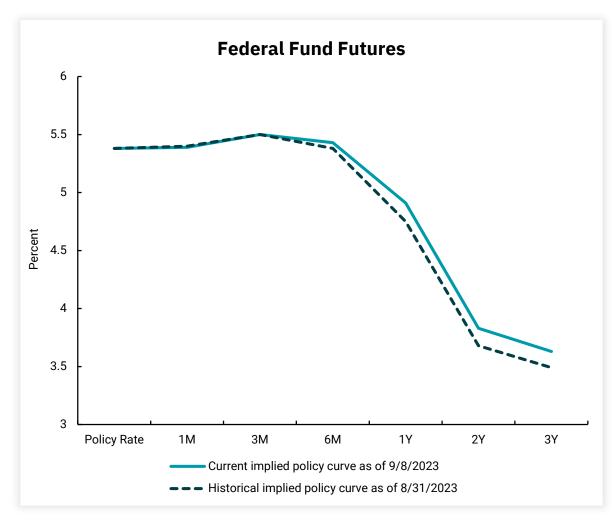
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Sep. 08, 2023)





Federal Fund futures are one way to get an idea of what the market expects from the Federal Reserve in future meetings. Only a few months ago, Fed Fund futures were showing a forecast of rate CUTS during the fourth quarter of 2023, based on the expectation an economic slowdown and a decline in inflation would lead to a reversal in monetary policy.

However, the U.S. economy's resilience is forcing a shift in expectations. As this week's chart shows, the outlook is now for potentially one more rate increase before year-end, a period of stability, and then gradual rate cuts one to two years out. As expectations have shifted, longer-term Treasury rates have moved higher, impacting consumer borrowing rates, like home mortgages.

The Fed is in an interesting quandary now. It is good news that inflation is falling, and the economy has, so far, avoided anything resembling a recession. Headline unemployment remains below 4%, consumer spending is expanding, and recent data on gross domestic product (GDP) indicates the overall economy could be accelerating. Yet this "good news" may also mean recent gains in inflation could slow. Higher economic activity keeps demand for labor high, and a rebound in energy prices could mean declines in headline inflation could begin to reverse.

Even though the Fed has raised rates by 500 basis points, or 5%, "real" interest rates remain relatively low by historical standards, meaning the Fed might not be as restrictive on policy as one might think. Put another way, the rapid and material increase in rates is muted a bit as we had "real" interest rates of -6% before the Fed began tightening policy rates.

Like many things, the pandemic's effects continue to alter a more "normal" economic path. Maybe we should not be surprised that unwinding the level of monetary and fiscal accommodation that we've seen is taking an unexpected path. After all, we responded to the pandemic with actions unlike any we have taken before. At present, the outlook is for the Fed to be about done raising rates, but we should acknowledge the risk that unexpectedly high rates remains a possibility.

INVESTMENT MANAGEMENT

Weekly market update



Commentary (Sep. 08, 2023)

Domestic Equities

- U.S. stocks declined this week, led by big tech and high-growth names.
- Fresh data out this week stirred worries that the Federal Reserve may need
 to keep lifting rates to cool the economy. Initial jobless claims have declined
 four weeks in a row. Fed Fund futures reflect a 40% chance of a rate hike in
 November, up from 29% a month ago.
- Apple shares fell about 5% this week on concerns over sales in China. A Wall Street Journal report noted that China's central government agencies have been ordered not to use iPhones at work. Additionally, a new phone from China-based Huawei is gaining popularity. Apple woes weighed on other Big Tech names as well.
- Disney's stock price has declined below its 2020 lows. Many issues are
 weighing on the company, including the Hollywood strike and concerns over
 sustained losses in its TV and streaming business.

Bonds

- U.S. Treasury yields were marginally higher for the week on mixed economic data and comments from a number of Federal Reserve speakers.
- Investment-grade corporate bonds were slightly negative for the week, with a surge in new issuance putting upward pressure on credit spreads.
- Foreign bonds trailed domestic bonds, with broad-based strength in the U.S. dollar driving weakness across both developed and emerging market debt.
- In international markets, Poland's central bank surprised markets by cutting
 its main policy rate by 0.75% to 6.00% on Wednesday due to weaker demand
 pressure across the economy. The Bank of Canada (BoC) also met
 Wednesday but decided to keep its key rate unchanged at 5%.

International Equities

- Global market sentiment slipped this week as investors assessed weaker economic data, higher government bond yields and a challenging interest rate environment as inflationary pressures linger.
- Stocks in foreign developed markets erased some of last week's gains as
 most major European markets fell. European equities have struggled due to
 the rise in oil prices and weak economic data from Germany, leading to
 concerns that the region could enter a period of weak economic growth
 coupled with persistently higher inflation.
- Emerging market stocks struggled to find traction this week as many
 markets in Latin America and Asia declined. Data showed China's exports
 and imports fell in August, as the pressures of sagging overseas demand
 and weaker consumer spending hurt businesses in the world's secondlargest economy.

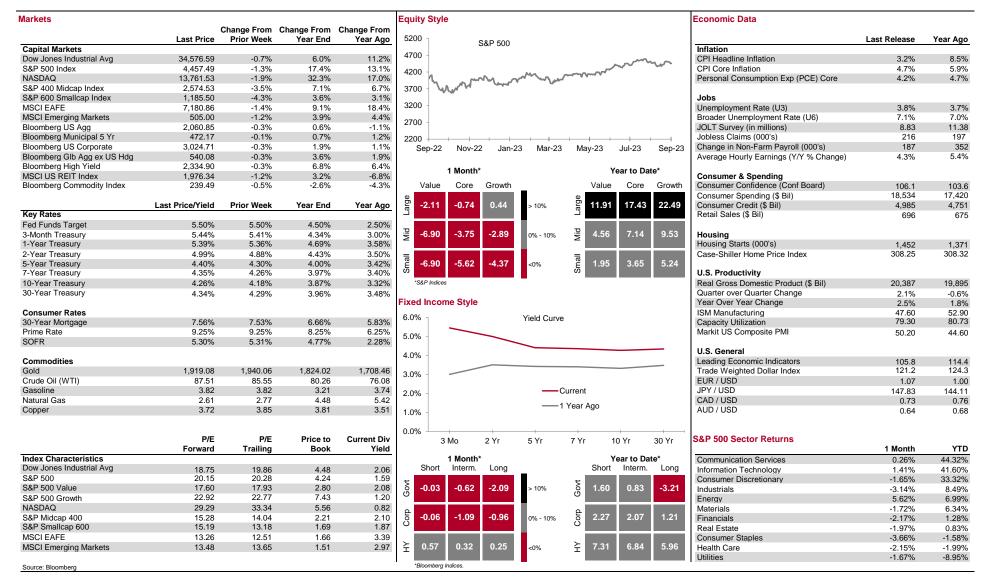
Economics

- The Census Bureau reported manufacturers' new orders declined 2.1% in July to \$579 billion, the first monthly decline in four months.
- The Census Bureau/Bureau of Economic Analysis reported that in July U.S. exports increased 1.6% to \$252 billion and imports increased 1.7% to \$317 billion. The trade deficit was \$65 billion, an increase of 2%.
- The Department of Labor reported initial claims for unemployment insurance were 216,000 for the week ending Sep. 2 and below the fourweek moving average of 229,250. Continuing claims for the week ending Aug. 26 were 1,679,000, a decline of 40,000 from the prior week and below the four-week moving average of 1,701,500.
- The Consumer Price Index will be released on Wednesday. Retail sales and the Producer Price Index will be released on Thursday. The University of Michigan consumer confidence report will be released on Friday.



Weekly Market Update

For Week Ending September 08, 2023



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