



Closed-End Fund Advisors

Asset Class Annual Returns 2007 - 2017

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008 - 2017
World Stock 17.12%	Corporate Debt -3.52%	Senior Loan 76.30%	BDC 50.99%	MLP 13.87%	BDC 34.48%	US Stock 32.38%	REIT 27.15%	Preferred 5.47%	Senior Loan 24.73%	World Stock 24.06%	Convertible 10.51%
MLP 12.61%	Muni Bond -5.09%	MLP 75.63%	MLP 35.63%	Muni Bond 10.63%	World Stock 17.39%	MLP 27.59%	US Stock 13.68%	REIT 4.23%	BDC 24.42%	US Stock 21.83%	BDC 10.43%
US Stock 5.57%	HY Bond -26.39%	HY Bond 57.51%	REIT 23.89%	Corporate Debt 7.77%	US Stock 15.99%	Convertible 26.60%	Convertible 9.97%	Muni Bond 3.32%	MLP 18.31%	Covered Call 16.70%	US Stock 10.38%
Covered Call 5.07%	Convertible -29.44%	Convertible 45.63%	Convertible 15.68%	REIT 5.35%	HY Bond 15.58%	Covered Call 20.84%	Muni Bond 9.26%	US Stock 1.38%	HY Bond 17.49%	Convertible 16.03%	MLP 10.29%
Corporate Debt 4.78%	Preferred -32.02%	BDC 42.78%	HY Bond 15.19%	HY Bond 4.38%	Senior Loan 14.33%	BDC 16.33%	Covered Call 7.87%	Corporate Debt -0.06%	US Stock 11.96%	Preferred 9.11%	HY Bond 9.65%
Convertible 3.95%	Covered Call -33.38%	World Stock 42.14%	US Stock 15.06%	US Stock 2.11%	Convertible 13.63%	World Stock 15.78%	Corporate Debt 7.47%	Covered Call -0.57%	Convertible 11.94%	HY Bond 7.48%	Senior Loan 9.47%
Muni Bond 2.81%	US Stock -37.00%	Preferred 32.12%	Senior Loan 14.98%	Covered Call 2.02%	REIT 13.40%	Senior Loan 11.73%	Preferred 6.86%	Convertible -1.15%	Covered Call 7.31%	Corporate Debt 6.05%	Covered Call 7.36%
HY Bond 2.19%	MLP -37.11%	Covered Call 27.91%	Covered Call 13.69%	Senior Loan 1.48%	Covered Call 11.22%	HY Bond 7.42%	MLP 4.80%	Senior Loan -3.45%	REIT 7.24%	Muni Bond 4.95%	REIT 6.31%
Senior Loan -0.50%	REIT -42.54%	US Stock 26.45%	World Stock 11.60%	Convertible -3.76%	Preferred 10.81%	REIT -1.74%	Senior Loan 3.02%	HY Bond -4.64%	Corporate Debt 5.98%	REIT 4.18%	Corporate Debt 5.76%
BDC -14.17%	BDC -45.07%	REIT 21.90%	Corporate Debt 8.72%	BDC -7.18%	Corporate Debt 9.17%	Corporate Debt -1.02%	HY Bond 2.50%	BDC -4.69%	World Stock 5.01%	Senior Loan 2.94%	World Stock 4.87%
Preferred -17.69%	World Stock -45.24%	Corporate Debt 17.02%	Preferred 6.36%	Preferred -7.93%	Muni Bond 7.42%	Muni Bond -2.55%	World Stock -3.44%	World Stock -5.25%	Preferred 1.94%	BDC 0.03%	Muni Bond 4.58%
REIT -20.97%	Senior Loan -51.37%	Muni Bond 14.63%	Muni Bond 2.45%	World Stock -13.33%	MLP 4.80%	Preferred -6.75%	BDC -7.79%	MLP -34.07%	Muni Bond 0.77%	MLP -6.52%	Preferred 2.60%

US Stock – S&P 500 Index; REIT – Wilshire REIT Index; MLP – Alerian MLP Index; BDC – Wells Fargo BDC Index; High Yield Bond – Bank of America Merrill Lynch US HY Index; Preferred – S&P Preferred Stock Index; World Stock – MSCI All Country World Index - Ex US; Sr Loan - Morningstar US Senior Loan Funds Index; Muni Bond - S&P Municipal Bond Index; Covered Call - S&P 500 Stock Covered Call Index; Convertible - BofA Merrill Lynch All U.S. Convertibles Index; Corporate Debt - S&P 500 Bond Index. Returns data are total returns which include dividends and capital appreciation. "2007 - 2017" column shows yearly average for each sector. You cannot invest directly in an index. Past performance is not an indication of future results. Current year data for all indexes except "BDC Index" is sourced from index provider documents as of 12/31/2017. Wells Fargo BDC Index is sourced from Google Finance. Historical data is sourced from Bloomberg and Morningstar.



Closed-End Fund Advisors

Closed-End Fund Discount / Premium 2007 - 2017

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008 - 2017
BDC 10.73%	MLP -4.22%	MLP 10.99%	MLP 7.93%	HY Bond 4.81%	HY Bond 8.27%	BDC 8.03%	BDC 1.69%	MLP -6.10%	Preferred -0.77%	Preferred 0.03%	MLP 0.60%
US Stock -1.29%	REIT -4.29%	Investment Grade 0.49%	HY Bond 2.99%	MLP 3.36%	MLP 4.82%	MLP 1.95%	Convertible -3.17%	Muni Bond -6.44%	Muni Bond -1.88%	Investment Grade -2.09%	HY Bond -1.99%
MLP -1.82%	Investment Grade -5.75%	HY Bond -2.97%	Muni Bond 0.57%	Investment Grade 0.14%	Investment Grade 4.32%	Senior Loan -0.12%	HY Bond -3.48%	Investment Grade -6.81%	Investment Grade -3.74%	MLP -3.11%	Investment Grade -2.11%
Convertible -2.02%	Muni Bond -6.20%	Muni Bond -3.31%	Investment Grade 0.23%	Muni Bond -0.53%	Preferred 2.87%	HY Bond -0.63%	MLP -4.54%	Preferred -6.89%	HY Bond -4.84%	Muni Bond -3.32%	Muni Bond -2.92%
Senior Loan -2.75%	Preferred -8.28%	Preferred -4.24%	Senior Loan -0.02%	Senior Loan -1.27%	Muni Bond 1.99%	Investment Grade -2.92%	Investment Grade -4.93%	Convertible -7.98%	MLP -5.05%	Convertible -4.00%	Preferred -3.20%
Muni Bond -3.11%	Convertible -8.66%	World Stock -5.31%	Covered Call -1.97%	Preferred -1.61%	BDC 0.81%	Muni Bond -3.65%	Muni Bond -6.40%	BDC -8.61%	Covered Call -7.39%	Covered Call -4.25%	Senior Loan -5.01%
HY Bond -3.25%	World Stock -8.85%	Convertible -6.25%	Convertible -2.09%	Convertible -2.40%	Senior Loan -0.37%	Preferred -3.83%	Senior Loan -6.49%	Covered Call -8.11%	Senior Loan -8.75%	Senior Loan -4.32%	Convertible -5.41%
World Stock -3.37%	US Stock -8.86%	Covered Call -7.30%	Preferred -2.55%	BDC -2.92%	Convertible -3.25%	REIT -5.65%	Covered Call -6.62%	HY Bond -8.41%	Convertible -10.08%	BDC -4.48%	BDC -6.98%
Preferred -4.14%	HY Bond -10.47%	Senior Loan -8.43%	BDC -3.37%	REIT -4.48%	REIT -5.20%	Convertible -6.22%	Preferred -6.73%	Senior Loan -8.70%	BDC -10.98%	HY Bond -5.19%	Covered Call -7.15%
REIT -4.22%	Covered Call -11.45%	REIT -9.66%	World Stock -4.03%	World Stock -5.69%	World Stock -7.47%	Covered Call -8.13%	World Stock -9.04%	World Stock -11.00%	US Stock -11.47%	REIT -9.18%	World Stock -8.15%
Covered Call -4.44%	Senior Loan -11.64%	US Stock -10.56%	US Stock -7.34%	Covered Call -7.41%	Covered Call -8.83%	World Stock -8.15%	US Stock -9.63%	US Stock -11.00%	REIT -11.62%	US Stock -9.44%	REIT -8.20%
Investment Grade -5.37%	BDC -18.23%	BDC -31.78%	REIT -9.10%	US Stock -8.27%	US Stock -9.66%	US Stock -9.32%	REIT -10.63%	REIT -12.21%	World Stock -12.44%	World Stock -9.50%	US Stock -9.56%

Historical Premium / Discount expressed as average value over each year. 2017 YTD Premium / Discount average value as of December 31, 2017. "2008 - 2017" column shows yearly average for each sector. Data sourced from Closed-End Fund Advisors 'CEFU Report' and Telemet. Past performance is not an indication of future results

Contact@CEFadvisors.com -- Toll Free: (800) 356-3508 -- www.CEFadvisors.com