

# TAX LOSS SELLING STRATEGIES FOR CLOSED-END FUND INVESTORS



October 2016

## What is Tax Loss Selling?

Investors generally evaluate their portfolios and plan for the upcoming tax season during the fourth quarter. BlackRock believes that an important consideration for investors during the tax season should be identifying underperforming investments for potential liquidation to help reduce current year tax liabilities. The term “tax loss selling” refers to the process of selling investments to realize capital losses that can be used to offset, or reduce, realized capital gains stemming from the sale of a security that has appreciated. This strategy may allow investors to lower their tax liability for the current year, or a future year, and potentially increase the tax efficiency of an investor’s portfolio. Importantly, BlackRock believes that this seasonal phenomenon may present an opportunity for certain investors seeking to buy securities at reduced prices. In practice, investors may seek to realize capital losses while maintaining exposure to the market. This strategy, termed a “tax swap”, involves the sale of a security with an unrealized

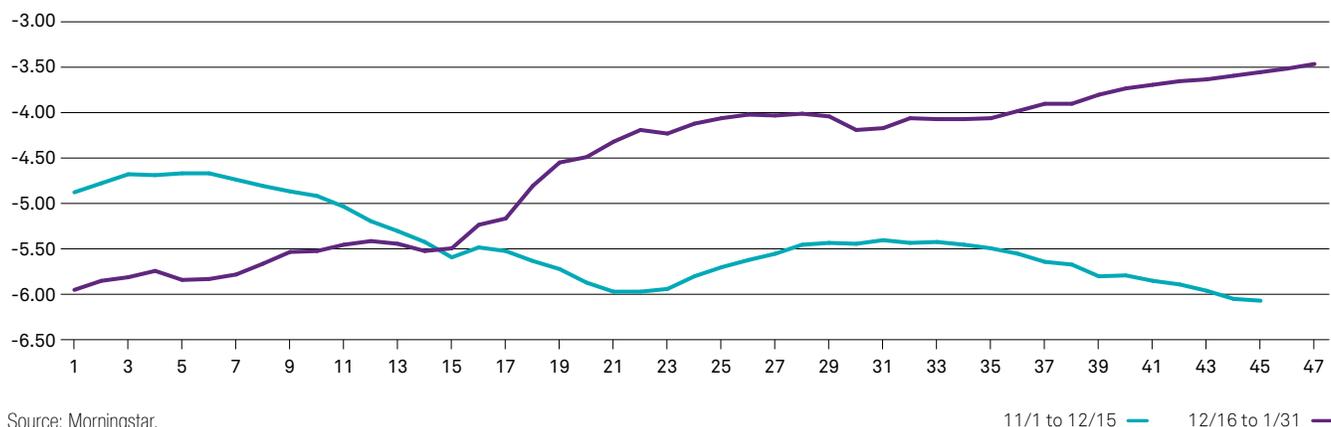
loss and a subsequent purchase of separate security with a similar investment objective. Notably, in addition to the calendar year-end tax period, tax loss selling tends to be pronounced during periods of market volatility and may have a negative impact on market prices due to the resulting increase in sales volume.

## Tax Loss Selling in Closed-End Funds

Historically, fourth quarter tax loss selling of closed-end fund (“CEF”) shares has been prevalent in the market. CEFs exhibit several characteristics that may cause them to be more susceptible to tax loss selling. CEFs trade on a national stock exchange and market prices often deviate from underlying net asset values (“NAVs”). When a CEF’s NAV and market price diverges, the result is a premium (market price above NAV) or discount (market price below NAV) to NAV. Moreover, the ‘closed’ structure does not permit creations or redemptions that may help mitigate any gap between the market price and NAV. Based on the timing of an investor’s purchase of a CEF, these dynamics may affect performance

### EXHIBIT 1

Average Closed-End Fund Premium/Discount: November – January (1997-2015)



Source: Morningstar.

11/1 to 12/15 — 12/16 to 1/31 —

relative to the CEF’s NAV. Finally, the CEF universe spans most major asset classes and each asset class generally includes peer funds with similar investment objectives, thus providing potential tax swap candidates.

When a CEF’s discount widens, the market price underperforms the NAV and may lead to capital losses for an investor. In this circumstance, the investor may choose to realize a capital loss by selling the CEF, which results in additional supply and may further widen the CEF’s discount (i.e. discount widening occurs when supply is greater than demand). Discount widening may be amplified in asset classes that experience elevated levels of underperformance in a given year. As illustrated in Exhibit 1, the effects of tax loss selling have historically been most prevalent during the 45-day period between November and mid-December. Based on historical trends, discount widening may present an opportunity to purchase funds below their fair market value due to the consistent trend of tax loss selling during the defined period, particularly given the historic propensity for CEF discounts to narrow (i.e. market prices outperform NAVs) toward the end of the year and into January of the following year.

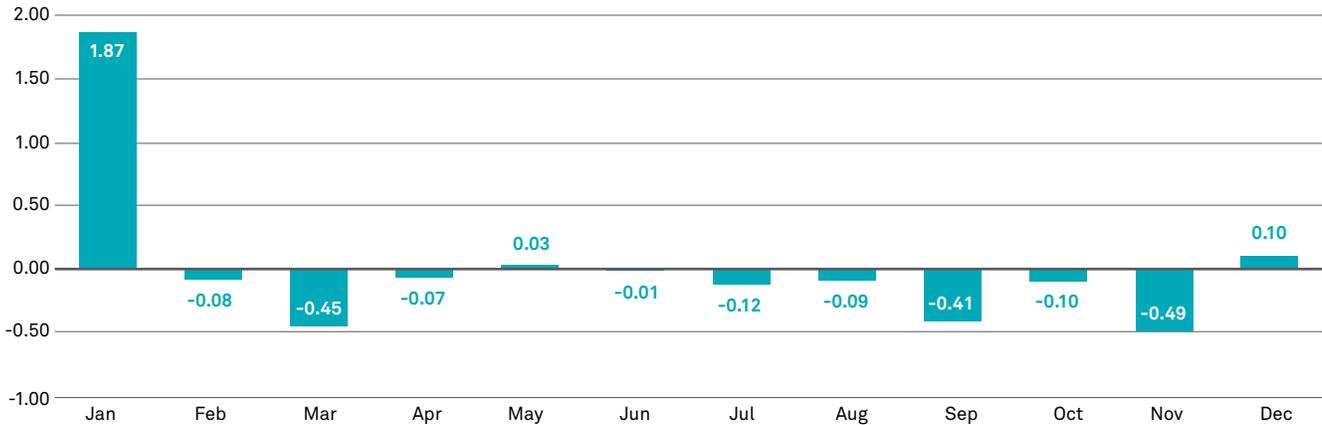
Importantly, past results are not indicative of future performance and investors should consider a CEF’s underlying portfolio as NAV performance may negate or exceed any potential discount narrowing.

**The “January Effect”**

Historically, investors that have purchased CEFs in the latter part of the fourth quarter have generally realized the benefits of tax-loss selling through the short-term effect of discount narrowing most prevalent in the month of January. Notably, CEF discounts have narrowed in January in 17 of the last 20 years. This consistency may be attributed to the ‘January Effect’, which is a commonly accepted theory that attempts to explain the outsized historical outperformance of equity securities in January relative to all other calendar months. According to this theory, pent up demand following tax loss selling may be the factor driving the outperformance as investors re-enter the market after selling positions in prior months to harvest taxes and rebalance their portfolios. Based on historical trends, BlackRock believes that tax loss selling may present an opportunity to reap the rewards of a temporary mispricing in the CEF market.

**EXHIBIT 2**

Average Change in Premium/Discount: 1995-2016



Source: Lipper.

## A Look Ahead in 2016

2016 has been a strong year for CEFs, with double-digit NAV returns in many CEF categories (Exhibit 3). Additionally, discounts have narrowed significantly over the course of the year (Exhibit 4), driving market price outperformance versus NAVs. Positive market price returns may lead to fewer opportunities for investors to employ tax loss selling strategies in 2016. However, given the income focus of many CEFs, and the large distributions they pay out, the current market value may be lower than an investor's cost basis, resulting in a capital loss. Moreover, CEFs held for more than one year may be in a capital loss position.

Although tax loss selling may be limited compared to 2015, the fourth quarter has historically exhibited discount widening prior to year-end as investors seek to harvest capital losses to help reduce current year tax liabilities. That being said, BlackRock believes the demand for yield remains strong and could lead to tighter discounts given the earnings pickup from leverage and our expectations for a continuation of low rates despite the potential for a rate increase prior to year-end. Additionally, discounts remain wide relative to history (Exhibit 4) and opportunities exist across asset classes for long-term investors.

### EXHIBIT 3

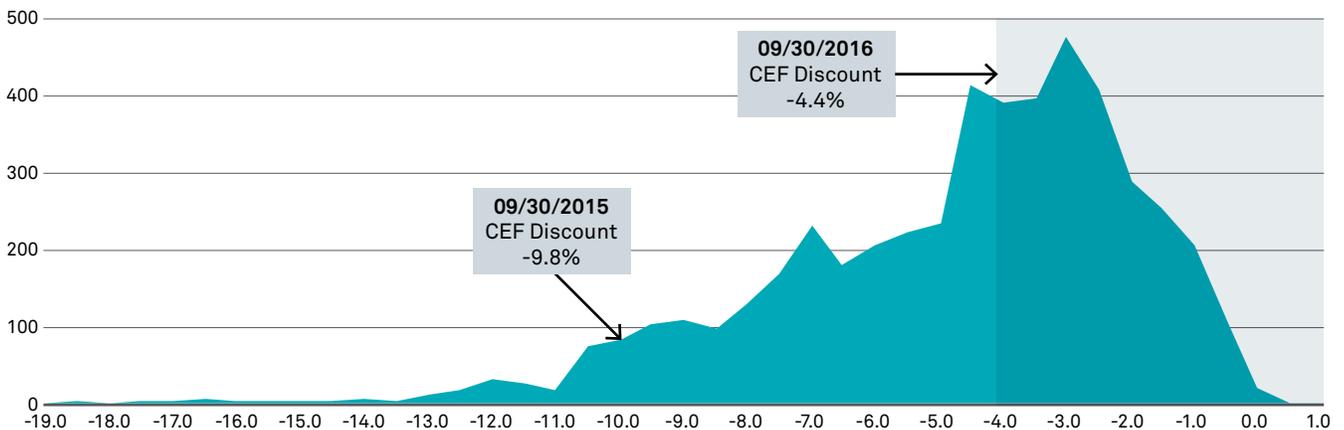
2016 Year to Date Returns

Category	YTD Total Return (Market Price)	YTD Total Return (NAV)	Premium/Discount
Energy MLP	26.86%	30.38%	-4.60%
Emerging Market Debt	17.95%	27.56%	-8.00%
High Yield	16.30%	20.91%	-5.80%
Sector Equity	14.30%	18.03%	-5.20%
Emerging Market Equity	13.57%	13.52%	-12.60%
General Bond	10.82%	17.77%	-2.50%
Loan Participation Funds	10.70%	15.99%	-6.40%
Investment Grade	9.77%	12.12%	-7.70%
Municipal	6.78%	11.45%	-0.80%
Mortgage	5.25%	9.36%	-4.90%
Equity (Options Strategies)	5.08%	7.82%	-1.70%

Source: Lipper as of 9/30/16.

### EXHIBIT 4

59% of the time discounts have been narrower than where they are today (versus 95% in 2015)



Source: Morningstar as of 9/30/16.

## WHY BLACKROCK®

BlackRock helps people around the world, as well as the world's largest institutions and governments, pursue their investing goals. We offer:

- ▶ A comprehensive set of innovative solutions, including mutual funds, separately managed accounts, alternatives and iShares® ETFs
- ▶ Global market and investment insights
- ▶ Sophisticated risk and portfolio analytics

We work only for our clients, who have entrusted us with managing \$4.89 trillion, earning BlackRock the distinction of being trusted to manage more money than any other investment firm in the world.\*

## Want to know more?



[blackrock.com](http://blackrock.com)

BlackRock does not provide tax advice, and investors should consult their professional advisors before making any tax or investment decision. Performance results reflect past performance and are no guarantee of future results. Current performance may be lower or higher than the performance data quoted. All returns assume reinvestment of all dividends. The market value and net asset value (NAV) of a fund's shares will fluctuate with market conditions. Closed-end funds may trade at a premium to NAV but often trade at a discount. All return data assumes reinvestment of all distributions. Current performance may be lower or higher than the performance data quoted. In evaluating total return, investors should take into account the effect of federal, state and local income and other taxes payable by the investor on distributions received from a fund and any gain on the sale of fund shares. The extent and nature of such taxes may be affected by a fund's particular investment strategies and tax status, as well as the investor's own circumstances. Additional information regarding distributions can be found in a fund's annual and semi-annual shareholder report. For more information, please refer to [blackrock.com](http://blackrock.com). Investment return, price, yields and NAV will fluctuate with changes in market conditions. At the time of sale, your shares may have a market price that is above or below net asset value, and may be worth more or less than your original investment. There is no assurance that a fund will meet its investment objective. Most closed-end funds, unlike open-end funds, are not continuously offered and do not provide daily liquidity. There is an initial public offering of shares and, once issued, shares of closed-end funds are purchased and sold in the open market on a stock exchange. Some BlackRock CEFs may utilize leverage to seek to enhance the yield and net asset value of their common stock, through bank borrowings, issuance of short-term debt securities or shares of preferred stock, or a combination thereof. However, these objectives cannot be achieved in all interest rate environments. While leverage may result in a higher yield for the fund, the use of leverage involves risk, including the potential for higher volatility of the NAV, fluctuations of dividends and other distributions paid by the fund and the market price of the fund's common stock, among others. There is no assurance that a fund's leveraging strategy will be successful. Once a portfolio is leveraged, the net asset value and market value of the common shares will be more volatile. While a common investment practice by many CEF managers, leverage cannot assure a higher yield or return to the holders of the common shares. Certain funds may invest assets in securities of issuers domiciled outside the United States, including issuers from emerging markets. Foreign investing involves special risks, including foreign currency risk and the possibility of substantial volatility due to adverse political, economic or other developments. Some BlackRock CEFs make distributions of ordinary income and capital gains at calendar year end. Those distributions temporarily cause extraordinarily high yields. There is no assurance that a fund will repeat that yield in the future. Subsequent monthly distributions that do not include ordinary income or capital gains in the form of dividends will likely be lower. Past performance is no guarantee of future results. Lipper rankings are based on total return using market prices. Closed-end fund shares are not deposits or obligations of, or guaranteed by, any bank and are not insured by the FDIC or any other agency. Each fund is subject to investment risk, including possible loss of principal amount invested. This is not a prospectus intended for use in the purchase or sale of any shares of any closed-end fund. Shares may only be purchased or sold through registered broker/dealers. For more information regarding any of BlackRock's closed-end funds, please call BlackRock at 800-882-0052.

\* Source: BlackRock. Based on \$4.89 trillion in AUM as of 6/30/15.

©2016 BlackRock, Inc. All Rights Reserved. BLACKROCK is a registered trademark of BlackRock, Inc. or its subsidiaries in the United States and elsewhere. All other trademarks are those of their respective owners.

Prepared by BlackRock Investments, LLC, member FINRA.

**Not FDIC Insured • May Lose Value • No Bank Guarantee**

5527a-CEF / CEF-0272-1016

**BLACKROCK®**