

# Market Briefing: Nominal & Real Yields & Inflationary Expectations

Yardeni Research, Inc.

*November 22, 2022*

**Dr. Edward Yardeni**

516-972-7683

[eyardeni@yardeni.com](mailto:eyardeni@yardeni.com)

**Debbie Johnson**

480-664-1333

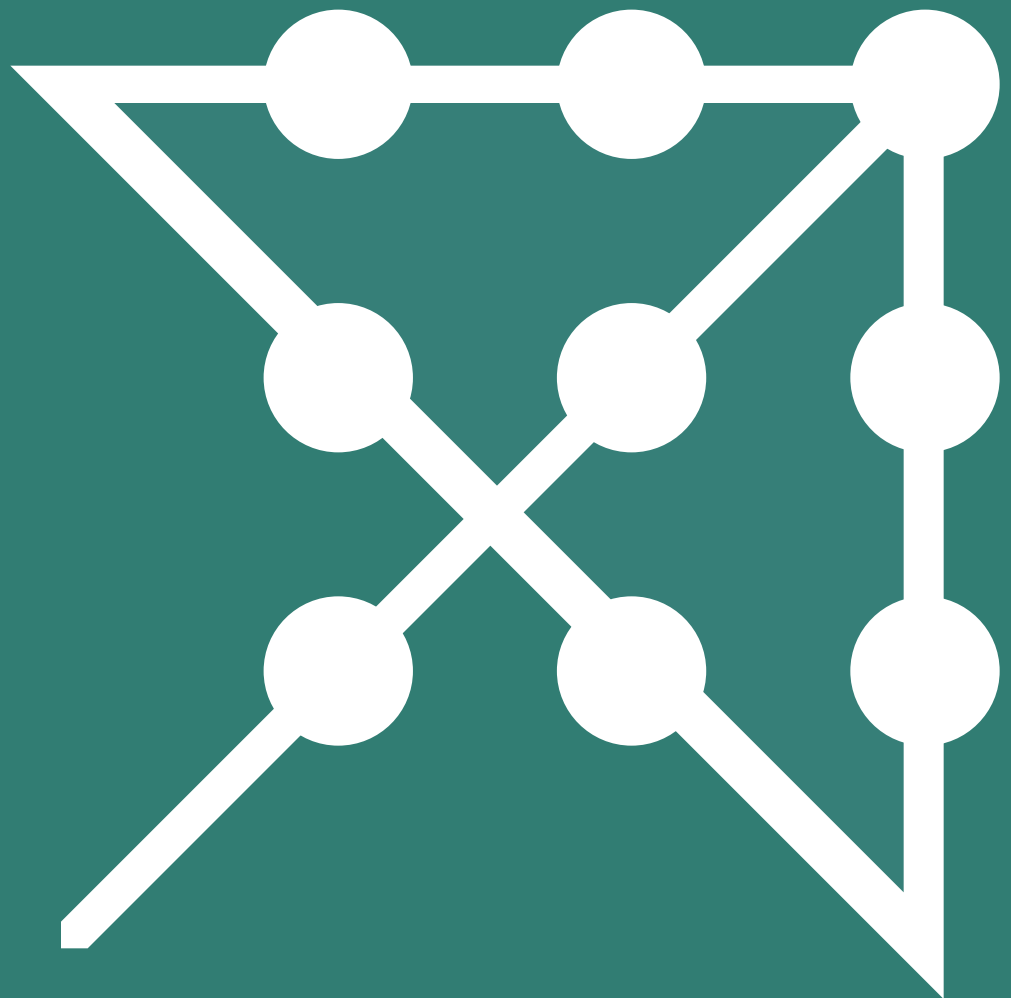
[djohnson@yardeni.com](mailto:djohnson@yardeni.com)

**Mali Quintana**

480-664-1333

[aquintana@yardeni.com](mailto:aquintana@yardeni.com)

Please visit our sites at  
[www.yardeni.com](http://www.yardeni.com)  
[blog.yardeni.com](http://blog.yardeni.com)



*thinking outside the box*

---

# *Table Of Contents*

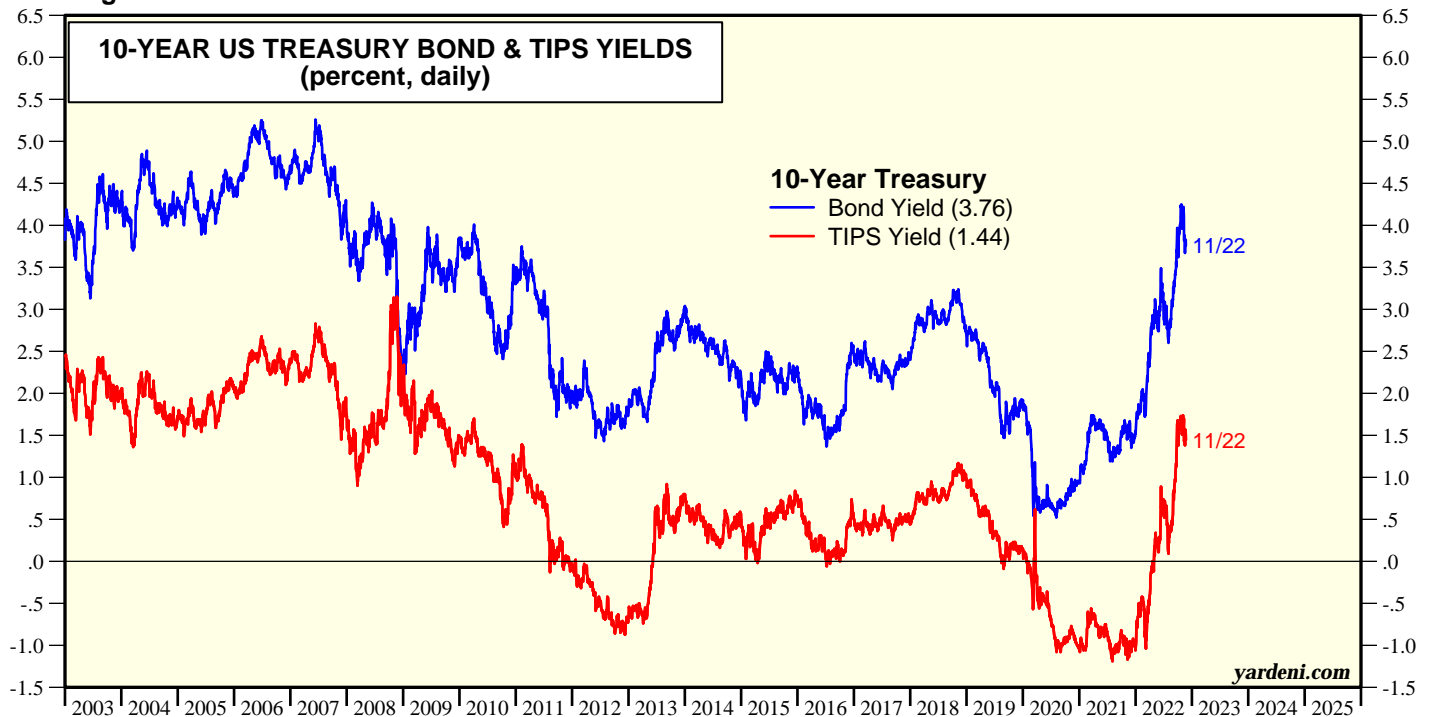
---

Nominal & Real Yields
Government Bond Yields

1-2
3-15

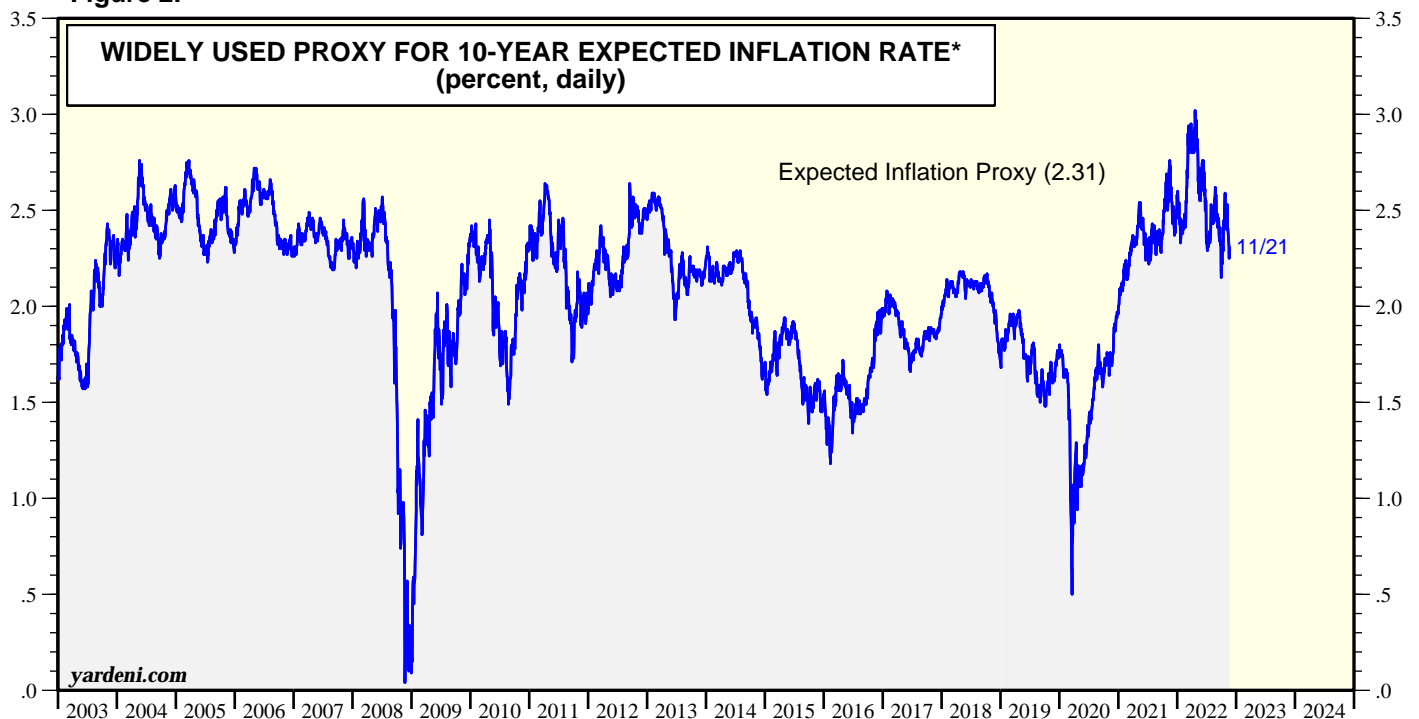
# Nominal & Real Yields

Figure 1.



Source: Federal Reserve Board.

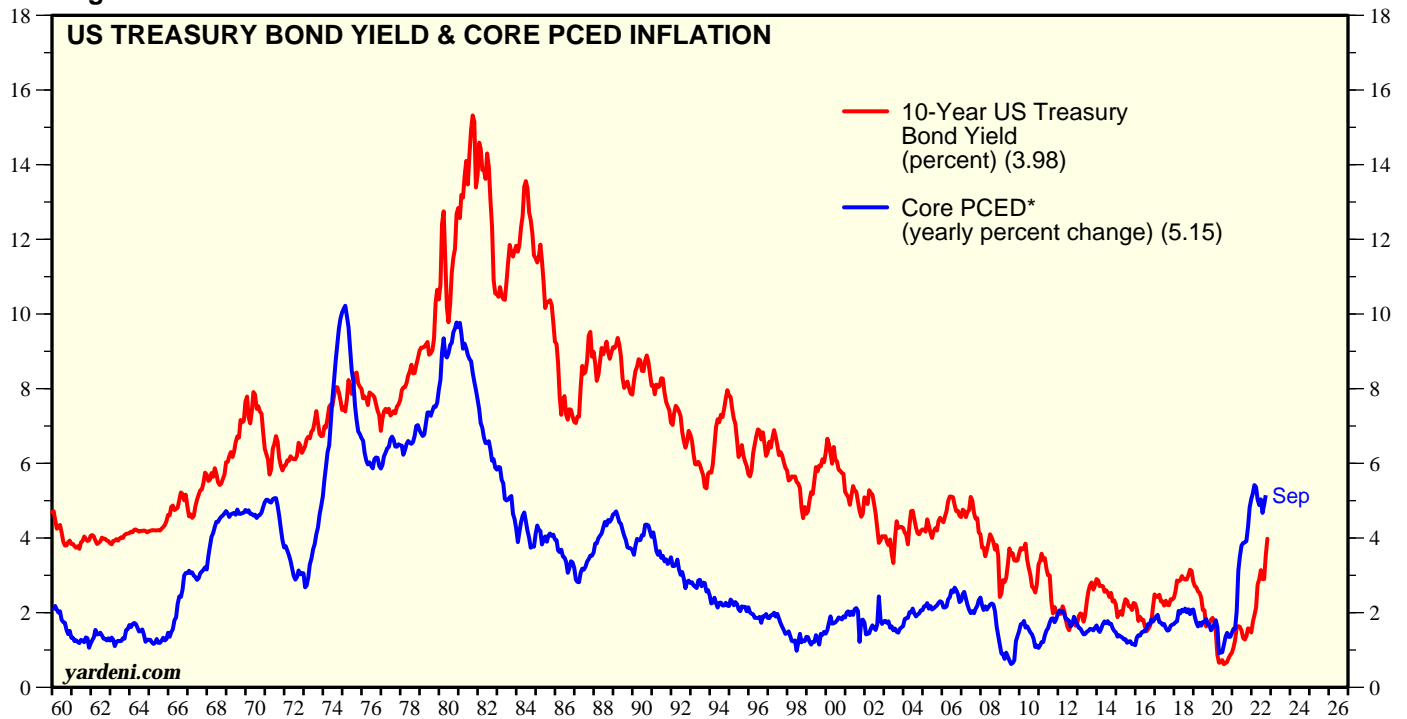
Figure 2.



\* Nominal 10-year US Treasury bond yield minus 10-year TIPS yield.  
Source: Federal Reserve Board.

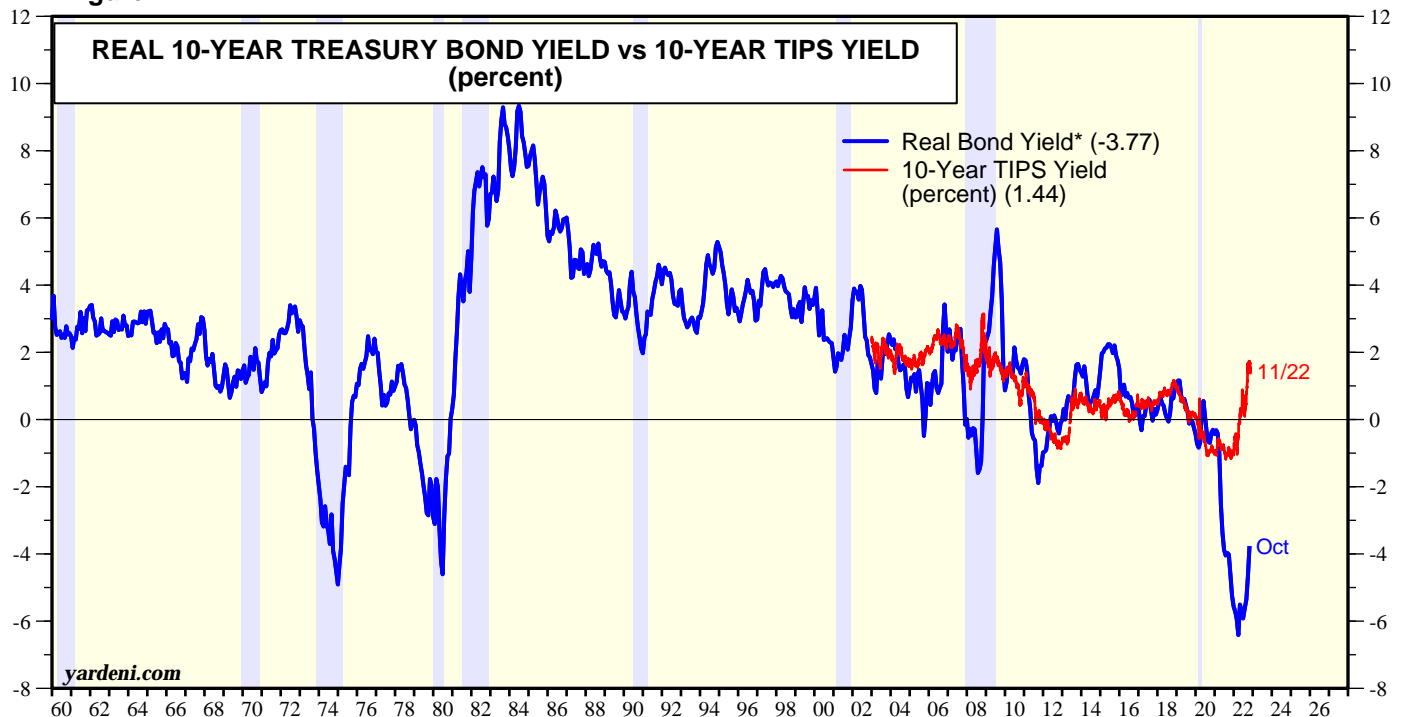
# Nominal & Real Yields

Figure 3.



\* Excluding food & energy.  
Source: Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.

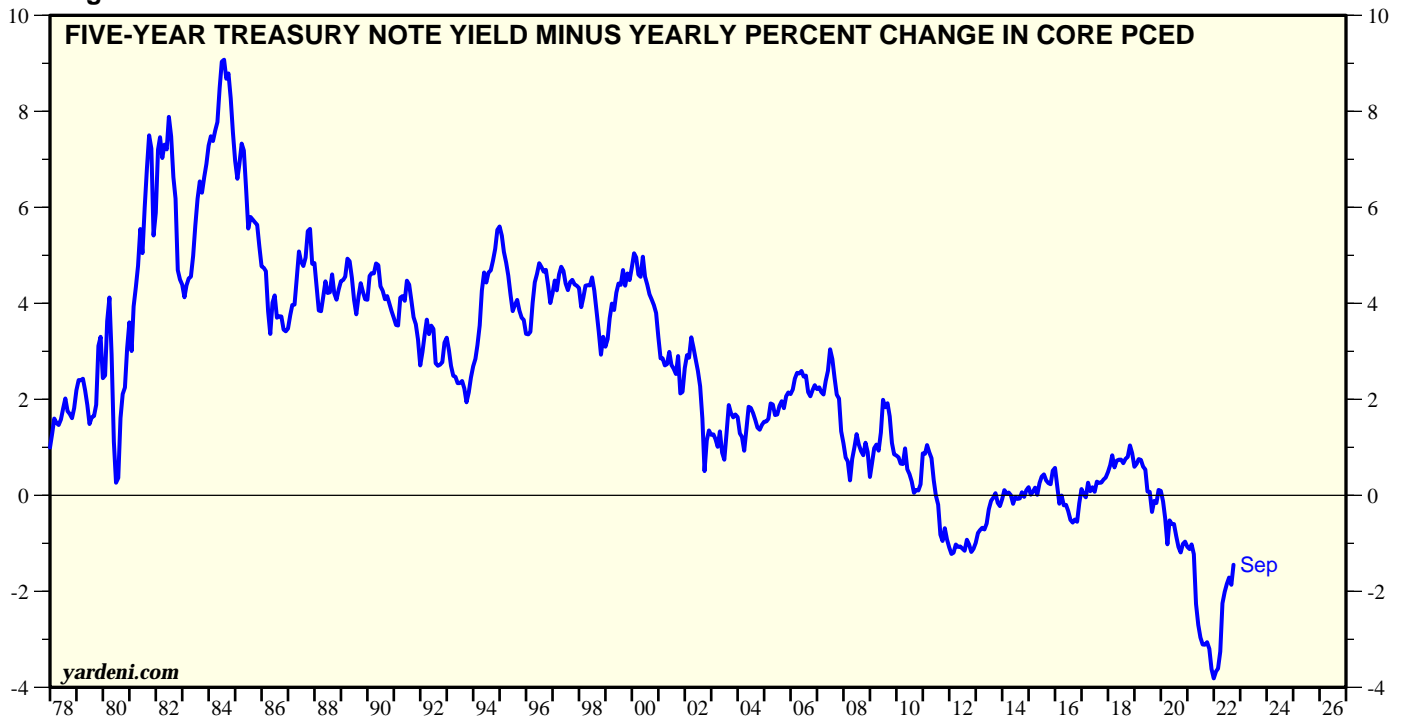
Figure 4.



\* 10-year Treasury yield less yearly percent change in CPI.  
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Federal Reserve Board and Bureau of Labor Statistics.

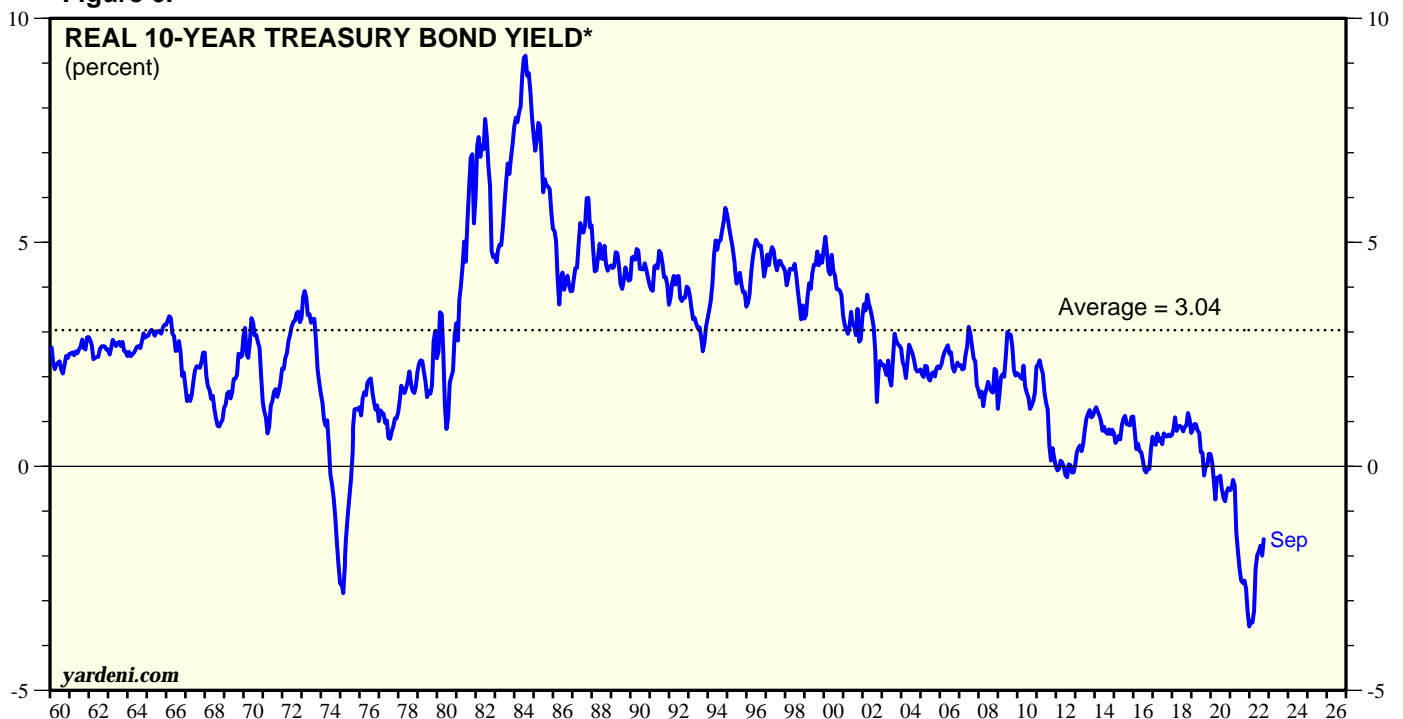
# Government Bond Yields

Figure 5.



Source: Federal Reserve Board and Bureau of Economic Analysis.

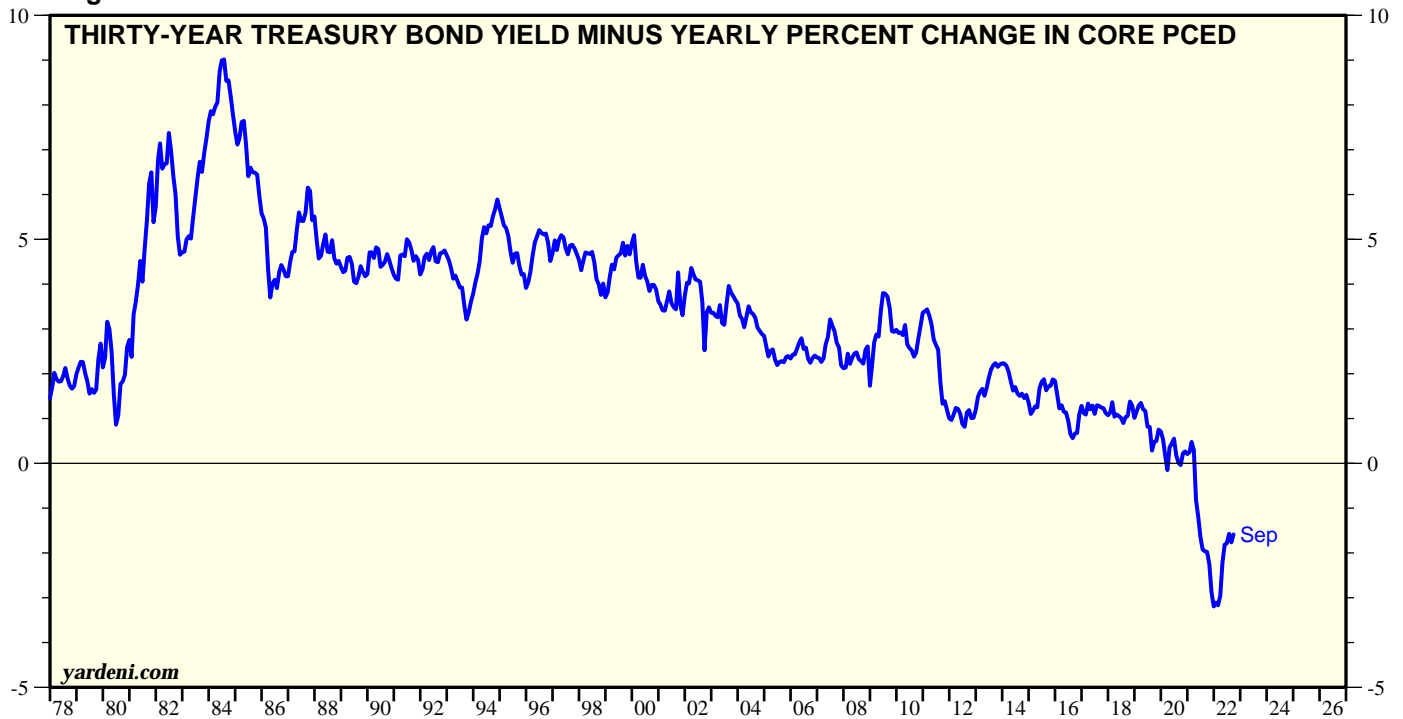
Figure 6.



\* 10-year Treasury yield less yearly percent change in core PCED.  
Source: Federal Reserve Board and Bureau of Economic Analysis.

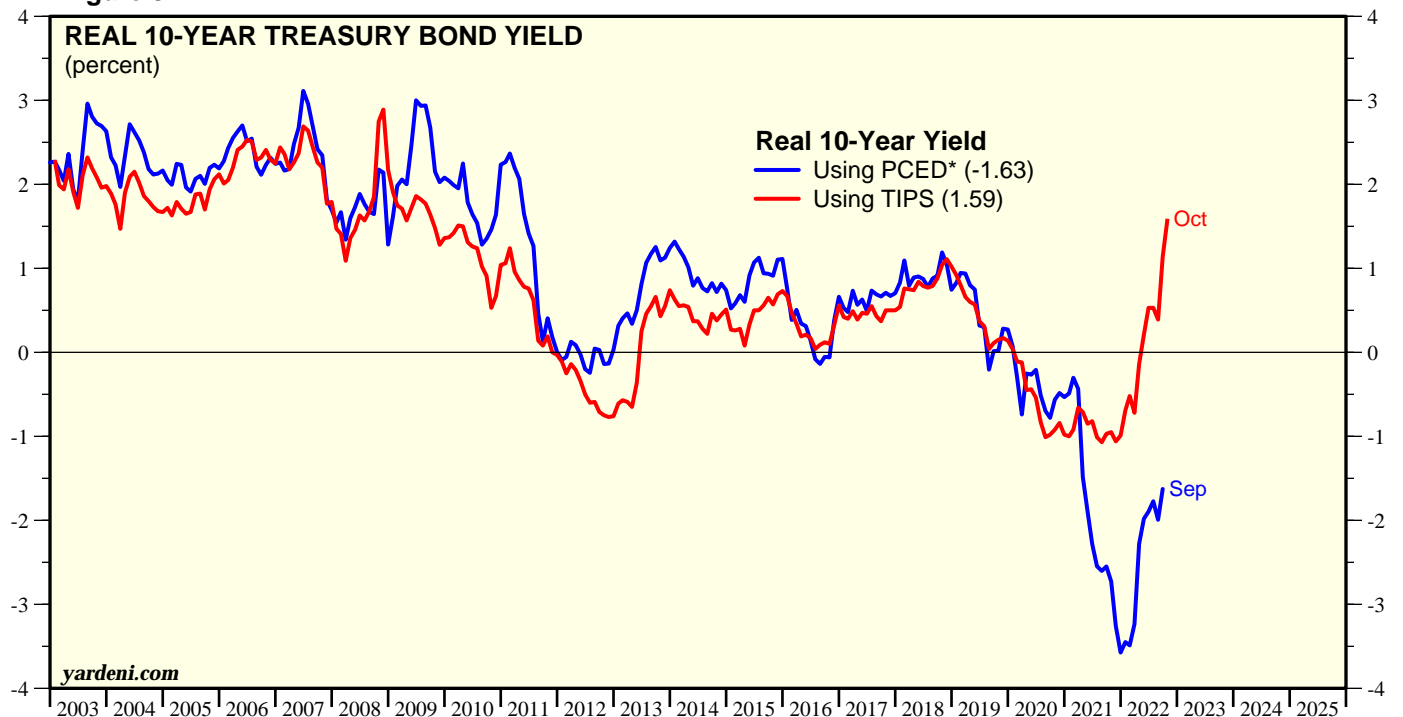
# Government Bond Yields

Figure 7.



Source: Federal Reserve Board and Bureau of Economic Analysis.

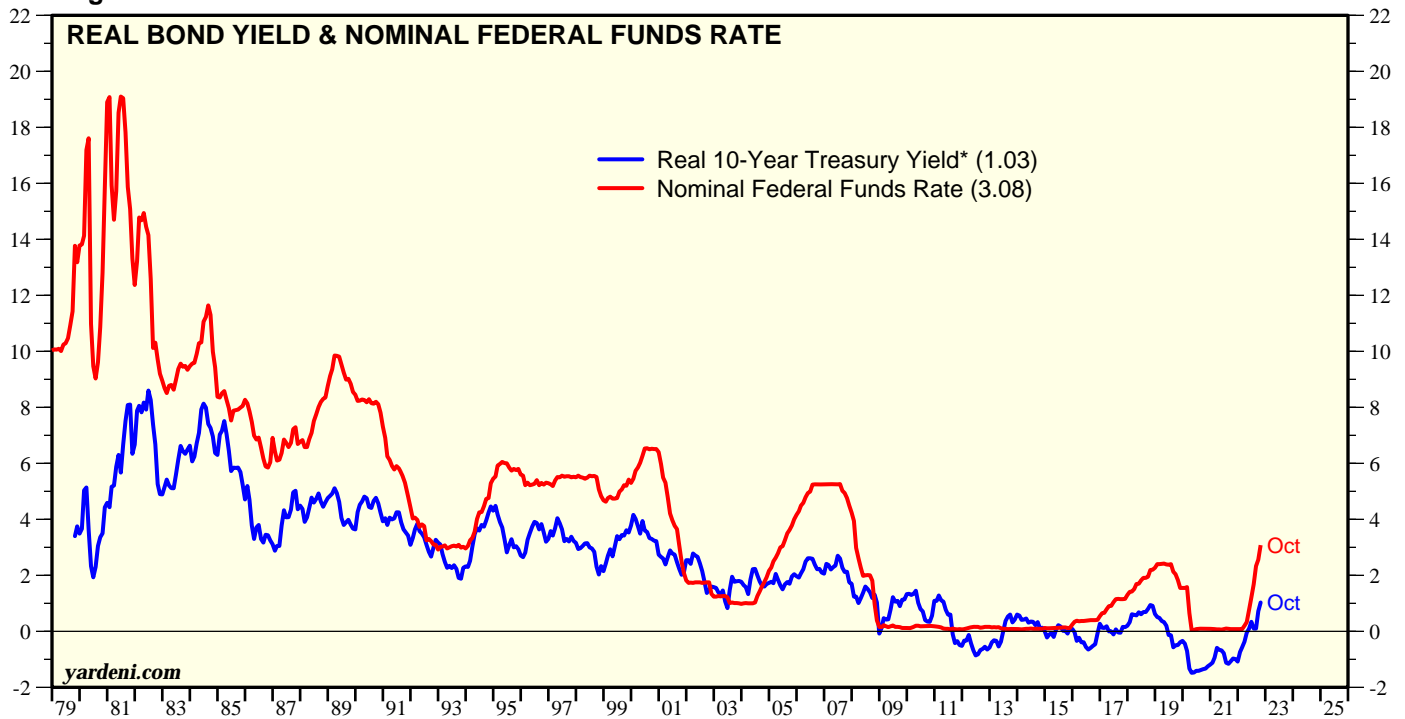
Figure 8.



\* 10-year Treasury bond yield less yearly percent change in core PCED.  
 Source: Federal Reserve Board and Bureau of Economic Analysis.

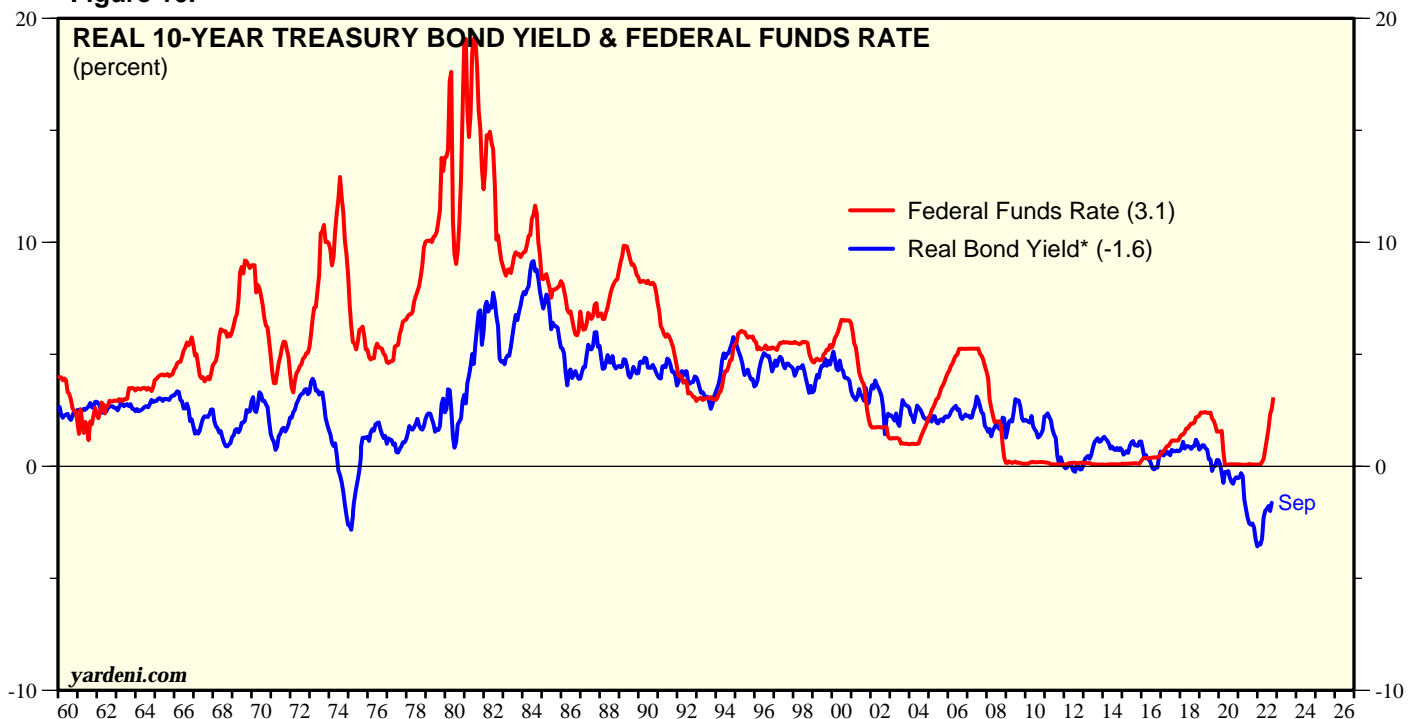
# Government Bond Yields

Figure 9.



\* US Treasury 10-year bond yield minus median forecast of year-over-year CPI inflation rate over the next 10 years using Philadelphia Fed Survey of Professional Forecasters data (monthly series interpolated from quarterly data starting as two quarters per year during Q4-1979 until Q4-1991 when the data continue with four quarters a year).  
Source: Federal Reserve Board, US Treasury, Thomson Reuters I/B/E/S, and Federal Reserve Bank of Philadelphia.

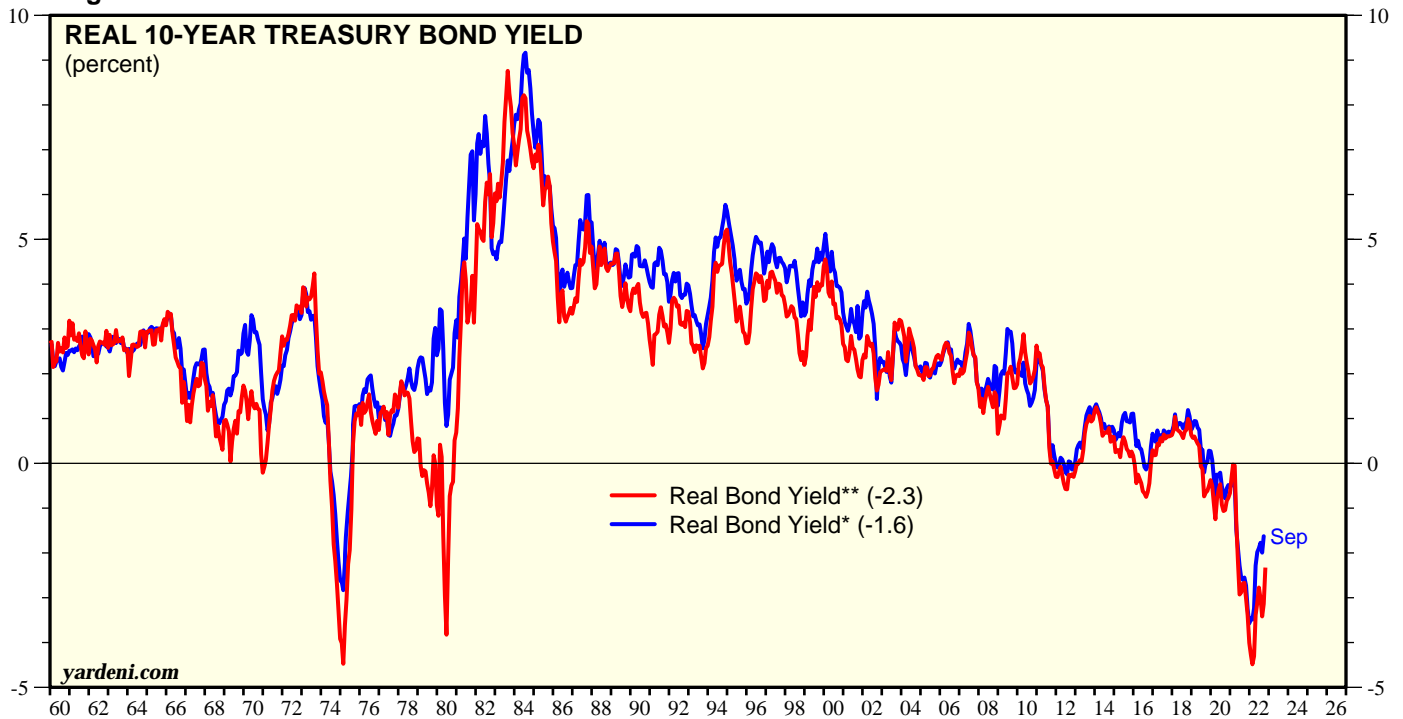
Figure 10.



\* 10-year Treasury yield less yearly percent change in core PCED.  
Source: Federal Reserve Board and Bureau of Economic Analysis.

# Government Bond Yields

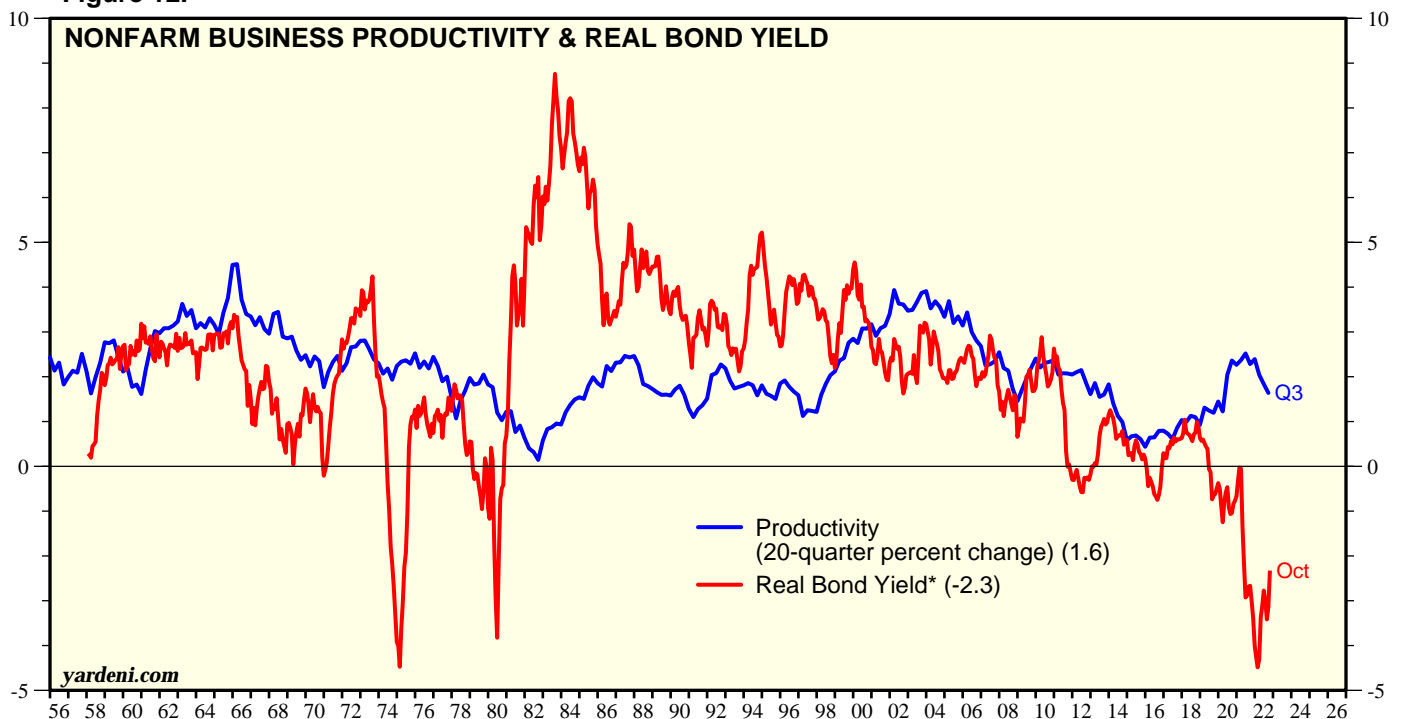
Figure 11.



\* 10-year Treasury yield less yearly percent change in core PCED.

\*\* 10-year Treasury yield less yearly percent change in core CPI.  
Source: Federal Reserve Board and Bureau of Economic Analysis.

Figure 12.



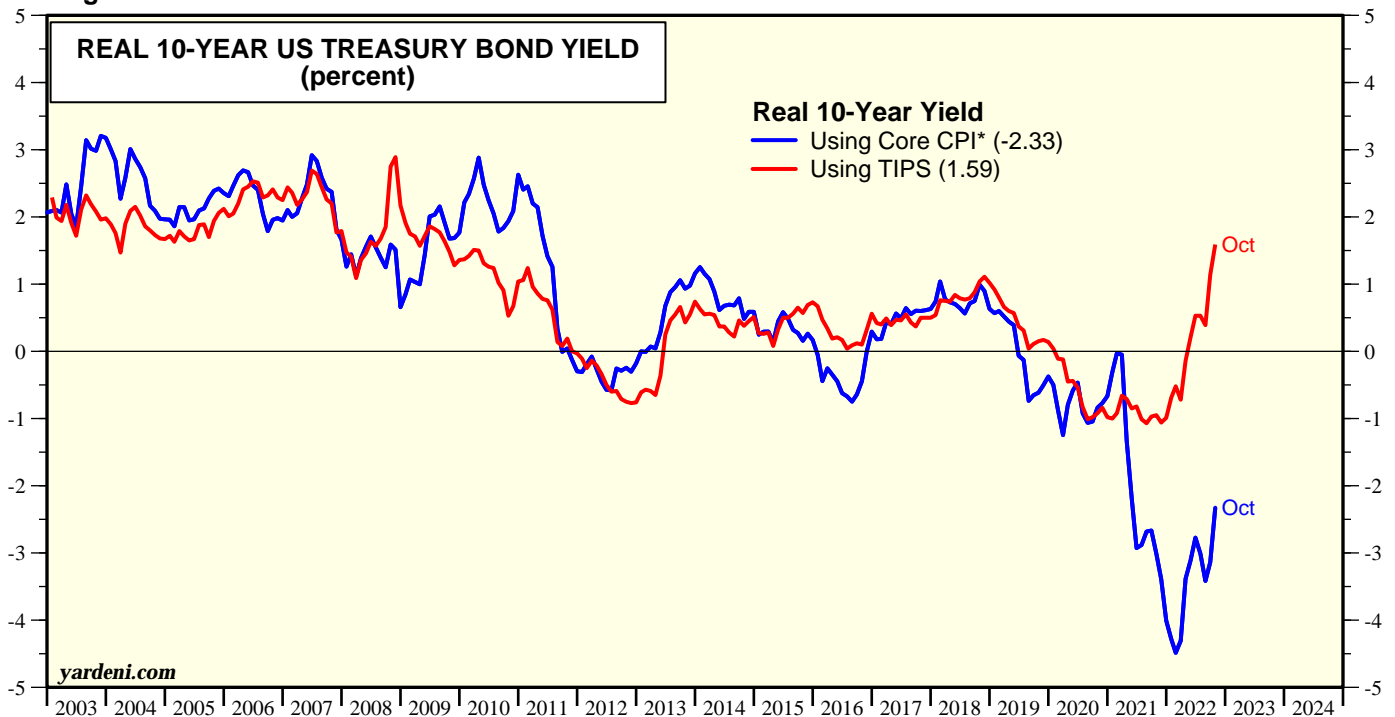
\* 10-year Treasury bond yield minus yearly percent change in core CPI.

Source: US Department of Commerce, Federal Reserve Board, and Bureau of Economic Analysis.



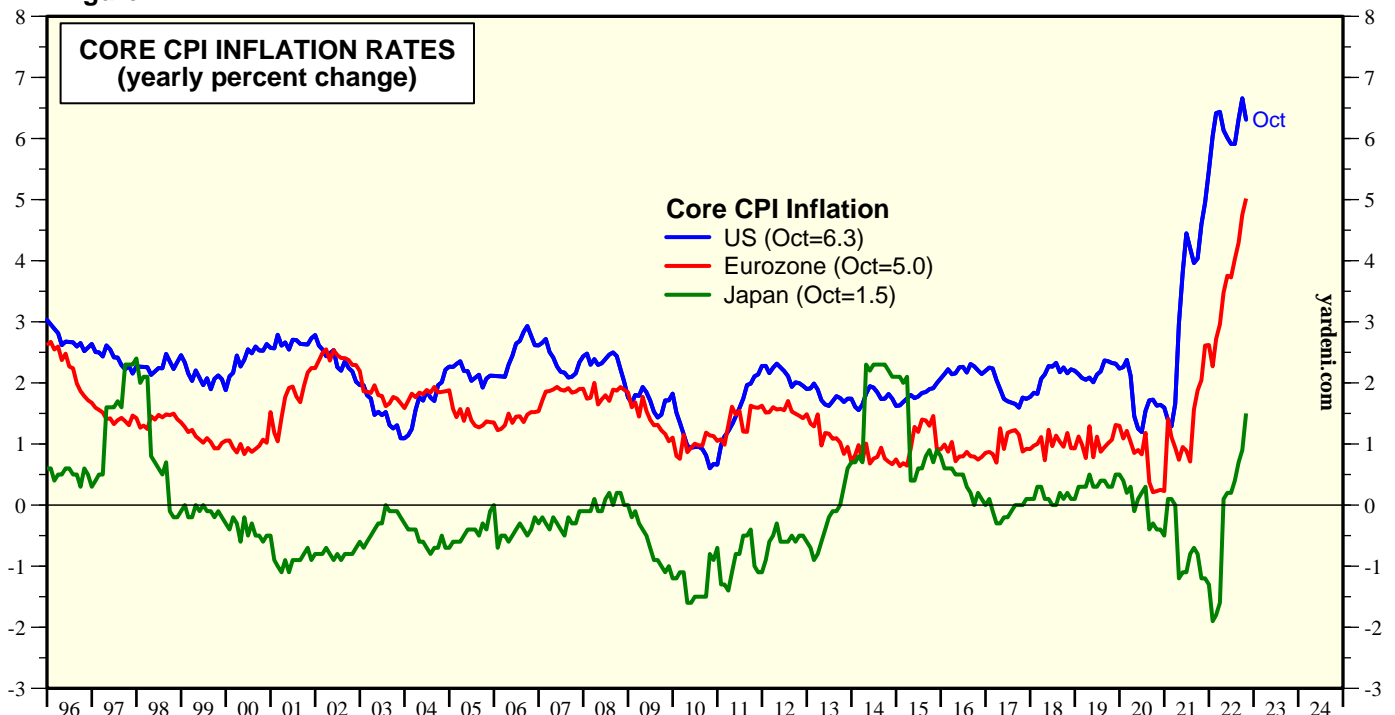
# Government Bond Yields

Figure 13.



\* 10-year US Treasury bond yield less yearly percent change in core CPI.  
Source: Federal Reserve Board and Bureau of Economic Analysis.

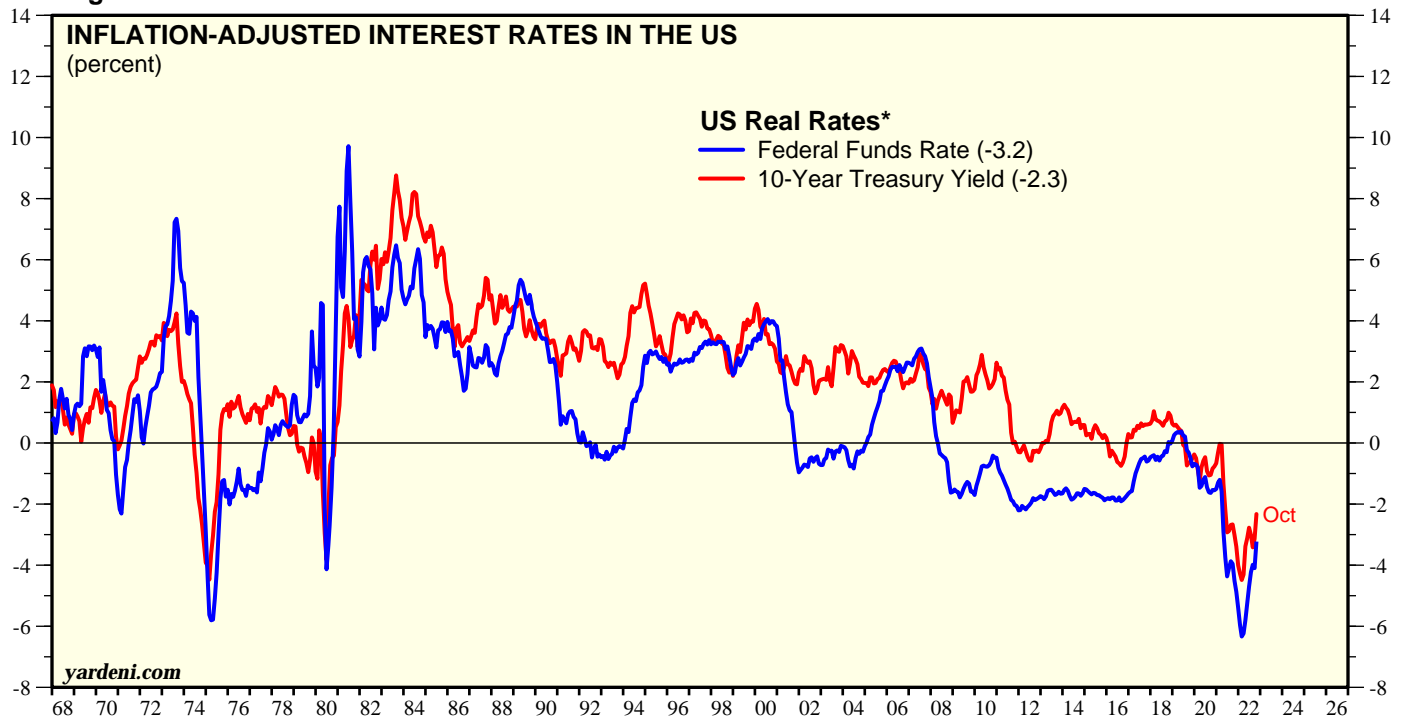
Figure 14.



Source: Haver Analytics.

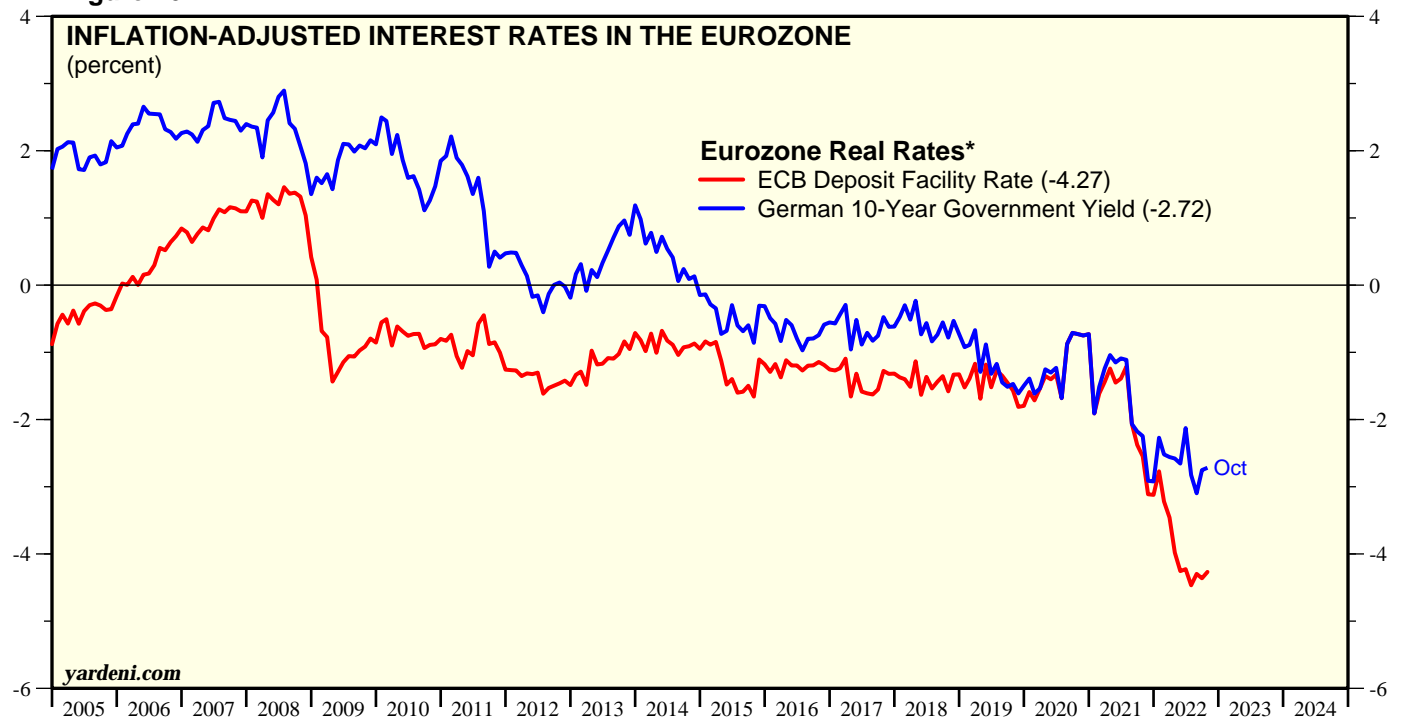
# Government Bond Yields

Figure 15.



\* Using core CPI inflation rate.  
Source: Board of Governors of the Federal Reserve System and Bureau of Labor Statistics.

Figure 16.



\* Using core CPI inflation rate.  
Source: Haver Analytics.

# Government Bond Yields

Figure 17.

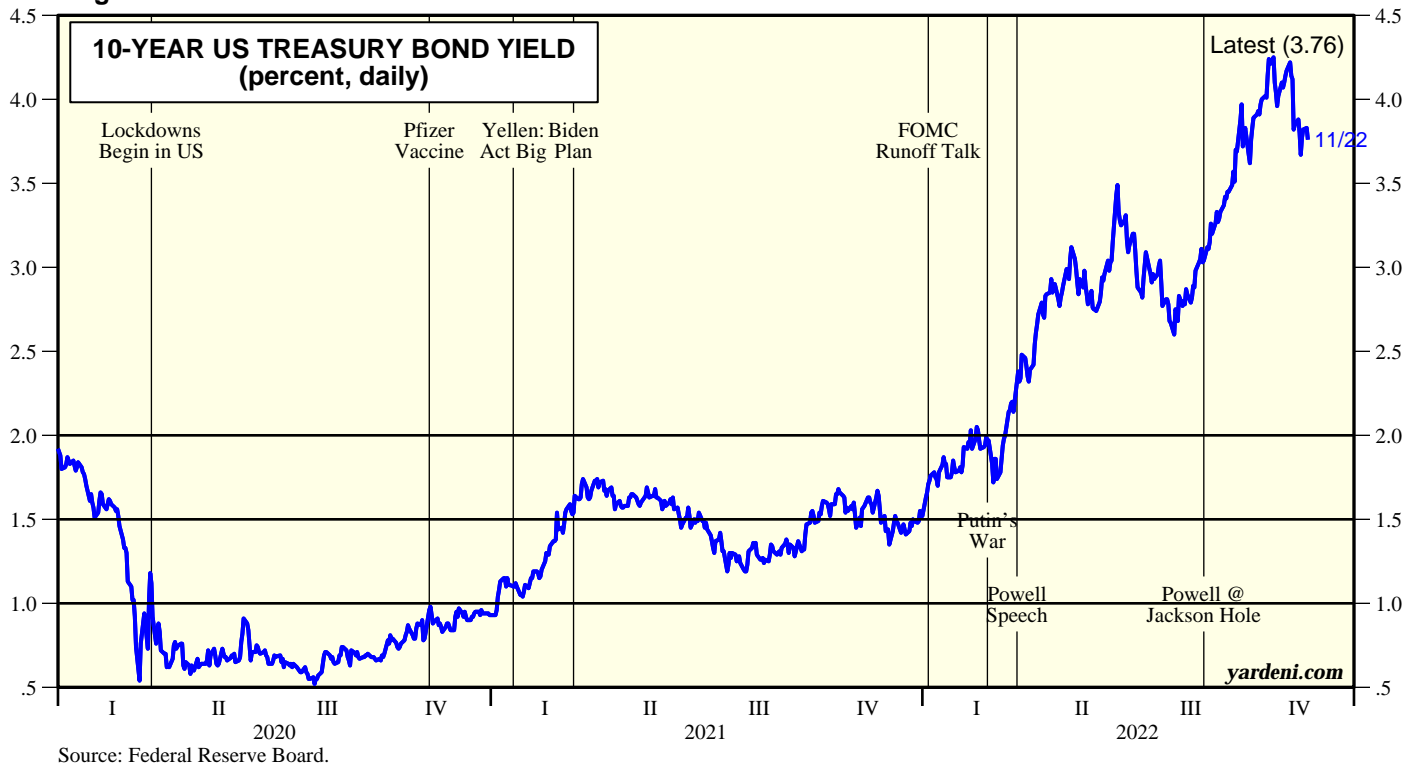
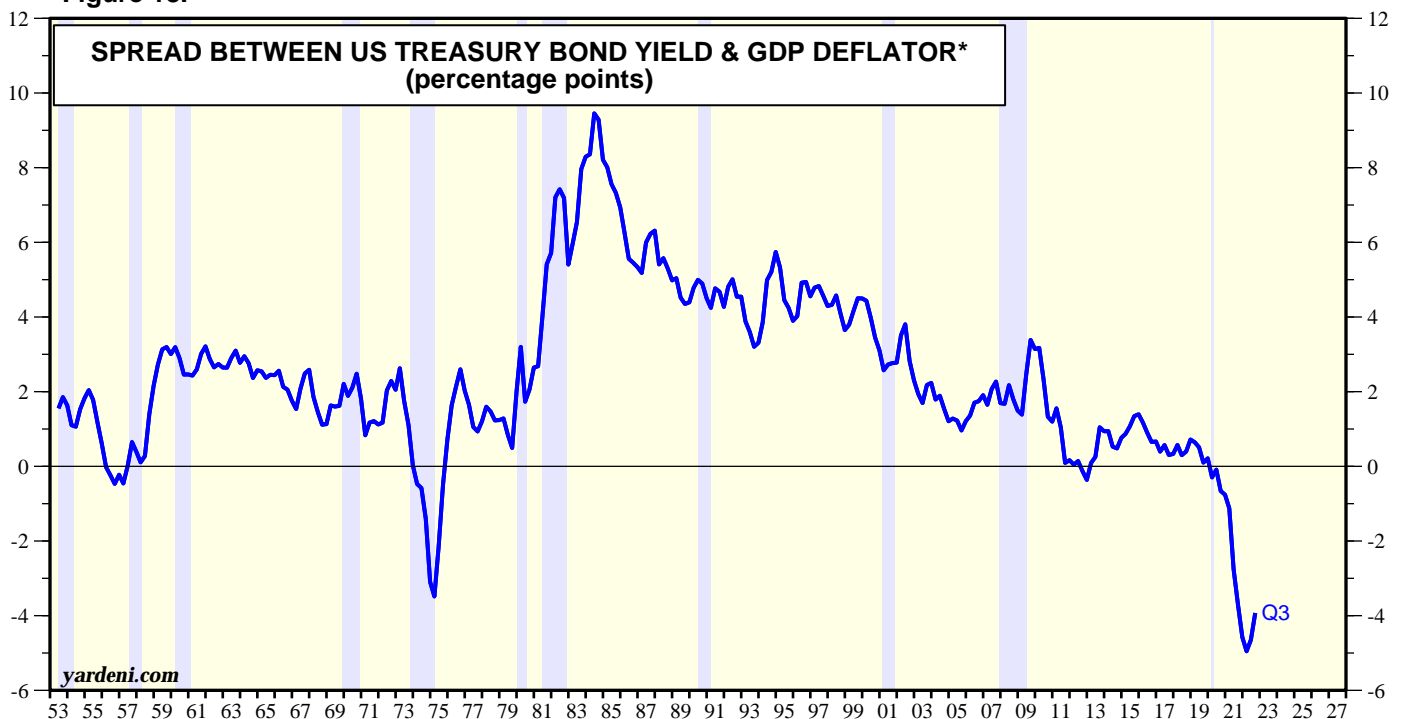


Figure 18.



\* 10-year bond yield minus yearly percent change in GDP deflator.

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

Source: US Department of Commerce, Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.

# Government Bond Yields

Figure 19.

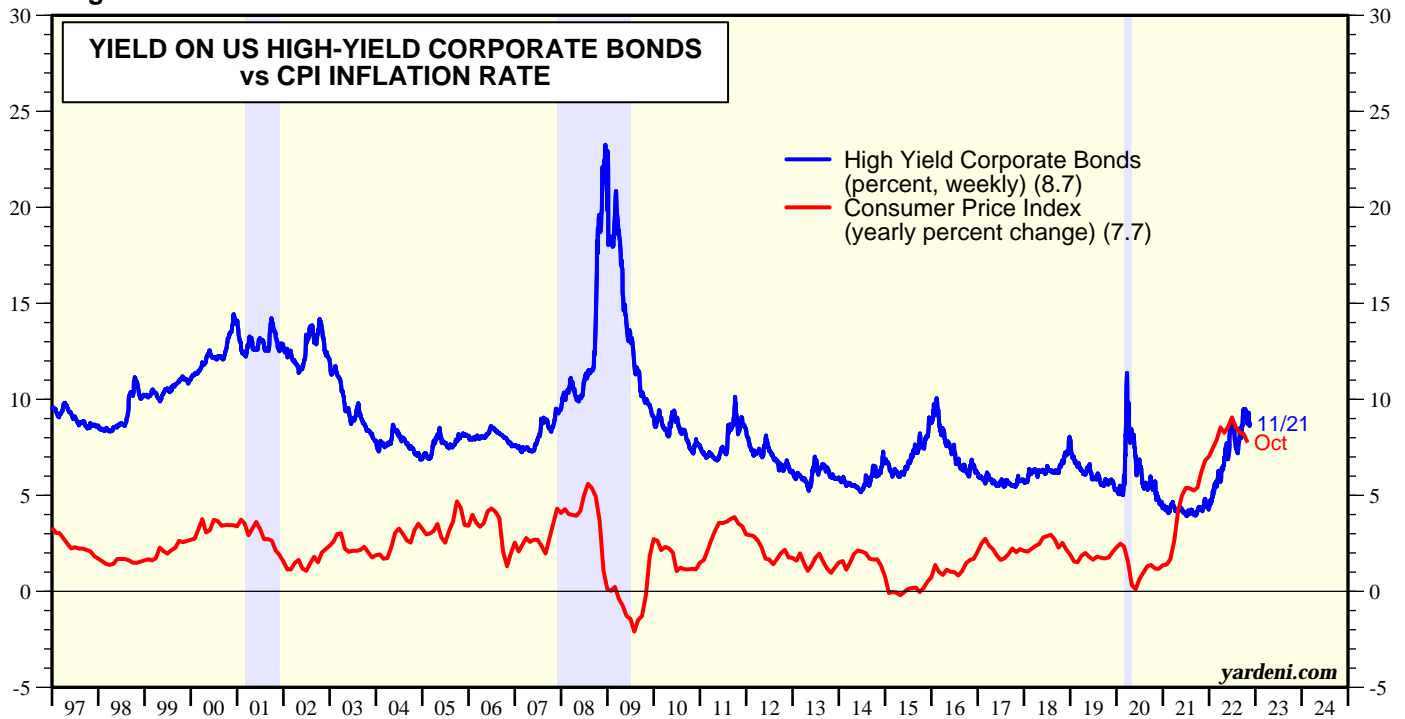
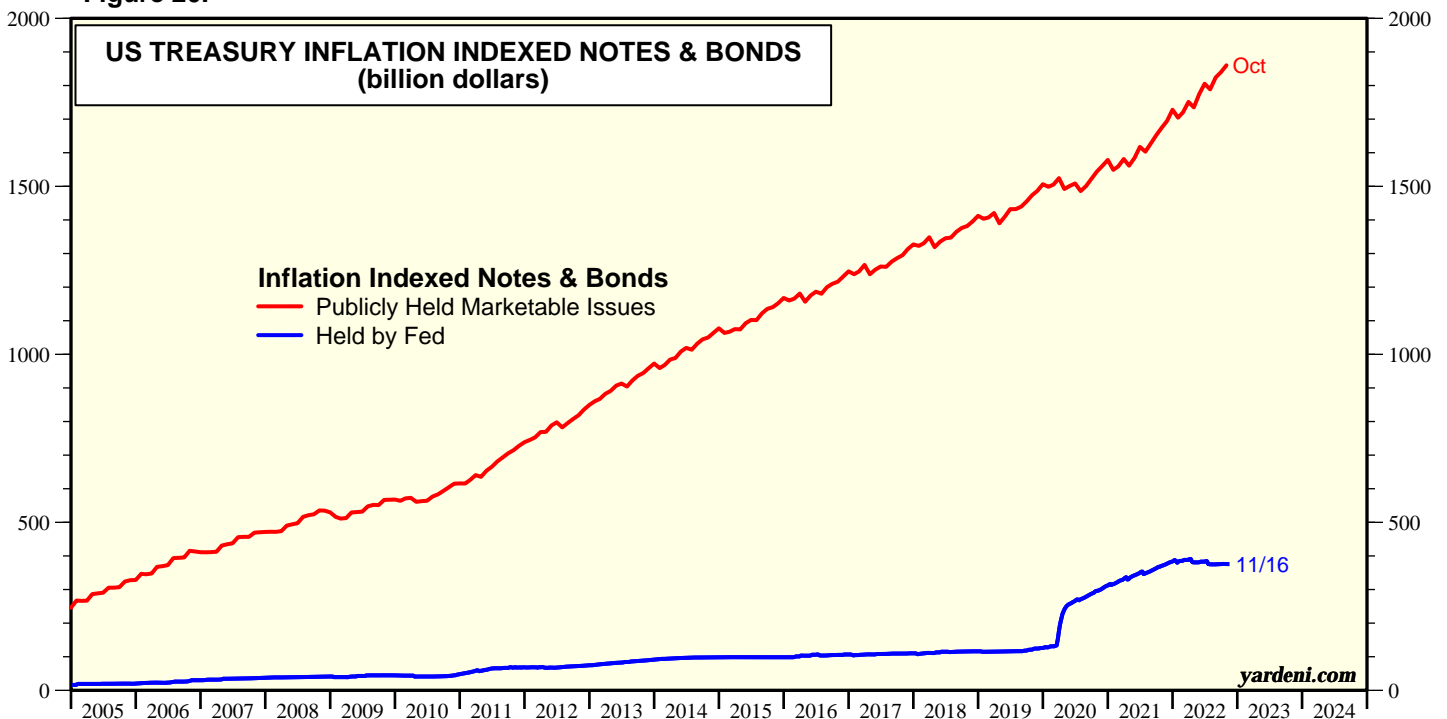


Figure 20.



# Government Bond Yields

Figure 21.

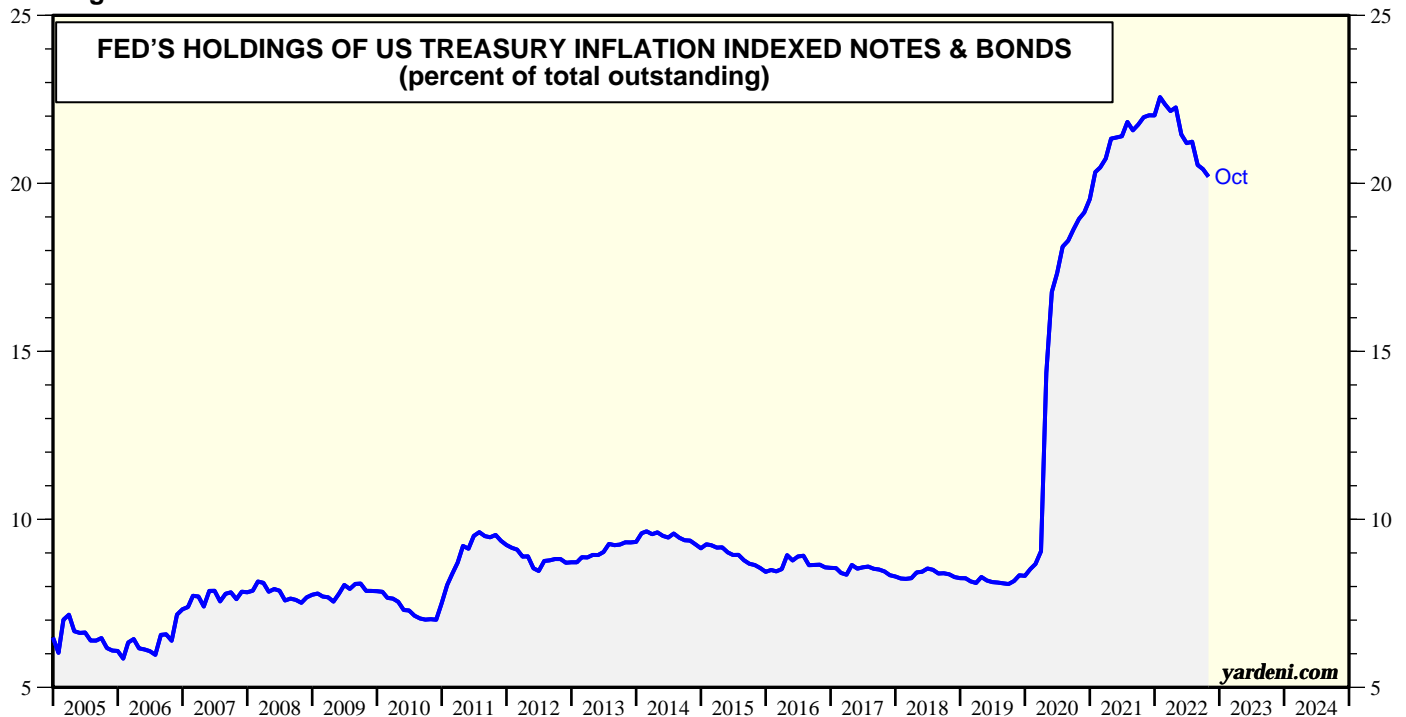
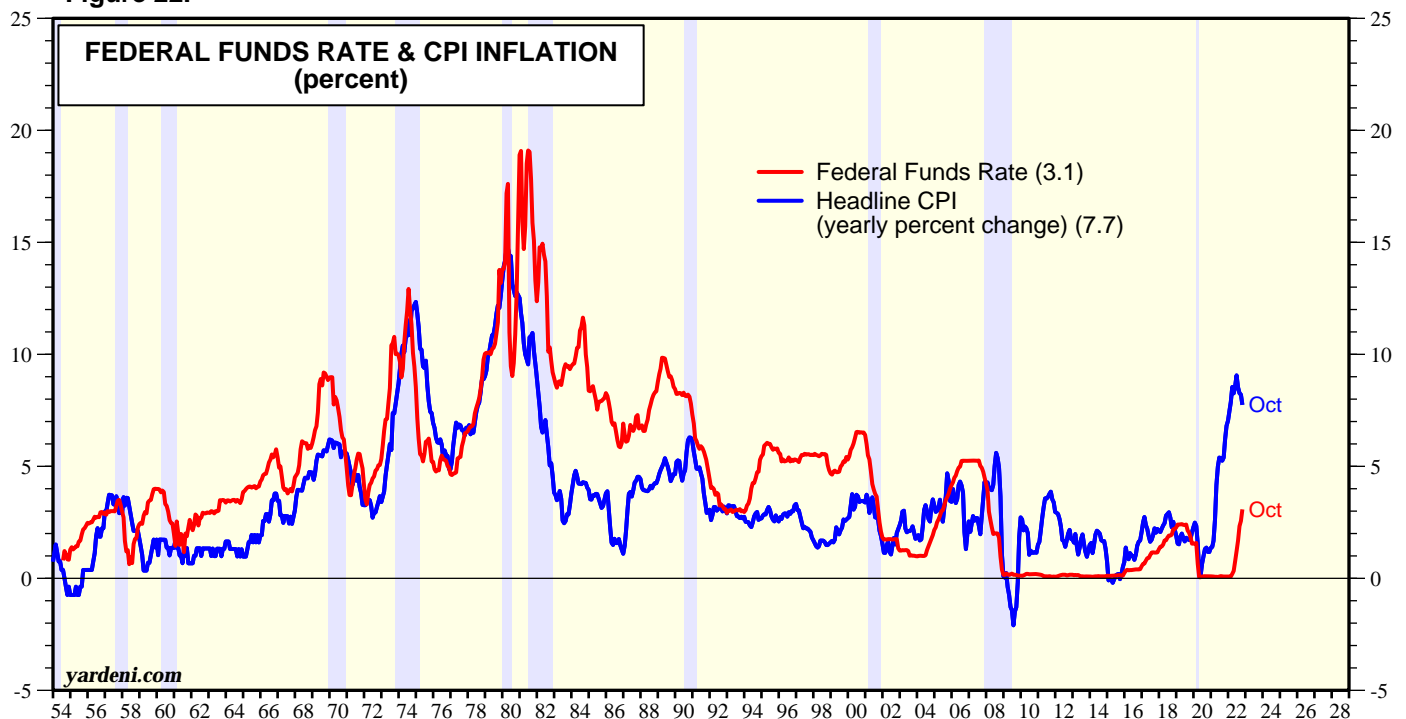
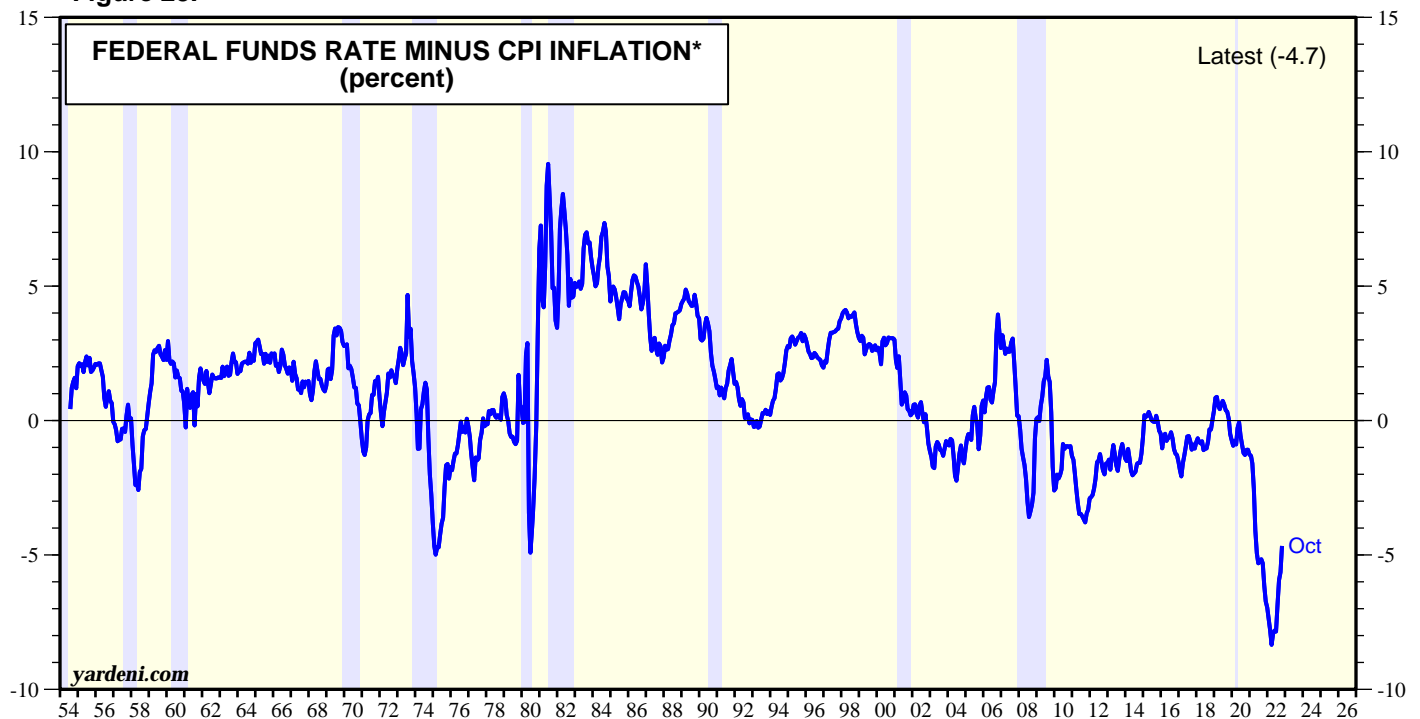


Figure 22.



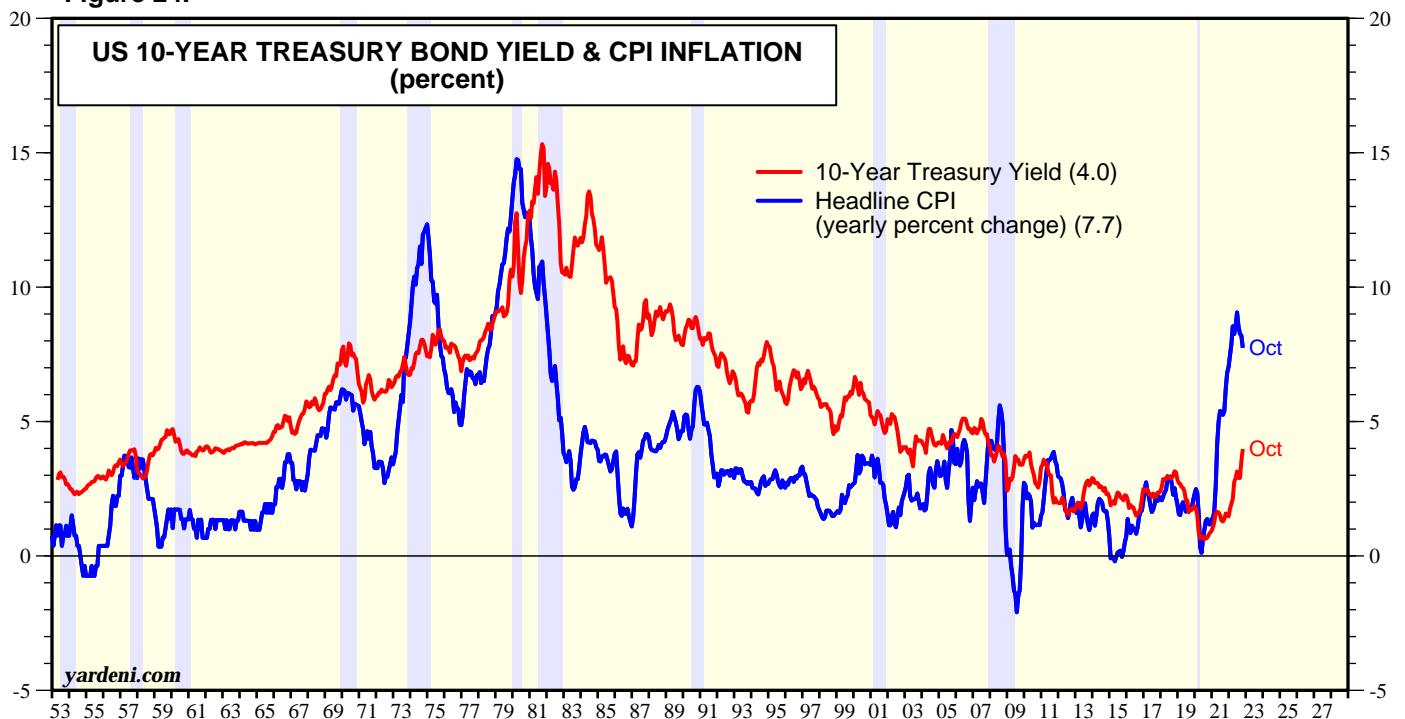
# Government Bond Yields

Figure 23.



\* Yearly percent change in CPI.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Board of Governors of the Federal Reserve System and Bureau of Labor Statistics.

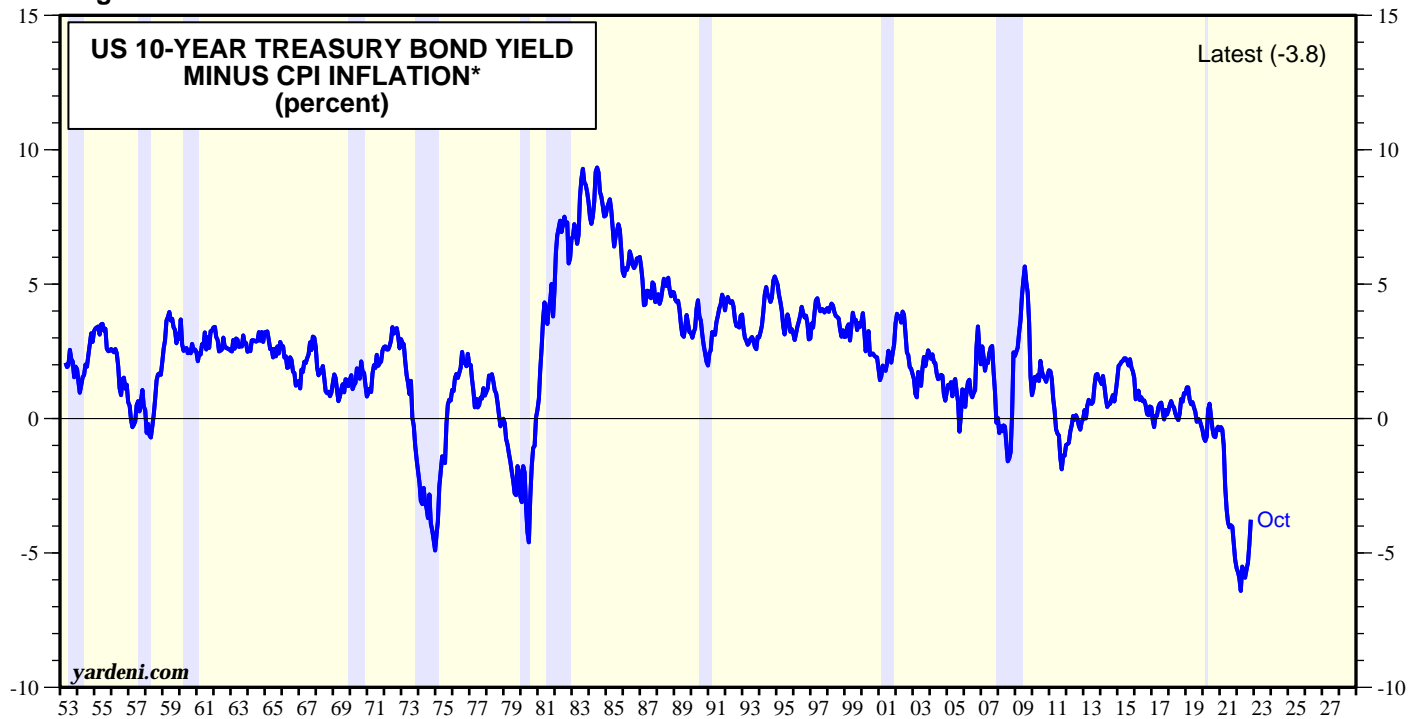
Figure 24.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Board of Governors of the Federal Reserve System and Bureau of Labor Statistics.

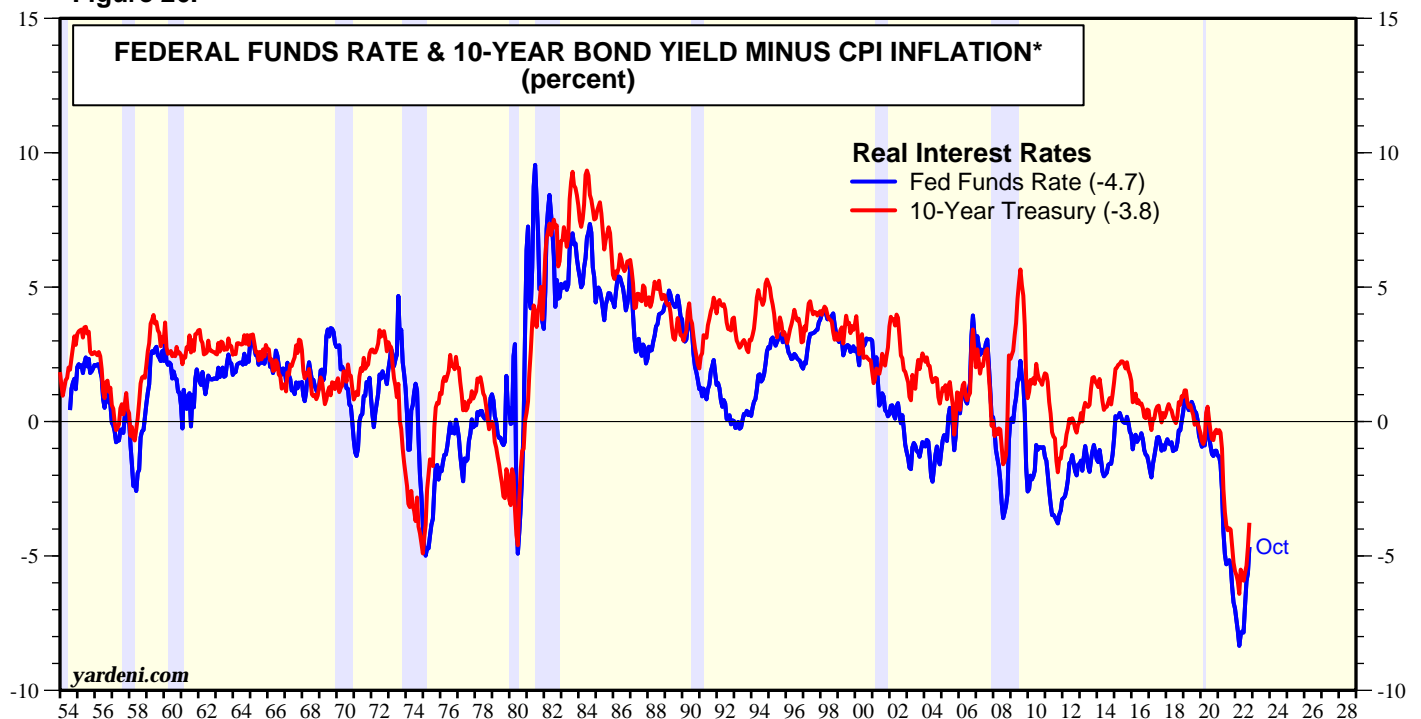
# Government Bond Yields

Figure 25.



\* Yearly percent change in CPI.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Board of Governors of the Federal Reserve System and Bureau of Labor Statistics.

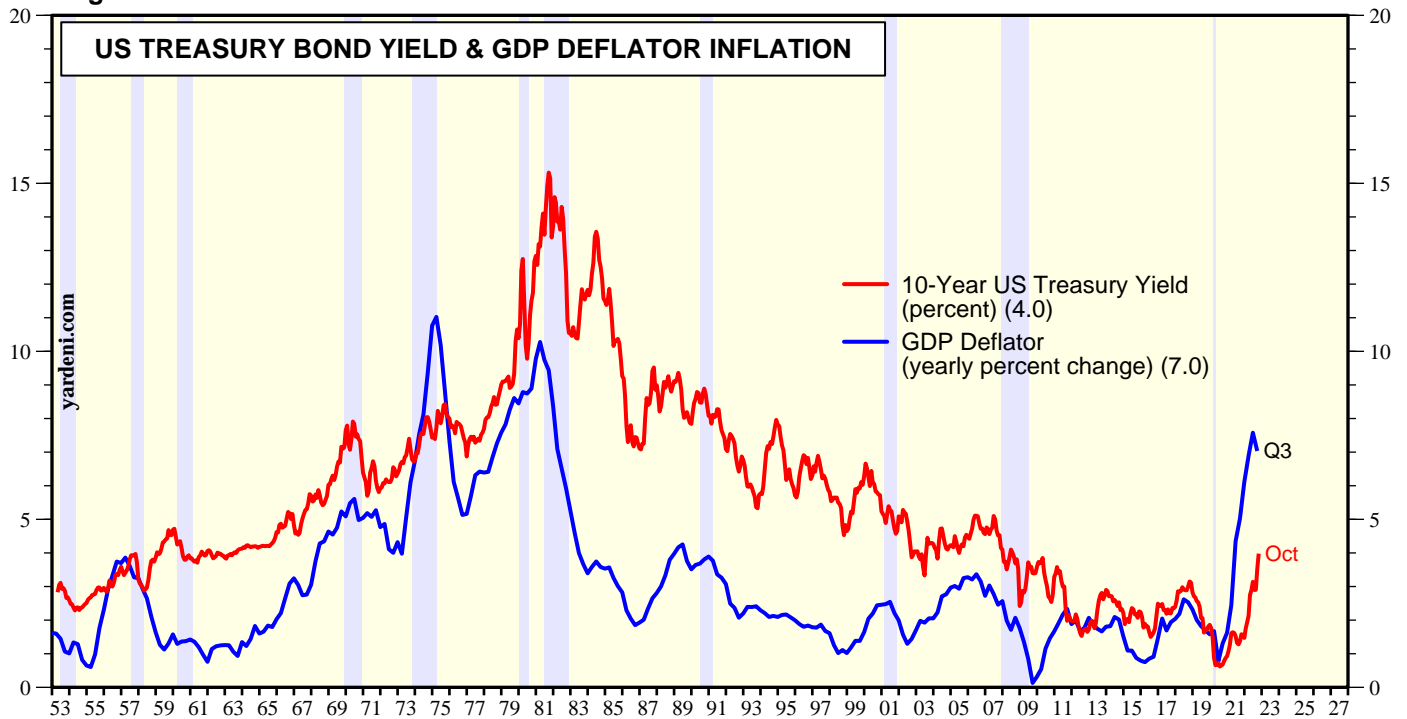
Figure 26.



\* Yearly percent change in CPI.  
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
 Source: Board of Governors of the Federal Reserve System and Bureau of Labor Statistics.

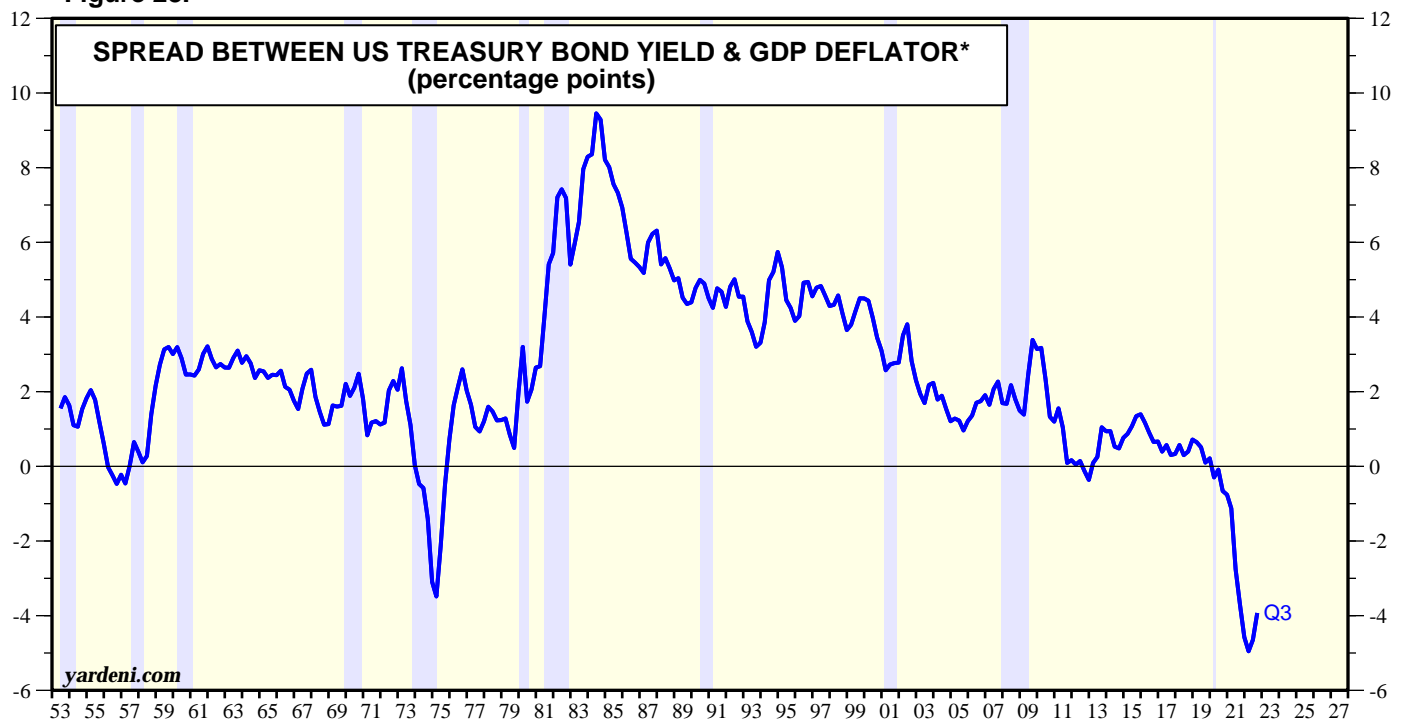
# Government Bond Yields

Figure 27.



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

Figure 28.



\* 10-year bond yield minus yearly percent change in GDP deflator.

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

Source: US Department of Commerce, Bureau of Economic Analysis, and Board of Governors of the Federal Reserve System.



# Government Bond Yields

Figure 29.

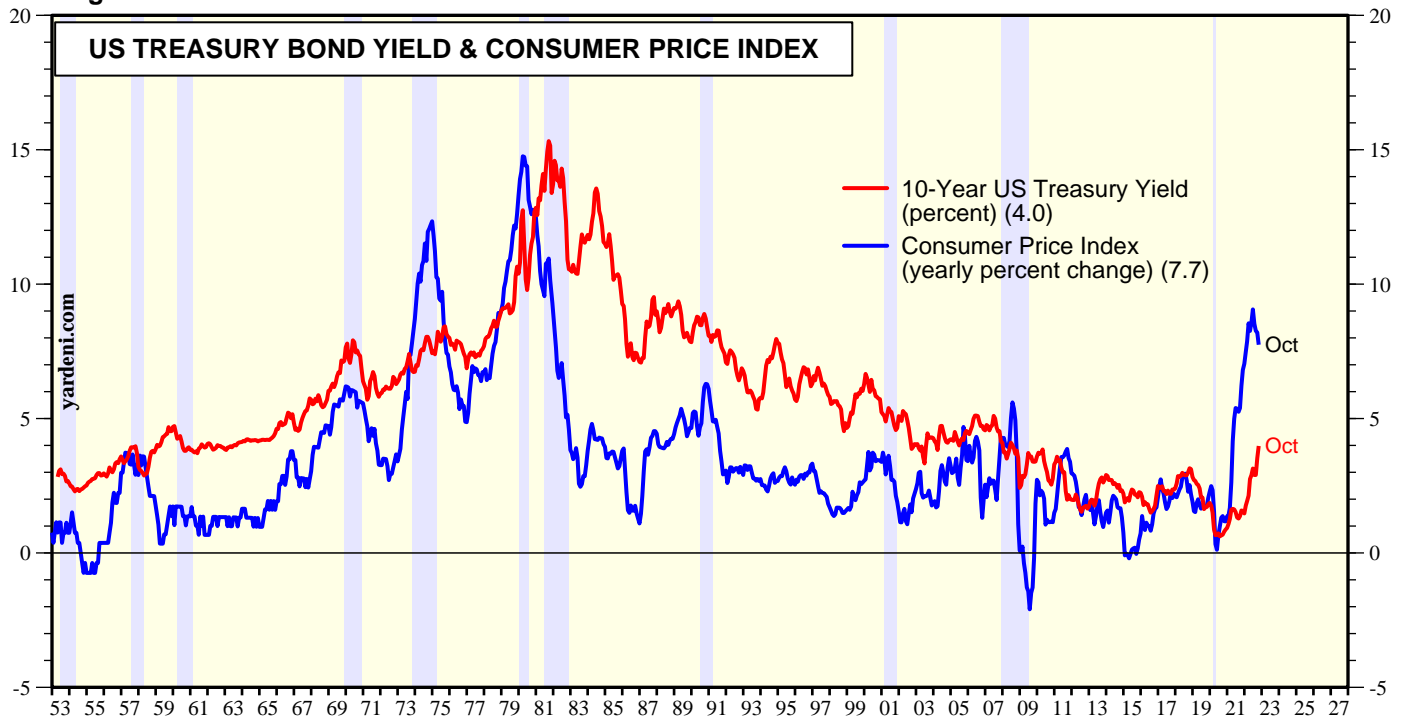
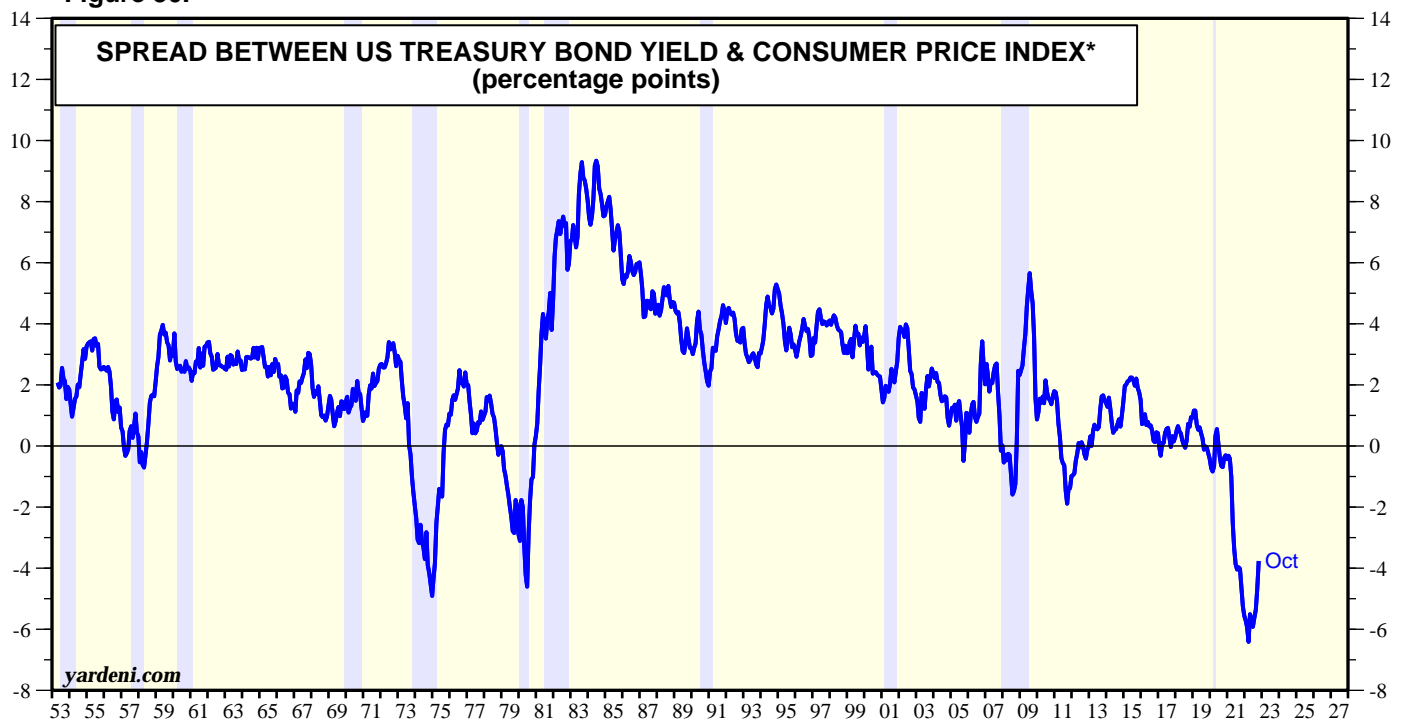


Figure 30.



**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](http://www.yardeni.com), [blog.yardeni.com](http://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](http://www.yardeni.com), [blog.yardeni.com](http://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](#).