



## ETFs: The Importance of “Looking Under the Hood”

The growth of the ETF industry has been a boon to investors, providing access to new asset classes and time-tested investment strategies at a competitive cost. However, the industry’s rapid growth has also brought its own set of challenges with one of the biggest being how to ‘make sense of it all’.

With thousands of ETFs in existence and new offerings becoming available every day (see chart below), it has become increasingly important to thoroughly research an ETF before buying it. Most ETFs are not as alike as their naming conventions or category classification might imply. Only by ‘looking under the hood’ can an investor truly assess the unique features and risks that ultimately impact the performance of an ETF in varying economic environments.

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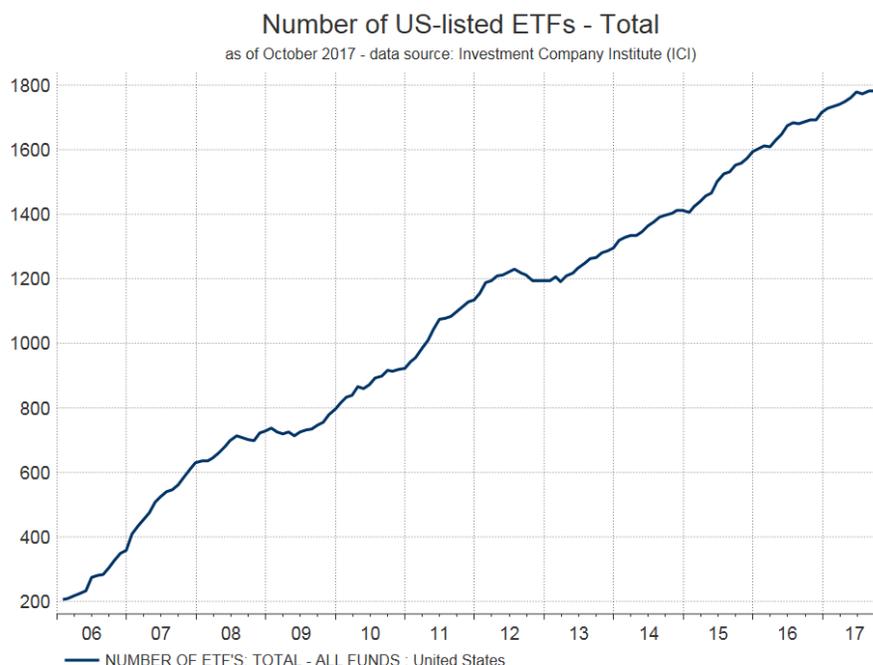
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### HOW TO “LOOK UNDER THE HOOD” FOR ETF CONSTRUCTION:



Source: Thomson Reuters Datastream, RiverFront

Many of the investment professionals at RiverFront have been building ETF portfolios for nearly 15 years and we are fortunate to have a number of proprietary and third-party tools that enable us to easily identify and quantify the risks in every ETF we invest in. However, since these tools can be expensive and difficult to develop, we often see investors relying on simple points of comparison like expense ratios or size/trading volume when choosing between several ETFs.

This lack of in-depth analysis means that investors can be unknowingly comparing ‘apples’ to ‘oranges’ and making a purchase decision based upon which is cheapest or which is most popular. In this edition of the *Weekly View* we share a framework to help compare ETFs and properly assess their key features and risks.

**We believe that the three most important characteristics to consider when comparing ETFs are: 1) Universe Definition, 2) Selection Criteria and 3) Weighting Methodology.**

**1. UNIVERSE DEFINITION:** Every ETF is built from a defined universe of stocks. A universe can be defined broadly, like all companies in the Wilshire 5000, or narrowly, like all biotechnology companies in the S&P 500. What a universe includes or excludes can have meaningful performance implications, and thus should be an important consideration when comparing ETFs. Below are a few examples of universe differences that are often overlooked by investors.

a. **Europe Example:** What one index provider defines as European companies may differ from the definition used by another



**a. Capitalization Weighting vs Non-Capitalization Weighting:**

- i. **Size Bias:** ETFs that utilize a market capitalization weighting scheme will tend to contain a size bias that favors large-caps, while a non-cap weighted methodology will tend to have greater exposure to mid and small-caps. This can be particularly important at various market stages. For example, it is not unusual for small and mid-caps to outperform in the early stage of a bull market due to their greater leverage to improving business conditions, while large-caps often outperform in a bear market when investors demand stronger balance sheets.
- ii. **Concentration Bias:** Market-cap weighting methodologies can also introduce concentration risk to a portfolio, where a handful of securities comprise a significant portion of the ETF. A popular South Korean index, for example, is cap-weighted and dominated by a single company that comprises more than 23% of the index. Concentration issues can undermine an objective to diversify risk, particularly in higher risk areas like biotechnology or emerging markets. Ultimately, an unintended concentration bias can turn the 'right' idea into the 'wrong' outcome if not monitored closely.

- b. Factor-Weighted:** Factor-weighting methodologies assign the greatest weights to the stocks that have the highest factor scores. For example, the largest constituents in a factor-weighted momentum ETF will be the stocks displaying the strongest momentum. A factor-weighted ETF can be expected to perform differently than one that simply identifies the 100 strongest momentum stocks and weights them equally. Factor-weighting methodologies have the potential to amplify returns positively or negatively.

**BOTTOM LINE:** One could argue that buying an ETF is similar to buying an automobile. A car buyer rarely makes their purchase decision based solely on price. Instead they consider the vehicle's design, drivetrain and safety features to determine if it meets their unique needs. In most cases, the decision to purchase an ETF should also not be made solely on the fund's expense ratio, since there are likely other distinguishing features that will be more impactful to the fund's performance. By understanding the construction and drivers of performance in an exchange-traded product, investors can minimize the potential for surprises down the road.

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*Exchange-traded funds (ETFs) are sold by prospectus. Please consider the investment objectives, risk, charges and expenses carefully before investing. The prospectus and summary prospectus, which contains this and other information, can be obtained by calling your financial advisor. Read it carefully before you invest. As a portfolio manager and a fiduciary for our clients, RiverFront will consider the investment objectives, risks, charges and expenses of a fund carefully before investing our clients' assets.*

*ETFs are subject to substantially the same risks as those associated with the direct ownership of the underlying securities owned by the ETF. Additionally, the value of the investment will fluctuate in response to the performance of the underlying index or securities. ETFs typically charge and/or incur fees in addition to those fees charged by RiverFront. Therefore, investments in ETFs will result in the layering of expenses.*

*Actively managed funds are subject to management risk. In managing a fund's investment portfolio, the sub-advisor will apply investment techniques and risk analysis that may not have the desired result.*

*Diversification does not ensure a profit or protect against a loss.*

*Technology and Internet-related stocks, especially of smaller, less-seasoned companies, tend to be more volatile than the overall market.*

*Small-, mid- and micro-cap companies may be hindered as a result of limited resources or less diverse products or services and have therefore historically been more volatile than the stocks of larger, more established companies.*

*Investments in international and emerging markets securities include exposure to risks such as currency fluctuations, foreign taxes and regulations, and the potential for illiquid markets and political instability.*

*Beta measures volatility relative to a benchmark. A result greater than 1.0 implies that a security is more volatile than the benchmark; a result less than 1.0 suggests that the security is less volatile than the benchmark. Betas may change over time.*

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*Index Definitions (You cannot invest directly in an index):*

*The Wilshire 5000 Total Market Index, or more simply the Wilshire 5000, is a market-capitalization-weighted index of the market value of all stocks actively traded in the United States.*

*The MSCI Emerging Markets Index captures large and mid cap representation across 24 Emerging Markets (EM) countries\*. With 838 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.*

*The FTSE Emerging Index is a free-float, market-capitalization weighted index representing the performance of around 850 large and mid cap companies in 22 emerging markets. The index is derived from the FTSE Global Equity Index Series.*

*The MSCI Europe Index represents the performance of large and mid-cap equities across 15 developed countries in Europe. The Index has a number of sub-Indexes which cover various sub-regions market segments/sizes, sectors and covers approximately 85% of the free float-adjusted market capitalization in each country.*

*The S&P 500® is widely regarded as the best single gauge of large-cap U.S. equities. There is over USD 7.8 trillion benchmarked to the index, with index assets comprising approximately USD 2.2 trillion of this total. The index includes 500 leading companies and captures approximately 80% coverage of available market capitalization.*

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