

# Pioneer Municipal High Income Advantage Fund, Inc.

## Top 25 Holdings

As of May 31, 2024

	Holding	% Weight
1.	Puerto Ric Cmlt Aquedu Sew Aut 5% 7/1/47	5.9%
2.	Buckeye Tobacco Stmt Fin Auth 5% 6/1/55	4.7%
3.	Puerto Rico Sale Tax Fi Cor Tr 5% 7/1/58	4.4%
4.	United States Steel Corp 5.45% 9/1/52	3.9%
5.	Stanislaus County Tobacco Fdg 0% 6/1/46	3.8%
6.	WGBH Educational Foundation 5.75% 1/1/42	3.7%
7.	United Airlines Inc 4% 7/15/41	2.6%
8.	Howmet Aerospace Inc 4.75% 8/1/42	2.6%
9.	Commonwealth Of Puerto Rico 4% 7/1/46	2.4%
10.	Thomas Jefferson University Og 4% 9/1/49	2.3%
11.	Loma Linda Unvers Med Cen Og 5% 12/1/46	2.2%
12.	Columbia Tobac Settl Fin Corp 6.75% 5/15/40	2.2%
13.	I-66 Express Mobility Part Llc 5% 12/31/49	2.1%
14.	University Of Pennsylvania Hso 4% 8/15/49	2.1%
15.	Tobacco Sttmt Rev Mgmt Auth 6.38% 5/15/30	1.9%
16.	I-66 Express Mobility Part Llc 5% 12/31/56	1.8%
17.	Commonwealth Of Puerto Rico 4% 7/1/41	1.8%
18.	Metropolitan Transport Auth 4% 11/15/48	1.7%
19.	San Diego Cnty Regl Airport Au 5.25% 7/1/58	1.6%
20.	EDU Leads To Success Foundatio 8% 2/1/50	1.6%
21.	Cedars-Sinai Med Cente Obl Grp 3% 8/15/51	1.5%
22.	Sanford Obligated Group 4% 11/1/44	1.4%
23.	Chicago Board Education 5% 12/1/47	1.4%
24.	Tufts Medicine Obligated Group 5% 7/1/44	1.3%
25.	Florida S Turnpike Enterprise 2% 7/1/37	1.3%

The portfolio is actively managed and current fund information is subject to change. The holdings listed should not be considered recommendations to buy or sell any security.

Shares of closed-end funds, unlike open-end funds, are not continuously offered. Once issued, shares of closed-end funds are bought and sold in the open market through a stock exchange and frequently trade at prices lower than their net asset value. Net Asset Value (NAV) is total assets less total liabilities, which includes preferred shares, divided by the number of common shares outstanding.

For additional information, please contact your financial professional or visit our website [amundi.com/usinvestors](http://amundi.com/usinvestors).

Not FDIC insured | May lose value | No bank guarantee

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