

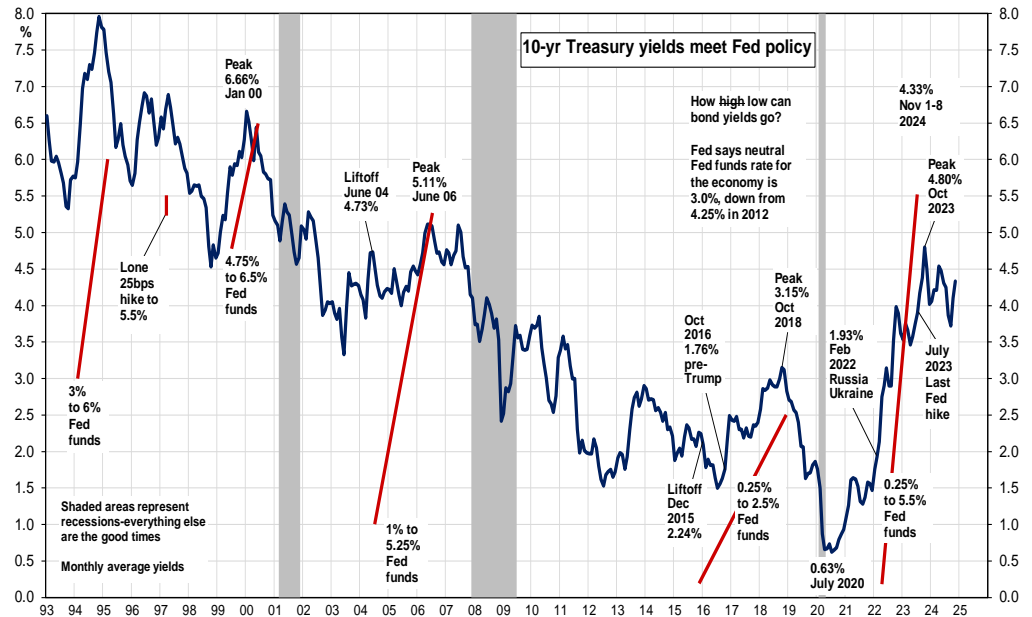
# Financial Markets This Week

8 NOVEMBER 2024

Christopher S. Rupkey, CFA  
Chief Economist  
crupkey@fwdbonds.com

## BOND YIELD RALLY

Bond yields have backed up dramatically as the fears of a Trump presidency suddenly became a reality. The bond market was leery of the ability of both candidates to address the nation's fiscal challenges, warned about by no less than the IMF, and the Trump tariff threats (inflationary) served as a reminder about what happened in his first



administration. The yield backup in 10-yr Treasury yields has been dramatic, but on a monthly average basis in the graph above, there is no reason to panic yet, and indeed the one thing markets have learned is that the Trump administration policy initiatives have been difficult to anticipate until it actually happens. The Fed is cutting interest rates regardless of bond yields as inflation has fallen, if not to the 2.0% target, it is close enough to start returning rates to neutral. Looking back in the graph here, Powell backed interest rates down in three 25 moves July, September, October 2019 from 2.5% to 1.75%, and 10-yr yields fell to 1.63% on a monthly basis in August 2019, holding that low until the pandemic.

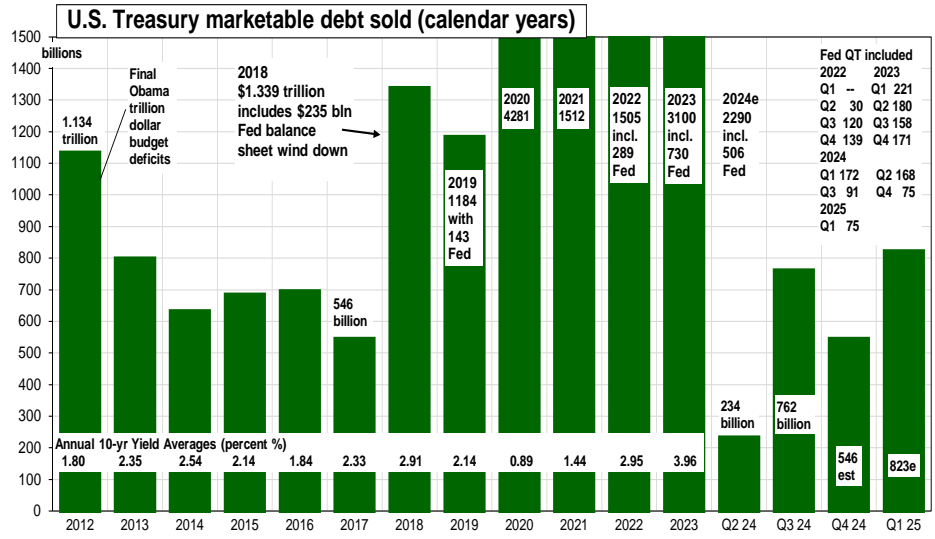
Okay, aside from future Fed policy moves, “the backbone” holding up 10-yr benchmark Treasury

| %    | Core CPI | Core PCE | Diff |
|------|----------|----------|------|
| 2002 | 2.4      | 1.7      | 0.7  |
| 2003 | 1.4      | 1.6      | -0.2 |
| 2004 | 1.8      | 2.0      | -0.2 |
| 2005 | 2.2      | 2.2      | 0.0  |
| 2006 | 2.5      | 2.4      | 0.1  |
| 2007 | 2.3      | 2.2      | 0.1  |
| 2008 | 2.3      | 2.0      | 0.3  |
| 2009 | 1.7      | 0.9      | 0.8  |
| 2010 | 1.0      | 1.4      | -0.4 |
| 2011 | 1.7      | 1.6      | 0.1  |
| 2012 | 2.1      | 1.9      | 0.2  |
| 2013 | 1.8      | 1.5      | 0.3  |
| 2014 | 1.7      | 1.5      | 0.2  |
| 2015 | 1.8      | 1.2      | 0.6  |
| 2016 | 2.2      | 1.6      | 0.6  |
| 2017 | 1.8      | 1.6      | 0.2  |
| 2018 | 2.1      | 1.9      | 0.2  |
| 2019 | 2.2      | 1.6      | 0.6  |
| 2020 | 1.7      | 1.3      | 0.4  |
| 2021 | 3.6      | 3.6      | 0.0  |
| 2022 | 6.2      | 5.4      | 0.8  |
| 2023 | 4.8      | 4.1      | 0.7  |
| 2024 | 3.5      | 2.8      | 0.7  |

|      | 10-yr Treasury Yield | Core CPI | Real Yield bps |
|------|----------------------|----------|----------------|
| 2002 | 4.61                 | 2.4      | 221            |
| 2003 | 4.01                 | 1.4      | 261            |
| 2004 | 4.27                 | 1.8      | 247            |
| 2005 | 4.29                 | 2.2      | 209            |
| 2006 | 4.80                 | 2.5      | 230            |
| 2007 | 4.63                 | 2.3      | 233            |
| 2008 | 3.66                 | 2.3      | 136            |
| 2009 | 3.26                 | 1.7      | 156            |
| 2010 | 3.22                 | 1.0      | 222            |
| 2011 | 2.78                 | 1.7      | 108            |
| 2012 | 1.80                 | 2.1      | -30            |
| 2013 | 2.35                 | 1.8      | 55             |
| 2014 | 2.54                 | 1.7      | 84             |
| 2015 | 2.14                 | 1.8      | 34             |
| 2016 | 1.84                 | 2.2      | -36            |
| 2017 | 2.33                 | 1.8      | 53             |
| 2018 | 2.91                 | 2.1      | 81             |
| 2019 | 2.14                 | 2.2      | -6             |
| 2020 | 0.89                 | 1.7      | -81            |
| 2021 | 1.44                 | 3.6      | -216           |
| 2022 | 2.95                 | 6.2      | -325           |
| 2023 | 3.96                 | 4.8      | -84            |
| 2024 | 4.18                 | 3.5      | 68             |

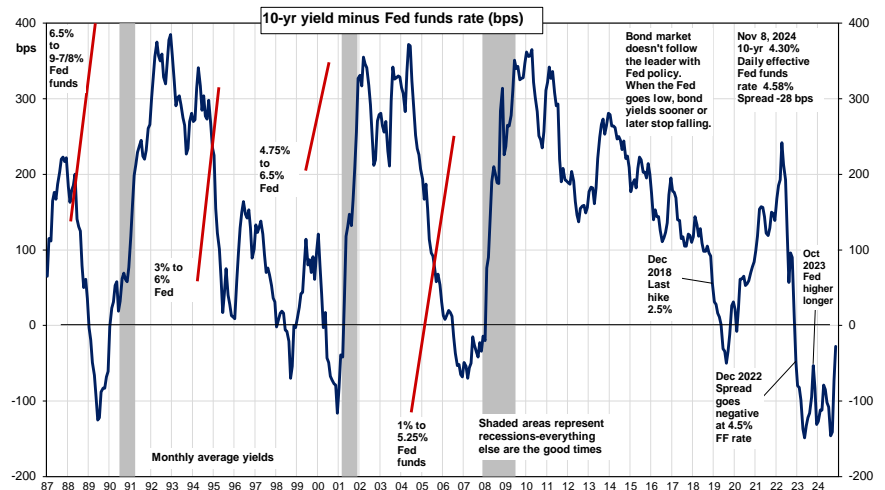
yields, how are 10-year yields doing against the other two valuation markers of inflation and supply/demand, the latter having been reduced to simply supply, something that is directly measurable. Real rates have moved back to positive, 68 bps through September this year with a 10-yr yield of 4.18% and 3.5% core CPI. Nothing like the 200 bps real rates in the early 2000s.

Aside from inflation, the market is worried about the national debt, a large number which is going higher with social security benefits for retiring baby boomers and their meds and therapy. The Federal budget deficit was \$1.8 trillion in FY2024 but the Treasury borrowed \$2.5 trillion from the market. Borrowing needs are coming down as the Fed QT shrinks from \$720 billion



to a \$300 billion annual rate. The Treasury Q1 2025 new cash estimate is still up there at \$823 billion versus \$748 billion a year earlier in Q1 2024. The new cash estimate was made or released on Monday, October 28 at 3pm ET before the election result. Despite all the talk during the election campaign of tax cuts, historically the Republicans in Congress have been dead set against increasing Federal budget deficits. Hard to know how this will play out in the first 100 days of the new administration next year.

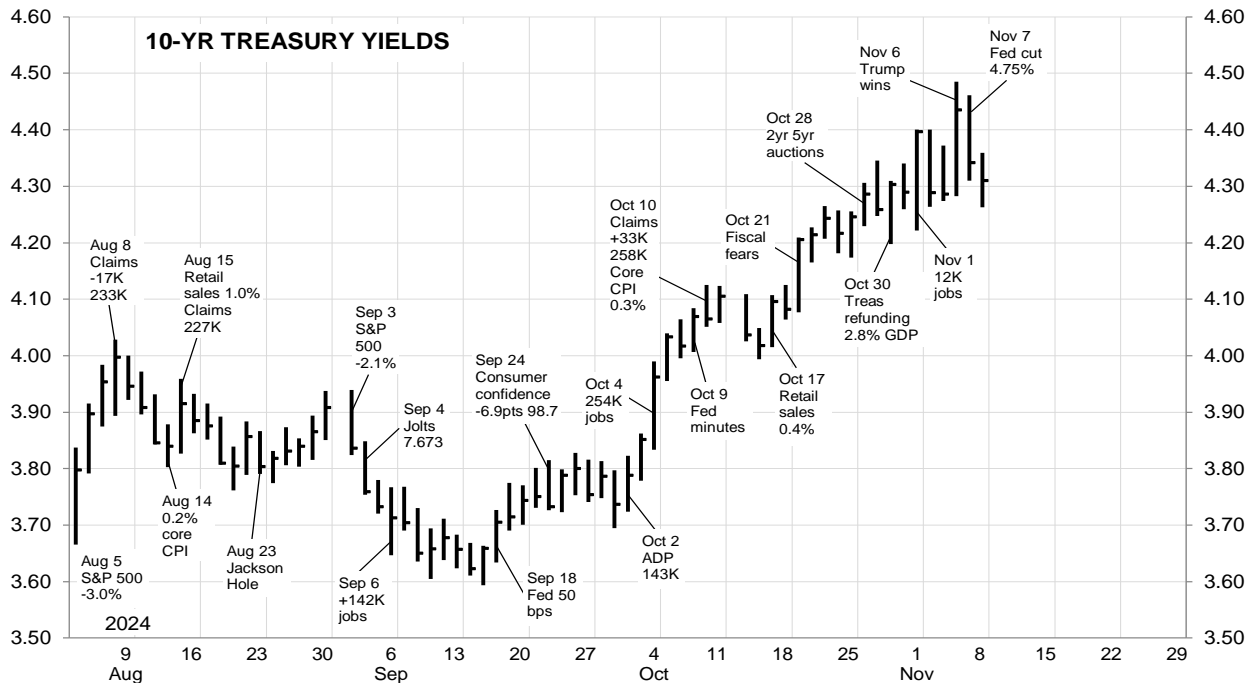
The press conference with Powell on Thursday tried to get him to talk about the recent rise in bond yields, essentially don't higher bond yields work against what you are trying to do in bringing short-term rates down and making monetary policy less restrictive. He would not go there: the fiscal fears of rising deficits, as a reason for the higher bond yields for



example. He said they were a long way from trying to assess potential fiscal policy changes, the process has to play out over some time, the legislation would have to be passed first, they would model the policy changes etc. Anyway he did not think higher bond yields were caused by increased inflation expectations, the tariff threat and fiscal changes, he just put it down to downside risks having diminished and the economy is stronger. Indeed, the 10-yr yield mid-September 3.6% low was on recession fears and the multiple Fed rate cuts that would be needed to stabilize the economy's ship.

The yield curve between the Fed funds rate and the 10-year yield was going to steepen at some point. Maybe the spread does not go out to 200 bps again, but 100 bps seems plausible which means a 10-yr yield still at 4.0% if the Fed cuts its rate (promises kept) to 3.0% at the end of 2026. Can't wait. Stay tuned.

INTEREST RATES

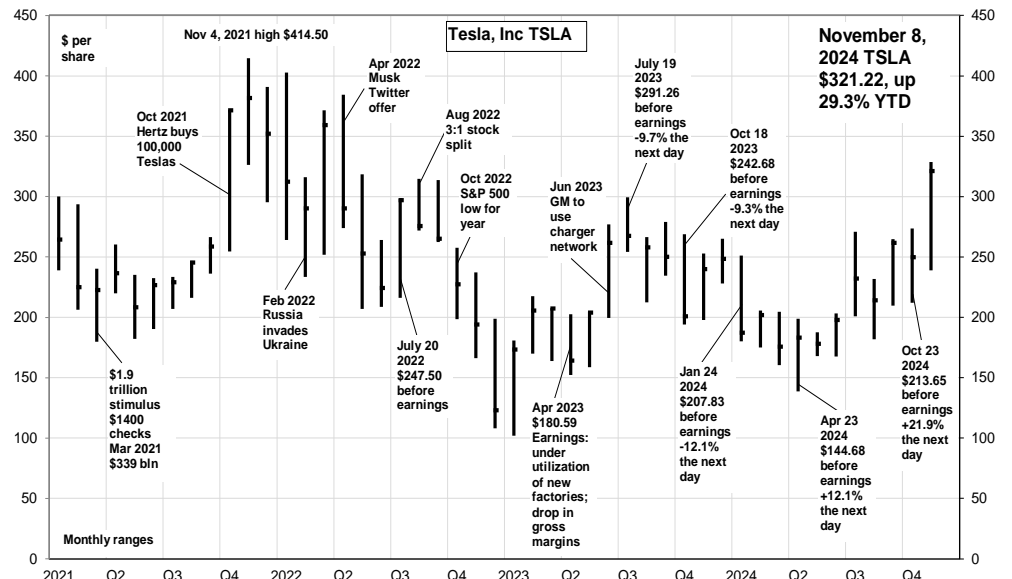


The market for one certainly celebrated the outcome of the presidential election partly as the downside risks went away with a quick decisive vote count and partly looking forward to what lies ahead maybe. Bank stocks looked forward to less regulation in Wednesday trading with Chase +11.5%, Citi +8.4%, Goldman +13.1%. The S&P 500 was up 2.5% Wednesday looking forward to a lower corporate tax rate, pro-business administration. Hard to know what to say. 10-year Treasury yields jumped 15 bps to 4.44% on Wednesday looking forward to more deficit spending. April Fed funds futures are not as friendly for 50 more bps of rate cuts to 4.25% by the end of the first quarter next year. We thought the president-elect liked low rates. Stay tuned. The best is yet to come. Trade friction, higher inflation too.

Tesla, Inc. (TSLA) up 29.3% YTD

The stock jumped 21.9% to \$260.48 on Thursday, October 24, after earnings Wednesday afternoon. Investors seemed to like the forecast. That was just the start with the stock Wednesday moving 14.8% higher to \$288.53 after Trump's victory. The stock closed above \$1 trillion in market value on Friday as CEO Musk is anticipated to benefit from the president-elect's term in office.

|         | Operating Model 3/Y |        |            |
|---------|---------------------|--------|------------|
| Mln \$  | Revenue             | Income | Deliveries |
| Q1 2020 | 5,985               | 283    | 76,266     |
| Q2 2020 | 6,036               | 327    | 80,277     |
| Q3 2020 | 8,771               | 809    | 124,318    |
| Q4 2020 | 10,744              | 575    | 161,701    |
| Q1 2021 | 10,389              | 594    | 182,847    |
| Q2 2021 | 11,958              | 1,312  | 199,409    |
| Q3 2021 | 13,757              | 2,004  | 232,102    |
| Q4 2021 | 17,719              | 2,613  | 296,884    |
| Q1 2022 | 18,756              | 3,603  | 295,324    |
| Q2 2022 | 16,934              | 2,464  | 238,533    |
| Q3 2022 | 21,454              | 3,688  | 325,158    |
| Q4 2022 | 24,318              | 3,901  | 388,131    |
| Q1 2023 | 23,329              | 2,664  | 412,180    |
| Q2 2023 | 24,927              | 2,399  | 446,915    |
| Q3 2023 | 23,350              | 1,764  | 419,074    |
| Q4 2023 | 25,167              | 2,064  | 461,538    |
| Q1 2024 | 21,301              | 1,171  | 369,783    |
| Q2 2024 | 25,500              | 1,605  | 422,405    |
| Q3 2024 | 25,182              | 2,717  | 439,975    |



### FEDERAL RESERVE POLICY

The Fed met November 6-7, 2024 to consider its monetary policy. After a first 50 bps rate cut from 5.5% in September, they downshifted to a 25 bps rate cut to 4.75%. There was nothing in the press conference to suggest their September meeting forecasts will not be acted on again in the future which means one final 25 bps rate cut in December to 4.5%. In 2025, it looks like 25 bps per quarter ending at 3.5%. We would not mind for our money market fund if they stopped at 4.0% and then leave the building. They probably have other ideas as they search for the mythical level of neutral rates that does not slow the economy down or speed it up. Common sense should tell you that 3% or 4% probably makes little difference, it is only 100 bps. Cannot be that critical. The only thing different this time is homeowners like their 3% mortgages and the Fed cannot get them those rates again unless they cut rates to emergency 0.25% levels again. Powell did cut rates twice between meetings from 1.75% to 0.25% in the first days of the pandemic. In terms of finding neutral, in response to a question, Powell said there was no hurry to get there. They are seeing strong economic activity after all. Powell added, "So we think the right way to find neutral, if you will, is carefully, patiently." Looks like no reason to go back to a 50 bps rate cut as the earlier growth scare triggered by the two-tenths jump to 4.3% unemployment on Friday, August 2, has largely disappeared.

| Selected Fed assets and liabilities                       |                 |                 |                 |                 |                 | Change from      |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Fed H.4.1 statistical release billions, Wednesday data    | 6-Nov           | 30-Oct          | 23-Oct          | 16-Oct          | 3/11/20*        | 3/11/20 to Nov 6 |
| <b>Factors adding reserves</b>                            |                 |                 |                 |                 |                 |                  |
| U.S. Treasury securities                                  | 4339.963        | 4357.825        | 4357.656        | 4357.572        | 2523.031        | 1816.932         |
| Federal agency debt securities                            | 2.347           | 2.347           | 2.347           | 2.347           |                 | 0.000            |
| Mortgage-backed securities (MBS)                          | 2265.963        | 2265.963        | 2282.088        | 2282.088        | 1371.846        | 894.117          |
| Repurchase agreements                                     | 0.101           | 0.031           | 0.000           | 0.001           | 242.375         | -242.274         |
| Primary credit (Discount Window)                          | 1.600           | 1.505           | 1.768           | 1.879           | 0.011           | 1.589            |
| Bank Term Funding Program                                 | 59.758          | 57.831          | 59.717          | 66.833          |                 |                  |
| FDIC Loans to banks via Fed                               | 0.000           | 0.000           | 0.000           | 0.000           |                 |                  |
| Paycheck Protection Facility                              | 2.049           | 2.090           | 2.124           | 2.201           |                 |                  |
| Main Street Lending Program                               | 10.143          | 10.158          | 10.145          | 10.135          |                 |                  |
| Municipal Liquidity Facility                              | 0.000           | 0.000           | 0.000           | 0.000           |                 |                  |
| Term Asset-Backed Facility (TALF II)                      | 0.000           | 0.000           | 0.000           | 0.000           |                 |                  |
| Central bank liquidity swaps                              | 0.151           | 0.157           | 0.163           | 0.159           | 0.058           | 0.093            |
| <b>Federal Reserve Total Assets</b>                       | <b>7045.6</b>   | <b>7063.7</b>   | <b>7080.7</b>   | <b>7090.3</b>   | <b>4360.0</b>   | <b>2685.598</b>  |
| 3-month-Libor-% SOFR %                                    | 4.81            | 4.81            | 4.83            | 4.86            | 1.15            | 3.660            |
| <b>Factors draining reserves</b>                          |                 |                 |                 |                 |                 |                  |
| Currency in circulation                                   | 2359.810        | 2356.502        | 2355.493        | 2358.793        | 1818.957        | 540.853          |
| Term Deposit Facility                                     | 0.000           | 0.000           | 0.000           | 0.000           | 0.000           | 0.000            |
| U.S. Treasury Account at Fed                              | 840.227         | 847.137         | 817.410         | 814.751         | 372.337         | 467.890          |
| Treasury credit facilities contribution                   | 4.958           | 4.958           | 4.958           | 4.958           |                 |                  |
| Reverse repurchases w/others                              | 177.871         | 228.946         | 270.839         | 272.071         | 1.325           | 176.546          |
| <b>Federal Reserve Liabilities</b>                        | <b>3790.092</b> | <b>3847.954</b> | <b>3852.216</b> | <b>3861.423</b> | <b>2580.036</b> | <b>1210.056</b>  |
| <b>Reserve Balances (Net Liquidity)</b>                   | <b>3255.532</b> | <b>3215.794</b> | <b>3228.462</b> | <b>3228.838</b> | <b>1779.990</b> | <b>1475.542</b>  |
| Treasuries within 15 days                                 | 86.296          | 70.055          | 64.724          | 61.915          | 21.427          | 64.869           |
| Treasuries 16 to 90 days                                  | 193.934         | 215.127         | 217.895         | 178.430         | 221.961         | -28.027          |
| Treasuries 91 days to 1 year                              | 485.953         | 484.413         | 486.965         | 529.229         | 378.403         | 107.550          |
| Treasuries over 1-yr to 5 years                           | 1452.216        | 1467.694        | 1467.656        | 1467.618        | 915.101         | 537.115          |
| Treasuries over 5-yrs to 10 years                         | 593.275         | 592.512         | 592.501         | 592.491         | 327.906         | 265.369          |
| Treasuries over 10-years                                  | 1528.291        | 1528.024        | 1527.915        | 1527.890        | 658.232         | 870.059          |
| Note: QT starts June 1, 2022                              | Change          | 11/6/2024       | 6/1/2022        |                 |                 |                  |
| U.S. Treasury securities                                  | -1430.816       | 4339.963        | 5770.779        |                 |                 |                  |
| Mortgage-backed securities (MBS)                          | -441.483        | 2265.963        | 2707.446        |                 |                 |                  |
| **March 11, 2020 start of coronavirus lockdown of country |                 |                 |                 |                 |                 |                  |

| Fed Policy-key variables | September 2024 median Fed forecasts |      |      |      | Long Term |
|--------------------------|-------------------------------------|------|------|------|-----------|
|                          | 2024                                | 2025 | 2026 | 2027 |           |
| Fed funds                | 4.4                                 | 3.4  | 2.9  | 2.9  | 2.9       |
| PCE inflation            | 2.3                                 | 2.1  | 2.0  | 2.0  | 2.0       |
| Core inflation           | 2.6                                 | 2.2  | 2.0  | 2.0  |           |
| Unemployed               | 4.4                                 | 4.4  | 4.3  | 4.2  | 4.2       |
| GDP                      | 2.0                                 | 2.0  | 2.0  | 2.0  | 1.8       |



All but 7.5 bps is discounted for a 25 bps rate cut December 18. January meeting will be skipped.

| Fed funds futures call Fed policy   |                    |
|---|--------------------|
| Current target: November 8 -- 4.75%   |                    |
| Rate+0.17 Contract  | Fed decision dates |
| 4.575 Jan 2025  | Dec 18*            |
| 4.495 Feb 2025  | Adds Jan 29        |
| Last trade, not settlement price  |                    |
| * Not strictly true, Jan 2025 has Jan 29 Fed date, so 2 days could be a new interest rate |                    |

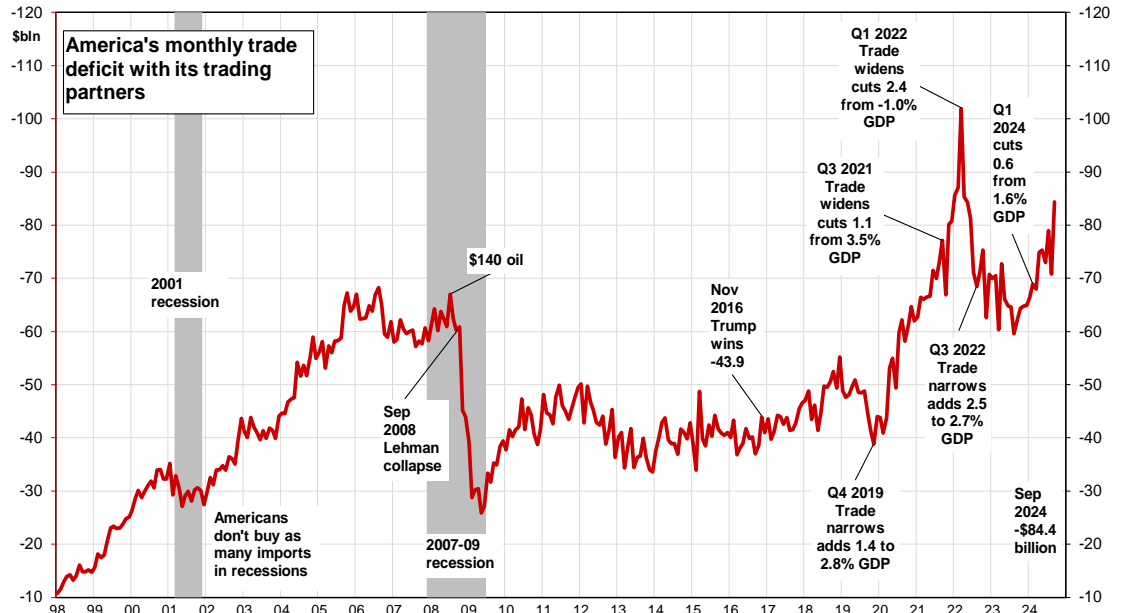
| Next up: October CPI inflation report Wednesday, November 13 |      |     |     |     |     |     |     |     |      |     |     |     |      |     |
|--|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| Monthly % Changes  | 2024 |     |     |     |     |     |     |     | 2023 |     |     |     | 2023 |     |
|  | Oct  | Sep | Aug | Jul | Jun | May | Apr | Mar | Feb  | Jan | Dec | Nov | Oct  | Sep |
| Core CPI inflation   | 0.3  | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4  | 0.3 | 0.3 | 0.2 | 0.3  | 0.2 |
| Core PCE inflation   | 0.3  | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.5  | 0.2 | 0.1 | 0.1 | 0.3  | 0.1 |
| Core PCE YOY   | 2.7  | 2.7 | 2.7 | 2.6 | 2.7 | 2.9 | 3.0 | 2.9 | 3.1  | 3.0 | 3.2 | 3.4 | 3.7  | 3.8 |
| Core CPI YOY   | 3.3  | 3.2 | 3.2 | 3.3 | 3.4 | 3.6 | 3.8 | 3.8 | 3.9  | 3.9 | 4.0 | 4.0 | 4.1  | 4.3 |

OTHER ECONOMIC NEWS

Trade deficit more red ink (Tuesday)

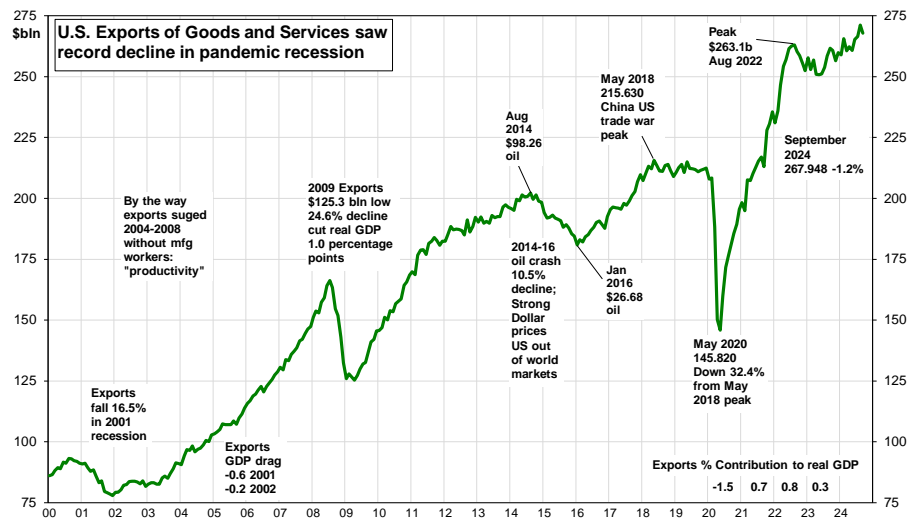
Breaking economy news. The September 2024 trade deficit widened to \$84.4 billion from \$70.8 billion in August. The goods deficit is \$109.0 billion in September versus \$94.8 billion in August. Imports were up and exports were down in September. Exports had been at record highs in August which is consistent with the record high in nondefense capital goods orders ex-aircraft in September. Purchasing managers say manufacturing is in a recession, but exports keep climbing.

Net, net, the US trade deficit red ink soared to new heights in September and shows a dramatic worsening trend despite the volatility seen in the third quarter. Imports subtracted 1.5 percentage point from Q3 2024 2.8% real GDP growth, the most since Q1



2022, and are likely to take a toll on growth again in the current quarter. Imported goods jumped 4.0% in September, but America's reliance on imports may be coming to an end depending upon the outcome of the national elections. There were trade wars and tariffs in the first Trump administration and it appears that tariffs will be used to try to change America's industrial policy again based on the rhetoric at recent campaign rallies.

Based on imports so far this year, the top two countries being targeted for tariffs and sanctions are the \$378.9 billion of imports from Mexico, and China at \$322.2 billion, keeping in mind total US imports this year are \$2.419 trillion. Both countries are part of the problem if that is what American consumer purchases of imported goods is. Stay tuned. Story deteriorating. For now.

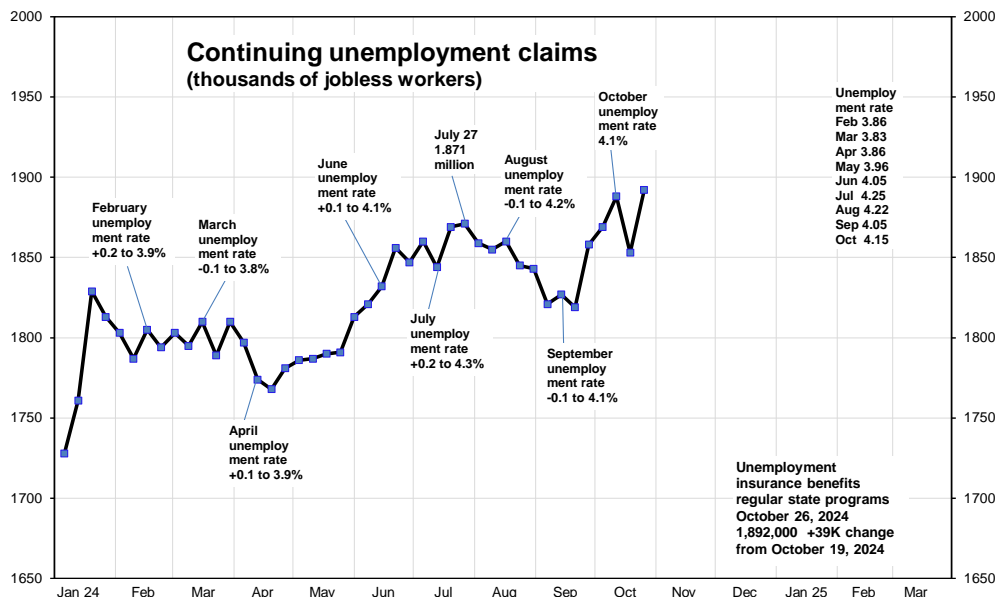
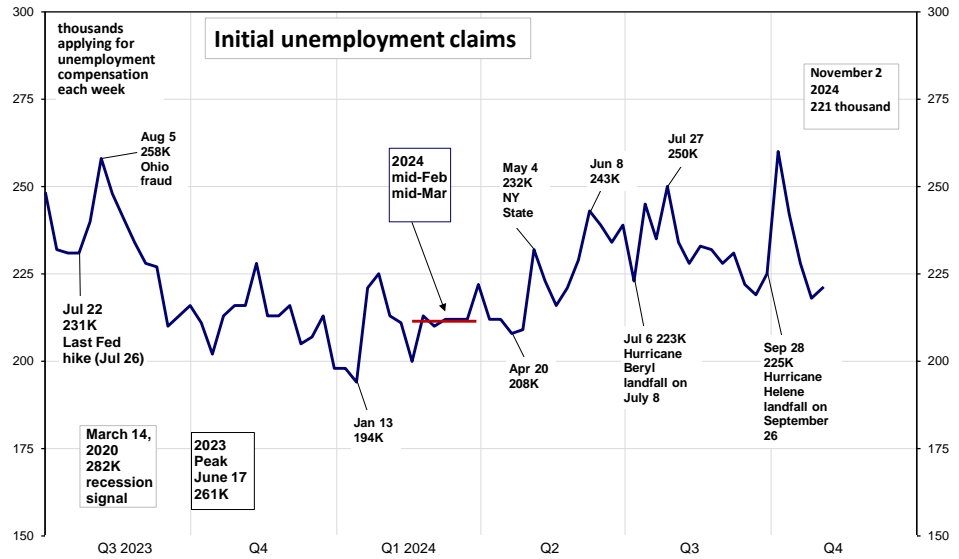


### Labor market calm for now (Thursday)

Breaking economy news. First-time applications for jobless benefits rose 3K to 221K in the November 2 week. Total claims increased 39K to 1.892 million however which is a new 2024 high.

Net, net, the labor market remained calm in the final week's runup before the national elections with job layoffs at minimal levels showing an absence of stress in the overall economy. Companies exhibited an absence of worry or concern about the outlook, but that could change with the unexpected victory by Republicans likely to take policy and tax and

spending initiatives in a new direction. There was a large increase in the number of unemployed Americans receiving jobless benefits, up 39K to 1.892 million in the October 26 week, but this is hard to reconcile with the jobless count behind the official 4.1% unemployment rate in October. Stay tuned. All is quiet on the jobs markets front, but that could change in a heartbeat depending on what changes will be coming down in Washington early next year. The bond market is plainly worried that potential tax cuts of various stripes and colors will not be offset by reductions in Federal government outlays. Time will tell if the rise in bond yields turns out to be right and that Washington will be unable to get its fiscal house in order with the coming change of administrations.

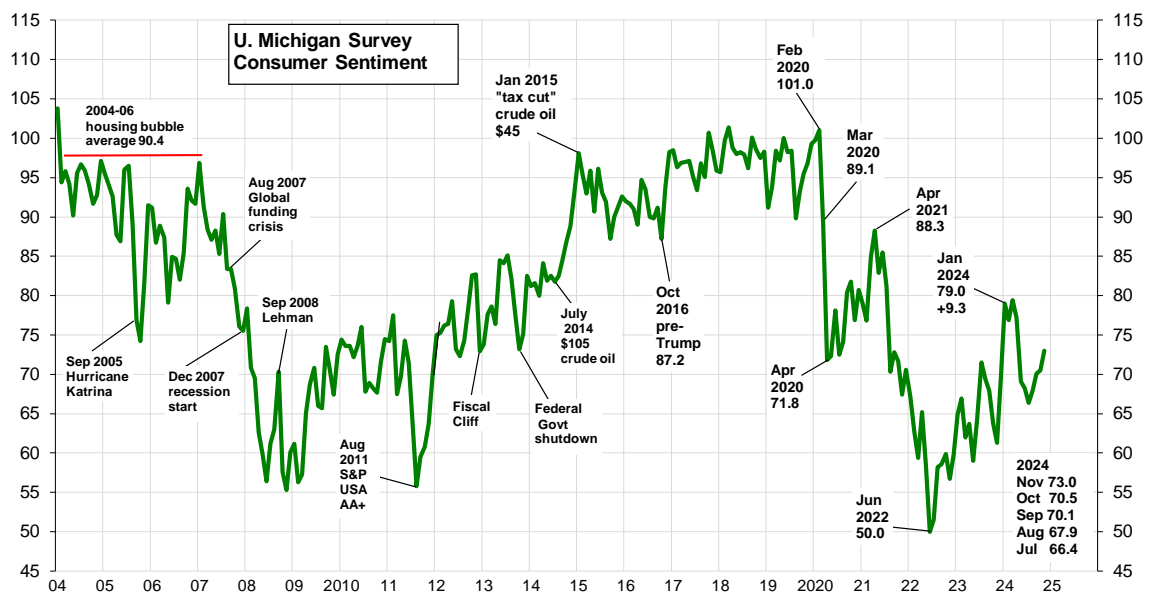




## Michigan sentiment rising (Friday)

Breaking economy news. The University of Michigan consumer sentiment survey improved to 73.0 in November from 70.5 in October. In November 2023 it was way down at 61.3. The index is rebounding slowly from the big drop in May this year that was hard to explain. The stock market was declining in April for Iran and Israel attack reasons and Powell was concerned about inflation.

Net, net, for all the talk of consumers worrying about their personal finances and the job market and inflation, consumer sentiment was ascending to six-month highs right before the election. The cutoff on the Michigan survey was on Monday this week. Long-run business conditions are nearly the best they have been in almost four years. Today's report on the consumer shows American's concerns about the economy broadly speaking was unlikely to be the sole reason for the surprising election result. Election results where the party in power loses is often said to be the result of, "It's the economy, stupid," but consumer confidence appears to be holding up fairly well. There's talk of major changes coming down there in Washington, but ahead of the election, consumer sentiment was fairly upbeat. For now. The winds of change are coming though. Bet on it.



**Analyst Certification**

The views expressed in this report accurately reflect the personal views of the research staff at FWDBONDS LLC, the primary analysts responsible for this report, about the subject securities or issuers referred to herein, and no part of such analysts' compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed herein.

The information herein is provided for information purposes only, and is not to be used or considered as an offer or the solicitation of an offer to sell or to buy or subscribe for securities or other financial instruments. Neither this nor any other communication prepared by FWDBONDS LLC should be construed as investment advice, a recommendation to enter into a particular transaction or pursue a particular strategy, or any statement as to the likelihood that a particular transaction or strategy will be effective in light of your business objectives or operations. Before entering into any particular transaction, you are advised to obtain such independent financial, legal, accounting and other advice as may be appropriate under the circumstances. In any event, any decision to enter into a transaction will be yours alone, not based on information prepared or provided by FWDBONDS LLC. FWDBONDS LLC hereby disclaims any responsibility to you concerning the characterization or identification of terms, conditions, and legal or accounting or other issues or risks that may arise in connection with any particular transaction or business strategy. While FWDBONDS LLC believes that any relevant factual statements herein and any assumptions on which information herein are based, are in each case accurate, FWDBONDS LLC makes no representation or warranty regarding such accuracy and shall not be responsible for any inaccuracy in such statements or assumptions. Note that FWDBONDS LLC may have issued, and may in the future issue, other reports that are inconsistent with or that reach conclusions different from the information set forth herein. Such other reports, if any, reflect the different assumptions, views and/or analytical methods of the analysts who prepared them, and FWDBONDS LLC is under no obligation to ensure that such other reports are brought to your attention.

Copyright 2024 FWDBONDS LLC All Rights Reserved

The articles and opinions in this publication are for general information only, are subject to change, and are not intended to provide specific investment, legal, tax or other advice or recommendations. The information contained herein reflects the thoughts and opinions of the noted authors only. We are not offering or soliciting any transaction based on this information. We suggest that you consult your attorney, accountant or tax or financial advisor with regard to your situation. Although information has been obtained from sources we believe to be reliable, neither the authors nor FWDBONDS LLC vouch for its accuracy, and such information may be incomplete or condensed. Neither the authors nor FWDBONDS LLC shall be liable for any typographical errors or incorrect data obtained from reliable sources or factual information.

Opinions, estimates, forecasts, and other views contained in this document are those of the FWDBONDS LLC research group, and does not necessarily represent the views of FWDBONDS LLC or its management. Although the Financial Markets This Week newsletter attempts to provide reliable, useful information, it does not guarantee that the information or other content in this document is accurate, current or suitable for any particular purpose. All content is subject to change without notice. All content is provided on an "as is" basis, with no warranties of any kind whatsoever. Information from this document may be used with proper attribution. Alteration of this document or its content is strictly prohibited. ©2024 by FWDBONDS LLC.

By the way, in the way of the usual disclaimers, this is a final legal reminder that there is no investment advice offered or given anywhere in this newsletter or on the fwdbonds.com website. These are just the things we would like to see before we save, invest, spend, and otherwise plan for the future, which of course is always uncertain.