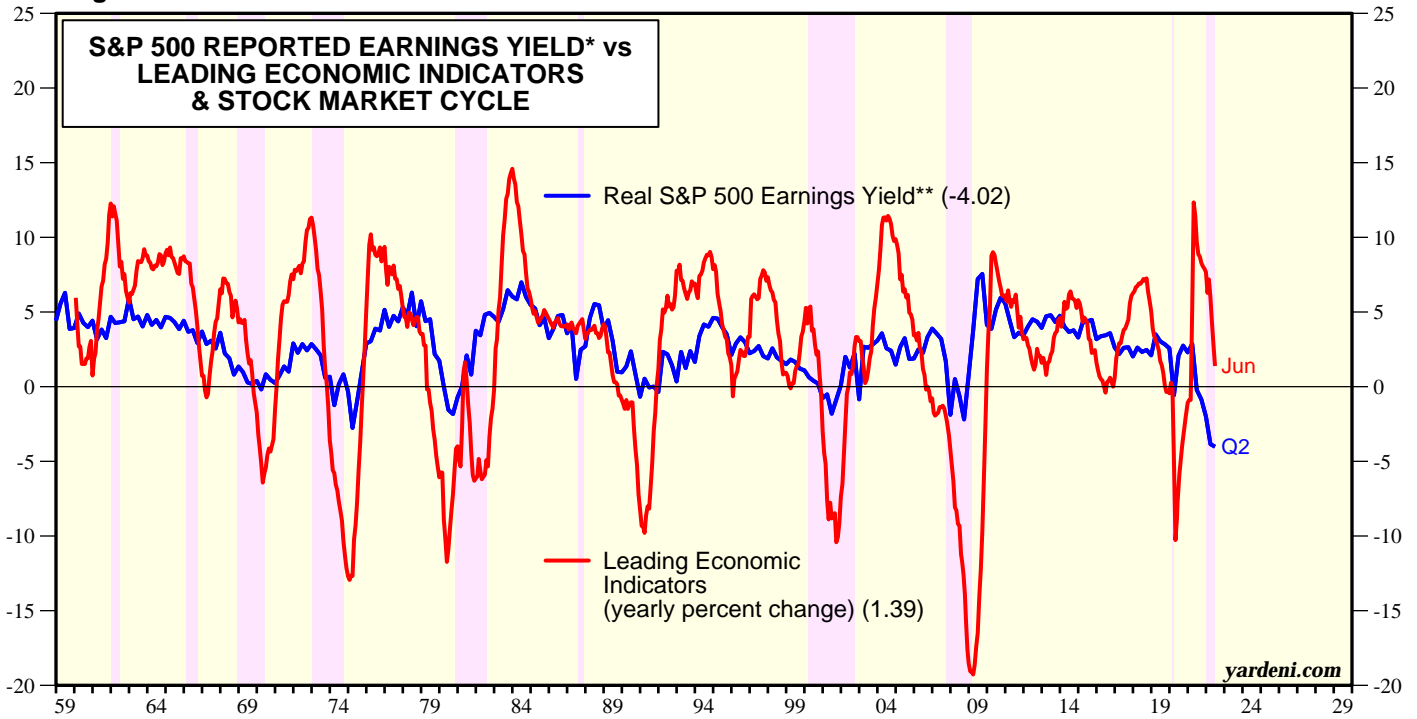
Figure 16.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 deleted because of negative value.
 ** Nominal earnings yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Standard & Poor's and the Conference Board.

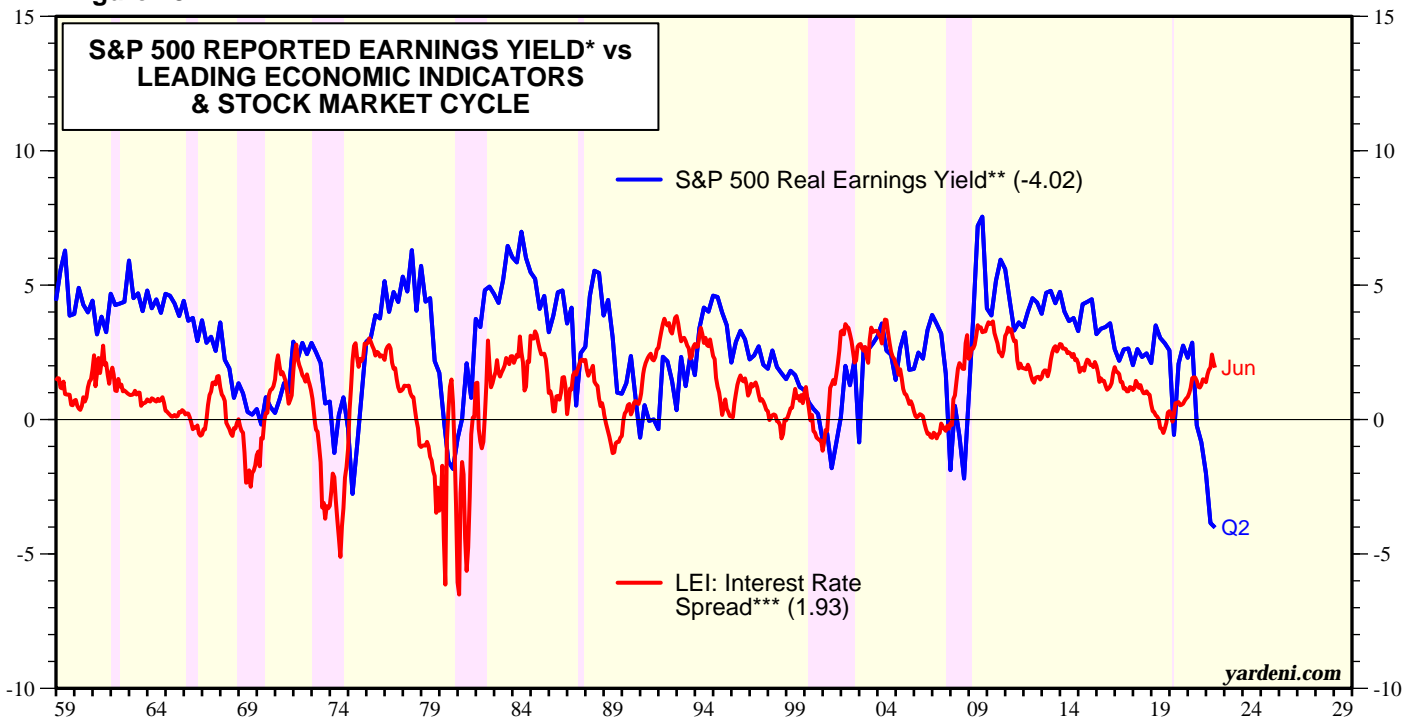
S&P 500 Earnings Yield

Figure 17.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 deleted because of negative value.
 ** Nominal earnings yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Standard & Poor's and the Conference Board.

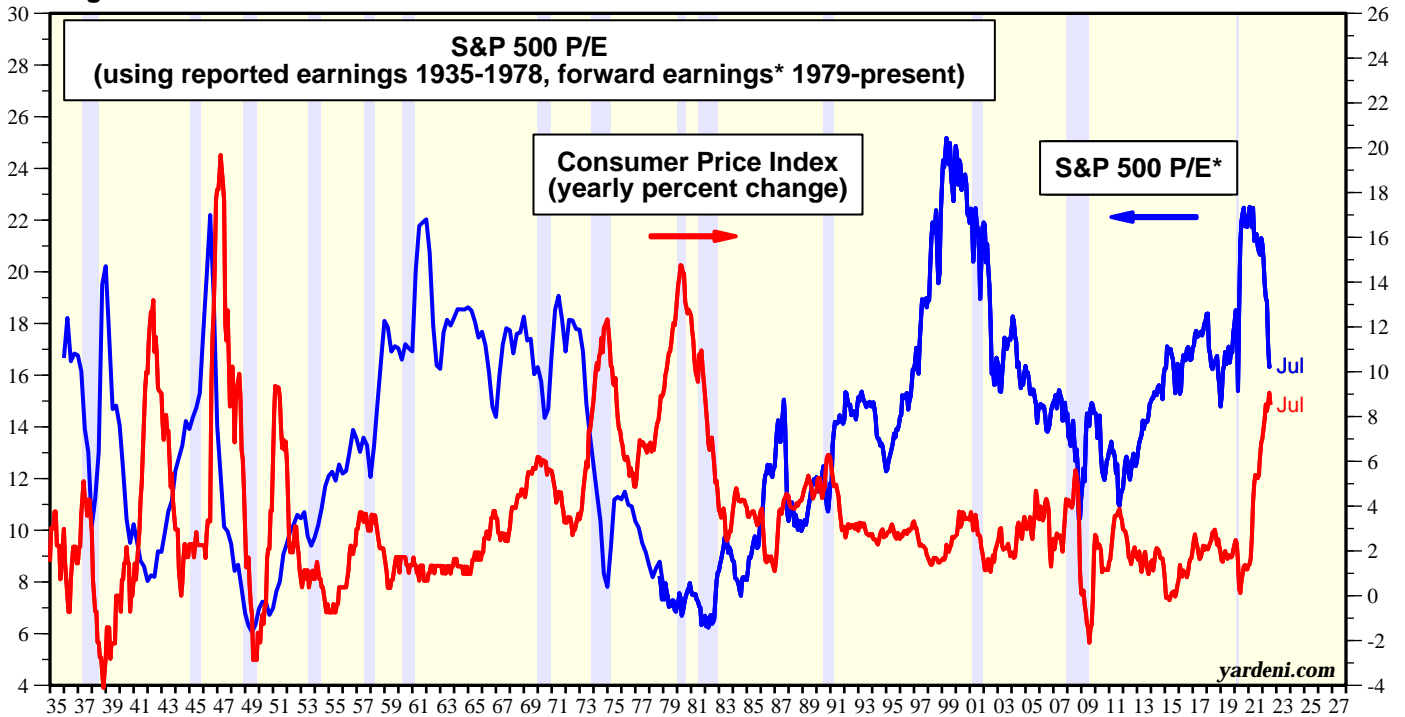
Figure 18.



* S&P 500 reported earnings as a percent of quarterly average S&P 500 index. Q4-2008 deleted because of negative value.
 ** Nominal earnings yield minus CPI inflation rate on y/y basis using quarterly data based on 3-month averages.
 *** 10-year US Treasury bond yield minus federal funds rate.
 Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
 Source: Standard & Poor's and the Conference Board.

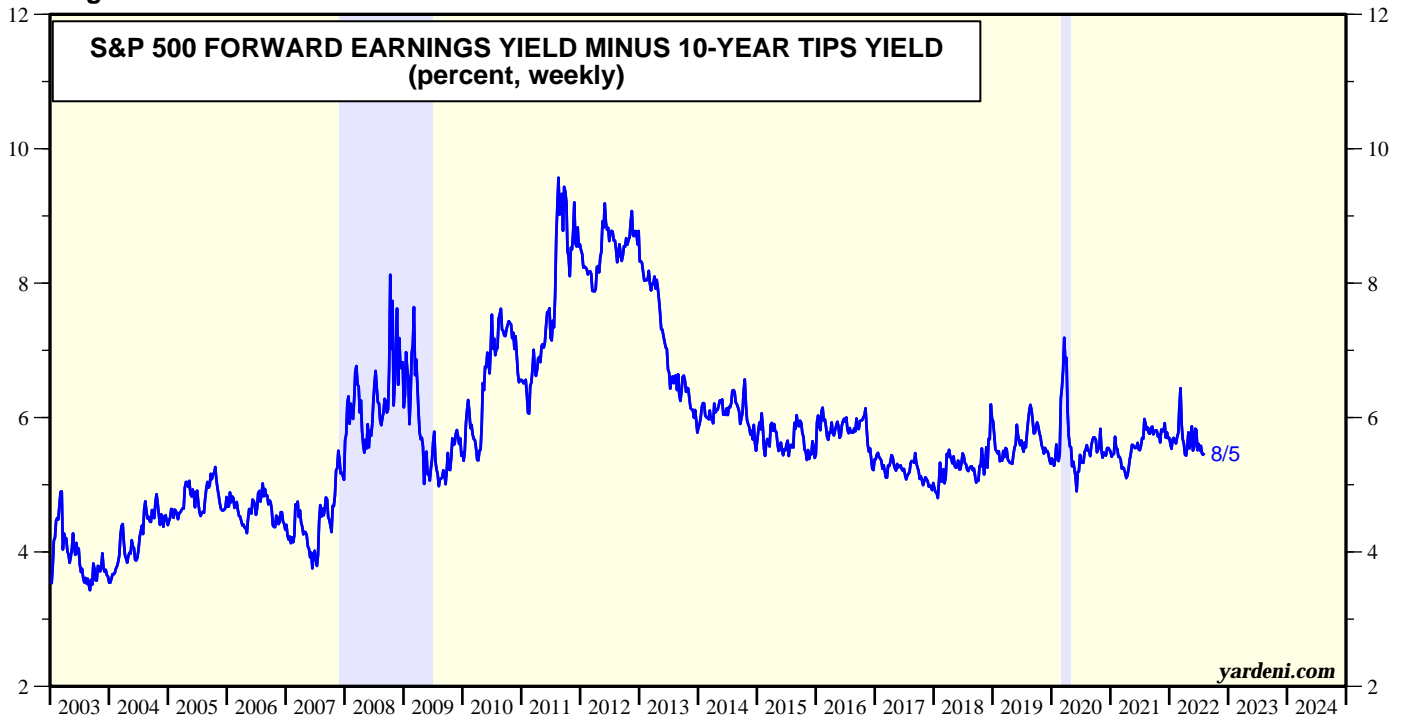
S&P 500 Earnings Yield

Figure 19.



* Four-quarter trailing sum of reported earnings through 1978, then time-weighted average of analysts' consensus estimates for S&P 500 operating earnings per share for current year and next year. Monthly from January 1979.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: I/B/E/S data by Refinitiv and Standard & Poor's.

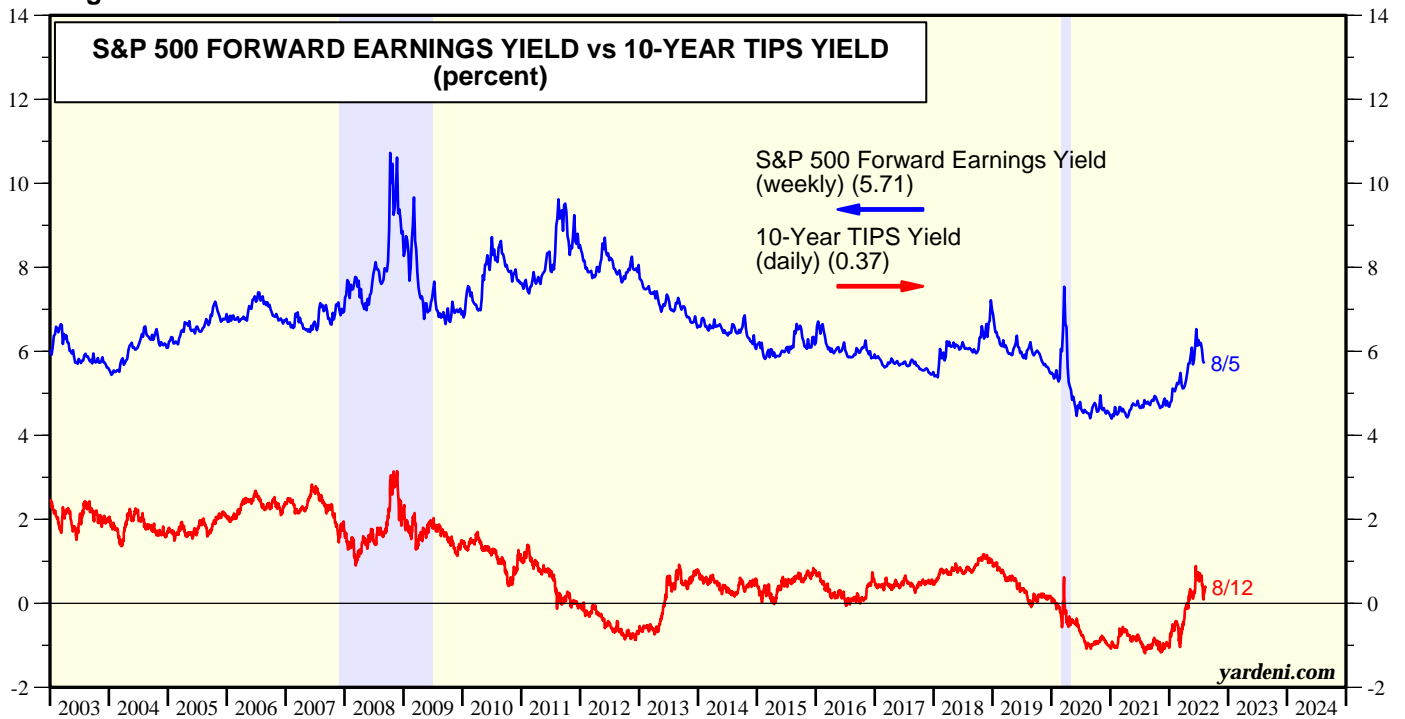
Figure 20.



* Time-weighted average of consensus operating earnings estimates for current and next years.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: I/B/E/S data by Refinitiv, Standard & Poors, and Federal Reserve Board.

S&P 500 Earnings Yield

Figure 21.



* Time-weighted average of consensus S&P 500 operating earnings estimates for current and next years divided by S&P 500 stock price index.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: I/B/E/S data by Refinitiv, Standard & Poors, and Federal Reserve Board.

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