

Are Stocks Disconnected From the Economy?

Posted: 5/13/2020 by Jurrien Timmer

Stock prices often move before fundamentals—especially if the Fed's involved.



Key Takeaways

- Despite a record-breaking unemployment report and falling earnings estimates, the U.S. stock market is now just 14% under the all-time high.
- The S&P® 500 seems to be in line with current estimates for 2021 and 2022—but those estimates may be too optimistic. Further rallies may require a higher valuation multiple or improving estimates.
- For now, the worst-case scenario for the stock market seems to have been averted by monetary stimulus from the Federal Reserve, but there are concerns that massive "money printing" could spur inflation.
- Japan offers a case study for long-term quantitative easing programs and a negative interest rate policy. They have no inflation despite the huge growth in the monetary base.

Many may be wondering about the apparent disconnect between Wall Street and Main Street. Certainly the current cycle is unique.

The market appears to have bottomed on March 23 (35 market days ago), and is up 31% from the lows (retracing 62% of the decline). But the economic damage continues to mount: Last Friday's jobs report showed

a one-month increase in the unemployment rate from 4.4% to 14.7%. And Q2 2020 earnings are now expected to fall 42% from a year ago. Earnings are on track to fall 21% for the fiscal year.

Stock prices are up though earnings estimates are down

If there is one thing we know, it's that price leads the fundamentals. History teaches us that markets discount the fundamentals, and that "don't fight the tape" and "don't fight the Fed" are often two good rules to invest by. Both the Fed, and to a lesser extent the tape, have been on the side of the bulls.

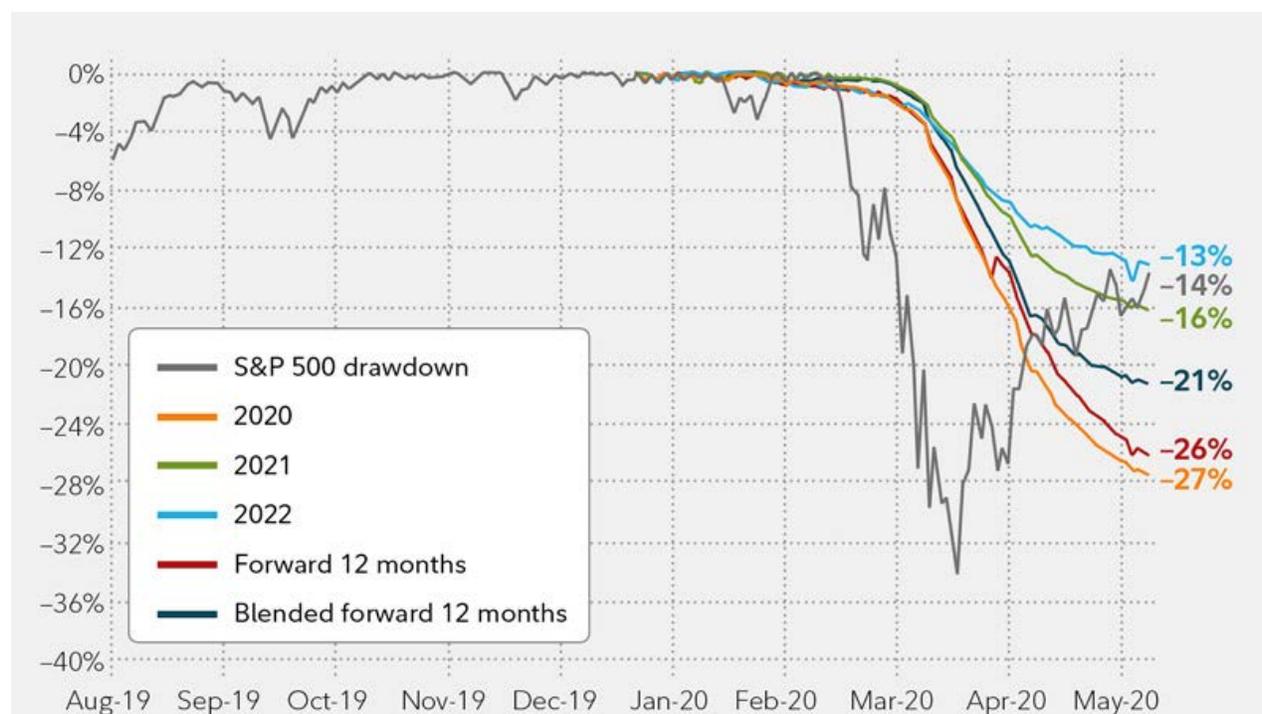
But given the uncertainty of the speed and shape of the economy's re-opening, and how much the market has already rallied, it's certainly logical to ask whether investors have priced in too much of a recovery.

Are stock prices reflecting too much optimism?

The chart below tries to answer that question. Here I show the drawdown and subsequent recovery in the S&P 500 (SPX) price index, overlaid against the drawdown in various earnings estimates. Those include fiscal years 2020, 2021, and 2022, as well as the next 12 months (all data from Bloomberg).

The chart clearly illustrates how price has moved well ahead of earnings, in both directions.

Price vs. earnings



Daily data. Source: FMRCo, Bloomberg

If we just eyeball where the market was trading at the low (2,192 on March 23) versus where it closed last week (2,930), we can conclude that at the low the market was pricing in a bigger earnings hit than has so far materialized (34% decline in price versus a 27% decline in 2020 earnings per share estimates). Now it is pricing in a recovery—but how much of a recovery?

The SPX has now retraced 62% of the decline and is just 14% below the all-time high of 3,394, while earnings estimates continue to fall. The drawdown in the 2021 earnings per share (EPS) estimate is -16%, and the 2022 estimate is -13%. That lines up quite well with the -14% drawdown for the SPX. I think we can safely assume that the 2021 and 2022 EPS estimates may be too optimistic. They usually are, after all. So, let's assume that they are 10% too high. That suggests that the market is 10% too high as well.

Bottom line: The market has rallied a lot, and if it rallies any more from here it will require either a higher valuation multiple or improving earnings estimates.

Fed stimulus helped stocks recover—will inflation result?

The Fed may have helped the stock market avoid the worst-case scenario, at least for now. But at what price? Will all this money printing stoke inflation and debase the dollar?

These concerns are very much reminiscent of the Global Financial Crisis. The gold bugs were out in full force back then, calling for much higher gold prices and pointing out that the gains in the SPX after the March 2009 low were a "money illusion" created by the Fed. All you had to do was divide the SPX by gold to get an index denominated in "real" money instead of fiat money.

The market recovered as soon as the Fed started printing money, but the magnitude of the recovery was "inflated" by lowering the value of the dollar. In gold terms, the stock market didn't do as well as it did in nominal terms.

It's an interesting argument that is hard to argue with intellectually. Yet in 2009, eventually the market did fully recover and then some. It ended up increasing five-fold, far more than the Fed's balance sheet would suggest. The bears would make the counterpoint that the Fed's quantitative easing (QE) and zero interest policy facilitated an era of financial engineering which led to some \$5 trillion in share buybacks. It's certainly a fair point.

Consider Japan: No inflation despite negative rates and monetary stimulus

The other analog is Japan. What can we learn about the Japanese experiment with negative rates and debt monetization?¹ It's an important question, because demographically the U.S. is about 15 years behind Japan.

The Japanese central bank, the Bank of Japan (BoJ), has been buying Japanese government bonds for years, i.e., quantitative easing. The country has also had a negative interest rate policy since 2016. Banks pay the Japanese central bank to hold excess reserves.

What strikes me is how a massive increase in BoJ money printing (to 104% of GDP) has not created any inflation. The monetary base has grown from 17% of GDP to 94% of GDP and the five-year inflation rate is zero. Zero! It tells me that the two-headed monster of debt and demographics is likely deflationary, no matter how much money printing is going on.

Like the BoJ, the Fed has undertaken a massive QE program. And negative U.S. yields may not be out of the question. This was highlighted last week when the June 2021 fed funds contract traded above par, which is a fancy way of saying that it's pricing in a slight negative policy rate. If that's not Japan-like, I don't know what is.

Bottom line: The U.S. is not Japan, culturally nor economically. But demographically the similarities are striking, with Japan 15 years ahead of the U.S. If the U.S. is going down a Japan-style modern monetary

theory² (MMT) path, the first reaction might be to expect runaway inflation as the Fed prints money to monetize the debt, and in the process debases the dollar. It's a logical view and it may well happen, but it's not borne out by the Japanese analog. Something to keep in mind.

ABOUT THE EXPERT



Jurrien Timmer

Jurrien Timmer is the director of global macro in Fidelity's Global Asset Allocation Division, specializing in global macro strategy and active asset allocation. He joined Fidelity in 1995 as a technical research analyst.

- 1. Government spending in excess of revenues (mostly taxes) creates a deficit typically financed by the Treasury via issuance of government debt instruments. Debt monetization is the financing of governmental operations by the central bank (and not by the Treasury) via its ability to create ("print") money by, for example, conducting open-market purchases of government bonds. When such bonds come due, the Federal Reserve can return any funds received back to the Treasury; thus in effect, the Treasury may "borrow" money without needing to repay it.
- 2. Modern Monetary Theory (MMT) is a controversial idea that countries with a sovereign currency (such as the U.S.) are not operationally constrained by debt accumulation because such monopoly issuers can always create ("print") any monies needed to pay interest on debt (action which critics believe results in inflation or even hyperinflation). A government thus is free under MMT to implement projects or policies aimed at achieving full employment of labor, physical capital, and natural resources. Once an economy reaches full employment, inflation indeed becomes the main theoretical risk; however, MMT proposes that inflation can be controlled via taxes and debt issuance that reduce the money supply. Thus, the theory goes, as long as an economy can supply sufficient labor and capital equipment to meet aggregate demand without encountering excessive inflation, a government can spend without constraint to achieve its social and political goals.
- Views expressed are as of the date indicated, based on the information available at that time, and may change based on market or other conditions. Unless otherwise noted, the opinions provided are those of the speaker or author and not necessarily those of Fidelity Investments or its affiliates. Fidelity does not assume any duty to update any of the information.
- Investment decisions should be based on an individual's own goals, time horizon, and tolerance for risk.
- *Investing involves risk, including risk of loss.*
- Past performance and dividend rates are historical and do not guarantee future results.
- Diversification and asset allocation do not ensure a profit or guarantee against loss.
- All indexes are unmanaged, and performance of the indexes includes reinvestment of dividends and interest income, unless otherwise noted. Indexes are not illustrative of any particular investment, and it is not possible to invest directly in an index.
- Stock markets are volatile and can fluctuate significantly in response to company, industry, political, regulatory, market, or economic developments. Investing in stock involves risks, including the loss of principal.
- In general, the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk, liquidity risk, call risk, and credit and default risks for both issuers and counterparties. Any fixed income security sold or redeemed prior to maturity may be subject to loss.
- **The S&P 500[®] Index** is a market capitalization-weighted index of 500 common stocks chosen for market size, liquidity, and industry group representation to represent US equity performance.