

S%NET
CLOSED-END FUND
INDEXES

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Licensed ETF

Market Vectors CEF Municipal
Income ETF
TICKER: XMPT

This is not an offer to purchase or sell shares of the above listed funds. All purchases or sales of shares must be pursuant to a current private offering memorandum for the relevant fund or funds.

Information about the index, including rule book, company description, and historic data, can be found at:
www.closedendfundindex.com

TICKERS:

S-Network Municipal Bond
Closed-End Fund IndexSM:
CEFMX

S-Network Municipal Bond
Closed-End Fund Total Return IndexSM:
CEFMXTR

September 2022

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Q3 2022 Review: CEFMX

Index Performance. The S-Network Municipal Bond Closed-End Fund Index (TICKER: CEFMXTX) decreased -9.11% from 2263.15 to 2056.96 in the quarter ended September 2022. This compares to a decrease in the S&P National AMT-Free Municipal Bond Index (TICKER: SPMUNUST) of -3.28%.

As of September 30, 2022, the dividend yield for the index was 6.09%, compared with 5.55% at the end of the previous quarter. The weighted discount for the index was -8.65% as of September 30, 2022, compared with -6.08% at the end of the previous quarter.

The S-Network Municipal Bond Closed-End Fund Index decreased -26.18% in the past 12 months. This compares to a -10.80% decline in the S&P National AMT-Free Municipal Bond Index.

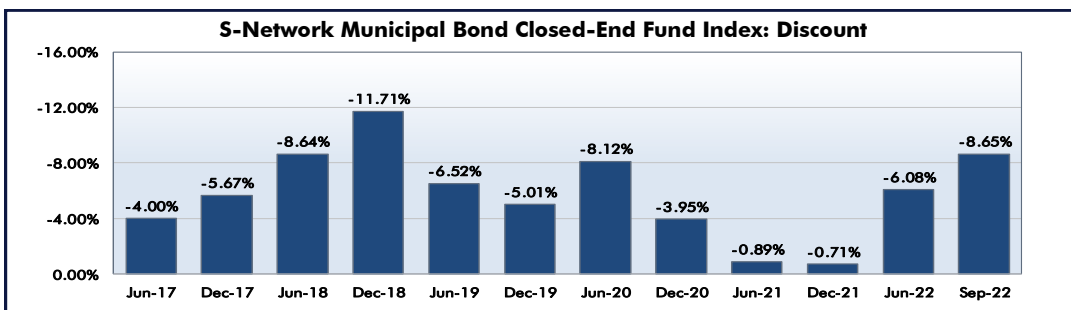
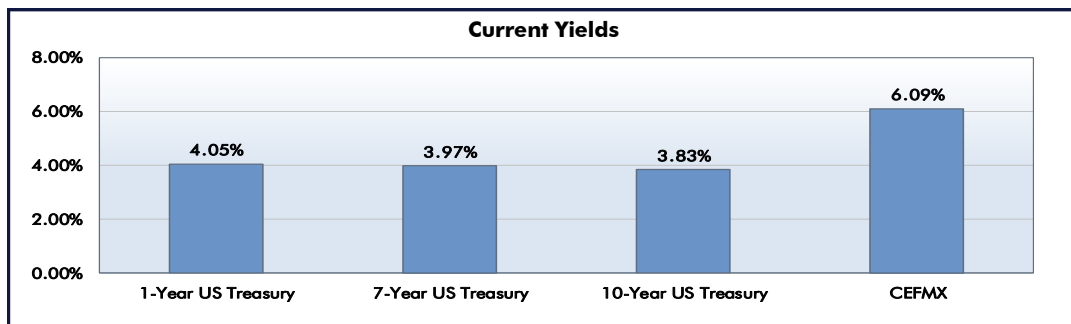
Index Description. The S-Network Municipal Bond Closed-End Fund Index (TICKER: CEFMX) is a mutual fund index designed to serve as a benchmark for closed-end funds listed in the US that are principally engaged in asset management processes designed to produce federally tax-exempt annual yield. The CEFMX employs a modified total net assets weighting methodology designed to assure accurate investment exposure across the various business segments that together comprise the federally tax-exempt annual yield sector of the closed-end fund market. The CEFMX is divided into four main closed-end fund sectors: a) Leveraged Municipal Fixed Income Closed-End Funds; b) Unleveraged Municipal Fixed Income Closed-End Funds; c) Leveraged High Yield Municipal Fixed Income Closed-End Funds; and d) Unleveraged High Yield Municipal Fixed Income Closed-End Funds.

Inclusion Criteria. The CEFMX contains closed-end funds selected from a universe of approximately 100 closed-end funds registered in the United States. All closed-end funds included in the CEFMX must have as their stated objective: federally tax-exempt yield through investment in municipal bonds. The closed-end fund's stock must trade on a regulated North American stock exchange that issues a last closing price. The minimum capitalization value for any closed-end fund must be greater than USD 100 million and it must have an average daily turnover of more than USD .5 million per day for the three months prior to the announcement date to be eligible for inclusion. To be eligible for addition to the Index, a closed-end fund must maintain a management fee of less than 1.5%. Buffers are applied to these eligibility requirements for existing constituents. Closed-end funds whose shares have traded at average premiums of 20% or more to their net asset values for ten business days prior to the Wednesday preceding the last Friday of the rebalancing month will be excluded from the index.

Weighting Methodology. The CEFMX employs a weighting methodology based on total net assets, adjusted for each closed-end fund's average discount for the previous 90 days. Funds trading at discounts greater than the average discount of the constituents are accorded a higher weighting in the index, and funds that trade at a premium to the average have their weightings reduced. Any stock with a weight greater than 8% of the index will be capped at 8% and the excess weight will be redistributed on a proportional basis to the remaining funds in the index. The total weight of all the funds contained in the index with weights greater than 5% will be capped at 45%. Excess weights of stocks with weights over 5% will be reduced on a proportional basis and added to the weights of the stocks with weights under 5% on a proportional basis.

Rebalancing. CEFMX is rebalanced quarterly, at the close of trading on the last business day of the rebalancing month. CEFMX is reconstituted semi-annually, at the close of trading on the last business day of each calendar half (March/September).

Index Data. CEFMX currently contains 56 constituents, and index values are distributed throughout the day at fifteen-second intervals in U.S. Dollars. CEFMX is calculated on both a price only and total return basis. Daily values are available from December 31, 2005.



Data Source: S-Network Data as of September 30, 2022

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Index Statistical Profile

Top Ten Holdings				
FUND NAME	TICKER	SECTOR	WEIGHT	AUM
NUVEEN QUALITY MUNICIPAL INCOME FUND	NAD US	Leveraged	8.03%	2.57 Billion USD
NUVEEN AMT-FREE QUALITY MUNICIPAL INCOME FUND	NEA US	Leveraged	8.01%	3.17 Billion USD
NUVEEN AMT-FREE MUNICIPAL CREDIT INCOME FUND	NVG US	Leveraged	6.54%	2.49 Billion USD
NUVEEN MUNICIPAL CREDIT INCOME FUND	NZF US	Leveraged	6.41%	1.88 Billion USD
BLACKROCK MUNICIPAL 2030 TARGET TERM TRUST	BTT US	Leveraged	4.82%	1.45 Billion USD
NUVEEN MUNICIPAL VALUE FUND INC	NUV US	Unleveraged	4.67%	1.75 Billion USD
BLACKROCK MUNICIPAL INCOME FUND	MUI US	Leveraged	3.04%	415.90 Million USD
BLACKROCK MUNIYIELD QUALITY FUND INC	MQY US	Leveraged	2.76%	809.12 Million USD
EATON VANCE MUNICIPAL BOND FUND	EIM US	Leveraged	2.63%	696.51 Million USD
NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND	NMZ US	Leveraged High Yield	2.48%	1.1 Billion USD

Capitalization Profile	
Number of Constituents	56
TOTAL MARKET CAPITALIZATION	32.33 BILLION USD
LARGEST MARKET CAPITALIZATION	3.17 BILLION USD
SMALLEST MARKET CAPITALIZATION	106.24 MILLION USD
AVERAGE MARKET CAPITALIZATION	577.25 MILLION USD
MEDIAN MARKET CAPITALIZATION	381.92 MILLION USD

Total Return Appreciation		
	CEFMXTR Index	SPMUNUST Index
Since Inception	105.70%	58.73%
10 Year	16.53%	17.68%
5 Year	-4.05%	2.98%
3 Year	-14.64%	-5.12%
1 Year	-26.18%	-10.80%

Sharpe Ratio		
	CEFMXTR Index	SPMUNUST Index
Since Inception	0.4413	0.7788
10 Year	0.2120	0.5509
5 Year	0.0283	0.3718
3 Year	-0.3234	-0.2020
1 Year	-1.4616	-1.4287

Annualized Standard Deviation		
	CEFMXTR Index	SPMUNUST Index
Since Inception	12.60%	4.84%
10 Year	10.56%	4.25%
5 Year	11.85%	4.70%
3 Year	14.03%	5.61%
1 Year	17.20%	6.83%

Compound Annual Growth Rate		
	CEFMXTR Index	SPMUNUST Index
Since Inception	4.90%	3.11%
10 Year	1.54%	1.64%
5 Year	-0.82%	0.59%
3 Year	-5.14%	-1.74%
1 Year	-26.18%	-10.80%

Monthly Correlation	
Vs SPMUNUST Index	
Since Inception	0.8356
10 Year	0.8833
5 Year	0.9198
3 Year	0.9508
1 Year	0.9722

Monthly Beta	
Vs SPMUNUST Index	
Since Inception	2.1733
10 Year	2.1968
5 Year	2.3182
3 Year	2.3779
1 Year	2.4477

Monthly R-Squared	
Vs SPMUNUST Index	
Since Inception	0.6983
10 Year	0.7803
5 Year	0.8461
3 Year	0.9041
1 Year	0.9452

Monthly Tracking	
Vs SPMUNUST Index	
Since Inception	2.59%
10 Year	2.05%
5 Year	2.24%
3 Year	2.56%
1 Year	3.08%

Index Composition

