



## How to Avoid the Worst Sector ETFs

Question: Why are there so many ETFs?

Answer: ETF providers tend to make lots of money on each ETF so they create more products to sell.

The large number of ETFs has little to do with serving your best interests. Below are three red flags you can use to avoid the worst ETFs:

### 1. Inadequate Liquidity

This issue is the easiest to avoid, and our advice is simple. Avoid all ETFs with less than \$100 million in assets. Low levels of liquidity can lead to a discrepancy between the price of the ETF and the underlying value of the securities it holds. Plus, low asset levels tend to mean lower volume in the ETF and larger bid-ask spreads.

### 2. High Fees

ETFs should be cheap, but not all of them are. The first step here is to know what is cheap and expensive.

To ensure you are paying average or below average fees, invest only in ETFs with [total annual costs](#) below 0.48%, which is the average total annual costs of the 180 U.S. equity Sector ETFs we cover. The weighted average is lower at 0.27%, which highlights how investors tend to put their [money in ETFs with low fees](#).

Figure 1 shows PowerShares KBW High Dividend Yield Financial (KBWD) is the most expensive sector ETF and Schwab U.S. REIT ETF (SCHH) is the least expensive. PowerShares (KBWD, PXE) provides two of the most expensive ETFs while Fidelity (FDIS, FSTA, FENY, FNCL) ETFs are among the cheapest.

**Figure 1: 5 Least and Most Expensive Sector ETFs**

Ticker	Name	Sector	Total Annual Cost
<b>Most Expensive</b>			
KBWD	PowerShares KBW High Dividend Yield Financial	Financials	3.39%
HECO	EcoLogical Strategy ETF	Industrials	1.06%
UTES	ETF Series Reaves Utility ETF	Utilities	1.06%
PXE	PowerShares Dynamic Energy E&P Portfolio	Energy	0.89%
FFTY	Academy Funds Innovator IBD 50	Financials	0.89%
<b>Least Expensive</b>			
SCHH	Schwab U.S. REIT ETF	Financials	0.08%
FDIS	Fidelity MSCI Consumer Discretionary Index	Consumer Discretionary	0.09%
FSTA	Fidelity MSCI Consumer Staples Index	Consumer Staples	0.09%
FENY	Fidelity Energy Index	Energy	0.09%
FNCL	Fidelity MSCI Financials Index	Financials	0.09%

Sources: New Constructs, LLC and company filings

Investors need not pay high fees for quality holdings. Fidelity MSCI Consumer Staples Index (FSTA) is the best ranked sector ETF in Figure 1. FTSA's Neutral [Portfolio Management rating](#) and 0.09% total annual cost earn it a Very Attractive fund rating. VanEck Vectors Mortgage REIT Income ETF (MORT) is the best ranked sector ETF overall. MORT's Attractive Portfolio Management rating and 0.45% total annual cost also earn it a Very Attractive fund rating.

On the other hand, Schwab U.S. REIT ETF (SCHH) holds poor stocks and earns our Unattractive rating yet has low total annual costs of 0.08%. No matter how cheap an ETF, if it holds bad stocks, its performance will be bad. The quality of an ETF's holdings matters more than its price.

### 3. Poor Holdings

Avoiding poor holdings is by far the hardest part of avoiding bad ETFs, but it is also the most important because an ETF's performance is determined more by its holdings than its costs. Figure 2 shows the ETFs within each sector with the worst holdings or [portfolio management ratings](#).

**Figure 2: Sector ETFs with the Worst Holdings**

Ticker	Name	Sector	Portfolio Management Rating
IYC	iShares US Consumer Services ETF	Consumer Discretionary	Unattractive
PSCC	PowerShares Small Cap Consumer Staples	Consumer Staples	Unattractive
OIH	VanEck Oil Services ETF	Energy	Very Unattractive
KBWD	PowerShares KBW High Dividend Financial	Financials	Neutral
BBP	BioShares Biotechnology Products Fund	Health Care	Unattractive
ARKQ	ARK Industrial Innovation ETF	Industrials	Unattractive
ARKK	ARK Innovation ETF	Information Technology	Unattractive
PYZ	PowerShares DWA Basic Materials	Materials	Unattractive
PSR	PowerShares Active US Real Estate Fund	Real Estate	Unattractive
IYZ	iShares U.S. Telecommunications ETF	Telecom Services	Unattractive
PSCU	PowerShares Small Cap Utilities Portfolio	Utilities	Unattractive

Sources: New Constructs, LLC and company filings

PowerShares (PSCC, KBWD, PYZ, PSR, PSCU) appears more often than any other provider in Figure 2, which means that they offer the most ETFs with the worst holdings.

VanEck Oil Services ETF (OIH) is the worst rated ETF in Figure 2. ARK Innovation ETF (ARKK) and BioShares Biotechnology Products Fund (BBP) also earn a Very Unattractive [predictive overall rating](#), which means not only do they hold poor stocks, they charge high total annual costs.

Our [overall ratings on ETFs](#) are based primarily on our [stock ratings](#)<sup>1</sup> of their holdings.

#### The Danger Within

Buying an ETF without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on ETF holdings is necessary due diligence because an ETF's performance is only as good as its holdings' performance. Don't just take our word for it, [see what Barron's says](#) on this matter.

PERFORMANCE OF ETFs HOLDINGS = PERFORMANCE OF ETF

Analyzing each holding within funds is no small task. Our [Robo-Analyst technology](#) enables us to perform this diligence with scale and provide the [research needed](#) to [fulfill the fiduciary duty of care](#). More of the biggest names in the financial industry (see [At BlackRock, Machines Are Rising Over Managers to Pick Stocks](#)) are now embracing technology to leverage machines in the investment research process. Technology may be the only solution to the dual mandate for research: cut costs and fulfill the fiduciary duty of care. Investors, clients, advisors and analysts deserve the latest in technology to get the diligence required to make prudent investment decisions.

*This article originally published here on [October 25, 2017](#).*

<sup>1</sup> Ernst & Young's recent white paper "[Getting ROIC Right](#)" proves the superiority of our holdings research and analytics.



*Disclosure: David Trainer, Kenneth James, and Kyle Guske II receive no compensation to write about any specific stock, sector, or theme.*

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4. **Relevant** - Empirical evidence must provide [tangible, quantifiable correlation](#) to stock, ETF or mutual fund performance.

### ***Value Investing 2.0: Diligence Matters: Technology is Key to Value Investing With Scale***

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