Chart Collection for Morning Briefing

Yardeni Research, Inc.

May 23, 2023

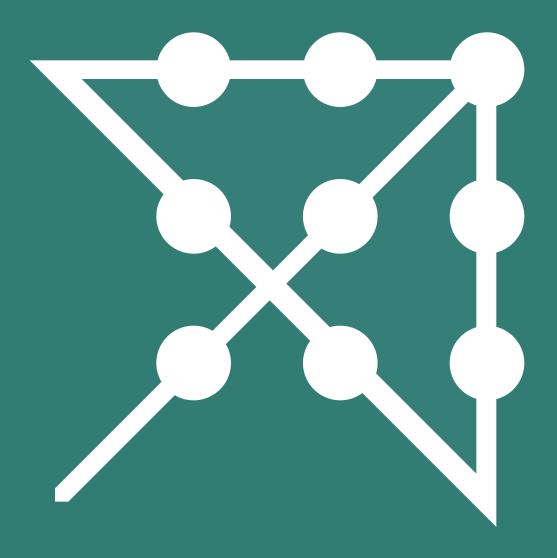
Dr. Edward Yardeni

516-972-7683 eyardeni@yardeni.com

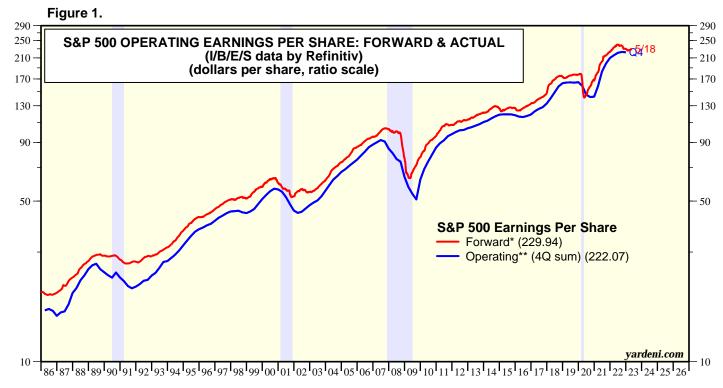
Mali Quintana

480-664-1333 aquintana@yardeni.com

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

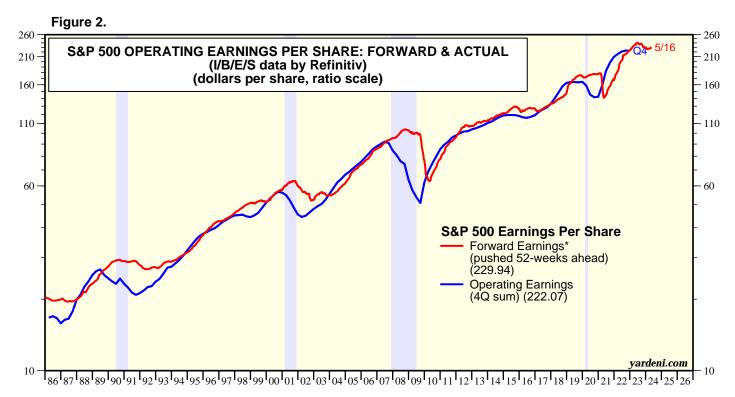


thinking outside the box

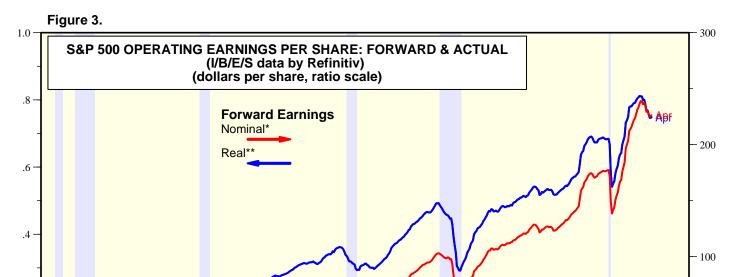


^{*} Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, then weekly. From S&P until Q4-1993, then from I/B/E/S data by Refinitiv.

Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv.



^{*} Time-weighted average of consensus estimates 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: Standard & Poor's until Q4-1993, then I/B/E/S data by Refinitiv.

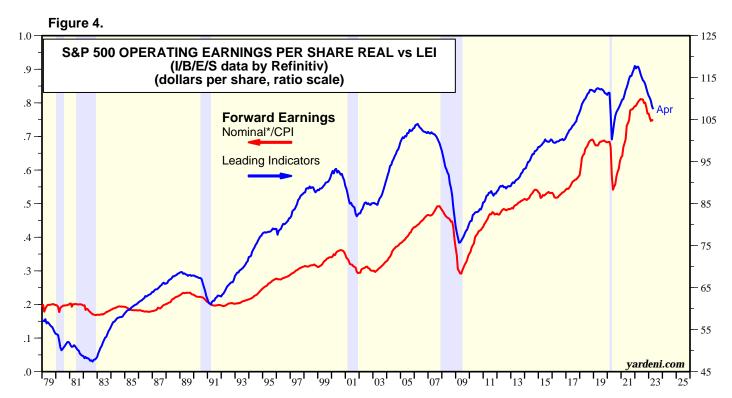


03

Nominal series divided by CPI

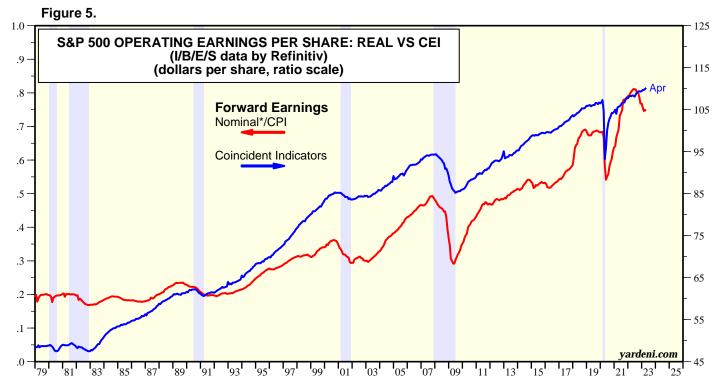
Note: Shaded areas are recessions according to the National Bureau of Economic Research.

Source: I/B/E/S data by Refinitiv and Bureau of Labor Statistics.

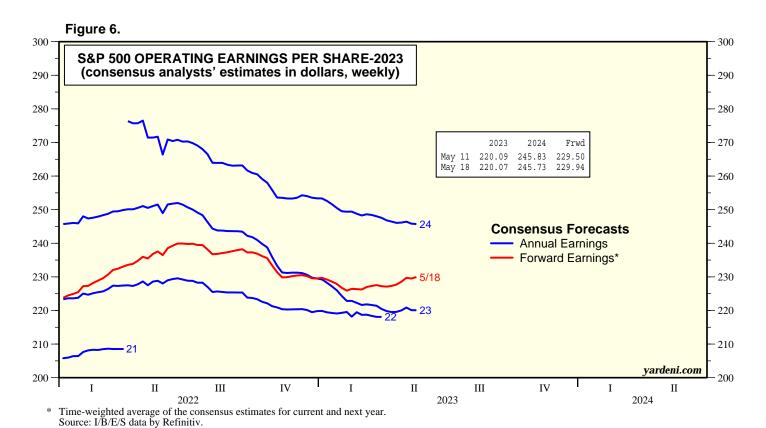


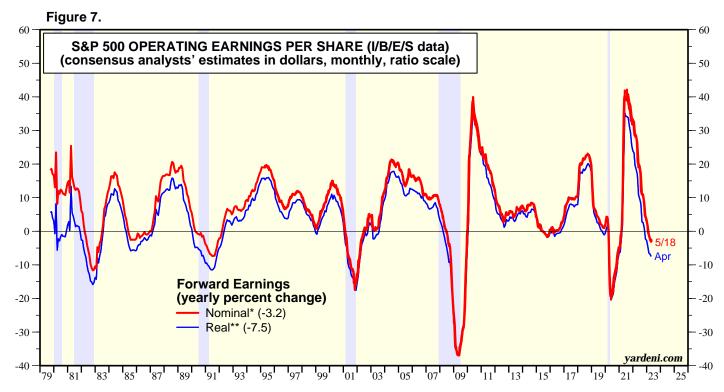
^{*} Time-weighted average of consensus operating earnings estimates for current and next years. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv, Bureau of Labor Statistics, and The Conference Board.

^{*} Time-weighted average of consensus operating earnings estimates for current and next years.
** Nominal series divided by CPI



^{*} 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, Bureau of Labor Statistics, and The Conference Board.



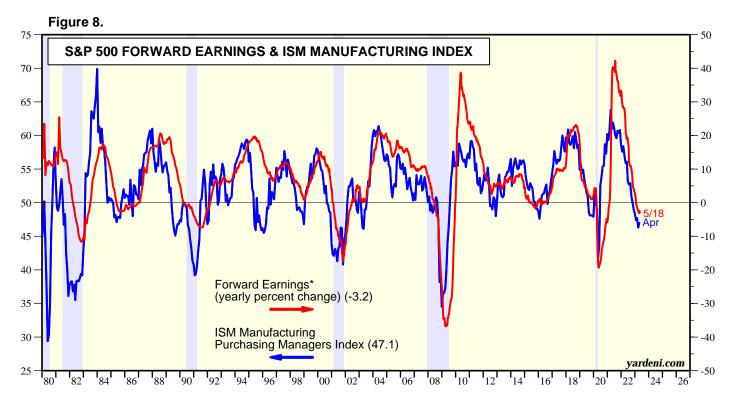


^{*} Time-weighted average of consensus operating earnings estimates for current and next years. Nominal forward earnings divided by headline CPI.

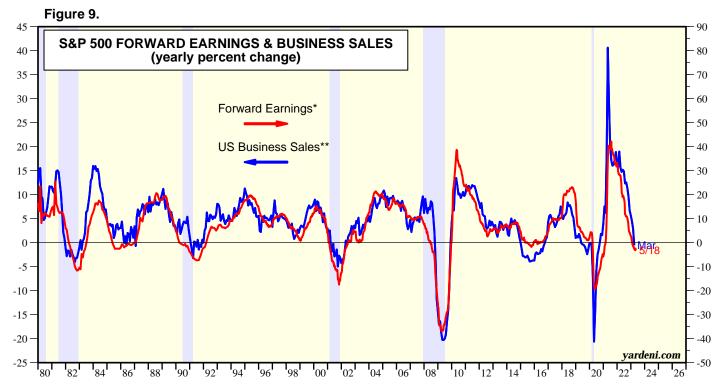
Nominal forward earnings divided by headline CPI.

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

Source: I/B/E/S data by Refinitiv.



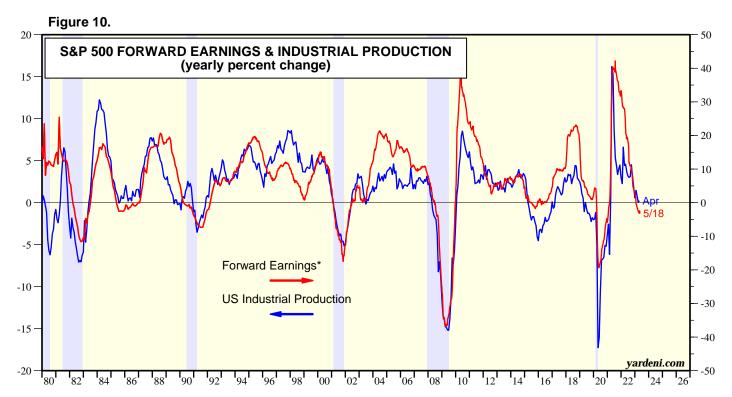
^{*} Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, weekly thereafter. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Institute for Supply Management and I/B/E/S data by Refinitiv.



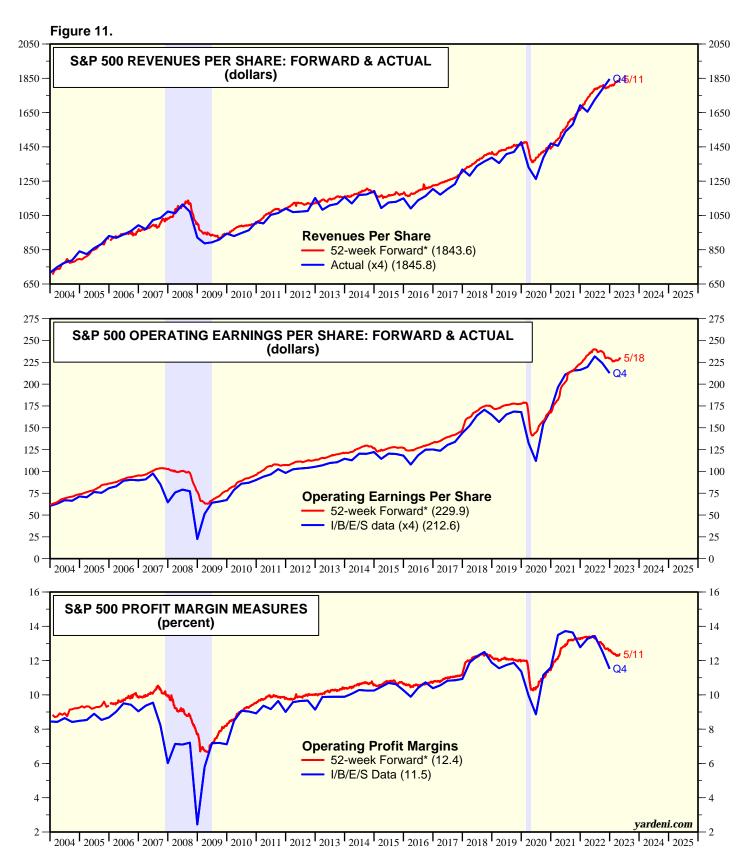
^{*} Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, weekly thereafter.

** Manufacturing and trade sales.

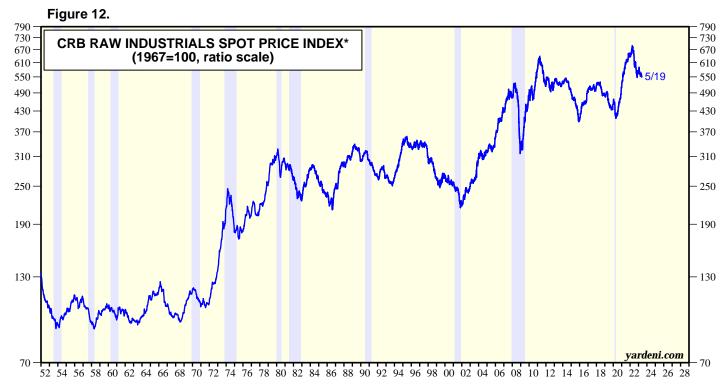
Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv and US Department of Commerce, Bureau of the Census.



^{*} Time-weighted average of consensus operating earnings estimates for current and next year. Monthly through March 1994, weekly thereafter. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: I/B/E/S data by Refinitiv and Board of Governors of the Federal Reserve System.



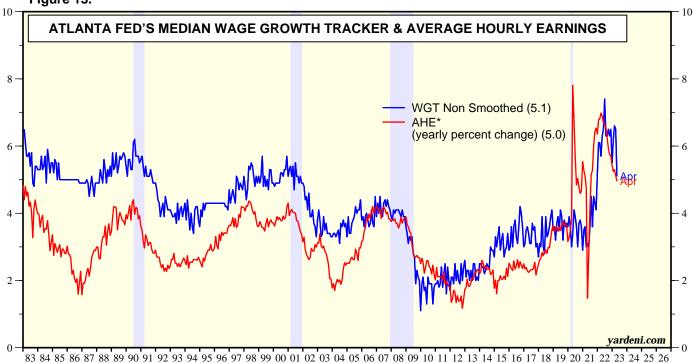
^{*} Time-weighted average of consensus estimates for current and next years. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Standard & Poor's and I/B/E/S data by Refinitiv.



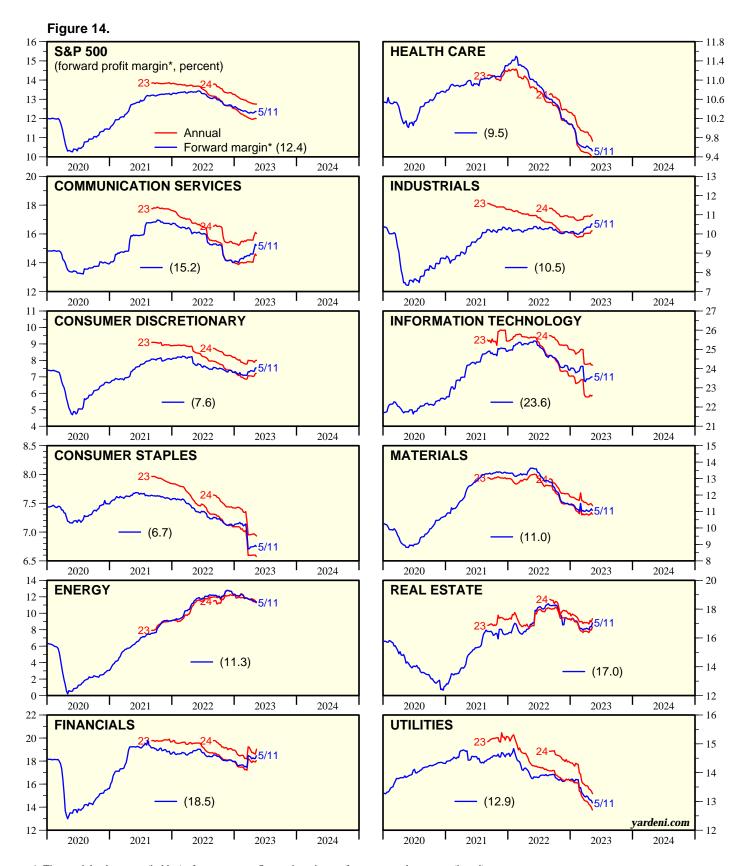
Weekly from 1951 to 1981, then daily. Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

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

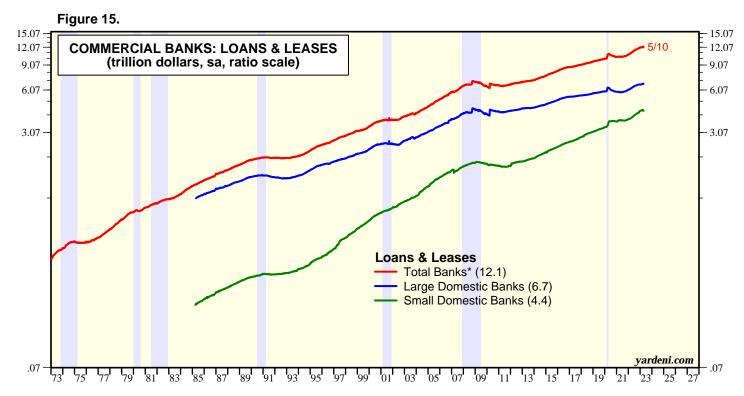




Production and Nonsupervisory workers. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Bureau of Labor Statistics and Federal Reserve Bank of Atlanta.



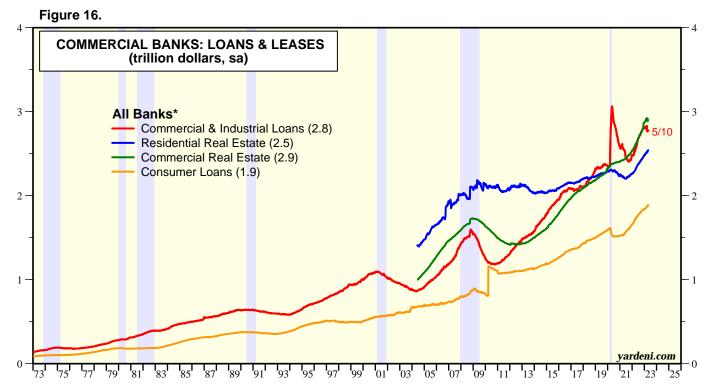
^{*} Time-weighted average (in blue) of consensus profit margin estimates for current and next year (in red). Source: I/B/E/S data by Refinitiv.



^{*} Includes domestically chartered commercial banks and foreign-related ones.

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

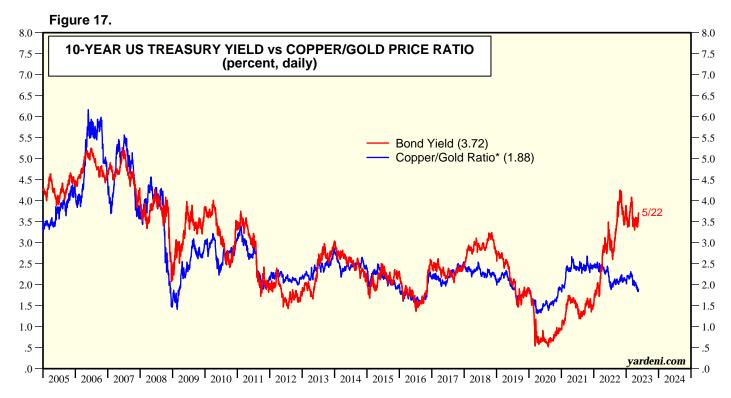
Source: Federal Reserve Board.



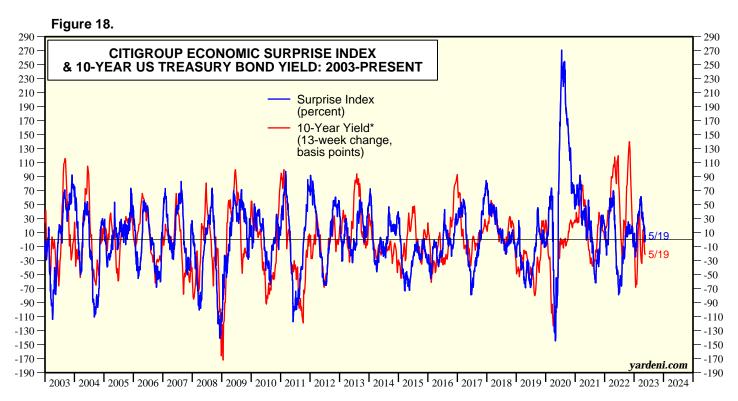
^{*} Includes domestically chartered commercial banks and foreign-related ones.

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

Source: Federal Reserve Board.



Nearby futures price of copper (in dollars, not cents) divided by nearby futures price of gold multiplied by 1000. Source: Federal Reserve Board and Haver Analytics.



^{*} Average for the week ending Friday. Source: Federal Reserve Board and Citigroup.

Copyright (c) Yardeni Research, Inc. 2023. 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.