

# Chart Collection for Morning Briefing

Yardeni Research, Inc.

*July 17, 2023*

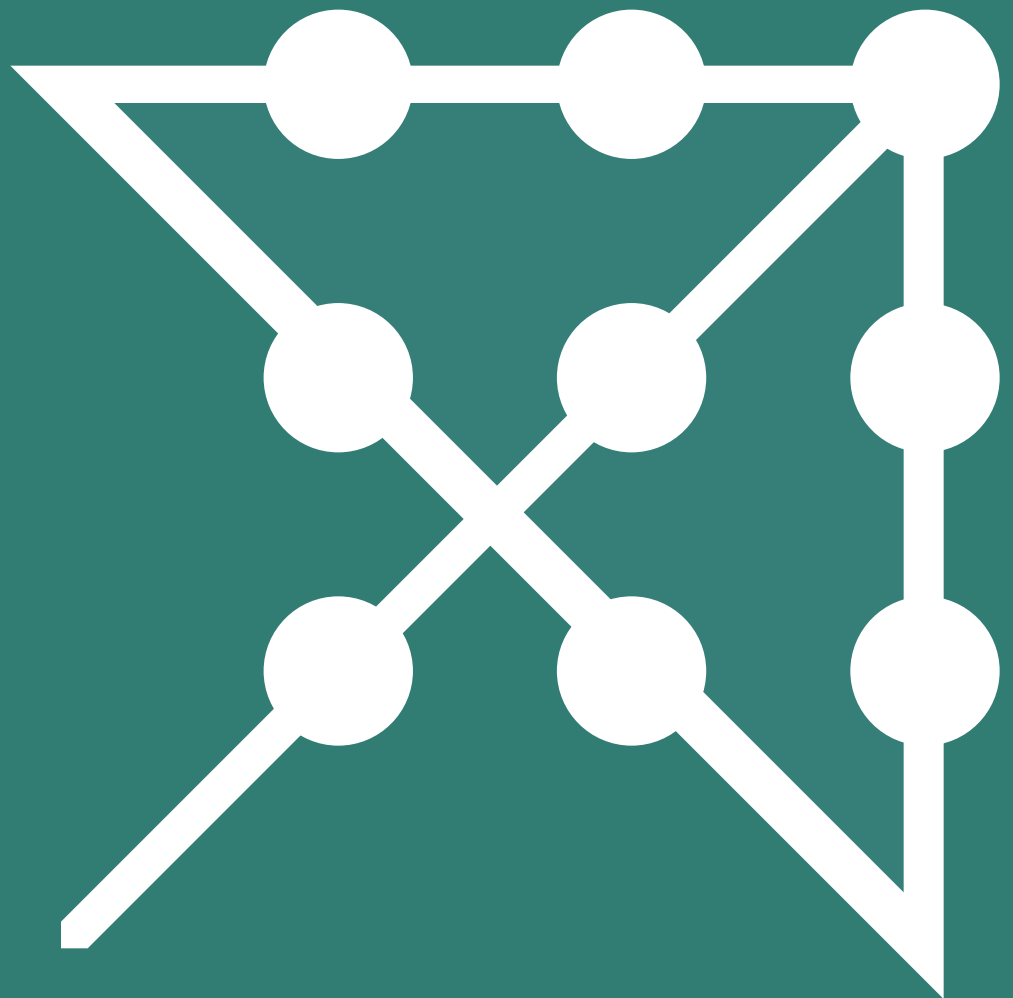
**Dr. Edward Yardeni**

516-972-7683  
eyardeni@yardeni.com

**Mali Quintana**

480-664-1333  
aquintana@yardeni.com

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



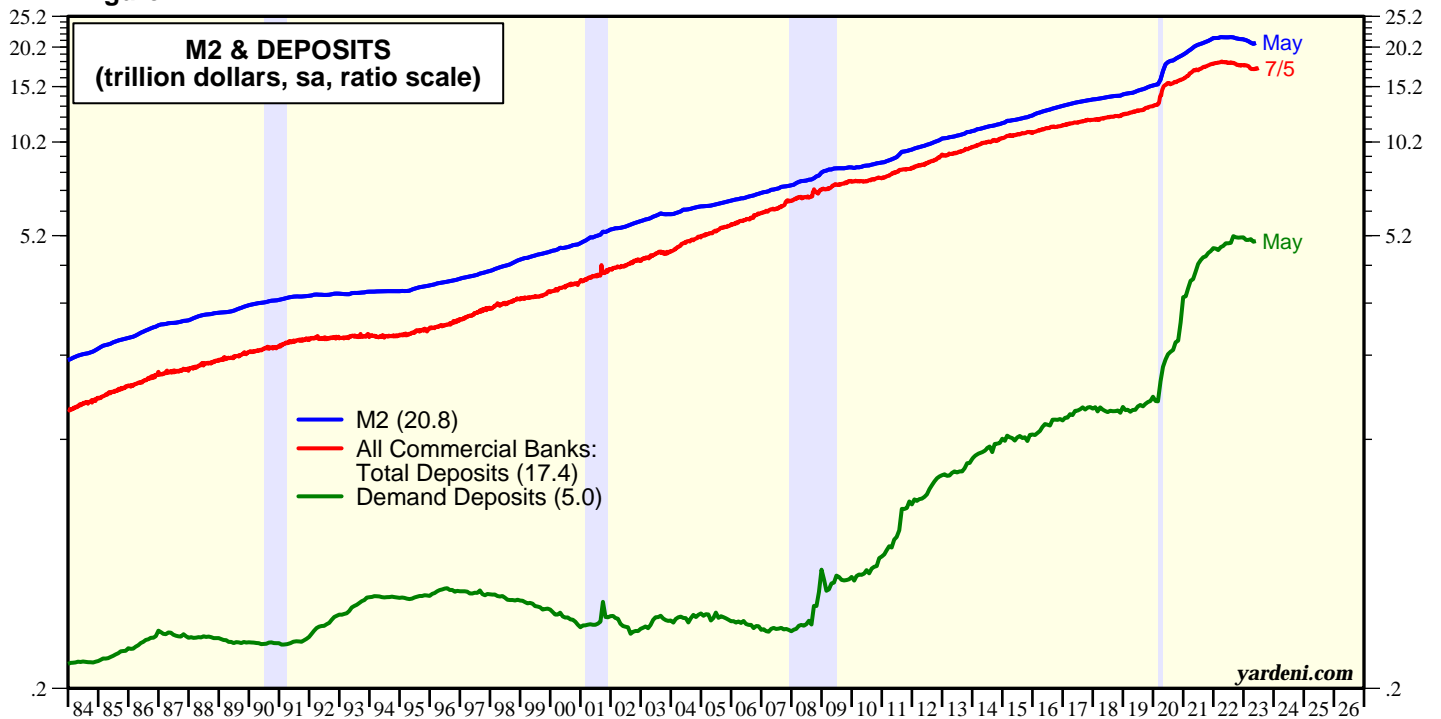
*thinking outside the box*

**Figure 1.**



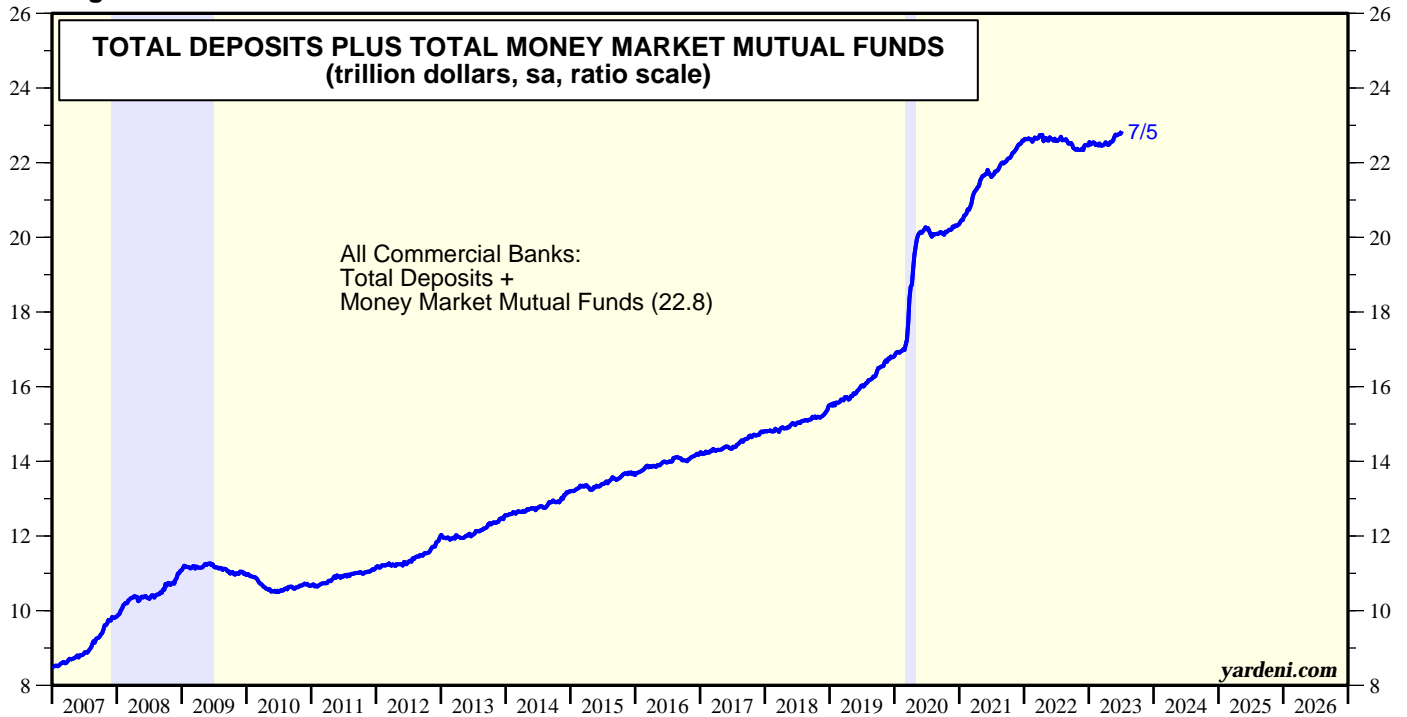
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Bureau of Economic Analysis.

**Figure 2.**



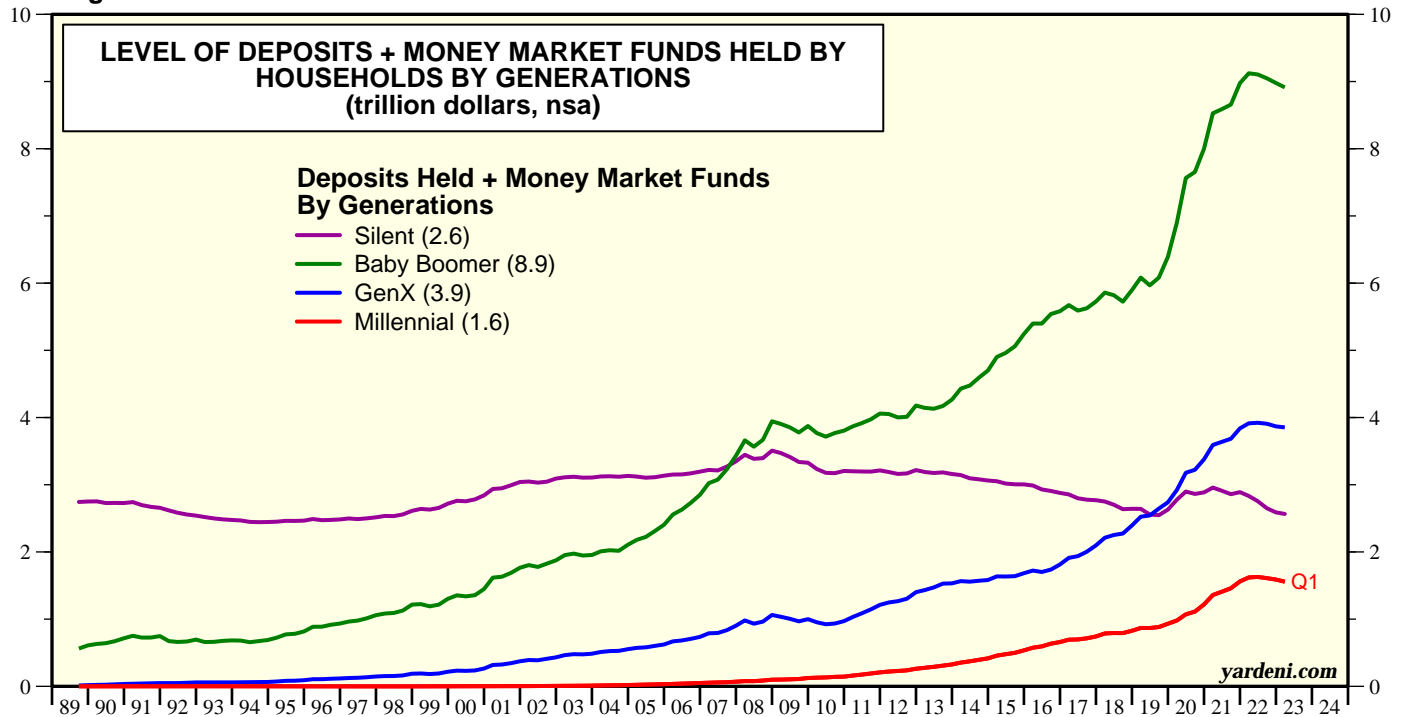
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Board of Governors of the Federal Reserve System.

**Figure 3.**



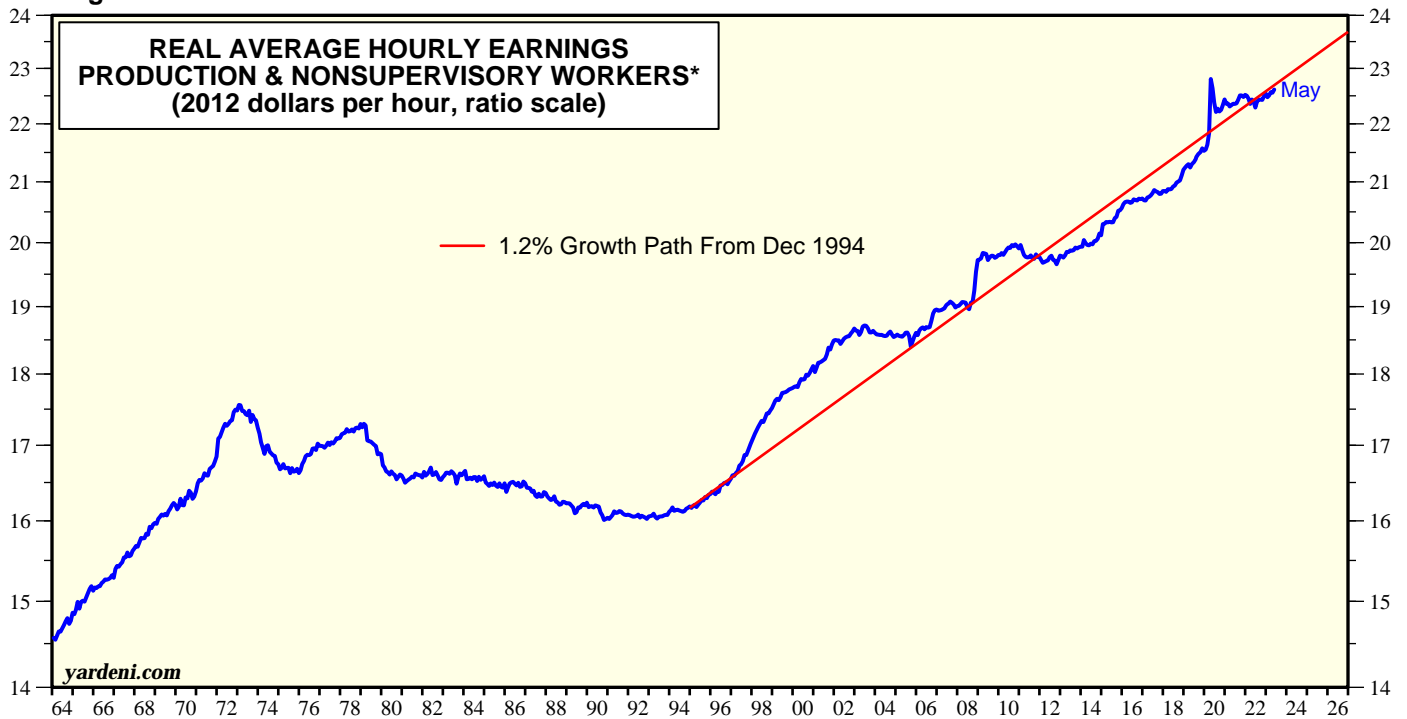
Note: Shaded areas are recessions according to the National Bureau of Economic Research.  
Source: Board of Governors of the Federal Reserve System.

**Figure 4.**



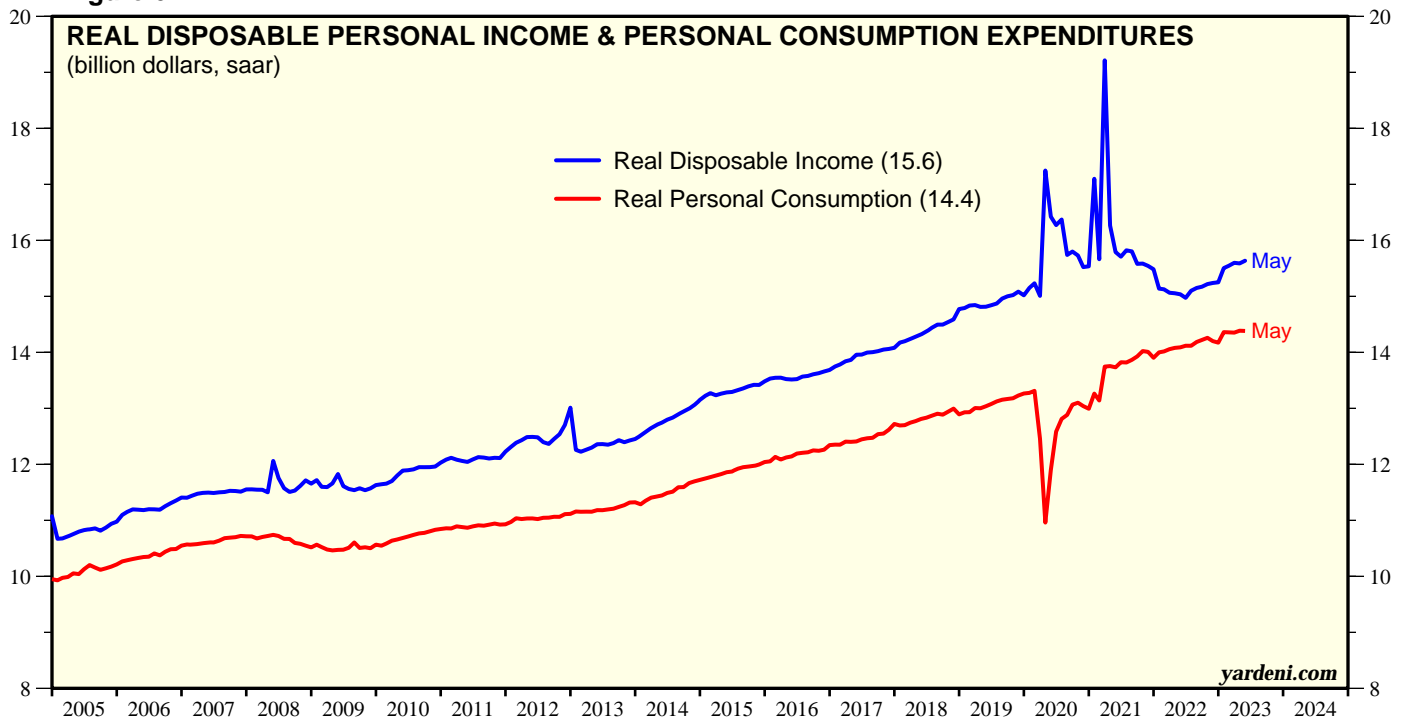
Source: Federal Reserve Board Financial Accounts of the United States, Distributional Financial Accounts (DFA).

Figure 5.



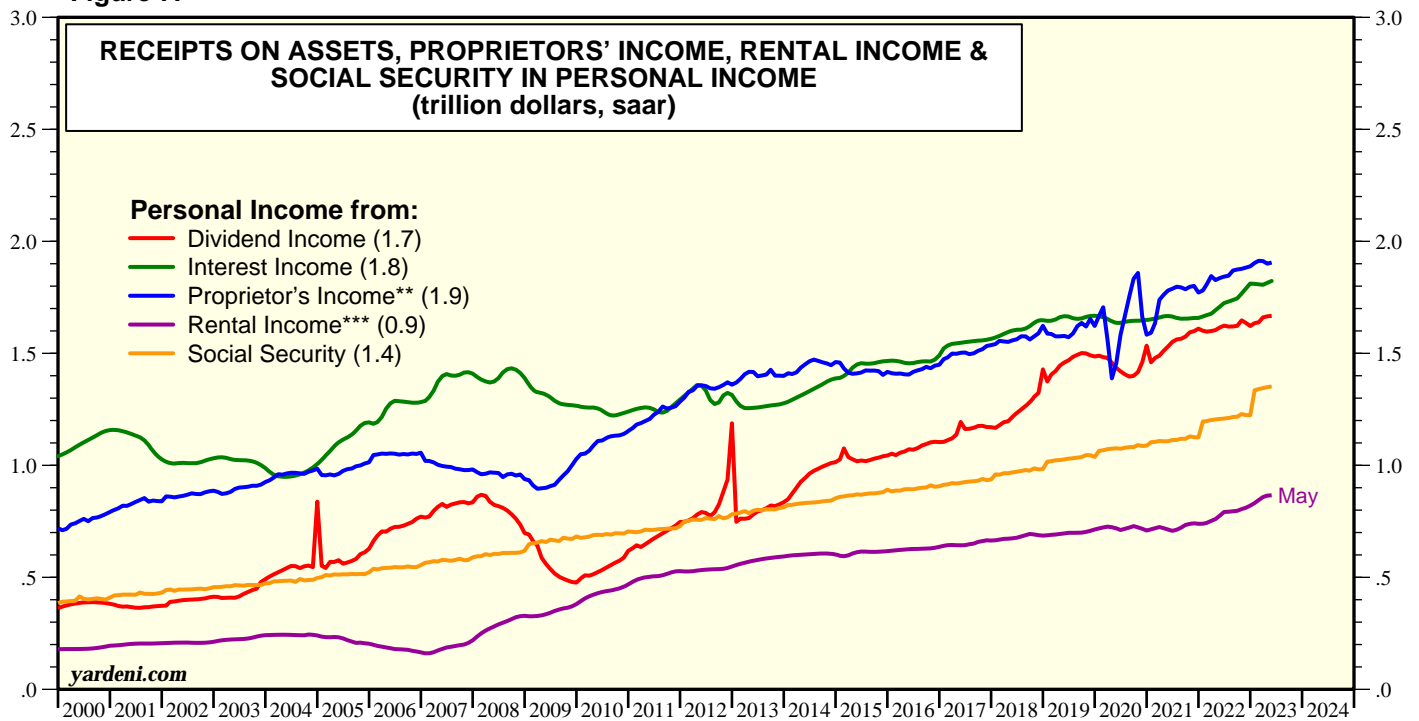
\* Average hourly earnings deflated by personal consumption expenditures deflator.  
Source: Bureau of Labor Statistics, Bureau of Economic Analysis, and Haver Analytics.

Figure 6.



Source: US Department of Commerce, Bureau of Economic Analysis.

**Figure 7.**



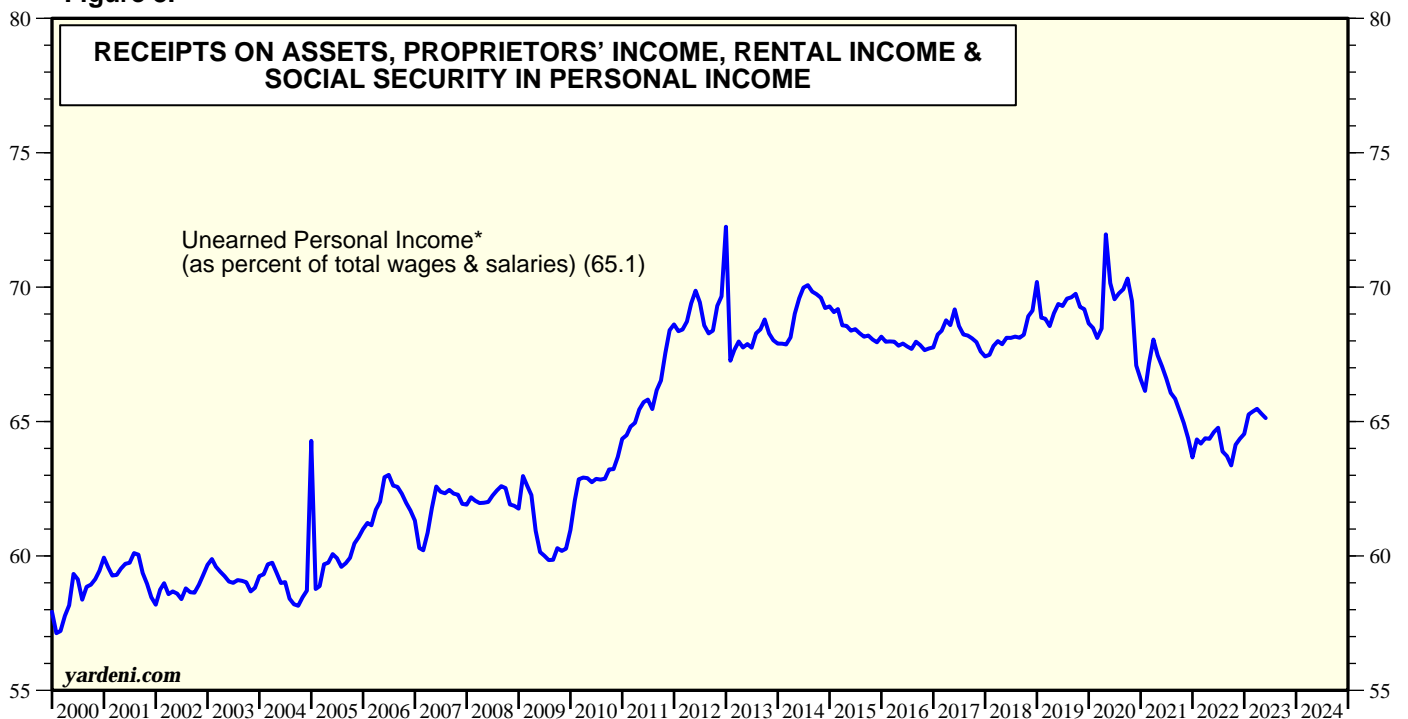
\* Includes dividends from S corporations.

\*\* From unincorporated private business. Includes Inventory Valuation Adjustment and Capital Consumption Adjustment.

\*\*\* Includes rent of tenant-occupied housing and imputed rent of owner-occupied housing. Includes Capital Consumption Adjustment.

Source: Bureau of Economic Analysis.

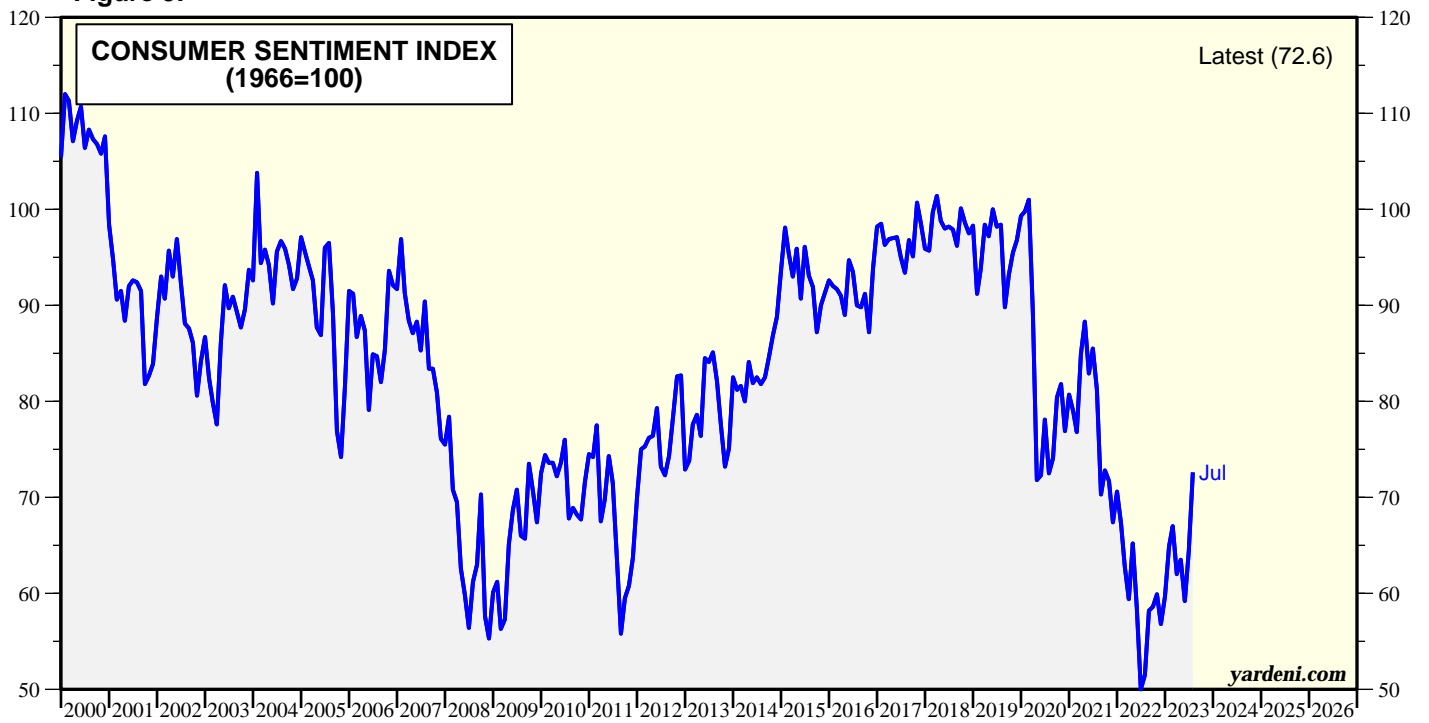
**Figure 8.**



\* Includes Interest income, dividends, proprietors' income, rent, and social security.

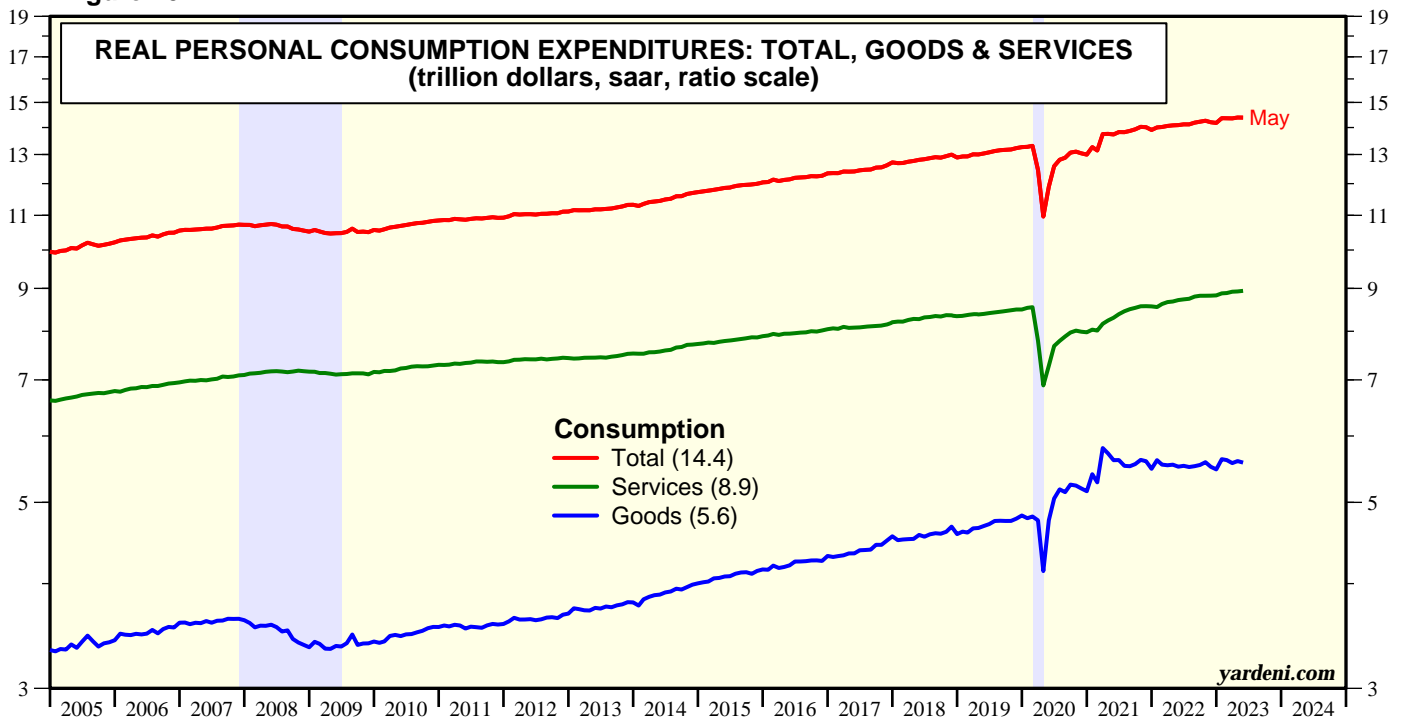
Source: Bureau of Economic Analysis.

Figure 9.



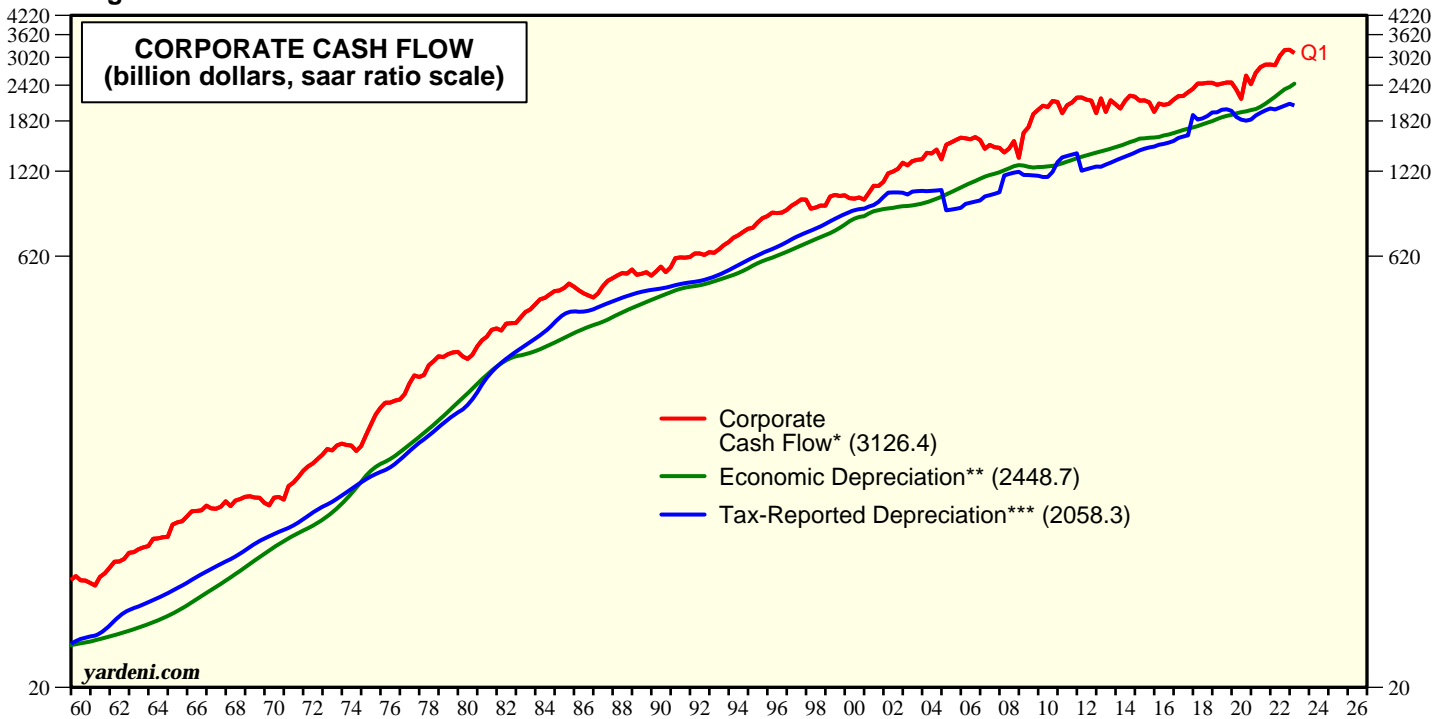
Source: Reuters/University of Michigan.

Figure 10.



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

Figure 11.



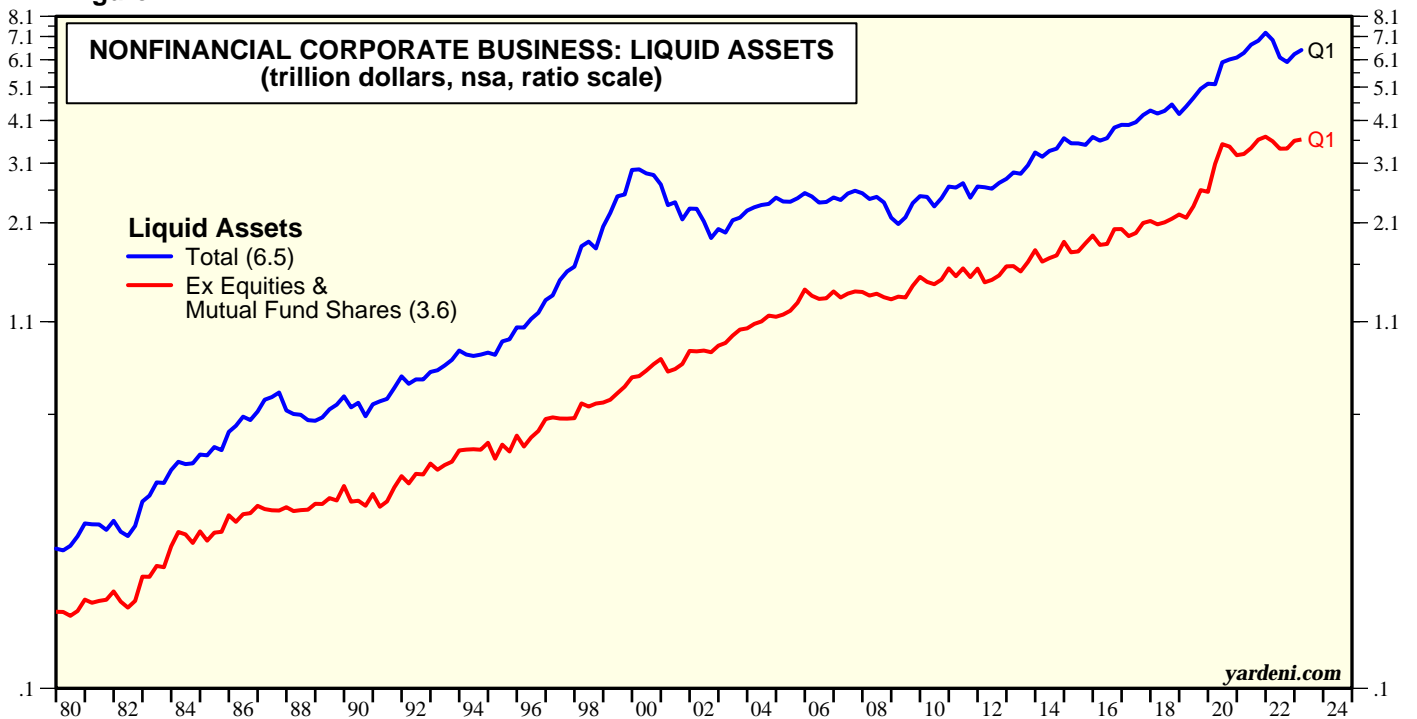
\* After-tax undistributed corporate profits with IVA plus capital consumption allowance (i.e., tax-reported depreciation), which is equal to consumption of fixed capital (i.e., economic depreciation) plus the capital consumption adjustment (CCAAdj).

\*\* Consumption of fixed capital.

\*\*\* Capital consumption allowance (i.e., tax-reported depreciation).

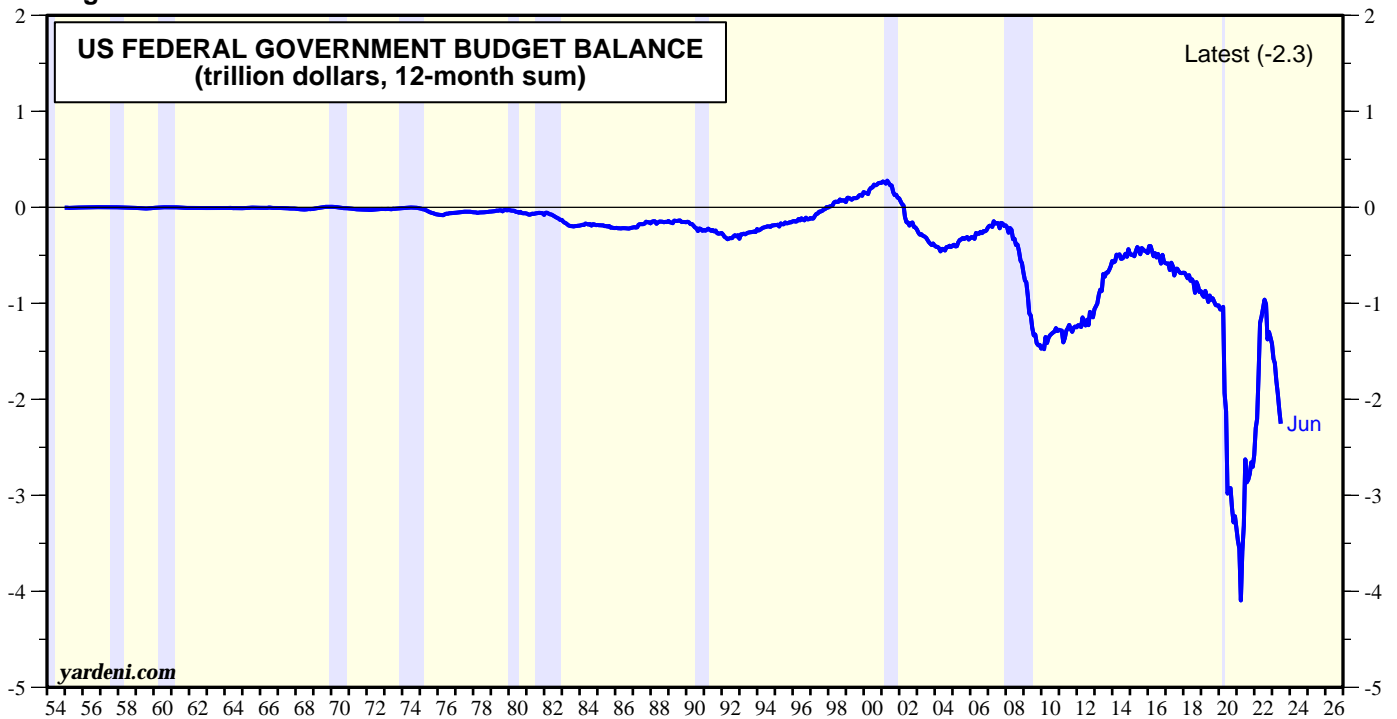
Source: Bureau of Economic Analysis.

Figure 12.



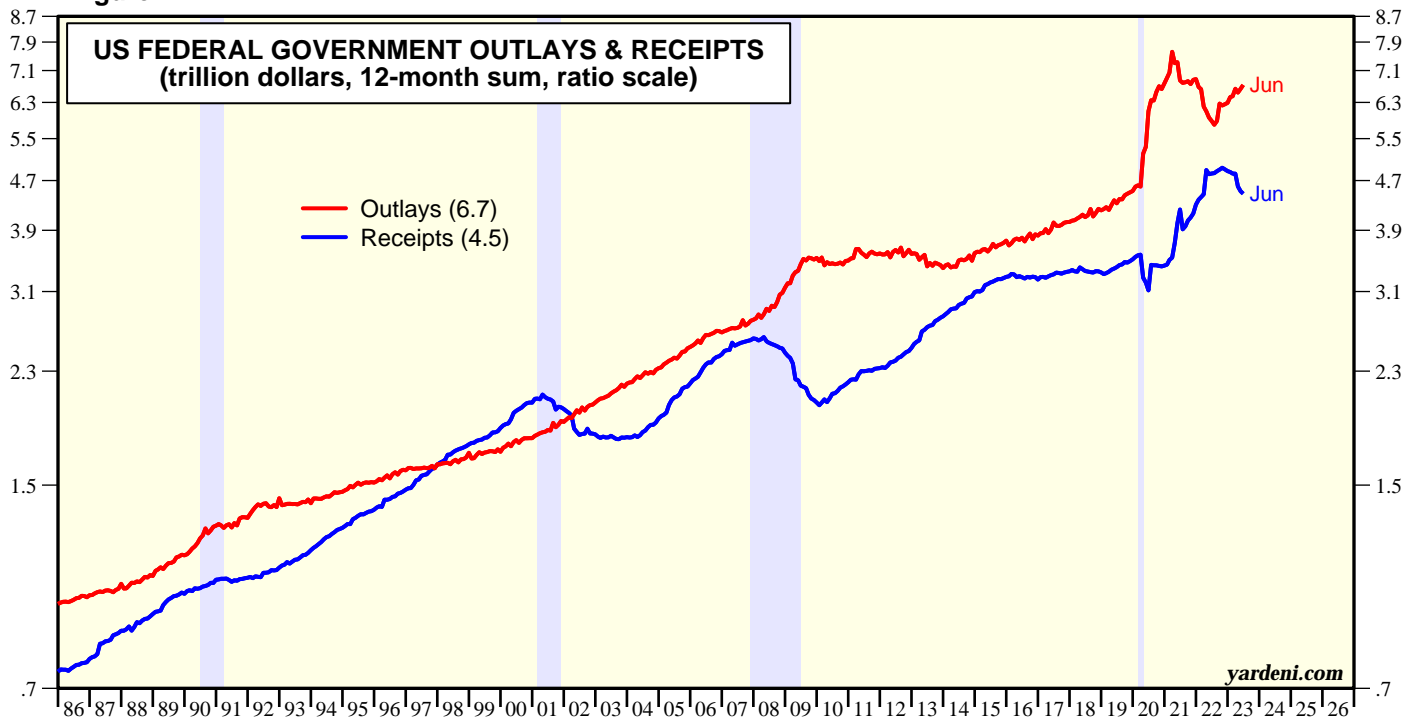
Source: Federal Reserve Board, Financial Accounts of the United States.

Figure 13.



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

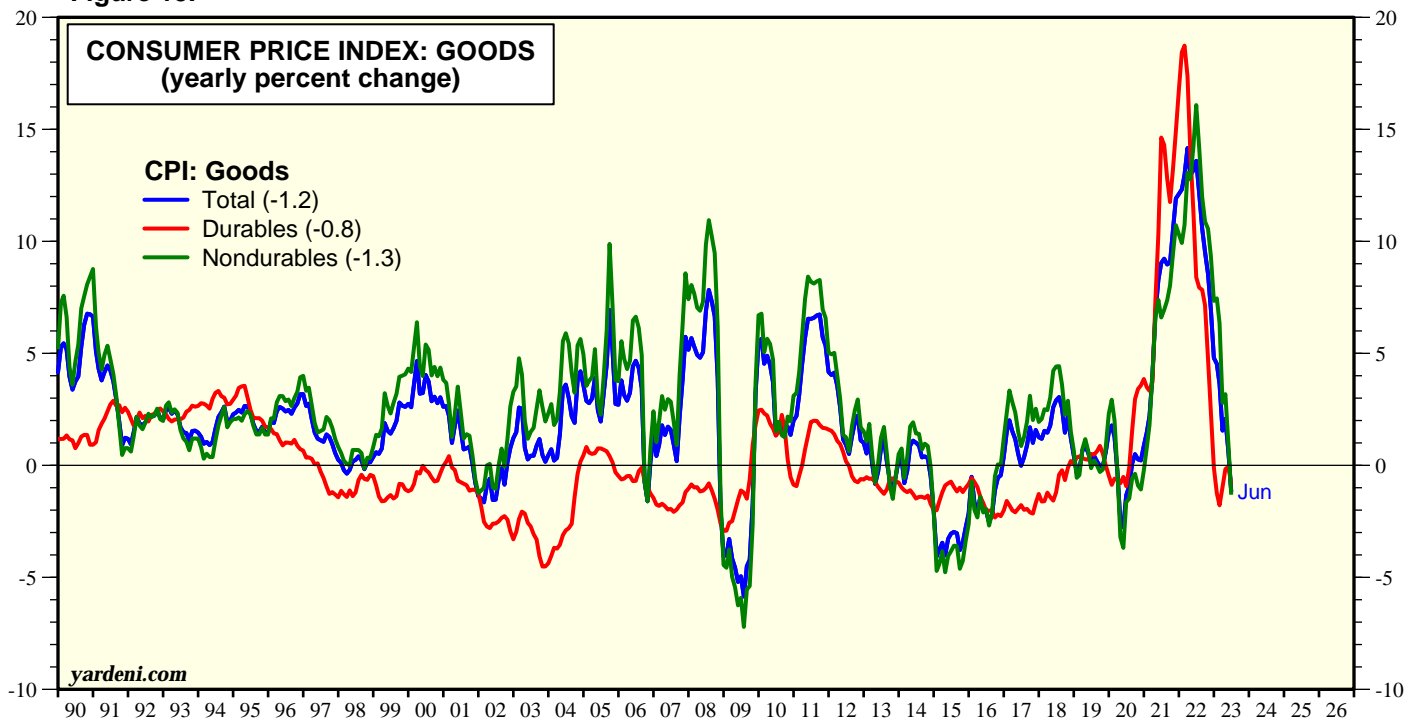
Figure 14.



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

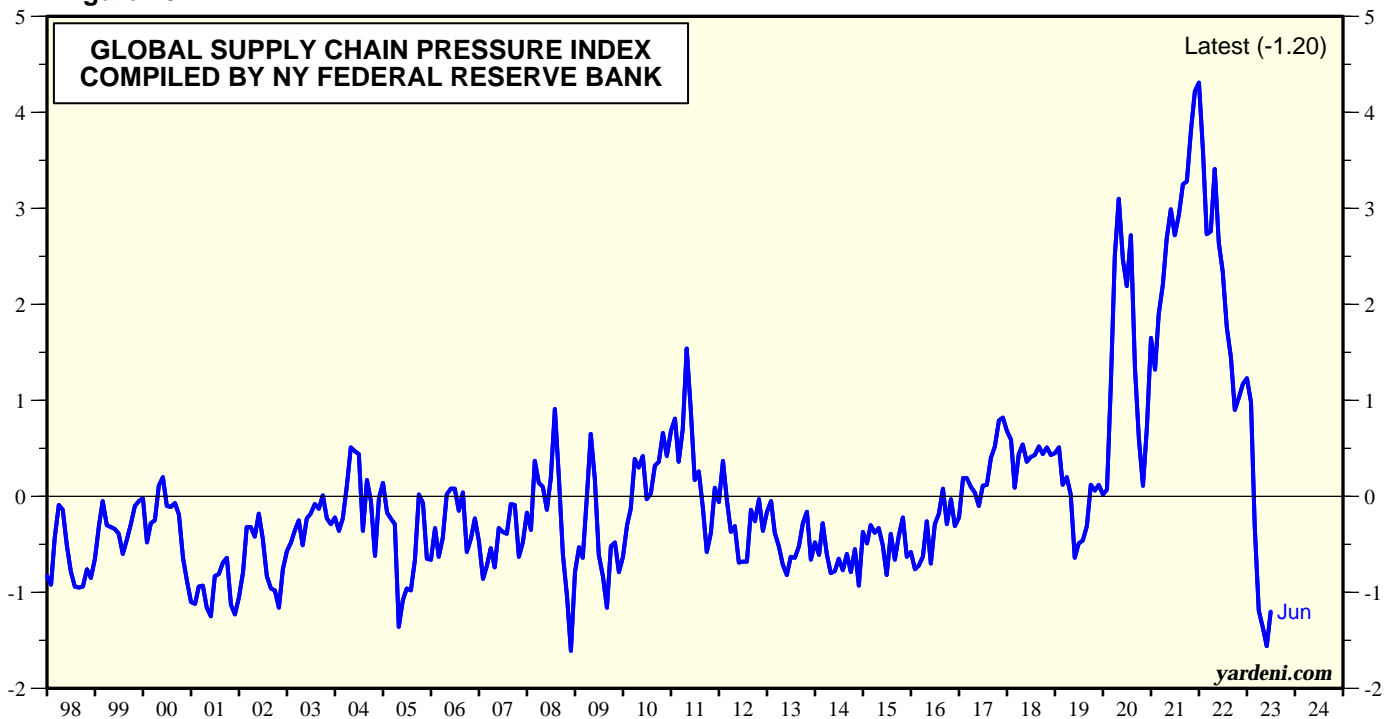


Figure 15.



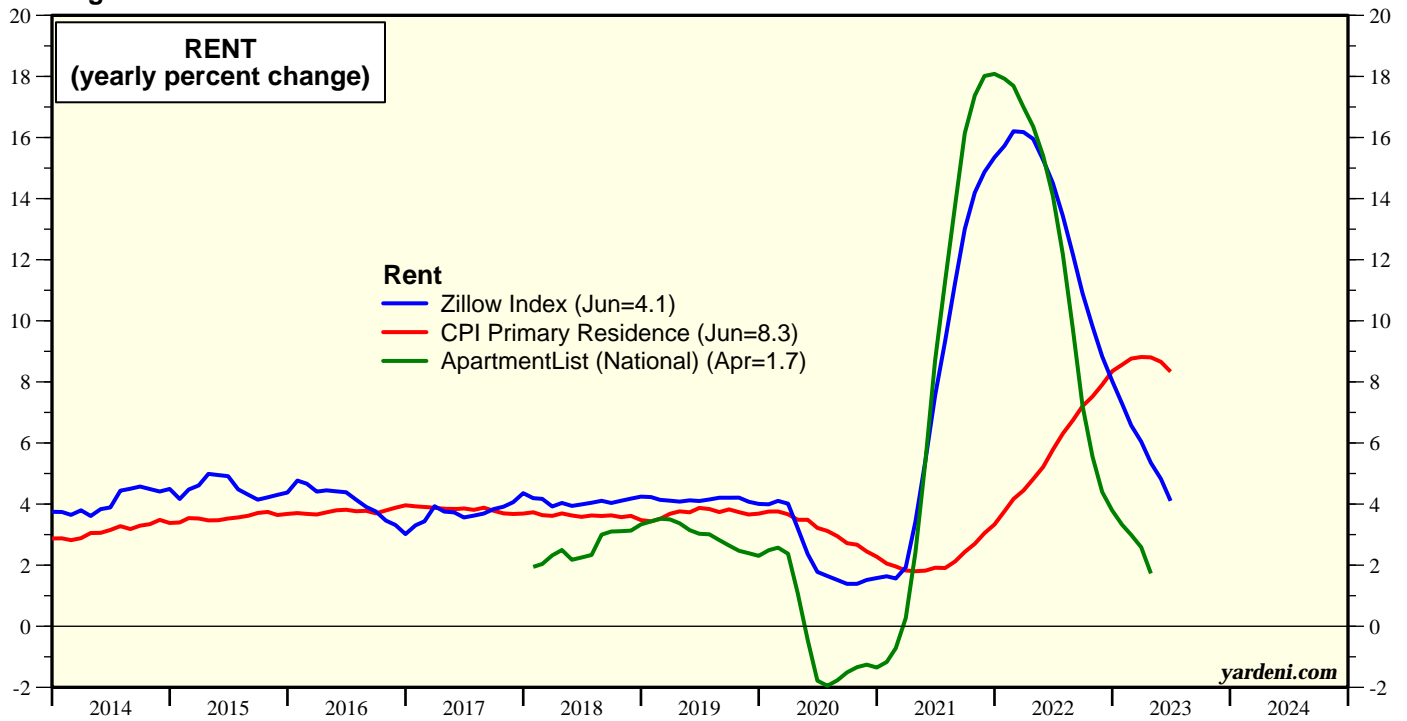
Source: Bureau of Labor Statistics.

Figure 16.



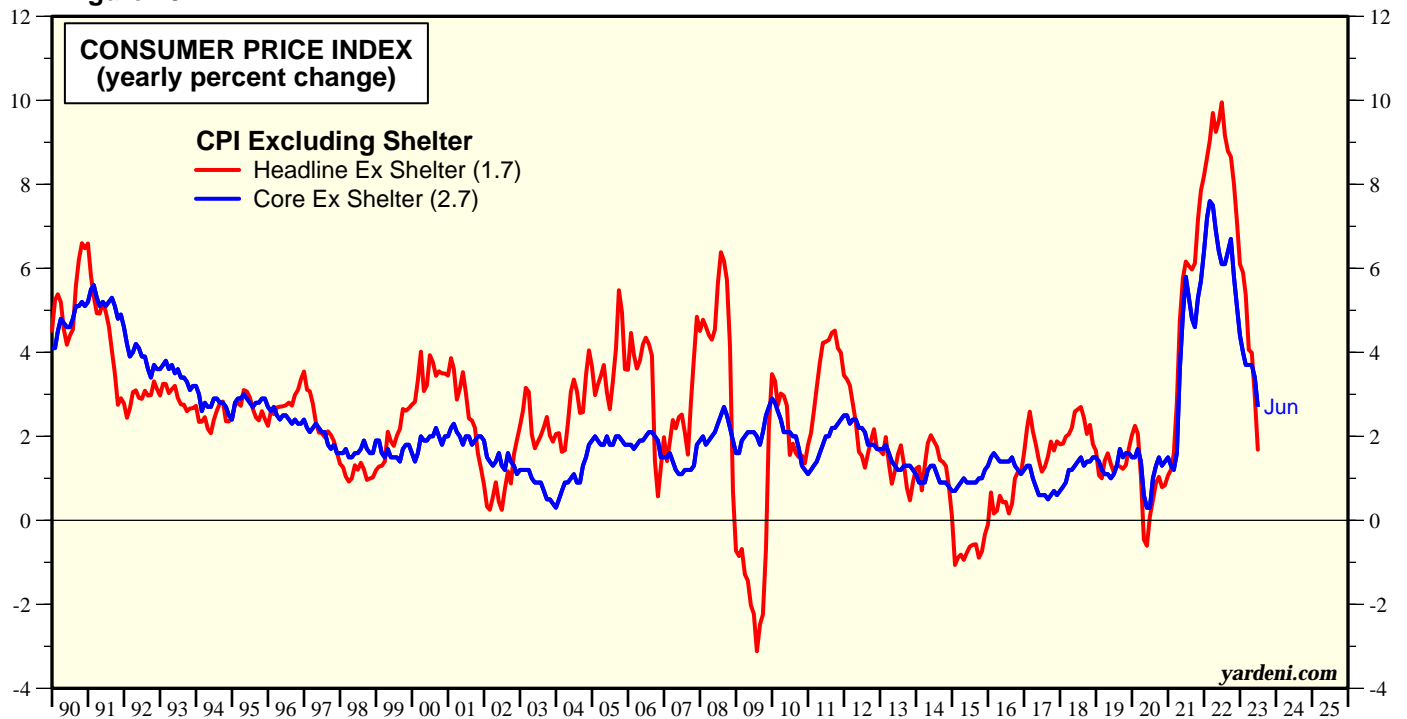
Sources: Bureau of Labor Statistics, Harper Petersen Holding GmbH, Baltic Exchange, IHS Market, Institute for Supply Management, Bloomberg, and Haver Analytics.

Figure 17.



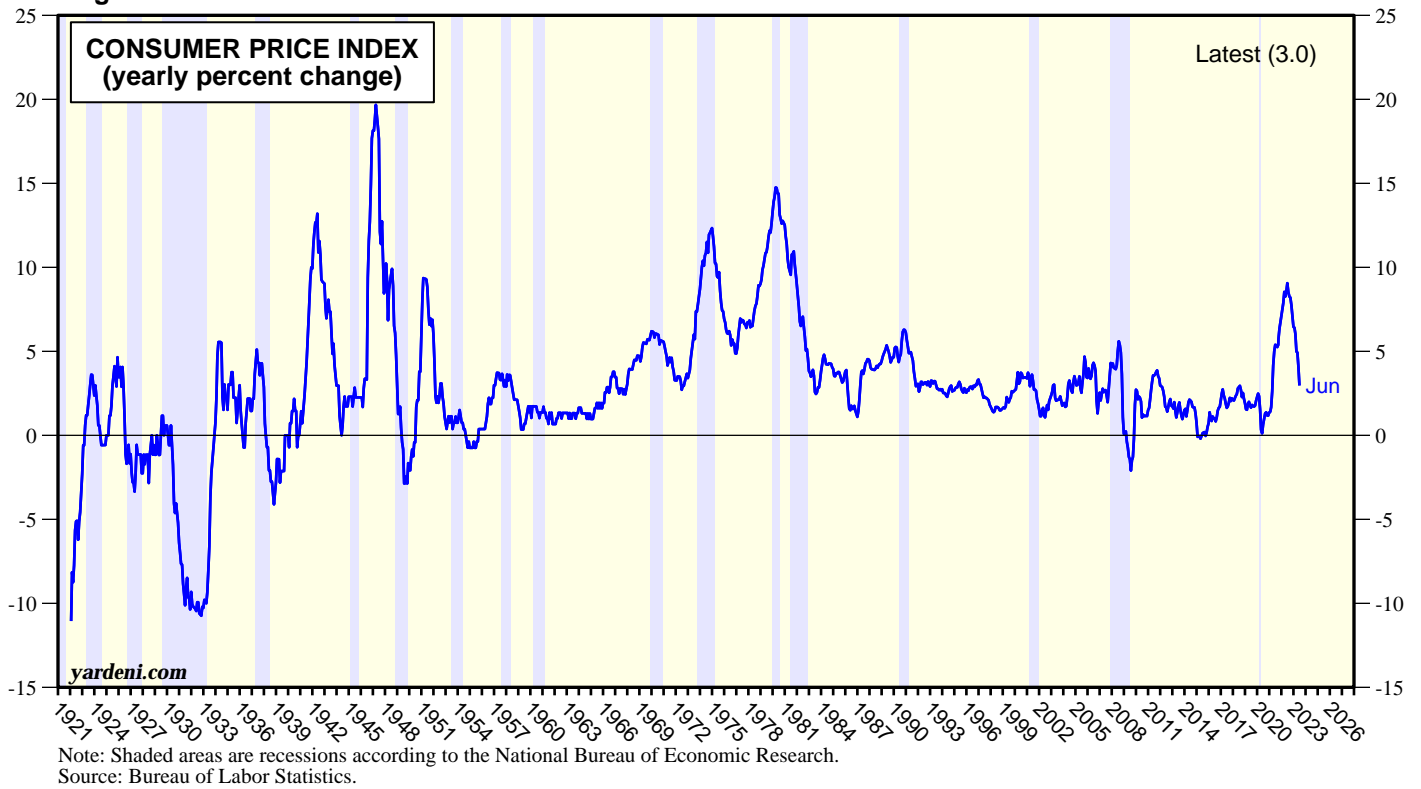
Source: Zillow, ApartmentList, and Bureau of Labor Statistics.

Figure 18.



Source: Bureau of Labor Statistics and Haver Analytics.

Figure 19.



**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](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](#).