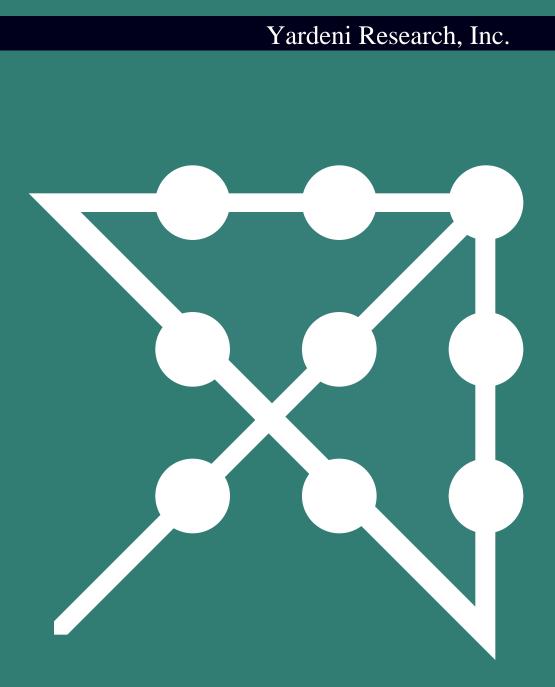
Chart Collection for Morning Briefing



thinking outside the box

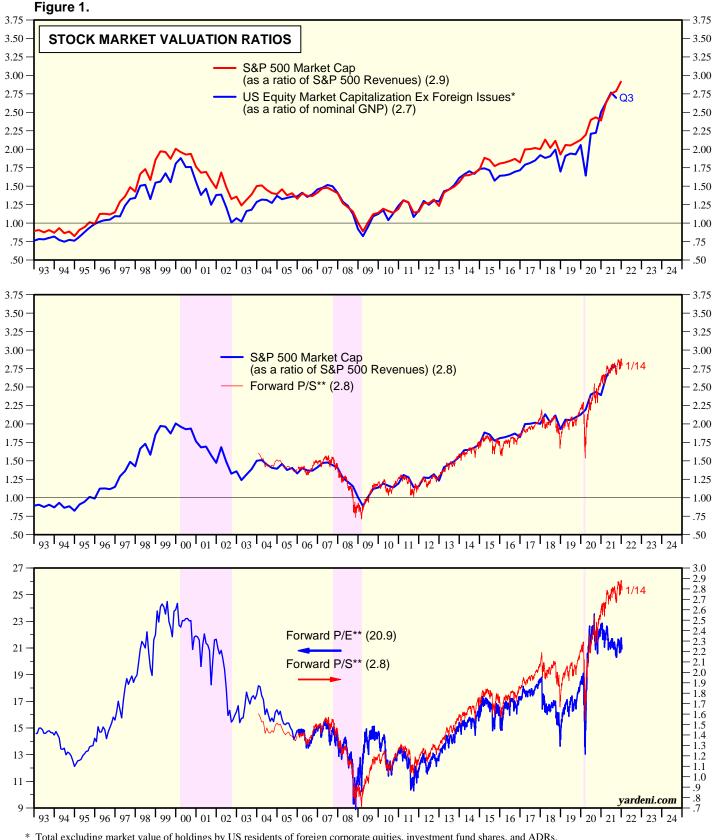
January 18, 2022

Dr. Edward Yardeni

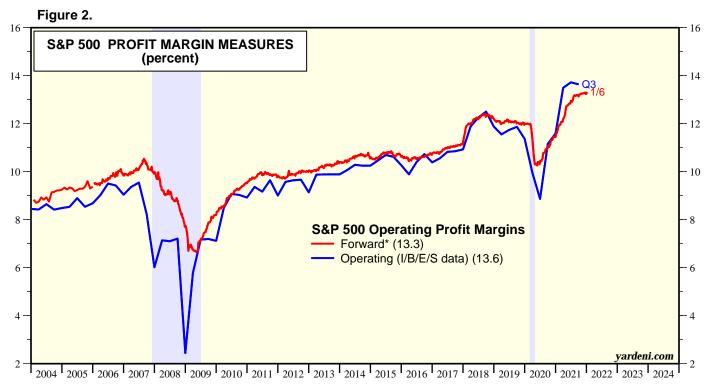
516-972-7683 eyardeni@yardeni.com

Mali Quintana 480-664-1333 aquintana@yardeni.com

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

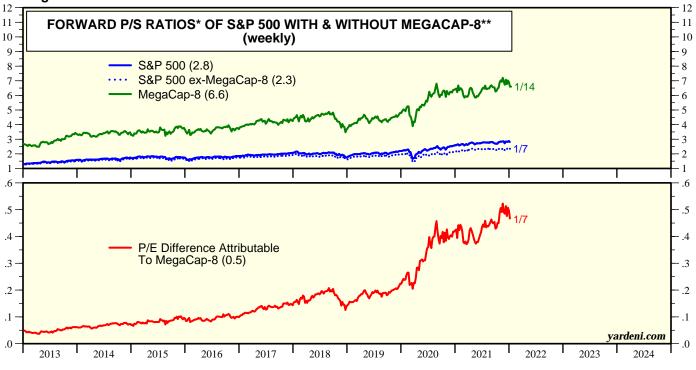


* Total excluding market value of holdings by US residents of foreign corporate quities, investment fund shares, and ADRs.
** S&P 500 index divided by forward consensus expected revenues or earnings per share for S&P 500. Monthly through 2005, then daily. Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.



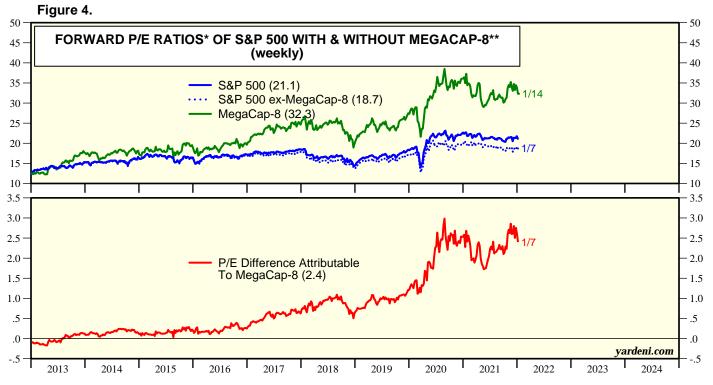
* Time-weighted average of consensus operating earnings estimates for current and next years. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Standard & Poor's (for actual revenues) and I/B/E/S data by Refinitiv (for forward revenues).

Figure 3.



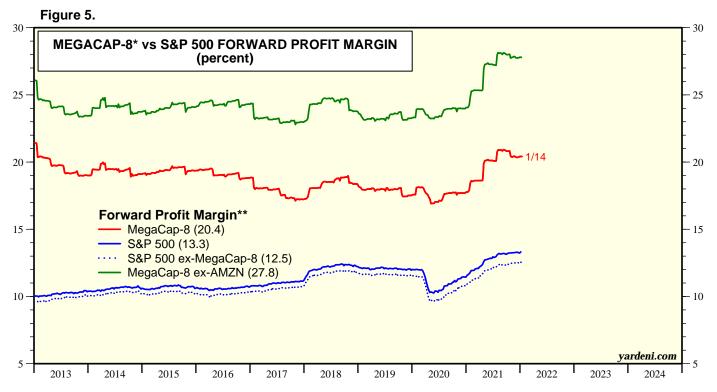
* Price divided by consensus forward revenue forecast.

** MegaCap-8 stocks include Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.

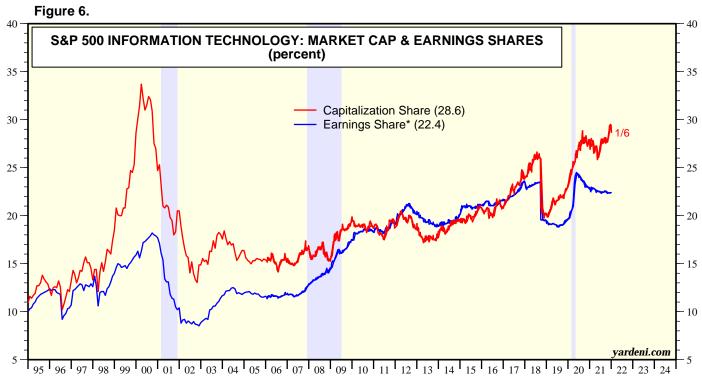


* Price divided by consensus forward earnings forecast.

** MegaCap-8 stocks include Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.

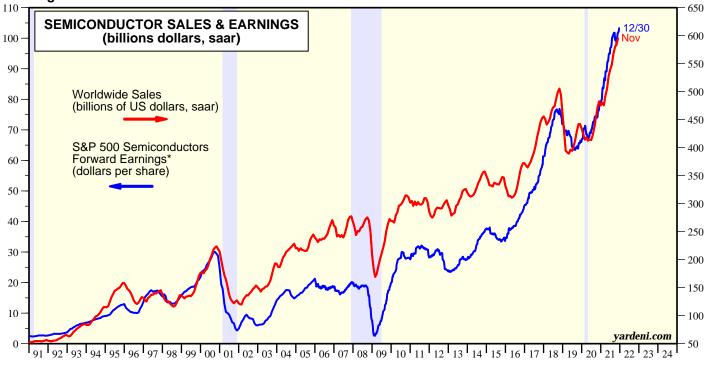


* MegaCap-8 stocks include Alphabet (Google), Amazon, Apple, Meta (Facebook), Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included.
** Aggregate forward consensus expected operating earnings as a percentage of aggregate forward consensus expected revenues.
Source: I/B/E/S data by Refinitiv.

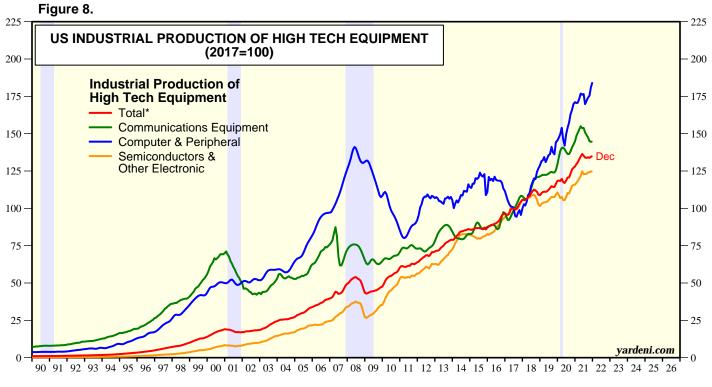


* Using consensus year-ahead forward analysts' consensus expected earnings. Monthly through 2006, then weekly Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv.

Figure 7.

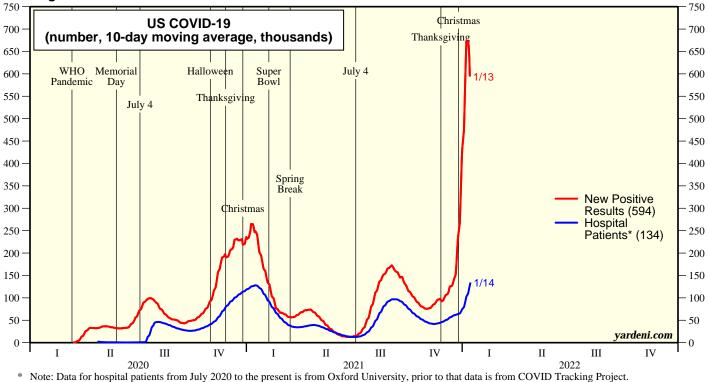


* Time-weighted average of analysts' consensus estimates of S&P 500 Semiconductors operating earnings per share for current year and next year. Monthly through December 2005, then weekly. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Semiconductor Industry Association and I/B/E/S data by Refinitiv.

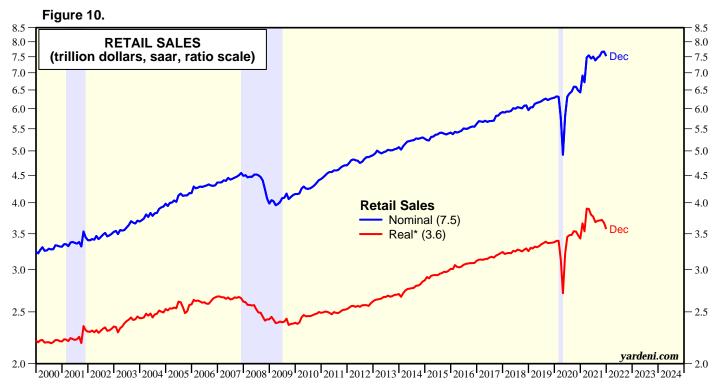


Includes computers, communications and semiconductors. * Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Board.

Figure 9.

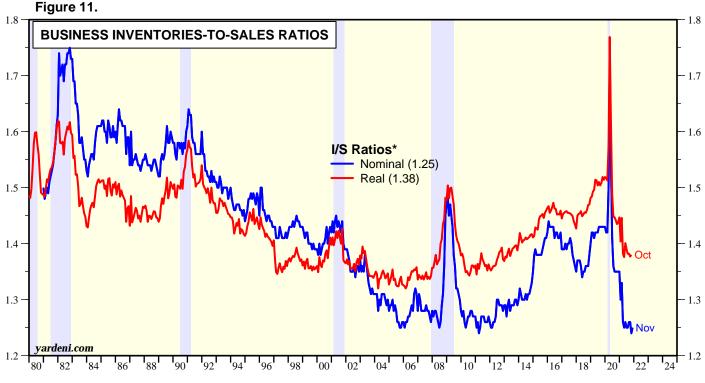


Note: Data for hospital patients from July 2020 to the present is from Oxford University, prior to that data is from COVID Tracking Project. Source: Department of Health & Human Services, Centers for Disease Control & Prevention, COVID Tracking Project and Oxford University.

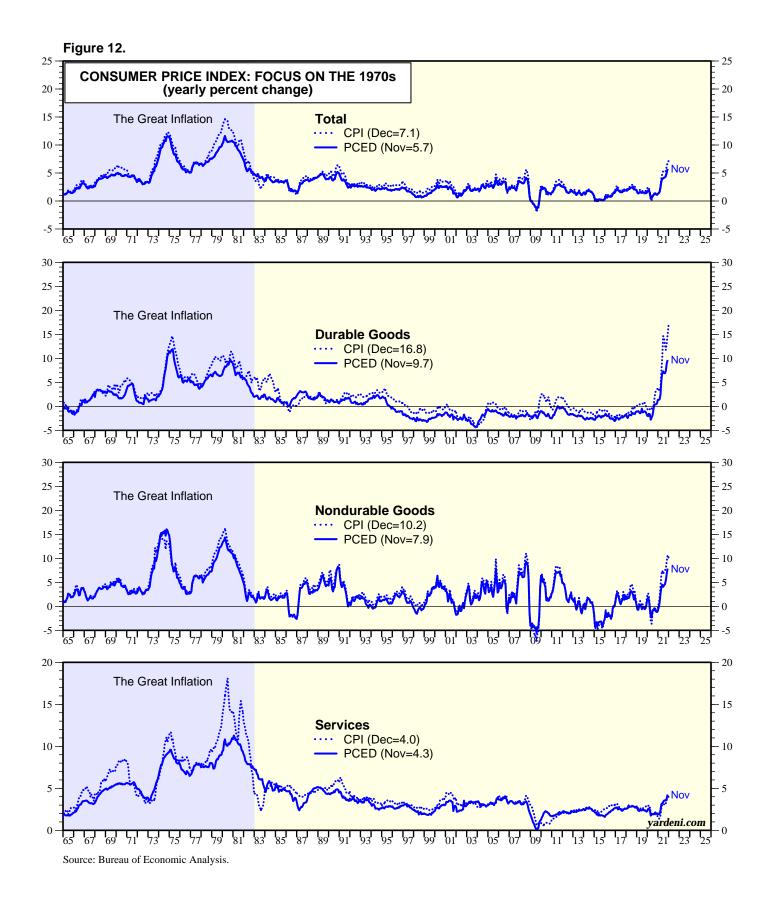


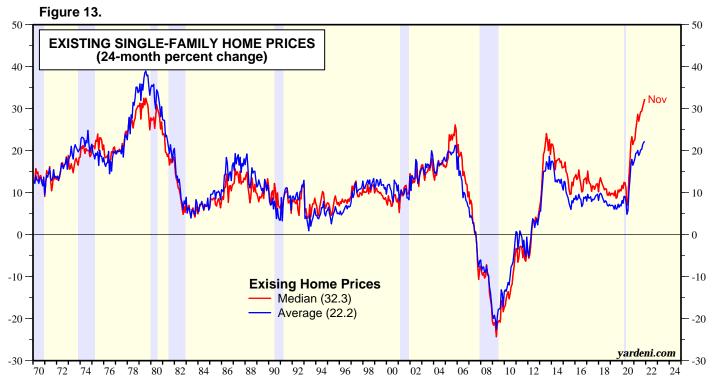
^{*} Deflated by CPI Goods.

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

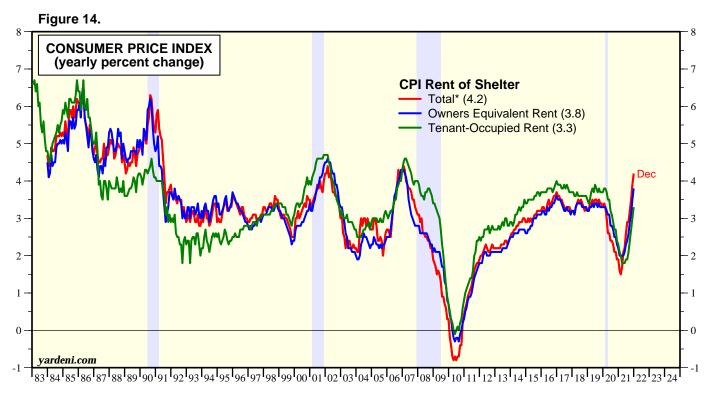


* Includes manufacturing, wholesale trade, and retail trade. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: US Department of Commerce.





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



* Includes owners' equivalent rent, tenant-occupied rent, and lodging away from home. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Bureau of Labor Statistics. **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 <u>www.yardeni.com</u>, <u>blog.yardeni.com</u>, 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.