# **CEFConnect Help Information**

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# Registration

First time visitors are encouraged to register for cefconnect.com, so you can take advantage of enhanced features on the site. Register on the homepage, either in the upper right hand corner or the right hand side of the screen. You'll be prompted to enter your First and Last Name, email address, and indicate if you are a Financial Adviser or Individual Investor.

The authority on closed-end funds	First time visitor Register now to access enhanced features           Login           Quick Search         Ticker or Keyword(s)         Q
Home My Portfolios Daily Pricing Fund Screener Education Center	
GET CONNECTED. The Source for CEF Investors CEFConnect provides unbiased, straightforward and comprehensive closed-end fund information. Providing the latest closed-end fund data can screen, sort, and explore the latest CEF research, news and video Learn about closed-end funds, how to use closed-end funds to build a portfolio and more - all for free.	you       Din CEF Connect and get tools that help you track funds, set automated alerts, news updates and more. All at no cost.         First Name       First Name         Last Name       Last Name         Email Address       Email Address

# Logging into your Account

Returning users to CEFConnect can login through the upper right hand corner of the page using the Login button. If you are accessing through a personal computer, you can select "Keep me logged in" and you'll automatically be logged into your account on future visits to the site.

	CEF Con	nect I-end funds	brou NU	ight to you by VEEN CLOSED-ENE	) FUNDS	First time visitor? Register now to access enhanced feature Login Quick Search Ticker or Keyword(s) Q
Home	My Portfolios	Daily Pric	ing	Fund Screener	Education Center	
	E	mail Addres Passwor	s E d F N F	Email Address Password Keep me logged in Login ot registered? Registered?	er here for free	Access Advanced Tools with Free Recistration Register for more efficient research and advanced tools like personal portfolios, automated fund alerts, and more! Site Registration for CEF Connect is Free Register Now!

# Navigation

Use the buttons across the top of the page (Home, My Portfolios, Daily Pricing, Fund Screener, Education Center) to navigate the main sections of the site. Use the buttons in the upper right hand side (My Account, My Alerts, Logout) to access your account information and set alerts.

	CEF Con The authority on closed	nect J-end funds	brought to you by NUVEEN CLOSED-END	) FUNDS	Welcome back, elizabeth. Not elizabeth? Sign out       My Account       My Alerts       Logout         Quick Search       Ticker or Keyword(s)       Q
Home	My Portfolios	Daily Pricin	g Fund Screener	Education Center	
My P	ortfolios				Recently Viewed
То	p Funds - by spo	nsor •			Go to My Portfolios Closing Price

#### Quick Search

Quick Search will search for the characters you type in, looking first for the ticker symbols, followed by fund names, fund sponsors, and holdings. The first tab with results in it will be shown. Hit the enter key or search icon to produce all the results, or select from the names that appear in the dropdown underneath the Quick Search box.

Welcome back, eliza						Sign out. My Account My Alerts Logout	
The authority on closed-end funds		end funds	brought to you by NUVEEN CLOSED-END FUNDS		Quick Search	nuveen	
						nuveen	
Home	My Portfolios	Daily Prici	ing Fund Screener	Education Center		Nuveen CT Premium Income Muni	
						Nuveen NC Premium Income Muni	
_						Nuveen MO Premium Income Mun	
Sear	ch Resu	lts				Nuveen MA Premium Income Muni	
These ere e	month 244 months f	or "pureop"				Nuveen PA Premium Income Muni2	
There are cu	Trenuy 214 results i	or nuveen				Nuveen MD Premium Income Muni	
Ticker (0)	Fund Name (1	02) Spons	ors (105) Holdings (7)			Nuveen Select Maturities Muni	
NEA		Nuveen	AMT-Free Municipal Inc				
NAZ		Nuveen	AZ Premium Income Muni				
NBB		Nuveen	Build America Bond				

# Homepage

This is your starting point for using Nuveen's CEF Connect. Once logged in, you'll see tiles for My Portfolios, Recently Viewed, News & Headlines, Quick Sorter, and an announcement box.

ome My Po	ortfolios Daily Pricing Fund S	creener Education Center				
My Portfolio	s			Recently Viewed		
Top Fund	s - by size -		Go to My Portfolios	Ticker	Closing NAV Price	Price Change
As of 7/26/201	3			IF	\$12.87 \$11.36	-\$0.09
Ticker	VAN VAN	Closing Price	Price Change	HIS	\$2.28 \$2.08	\$0.00
ACG	\$8.36	\$7.28	\$0.00	GLQ	\$17.16 \$15.16	-\$0.18
CEF	\$15.01	\$14.57	-\$0.14	FOF	614.10 610.00	50.05
CEM	\$26.95	\$28.14	-\$0.03	FUF	\$14.13 \$12.83	\$0.05
DNP	\$9.17	\$10.23	\$0.00	ETF	\$22.46 \$20.38	\$0.09
DSL	\$22.67	\$22.21	\$0.04	BTT	\$18.75 \$18.87	\$0.27
ETY	\$11.60	\$10.52	\$0.07	CEM	\$26.95 \$28.14	-\$0.03
EVV	\$16.48	\$15.66	\$0.11	CLIII	020.00 020.14	00.00
EXG	\$10.51	\$9.68	\$0.04			
FAX	\$6.89	\$6.19	-\$0.05	Are you		
GDV	\$22.47	\$20.35	\$0.02			
News & Hea	dlines				LOOKING FOR LEVER	AGE?
S.	Timing Question Timing when to invest can be challenging. Maury Fertig of Relative Value Partners shares a perspective to consider.	Downtrend Call Working As Black     SmarTrend 08/01/2013 11:08     19.2% Return Seen to Date on     SmarTrend 08/01/2013 10:08	ackRock MuniHoldings • :43 AM SmarTrend Gabelli :42 AM	00	can affect your r	More
	Equity CEFs Many equity closed-end funds may currently trade at discount, but be sure you know what you're buying and why, says analyst Alex Reiss of Stifel Nicolaus	Royce Micro-Cap Trust Shares SmarTrend 08/01/2013 10:08 Royce Value Trust Shares Up 1 SmarTrend 08/01/2013 10:08	: Up 23.9% Since : 12 AM 19.4% Since : 10 AM	Quick Sorter		

### My Portfolios

Navigate between portfolios by selecting the dropdown menu in the upper left hand corner. To sort the funds by Ticker, NAV, Closing Price, or Price Change just click on the column heading. To reverse the order, click the column heading again.

lome	My Portfolios	Daily Pricing	Fund Screener	Education Center	
My P	ortfolios				
My	y Investments <del>+</del>				Go to My Portfoli
	Nuveen Funds				
	<ul> <li>Top Funds - by FS A</li> <li>Top Funds - by size</li> </ul>	NAV	Clos	sing Price	Price Change
	My Investments	14.49		\$12.45	\$0.03
BTT		\$18.75		\$18.87	\$0.27
CAF		\$22.05		\$20.31	-\$0.03

#### **Recently Viewed**

This box will show the most recent funds you've viewed. This chart cannot be sorted, it will show tickers in the order in which you've searched.

#### News & Headlines

This box will give you quick access to news articles and videos about closed-end funds and other trends in finance.

#### **Quick Sorter**

The Quick Sorter contains all closed-end funds. You can sort them by ticker symbol or Premium/Discount.

Ticker  ACG ACP ADX AFB	Premium/Discount -12.92% -3.60% -14.08%
ACG ACP ADX AFB	-12.92% -3.60% -14.08%
ACP ADX AFB	-3.60%
ADX AFB	-14 08%
AFB	1.0070
	-6.32%
AFT	1.00%
AGC	-11.06%
AGD	-10.40%
AIF	-8.89%
AKP	-9.43%

### Announcement Box

Check out the announcement box for useful tutorials, updates, and news.

# My Portfolio

Here's where you track the funds most important you. You can create as many portfolios as you'd like, there is no limit. Funds can be featured within multiple portfolios.

### Creating a Portfolio

To get started, you can select Create New Portfolio or New Portfolio.



First, name the Portfolio. This name can be updated or edited later if you'd like. Then click Create.

New Portfolio			
New portfolio name	Portfolio Name		
		Cancel	Create

Click Close to continue updating the Portfolio.



### Adding Funds

You can add funds by selecting Add Fund.

viy Funds	Net Price Change: \$0.00	0		_			
O New Portfolio	🕑 Edit Portfolio Name	📋 Delete Portfolio	Add Fund			s	elect a Portfolio 🕶
				_			
IAV's are italicized when	their published date is earlier than	the above date. Hover ove	er the NAV to see the pu	ublished date. * in	dicates Managed Distril	outions.	
IAV's are italicized when s of 6/5/2013	their published date is earlier than	the above date. Hover ove	er the NAV to see the pu	ublished date. * in	dicates Managed Distril	outions.	

A pop up box will appear. Search for the funds you want by ticker symbol or fund sponsor. You can order the data by Ticker Symbol or Fund Name, and alphabetical or reverse alphabetical order; just click the tab. Then click the Add button next to the desired fund.

Add Fu	Add Fund						
Select fro the field b Search:	om the followi below to sear	ing closed-end funds listed here to add to your portfolio. Use rch for a closed-end fund by Ticker or Fund Name.	Select the find the f	et from the eld below	e followi to sear	ing closed-end funds listed here to add to your portfolio. U rch for a closed-end fund by Ticker or Fund Name.	se
•	Ticker	▼ F nd Name	or	Tic	ker	Fund Name	
Add	ACG	AllianceBernstein Income Fund		dd AC	G	AllianceBernstein Income Fund	A E
Add	ACP	Avenue Income Credit Strategy	u A	dd AC	P	Avenue Income Credit Strategy	
Add	ADX	Adams Express		dd In AD	X	Adams Express	
Add	AFB	AllianceBernstein Nat Muni Inc	×	dd AFI	в	AllianceBernstein Nat Muni Inc	
Add	AFT	Apollo Senior Floating Rate	M	dd AF	т	Apollo Senior Floating Rate	
Add	AGC	Advent Claymore Cnvt Secs&Inc		dd AG	C	Advent Claymore Cnvt Secs&Inc	
Add	AGD	Alpine Global Dynamic Dividend		dd AG	D	Alpine Global Dynamic Dividend	-
		×	12				
6		Close	a igte		P 4 C	Clo	se

Funds can also be added from individual fund pages by selecting the "add to portfolio" underneath the fund name. Funds can be added into multiple portfolios.

Home	My Portfolios	Daily Pricing	Fund Screener	r Education Center			
Leg	gMason Portfolios -	BW Glo	obal Inc C	Dpps:BWG			
<ul> <li>To</li> </ul>	op Funds - by FS A	UM Basics	Distributions	Pricing Information	Performance	Portfolio Characteristics	
🗖 Тс	op Funds - by size						
My	y Investments						
Ex	ample	Share	NAV	Premium/ Discount	\$30.00	NAV Price	

#### Editing your Portfolio

Once your Portfolios are created, you'll use the buttons located underneath the fund name to change or updates them.



To switch between portfolios, click "Select a portfolio". You'll see a dropdown list of all your Portfolios.

My Funds	Net Price Change: -\$0.0	8				
New Portfolio     NAV's are italicized when th     As of 6/5/2013	C Edit Portfolio Name	Delete Portfolio	the NAV to see the put	blished date. * indicates Manag	ed Distributions.	Select a Portfolio   Top Funds - by size Top Funds - by sponsor
Ticker	Fund Name	VAV 0	Closing Price Pr	ice Change Distribution	Rate Distrib <mark>utio</mark>	n Amount Premium/Discount

# **Daily Pricing**

When you first select the Daily Pricing tab, all funds will be listed as the default. Investment Strategy filters are Tax-Free Income, Taxable Income, US Equity, and Non-US/Other.



### Adding and Removing categories

To remove an entire category, click the red x. The box will only highlight red when your mouse is over it.

Home	My Portfolio	5	Daily Pricing	Fund	Screener	Education	Center
	<b>y Pricin</b> nt strategy filt	<b>g</b> ERS:					
Tax-Free	Income I		Taxable Income	►	US Equity	►	Non-US/Other Select All Clear All
View All	Tax-Free Inc	×	View All Taxable Inco	I×	View All US Ed	quity I×	View All Non-US/Ott ar

To narrow down within a specific category, unselect investment strategies from within the dropdown. Or remove them directly from the table by clicking the red x.

View within the dropdown.

Daily Pricing	9									
NVESTMENT STRATEGY FILTER	S:									
Tax-Free Income	Taxable Income All Taxable Inco	US Equity View All US Equity		Non-US/Other View All Non-U	► S/Other I×	•				Clear All
<ul> <li>✓ High Yield</li> <li>✓ National</li> </ul>	ased on closing p	price as of 8/1/2013.								
Arizana	ied date is earlier	than the above date. Hover	over the	NAV to see the pu	ublished date	e. * indicate	es Managed Distrit	utions.		
Colorado		Strategy	•	Closing	Price	NAV	Premium/	Distribution	Distribution	1 Yr Rti
Connecticut				Price	Change		Discount	Rate	Rate on NAV	on NAV
· ·		De el la como				- · · · · ·	0.0407	7.000	7.000	

#### View from the page itself.

VESTMENT STRATEGY	FILTER	S:						
Tax-Free Income	►	Taxable Income	►	US Equity	►	Non-US/Other	►	•
High Yield	$ \times $	Convertible		Covered Call				
National	$ \times $	Government		Dividend Equity	$ \times$			
Arizona	fbr	Municipal		Equity Tax-Advantaged	$ \times$			
California	N.	Preferreds		General Equity	$ \times$			
Colorado	IX	12		Growth & Income	$ \times$			
North Carolina				Real Estate (Global)	$ \times$			
Virginia				Commodities	$ \times$			
				Health/Biotech	$ \times$			
				MLP	$ \times$			
				Utilities	$ \times$			

To add an entire category back into the table, select view all from the dropdown.

Home	My Portfolios	Daily Pr	ricing Fu	nd Screener	Education	Center						
	<b>y Pricing</b>	<b>)</b> s:										
Tax-Free View A High Y	Income  All Tax-Free Income Yield nal	All Taxable Inc	come xable Inco on closing pric	US Equity View All US Economics the as of 8/1/2013.	► quity I×	Non-US/Other View All Non-U	► S/Other	•				Clear All
State	izona alifornia	ied da	ate is earlier tha	an the above date. H	Hover over the I	NAV to see the pu	ublished dat	e. * indicate	s Managed Distri	butions.		
	olorado onnecticut			Strategy	•	Closing Price	Price Change	NAV	Premium/ Discount	Distribution Rate	Distribution Rate on NAV	1 Yr Rtr on NAV
E Flo	orida	High I	n	US Equity-Utilitie	5	\$12.28	\$0.03	\$12.70	-3.31%	7.33%	7.09%	17.019
🗌 Ge	eorgia	-		US Equity-Utilitie	B	\$25.93	\$0.13	\$28.00	-7.40%	6.07%*	4.44%	19.72%

#### Sorting

Funds can be sorted by clicking on any of the column headings: Ticker, Fund Name, Strategy, Closing Price, Price Change, NAV, Premium/Discount, Distribution Rate, Distribution Rate on NAV, and 1 Year return on NAV. The arrow next to the column heading tells you whether the values are ascending or descending. Select the column heading again to reverse the order.

Ticker	Fund Name	<u>Strategy</u> ▼	Closing Price	Price Change	NAV	Premium/ Discount	Distribution Rate	Distribution Rate on NAV	1 Yr Rtn on NAV
ERH	Wells Fargo Adv Util & High In	US Equity-Utilities	\$12.28	\$0.03	\$12.70	-3.31%	7.33%	7.09%	17.01%
Ticker	Fund Name	Strategy	Closing Price	Price Change	NAV	Premium/ Discount	Distribution Rate	Distribution Rate on NAV	1 Yr Rtn on NAV
IF	Aberdeen Indonesia Fund Inc	Non-US/Other-Asia Equity	\$11.37	\$0.15	\$12.79	-11.10%	0.98%	0.87%	4.80%

# Fund Screener

The Fund Screener is the main tool used to help you narrow down funds based on custom criteria. There are six main sections of the Fund Screener you can use:

- A. Investment Strategies
- B. Additional Filters
- C. Refining Criteria
- D. Value Ranges
- E. Comparing Funds
- F. Saving and Resetting Screener

ESTMENT STRATEGY FILTER	S: Taxable Income View All Taxable Inc	US Eq Io IX View A	uity II US Equity	Non-US/Other View All Non-US/Oth	er IX	ADDITIONA Sponsor View All	L FILTERS: s Sponsors	Leverage View All Leverage	
IIIIE CRITERIA: Add up to 8 ort Most Common NAV Effective Leverage Distribution Rate Premium / Discount Market Cao		NAV \$2.21	¥ \$70.56	Effective Leverage	<b>x</b> 60.08%	Distribution Rate	x 19.98%	Premium / Discount	×
Baseline Expense		Market Cap	x	Managed Distribution	×				
Performance Distribution		\$4.39M	\$3,625.67M	<ul> <li>Both</li> <li>Yes</li> <li>No</li> </ul>					
Bond									

#### A. Investment Strategies

The investment strategies filters are the same used in Daily Pricing. Refer to page 8 for more details.

#### **B.** Additional Filters

Use the additional filters to narrow down by Fund Sponsor, and whether or not the fund uses leverage. If you are looking to view only specific Fund Sponsor(s), remove the entire category first then select the specific sponsor(s).

#### First remove all:

Home	My Portfolios	Daily Pricing	Fund Screene	r Educati	on Center					
Fun	d Scree	ner								
IVESTME	INT STRATEGY FILTER	S:					ADDITIONA	AL FILTERS:		
Tax-Free View All	Tax-Free Inc	Taxable Income View All Taxable Inc	● US Equity o I× View All US	S Equity	Non-US/Other	Dther IX	Sponsor View All	's Sponsors	Leverage	e IX
									407	
EFINE CRI	ITERIA: Add up to 8 crit	eria								
MOSEC	ommon		NAV	x	Effective Leverage	x	Distribution Rate	x	Premium / Discount	x
NAV Effectiv	e Leverarie			_ I		_ • I				
Distribu	ution Rate		\$2.21	\$70.56	0.00%	60.08%	0.07%	19.98%	-45.77%	55.36%
Premiu	ım / Discount									
Market	Cap									
Baselir	ne Expense		Market Cap	x	Managed Distribution	x *nc				

#### Then add individual sponsor(s):

Home	My Portfolios	Daily Pricing	Fund Screener	Educat	ion Center			
Fun	d Screer	her						
NVESTME	NT STRATEGY FILTERS	:						ADDITIONAL FILTERS:
Tax-Free View All	Tax-Free Inc	Taxable Income View All Taxable Inc ria	US Equity	quity	Non-US/Other     View All Non-US/Oth	er IX		Sponsors Leverage All Leverage View All Sponsors All Leverage X Al
MAV	ommon		NAV	x	Effective Leverage	x	Distributi	Allianz Global Investors Fund
Effectiv Distribu Premiu	re Leverage ution Rate ım / Discount		\$2.21	\$70.56	0.00%	60.08%	0.07%	Credit Suisse Asset Legg Mason Partners Fund Invesco Advisers Cohen & Steers Canital
<i>Market</i> Baselin	Cap ne Expense		Market Cap	X	Managed Distribution*	x		Gabelli Funds Inc

### C. Refining Criteria

Up to eight additional criteria can be selected to help you narrow down funds. They are divided into four sections: Most Common, Performance, Distribution, and Bond.

Click the category name and the box will appear on the right. Then click "Reload fund screener table" and you'll see the newly updated results.

Most Common	NAV	x	Effective Leverage	x	Distribution Rate	x	Premium / Discount	x
Performance						_		
YTD Rtn on NAV	\$2.21	\$70.56	0.00%	60.08%	0.07%	19.98%	-45.77%	55.36%
1 Year Rtn on NAV								
1 Year Rtn on Price	Market Cap	×	Managed Distribution	* X				
3 Year Rtn on NAV	mannet cap		indiagod Diotribution					
3 Year Rtn on Price			Both					
Distribution	\$4.39M	\$3,625.67M	⊚ Yes ⊚ No					
Bond								

Most Common	NAV	x	Effective Leverage	x	Distribution Rate	x	Premium / Discount	x
Performance						- <b>a</b> 1		
YTD Rtn on NAV	\$2.21	\$70.56	0.00%	60.08%	0.07%	19.98%	-45 77%	55 36%
YTD Rtn on Price								
1 Year Rtn on NAV								
1 Year Rtn on Price	Market Cap	x	Managed Distribution	* х	YTD Rtn on NAV	x		
3 Year Rtn on NAV					-			
3 Year Rtn on Price			Both					
Distribution	\$4.39M	\$3,625.67M	© Yes ⊙ No		-40.13%	40.68%		
Bond								
		Reloa	d Fund Scibene	r Table				

To remove a category, click the x in the upper right hand corner of the box.



### D. Value Range

To increase or decrease the range of the value shown, slide the markers.



#### E. Comparing Funds

To compare funds in more detail, select the box next to the ticker symbol; you can compare up to five funds at once.

Revi	iew up	to Five Add to Portfolios	·				Reset Scre	eener	Saved Screens -		ave As
Tio	cker	Fund Name	Strategy	NAV	Effective Leverage	Distribution Rate	Premium / Discount	Market Cap	YTD Rtn on NAV	Distribution Amt.	UNII
V NF	FJ	NFJ Div Interest & Premium	US Equity-Covered Call	\$18.36		10.26%	-4.47%	\$1,658M	11.81%	\$0.4500	\$-0.0370
UT 🔽	TF	Cohen & Steers Infrastructure	US Equity-Utilities	\$22.11	31.14%	7.31%	-10.95%	\$1,693M	11.03%	\$0.3600	\$-0.0174
G C	ЕМ	ClearBridge Energy MLP	US Equity-MLP	\$26.97	23.25%	5.67%	3.41%	\$1,869M	24.31%	\$0.3850	\$-0.6166
	YN	Kayne Anderson MLP	US Equity-MLP	\$34.03	32.10%	6.16%	6.52%	\$3,206M	27.17%	\$0.5800	\$-7.4327

### F. Saving Screener

You can save Fund Screener settings by clicking Save As. To return to default settings, select Reset Screener.



# **Fund Details**

Each fund has a dedicated page with more detailed information. Tabs include: Overview, Fund Basics, Distributions, Pricing Information, Performance, Portfolio Characteristics, and All.

If the fund is in a portfolio, the portfolio name will appear underneath the fund. To add to a portfolio, click Add to Portfolio and select the desired portfolio.



#### Overview

The overview section shows information regarding current pricing and distributions, as well as a price and NAV chart and a link to interactive charting.

### **Fund Basics**

This section contains information regarding the fund's capital structure including leverage detail, expenses, vital signs such as inception date, current price and NAV, portfolio manager, whether the fund has a target term or an ongoing tender offer feature, and average daily trading volume. This tab also includes links to that fund's SEC filings and the fund sponsor's website. In most cases, the fund sponsor link will go directly to that fund's information on the sponsor website.

#### Distributions

This section shows the last year's distributions in chart and tabular format, as well as key information to help understand the context and portfolio characteristics that are commonly used to assess the "health" of a fund's current distribution.

#### **Pricing Information**

This tab section contains averages and a chart for premium/discount through time, as well as a table of specific price, NAV, and premium/discount values. The table displays daily data for a month at a time, just select a start date.

#### Performance

This section contains price and NAV performance, as well as price and NAV performance for the fund's peer group. The most recent years are shown in charts, while the last 20 years are available in tables.

#### **Portfolio Characteristics**

This section shows top holdings, sectors, asset allocations, and portfolio characteristics such as maturity and credit breakdowns, as appropriate to that fund's strategy.

#### All

The All tab combines all section onto one page.

# **Education Center**

Visit the Education Center to learn more about closed-end funds. There is information available for all levels of investors – from beginners to experienced investors.

# Feedback

For questions or comments on CEFConnect, you can share feedback by clicking the feedback link located at the bottom of the page.

