Chart Collection for Morning Briefing

Yardeni Research, Inc.

May 25, 2022

Dr. Edward Yardeni

516-972-7683 eyardeni@yardeni.com

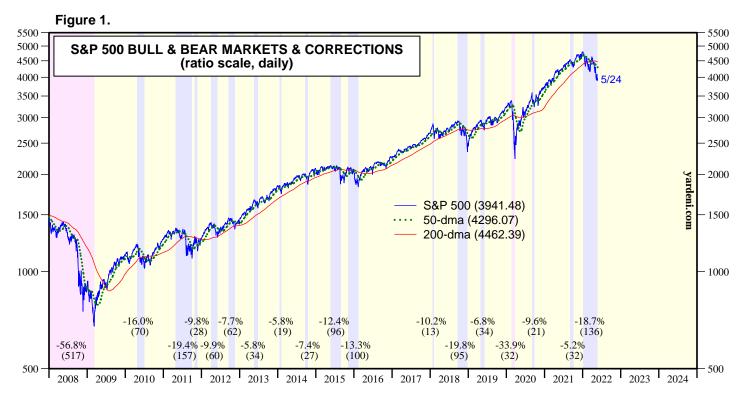
Mali Quintana

480-664-1333 aquintana@yardeni.com

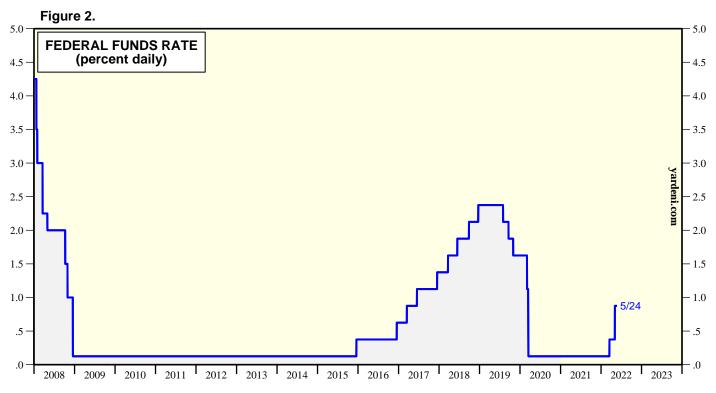
Please visit our sites at www.yardeni.com blog.yardeni.com



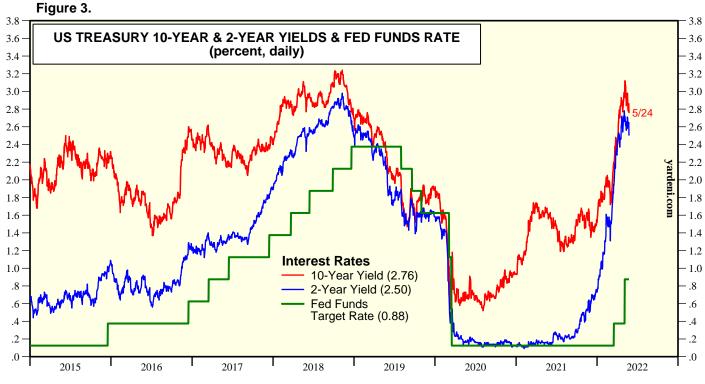
thinking outside the box

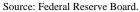


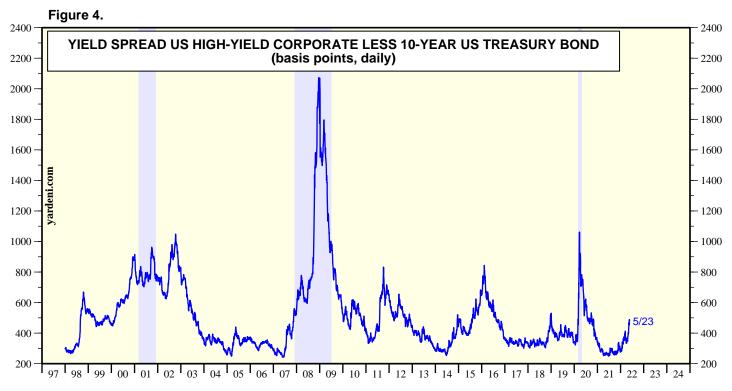
Note: Corrections are declines of 10% or more, but less than 20%, while minor ones are 5%-10% (all in blue shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses. Source: Standard & Poor's.



Source: Federal Reserve Board.

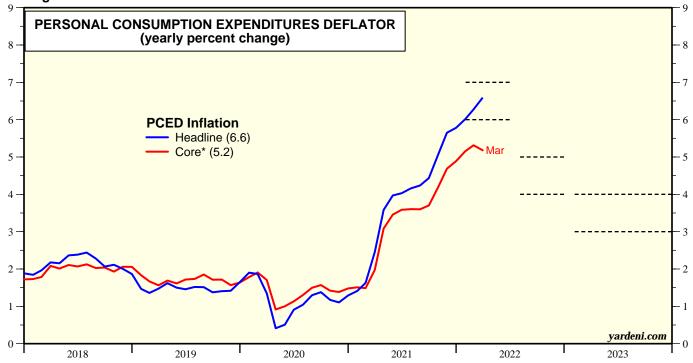




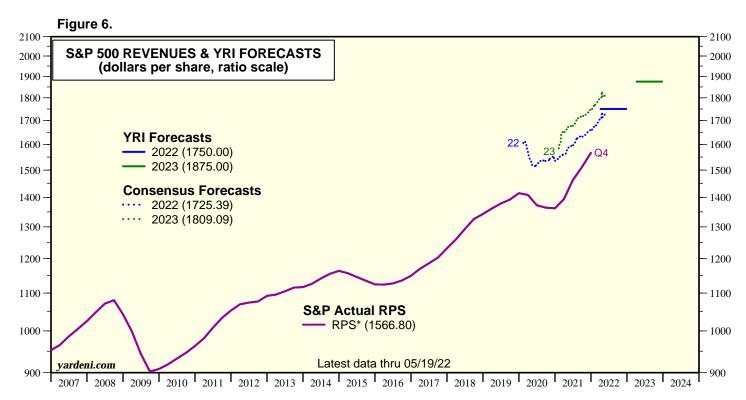


Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Bank of America Merrill Lynch and Federal Reserve Board.

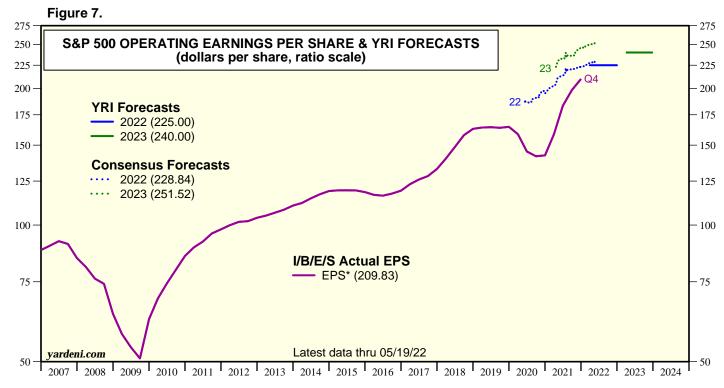




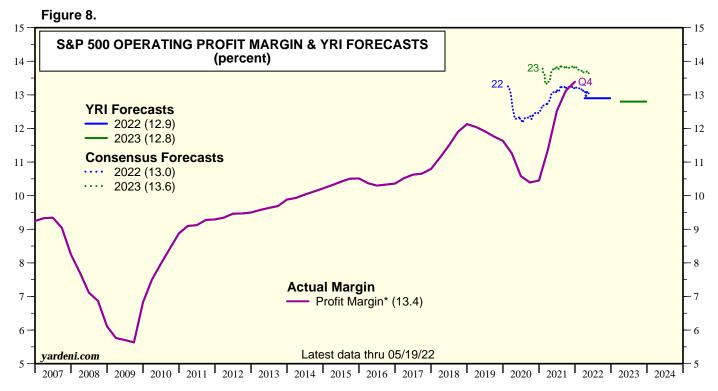
Excluding food & energy. Note: Dashed ranges are YRI forecasts. Source: Bureau of Economic Analysis.



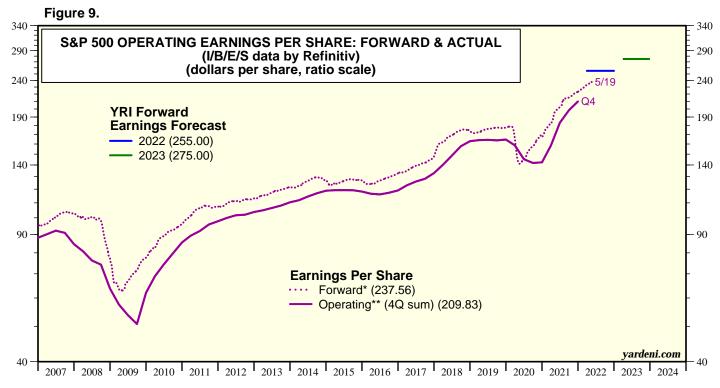
^{*} Four-quarter trailing sum of revenues per share. Source: I/B/E/S data by Refinitiv.



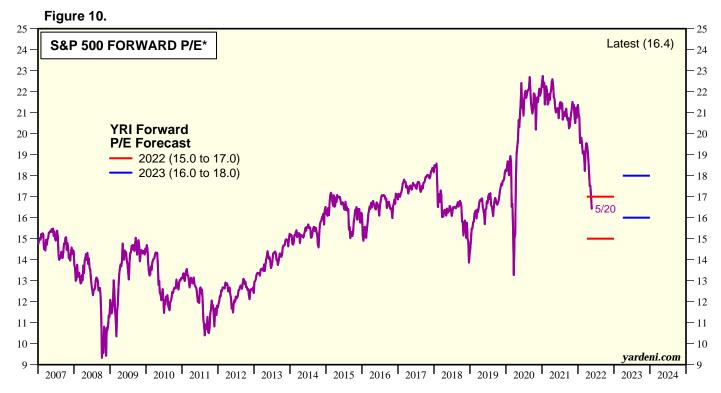
* Four-quarter trailing sum of operating earnings per share. Source: I/B/E/S data by Refinitiv.



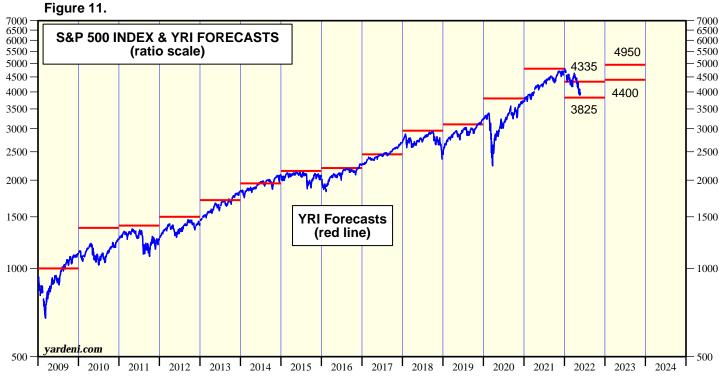
^{*} Four-quarter trailing operating profit margin. Source: I/B/E/S data by Refinitiv and Standard & Poor's.



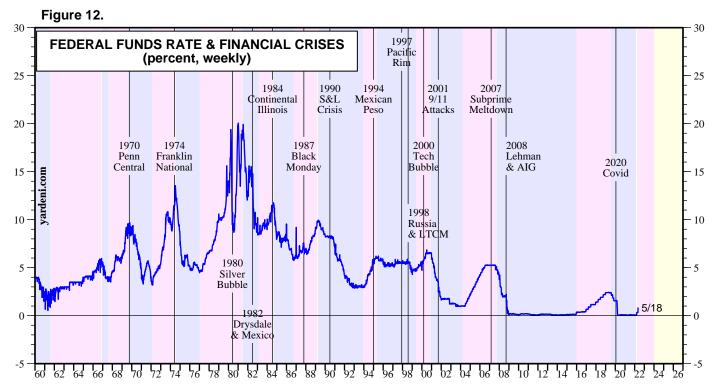
 ^{*} Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, then weekly.
 * From S&P until Q4-1993, then from I/B/E/S data by Refinitiv.
 Source: I/B/E/S data by Refinitiv.



^{*} Average weekly price divided by 52-week forward consensus expected operating earnings per share. Source: Standard & Poor's and I/B/E/S data by Refinitiv.

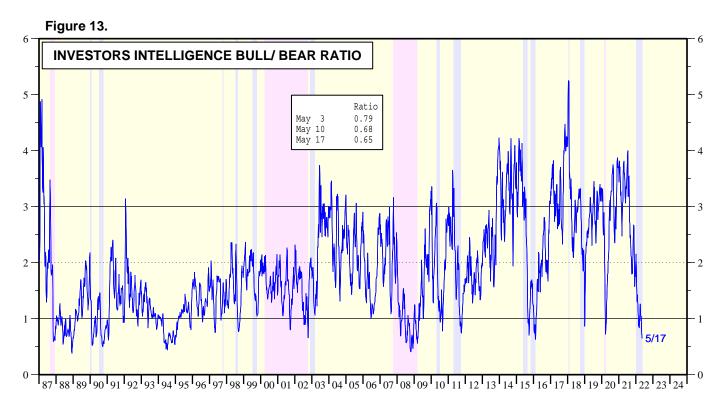


Source: Standard & Poor's.



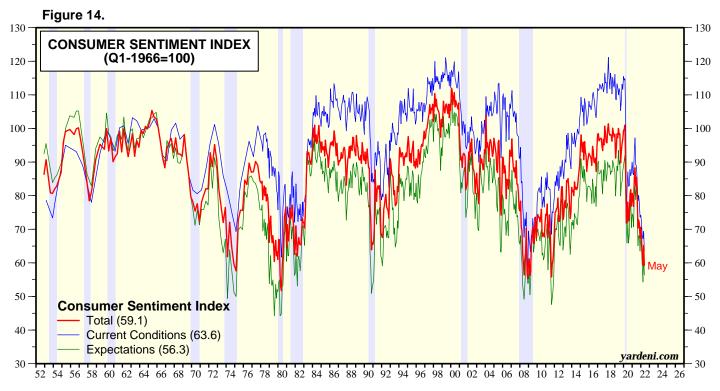
Note: Blue shaded areas are periods of monetary easing between cyclical peaks and troughs in the federal funds rate. Red shaded areas are monetary tightening periods.

Source: Federal Reserve Board.

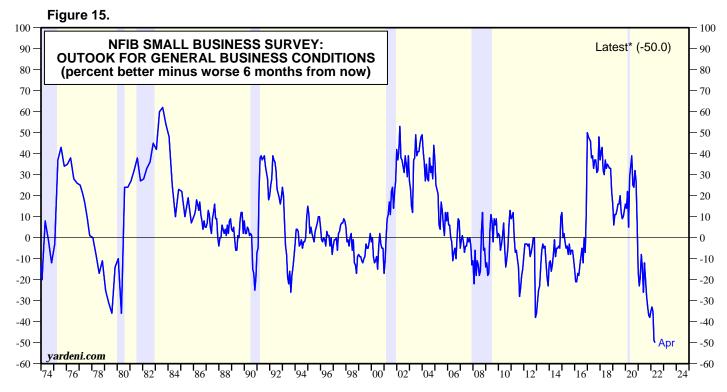


Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Blue shaded areas are correction declines of 10% to less than 20%. Yellow areas are bull markets.

Source: Investors Intelligence.



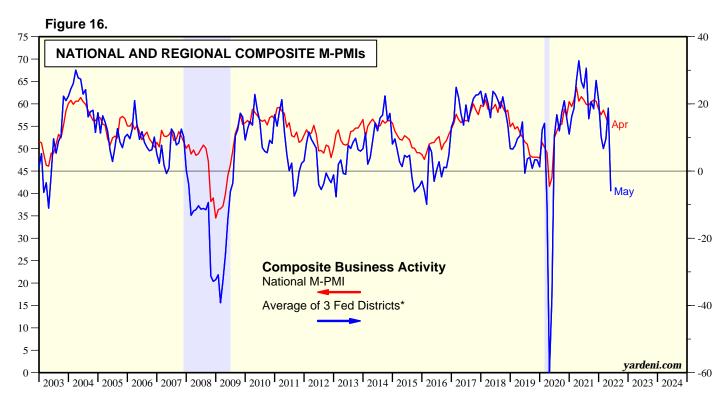
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: University of Michigan Survey Research Center



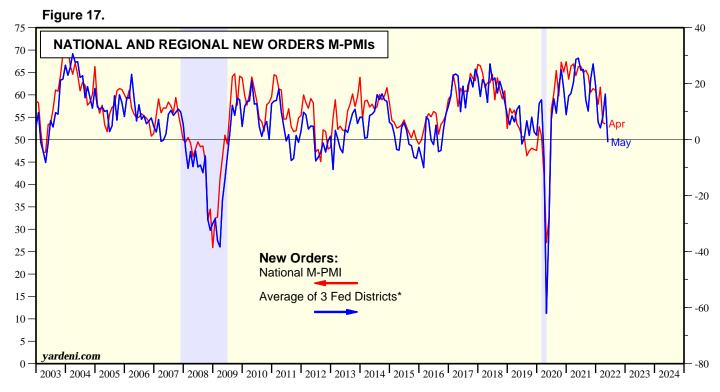
First month of every quarter from 1974 to 1986, then monthly.

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

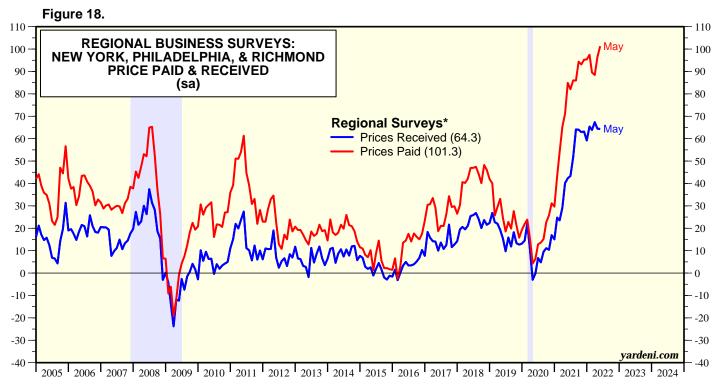
Source: National Federation of Independent Business.



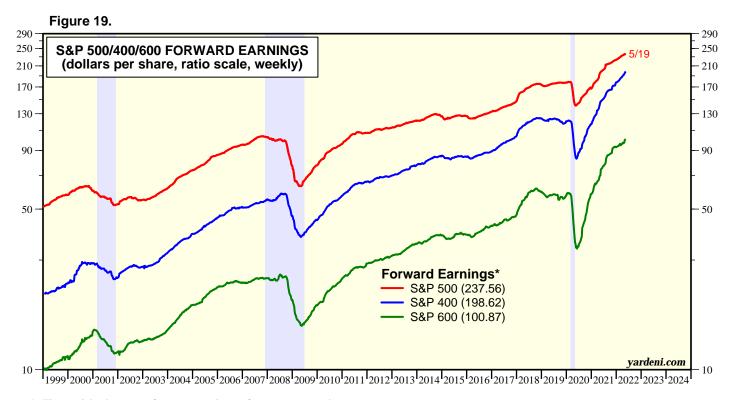
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: *Federal Reserve Banks of New York, Philadelphia and Richmond.



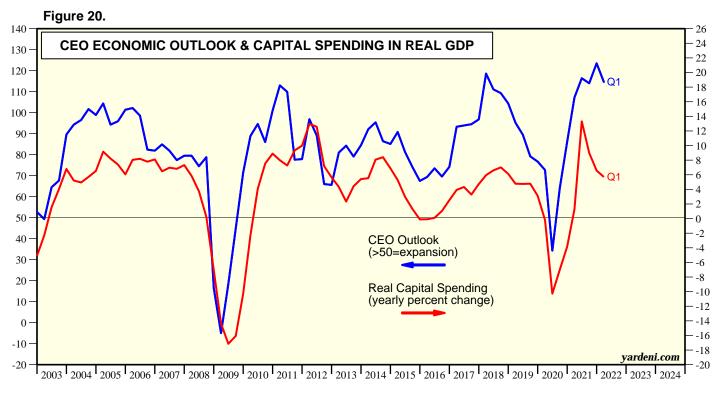
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Banks of New York, Philadelphia, and Richmond.



^{*} Average of prices paid and received in surveys conducted by New York, Philadelphia, and Richmond Fed district banks. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Banks of New York, Philadelphia, and Richmond.



^{*} Time-weighted average of consensus estimates for current year and next year. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv.



Source: Business Roundtable, Bureau of Economic Analysis, and Haver Analytics.

Copyright (c) Yardeni Research, Inc. 2022. All rights reserved. The information contained herein has been obtained from sources believed to be reliable, but is not necessarily complete and its accuracy cannot be guaranteed. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness, or correctness of the information and opinions contained herein. The views and the other information provided are subject to change without notice. All reports and podcasts posted on www.yardeni.com, blog.yardeni.com, and YRI's Apps are issued without regard to the specific investment objectives, financial situation, or particular needs of any specific recipient and are not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. Past performance is not necessarily a guide to future results. Company fundamentals and earnings may be mentioned occasionally, but should not be construed as a recommendation to buy, sell, or hold the company's stock. Predictions, forecasts, and estimates for any and all markets should not be construed as recommendations to buy, sell, or hold any security--including mutual funds, futures contracts, and exchange traded funds, or any similar instruments.

The text, images, and other materials contained or displayed on any Yardeni Research, Inc. product, service, report, email or website are proprietary to Yardeni Research, Inc. and constitute valuable intellectual property. No material from any part of www.yardeni.com, blog.yardeni.com, and YRI's Apps may be downloaded, transmitted, broadcast, transferred, assigned, reproduced or in any other way used or otherwise disseminated in any form to any person or entity, without the explicit written consent of Yardeni Research, Inc. All unauthorized reproduction or other use of material from Yardeni Research, Inc. shall be deemed willful infringement(s) of this copyright and other proprietary and intellectual property rights, including but not limited to, rights of privacy. Yardeni Research, Inc. expressly reserves all rights in connection with its intellectual property, including without limitation the right to block the transfer of its products and services and/or to track usage thereof, through electronic tracking technology, and all other lawful means, now known or hereafter devised. Yardeni Research, Inc. reserves the right, without further notice, to pursue to the fullest extent allowed by the law any and all criminal and civil remedies for the violation of its rights.

The recipient should check any email and any attachments for the presence of viruses. Yardeni Research, Inc. accepts no liability for any damage caused by any virus transmitted by this company's emails, website, blog and Apps. Additional information available on request.