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How To Avoid the Worst Style 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.

The large number of mutual funds has little to do with serving investors' best interests. Below are three red flags investors can use to avoid the worst mutual funds:

1. Inadequate Liquidity

This issue is the easiest issue 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 <u>total annual costs</u> below 1.83%, which is the average total annual cost of the 6110 U.S. equity Style mutual funds we cover. The weighted average is lower at 1.43%, which highlights how investors tend to put their <u>money in ETFs with low fees</u>.

Figure 1 shows Copley Fund, Inc. (COPLX) is the most expensive style mutual fund and Fidelity SAI U.S. Large Cap Index Fund (FLCPX) is the least expensive. Pacific Advisors (PAMVX, PAGTX) provides two of the most expensive mutual funds while Fidelity (FLCPX, FFSMX, FSKAX) mutual funds are among the cheapest.

Ticker	Name	Style	Total Annual Cost	
Most Expensive				
COPLX	Copley Fund, Inc.	All Cap Value	8.27%	
BUYAX	Catalyst Buyback Strategy Fund	All Cap Blend	8.10%	
MLPSX	ProFunds Mid Cap Value ProFund	Small Cap Value	7.86%	
PAMVX	Pacific Advisors Mid Cap Value Fund	Mid Cap Blend	7.84%	
PAGTX	Pacific Advisors Large Cap Value Fund	Large Cap Blend	7.60%	
Least Expensive				
FLCPX	Fidelity SAI U.S. Large Cap Index Fund	Large Cap Blend	0.02%	
VFFSX	Vanguard 500 Index Fund	Large Cap Blend	0.02%	
VSTSX	Vanguard Total Stock Market Index Fund	All Cap Blend	0.02%	
FFSMX	Fidelity Total Market Index Fund	All Cap Blend	0.02%	
FSKAX	Fidelity Total Market Index Fund	All Cap Blend	0.02%	

Figure 1: 5 Least and Most Expensive Style Mutual Funds

Sources: New Constructs, LLC and company filings

Investors need not pay high fees for quality holdings. Fidelity Series 100 Index Fund (FOHJX) earns our Very Attractive rating and has low total annual costs of only 0.06%.



On the other hand, Fidelity Small Cap Index Fund (FSSNX) holds poor stocks and earns our Unattractive rating, yet has low total annual costs of 0.10%. 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 style with the worst holdings or <u>portfolio management ratings</u>.

Ticker	Name	Style	Portfolio Management Rating
COREX	Avondale Core Investment Fund	All Cap Blend	Very Unattractive
TFCGX	PFS Funds Taylor Frigon Core Growth Fund	All Cap Growth	Unattractive
SSHVX	Sound Shore Fund	All Cap Value	Unattractive
CFIMX	Clipper Fund	Large Cap Blend	Unattractive
ΟΤΡΙΧ	ProFunds NASDAQ 100 ProFund	Large Cap Growth	Unattractive
NRIGX	Integrity Energized Dividend Fund	Large Cap Value	Unattractive
RBMVX	RBC Mid Cap Value Fund	Mid Cap Blend	Unattractive
HNMGX	Harbor Mid Cap Growth Fund	Mid Cap Growth	Unattractive
CMAFX	CM Advisors Fund	Mid Cap Value	Unattractive
UISCX	USAA Mutual Funds Small Cap Stock Fund	Small Cap Blend	Very Unattractive
PUMYX	Pace Small Medium Company Growth Equity	Small Cap Growth	Unattractive
ROFIX	Royce Opportunity Fund	Small Cap Value	Unattractive

Figure 2: Style Mutual Funds with the Worst Holdings

Sources: New Constructs, LLC and company filings

No one provider appears more often than any other in Figure 2.

RBC Mid Cap Value Fund (RBMVX) is the worst rated mutual fund in Figure 2. USAA Mutual Funds Small Cap Stock Fund (UISCX), Harbor Mid Cap Growth Fund (HNMGX), PFS Taylor Frigon Core Growth Fund (TFCGX), Avondale Core Investment Fund (COREX), Pace Small Medium Company Growth Equity (PUMYX), ProFunds NASDAQ 100 ProFund (OTPIX), Royce Opportunity Fund (ROFIX), and CM Advisors Fund (CMAFX) 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 based primarily on our stock ratings of their holdings.

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, <u>see what</u> <u>Barron's says</u> on this matter.

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

Analyzing each holding within funds is no small task. Our <u>Robo-Analyst technology</u> enables us to perform this diligence with scale and provide the <u>research needed</u> to <u>fulfill the fiduciary duty of care</u>. More of the biggest names in the financial industry (see <u>At BlackRock</u>, <u>Machines Are Rising Over Managers to Pick Stocks</u>) 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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- 1. **Comprehensive** All relevant publicly-available (e.g. 10-Ks and 10-Qs) information has been diligently reviewed, including footnotes and the management discussion & analysis (MD&A).
- 2. **Un-conflicted** Clients deserve unbiased research.
- 3. **Transparent** Advisors should be able to show how the analysis was performed and the data behind it.
- 4. **Relevant** Empirical evidence must provide <u>tangible</u>, <u>quantifiable correlation</u> to stock, ETF or mutual fund performance.

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

Accounting data is only the beginning of fundamental research. It must be translated into economic earnings to truly understand profitability and valuation. This translation requires deep analysis of footnotes and the MD&A, a process that our <u>robo-analyst technology</u> empowers us to perform for thousands of stocks, ETFs and mutual funds.



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