

On The Mark



The Hidden Risk in the Stock Market

January 14, 2022

2021 delivered another stellar year in US stock markets. The S&P 500 index, a commonly used benchmark to measure the US stock market, generated 26.9% excluding dividends¹. The index hit 70 new all-time highs, the second highest on record since 1995 when the market hit 77 all-time highs². This is also the third consecutive year with double digit gains. Surely all of this sounds ideal for investors. However, a look under the hood reveals some of the nuances of how the returns were generated and likely reveals a hidden risk for which investors should be aware.

Understanding the S&P 500 index

To understand the details, let's take a brief look at how this commonly used benchmark is constructed. The S&P 500 tracks the market capitalization of the roughly 500 companies included in the index. Market capitalization is calculated by multiplying the number of shares a company has by its current stock price. As an example, if a company has one million shares and its stock price is \$10, then the company's market cap is \$10 million. As of December 31, 2021, the S&P 500 total value or aggregate market cap of all companies in the S&P is approximately \$42.3 trillion³. However, not all 500 stocks represent 1/500th of the index. The index gives larger companies a higher weighting and thus the larger companies can skew the performance of the index.

As of December 31, 2021, the 10 largest companies in the S&P 500 represent roughly 31% of the entire index. This is the highest percentage ever recorded, moving past the highs of the tech bubble in 2000. In addition, the current figure is noteworthy because the top 10 market cap nearly doubled from 16% representation since 2015. This rapid increase has come as companies like Apple, Amazon, and Tesla have grown significantly. Apple recently crossed \$3 trillion in market cap⁴. Not only is it the largest company in the world, but when compared to the economies of countries, its market cap ranks as the fifth largest economy behind the US, China, Japan, and Germany.



Source: FactSet. Top 10 stocks include: AAPL, MSFT, AMZN, FB, GOOGL, GOOG, TSLA, BRK.B, JPM, NVDA, UNH.

As select companies have grown in size, their impact on the index returns has also been outsized. In 2021, the top 10 names drove nearly two-thirds of the approximately 27% returns⁵. In other words, the top 10 stocks contributed 19 percentage points, while the bottom 490 stocks contributed 8 percentage points. This outsized performance by a select few stocks has been a characteristic of the US equity market since the pandemic began. In 2020, we highlighted that just 6 technology stocks nicknamed FANAMA (Facebook, Apple, Netflix, Amazon, Microsoft, Alphabet) similarly drove roughly two-thirds of 2020 returns⁶.



Source: JPMorgan Asset Management. What will happen to the top 10 S&P 500 companies in 2022?

What does this mean for investors?

Without a look under the hood, it's not always easy to tell when your stock portfolio is exposed to concentration risk. A deeper look shows that the uneven nature of stock returns has created a wide gap in how expensive these top 10 stocks have become relative to the rest of the market, as measured by the price to earnings ratio. The price to earnings ratio or P/E ratio is a common measure to assess the fairness of stock price. In general, a lower P/E ratio would mean the price is undervalued relative to future earnings and higher P/E means that that prices are overvalued. While this is an overly simplistic way of evaluating things, it does provide a reasonable gauge to assessing stock market valuations. While rising stock prices have made US stocks expensive relative to its own historical measure, the P/E of the top 10 stocks have increased at a much faster rate than the remaining stocks in the S&P 500⁷. This dispersion in valuation may provide greater opportunity for active portfolio managers to be more selective in finding stocks that are reasonably valued with potential for better return prospects.

P/E ratio of the top 10 and remaining stocks in the S&P 500
Next 12 months



Source: JPMorgan Asset Management. Q1'22 Guide to the Markets.

In conclusion, while concentration within US equity markets remains a headwind for investors, the good news is that investors have options to address this hidden risk by choosing skilled active managers to find the less expensive parts of the equity market.

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103466 | C22-18375 | 01/2022 | EXP 01/31/2024

¹ FactSet

² Ned Davis Research Benchmark Review January 2022: Stocks climb ultimate wall of worry

³ S&P Dow Jones: <https://www.spglobal.com/spdji/en/indices/equity/sp-500/#overview>

⁴ <https://www.morningstar.com/articles/1071605/4-charts-on-apples-3-trillion-market-cap>

⁵ <https://am.jpmorgan.com/us/en/asset-management/adv/insights/market-insights/market-updates/on-the-minds-of-investors/what-will-happen-to-the-top-10-sp-500-companies-in-2022/>

⁶ FactSet. AssetMark quarter end insights Q4'20: What the heck happened in 2022?

⁷ JPMorgan Asset Management. Q1'22 Guide to the Markets.