Class A (ETAGX)

Annual Shareholder Report - June 30, 2024



Fund Overview

This annual shareholder report contains important information about Eventide Gilead Fund for the period of July 1, 2023 to June 30, 2024. You can find additional information about the Fund at https://www.eventidefunds.com. You can also request this information by contacting us at 1-877-771-3836.

What were the Fund's costs for the last year?

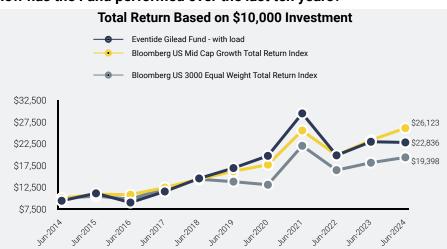
(based on a hypothetical \$10,000 investment)

Class Name	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Class A	\$141	1.41%

How did the Fund perform during the reporting period?

The year began with attractive valuations for smidcap equities. Our positioning in October 2023 led to outperformance relative to the smid-cap category. However, "higher for longer" interest rate fears gripped the market, and the Fund underperformed in the second half of the fiscal year. Cybersecurity and supply chain resiliency provided positive attribution; but renewable energy, digital payments, and consumer health (more sensitive to high rates) hurt the Fund. The Fund remains focused on long-term opportunities, including recently out-of-favor companies. We expect the Fund to do well in a strong economy with stable or declining interest rates. The strategy may underperform if rates rise or the economy recedes. We believe high-quality companies that create value and trade at a discount to intrinsic value offer superior long-term riskadjusted returns.

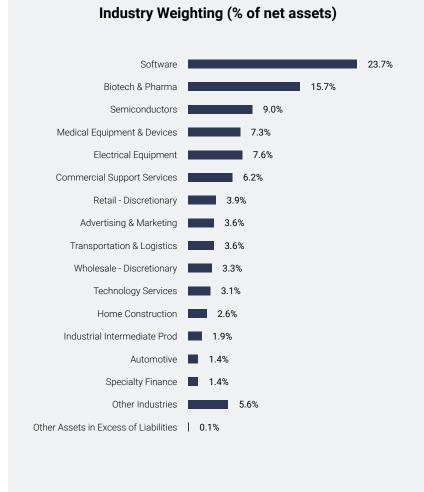
How has the Fund performed over the last ten years?



The Fund's past performance is not a good predictor of how the Fund will perform in the future. The graph and table do not reflect the deduction of taxes that a shareholder would pay on fund distributions or redemption of fund shares. In connection with new SEC Rules on shareholder reporting, the Fund's performance information above is compared with a broad-based benchmark, Bloomberg US 3000 Equal Weight Total Return Index, which represents the overall domestic equity market. In addition, the strategy benchmark, Bloomberg US Mid Cap Growth Total Return Index, is included as the adviser believes it is more representative of the fund's investment universe.

Fund Statistics		
Net Assets	\$3,349,337,130	
Number of Portfolio Holdings	76	
Advisory Fee	\$35,349,592	
Portfolio Turnover	36%	

Average Annual Total Returns			
	1 Year	5 Years	10 Years
Eventide Gilead Fund - Class A			
Without Load	-0.66%	6.15%	9.25%
With Load	-6.38%	4.90%	8.61%
Bloomberg US Mid Cap Growth Total Return Index	11.87%	10.01%	10.08%
Bloomberg US 3000 Equal Weight Total Return Index	6.75%	7.03%	6.85%



Asset Weighting (% of total investments)		
Corporate Bonds 1.3%Private Investments 1.3%		
Top 10 Holdings* (% of n	et assets)	
Holding Name	% of Net Assets	
Trane Technologies PLC	6.0%	
Waste Connections, Inc.	4.2%	
TransMedics Group, Inc.	4.0%	
Datadog, Inc Class A	3.7%	
Trade Desk, Inc. (The) - Class A 3.6%		
Old Dominion Freight Line, Inc. 3.3%		
Crowdstrike Holdings, Inc Class A 2.8%		
IDEXX Laboratories, Inc.	2.7%	
Roper Technologies, Inc.	2.7%	

Material Fund Changes

No material changes occurred during the year ended June 30, 2024.

2.6%

Mettler-Toledo International, Inc.



Eventide Gilead Fund - Class A (ETAGX)

Annual Shareholder Report - June 30, 2024

Where can I find additional information about the Fund?

- Prospectus
- · Financial information
- Holdings
- · Proxy voting information

^{*} Does not include cash/money market funds/equivalents. Based on percentage of net assets. Holdings can change at any time, are subject to risks discussed in the Fund's prospectus, and should not be considered investment advice.

Class C (ETCGX)

Annual Shareholder Report - June 30, 2024



Fund Overview

This annual shareholder report contains important information about Eventide Gilead Fund for the period of July 1, 2023 to June 30, 2024. You can find additional information about the Fund at https://www.eventidefunds.com. You can also request this information by contacting us at 1-877-771-3836.

What were the Fund's costs for the last year?

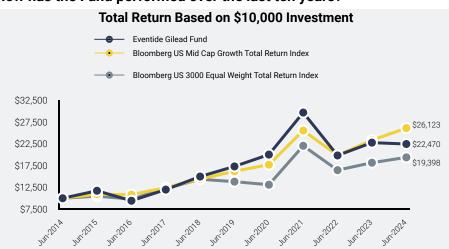
(based on a hypothetical \$10,000 investment)

Class Name	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Class C	\$216	2.16%

How did the Fund perform during the reporting period?

The year began with attractive valuations for smidcap equities. Our positioning in October 2023 led to outperformance relative to the smid-cap category. However, "higher for longer" interest rate fears gripped the market, and the Fund underperformed in the second half of the fiscal year. Cybersecurity and supply chain resiliency provided positive attribution; but renewable energy, digital payments, and consumer health (more sensitive to high rates) hurt the Fund. The Fund remains focused on long-term opportunities, including recently out-of-favor companies. We expect the Fund to do well in a strong economy with stable or declining interest rates. The strategy may underperform if rates rise or the economy recedes. We believe high-quality companies that create value and trade at a discount to intrinsic value offer superior long-term riskadjusted returns.

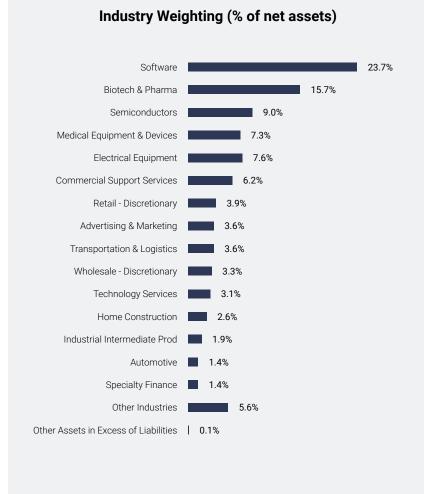
How has the Fund performed over the last ten years?



The Fund's past performance is not a good predictor of how the Fund will perform in the future. The graph and table do not reflect the deduction of taxes that a shareholder would pay on fund distributions or redemption of fund shares. In connection with new SEC Rules on shareholder reporting, the Fund's performance information above is compared with a broad-based benchmark, Bloomberg US 3000 Equal Weight Total Return Index, which represents the overall domestic equity market. In addition, the strategy benchmark, Bloomberg US Mid Cap Growth Total Return Index, is included as the adviser believes it is more representative of the fund's investment universe.

Fund Statistics		
Net Assets	\$3,349,337,130	
Number of Portfolio Holdings	76	
Advisory Fee	\$35,349,592	
Portfolio Turnover	36%	

Average Annual Total Returns			
	1 Year	5 Years	10 Years
Eventide Gilead Fund - Class C	-1.39%	5.35%	8.43%
Bloomberg US Mid Cap Growth Total Return Index	11.87%	10.01%	10.08%
Bloomberg US 3000 Equal Weight Total Return Index	6.75%	7.03%	6.85%



Asset Weighting (% of total investments) Common Stocks 97.1% Short-Term Investments 0.2% Corporate Bonds 1.3% Warrant 0.1% Private Investments 1.3% Top 10 Holdings* (% of net assets) Holding Name % of Net Assets Trane Technologies PLC 6.0% 4.2% Waste Connections, Inc. TransMedics Group, Inc. 4.0% Datadog, Inc. - Class A 3.7% Trade Desk, Inc. (The) - Class A 3.6% Old Dominion Freight Line, Inc. 3.3% Crowdstrike Holdings, Inc. - Class A 2.8% IDEXX Laboratories, Inc. 2.7% Roper Technologies, Inc. 2.7% Mettler-Toledo International, Inc. 2.6%

Material Fund Changes

No material changes occurred during the year ended June 30, 2024.



Eventide Gilead Fund - Class C (ETCGX)

Annual Shareholder Report - June 30, 2024

Where can I find additional information about the Fund?

- Prospectus
- · Financial information
- Holdings
- · Proxy voting information

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Class I (ETILX)

Annual Shareholder Report - June 30, 2024



Fund Overview

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What were the Fund's costs for the last year?

(based on a hypothetical \$10,000 investment)

Class Name	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Class I	\$116	1.16%

How did the Fund perform during the reporting period?

The year began with attractive valuations for smidcap equities. Our positioning in October 2023 led to outperformance relative to the smid-cap category. However, "higher for longer" interest rate fears gripped the market, and the Fund underperformed in the second half of the fiscal year. Cybersecurity and supply chain resiliency provided positive attribution; but renewable energy, digital payments, and consumer health (more sensitive to high rates) hurt the Fund. The Fund remains focused on long-term opportunities, including recently out-of-favor companies. We expect the Fund to do well in a strong economy with stable or declining interest rates. The strategy may underperform if rates rise or the economy recedes. We believe high-quality companies that create value and trade at a discount to intrinsic value offer superior long-term riskadjusted returns.

How has the Fund performed over the last ten years?



The Fund's past performance is not a good predictor of how the Fund will perform in the future. The graph and table do not reflect the deduction of taxes that a shareholder would pay on fund distributions or redemption of fund shares. In connection with new SEC Rules on shareholder reporting, the Fund's performance information above is compared with a broad-based benchmark, Bloomberg US 3000 Equal Weight Total Return Index, which represents the overall domestic equity market. In addition, the strategy benchmark, Bloomberg US Mid Cap Growth Total Return Index, is included as the adviser believes it is more representative of the fund's investment universe.

Average Annual Total Returns

5 Years

6.41%

10.01%

7.03%

10 Years

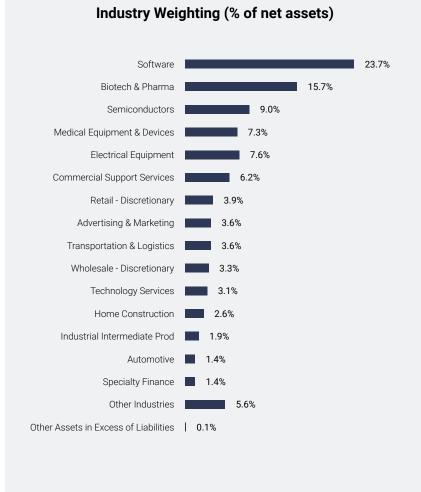
9.53%

10.08%

6.85%

			1 Year
Fund Statist	ice	Eventide Gilead Fund - Class I	-0.40%
i dila Statist	103	Bloomberg US Mid Cap Growth Total Return	
Net Assets	\$3,349,337,130	Index	11.87%
Number of Portfolio Holdings	76	Bloomberg US 3000 Equal Weight Total Return	6.75%
Advisory Fee	\$35,349,592	Index	
D (C): T	0.50		

Fund Statistics		
Net Assets	\$3,349,337,130	
Number of Portfolio Holdings	76	
Advisory Fee	\$35,349,592	
Portfolio Turnover	36%	



Asset Weighting (% of total investments) Common Stocks 97.1% Short-Term Investments 0.2% Corporate Bonds 1.3% Warrant 0.1% Private Investments 1.3% Top 10 Holdings* (% of net assets) Holding Name % of Net Assets Trane Technologies PLC 6.0% 4.2% Waste Connections, Inc. TransMedics Group, Inc. 4.0% Datadog, Inc. - Class A 3.7% Trade Desk, Inc. (The) - Class A 3.6% Old Dominion Freight Line, Inc. 3.3% Crowdstrike Holdings, Inc. - Class A 2.8% IDEXX Laboratories, Inc. 2.7% Roper Technologies, Inc. 2.7%

Material Fund Changes

No material changes occurred during the year ended June 30, 2024.

2.6%

Mettler-Toledo International, Inc.



Eventide Gilead Fund - Class I (ETILX)

Annual Shareholder Report - June 30, 2024

Where can I find additional information about the Fund?

- Prospectus
- · Financial information
- Holdings
- · Proxy voting information

^{*} Does not include cash/money market funds/equivalents. Based on percentage of net assets. Holdings can change at any time, are subject to risks discussed in the Fund's prospectus, and should not be considered investment advice.

Class N (ETGLX)

Annual Shareholder Report - June 30, 2024



Fund Overview

This annual shareholder report contains important information about Eventide Gilead Fund for the period of July 1, 2023 to June 30, 2024. You can find additional information about the Fund at https://www.eventidefunds.com. You can also request this information by contacting us at 1-877-771-3836.

What were the Fund's costs for the last year?

(based on a hypothetical \$10,000 investment)

Class Name	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Class N	\$136	1.36%

How did the Fund perform during the reporting period?

The year began with attractive valuations for smidcap equities. Our positioning in October 2023 led to outperformance relative to the smid-cap category. However, "higher for longer" interest rate fears gripped the market, and the Fund underperformed in the second half of the fiscal year. Cybersecurity and supply chain resiliency provided positive attribution; but renewable energy, digital payments, and consumer health (more sensitive to high rates) hurt the Fund. The Fund remains focused on long-term opportunities, including recently out-of-favor companies. We expect the Fund to do well in a strong economy with stable or declining interest rates. The strategy may underperform if rates rise or the economy recedes. We believe high-quality companies that create value and trade at a discount to intrinsic value offer superior long-term riskadjusted returns.

How has the Fund performed over the last ten years?

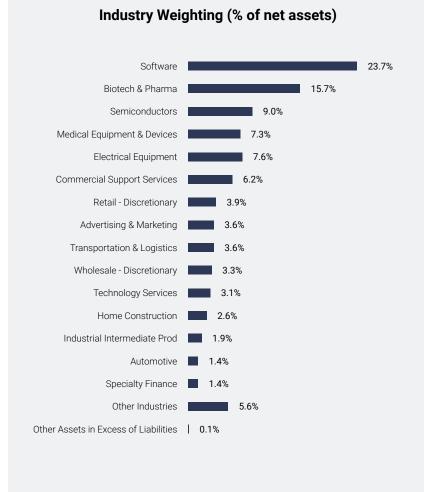


The Fund's past performance is not a good predictor of how the Fund will perform in the future. The graph and table do not reflect the deduction of taxes that a shareholder would pay on fund distributions or redemption of fund shares. In connection with new SEC Rules on shareholder reporting, the Fund's performance information above is compared with a broad-based benchmark, Bloomberg US 3000 Equal Weight Total Return Index, which represents the overall domestic equity market. In addition, the strategy benchmark, Bloomberg US Mid Cap Growth Total Return Index, is included as the adviser believes it is more representative of the fund's investment universe.

Fund Statisti	cs	Eventide Gilead Fund - Class N Bloomberg US Mid Cap Growth Total F
Net Assets	\$3,349,337,130	Index
Number of Portfolio Holdings	76	Bloomberg US 3000 Equal Weight Tot
Advisory Fee	\$35,349,592	Index
	0.50	

Fund Statistics			
Net Assets	\$3,349,337,130		
Number of Portfolio Holdings	76		
Advisory Fee	\$35,349,592		
Portfolio Turnover	36%		

Average Annual Total Returns			
	1 Year	5 Years	10 Years
Eventide Gilead Fund - Class N	-0.62%	6.20%	9.30%
Bloomberg US Mid Cap Growth Total Return Index	11.87%	10.01%	10.08%
Bloomberg US 3000 Equal Weight Total Return Index	6.75%	7.03%	6.85%



Asset Weighting (% of total investments) Common Stocks 97.1% Short-Term Investments 0.2% Corporate Bonds 1.3% Warrant 0.1% Private Investments 1.3% Top 10 Holdings* (% of net assets) Holding Name % of Net Assets Trane Technologies PLC 6.0% 4.2% Waste Connections, Inc. TransMedics Group, Inc. 4.0% Datadog, Inc. - Class A 3.7% Trade Desk, Inc. (The) - Class A 3.6% Old Dominion Freight Line, Inc. 3.3% Crowdstrike Holdings, Inc. - Class A 2.8% IDEXX Laboratories, Inc. 2.7% Roper Technologies, Inc. 2.7% Mettler-Toledo International, Inc. 2.6%

Material Fund Changes

No material changes occurred during the year ended June 30, 2024.



Eventide Gilead Fund - Class N (ETGLX)

Annual Shareholder Report - June 30, 2024

Where can I find additional information about the Fund?

- Prospectus
- · Financial information
- Holdings
- · Proxy voting information

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