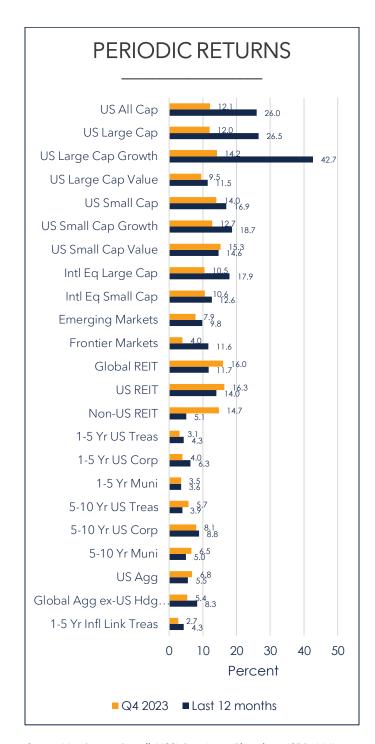


Quarterly Investment Commentary – Q4 2023



Source: Morningstar; Russell, MSCI, Dow Jones, Bloomberg, ICE BoA ML benchmarks shown; past performance is not indicative of future results

KEEPING A BALANCED APPROACH

Summary:

- All stock and bond indexes shown were positive for Q4 and for the year. A global portfolio of 60% stocks/40% bonds rose by 16.1% during 2023.
- Not surprisingly, many strategists were wrong in their predictions for how the S&P 500 would so, as well as in their predicting the US economy would have a recession in 2023.
- Fed continued to pause but not pivot, keeping rates at the 5.25-5.5% level they set in July.

Positive Signals:

- ✓ It was a strong year for investor returns, even with all the noise, highlighting how hard it is to time the markets.
- ✓ Inflation measures continue to recede from their recent peaks; hope for a soft landing abounds.
- ✓ There is more "income" from fixed income than there has been in years.

Reasons for concern:

- ? US large cap stocks' return is being driven by only a small number of stocks (the Magnificent 7).
- ? Many geopolitical risks lurk in the background including wars in the Ukraine and Middle East, possibilities of a US government shutdown, and 2024 is a presidential election year in the US.
- ? It's still possible that inflation can increase again, causing the Fed to raise rates again.

2023 by the numbers

- 0: The number of recessions in 2023, even though one was widely expected by most economists.
- 1: The number of rating agencies (out of three, Moody's) that still has US debt rated as AAA.
- 22.2%: The return for the MSCI ACWI, representing global stocks, clearly a strong year.
- 26.3%: The gain of the S&P 500. This return was driven by the Magnificent Seven, which jumped 76.3%, with the remaining stocks gaining 13.7%.
- 5.25%-5.5%: The Fed's policy rate reached in July as they worked to tame inflation, the highest level since 2001; the same level it was at yearend.
- 3.1%: The November 2023 headline CPI figure, having fallen from the 9% level it hit during the summer of 2022; still above the Fed's 2% target.
- 4.98%: The level the US 10 Year Treasury closed at on 10/19/2023. The last time it ended that high was 7/19/2007, when it closed at 5.04%. 10 Year Treasuries rallied at the end of the year, closing at 3.88%.

Forecasters don't have a working crystal ball

At the end of each year, it is common for economists and market strategists to make their predictions for the upcoming year. While we are confident that the people making these predictions are indeed intelligent people with good intentions, it doesn't change the fact that their predictions are often very wrong. Specifically, over the last five years the forecasts have ranged from being 26% too low to 21% too high. On average, the median annual estimate was off by about 18%, nearly double the index's long-term average annual return.

Exhibit 1

Firms	2023 S&P 500	% Difference
	Forecast	from Actual
Oppenheimer	4,400	-8%
Credit Suisse	4,.050	-18%
JP Morgan	4,200	-14%
Bank of America	4,000	-19%
Goldman Sachs	4,000	-19%
Morgan Stanley	3,900	-22%

Source:https://www.marketwatch.com/story/wall-streets-stock-market-forecasts-for-2022-were-off-by-the-widest-margin-since-2008-will-next-year-be-any-different-11671583416, Yahoo! Finance The S&P 500 ended the year at 4769.83.

Exhibit 1 looks at the same institutions we reviewed last year at this time, so this list had no cherry-picking. We

wanted to update their 2023 forecasts with what occurred. Each of the firms shown had lower forecasts vs. what actually occurred, ranging from 8% to 22% lower. In other words, while forecasting makes for interesting debate and conversation, we wouldn't suggest basing your investment strategy off it.

An update on US inflation and the Fed

Regarding inflation, for at least the last year we have spoken about the three P's of pace, pause, and pivot. Going back to the 2nd quarter of 2023, we saw the Fed implement their last rate increase, moving rates up by 0.25% in July. Since then, the Fed has hit the pause button as the Fed Funds rate remains at the 5.25-5.5% range it set over the summer.

The Fed says they will continue to be data dependent on making any future changes as inflation is still higher than desired, and with a labor market that remains tight. They have continued to promote the idea that even though inflation has moderated from last year's highs, there is still a long way to go to hit their 2% target, and that there are no guarantees what the future will bring. In other words, it could be a while before the Fed pivots, and starts lowering the Fed Funds rate.

U.S. Stocks

- All US stock indexes had strong gains for the quarter and the year.
- The majority of the S&P 500's 2023 return came from just a few stocks, known as the Magnificent Seven.

Exhibit 2

Company	2023 Return
Apple	48.9%
Microsoft	58.0%
Alphabet (Google)	58.3%
Amazon	80.9%
Nvidia	239.0%
Meta	194.1%
Tesla	101.7%
S&P 500	26.3%

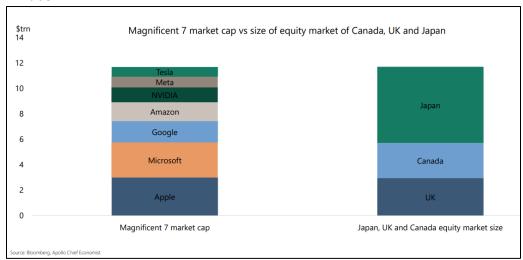
Source: Morningstar

The seven stocks shown in Exhibit 2, known as the Magnificent Seven, were the key drivers behind the overall success of the S&P 500 in 2023. These seven stocks had a combined 2023 return of 76.3%, compared to the 13.7% return for the remaining stocks of the S&P 500. This is important because when investors see the return of the S&P 500, they should know it is being driven by just a few names and not the broad market in general. Plus, when a

stock rally is broad, the overall health of the market is considered to be better.

Source: Facstet, MSCI, S&P, JP Morgan Asset Management, Data as of 12/31/2023

Exhibit 3



Just how big are the Magnificent Seven today? They are so large that their combined market cap is roughly the same size as the equity markets of Japan, Canada, and the UK combined (Exhibit 3). It is also important to think about the valuation of these seven US large cap stocks. Per JP Morgan, at year end these 7 stocks had a forward P/E ratio of 26.9x, vs. 19.5x for the S&P 500 overall and 17.1x for the remaining stocks in the S&P 500, suggesting these seven stocks are overvalued vs. their peers. It doesn't mean they still can't go up; it just means they appear to be overvalued.

Non-U.S. Equity

- Like US stocks, non-US stock returns were quite strong in Q4 and for the year.
- Unlike US stocks, the rally in international stock markets was broader.
- Non-US developed large cap stocks underperformed their US counterparts over the quarter, but non-US developed small cap stocks outperformed US small caps.

Unlike the S&P 500, whose return is dominated by just a few stocks, international indexes are currently more balanced and diversified. The top ten stocks in the MSCI World ex-US IMI returned 18.3% during 2023, while the remaining stocks generated a very similar return of 18.0%.

Exhibit 4

	20-yr avg. P/E	Current P/E
	ratio	ratio
S&P 500	15.6x	19.5x
ACWI ex-US	13.1x	12.9x

A common question we receive is "why should we own non-US stocks when US stocks have outperformed non-US stocks for most of the last decade or so?" One like reason why we international stocks is for diversification. While US stocks have outperformed more recently, that hasn't always been the case. In fact, you only need to go back to the 2000's to find the last period when

international stocks outperformed. Remember the "lost decade" when the S&P 500 earned almost no return? Plus, we also know the US Dollar is relatively strong vs. a basket of other major world currencies. If the USD were to weaken, it would be a tailwind for non-US stocks denominated in those currencies. Finally, as Exhibit 4 shows, not only are most non-US stocks currently undervalued vs. their last 20-year averages, they are also well undervalued relative to US stocks, which are currently overvalued vs. their own 20 year average.

Global REITs (Real Estate Investment Trusts)

- Global REITs, as represented by the Dow Jones Global Select REIT, jumped 9.8% over the quarter, driving the 11.7% return for 2023.
- In the US, the sectors that performed the best over the year were data centers (30.1%), and lodging/resorts (23.9%). Source: NAREIT

Global Fixed Income

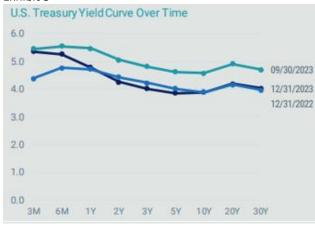
- There was a significant decline in US bond yields during the 4th quarter that drove returns. In particular, the intermediate and long parts of the curve saw their yields fall more dramatically vs. the shorter end of the curve. As a reminder, prices and yields move in opposite directions, so a drop in yields actually means positive returns.
- Global bonds ex-US (hedged USD) had a strong 2023 with gains of 8.3%.

Bond yields experienced quite a ride in the 4th quarter. For example, the 10-Year US Treasury started the quarter at

4.59%, closed as high as 4.98% in mid-October, and then steadily fell to end the year at 3.88%.

There are several possible reasons that rates began falling including the Fed keeping rates steady as inflation steadily fell, along with a belief the Fed would start cutting rates in 2024.

Exhibit 5



Source: Bloomberg, data as of 12/31/2023

There are several good stories that can be told from looking at Exhibit 5. For one, you can see the rate levels

we are at today vs. the very low levels of just a few short years ago (not shown, but trust us, they were much lower). This is important for investors as they can now receive actual income on their fixed income (bonds). Also, you can see how the curve for 12/31/2023 is below that of the one for 9/30/2023, highlighting how strong the bond rally was over the last quarter, generating strong returns across Treasuries and other US bond categories. Plus, while the curve from 12/31/2023 is very similar to the curve from the previous year, it doesn't show how much change actually occurred throughout the year. And finally, the curve is still inverted, meaning shorter term yields are higher vs. longer term yields. Nonetheless, we would caution about having too much in cash and short-term bonds, as reinvestment risk could be an issue.

Overall, we continue to view our bond allocations as a method of reducing overall portfolio risk (as measured by standard deviation), given that stocks are expected to have much higher volatility. Our portfolio's focus will continue to be on high quality bonds with an emphasis on short to intermediate duration government and corporate bonds, where default risk has historically been relatively low.

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