

Pioneer Municipal High Income Opportunities Fund, Inc.

Top 25 Holdings

As of May 31, 2023

	Holding	% Weight
1.	Buckeye Tobacco Stmt Fin Auth 5% 6/1/55	5.7%
2.	Commonwealth Of Puerto Rico 4% 7/1/37	5.4%
3.	Loma Linda Univers Med Cen Og 5.25% 12/1/56	4.2%
4.	Puerto Rico Sale Tax Fi Cor Tr 4.75% 7/1/53	4.0%
5.	Tsasc Inc/Ny 5% 6/1/48	3.8%
6.	Tobacco Settlement Finance Aut 4.31% 6/1/49	3.7%
7.	United Airlines Inc 4% 7/15/41	3.4%
8.	Howmet Aerospace Inc 4.75% 8/1/42	3.1%
9.	Metropolitan Pier & Expo Auth 4% 6/15/50	2.9%
10.	Big River Steel Llc 4.5% 9/1/49	2.9%
11.	Puerto Ric Cmlt Aquedu Sew Aut 5% 7/1/47	2.8%
12.	Oroville Hospital 5.25% 4/1/54	2.6%
13.	New York Count Tobac Trust Iv 5% 6/1/45	2.4%
14.	Dominion Water & Sanitation Di 5.88% 12/1/52	2.2%
15.	Tobacco Settlement Fin Corp/Va 6.71% 6/1/46	2.2%
16.	Northeast Geor Hea Sys Obl Grp 2.5% 2/15/51	2.2%
17.	New York Count Tobac Trust Iv 5% 6/1/42	2.2%
18.	United States Steel Corp 5.45% 9/1/52	2.1%
19.	Samaritan Housing Foundatn O G 4% 6/1/41	2.1%
20.	American Airlines Inc 5.5% 12/1/35	2.0%
21.	Puerto Ric Cmlt Aquedu Sew Aut 5% 7/1/37	1.9%
22.	Metropolitan Pier & Expo Auth 5% 6/15/50	1.8%
23.	Honorhealth Obligated Group 3% 9/1/51	1.6%
24.	I-66 Express Mobility Part Llc 5% 12/31/52	1.6%
25.	Tender Opt Bd Trst Rcpt/Crtif 0% 7/15/50	1.4%

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.

Not FDIC insured | May lose value | No bank guarantee

Amundi Distributor US, Inc., 60 State Street, Boston, MA. 02109. Underwriter of Pioneer mutual funds, Member SIPC. © 2023 Amundi Asset Management US, Inc. 32657-20-0623