



S-Network High-Yield Fixed Income Closed-End Fund Index

Q4 2018

S%NET
CLOSED-END FUND
INDEXES

- ❑ **A Portfolio of Closed-End Funds**

- ❑ Those with High-Yield Fixed Income as their Stated Objective

- ❑ **Targets Yield**

- ❑ **All US-Registered**

- ❑ **Modified Net Assets-Weighted**

- ❑ **Multiple Qualitative Screens**

- Discount
 - Expense Ratio

- ❑ **Screened for Liquidity**

- ❑ **Designed to Take Advantage of Inefficiencies in the Closed-End Fund Market**

Closed-End Fund Overview – Key Features

- ❑ **Diversification**
- ❑ **Professional Management**
- ❑ **Efficient Portfolio Management**
- ❑ **Periodic Distributions**
- ❑ **Pass Through Taxation**
- ❑ **Opportunity to Buy at a Discount**
- ❑ **Leverage Potential**
- ❑ **Lower Expense Ratios**

Index Rationale

- ❑ **Diversification by Asset Class**
- ❑ **Diversification by Investment Strategy**
- ❑ **Diversification by Manager**
- ❑ **High Current Yield**
- ❑ **High Current Discount to NAV**



Index Constituents and Performance

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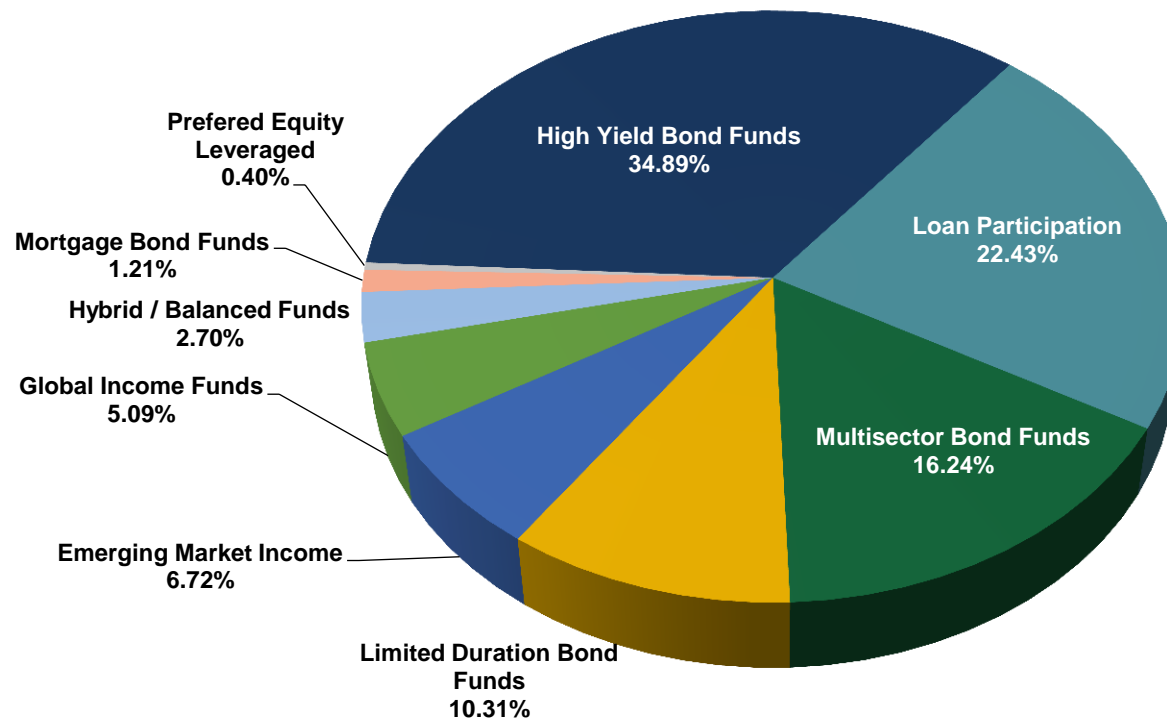
Historical Performance vs. Benchmarks

**S-Network High-Yield Fixed Income Closed-End Funds TR vs. Bloomberg Barclays US Agg Total
Return Value Unhedged USD TR
(12/31/2008-12/31/2018)**



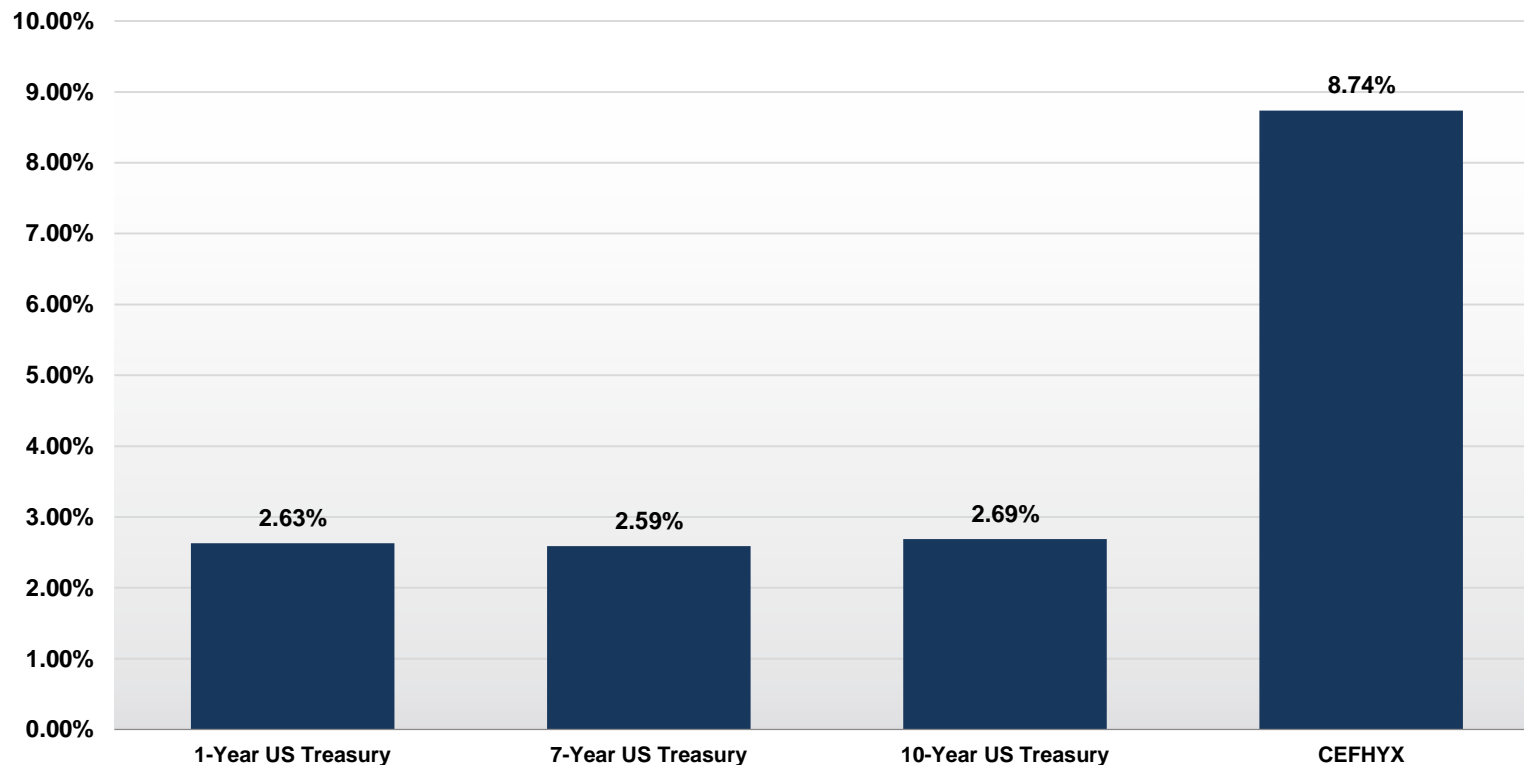
Source: Bloomberg as of 12/31/2018

S-Network High-Yield Fixed Income Closed-End Funds



Source: Bloomberg as of 12/31/2018

Current Yields



Source: Bloomberg as of 12/31/2018

With a Current Yield of 8.74%, CEFHYX Indicates a Higher Yield than Most Other Classes of Fixed Income Investments, Including Government and Corporate Bonds.



Index Construction

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Index Construction - Eligibility

- ❑ **Must Be Registered in the United States**
- ❑ **Must Have a Stated Objective of High Yield Fixed-Income**
- ❑ **Minimum Market Capitalization for Inclusion = \$100 Million**
- ❑ **Fund Must Be Listed on a Regulated North American Exchange (No OTCs)**
- ❑ **Funds Representing 95% of Index Weight Must Have 3-month ADTV >\$500,000 Per Day (SEC Requirement for ETFs)**
- ❑ **Must Have a Total Expense Ratio < 2%**
- ❑ **Funds Trading at Premiums > 20% Eliminated**
- ❑ **Current Constituents Must Maintain 3-Month ADTV > \$300,000**
- ❑ **New Constituents Must Have 3-Month ADTV > \$500,000**

Index Construction - Weighting

- ❑ **Weights Based on Net Assets**
- ❑ **Net Assets Adjusted for Premium/Discount**
 - ❑ **Increases in Fund Net Assets for Funds Trading at a Discount***
 - Discount > 6% = 30% Increase in Net Assets
 - Discount > 3% and < 6% = 20% Increase in Net Assets
 - Discount > 0% and < 3% = 10% Increase in Net Assets
 - ❑ **Decreases in Fund Net Assets for Funds Trading at a Premium***
 - Premium > 6% = 30% Decrease in Net Assets
 - Premium > 3% and < 6% = 20% Decrease in Net Assets
 - Premium > 0% and < 3% = 10% Decrease
- ❑ **Funds Capped at 8% Index Weight**
- ❑ **Combined Weight of Funds with Weights over 5% Capped at 45%**

Top Ten Holdings

Company Name	Ticker	Sector	Weight	AUM
Eaton Vance Limited Duration I	EVV US	Limited Duration Bond Funds	6.62%	1.38 Billion USD
Doubleline Income Solutions Fu	DSL US	Multisector Bond Funds	5.56%	1.76 Billion USD
Blackrock Corporate High Yield	HYT US	High Yield Bond Funds	5.02%	1.15 Billion USD
Alliancebernstein Global High	AWF US	Multisector Bond Funds	4.39%	908.00 Million USD
Western Asset Emerging Markets	EMD US	Emerging Market Income	3.65%	746.57 Million USD
Invesco Senior Income Trust	VVR US	Loan Participation	3.38%	703.94 Million USD
Voya Prime Rate Trust	PPR US	Loan Participation	3.14%	663.57 Million USD
Brookfield Real Assets Incom	RA US	Multisector Bond Funds	2.82%	695.82 Million USD
Western Asset High Income Oppo	HIO US	High Yield Bond Funds	2.73%	566.04 Million USD
NexPoint Strategic Opportunities Fund	NHF US	Hybrid / Balanced Funds	2.70%	643.61 Million USD

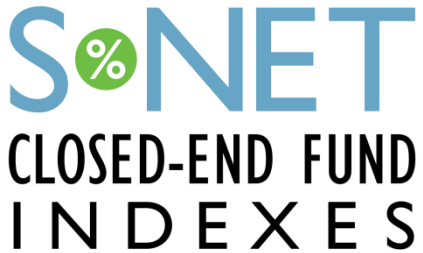
Source: Bloomberg as of 12/31/2018

S-Network High-Yield Fixed Income Closed-End Fund Index : Market Capitalization Profile	
Number of Constituents	59
Total Market Capitalization	24.08 Billion USD
Largest Market Capitalization	1.76 Billion USD
Smallest Market Capitalization	105.48 Million USD
Average Market Capitalization	408.21 Million USD
Median Market Capitalization	317.12 Million USD

Source: S-Network as of 12/31/2018



Statistical Profiles



Total Return Appreciation		
	CEFHYXTR	LBUSTRUU
10 Year	220.90%	40.75%
5 Year	17.88%	13.26%
3 Year	23.60%	6.29%
1 Year	-7.40%	0.01%

Compound Annual Growth Rate		
	CEFHYXTR	LBUSTRUU
10 Year	12.37%	3.48%
5 Year	3.34%	2.52%
3 Year	7.32%	2.06%
1 Year	-7.40%	0.01%

Source: S-Network as of 12/31/2018

Annualized Standard Deviation		
	CEFHYXTR	LBUSTRUU
10 Year	13.15%	2.84%
5 Year	7.68%	2.79%
3 Year	7.63%	2.88%
1 Year	5.60%	3.12%

Sharpe Ratio		
	CEFHYXTR	LBUSTRUU
10 Year	0.9256	1.0840
5 Year	0.3787	0.6658
3 Year	0.8218	0.3433
1 Year	-1.6961	-0.6171

Source: S-Network as of 12/31/2018

S-Network Indexes – Company History

■ S-Network Global Indexes

S-Network Global Indexes, Inc. is a publisher and developer of proprietary and custom indexes. Founded in 1997, S-Network publishes over 200 indexes, which serve as the underlying portfolios for financial products with over USD 7 billion in assets under management. S-Network indexes, which are supported by a state-of-the-art technology platform, are known for their transparency and efficiency.

S-Network is a leader in socially responsible investment, publishing best-practice benchmark indexes in collaboration with Thomson Reuters. S-Network published the first global alternative energy and water indexes, which today serve as the recognized benchmarks for those sectors worldwide. In addition to publishing socially responsible indexes, S-Network produces proprietary environmental, social and governance ratings on nearly 5,000 public companies worldwide.

S-Network publishes a comprehensive suite of benchmark indexes covering US, European, Pacific Basin and emerging markets companies and mirroring the performance characteristics of the most popular indexes. The benchmark series offers detailed historical data, including daily constituent level data, from December 31, 1999 to the present. S-Network benchmarks serve as starting universes for smart beta indexes, as institutional-quality performance benchmarks, and as bases for Separately Managed Accounts.

S-Network is a prominent provider of smart beta indexes that incorporate both standard market statistics, as well as unique and highly specialized proprietary data sets derived from non-traditional sources. Smart beta indexes developed by S-Network embrace powerful single-factor models as well as complex multi-factor models that incorporate over 200 discrete factors. All indexes developed by S-Network address and resolve issues such as liquidity, investability and index turnover characteristics.

For more information please visit <http://www.snetglobalindexes.com/>

■ Paul Mazzilli

Paul most recently served as an Executive Director at Morgan Stanley, which he joined in 1975. From 1997 to 2008, Paul was Director of Morgan Stanley's ETF Research team covering index-linked ETFs and actively managed closed-end Fund companies. Paul also spent five years in Equity Capital Markets Services. Paul's team was the first to provide research coverage on index-linked ETFs and won many awards, including the Most Useful ETF Research in the U.S. Every Year Since Inception in 2004 at the annual ETF Global Awards Conference and the Best Research Team for Exchange-Traded Funds in 2007 at the 7th Annual Capital Link Forum on Closed-End Funds and ETFs in April 2008.

■ CEFHYX Was Developed by S-Network, a Leading Provider of Thematic Indexes and Paul Mazzilli, One of America's Leading Closed-End Fund Analysts.