



How to Avoid the Worst Sector Mutual Funds

Question: Why are there so many mutual funds?

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

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The large number of mutual funds has little to do with serving your best interests. The [best fundamental data](#) in the world, proven in [The Journal of Financial Economics](#), drives our research and analysis of mutual fund holdings. We leverage this data to provide tools that can [eliminate fund fees and create better asset allocations](#). Below, we identify three red flags you can use to avoid the worst mutual funds:

1. Inadequate Liquidity

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

2. High Fees

Mutual funds 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 at or below average fees, invest only in mutual funds with [total annual costs](#) below 1.94%, which is the average total annual costs of the 656 U.S. equity Sector mutual funds we cover. The weighted average is lower at 1.26%, which highlights how investors tend to put their [money in mutual funds with low fees](#).

Figure 1 shows Rydex Services Fund (RYESX) is the most expensive sector mutual fund and Vanguard Real Estate II Index Fund (VRTPX) is the least expensive. Rydex (RYESX, RYVCX, RYVAX) provides three of the most expensive mutual funds while Vanguard (VRTPX, VGSNX, VUIAX, VINAX, VITAX) mutual funds are the cheapest.

Figure 1: 5 Most and Least Expensive Sector Mutual Funds

Ticker	Name	Sector	Total Annual Cost
Most Expensive			
RYESX	Rydex Energy Services Fund	Energy	8.51%
RYVCX	Rydex Energy Services Fund	Energy	7.50%
SFPAX	Saratoga Financial Services Portfolio	Financials	6.98%
SBMBX	Saratoga Energy and Basic Materials Portfolio	Energy	6.97%
RYVAX	Rydex Energy Services Fund	Energy	6.59%
Least Expensive			
VRTPX	Vanguard Real Estate II Index Fund	Real Estate	0.09%
VGSNX	Vanguard Real Estate Index Fund	Real Estate	0.12%
VUIAX	Vanguard Utilities Index Fund	Utilities	0.12%
VINAX	Vanguard Industrials Index Fund	Industrials	0.12%
VITAX	Vanguard Information Technology Index Fund	Financials	0.12%

Sources: New Constructs, LLC and company filings



Investors need not pay high fees for quality holdings.¹ Vanguard Consumer Staples Index Fund (VCSAX) has low costs and quality holdings. VCSAX's Attractive [Portfolio Management rating](#) and 0.12% total annual costs earn it a Very Attractive rating.² Fidelity Advisor Consumer Staples Fund (FIJCX) is the best ranked sector mutual fund overall. FIJCX's Attractive Portfolio Management rating and 0.78% total annual costs also earn it a Very Attractive rating.

On the other hand, Vanguard Real Estate II Index Fund (VRTPX) holds poor stocks and receives our Very Unattractive rating, yet has low total annual costs of 0.09%. No matter how cheap a mutual fund, if it holds bad stocks, its performance will be bad. The quality of a mutual fund's holdings matters more than its price.

3. Poor Holdings

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

Figure 2: Sector Mutual Funds with the Worst Holdings

Ticker	Name	Sector	Portfolio Management Rating
FSCHX	Fidelity Select Chemicals Portfolio	Basic Materials	Unattractive
FDLSX	Fidelity Select Leisure Portfolio	Consumer Cyclical	Unattractive
FSVAX	Fidelity Select Automotive Portfolio	Consumer Non-cyclical	Unattractive
ICWIX	Integrity Mid-North American Resources Fund	Energy	Unattractive
FNTMX	Fidelity Disruptive Finance Fund	Financial	Unattractive
PHLQX	PGIM Jennison Health Sciences Fund	Healthcare	Unattractive
FCYIX	Fidelity Select Industrials Portfolio	Industrials	Unattractive
VRTPX	Vanguard Real Estate II Index Fund	Real Estate	Unattractive
ADNRX	American Beacon ARK Transformational Innovation	Technology	Unattractive
FIJGX	Fidelity Advisor Telecommunications Fund	Telecom Services	Unattractive
PRUQX	PGIM Jennison Utility Fund	Utilities	Unattractive

Sources: New Constructs, LLC and company filings

Fidelity appears more often than any other provider in Figure 2, which means that it offers the most mutual funds with the worst holdings.

PGIM Jennison Health Sciences Fund (PRUQX) is the worst rated mutual fund in Figure 2. American Beacon ARK Transformational Innovation Fund (ADNRX) and Vanguard Real Estate II Index Fund (VRTPX) 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 mutual funds](#) are on our [stock ratings](#) of their holdings and the total annual costs of investing in the fund.

The Danger Within

Buying a mutual fund without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on mutual fund holdings is necessary due diligence because a mutual fund'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.

¹ Compare our analytics on a mega cap company to Bloomberg and Capital IQ's (SPGI) analytics in the [detailed appendix of this paper](#).

² Harvard Business School features the powerful impact of our research automation technology in the case [New Constructs: Disrupting Fundamental Analysis with Robo-Analysts](#).



PERFORMANCE OF MUTUAL FUND'S HOLDINGS = PERFORMANCE OF MUTUAL FUND

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.

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It's Official: We Offer the Best Fundamental Data in the World

Many firms claim their research is superior, but none of them can prove it with independent studies from highly-respected institutions as we can. Below, we present three different papers from both the public and private sectors that prove the superiority of our proprietary fundamental data, earnings models, investment ratings, and research for stocks, bonds, ETFs, and mutual funds.

Best Fundamental Data in the World

Forthcoming in [The Journal of Financial Economics](#), a top peer-reviewed journal, [Core Earnings: New Data & Evidence](#) proves the superiority of our [fundamental data](#), [earnings](#) models, and [research](#). More [details](#).

Key quotes from the paper:

- “[New Constructs’] *Total Adjustments* differs significantly from the items identified and excluded from Compustat’s adjusted earnings measures. For example... 50% to 70% of the variation in *Total Adjustments* is not explained by *IBSPI Adjustments*, *OIADP Adjustments*, or *OPE Adjustments* individually.” – pp. 14, 1st para.
- “A final source of differences [between New Constructs’ and S&P Global’s data] is due to data collection oversights...we identified cases where Compustat did not collect information relating to firms’ income that is useful in assessing core earnings.” – pp. 16, 2nd para.

Superior Models

A top accounting firm features the superiority of our [NOPAT](#), [Invested Capital](#), and [ROIC](#) research on four mega-cap companies in “[Getting ROIC right: how an accurate view of ROIC can drive improved shareholder value](#)”.

Key quotes from the paper:

- “...an accurate calculation of ROIC requires more diligence than often occurs in some of the common, off-the-shelf ROIC calculations. Only by scouring the footnotes and the MD&A [the New Constructs method] can investors get an accurate calculation of ROIC.” – pp. 8, 5th para.
- “The majority of the difference...comes from New Constructs’ machine learning approach, which leverages technology to calculate ROIC by applying accounting adjustments that may be buried deeply in the footnotes across thousands of companies.” – pp. 4, 2nd para.

See the [Appendix](#) for direct comparison of our analysis of DOW’s 2015 results to Capital IQ and Bloomberg.

Superior Stock Ratings

Robo-Analysts’ stock ratings outperform those from human analysts as shown in this [paper](#) from Indiana’s Kelley School of Business. Bloomberg features the paper [here](#).

Key quotes from the paper:

- “the portfolios formed following the buy recommendations of Robo-Analysts earn abnormal returns that are statistically and economically significant.” – pp. 6, 3rd para.
- “Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts.” – pp. 20, 3rd para.

Our mission is to provide the best fundamental analysis of public and private businesses in the world and make it affordable for all investors, not just Wall Street insiders.

We believe every investor deserves to know the whole truth about the profitability and valuation of any company they consider for investment. More details on our cutting-edge technology and how we use it are [here](#).



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