

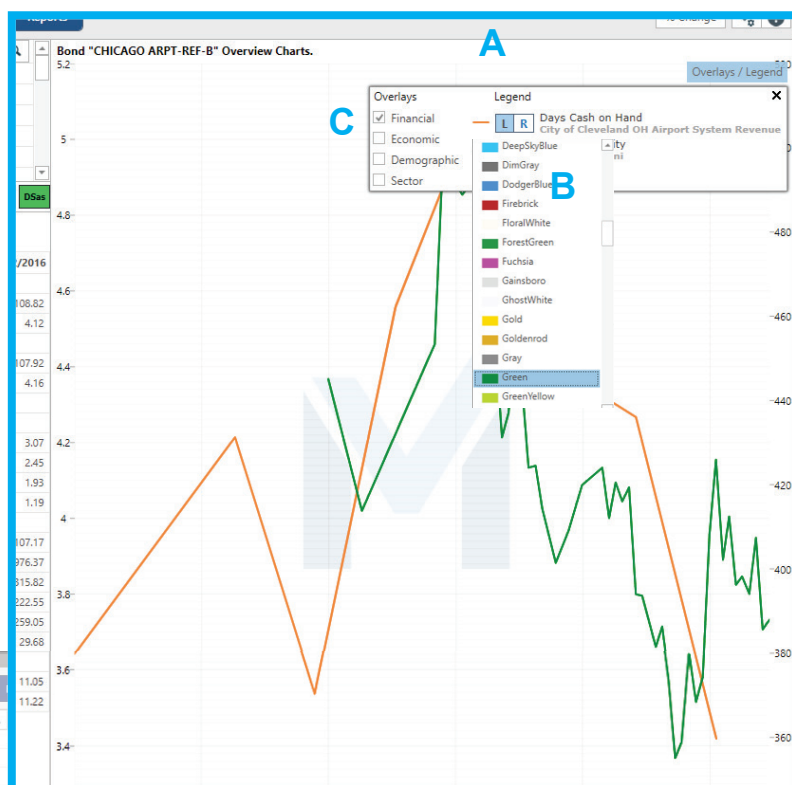
HOW TO USE THE CHARTING TOOL

Slice-and-Dice Data & Visualize Trends

In **Markets View**, check data points to chart them. Overlay data points to show relationships between market data and financial, economic, demographic and/or sector data.

Click the Overlays / Legend button on the chart to:

- Change chart axes (click L or R). **A**
- Change line color (click the line next to L / R button for a color dropdown menu). **B**
- Overlay credit metrics using the Overlays / Legend button. **C** Check off any of the Overlay options you prefer -- financials, economic, demographic and/or sector. The last data selection(s) you made under those tab(s) will appear in the chart.
- To change a data point, navigate to the respective tab and select the right line item. Remember to deselect data points you no longer need.



Munirisk-M1 [v1.1.0.29, trial]

Muni Search

Portfolio Obligor Markets Peer

Identifier 167593RG9 Muni 186352PX Muni

Sector Airport Airport

Security Name CHICAGO ARPT-REF-B CLEVELAND ARPT SYS-A

Ticker CHITRN CLEARPT

Coupon Rate 5.00 5.00

Coupon Frequency 2 2

Price History

Start Date: 8/8/2008 End Date: 8/8/2017 Frequency: Monthly Refresh

Name	5/2016	6/2016	7/2016	8/2016	9/2016	10/2016	11/2016	12/2016
167593RG9 Muni								
Price	119.63	120.36	121.99	121.46	120.00	117.14	111.24	108.82
Yield to Maturity	3.21	3.14	3.00	3.03	3.15	3.38	3.90	4.12
186352PX Muni								
Price	114.38	116.51	115.98	113.41	114.66	113.90	110.00	107.92
Yield to Maturity	3.57	3.37	3.41	3.64	3.52	3.58	3.95	4.16
Relative Markets								
Treasury Market								
GT30 Govt	2.65	2.29	2.18	2.23	2.32	2.58	3.04	3.07
GT10 Govt	1.85	1.47	1.45	1.58	1.60	1.83	2.38	2.45
GT05 Govt	1.37	1.00	1.03	1.20	1.15	1.31	1.84	1.93
GT02 Govt	0.88	0.58	0.66	0.81	0.76	0.84	1.12	1.19
Municipal Market								
Bloomberg Barclays Municip...	1,134.23	1,152.27	1,152.97	1,154.53	1,148.77	1,136.71	1,094.32	1,107.17
Bloomberg Barclays US Agg...	1,991.90	2,027.69	2,040.51	2,038.18	2,036.98	2,021.40	1,973.59	1,976.37
Bloomberg Barclays Muni HL...	321.15	331.13	333.30	334.50	335.39	331.23	311.52	315.82
S&P Municipal Bond Genera...	227.63	231.07	230.97	231.35	230.33	228.44	220.28	222.55

QUICK TIP

Comparative Analysis Using Charts In **Markets View**, add up to two securities for comparison within the chart.