

## Report of Organizational Actions Affecting Basis of Securities

▶ See separate instructions.

**Part I Reporting Issuer**

<b>1</b> Issuer's name		<b>2</b> Issuer's employer identification number (EIN)	
NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND		57-1190596	
<b>3</b> Name of contact for additional information	<b>4</b> Telephone No. of contact	<b>5</b> Email address of contact	
SHANNON GALLAGHER	312-917-7706	shannon.gallagher@nuveen.com	
<b>6</b> Number and street (or P.O. box if mail is not delivered to street address) of contact		<b>7</b> City, town, or post office, state, and ZIP code of contact	
333 WEST WACKER DRIVE		CHICAGO, IL 60606-1286	
<b>8</b> Date of action		<b>9</b> Classification and description	
SEE ATTACHED		DISTRIBUTION IN EXCESS OF CURRENT AND ACCUMULATED EARNINGS AND PROFITS	
<b>10</b> CUSIP number	<b>11</b> Serial number(s)	<b>12</b> Ticker symbol	<b>13</b> Account number(s)
SEE ATTACHED		SEE ATTACHED	

**Part II Organizational Action** Attach additional statements if needed. See back of form for additional questions.

**14** Describe the organizational action and, if applicable, the date of the action or the date against which shareholders' ownership is measured for the action ▶ THE FUND PAID A MONTHLY DISTRIBUTION TO SHAREHOLDERS DURING THE CALENDAR YEAR 2023. A PORTION OF EACH DISTRIBUTION MAY CONSTITUTE A NONTAXABLE RETURN OF CAPITAL. REFER TO ATTACHMENT FOR DETAILS.

**15** Describe the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer as an adjustment per share or as a percentage of old basis ▶ THE PORTION OF EACH DISTRIBUTION THAT CONSTITUTES A NONTAXABLE RETURN OF CAPITAL WILL DECREASE A U.S. TAXPAYER'S BASIS IN THE SHARES OF THE ISSUER. FOR THE NONTAXABLE RETURN OF CAPITAL PER SHARE AMOUNTS, SEE ATTACHMENT.

**16** Describe the calculation of the change in basis and the data that supports the calculation, such as the market values of securities and the valuation dates ▶ THE FUND'S CURRENT AND ACCUMULATED EARNINGS WERE COMPARED TO DISTRIBUTIONS PAID DURING THE CALENDAR YEAR 2023. THE NONTAXABLE RETURN OF CAPITAL REPRESENTS THE AMOUNT OF DISTRIBUTIONS PAID DURING THE TAXABLE CALENDAR YEAR 2023 IN EXCESS OF THE FUND'S CURRENT AND ACCUMULATED EARNINGS AND PROFITS UNDER IRC SECTION 316.



Nuveen Municipal High Income Opportunity Fund  
 EIN: 57-1190596  
 Form 8937 Attachment  
 October 31, 2023

				PER SHARE				
Share Class	CUSIP	Ticker Symbol	Payable Date	Total Distribution	Income Dividends	Capital Gains	Exempt Interest Dividends	Return of Capital
Common	670682103	NMZ	2/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	3/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	4/3/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	5/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	6/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	7/3/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	8/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	9/1/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	10/2/2023	\$ 0.045500	\$ 0.001113	\$ -	\$ 0.043108	\$ 0.001279
Common	670682103	NMZ	11/1/2023	\$ 0.042500	\$ 0.001070	\$ -	\$ 0.041430	\$ -
Common	670682103	NMZ	12/1/2023	\$ 0.042500	\$ 0.001070	\$ -	\$ 0.041430	\$ -
Common	670682103	NMZ	12/29/2023	\$ 0.042500	\$ 0.001070	\$ -	\$ 0.041430	\$ -
<b>Total</b>				<b>\$ 0.537000</b>	<b>\$ 0.013227</b>	<b>\$ -</b>	<b>\$ 0.512262</b>	<b>\$ 0.011511</b>