

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund
Form N-Q
September 29, 2016

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT
COMPANY

Investment Company Act file number 811-09475

Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund
(Exact name of registrant as specified in charter)

Nuveen Investments
333 West Wacker Drive, Chicago, Illinois 60606
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 10/31

Date of reporting period: 7/31/16

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

Portfolio of Investments

Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund (NVG)
July 31, 2016 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 154.4% (100.0% of Total Investments)			
	MUNICIPAL BONDS – 154.4% (100.0% of Total Investments)			
	Alabama – 2.0% (1.3% of Total Investments)			
\$ 3,645	Alabama Private Colleges and University Facilities Authority, Limited Obligation Bonds,	9/25 at 100.00	N/R	\$ 3,851,161
6,850	University of Mobile Project, Series 2015A, 6.000%, 9/01/45			
	Birmingham Waterworks and Sewer Board, Alabama, Water and Sewer Revenue Bonds,	1/17 at 100.00	AA+	6,957,134
	Series 2007A, 4.500%, 1/01/43 – BHAC Insured			
35,355	Lower Alabama Gas District, Alabama, Gas Project Revenue Bonds, Series 2016A, 5.000%, 9/01/46	No Opt. Call	A3	48,607,468
8,100	Mobile Spring Hill College Educational Building Authority, Alabama, Revenue Bonds, Spring Hill College Project, Series 2015, 5.875%, 4/15/45	4/25 at 100.00	N/R	8,383,743
	Opelika Utilities Board, Alabama, Utility Revenue Bonds, Series 2011B:			
1,250	4.000%, 6/01/29 – AGM Insured	6/21 at 100.00	AA	1,341,613
1,000	4.250%, 6/01/31 – AGM Insured	6/21 at 100.00	AA	1,084,490
56,200	Total Alabama			70,225,609
	Alaska – 0.6% (0.4% of Total Investments)			
	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A:			
7,010	5.000%, 6/01/32	10/16 at 100.00	B3	6,919,010
13,965	5.000%, 6/01/46	10/16 at 100.00	B3	13,825,071
20,975	Total Alaska			20,744,081
	Arizona – 3.2% (2.1% of Total Investments)			
4,230	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds,	3/22 at 100.00	A3	4,740,138

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30			
	Arizona Health Facilities Authority, Hospital System Revenue Bonds, Phoenix Children's Hospital, Refunding Series 2012A:			
1,220	5.000%, 2/01/20	No Opt. Call	BBB+	1,386,786
1,850	5.000%, 2/01/21	No Opt. Call	BBB+	2,157,267
1,485	Arizona Health Facilities Authority, Revenue Bonds, Scottsdale Lincoln Hospitals Project, Series 2014A, 4.000%, 12/01/39	12/24 at 100.00	A2	1,602,330
10,000	Arizona Sports and Tourism Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/31	7/22 at 100.00	A1	11,368,000
3,000	Arizona State, Certificates of Participation, Department of Administration Series 2010B, 5.000%, 10/01/29 – AGC Insured	4/20 at 100.00	AA	3,361,170
1,200	Arizona State, Certificates of Participation, Series 2010A: 5.250%, 10/01/28 – AGM Insured	10/19 at 100.00	AA	1,357,128
1,500	5.000%, 10/01/29 – AGM Insured	10/19 at 100.00	AA	1,682,730
7,070	Arizona State, State Lottery Revenue Bonds, Series 2010A, 5.000%, 7/01/29 – AGC Insured	1/20 at 100.00	AA	7,915,006
1,190	Maricopa County Industrial Development Authority, Arizona, Health Facility Revenue Bonds, Catholic Healthcare West, Series 2007A, 5.250%, 7/01/32	7/17 at 100.00	A	1,229,032
5,200	Mesa, Arizona, Utility System Revenue Bonds, Tender Option Bond Trust 2016-XF2216, 13.750%, 7/01/31 – AGM Insured (Pre-refunded 7/01/17) (IF)	7/17 at 100.00	AA (4)	5,919,680
2,750	Mesa, Arizona, Utility System Revenue Bonds, Tender Option Bond Trust 2016-XF2217, 13.750%, 7/01/31 – AGM Insured (Pre-refunded 7/01/17) (IF)	7/17 at 100.00	AA (4)	3,130,600
630	Mesa, Arizona, Utility System Revenue Refunding Bonds, Series 2002, 5.250%, 7/01/17 – FGIC Insured (ETM)	7/17 at 100.00	Aa2 (4)	657,644
370	Mesa, Arizona, Utility System Revenue Refunding Bonds, Series 2002, 5.250%, 7/01/17 – FGIC Insured	No Opt. Call	Aa2	386,151
7,780	Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Junior Lien Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	8,795,912
2,350	Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Senior Lien Series 2008A, 5.000%, 7/01/33	7/18 at 100.00	AA–	2,530,386
6,000	Phoenix Civic Improvement Corporation, Arizona, Revenue Bonds, Civic Plaza Expansion Project, Series 2005B: 5.500%, 7/01/37 – FGIC Insured	No Opt. Call	AA	8,504,460
8,755	5.500%, 7/01/39 – FGIC Insured	No Opt. Call	AA	12,639,944
	Phoenix Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Basis			

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Schools, Inc. Projects, Series 2016A:				
620	5.000%, 7/01/35	7/25 at 100.00	BB	679,929
1,025	5.000%, 7/01/46	7/25 at 100.00	BB	1,111,920
2,065	Phoenix Industrial Development Authority, Arizona, Multifamily Housing Revenue Bonds, Deer Valley Veterans Assisted Living Project, Series 2016A, 5.125%, 7/01/36 Pima County Industrial Development Authority, Arizona, Education Facility Revenue and Refunding Bonds, Edkey Charter Schools Project, Series 2013:	7/24 at 101.00	N/R	2,067,850
490	6.000%, 7/01/33	7/20 at 102.00	BB	516,161
500	6.000%, 7/01/43	7/20 at 102.00	BB	521,190
300	6.000%, 7/01/48	7/20 at 102.00	BB	311,934
690	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools Project, Series 2014A, 7.375%, 7/01/49 Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools Project, Series 2016:	No Opt. Call	BB	755,260
1,130	5.250%, 7/01/36	7/26 at 100.00	BB	1,141,266
1,850	5.375%, 7/01/46	7/26 at 100.00	BB	1,863,450
2,135	5.500%, 7/01/51	7/26 at 100.00	BB	2,157,674
885	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, San Tan Montessori School Project, Series 2016, 6.500%, 2/01/48	2/24 at 100.00	N/R	901,665
1,000	Pima County Industrial Development Authority, Arizona, Revenue Bonds, Tucson Electric Power Company, Series 2010A, 5.250%, 10/01/40 Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007:	10/20 at 100.00	A3	1,126,750
7,930	5.000%, 12/01/32	No Opt. Call	BBB+	9,954,608
5,215	5.000%, 12/01/37	No Opt. Call	BBB+	6,714,990
800	The Industrial Development Authority of the County of Maricopa, Arizona, Education Revenue Bonds, Reid Traditional School Projects, Series 2016, 5.000%, 7/01/47	7/26 at 100.00	Baa3	888,520
2,000	Yavapai County Industrial Development Authority, Arizona, Hospital Revenue Bonds, Yavapai Regional Medical Center, Series 2013A, 5.250%, 8/01/33	8/23 at 100.00	Baa1	2,321,460
95,215	Total Arizona Arkansas – 0.2% (0.2% of Total Investments)			112,398,991

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Arkansas Development Finance Authority, Tobacco Settlement			
	Revenue Bonds, Arkansas Cancer			
	Research Center Project, Series 2006:			
2,500	0.000%, 7/01/36 – AMBAC Insured	No Opt. Call	Aa2	1,293,525
20,125	0.000%, 7/01/46 – AMBAC Insured	No Opt. Call	Aa2	7,053,008
22,625	Total Arkansas			8,346,533
	California – 17.5% (11.3% of Total Investments)			
45	Alameda Corridor Transportation Authority, California,	No Opt. Call	BBB+	42,438
	Revenue Bonds, Refunding Subordinate			
	Lien Series 2004A, 0.000%, 10/01/20 – AMBAC Insured			
2,120	Alameda Corridor Transportation Authority, California,	No Opt. Call	Aaa	2,038,422
	Revenue Bonds, Refunding Subordinate			
	Lien Series 2004A, 0.000%, 10/01/20 – AMBAC Insured (ETM)			
6,135	Alhambra Unified School District, Los Angeles County,	No Opt. Call	AA	4,205,174
	California, General Obligation Bonds,			
	Capital Appreciation Series 2009B, 0.000%, 8/01/30 – AGC			
	Insured			
12,550	Anaheim Public Financing Authority, California, Lease	No Opt. Call	AA	6,852,802
	Revenue Bonds, Public Improvement			
	Project, Series 1997C, 0.000%, 9/01/35 – AGM Insured			
4,100	Antelope Valley Healthcare District, California, Revenue	3/26 at	Baa3	4,509,467
	Bonds, Series 2016A, 5.000%, 3/01/41	100.00		
5,000	Bay Area Toll Authority, California, Revenue Bonds, San	4/23 at	AA–	5,987,650
	Francisco Bay Area Toll Bridge, Series	100.00		
	2013S-4, 5.000%, 4/01/38			
	California County Tobacco Securitization Agency, Tobacco			
	Settlement Asset-Backed Bonds, Los			
	Angeles County Securitization Corporation, Series 2006A:			
3,275	5.450%, 6/01/28	12/18 at	B3	3,332,214
		100.00		
2,975	5.650%, 6/01/41	12/18 at	B2	3,026,825
		100.00		
45,180	California Educational Facilities Authority, Revenue Bonds,	No Opt. Call	AAA	68,705,678
	Stanford University, Series			
	2016U-7, 5.000%, 6/01/46 (UB)			
1,020	California Health Facilities Financing Authority, Revenue	11/22 at	BBB+	1,195,175
	Bonds, Children’s Hospital Los	100.00		
	Angeles, Series 2012A, 5.000%, 11/15/23			
10,000	California Health Facilities Financing Authority, Revenue	8/22 at	AA	11,793,400
	Bonds, Lucile Salter Packard	100.00		
	Children’s Hospital, Series 2012A, 5.000%, 8/15/51			
1,600	California Health Facilities Financing Authority, Revenue	7/23 at	AA–	1,904,272
	Bonds, Saint Joseph Health System,	100.00		
	Series 2013A, 5.000%, 7/01/37			
6,665	California Health Facilities Financing Authority, Revenue	8/25 at	AA	8,023,727
	Bonds, Stanford Hospitals and	100.00		
	Clinics, Series 2015A, 5.000%, 8/15/54 (UB) (5)			
	California Health Facilities Financing Authority, Revenue			
	Bonds, Stanford Hospitals and			
	Clinics, Tender Option Bond Trust 2016-XG0049:			
1,650	8.856%, 8/15/51 (IF) (5)		AA	2,241,822

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		8/22 at 100.00		
4,075	8.856%, 8/15/51 (IF) (5)	8/22 at 100.00	AA	5,536,621
1,555	8.849%, 8/15/51 (IF) (5)	8/22 at 100.00	AA	2,112,250
5,000	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2013A, 5.000%, 8/15/52 California Municipal Finance Authority, Charter School Revenue Bonds, Palmdale Aerospace Academy Project, Series 2016A:	8/23 at 100.00	AA-	5,894,500
555	5.000%, 7/01/41	7/26 at 100.00	BB	605,294
195	5.000%, 7/01/46 California Municipal Finance Authority, Education Revenue Bonds, American Heritage Foundation Project, Series 2016A:	7/26 at 100.00	BB	211,940
260	5.000%, 6/01/36	6/26 at 100.00	BBB-	301,140
435	5.000%, 6/01/46	6/26 at 100.00	BBB-	499,854
2,335	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2010A, 5.750%, 7/01/40	7/20 at 100.00	Baa2	2,611,698
735	California School Finance Authority, Charter School Revenue Bonds, Downtown College Prep – Obligated Group, Series 2016, 5.000%, 6/01/46	6/26 at 100.00	N/R	773,882
715	California School Finance Authority, Charter School Revenue Bonds, Rocketship Education ? Obligated Group, Series 2016A, 5.000%, 6/01/36	6/25 at 100.00	N/R	767,395
80	California State, General Obligation Bonds, Series 2002, 5.000%, 10/01/32 – NPMG Insured	10/16 at 100.00	AA-	80,301
5	California State, General Obligation Bonds, Series 2004, 5.000%, 4/01/31 – AMBAC Insured California State, General Obligation Bonds, Various Purpose Series 2007:	10/16 at 100.00	AA-	5,019
9,730	5.000%, 6/01/37 (Pre-refunded 6/01/17)	6/17 at 100.00	Aaa	10,104,021
6,270	5.000%, 6/01/37 (Pre-refunded 6/01/17) California State, General Obligation Bonds, Various Purpose Series 2010:	6/17 at 100.00	Aaa	6,511,019
3,500	5.250%, 3/01/30	3/20 at 100.00	AA-	4,004,385
10,000	5.500%, 11/01/35	11/20 at 100.00	AA-	11,783,100
18,710	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.500%, 12/01/54	12/24 at 100.00	BB+	21,866,751

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A:			
11,185	5.000%, 12/01/46	6/26 at 100.00	BB+	12,862,191
20,170	5.250%, 12/01/56	6/26 at 100.00	BB+	23,542,827
4,000	California Statewide Communities Development Authority, Revenue Bonds, Huntington Memorial Hospital, Refunding Series 2014B, 4.000%, 7/01/39			
7,000	California Statewide Communities Development Authority, Revenue Bonds, Sutter Health, Series 2011A, 6.000%, 8/15/42	8/20 at 100.00	AA-	8,417,850
1,000	California Statewide Community Development Authority, Revenue Bonds, Childrens Hospital of Los Angeles, Series 2007, 5.000%, 8/15/47 California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A:			
1,535	5.500%, 7/01/30 (6)	10/16 at 100.00	CCC	1,535,015
4,430	5.500%, 7/01/35 (6)	10/16 at 100.00	CCC	4,430,044
3,600	California Statewide Community Development Authority, Revenue Bonds, St. Joseph Health System, Series 2007A, 5.750%, 7/01/47 – FGIC Insured			
5,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Series 2001A, 0.000%, 8/01/25 – FGIC Insured (ETM)	No Opt. Call	AA+ (4)	4,333,150
3,400	Coachella Valley Unified School District, Riverside County, California, General Obligation Bonds, Election 2005 Series 2010C, 0.000%, 8/01/33 – AGM Insured			
14,345	Corona-Norco Unified School District, Riverside County, California, General Obligation Bonds, Capital Appreciation, Election 2006 Refunding Series 2009C, 0.000%, 8/01/39 – AGM Insured El Rancho Unified School District, Los Angeles County, California, General Obligation Bonds, Election 2010 Series 2011A:			
2,615	0.000%, 8/01/31 – AGM Insured (7)	8/28 at 100.00	A2	2,508,282
3,600	0.000%, 8/01/34 – AGM Insured (7)	8/28 at 100.00	A2	3,415,536
	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2015A:			
3,960	0.000%, 1/15/34 – AGM Insured	No Opt. Call	AA	2,237,994
5,000	0.000%, 1/15/35 – AGM Insured	No Opt. Call	AA	2,725,000
	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds,			

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Refunding Series 2013A:				
910	6.850%, 1/15/42	1/31 at 100.00	BBB-	811,010
3,610	5.750%, 1/15/46	1/24 at 100.00	BBB-	4,330,592
6,610	6.000%, 1/15/49	1/24 at 100.00	BBB-	8,025,267
2,425	Fullerton Public Financing Authority, California, Tax Allocation Revenue Bonds, Series 2005, 5.000%, 9/01/27 – AMBAC Insured Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:	3/17 at 100.00	A	2,434,385
26,875	4.500%, 6/01/27	6/17 at 100.00	B	27,356,331
26,455	5.000%, 6/01/33	6/17 at 100.00	B-	26,662,143
1,155	5.750%, 6/01/47	6/17 at 100.00	B-	1,178,481
8,440	5.125%, 6/01/47	6/17 at 100.00	B-	8,442,110
1,520	Hayward Redevelopment Agency, California, Downtown Redevelopment Project Tax Allocation Bonds, Series 2006, 5.000%, 3/01/36 – SYNCORA GTY Insured Kern Community College District, California, General Obligation Bonds, Safety, Repair & Improvement, Election 2002 Series 2006:	10/16 at 100.00	A	1,524,803
5,600	0.000%, 11/01/24 – AGM Insured	No Opt. Call	AA	4,765,152
5,795	0.000%, 11/01/25 – AGM Insured	No Opt. Call	AA	4,787,076
1,195	Lincoln Public Financing Authority, Placer County, California, Twelve Bridges Limited Obligation Revenue Bonds, Refunding Series 2011A, 4.375%, 9/02/25 – AGM Insured	9/21 at 100.00	AA	1,339,499
5,000	Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2007A, 4.500%, 1/01/28 – NPMFG Insured	7/17 at 100.00	Aa2	5,181,150
7,575	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/43 (7)	8/35 at 100.00	AA	6,665,546
3,300	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009B, 6.500%, 11/01/39	No Opt. Call	A	4,921,026
3,290	Murrieta Valley Unified School District Public Financing Authority, California, Special Tax Revenue Bonds, Series 2006A, 5.125%, 9/01/26 (Pre-refunded 9/01/16) – AGM Insured Oceanside Unified School District, San Diego County, California, General Obligation Bonds, Capital Appreciation, 2008 Election Series 2009A:	9/16 at 100.00	AA (4)	3,303,785

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

5,905	0.000%, 8/01/26 – AGC Insured	No Opt. Call	AA	4,662,234
2,220	0.000%, 8/01/28 – AGC Insured	No Opt. Call	AA	1,629,480
2,735	Ontario Redevelopment Financing Authority, San Bernardino County, California, Revenue Bonds, Redevelopment Project 1, Series 1993, 5.850%, 8/01/22 – NPMFG Insured (ETM) Orange County, California, Special Tax Bonds, Community Facilities District 2015-1 Esencia Village, Series 2015A:	10/16 at 100.00	AA– (4)	2,983,065
4,000	4.250%, 8/15/38	8/25 at 100.00	N/R	4,462,720
675	5.250%, 8/15/45	8/25 at 100.00	N/R	805,133
5,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 6.000%, 11/01/30	11/20 at 100.00	Ba1	5,438,350
3,700	Palomar Pomerado Health, California, General Obligation Bonds, Capital Appreciation, Election of 2004, Series 2007A, 0.000%, 8/01/25 – NPMFG Insured	No Opt. Call	AA–	2,931,399
7,875	Palomar Pomerado Health, California, General Obligation Bonds, Series 2009A, 0.000%, 8/01/38 – AGC Insured (7)	8/29 at 100.00	AA	9,674,989
9,145	Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos Community Development Project, Series 1999, 0.000%, 8/01/30 – AMBAC Insured	No Opt. Call	A+	6,178,819
4,150	Placentia-Yorba Linda Unified School District, Orange County, California, Certificates of Participation, Refunding Series 2011, 0.000%, 10/01/28 – AGM Insured (7)	10/25 at 100.00	AA	4,860,314
6,000	Redlands Unified School District, San Bernardino County, California, General Obligation Bonds, Series 2003, 5.000%, 7/01/26 – AGM Insured	10/16 at 100.00	AA	6,022,680
670	Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/48 San Clemente, California, Special Tax Revenue Bonds, Community Facilities District 2006-1 Marblehead Coastal, Series 2015:	6/23 at 100.00	BBB–	798,674
495	5.000%, 9/01/40	9/25 at 100.00	N/R	573,799
250	5.000%, 9/01/46	9/25 at 100.00	N/R	288,830
1,830	San Diego Public Facilities Financing Authority, California, Water Utility Revenue Bonds, Tender Option Bond Trust 2015-XF0098, 18.692%, 2/01/33 (Pre-refunded 8/01/19) (IF)	8/19 at 100.00	AA (4)	2,890,924
4,000	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Governmental Purpose, Second Series 2013B, 5.000%, 5/01/43	5/23 at 100.00	A+	4,724,160

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

66,685	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Senior Lien Toll Road Revenue Bonds, Series 1993, 0.000%, 1/01/21 (ETM) San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A:	No Opt. Call	Aaa	63,990,259
2,680	5.000%, 1/15/44	1/25 at 100.00	BBB-	3,130,213
8,275	5.000%, 1/15/50	1/25 at 100.00	BBB-	9,610,916
7,210	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Series 1997A, 0.000%, 1/15/23 – NPMF Insured	No Opt. Call	AA-	6,207,738
37,040	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2006C, 4.250%, 8/01/30 – NPMF Insured	8/17 at 100.00	AA-	38,109,715
4,175	San Mateo County Community College District, California, General Obligation Bonds, Series 2006C, 0.000%, 9/01/30 – NPMF Insured	No Opt. Call	AAA	3,018,692
4,325	San Ysidro School District, San Diego County, California, General Obligation Bonds, 1997 Election Series 2012G, 0.000%, 8/01/34 – AGM Insured	No Opt. Call	AA	2,338,268
5,690	San Ysidro School District, San Diego County, California, General Obligation Bonds, Refunding Series 2015, 0.000%, 8/01/42	No Opt. Call	AA	1,819,548
5,625	Santa Ana Financing Authority, California, Lease Revenue Bonds, Police Administration and Housing Facility, Series 1994A, 6.250%, 7/01/24	No Opt. Call	AA-	7,185,994
5,625	Santa Ana Financing Authority, California, Lease Revenue Bonds, Police Administration and Housing Facility, Series 1994A, 6.250%, 7/01/24 (ETM)	No Opt. Call	AA- (4)	7,169,119
3,500	Saugus Union School District, Los Angeles County, California, General Obligation Bonds, Series 2006, 0.000%, 8/01/23 – FGIC Insured	No Opt. Call	Aa2	3,058,825
4,275	Sequoia Union High School District, San Mateo County, California, General Obligation Bonds, Series 2006, 3.500%, 7/01/29 – AGM Insured (Pre-refunded 9/22/16)	9/16 at 100.00	Aa1 (4)	4,280,344
4,495	Stockton-East Water District, California, Certificates of Participation, Refunding Series 2002B, 0.000%, 4/01/28 – FGIC Insured Tobacco Securitization Authority of Northern California, Tobacco Settlement Asset-Backed Bonds, Series 2005A-1:	10/16 at 100.00	AA-	2,227,228
1,220	4.750%, 6/01/23	10/16 at 100.00	B+	1,220,598
1,500	5.500%, 6/01/45 Tobacco Securitization Authority of Southern California, Tobacco Settlement Asset-Backed	10/16 at 100.00	B-	1,500,105

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Bonds, San Diego County Tobacco Asset Securitization Corporation, Senior Series 2006A:				
1,240	4.750%, 6/01/25	10/16 at 100.00	BBB	1,259,852
5,865	5.125%, 6/01/46	10/16 at 100.00	B+	5,865,469
595,140	Total California Colorado – 8.0% (5.2% of Total Investments) Arkansas River Power Authority, Colorado, Power Revenue Bonds, Series 2006:			614,075,463
750	5.250%, 10/01/32 – SYNCORA GTY Insured	10/16 at 100.00	BBB–	754,020
1,080	5.250%, 10/01/40 – SYNCORA GTY Insured	10/16 at 100.00	BBB–	1,085,465
195	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2014, 5.000%, 12/01/43	12/23 at 100.00	BB+	210,606
1,180	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Flagstaff Academy Project, Refunding Series 2016, 3.625%, 8/01/46	8/26 at 100.00	A	1,200,355
1,165	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, James Irwin Educational Foundation Project, Refunding & Improvement Series 2007, 5.000%, 12/01/38	12/24 at 100.00	A	1,365,730
7,430	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Vanguard School Project, Refunding & Improvement Series 2016, 3.750%, 6/15/47	6/26 at 100.00	A	7,655,278
2,000	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Weld County School District 6 – Frontier Academy, Refunding & Improvement Series 2016, 3.250%, 6/01/46	6/26 at 100.00	A	2,002,620
1,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2006A: 5.000%, 9/01/36	9/16 at 100.00	A–	1,505,700
3,350	4.500%, 9/01/38	9/16 at 100.00	A–	3,361,022
3,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2011A, 5.000%, 2/01/41	2/21 at 100.00	A–	3,337,320
11,520	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	A–	13,244,890
1,640	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Covenant Retirement Communities Inc., Refunding Series 2012B: 5.000%, 12/01/22	No Opt. Call	BBB+	1,933,724

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

2,895	5.000%, 12/01/23	12/22 at 100.00	BBB+	3,385,442
4,200	5.000%, 12/01/24	12/22 at 100.00	BBB+	4,886,952
	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013A:			
1,410	5.000%, 6/01/32	No Opt. Call	A-	1,629,241
2,000	5.000%, 6/01/33	No Opt. Call	A-	2,305,940
5,855	5.000%, 6/01/40	No Opt. Call	A-	6,711,528
5,145	5.000%, 6/01/45	No Opt. Call	A-	5,897,662
	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013:			
690	5.500%, 6/01/33	6/23 at 100.00	BBB+	823,908
720	5.625%, 6/01/43	6/23 at 100.00	BBB+	864,871
1,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Poudre Valley Health System, Series 2005C, 5.250%, 3/01/40 – AGM Insured	9/18 at 102.00	AA	1,090,540
11,830	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA-	13,185,127
1,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Valley View Hospital Association, Series 2007, 5.250%, 5/15/42	5/17 at 100.00	A-	1,547,805
2,540	Commerce City Northern Infrastructure General Improvement District, Colorado, General Obligation Bonds, Refunding & Improvement Series 2013, 5.000%, 12/01/25 – AGM Insured	12/22 at 100.00	AA	3,078,150
500	Copperleaf Metropolitan District 2, Arapahoe County, Colorado, General Obligation Bonds, Refunding Limited Tax Convertible to Unlimited Tax Series 2015, 5.750%, 12/01/45	12/20 at 103.00	N/R	536,735
500	Copperleaf Metropolitan District 2, Colorado, General Obligation Limited Tax Bonds, Series 2006, 5.250%, 12/01/30	12/20 at 103.00	N/R	535,690
500	Crystal Crossing Metropolitan District, Colorado, General Obligation Limited Tax Bonds, Refunding Series 2016, 5.250%, 12/01/40	12/25 at 100.00	N/R	516,055
10,640	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	12,496,254
1,000	Denver, Colorado, Airport System Revenue Bonds, Series 2006, 5.000%, 11/15/24 – FGIC Insured	11/16 at 100.00	AA-	1,013,240
5,365	Denver, Colorado, Airport System Revenue Bonds, Series 2006A, 5.000%, 11/15/23 – FGIC Insured UB)	11/16 at 100.00	AA-	5,436,140
1,085			AA-	1,142,288

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Denver, Colorado, Airport System Revenue Bonds, Trust 2365, 11/16 at 15.037%, 11/15/25 – FGIC Insured (IF)	100.00		
11,700	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Capital Appreciation Series 2010A, 0.000%, 9/01/41	No Opt. Call	A3	5,310,045
35,995	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 1997B: 0.000%, 9/01/23 – NPMF Insured	No Opt. Call	AA–	30,877,591
6,525	0.000%, 9/01/26 – NPMF Insured	No Opt. Call	AA–	5,131,717
17,030	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B: 0.000%, 9/01/25 – NPMF Insured	No Opt. Call	AA–	13,765,690
9,910	0.000%, 9/01/32 – NPMF Insured	No Opt. Call	AA–	6,230,913
43,020	0.000%, 9/01/33 – NPMF Insured	No Opt. Call	AA–	26,103,245
20,000	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004A: 0.000%, 9/01/27 – NPMF Insured	No Opt. Call	AA–	15,169,800
1,150	0.000%, 9/01/28 – NPMF Insured	No Opt. Call	AA–	833,371
7,000	0.000%, 9/01/34 – NPMF Insured	No Opt. Call	AA–	4,081,140
	Eagle River Water and Sanitation District, Eagle County, Colorado, Enterprise Wastewater Revenue Bonds, Series 2012:			
400	5.000%, 12/01/32	No Opt. Call	A+	474,240
1,000	3.000%, 12/01/32	No Opt. Call	A+	1,028,410
500	Erie Highlands Metropolitan District No. 1 (In the Town of Erie), Weld County, Colorado, General Obligation Limited Tax Bonds, Series 2015A, 5.750%, 12/01/45	12/20 at 103.00	N/R	519,280
500	Flatiron Meadows Metropolitan District, Boulder County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.125%, 12/01/46	12/21 at 103.00	N/R	513,965
590	Foothills Metropolitan District, Fort Collins, Colorado, Special Revenue Bonds, Series 2014, 6.000%, 12/01/38	12/24 at 100.00	N/R	649,726
1,125	Great Western Park Metropolitan District 2, Broomfield City and County, Colorado, General Obligation Bonds, Series 2016A, 5.000%, 12/01/46	12/21 at 103.00	N/R	1,163,284
500	Green Gables Metropolitan District No. 1, Jefferson County, Colorado, General Obligation Bonds, Series 2016A, 5.300%, 12/01/46	12/21 at 103.00	N/R	514,385
3,740	Jefferson Center Metropolitan District 1, Arvada, Jefferson County, Colorado, Revenue Bonds, Refunding Series 2015, 5.500%, 12/01/45	12/20 at 103.00	N/R	3,885,523
	Johnstown Plaza Metropolitan District, Colorado, Special Revenue Bonds, Series 2016A:			
2,325	5.250%, 12/01/36 (WI/DD, Settling 8/02/16)	12/21 at 103.00	N/R	2,297,635
8,955	5.375%, 12/01/46 (WI/DD, Settling 8/02/16)	12/21 at 103.00	N/R	8,829,003

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Lambertson Farms Metropolitan District 1, Colorado, Revenue Bonds, Refunding & Improvement Series 2015:				
1,005	5.750%, 12/15/46	12/23 at 100.00	N/R	1,042,054
5,355	6.000%, 12/15/50	12/23 at 100.00	N/R	5,550,618
980	Leyden Rock Metropolitan District No. 10, In the City of Arvada, Colorado, Limited Tax General Obligation Bonds, Refunding and Improvement Series 20016A, 5.000%, 12/01/45	12/21 at 103.00	N/R	1,009,233
500	Littleton Village Metropolitan District No. 2, Colorado, Limited Tax General Obligation and Special Revenue Bonds, Series 2015, 5.375%, 12/01/45	12/20 at 103.00	N/R	518,635
860	Mountain Shadows Metropolitan District, Colorado, General Obligation Limited Tax Bonds, Refunding Series 2016, 5.000%, 12/01/35	12/25 at 100.00	Baa1	909,381
6,305	North Range Metropolitan District 1, Adams County, Colorado, General Obligation Bonds, Series 2016B, 3.500%, 12/01/45	12/25 at 100.00	N/R	6,337,282
585	Overlook Metropolitan District in the Town of Parker, Douglas County, Colorado, General Obligation Limited Tax Bonds, Series 2016A, 5.500%, 12/01/46	12/21 at 103.00	BBB	594,138
660	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Bonds, Refunding Series 2015A, 5.000%, 12/01/45	12/25 at 100.00	N/R	772,655
880	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Refunding Bonds, Series 2011, 6.125%, 12/01/41 (Pre-refunded 12/01/20) – AGM Insured	12/20 at 100.00	AA (4)	1,072,060
5,435	Poudre Tech Metro District, Colorado, Unlimited Property Tax Supported Revenue Bonds, Refunding & Improvement Series 2010A, 5.000%, 12/01/39 – AGM Insured	12/20 at 100.00	AA	6,049,427
1,180	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31 Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:	6/20 at 100.00	Aa3	1,355,289
6,500	6.500%, 1/15/30	7/20 at 100.00	BBB+	7,697,105
3,750	6.000%, 1/15/41	7/20 at 100.00	BBB+	4,351,875
1,280	Sierra Ridge Metropolitan District 2, Douglas County, Colorado, General Obligation Bonds, Limited Tax Series 2016A, 5.500%, 12/01/46 Sterling Ranch Community Authority Board, Douglas County, Colorado, Limited Tax Supported Revenue Bonds, Senior Series 2015A:	12/21 at 103.00	N/R	1,356,685

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

500	5.500%, 12/01/35	12/20 at 103.00	N/R	515,410
1,000	5.750%, 12/01/45	12/20 at 103.00	N/R	1,032,010
500	Table Mountain Metropolitan District, Jefferson County, Colorado, Limited Tax General Obligation Bonds, Series 2016A, 5.250%, 12/01/45	12/21 at 103.00	N/R	517,190
8,500	University of Colorado Hospital Authority, Colorado, Revenue Bonds, Series 2012A, 5.000%, 11/15/42	11/22 at 100.00	AA-	10,000,845
311,925	Total Colorado Connecticut – 0.5% (0.3% of Total Investments) Connecticut Health and Educational Facilities Authority, Revenue Bonds, Healthcare Facility Expansion Church Home of Hartford Inc. Project, Series 2016A:			282,801,153
590	5.000%, 9/01/46	9/26 at 100.00	BB	656,086
740	5.000%, 9/01/53	9/26 at 100.00	BB	814,466
10,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Quinnipiac University, Refunding Series 2015L, 4.125%, 7/01/41	7/25 at 100.00	A-	11,005,000
3,250	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Wesleyan University, Series 2010G, 5.000%, 7/01/39 (Pre-refunded 7/01/20)	7/20 at 100.00	AA (4)	3,784,918
14,580	Total Connecticut Delaware – 0.0% (0.0% of Total Investments)			16,260,470
225	Delaware Economic Development Authority, Revenue Bonds, Newark Charter School, Refunding Series 2016A, 5.000%, 9/01/36	9/26 at 100.00	BBB	262,424
3,780	District of Columbia – 1.4% (0.9% of Total Investments) District of Columbia Student Dormitory Revenue Bonds, Provident Group – Howard Properties LLC Issue, Series 2013, 5.000%, 10/01/45	10/22 at 100.00	BB+	3,852,387
8,180	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2001, 6.500%, 5/15/33	No Opt. Call	Baa1	10,151,544
124,000	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 0.000%, 6/15/46	10/16 at 100.00	N/R	16,710,240
6,810	District of Columbia, Revenue Bonds, Georgetown University, Series 2007A, 4.500%, 4/01/42 – AMBAC Insured	4/17 at 100.00	A	6,961,795
11,750	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Senior Lien Refunding Series 2007A, 4.500%, 10/01/36 (Pre-refunded 10/01/16) – AMBAC Insured	10/16 at 100.00	AA+ (4)	11,832,015
154,520	Total District of Columbia Florida – 7.5% (4.8% of Total Investments)			49,507,981

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

450	Alachua County Health Facilities Authority, Florida, Revenue Bonds, Shands Teaching Hospital and Clinics Inc., Series 1996A, 6.250%, 12/01/16 – NPFG Insured	No Opt. Call	AA–	457,884
1,250	Bay County, Florida, Water System Revenue Bonds, Refunding Series 2005, 5.000%, 9/01/24 – AMBAC Insured	10/16 at 100.00	Aa3	1,254,725
990	Bexley Community Development District, Pasco County, Florida, Special Assessment Revenue Bonds, Series 2016, 4.700%, 5/01/36	5/26 at 100.00	N/R	1,015,720
4,000	Broward County, Florida, Professional Sports Facilities Tax and Revenue Bonds, Broward County Civic Arena Project, Refunding Series 2006A, 5.000%, 9/01/28 – AMBAC Insured	No Opt. Call	AA	4,014,920
19,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA	22,255,840
7,000	Citizens Property Insurance Corporation, Florida, Personal and Commercial Lines Account Bonds, Senior Secured Series 2012A-1, 5.000%, 6/01/22	No Opt. Call	AA–	8,457,960
4,670	City of Miami Beach, Florida, Stormwater Revenue Bonds, Series 2015, 5.000%, 9/01/41	9/25 at 100.00	AA–	5,563,651
1,025	Cityplace Community Development District, Florida, Special Assessment and Revenue Bonds, Refunding Series 2012, 5.000%, 5/01/26	No Opt. Call	A	1,218,879
5,110	Clay County, Florida, Utility System Revenue Bonds, Series 2007: 5.000%, 11/01/27 – AGM Insured (Pre-refunded 11/01/17) (UB)	11/17 at 100.00	AA (4)	5,397,949
12,585	5.000%, 11/01/32 – AGM Insured (Pre-refunded 11/01/17) (UB)	11/17 at 100.00	AA (4)	13,294,165
1,480	Collier County Educational Facilities Authority, Florida, Revenue Bonds, Hodges University, Refunding Series 2013, 6.125%, 11/01/43	11/23 at 100.00	BBB–	1,719,553
245	Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series 2016A-1: 5.250%, 11/01/37	11/28 at 100.00	N/R	250,091
320	5.600%, 11/01/46	11/28 at 100.00	N/R	327,962
685	Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series 2016A-2, 5.625%, 11/01/35	No Opt. Call	N/R	712,023
3,445	Davie, Florida, Educational Facilities Revenue Bonds, Nova Southeastern University Project, Refunding Series 2013A: 6.000%, 4/01/42	4/23 at 100.00	A–	4,205,312
1,720	5.625%, 4/01/43	4/23 at 100.00	A–	2,050,704

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

4,000	Davie, Florida, Water and Sewerage Revenue Bonds, Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA	4,557,200
	Downtown Doral Community Development District, Florida, Special Assessment Bonds, Series 2015:			
280	5.250%, 5/01/35	5/26 at 100.00	N/R	295,753
315	5.300%, 5/01/36	5/26 at 100.00	N/R	332,933
475	5.500%, 5/01/45	5/26 at 100.00	N/R	501,790
655	5.500%, 5/01/46	5/26 at 100.00	N/R	690,894
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Florida Charter Foundation Inc. Projects, Series 2016A:			
2,075	4.750%, 7/15/36 (WI/DD, Settling 8/10/16)	7/26 at 100.00	N/R	2,053,835
1,335	5.000%, 7/15/46 (WI/DD, Settling 8/10/16)	7/26 at 100.00	N/R	1,345,974
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School Income Projects, Series 2015A:			
3,090	6.000%, 6/15/35	6/25 at 100.00	N/R	3,288,625
1,910	6.125%, 6/15/46	6/25 at 100.00	N/R	2,032,183
555	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School, Inc. Projects, Series 2014A, 6.125%, 6/15/44	6/24 at 100.00	N/R	584,371
75	Florida Municipal Loan Council, Revenue Bonds, Series 2001A, 5.250%, 11/01/18	No Opt. Call	A3	75,296
	Florida Municipal Loan Council, Revenue Bonds, Series 2003B:			
165	5.250%, 12/01/17	10/16 at 100.00	AA–	165,629
100	5.250%, 12/01/18	10/16 at 100.00	AA–	100,394
2,550	Florida State Board of Education, Public Education Capital Outlay Bonds, Tender Option Bond Trust Series 2016-XF2347, 16.901%, 6/01/38 – AGC Insured (IF) (5)	6/18 at 101.00	AAA	3,448,442
1,710	Grand Bay at Doral Community Development District, Miami-Dade County, Florida, Special Assessment Bonds, South Parcel Assessment Area Project, Series 2016, 4.750%, 5/01/36	5/26 at 100.00	N/R	1,759,795
1,915	Halifax Hospital Medical Center, Daytona Beach, Florida, Hospital Revenue Bonds, Series 2006, 5.500%, 6/01/38 (Pre-refunded 6/01/18) – AGM Insured	6/18 at 100.00	AA (4)	2,083,673
3,795	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Subordinate Lien Series 2015B, 5.000%, 10/01/35	10/24 at 100.00	A+	4,473,774

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

1,590	Hillsborough County Industrial Development Authority, Florida, Industrial Development Revenue Bonds, University Community Hospital, Series 1994, 6.500%, 8/15/19 – NPMFG Insured (ETM) Indian Trace Development District, Florida, Water Management Special Benefit Assessment Bonds, Series 2005:	No Opt. Call	Aaa	1,731,160
1,645	5.000%, 5/01/25 – NPMFG Insured	5/17 at 100.00	A3	1,667,454
1,830	5.000%, 5/01/27 – NPMFG Insured	5/17 at 100.00	A3	1,854,888
600	Jacksonville, Florida, Better Jacksonville Sales Tax Revenue Bonds, Refunding Series 2012, 5.000%, 10/01/30	10/22 at 100.00	A+	713,214
1,000	Lakeland, Florida, Hospital System Revenue Bonds, Lakeland Regional Health, Refunding Series 2011, 5.000%, 11/15/25	11/21 at 100.00	A2	1,169,360
1,000	Lee Memorial Health System, Florida, Hospital Revenue Bonds, Series 2007A, 5.000%, 4/01/32 – NPMFG Insured	4/17 at 100.00	AA–	1,024,530
3,000	Leesburg, Florida, Utility System Revenue Bonds, Series 2007A, 5.000%, 10/01/37 (Pre-refunded 10/01/17) – NPMFG Insured	10/17 at 100.00	AA– (4)	3,157,920
4,125	Martin County Health Facilities Authority, Florida, Hospital Revenue Bonds, Martin Memorial Medical Center, Series 2015, 5.000%, 11/15/45	11/24 at 100.00	BBB+	4,747,875
5,465	Miami Dade County, Florida, Rickenbacker Causeway Revenue Bonds, Series 2014, 5.000%, 10/01/43	10/24 at 100.00	BBB+	6,328,962
1,545	Miami, Florida, Special Obligation Non-Ad Valorem Revenue Bonds, Refunding Series 2011A, 6.000%, 2/01/31 – AGM Insured	2/21 at 100.00	AA	1,849,535
5,000	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Refunding Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	A	5,885,400
1,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Refunding Series 2014B, 5.000%, 10/01/37	10/24 at 100.00	A	1,205,870
10,085	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2008B, 5.000%, 10/01/41 – AGM Insured	10/18 at 100.00	AA	10,920,542
2,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010A-1, 5.375%, 10/01/41	10/20 at 100.00	A	2,876,900
2,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010B, 5.000%, 10/01/30	10/20 at 100.00	A	2,874,700
2,400	Miami-Dade County, Florida, Special Obligation Bonds, Refunding Subordinate Series 2012B, 5.000%, 10/01/37	10/22 at 100.00	A+	2,817,576
3,015			AA	3,243,115

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2008, 5.000%, 7/01/35 – AGM Insured	7/18 at 100.00		
6,305	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	Aa3	7,413,986
4,785	Northern Palm Beach County Improvement District, Florida, Water Control and Improvement Bonds, Development Unit 53, Series 2015, 5.350%, 8/01/35	8/26 at 100.00	N/R	4,992,143
4,250	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Orlando Health, Inc., Series 2012A, 5.000%, 10/01/42	4/22 at 100.00	A	4,691,320
1,000	Orange County School Board, Florida, Certificates of Participation, Series 2007A, 5.000%, 8/01/27 (Pre-refunded 8/01/17) – FGIC Insured	8/17 at 100.00	AA (4)	1,044,480
2,500	Orange County, Florida, Tourist Development Tax Revenue Bonds, Series 2006, 5.000%, 10/01/31 (Pre-refunded 10/01/16) – SYNCORA GTY Insured	10/16 at 100.00	AA (4)	2,519,700
5,000	Orlando, Florida, Contract Tourist Development Tax Payments Revenue Bonds, Series 2014A, 5.000%, 11/01/44	5/24 at 100.00	AA+	5,934,250
230	Palm Beach County Health Facilities Authority, Florida, Revenue Bonds, Sinai Residences of Boca Raton Project, Series 2014A, 7.250%, 6/01/34	6/22 at 102.00	N/R	283,268
3,000	Palm Beach County School Board, Florida, Certificates of Participation, Series 2007E, 5.000%, 8/01/27 (Pre-refunded 8/01/17) – NPFPG Insured	8/17 at 100.00	AA– (4)	3,136,260
60	Pasco County, Florida, Water and Sewer Revenue Bonds, Refunding Series 2006, 5.000%, 10/01/36 – AGM Insured	10/16 at 100.00	AA+	60,224
3,590	Port Saint Lucia, Florida, Special Assessment Revenue Bonds, Southwest Annexation District 1B, Series 2007, 5.000%, 7/01/33 – NPFPG Insured	7/17 at 100.00	AA–	3,728,754
	Port St. Lucie, Florida, Utility System Revenue Bonds, Refunding Series 2009:			
5,450	5.250%, 9/01/35 – AGC Insured	9/18 at 100.00	AA	5,941,808
8,530	5.000%, 9/01/35 – AGC Insured	9/18 at 100.00	AA	9,250,188
840	Reunion West Community Development District, Florida, Special Assessment Bonds, Area 3 Project, Series 2016, 5.000%, 11/01/46	11/26 at 100.00	N/R	857,514
5,190	Seminole County, Florida, Water and Sewer Revenue Bonds, Refunding & Improvement Series 1992, 6.000%, 10/01/19 – NPFPG Insured (ETM)	No Opt. Call	Aa2 (4)	5,628,970
	Six Mile Creek Community Development District, Florida, Capital Improvement Revenue Bonds, Assessment Area 2, Series 2016:			
265	4.750%, 11/01/28	11/27 at 100.00	N/R	273,146
440	5.375%, 11/01/36		N/R	451,365

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		11/27 at 100.00		
1,010	South Fork III Community Development District, Florida, Special Assessment Revenue Bonds, Refunding Series 2016, 5.375%, 5/01/37	5/27 at 100.00	N/R	1,043,684
1,000	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (5)	8/17 at 100.00	AA-	1,035,490
1,200	St. Lucie County, Florida, Utility System Revenue Refunding Bonds, Series 1993, 5.500%, 10/01/21 – FGIC Insured (ETM)	No Opt. Call	N/R (4)	1,462,380
8,060	Tallahassee, Florida, Health Facilities Revenue Bonds, Tallahassee Memorial HealthCare Inc. Project, Series 2016A, 5.000%, 12/01/55	12/25 at 100.00	Baa1	9,389,175
400	Tamarac, Florida, Utility System Revenue Bonds, Series 2009, 5.000%, 10/01/39 – AGC Insured	10/19 at 100.00	AA	443,992
4,100	Tampa, Florida, Health System Revenue Bonds, Baycare Health System, Series 2012A, 5.000%, 11/15/33	5/22 at 100.00	Aa2	4,803,355
1,455	Tampa, Florida, Healthcare System Revenue Bonds, Allegany Health System – St. Joseph’s Hospital, Series 1993, 5.125%, 12/01/23 – NPMFG Insured (ETM)	10/16 at 100.00	Aaa	1,492,946
10,095	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Refunding Series 2012B, 5.000%, 7/01/42	No Opt. Call	A	11,723,223
2,000	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Embry-Riddle Aeronautical University, Inc. Project, Refunding Series 2011, 5.000%, 10/15/29 – AGM Insured	10/21 at 100.00	AA	2,327,480
5,000	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Stetson University Inc. Project, Series 2015, 5.000%, 6/01/40	6/25 at 100.00	A-	5,916,000
12,000	Volusia County School Board, Florida, Certificates of Participation, Master Lease Program Series 2007, 5.000%, 8/01/32 (Pre-refunded 8/01/17) – AGM Insured	8/17 at 100.00	Aa3 (4)	12,542,640
235,030	Total Florida Georgia – 3.0% (2.0% of Total Investments)			262,444,641
17,000	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B, 5.375%, 11/01/39 – AGM Insured	11/19 at 100.00	AA	19,221,050
3,060	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2015, 5.000%, 11/01/31	5/25 at 100.00	AA-	3,799,418
2,825	Cherokee County Water and Sewerage Authority, Georgia, Revenue Bonds, Refunding Series 2007, 4.000%, 8/01/26	8/20 at 100.00	AA	3,101,257
2,000	City of Fairburn, Georgia, General Obligation Bonds, Series 2011, 5.750%, 12/01/31 – AGM Insured	12/21 at 100.00	AA	2,426,860

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

4,000	Cobb County Kennestone Hospital Authority, Georgia, Revenue Anticipation Certificates, Refunding Series 2012, 5.000%, 4/01/28	4/23 at 100.00	A	4,807,520
1,250	DeKalb County Hospital Authority, Georgia, Anticipation Certificates Revenue Bonds, DeKalb Medical Center, Inc. Project, Series 2010, 6.000%, 9/01/30 Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010B:	9/20 at 100.00	BBB-	1,454,163
5,000	5.250%, 2/15/37	2/20 at 100.00	AA-	5,591,100
4,050	5.125%, 2/15/40	2/20 at 100.00	AA-	4,489,749
15,305	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2014A, 5.500%, 8/15/54	2/25 at 100.00	AA-	19,002,841
10,825	Georgia Municipal Electric Authority, Plant Vogtle Units 3 & 4 Project J Bonds, Series 2015A, 5.000%, 7/01/60	7/25 at 100.00	A+	12,696,751
2,250	Gwinnett County Hospital Authority, Georgia, Revenue Anticipation Certificates, Gwinnett Hospital System Inc. Project, Series 2007C, 5.500%, 7/01/39 – AGM Insured	7/19 at 100.00	A+	2,504,970
7,030	Gwinnett County School District, Georgia, General Obligation Bonds, Series 2008, 5.000%, 2/01/36 (Pre-refunded 2/01/18)	2/18 at 100.00	AAA	7,501,502
5,000	Medical Center Hospital Authority, Georgia, Revenue Anticipation Certificates, Columbus Regional Healthcare System, Inc. Project, Series 2008, 6.500%, 8/01/38 – AGC Insured	8/18 at 100.00	AA	5,516,200
1,000	Private Colleges and Universities Authority, Georgia, Revenue Bonds, Mercer University, Refunding Series 2012C, 5.250%, 10/01/27	10/22 at 100.00	Baa2	1,182,860
10,090	Private Colleges and Universities Authority, Georgia, Revenue Bonds, Mercer University, Series 2015, 5.000%, 10/01/40	10/25 at 100.00	Baa2	11,653,446
1,710	Valdosta and Lowndes County Hospital Authority, Georgia, Revenue Certificates, South Georgia Medical Center Project, Series 2011B, 5.000%, 10/01/41	10/21 at 100.00	Aa2	1,938,336
92,395	Total Georgia Guam – 0.0% (0.0% of Total Investments)			106,888,023
650	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2013, 5.500%, 7/01/43 Hawaii – 0.4% (0.3% of Total Investments)	7/23 at 100.00	A-	760,169
1,500	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Chaminade University of Honolulu, Series 2015A, 5.000%, 1/01/45	1/25 at 100.00	BB+	1,570,245
5,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health	7/23 at 100.00	A1	6,052,200

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Obligated Group, Series 2013A, 5.500%, 7/01/43			
170	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.875%, 7/01/43	7/23 at 100.00	BB+	196,374
5,775	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Queens Health Systems, Series 2015A, 4.000%, 7/01/40	7/25 at 100.00	AA-	6,361,798
12,445	Total Hawaii			14,180,617
	Idaho – 0.3% (0.2% of Total Investments)			
	Idaho Health Facilities Authority, Revenue Bonds, Madison Memorial Hospital Project, Refunding Series 2016:			
200	3.500%, 9/01/33	9/26 at 100.00	BB+	199,740
250	5.000%, 9/01/37	9/26 at 100.00	BB+	289,468
8,980	Idaho Health Facilities Authority, Revenue Bonds, Saint Luke's Health System Project, Series 2012A, 5.000%, 3/01/47 – AGM Insured	3/22 at 100.00	A-	10,120,460
1,000	Idaho Health Facilities Authority, Revenue Bonds, Saint Luke's Health System Project, Series 2014A, 4.125%, 3/01/37	3/24 at 100.00	A-	1,073,370
10,430	Total Idaho			11,683,038
	Illinois – 19.2% (12.4% of Total Investments)			
	Bolingbrook, Illinois, General Obligation Bonds, Refunding Series 2013A:			
675	5.000%, 1/01/25	7/23 at 100.00	A2	800,489
1,170	5.000%, 1/01/26	7/23 at 100.00	A2	1,381,735
	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues Series 2011A:			
6,190	5.500%, 12/01/39	No Opt. Call 12/21 at 100.00	B+	5,953,604
1,865	5.000%, 12/01/41		B+	1,719,064
4,905	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues Series 2012A, 5.000%, 12/01/42	No Opt. Call	B+	4,514,415
2,720	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2008C, 5.000%, 12/01/29	No Opt. Call	B+	2,537,080
40,905	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2016A, 7.000%, 12/01/44	12/25 at 100.00	B+	43,372,390
1,315	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1, 0.000%, 12/01/30 – NPMFG Insured	No Opt. Call	AA-	716,241
2,235	Chicago Transit Authority, Illinois, Capital Grant Receipts Revenue Bonds, Federal Transit	6/21 at 100.00	AA	2,525,751

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Administration Section 5307 Urbanized Area Formula Funds, Refunding Series 2011, 5.250%, 6/01/26 – AGM Insured			
1,100	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	1,222,936
12,215	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2014, 5.250%, 12/01/49	No Opt. Call	AA	14,268,097
2,180	Chicago, Illinois, General Airport Revenue Bonds, O’Hare International Airport, Senior Lien Refunding Series 2013B, 5.000%, 1/01/26	1/23 at 100.00	A	2,618,834
7,700	Chicago, Illinois, General Airport Revenue Bonds, O’Hare International Airport, Third Lien Refunding Series 2010C, 5.250%, 1/01/35 – AGC Insured	1/20 at 100.00	AA	8,645,945
1,500	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999: 0.000%, 1/01/31 – NPMG Insured	No Opt. Call	AA–	828,915
32,670	0.000%, 1/01/32 – FGIC Insured	No Opt. Call	AA–	17,195,855
12,360	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	AA–	5,096,893
1,000	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2007A, 5.000%, 1/01/27 – AMBAC Insured	No Opt. Call	BBB+	1,013,340
2,500	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2014A, 5.250%, 1/01/33	1/24 at 100.00	BBB+	2,596,325
4,220	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2009C, 5.000%, 1/01/34	No Opt. Call	BBB+	4,259,457
1,000	Chicago, Illinois, General Obligation Bonds, Project Series 2011A, 5.250%, 1/01/35	No Opt. Call	BBB+	1,029,740
10,200	Chicago, Illinois, General Obligation Bonds, Project Series 2012A, 5.000%, 1/01/33	No Opt. Call	BBB+	10,403,286
2,605	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C, 5.000%, 1/01/38	1/26 at 100.00	BBB+	2,649,936
7,750	Chicago, Illinois, General Obligation Bonds, Series 2004A, 5.000%, 1/01/34 – AGM Insured	10/16 at 100.00	AA	7,776,583
3,000	Chicago, Illinois, Wastewater Transmission Revenue Bonds, Second Lien Series 2008C, 5.000%, 1/01/39	1/25 at 100.00	AA	3,443,550
9,940	Cook County Community College District 508, Illinois, General Obligation Bonds, Chicago City Colleges, Series 2013, 5.250%, 12/01/43	12/23 at 100.00	AA	11,410,027
3,500	Cook County Township High School District 225 Northfield, Illinois, General Obligation Bonds, Series 2007B, 0.000%, 12/01/23	12/16 at 72.44	AAA	2,527,000
6,160	De Witt, Ford, Livingston, Logan, Mc Lean and Tazewell Community College District 540, Illinois, General Obligation Bonds, Series 2007, 3.000%, 12/01/26 – AGM Insured	12/17 at 100.00	Aa2	6,189,322
	DeKalb, Kane, LaSalle, Lee, Ogle, Winnebago and Boone Counties Community College District 523,			

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Illinois, General Obligation Bonds, Kishwaukee Community College, Series 2011B:			
2,500	0.000%, 2/01/33	2/21 at 100.00	AA	1,006,775
2,000	0.000%, 2/01/34	2/21 at 100.00	AA	747,200
	Illinois Educational Facilities Authority, Revenue Bonds, Field Museum of Natural History, Series 2002:			
3,400	5.500%, 11/01/36	11/23 at 100.00	A2	3,904,968
2,500	4.450%, 11/01/36	11/25 at 102.00	A2	2,727,050
3,295	Illinois Educational Facilities Authority, Revenue Bonds, Robert Morris College, Series 2000, 5.800%, 6/01/30 – NPFG Insured	12/16 at 100.00	A3	3,337,341
595	Illinois Finance Authority, Charter School Revenue Bonds, Chicago Charter School Foundation, Series 2007, 5.000%, 12/01/36	12/16 at 100.00	BBB	598,237
	Illinois Finance Authority, Charter School Revenue Bonds, Intrinsic Charter Schools Belmont School Project, Series 2015A:			
1,700	5.750%, 12/01/35	12/25 at 100.00	N/R	1,753,363
115	6.000%, 12/01/45	12/25 at 100.00	N/R	119,078
6,500	Illinois Finance Authority, Recovery Zone Facility Revenue Bonds, Navistar International Corporation Project, Series 2010, 6.500%, 10/15/40	10/20 at 100.00	Caa1	6,535,945
5,750	Illinois Finance Authority, Revenue Bonds, Centegra Health System, Series 2012, 5.000%, 9/01/38	9/22 at 100.00	BBB	6,370,310
	Illinois Finance Authority, Revenue Bonds, Centegra Health System, Series 2014A:			
1,485	5.000%, 9/01/34	9/24 at 100.00	BBB	1,710,111
18,275	5.000%, 9/01/42	9/24 at 100.00	BBB	20,945,891
2,000	Illinois Finance Authority, Revenue Bonds, Children’s Memorial Hospital, Series 2008A, 5.250%, 8/15/47 – AGC Insured (UB)	8/18 at 100.00	AA	2,144,560
1,340	Illinois Finance Authority, Revenue Bonds, Edward Health Services Corporation, Series 2008A, 5.500%, 2/01/40 – AMBAC Insured	2/18 at 100.00	A	1,420,119
2,500	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	Baa2	2,649,100
1,230	Illinois Finance Authority, Revenue Bonds, Illinois Wesleyan University, Refunding Series 2016, 5.000%, 9/01/46	9/26 at 100.00	A–	1,431,105
1,725	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 4.250%, 5/15/43	5/22 at 100.00	Baa1	1,792,706

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

4,300	Illinois Finance Authority, Revenue Bonds, Memorial Health System, Series 2009, 5.500%, 4/01/34	4/19 at 100.00	AA-	4,744,018
15,805	Illinois Finance Authority, Revenue Bonds, Mercy Health Corporation, Series 2016, 5.000%, 12/01/46	6/26 at 100.00	A3	18,546,377
1,630	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial HealthCare, Series 2013, 5.000%, 8/15/37	8/22 at 100.00	AA+	1,872,055
40,925	Illinois Finance Authority, Revenue Bonds, Presence Health Network, Series 2016C, 4.000%, 2/15/41 (WI/DD, Settling 8/16/16)	2/27 at 100.00	BBB	41,116,938
2,500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB	3,002,650
1,435	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A, 6.000%, 7/01/43	7/23 at 100.00	A-	1,764,175
5,000	Illinois Finance Authority, Revenue Bonds, Resurrection Health Care System, Series 1999B, 5.000%, 5/15/24 – AGM Insured	5/18 at 100.00	AA	5,346,450
2,000	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2015A, 4.000%, 11/15/39	5/25 at 100.00	A+	2,165,580
560	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C: 5.000%, 8/15/35	8/25 at 100.00	Baa1	653,201
6,140	5.000%, 8/15/44	8/25 at 100.00	Baa1	7,103,734
5,725	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009, 7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	6,802,388
8,960	Illinois Finance Authority, Revenue Bonds, The Carle Foundation, Series 2011A, 6.000%, 8/15/41 – AGM Insured	8/21 at 100.00	AA	10,800,474
1,150	Illinois Finance Authority, Revenue Bonds, The University of Chicago Medical Center, Series 2011C, 5.500%, 8/15/41	2/21 at 100.00	AA-	1,320,235
4,500	Illinois Finance Authority, Revenue Bonds, The University of Chicago Medical Center, Series 2011C, 5.500%, 8/15/41 (UB) (5)	2/21 at 100.00	AA-	5,166,135
19,975	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	AA+	22,639,665
20,000	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2015A, 5.000%, 10/01/46 (UB) (5)	10/25 at 100.00	AA+	23,672,200
4,065	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	4,130,487
3,500			AA- (4)	3,580,045

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Illinois Municipal Electric Agency, Power Supply System Revenue Bonds, Series 2007A, 5.000%, 2/01/35 (Pre-refunded 2/01/17) – FGIC Insured	2/17 at 100.00		
3,665	Illinois Sports Facility Authority, State Tax Supported Bonds, Refunding Series 2014, 5.250%, 6/15/31 – AGM Insured	6/24 at 100.00	AA	4,259,170
3,200	Illinois State, General Obligation Bonds, February Series 2014: 5.250%, 2/01/32	2/24 at 100.00	BBB+	3,560,128
2,000	5.250%, 2/01/33	2/24 at 100.00	BBB+	2,223,700
1,575	5.250%, 2/01/34	2/24 at 100.00	BBB+	1,745,683
7,000	5.000%, 2/01/39	2/24 at 100.00	BBB+	7,567,770
6,000	Illinois State, General Obligation Bonds, June Series 2016, 4.000%, 6/01/36	6/26 at 100.00	BBB+	5,967,180
510	Illinois State, General Obligation Bonds, May Series 2014: 5.000%, 5/01/36	5/24 at 100.00	BBB+	553,600
2,245	5.000%, 5/01/39	5/24 at 100.00	BBB+	2,432,211
	Illinois State, General Obligation Bonds, Refunding Series 2012:			
3,795	5.000%, 8/01/21	No Opt. Call	BBB+	4,228,996
1,725	5.000%, 8/01/22	No Opt. Call	BBB+	1,941,902
3,425	5.000%, 8/01/23	No Opt. Call	BBB+	3,893,746
1,095	5.000%, 8/01/25	8/22 at 100.00	BBB+	1,210,106
4,035	Illinois State, General Obligation Bonds, Series 2004A, 5.000%, 3/01/28	10/16 at 100.00	BBB+	4,053,359
2,335	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	BBB+	2,604,622
5,000	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/35	1/23 at 100.00	AA–	5,824,350
18,920	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2015A, 5.000%, 1/01/40	7/25 at 100.00	AA–	22,765,301
1,395	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 2015-XF0051, 16.421%, 1/01/21 (IF)	No Opt. Call	AA–	2,290,269
7,400	Macon County School District 61 Decatur, Illinois, General Obligation Bonds, Series 2011A, 5.250%, 1/01/37 – AGM Insured	1/21 at 100.00	A2	8,392,784
17,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2012B, 5.000%, 6/15/52	6/22 at 100.00	BBB	18,998,525
540	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2015B, 5.000%, 6/15/52	12/25 at 100.00	BBB	609,757

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Series 2015A:			
2,890	0.000%, 12/15/52	No Opt. Call	BBB+	591,641
5,185	5.000%, 6/15/53	12/25 at 100.00	BBB	5,854,591
15,000	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A, 5.500%, 6/15/50	6/20 at 100.00	BBB	16,214,100
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Capital Appreciation Refunding Series 2010B-1:			
25,000	0.000%, 6/15/44 – AGM Insured	No Opt. Call	AA	8,390,250
43,200	0.000%, 6/15/45 – AGM Insured	No Opt. Call	AA	13,902,192
10,000	0.000%, 6/15/46 – AGM Insured	No Opt. Call	AA	3,085,100
41,150	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 2010B-2, 5.000%, 6/15/50	6/20 at 100.00	BBB	43,552,337
8,750	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1994B, 0.000%, 6/15/28 – NPFG Insured	No Opt. Call	AA–	5,861,100
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:			
18,000	0.000%, 12/15/24 – NPFG Insured	No Opt. Call	AA–	14,000,940
20,045	0.000%, 12/15/35 – AGM Insured	No Opt. Call	AA	9,748,284
733	Montgomery, Illinois, Lakewood Creek Project Special Assessment Bonds, Series 2007, 4.700%, 3/01/30 – RAAI Insured	10/16 at 100.00	AA	734,180
1,846	Plano, Illinois, Special Tax Bonds, Special Service Area 1 & 2 Lakewood Springs Project, Refunding Series 2014, 5.000%, 3/01/34 – AGM Insured	3/24 at 100.00	AA	2,115,091
2,600	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 2000A, 6.500%, 7/01/30 – NPFG Insured	No Opt. Call	AA	3,685,812
3,900	Rosemont Village, Illinois, General Obligation Bonds, Corporate Purpose Series 2011A, 5.600%, 12/01/35 – AGM Insured	12/20 at 100.00	AA	4,381,416
7,025	Southwestern Illinois Development Authority, Health Facility Revenue Bonds, Memorial Group, Inc., Series 2013, 7.625%, 11/01/48	11/23 at 100.00	AA	9,837,108
4,000	Southwestern Illinois Development Authority, School Revenue Bonds, Triad School District 2, Madison County, Illinois, Series 2006, 0.000%, 10/01/25 – NPFG Insured	No Opt. Call	AA–	3,003,720
12,125	Springfield, Illinois, Electric Revenue Bonds, Senior Lien Series 2015, 5.000%, 3/01/40 – AGM Insured	3/25 at 100.00	AA	14,331,265
2,550	Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation	No Opt. Call	AA–	2,205,980

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Bonds, Capital Appreciation Series 2004, 0.000%, 11/01/22 – NPMFG Insured			
780	Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation	No Opt. Call	AA– (4)	714,581
	Bonds, Capital Appreciation Series 2004, 0.000%, 11/01/22 – NPMFG Insured (ETM)			
6,390	Will County School District 122, New Lenox, Illinois, General Obligation Bonds, Capital	No Opt. Call	Aa3	5,194,367
	Appreciation School Series 2004D, 0.000%, 11/01/24 – AGM Insured			
	Williamson & Johnson Counties Community Unit School District 2, Marion, Illinois, General Obligation Bonds, Series 2011:			
930	7.000%, 12/01/21 – AGM Insured	12/20 at 100.00	AA	1,139,734
1,035	7.000%, 12/01/22 – AGM Insured	12/20 at 100.00	AA	1,254,492
1,155	7.000%, 12/01/23 – AGM Insured	12/20 at 100.00	AA	1,397,920
1,065	7.000%, 12/01/26 – AGM Insured	12/20 at 100.00	AA	1,279,150
2,085	7.250%, 12/01/29 – AGM Insured	12/20 at 100.00	AA	2,535,402
2,295	7.250%, 12/01/30 – AGM Insured	12/20 at 100.00	AA	2,812,201
721,754	Total Illinois Indiana – 4.6% (3.0% of Total Investments)			673,263,589
2,640	Crown Point Multi-School Building Corporation, Indiana, First Mortgage Bonds, Crown Point	No Opt. Call	AA+	2,303,321
	Community School Corporation, Series 2000, 0.000%, 1/15/24 – NPMFG Insured			
2,005	Decatur Township-Marion County Multi-School Building Corporation, Indiana, First Mortgage	1/17 at 100.00	AA+	2,046,644
	Bonds, Series 2006A, 5.000%, 7/15/26 (Pre-refunded 1/15/17) – AGM Insured			
12,040	Indiana Finance Authority, Educational Facilities Revenue Bonds, Valparaiso University	10/24 at 100.00	A2	13,991,082
	Project, Series 2014, 5.000%, 10/01/44			
365	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel	6/20 at 100.00	B	360,000
	Corporation Project, Refunding Series 2010, 6.000%, 12/01/26			
125	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel	No Opt. Call	B	125,205
	Corporation Project, Refunding Series 2011, 6.000%, 12/01/19			
15,000	Indiana Finance Authority, Health System Revenue Bonds, Franciscan Alliance, Inc Obligated	11/25 at 100.00	AA	15,795,300
	Group, Series 2016A, 4.000%, 11/01/51			
10,190	Indiana Finance Authority, Hospital Revenue Bonds, Community Health Network Project, Series	5/23 at 100.00	A	11,685,586
	2012A, 5.000%, 5/01/42			
4,500			BBB–	4,799,565

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Indiana Finance Authority, Midwestern Disaster Relief Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2012A, 5.000%, 6/01/39 – AGM Insured	6/22 at 100.00		
5,000	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2010B., 5.000%, 12/01/37	12/20 at 100.00	AA	5,646,950
13,880	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2011B, 5.000%, 10/01/41	10/21 at 100.00	AA–	16,138,415
17,970	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2014A, 5.000%, 10/01/44	10/24 at 100.00	AA	21,417,904
2,250	Indiana Health and Educational Facilities Financing Authority, Revenue Bonds, Sisters of Saint Francis Health Services Inc, Series 2006E, 5.250%, 5/15/41 (Pre-refunded 5/01/18) – AGM Insured	5/18 at 100.00	Aa3 (4)	2,434,410
17,920	Indiana Municipal Power Agency, Power Supply Revenue Bonds, Series 2007A, 5.000%, 1/01/42 (Pre-refunded 1/01/17) – NPF Insured	1/17 at 100.00	AA– (4)	18,256,179
5,000	Indianapolis Local Public Improvement Bond Bank Bonds, Indiana, PILOT Infrastructure Project Revenue Bonds, Series 2010F, 5.000%, 1/01/35 – AGM Insured	1/20 at 100.00	AA	5,622,600
10,000	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E: 0.000%, 2/01/26 – AMBAC Insured	No Opt. Call	AA	8,166,100
20,000	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E: 0.000%, 2/01/28 – AMBAC Insured	No Opt. Call	AA	15,268,400
14,615	Indianapolis Local Public Improvement Bond Bank, Indiana, Waterworks Project Series 2009A, 5.500%, 1/01/38 – AGC Insured	1/19 at 100.00	AA	16,341,908
1,500	Vigo County Hospital Authority, Indiana, Revenue Bonds, Union Hospital, Series 2007, 5.800%, 9/01/47	9/17 at 100.00	N/R	1,542,015
155,000	Total Indiana Iowa – 2.8% (1.8% of Total Investments)			161,941,584
10,000	Iowa Finance Authority, Health Facilities Revenue Bonds, UnityPoint Health Project, Series 2013A, 5.250%, 2/15/44	2/23 at 100.00	Aa3	11,676,900
39,570	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013: 5.000%, 12/01/19	No Opt. Call	B+	41,159,923
7,685	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013: 5.250%, 12/01/25	12/23 at 100.00	B+	8,315,708
6,285	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C: 5.375%, 6/01/38	10/16 at 100.00	B+	6,285,440
2,185	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C: 5.500%, 6/01/42	10/16 at 100.00	B+	2,185,131
21,325	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C: 5.625%, 6/01/46		B+	21,381,085

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		10/16 at 100.00		
8,400	Iowa Tobacco Settlement Authority, Tobacco Asset-Backed Revenue Bonds, Series 2005B, 5.600%, 6/01/34	6/17 at 100.00	B+	8,470,392
95,450	Total Iowa Kansas – 0.7% (0.5% of Total Investments)			99,474,579
1,240	Kansas Development Finance Authority, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA–	1,377,218
8,140	Kansas Development Finance Authority, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40 (Pre-refunded 1/01/20) Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Bonds, Vacation Village Project Area 1 and 2A, Series 2015:	1/20 at 100.00	N/R (4)	9,311,102
5,500	5.000%, 9/01/27	9/25 at 100.00	N/R	5,722,530
5,435	5.750%, 9/01/32	9/25 at 100.00	N/R	5,662,129
2,595	6.000%, 9/01/35	9/25 at 100.00	N/R	2,699,060
10	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic Complex Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21	No Opt. Call	A–	7,640
22,920	Total Kansas Kentucky – 2.2% (1.4% of Total Investments)			24,779,679
6,675	Kentucky Bond Development Corporation, Tax Increment Revenue Bonds, Summit Lexington Project, Series 2016A, 4.400%, 10/01/24	No Opt. Call	N/R	6,753,031
5,240	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.000%, 6/01/30	6/20 at 100.00	BBB+	5,994,979
6,015	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010B, 6.375%, 3/01/40	6/20 at 100.00	BBB+	6,952,438
1,000	Kentucky Economic Development Finance Authority, Louisville Arena Project Revenue Bonds, Louisville Arena Authority, Inc., Series 2008-A1, 6.000%, 12/01/33 – AGC Insured Kentucky Economic Development Finance Authority, Revenue Bonds, Next Generation Kentucky Information Highway Project, Senior Series 2015A:	6/18 at 100.00	AA	1,077,170
4,345	5.000%, 7/01/37	7/25 at 100.00	BBB+	5,063,706
7,370	5.000%, 7/01/40	7/25 at 100.00	BBB+	8,576,469

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

10,245	5.000%, 1/01/45	7/25 at 100.00	BBB+	11,869,755
	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Convertible Capital Appreciation Series 2013C:			
4,360	0.000%, 7/01/43 (7)	7/31 at 100.00	Baa3	3,893,698
7,510	0.000%, 7/01/46 (7)	7/31 at 100.00	Baa3	6,728,284
	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Series 2013A:			
2,390	5.750%, 7/01/49	7/23 at 100.00	Baa3	2,852,369
480	6.000%, 7/01/53	7/23 at 100.00	Baa3	581,731
	Kentucky State Property and Buildings Commission, Revenue Bonds, Project 93, Refunding Series 2009:			
715	5.250%, 2/01/20 – AGC Insured	2/19 at 100.00	AA	796,102
1,135	5.250%, 2/01/24 – AGC Insured	2/19 at 100.00	AA	1,258,363
	Kentucky State Property and Buildings Commission, Revenue Bonds, Project 93, Refunding Series 2009:			
5,560	5.250%, 2/01/20 (Pre-refunded 2/01/19) – AGC Insured	2/19 at 100.00	AA (4)	6,197,287
8,865	5.250%, 2/01/24 (Pre-refunded 2/01/19) – AGC Insured	2/19 at 100.00	AA (4)	9,881,106
71,905	Total Kentucky Louisiana – 1.5% (0.9% of Total Investments)			78,476,488
3,175	Ascension Parish Industrial development Board, Louisiana, Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.000%, 7/01/36	7/23 at 100.00	N/R	3,587,877
4,330	Jefferson Parish Hospital District1, Louisiana, Hospital Revenue Bonds, West Jefferson Medical Center, Refunding Series 2011A, 6.000%, 1/01/39 (Pre-refunded 1/01/21) – AGM Insured	1/21 at 100.00	AA (4)	5,277,880
5,000	Lafayette Public Trust Financing Authority, Louisiana, Revenue Bonds, Ragin’ Cajun Facilities Inc. Housing & Parking Project, Series 2010, 5.500%, 10/01/41 – AGM Insured	10/20 at 100.00	AA	5,765,800
1,455	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Refunding Series 2015A, 5.000%, 7/01/39	7/25 at 100.00	A+	1,725,717
10,000	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our	No Opt. Call	AA	11,983,600

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Lady Health System, Series 1998A, 5.750%, 7/01/25 – AGM Insured (UB)			
6,520	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	A–	6,731,378
2,480	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47 (Pre-refunded 5/15/17)	5/17 at 100.00	N/R (4)	2,578,878
	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2015:			
1,000	4.250%, 5/15/40	5/25 at 100.00	A–	1,097,170
6,970	5.000%, 5/15/47	5/25 at 100.00	A–	8,217,282
1,000	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 4.250%, 6/01/34	6/24 at 100.00	A	1,101,390
3,155	St John Baptist Parish, Louisiana, Revenue Bonds, Marathon Oil Corporation, Series 2007A, 5.125%, 6/01/37	6/17 at 100.00	BBB	3,227,281
45,085	Total Louisiana			51,294,253
	Maine – 1.0% (0.7% of Total Investments)			
1,015	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2013, 5.000%, 7/01/43	7/23 at 100.00	BBB	1,140,677
	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2016A:			
6,000	5.000%, 7/01/41	7/26 at 100.00	BBB	6,964,380
5,280	4.000%, 7/01/41	7/26 at 100.00	BBB	5,497,325
1,635	5.000%, 7/01/46	7/26 at 100.00	BBB	1,891,744
5,565	4.000%, 7/01/46	7/26 at 100.00	BBB	5,770,404
1,050	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Maine General Medical Center, Series 2011, 6.750%, 7/01/41	7/21 at 100.00	BBB–	1,203,038
	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Mainehealth Issue, Series 2015:			
10,000	5.000%, 7/01/39	No Opt. Call	A+	11,657,500
1,790	4.000%, 7/01/44	No Opt. Call	A+	1,908,194
32,335	Total Maine			36,033,262
	Maryland – 0.9% (0.6% of Total Investments)			
5,345	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/28 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	5,361,676
2,500			Baa2	3,075,650

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Adventist Healthcare, Series 2011A, 6.000%, 1/01/26	1/22 at 100.00		
10,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2015, 5.000%, 7/01/47	7/25 at 100.00	A+	11,924,800
2,500	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Peninsula Regional Medical Center Issue, Refunding Series 2015, 5.000%, 7/01/45	7/24 at 100.00	A	2,941,700
3,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, University of Maryland Medical System Issue, Series 2013A, 5.000%, 7/01/43	7/22 at 100.00	A2	3,434,400
	Prince George's County Revenue Authority, Maryland, Special Obligation Bonds, Suitland-Naylor Road Project, Series 2016:			
2,000	4.750%, 7/01/36	1/26 at 100.00	N/R	2,096,200
2,300	5.000%, 7/01/46	1/26 at 100.00	N/R	2,422,061
27,645	Total Maryland Massachusetts – 3.2% (2.1% of Total Investments)			31,256,487
9,500	Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Commonwealth Contract Assistance Secured, Refunding Series 2010B, 5.000%, 1/01/35	1/20 at 100.00	AA+	10,799,315
3,125	Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Refunding Senior Lien Series 2010B, 5.000%, 1/01/37	1/20 at 100.00	A+	3,507,406
	Massachusetts Development Finance Agency Revenue Bonds, Lawrence General Hospital Issue, Series 2014A:			
2,245	5.250%, 7/01/34	7/24 at 100.00	BBB–	2,547,110
6,195	5.500%, 7/01/44	7/24 at 100.00	BBB–	7,107,895
14,555	Massachusetts Development Finance Agency, Resource Recovery Revenue Refunding Bonds, Covanta Energy Project, Series 2012B, 4.875%, 11/01/42	11/17 at 100.00	BB+	14,855,561
1,270	Massachusetts Development Finance Agency, Revenue Bonds, Boston Medical Center Issue, Green Bonds, Series 2015D, 5.000%, 7/01/44	No Opt. Call	BBB	1,479,944
	Massachusetts Development Finance Agency, Revenue Bonds, Emerson College, Series 2015:			
3,200	5.000%, 1/01/45	1/25 at 100.00	BBB+	3,696,320
4,020	4.500%, 1/01/45	1/25 at 100.00	BBB+	4,449,979
	Massachusetts Development Finance Agency, Revenue Bonds, Emmanuel College, Series 2016A:			
2,055	5.000%, 10/01/43		Baa2	2,410,967

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		10/26 at 100.00		
6,500	4.000%, 10/01/46	10/26 at 100.00	Baa2	6,849,960
6,000	Massachusetts Development Finance Authority, Revenue Bonds, WGBH Educational Foundation, Series 2002A, 5.750%, 1/01/42 – AMBAC Insured	No Opt. Call	A+	8,838,600
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, CareGroup Inc., Series 2008E-1 &2, 5.125%, 7/01/38 (Pre-refunded 7/01/18)	7/18 at 100.00	A– (4)	543,525
5,330	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Harvard University, Tender Option Bond Trust 2016-XL0017, 12.730%, 12/15/34 (IF) (5)	12/19 at 100.00	AAA	7,623,979
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Eye and Ear Infirmary, Series 2010C, 5.375%, 7/01/35	7/20 at 100.00	BBB–	1,126,490
7,405	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Institute of Technology, Series 2002K, 5.500%, 7/01/32 (UB) (5)	No Opt. Call	AAA	10,917,710
3,335	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Institute of Technology, Tender Option Bond Trust 2016-XG0029, 12.743%, 3/10/17 (IF)	No Opt. Call	AAA	3,751,775
2,300	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,566,179
4,560	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Senior Series 2013A, 5.000%, 5/15/43	5/23 at 100.00	AA+	5,434,517
400	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2007A, 5.000%, 8/15/37 (Pre-refunded 8/15/17) – AMBAC Insured	8/17 at 100.00	Aa2 (4)	418,608
425	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Subordinate Series 1999A, 5.750%, 8/01/29	10/16 at 100.00	AAA	426,819
13,095	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 (Pre-refunded 2/01/17) – AGM Insured	2/17 at 100.00	AA+ (4)	13,361,483
1,245	Springfield Water and Sewer Commission, Massachusetts, General Revenue Bonds, Refunding Series 2010B, 5.000%, 11/15/30 – AGC Insured	11/20 at 100.00	AA	1,441,934
98,260	Total Massachusetts Michigan – 3.9% (2.5% of Total Investments)			114,156,076
5,490	Detroit City School District, Wayne County, Michigan, General Obligation Bonds, Series 2001A, 6.000%, 5/01/29 – AGM Insured (UB)	No Opt. Call	Aa1	7,075,951
2,985	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	A–	3,425,347

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

930	Detroit, Michigan, General Obligation Bonds, Series 2001A-1, 5.375%, 4/01/18 – NPMFG Insured (Pre-refunded 9/14/16)	9/16 at 100.00	A3 (4)	933,506
2,150	Detroit, Michigan, Sewage Disposal System Revenue Bonds, Second Lien Series 2006A, 5.500%, 7/01/36 – BHAC Insured	7/18 at 100.00	AA+	2,305,531
2,050	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2001E, 5.750%, 7/01/31 – BHAC Insured	7/18 at 100.00	AA+	2,217,301
3,920	Detroit, Michigan, Water Supply System Senior Lien Revenue Refunding Bonds, Series 2003D, 5.000%, 7/01/28 – NPMFG Insured	10/16 at 100.00	AA–	3,933,838
1,500	Grand Traverse County Hospital Financial Authority, Michigan, Revenue Bonds, Munson Healthcare, Series 2014A, 5.000%, 7/01/47	No Opt. Call	AA–	1,746,690
2,000	Kalamazoo Hospital Finance Authority, Michigan, Hospital Revenue Refunding Bonds, Bronson Methodist Hospital, Series 2010, 5.250%, 5/15/36 – AGM Insured	5/20 at 100.00	A2	2,253,100
1,825	Marysville Public School District, Saint Clair County, Michigan, General Obligation Bonds, School Building & Site Series 2007, 5.000%, 5/01/28 (Pre-refunded 5/01/17) – AGM Insured	5/17 at 100.00	Aa1 (4)	1,887,196
5,070	Michigan Finance Authority, Detroit, Michigan, Local Government Loan Program, Unlimited Tax General Obligation Bonds, Series 2014G-2A, 5.375%, 4/01/18 – NPMFG Insured (Pre-refunded 9/14/16)	9/16 at 100.00	AA– (4)	5,089,114
	Michigan Finance Authority, Hospital Revenue Bonds, Sparrow Obligated Group, Refunding Series 2015:			
4,495	4.000%, 11/15/35	5/25 at 100.00	A+	4,863,545
2,550	4.000%, 11/15/36	5/25 at 100.00	A+	2,754,969
3,220	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011, 5.000%, 12/01/39	12/21 at 100.00	AA–	3,758,287
10	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011, 5.000%, 12/01/39 (Pre-refunded 12/01/21)	12/21 at 100.00	N/R (4)	12,131
10,000	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Series 2016, 5.000%, 12/01/45 (UB) (5)	6/26 at 100.00	AA	12,100,300
1,640	Michigan Finance Authority, Unemployment Obligation Assessment Revenue Bonds, Series 2012B, 5.000%, 7/01/22	10/16 at 100.00	AAA	1,674,686
3,770	Michigan Housing Development Authority, Rental Housing Revenue Bonds, Series 2012D, 3.650%, 10/01/32	4/22 at 100.00	AA	3,924,834
4,000			A2	4,416,440

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Michigan Public Power Agency, AFEC Project Revenue Bonds, 1/22 at Series 2012A, 5.000%, 1/01/43	100.00		
	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2011-II-A:			
2,750	5.375%, 10/15/36	10/21 at 100.00	Aa2	3,218,325
8,260	5.375%, 10/15/41	10/21 at 100.00	Aa2	9,666,678
9,375	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2015-I, 5.000%, 4/15/29	10/25 at 100.00	Aa2	11,710,875
	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009:			
5,500	5.625%, 11/15/29	11/19 at 100.00	A-	6,307,785
10,585	5.750%, 11/15/39	11/19 at 100.00	A-	12,091,563
1,225	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	1,243,044
275	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (Pre-refunded 12/01/16)	12/16 at 100.00	Aa2 (4)	279,208
13,855	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 12/01/48	6/22 at 100.00	AA	15,597,128
3,050	Michigan Tobacco Settlement Finance Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2008A, 6.875%, 6/01/42	6/18 at 100.00	B2	3,148,851
1,150	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded 9/01/18)	9/18 at 100.00	Aaa	1,333,253
	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2015D:			
4,050	5.000%, 12/01/40	12/25 at 100.00	A	4,795,889
3,600	5.000%, 12/01/45	12/25 at 100.00	A	4,246,740
121,280	Total Michigan Minnesota – 0.8% (0.5% of Total Investments)			138,012,105
2,000	Brooklyn Park, Minnesota, Charter School Lease Revenue Bonds, Prairie Seeds Academy Project, Refunding Series 2015A, 5.000%, 3/01/34	3/25 at 100.00	BBB-	2,171,360
1,720	Deephaven, Minnesota, Charter School Lease Revenue Bonds, Eagle Ridge Academy Project, Series 2015A, 5.500%, 7/01/50	7/25 at 100.00	BB+	1,884,896
2,500			A	2,771,800

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Housing and Redevelopment Authority of the City of Saint Paul, Minnesota, Health Care Facilities Revenue Refunding Bonds, HealthPartners Obligated Group, Series 2015A, 4.000%, 7/01/35	7/25 at 100.00		
4,250	Maple Grove, Minnesota, Health Care Facilities Revenue Bonds, Maple Grove Hospital Corporation, Series 2007, 5.250%, 5/01/37	5/17 at 100.00	Baa1	4,364,623
1,410	Minneapolis, Minnesota, Charter School Lease Revenue Bonds, Hiawatha Academies Project, Series 2016A, 5.000%, 7/01/47	7/24 at 102.00	N/R	1,455,473
4,625	Minneapolis, Minnesota, Health Care System Revenue Bonds, Fairview Health Services, Series 2008B, 6.500%, 11/15/38 – AGC Insured	11/18 at 100.00	AA	5,178,150
840	Minneapolis, Minnesota, Health Care System Revenue Bonds, Fairview Health Services, Series 2008B, 6.500%, 11/15/38 (Pre-refunded 11/15/18) – AGC Insured	11/18 at 100.00	AA (4)	952,602
1,000	Minneapolis-Saint Paul Housing and Redevelopment Authority, Minnesota, Health Care Revenue Bonds, Children’s Health Care, Series 2004A-1 Remarketed, 4.625%, 8/15/29 – AGM Insured	8/20 at 100.00	AA	1,104,980
	Saint Cloud, Minnesota, Charter School Lease Revenue Bonds, Stride Academy Project, Series 2016A:			
405	5.000%, 4/01/36	4/26 at 100.00	BB–	423,302
605	5.000%, 4/01/46	4/26 at 100.00	BB–	619,792
235	Saint Paul Housing and Redevelopment Authority, Minnesota, Multifamily Housing Revenue Bonds, 2700 University at Westgate Station, Series 2015B, 4.250%, 4/01/25	4/23 at 100.00	N/R	244,687
	St. Paul Housing and Redevelopment Authority, Minnesota, Hospital Revenue Bonds, HealthEast Inc., Series 2015A:			
900	5.250%, 11/15/35	11/20 at 100.00	BBB–	1,010,097
2,785	5.000%, 11/15/40	11/25 at 100.00	BBB–	3,309,583
3,190	5.000%, 11/15/44	11/25 at 100.00	BBB–	3,782,224
26,465	Total Minnesota Mississippi – 0.2% (0.1% of Total Investments)			29,273,569
5,445	Mississippi Development Bank, Special Obligation Bonds, Gulfport Water and Sewer System Project, Series 2005, 5.250%, 7/01/24 – AGM Insured		No Opt. Call AA	6,570,863
	Missouri – 1.9% (1.2% of Total Investments)			
890	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales	10/18 at 100.00	AA+	969,673

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/28			
2,820	Chesterfield Valley Transportation Development District, Missouri, Transportation Sales Tax	5/23 at 100.00	A-	2,956,883
	Revenue Bonds, Series 2015, 3.625%, 5/15/31			
	Kansas City Industrial Development Authority, Missouri, Sales Tax Revenue Bonds, Ward Parkway Center Community Improvement District, Senior Refunding & Improvement Series 2016:			
400	5.000%, 4/01/36	4/26 at 100.00	N/R	407,688
1,520	5.000%, 4/01/46	4/26 at 100.00	N/R	1,519,894
15,000	Kansas City Municipal Assistance Corporation, Missouri, Leasehold Revenue Bonds, Series 2004B-1, 0.000%, 4/15/28 – AMBAC Insured Liberty, Missouri, Special Obligation Tax Increment and Special Districts Bonds, Liberty Commons Project, Series 2015A:	No Opt. Call	AA-	10,952,250
1,575	5.750%, 6/01/35	6/25 at 100.00	N/R	1,641,701
1,055	6.000%, 6/01/46	6/25 at 100.00	N/R	1,102,971
2,460	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.500%, 5/01/43 Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2015B:	5/23 at 100.00	BBB+	2,815,618
1,410	5.000%, 5/01/40	11/23 at 100.00	BBB+	1,560,602
2,000	5.000%, 5/01/45	11/23 at 100.00	BBB+	2,204,120
6,665	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, BJC Health System, Series 2015A, 4.000%, 1/01/45	No Opt. Call	AA	7,276,980
8,315	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, CoxHealth, Series 2013A, 5.000%, 11/15/48	11/23 at 100.00	A2	9,602,994
2,250	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Heartland Regional Medical Center, Series 2012, 5.000%, 2/15/43	2/22 at 100.00	A1	2,591,708
1,010	Plaza at Noah's Ark Community Improvement District, Saint Charles, Missouri, Tax Increment and Improvement District Revenue Bonds, Series 2015, 5.000%, 5/01/30	5/21 at 100.00	N/R	1,066,873
4,125	Saint Louis, Missouri, Airport Revenue Bonds, Lambert-St. Louis International Airport, Series 2005, 5.500%, 7/01/29 – NPF Insured	No Opt. Call	AA-	5,449,414
660			AA-	669,682

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Saint Louis, Missouri, Parking Revenue Bonds, Series 2006A, 4.500%, 12/15/24 – NCFG Insured	12/16 at 100.00		
1,710	Saint Louis, Missouri, Parking Revenue Bonds, Series 2006A, 4.500%, 12/15/24 (Pre-refunded 12/15/16)	12/16 at 100.00	AA– (4)	1,736,078
15,350	Springfield Public Building Corporation, Missouri, Lease Revenue Bonds, Jordan Valley Park Projects, Series 2000A, 0.000%, 6/01/30 – AMBAC Insured	No Opt. Call	N/R	9,418,453
405	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Friendship Village of Sunset Hills, Series 2013A, 5.875%, 9/01/43	9/23 at 100.00	A–	478,989
	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Saint Andrew’s Resources for Seniors, Series 2015A:			
1,550	5.000%, 12/01/35	12/25 at 100.00	N/R	1,672,233
455	5.125%, 12/01/45	12/25 at 100.00	N/R	487,937
71,625	Total Missouri			66,582,741
	Montana – 0.1% (0.1% of Total Investments)			
3,000	Montana Facility Finance Authority, Hospital Revenue Bonds, Benefis Health System Obligated Group, Series 2011A, 5.750%, 1/01/31 – AGM Insured	1/21 at 100.00	AA	3,530,850
	Nebraska – 2.5% (1.6% of Total Investments)			
4,405	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue Bonds, Series 2012, 5.000%, 9/01/32	9/22 at 100.00	A	5,034,034
580	Douglas County Hospital Authority 2, Nebraska, Health Facilities Revenue Bonds, Nebraska Methodist Health System, Refunding Series 2015, 5.000%, 11/01/45	11/25 at 100.00	A–	683,640
	Douglas County Hospital Authority 3, Nebraska, Health Facilities Revenue Bonds, Nebraska Methodist Health System, Refunding Series 2015:			
2,090	4.125%, 11/01/36	11/25 at 100.00	A–	2,258,517
2,325	5.000%, 11/01/48	11/25 at 100.00	A–	2,733,293
4,010	Lincoln County Hospital Authority 1, Nebraska, Hospital Revenue and Refunding Bonds, Great Plains Regional Medical Center Project, Series 2012, 5.000%, 11/01/42	No Opt. Call	A–	4,518,268
39,280	Lincoln, Nebraska, Electric System Revenue Bonds, Series 2007A, 4.500%, 9/01/37 – FGIC Insured (Pre-refunded 9/02/16) (UB) (5)	9/16 at 100.00	AA (4)	39,408,838
5,000	Municipal Energy Agency of Nebraska, Power Supply System Revenue and Refunding Bonds, Series 2009A, 5.375%, 4/01/39 – BHAC Insured	4/19 at 100.00	AA+	5,570,800
27,000	Public Power Generation Agency, Nebraska, Whelan Energy Center Unit 2 Revenue Bonds, Series	1/17 at 100.00	A2 (4)	27,515,700

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	2007A, 5.000%, 1/01/37 (Pre-refunded 1/01/17) – AMBAC Insured			
84,690	Total Nebraska			87,723,090
	Nevada – 2.0% (1.3% of Total Investments)			
5,350	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2009C, 5.000%, 7/01/26 – AGM Insured	7/19 at 100.00	AA	5,969,691
4,500	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Revenue Bonds, Improvement & Refunding Series 2010B, 5.000%, 7/01/28	7/19 at 100.00	AA–	5,046,210
1,400	Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran International Airport, Refunding Series 2010F-1, 5.000%, 7/01/17	No Opt. Call	A+	1,456,952
	Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran International Airport, Series 2010A:			
24,020	5.250%, 7/01/39 – AGM Insured	1/20 at 100.00	AA	27,022,020
14,515	5.250%, 7/01/42	1/20 at 100.00	A+	16,318,779
1,000	Las Vegas, Nevada, Sales Tax Increment Revenue Bonds, Symphony Park Tourism Improvement District, Series 2016, 4.375%, 6/15/35	6/21 at 100.00	N/R	1,001,040
2,280	North Las Vegas, Nevada, General Obligation Bonds, Wastewater Reclamation System Series 2006, 5.000%, 10/01/25 – NPFG Insured	10/16 at 100.00	AA–	2,284,537
10,000	Reno, Nevada, Health Facility Revenue Bonds, Catholic Healthcare West, Series 2007A, 5.250%, 7/01/31 – BHAC Insured (UB) (5)	7/17 at 100.00	AA+	10,366,500
1,100	Washoe County, Nevada, Highway Revenue, Motor Vehicle Fuel Tax Bonds, Series 2013, 5.000%, 2/01/38	2/19 at 100.00	A+	1,203,510
64,165	Total Nevada			70,669,239
	New Hampshire – 0.2% (0.1% of Total Investments)			
5,000	New Hampshire Business Finance Authority, Revenue Bonds, Elliot Hospital Obligated Group Issue, Series 2009A, 6.125%, 10/01/39	10/19 at 100.00	Baa1	5,657,950
500	New Hampshire Health and Education Facilities Authority, Revenue Bonds, Kendal at Hanover, Series 2016, 5.000%, 10/01/40	10/26 at 100.00	BBB+	596,520
5,500	Total New Hampshire			6,254,470
	New Jersey – 6.1% (3.9% of Total Investments)			
	New Jersey Economic Development Authority, Revenue Bonds, Motor Vehicle Surcharge, Series 2004A:			
5,550	5.000%, 7/01/22 – NPFG Insured	10/16 at 100.00	AA–	5,620,041
5,550	5.000%, 7/01/23 – NPFG Insured	10/16 at 100.00	AA–	5,620,041
7,800	5.000%, 7/01/29 – NPFG Insured		AA–	7,835,880

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		10/16 at 100.00		
	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005N-1:			
6,835	5.500%, 9/01/24 – AMBAC Insured	No Opt. Call	A–	8,187,783
5,000	5.500%, 9/01/28 – NPFPG Insured	No Opt. Call	AA–	6,327,200
5,125	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Refunding Series 2013NN, 5.000%, 3/01/23	No Opt. Call	A–	5,830,610
11,975	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Refunding Series 2015WW, 5.250%, 6/15/40	6/25 at 100.00	A–	13,610,785
2,335	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Series 2012K-K, 5.000%, 3/01/23	No Opt. Call	A–	2,644,784
600	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Refunding Series 2011, 6.000%, 7/01/26	7/21 at 100.00	BB+	668,412
1,500	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	7/18 at 100.00	BB+	1,603,065
2,325	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Barnabas Health, Refunding Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	A–	2,728,504
10,000	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Saint Barnabas Health Care System, Refunding Series 2006B, 0.000%, 7/01/36	1/17 at 37.38	A–	3,681,300
610	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, University Hospital Issue, Refunding Series 2015A, 5.000%, 7/01/46 – AGM Insured	7/25 at 100.00	AA	719,245
2,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A, 0.000%, 12/15/26	No Opt. Call	A–	1,362,760
2,150	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	A–	2,413,139
20,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006C, 0.000%, 12/15/33 – AGM Insured	No Opt. Call	AA	10,603,600
3,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.000%, 6/15/42	No Opt. Call	A–	3,244,800
10,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2013AA, 5.000%, 6/15/44	6/23 at 100.00	A–	10,980,000
10,040	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2014AA, 5.000%, 6/15/44	6/24 at 100.00	A–	11,149,018

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA:			
13,680	4.750%, 6/15/38	6/25 at 100.00	A-	14,865,919
5,245	5.250%, 6/15/41	6/25 at 100.00	A-	5,961,467
8,230	5.000%, 6/15/45	6/25 at 100.00	A-	9,144,847
33,200	New Jersey Turnpike Authority, Revenue Bonds, Refunding Series 2005D-1, 5.250%, 1/01/26 – AGM Insured	No Opt. Call	AA	43,454,484
200	New Jersey Turnpike Authority, Revenue Bonds, Tender Option Bond Trust 2016-XF1057, 15.656%, 1/01/43 (IF) (5)	7/22 at 100.00	A+	336,016
1,135	Rutgers State University, New Jersey, Revenue Bonds, Refunding Series 2013L, 5.000%, 5/01/43 Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A:	5/23 at 100.00	Aa3	1,339,697
3,070	4.500%, 6/01/23	6/17 at 100.00	Baa3	3,132,413
1,580	4.625%, 6/01/26	6/17 at 100.00	B+	1,596,953
19,150	5.000%, 6/01/29	6/17 at 100.00	B	19,357,203
8,495	4.750%, 6/01/34	6/17 at 100.00	B-	8,334,190
1,330	Washington Township Board of Education, Mercer County, New Jersey, General Obligation Bonds, Series 2005, 5.250%, 1/01/26 – AGM Insured	No Opt. Call	A2	1,719,344
207,710	Total New Jersey New Mexico – 0.4% (0.3% of Total Investments)			214,073,500
13,600	University of New Mexico, Revenue Bonds, System Improvement Subordinated Lien Series 2007A, 5.000%, 6/01/36 (Pre-refunded 6/01/17) – AGM Insured New York – 6.1% (3.9% of Total Investments)	6/17 at 100.00	AA (4)	14,113,400
705	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 4.000%, 7/01/45	7/25 at 100.00	BBB+	764,121
5,810	Build NYC Resource Corporation, Revenue Bonds, New York, Albert Einstein College of Medicine, Inc., Series 2015, 5.500%, 9/01/45	9/25 at 100.00	N/R	6,993,729
2,250	Dormitory Authority of the State of New York, Insured Revenue Bonds, Mount Sinai School of Medicine, Series 1994A, 5.150%, 7/01/24 – NCFG Insured Dormitory Authority of the State of New York, Revenue Bonds, Icahn School of Medicine at Mount Sinai, Series 2015A:	No Opt. Call	AA-	2,759,580
400	4.000%, 7/01/40	7/25 at 100.00	A-	443,152

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

4,070	5.000%, 7/01/45	7/25 at 100.00	A-	4,906,222
7,225	Dormitory Authority of the State of New York, Revenue Bonds, Non State Supported Debt, Cornell University, Series 2010A, 5.000%, 7/01/35	7/20 at 100.00	Aa1	8,311,279
5,005	Dormitory Authority of the State of New York, Revenue Bonds, Non State Supported Debt, Vassar College, Series 2007, 5.000%, 7/01/46 Dormitory Authority of the State of New York, Revenue Bonds, Orange Regional Medical Center Obligated Group, Series 2015:	7/17 at 100.00	AA-	5,200,796
2,700	5.000%, 12/01/40	No Opt. Call Ba1		3,060,369
5,600	5.000%, 12/01/45 Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Tender Option Bond Trust 3518:	No Opt. Call Ba1		6,324,472
2,000	12.934%, 2/15/33 (IF)	2/19 at 100.00	AAA	2,632,100
1,335	12.923%, 2/15/33 (IF)	2/19 at 100.00	AAA	1,755,979
14,585	Dutchess County Local Development Corporation, New York, Revenue Bonds, Health Quest Systems, Inc. Project, Series 2016B, 4.000%, 7/01/41 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A:	7/26 at 100.00	A-	15,926,528
850	5.750%, 2/15/47	2/21 at 100.00	A	1,005,865
2,400	5.250%, 2/15/47 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A:	2/21 at 100.00	A	2,764,824
2,185	5.000%, 2/15/47 – FGIC Insured	2/17 at 100.00	A	2,234,621
10,955	4.500%, 2/15/47 – NPMG Insured	2/17 at 100.00	AA-	11,172,019
170	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006A, 5.000%, 12/01/25 – FGIC Insured Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2014A:	10/16 at 100.00	AA-	170,646
550	4.000%, 9/01/39 – AGM Insured	9/24 at 100.00	AA	603,730
390	5.000%, 9/01/44	9/24 at 100.00	A-	464,771
3,300	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 – NPMG Insured	11/16 at 100.00	AA-	3,324,453
6,075	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2011A, 5.000%, 5/01/36 – AGM Insured	5/21 at 100.00	AA	7,004,050

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

10,000	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2012A, 5.000%, 9/01/42	9/22 at 100.00	A-	11,761,800
1,858	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2006B, 4.500%, 11/15/32 – AGM Insured (Pre-refunded 11/15/16) (UB)	11/16 at 100.00	AA (4)	1,880,230
11,742	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2006B, 4.500%, 11/15/32 – AGM Insured (UB)	11/16 at 100.00	AA	11,872,822
4,315	Monroe County Industrial Development Corporation, New York, FHA Insured Mortgage Revenue Bonds, Unity Hospital of Rochester Project, Series 2010, 5.500%, 8/15/40	2/21 at 100.00	AA	5,086,091
1,000	Nassau County Local Economic Assistance Corporation, New York, Revenue Bonds, Catholic Health Services of Long Island Obligated Group Project, Series 2014, 5.000%, 7/01/31	7/24 at 100.00	BBB+	1,186,940
1,665	Nassau County Tobacco Settlement Corporation, New York, Tobacco Settlement Asset-Backed Bonds, Series 2006A-3, 5.000%, 6/01/35	10/16 at 100.00	B-	1,664,867
4,050	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 7.000%, 3/01/49 – AGC Insured	3/19 at 100.00	AA	4,685,891
11,570	New York City Municipal Water Authority, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2016, Series 2015BB-1, 5.000%, 6/15/46 (UB)	6/25 at 100.00	AA+	14,117,251
10	New York City, New York, General Obligation Bonds, Fiscal Series 2002G: 5.000%, 8/01/17	10/16 at 100.00	AA	10,038
75	5.750%, 8/01/18	10/16 at 100.00	AA	75,332
5	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/26 – FGIC Insured	10/16 at 100.00	AA	5,019
30,265	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44	11/24 at 100.00	N/R	34,823,212
70	New York State Housing Finance Agency, Mortgage Revenue Refunding Bonds, Housing Project, Series 1996A, 6.125%, 11/01/20 – AGM Insured	11/16 at 100.00	AA	70,229
5,655	Onondaga Civic Development Corporation, New York, Revenue Bonds, Saint Joseph's Hospital Health Center Project, Series 2012, 5.000%, 7/01/42 (Pre-refunded 7/01/22)	7/22 at 100.00	N/R (4)	6,972,728
8,550	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010: 5.500%, 12/01/31	12/20 at 100.00	Baa1	9,887,733

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

3,155	6.000%, 12/01/36	12/20 at 100.00	Baa1	3,729,178
2,500	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Refunding Series 2015A, 5.000%, 11/15/50	5/25 at 100.00	AA-	3,027,925
2,430	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Refunding Subordinate Lien Series 2013A:			
1,435	0.000%, 11/15/31	No Opt. Call	A+	1,632,984
10,665	0.000%, 11/15/32	No Opt. Call	A+	934,960
1,490	TSASC Inc., New York, Tobacco Asset-Backed Bonds, Series 2006, 5.125%, 6/01/42	10/16 at 100.00	B-	10,626,393
191,065	Westchester County Local Development Corporation, New York, Revenue Bonds, Westchester Medical Center Obligated Group Project, Series 2016, 5.000%, 11/01/46	11/25 at 100.00	BBB	1,752,255
	Total New York			213,627,184
	North Carolina – 1.0% (0.7% of Total Investments)			
3,000	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care Revenue Bonds, DBA Carolinas HealthCare System, Series 2008A, 5.000%, 1/15/47	1/18 at 100.00	AA-	3,133,380
1,255	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2009A, 5.000%, 6/01/39 (Pre-refunded 6/01/19)	6/19 at 100.00	Aa2 (4)	1,408,738
10,000	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	AA	11,699,300
4,715	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Vidant Health, Refunding Series 2012A, 5.000%, 6/01/36	6/22 at 100.00	A+	5,441,534
	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, WakeMed, Refunding Series 2012A:			
5,000	5.000%, 10/01/27	10/22 at 100.00	A+	5,941,050
2,150	5.000%, 10/01/38	10/22 at 100.00	A+	2,513,866
1,495	North Carolina Medical Care Commission, Health System Revenue Bonds, Mission St. Joseph's Health System, Series 2007, 4.500%, 10/01/31 (Pre-refunded 10/01/17) (UB)	10/17 at 100.00	N/R (4)	1,564,981
2,505	North Carolina Medical Care Commission, Health System Revenue Bonds, Mission St. Joseph's Health System, Series 2007, 4.500%, 10/01/31 (UB)	10/17 at 100.00	AA-	2,602,394
540	Oak Island, North Carolina, Enterprise System Revenue Bonds, Series 2009, 6.000%, 6/01/34 (Pre-refunded 6/01/19) – AGC Insured	6/19 at 100.00	AA (4)	621,815
830	University of North Carolina, Greensboro, General Revenue Bonds, Series 2014, 5.000%, 4/01/39	4/24 at 100.00	Aa3	987,410
31,490	Total North Carolina			35,914,468

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

North Dakota – 0.5% (0.3% of Total Investments)
 Grand Forks, North Dakota, Health Care System Revenue
 Bonds, Altru Health System Obligated
 Group, Series 2012:

7,000	5.000%, 12/01/29	12/21 at 100.00	A–	7,972,580
3,000	5.000%, 12/01/32	12/21 at 100.00	A–	3,378,150
2,245	5.000%, 12/01/35	12/21 at 100.00	A–	2,512,492
	Williston Parks and Recreation District, North Dakota, Sales Tax & Gross Revenue Bonds, Series 2012A:			
600	3.000%, 3/01/18	No Opt. Call	BBB–	603,972
970	4.000%, 3/01/19	No Opt. Call	BBB–	1,006,288
1,085	5.000%, 3/01/21	No Opt. Call	BBB–	1,186,545
2,535	Williston, North Dakota, Multifamily Housing Revenue Bonds, Eagle Crest Apartments LLC Project, Series 2013, 7.750%, 9/01/38 (8)	9/23 at 100.00	N/R	1,520,873
17,435	Total North Dakota			18,180,900
	Ohio – 8.2% (5.3% of Total Investments)			
4,185	Akron, Bath and Copley Joint Township Hospital District, Ohio, Hospital Revenue Bonds, Children’s Hospital Medical Center, Improvement & Refunding Series 2012, 5.000%, 11/15/42 Allen County, Ohio, Hospital Facilities Revenue Bonds, Catholic Health Partners, Refunding and Improvement Series 2012A:	5/22 at 100.00	A1	4,718,295
1,930	5.000%, 5/01/33	5/22 at 100.00	AA–	2,246,674
2,540	4.000%, 5/01/33	5/22 at 100.00	AA–	2,733,091
3,405	5.000%, 5/01/42	5/22 at 100.00	AA–	3,915,682
9,405	American Municipal Power Ohio Inc., Prairie State Energy Campus Project Revenue Bonds, Series 2008A, 5.250%, 2/15/43 (Pre-refunded 2/15/18)	2/18 at 100.00	N/R (4)	10,083,101
595	American Municipal Power Ohio Inc., Prairie State Energy Campus Project Revenue Bonds, Series 2008A, 5.250%, 2/15/43 Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:	2/18 at 100.00	A1	632,604
17,305	5.375%, 6/01/24	6/17 at 100.00	B–	17,113,261
43,260	5.125%, 6/01/24	6/17 at 100.00	B–	42,727,469
12,720	5.875%, 6/01/30	6/17 at 100.00	B–	12,721,272
26,460	5.750%, 6/01/34	6/17 at 100.00	B–	26,340,930

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

2,715	6.000%, 6/01/42	6/17 at 100.00	B-	2,715,624
19,115	5.875%, 6/01/47	6/17 at 100.00	B-	19,105,060
10,000	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37	6/22 at 100.00	B-	10,216,800
8,310	Cleveland Heights-University Heights City School District, Ohio, General Obligation Bonds, School Improvement Series 2014, 5.000%, 12/01/51	6/23 at 100.00	AA	9,806,797
10,000	Columbus City School District, Franklin County, Ohio, General Obligation Bonds, Refunding Series 2006, 4.250%, 12/01/32 – AGM Insured	12/16 at 100.00	AA+	10,100,700
7,870	Franklin County, Ohio, Hospital Revenue Bonds, Nationwide Children’s Hospital Project, Improvement Series 2012A, 5.000%, 11/01/42	5/22 at 100.00	Aa2	8,995,410
28,580	Hamilton County, Ohio, Sales Tax Bonds, Subordinate Lien, Series 2006A, 4.250%, 12/01/32 – AMBAC Insured	12/16 at 100.00	A1	28,756,053
6,425	JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor Profits Revenue Bonds, Series 2013A, 5.000%, 1/01/38 (UB) (5) JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor Profits Revenue Bonds, Tender Option Bond Trust 2016-XG0052:	1/23 at 100.00	AA	7,543,079
1,250	16.211%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	2,120,100
2,000	16.211%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	3,392,160
625	16.211%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	1,060,050
1,725	16.211%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	2,925,738
1,750	16.202%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	2,967,458
390	16.096%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	659,396
2,365	Lorain County Port Authority, Ohio, Recovery Zone Facility Economic Development Revenue Bonds, United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40	12/20 at 100.00	B	2,346,837
2,885	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41 Middletown City School District, Butler County, Ohio, General Obligation Bonds, Refunding Series 2007:	11/21 at 100.00	AA	3,535,077
4,380	5.250%, 12/01/27 – AGM Insured	No Opt. Call	A2	5,804,945
6,000	5.250%, 12/01/31 – AGM Insured	No Opt. Call	A2	8,045,700
12,000	Muskingum County, Ohio, Hospital Facilities Revenue Bonds, Genesis HealthCare System Obligated	2/23 at 100.00	BB+	13,044,480

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

4,975	Group Project, Series 2013, 5.000%, 2/15/48 Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.000%, 2/15/48	2/23 at 100.00	A+	5,771,199
1,240	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Projects, Junior Lien Convertible Series 2013A-3, 0.000%, 2/15/36 (7)	2/31 at 100.00	A+	1,249,920
7,985	Scioto County, Ohio, Hospital Facilities Revenue Bonds, Southern Ohio Medical Center, Refunding Series 2016, 3.500%, 2/15/38 Southeastern Ohio Port Authority, Hospital Facilities Revenue Bonds, Memorial Health System Obligated Group Project, Refunding and Improvement Series 2012:	2/26 at 100.00	A2	8,230,379
1,095	5.750%, 12/01/32	12/22 at 100.00	BB	1,263,510
870	6.000%, 12/01/42	12/22 at 100.00	BB	1,001,718
1,330	Tuscarawas County Economic Development and Finance Alliance, Ohio, Higher Education Facilities Revenue Bonds, Ashland University, Refunding & Improvement Series 2015, 6.000%, 3/01/45	3/25 at 100.00	N/R	1,399,120
2,000	University of Akron, Ohio, General Receipts Bonds, Federally Taxable Build America Bonds, Series 2010B, 5.000%, 1/01/29 – AGM Insured	1/20 at 100.00	AA	2,260,520
269,685	Total Ohio Oklahoma – 1.2% (0.7% of Total Investments)			287,550,209
1,400	Fort Sill Apache Tribe of Oklahoma Economic Development Authority, Gaming Enterprise Revenue Bonds, Fort Sill Apache Casino, Series 2011A, 8.500%, 8/25/26	8/21 at 100.00	N/R	1,695,302
3,500	Grand River Dam Authority, Oklahoma, Revenue Bonds, Series 2010A, 5.250%, 6/01/40 Oklahoma City Water Utilities Trust, Oklahoma, Water and Sewer Revenue Bonds, Series 2011:	6/20 at 100.00	A+	4,002,460
1,000	5.375%, 7/01/40	7/21 at 100.00	AAA	1,188,430
1,500	5.000%, 7/01/40	7/21 at 100.00	AAA	1,745,880
1,675	Oklahoma Development Finance Authority, Health System Revenue Bonds, Integris Baptist Medical Center, Series 2008B, 5.250%, 8/15/38 (Pre-refunded 8/15/18) Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007:	8/18 at 100.00	AA– (4)	1,832,584
2,300	5.000%, 2/15/37	2/17 at 100.00	AA	2,349,312
5,840	5.000%, 2/15/42	2/17 at 100.00	AA	5,963,925
75	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37 (Pre-refunded 2/15/17)		N/R (4)	76,831

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		2/17 at 100.00		
200	5.000%, 2/15/42 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	204,882
21,060	Oklahoma Municipal Power Authority, Power Supply System Revenue Bonds, Series 2007, 4.500%, 1/01/47 – FGIC Insured	1/17 at 100.00	AA–	21,375,058
38,550	Total Oklahoma Oregon – 0.4% (0.2% of Total Investments) Multnomah County Hospital Facilities Authority, Oregon, Revenue Bonds, Mirabella South Waterfront, Refunding Series 2014A:			40,434,664
1,000	5.400%, 10/01/44	10/24 at 100.00	N/R	1,130,560
800	5.500%, 10/01/49	10/24 at 100.00	N/R	897,240
4,000	Oregon Department of Administrative Services, State Lottery Revenue Bonds, Series 2011A, 5.250%, 4/01/31	4/21 at 100.00	AAA	4,706,000
3,000	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Senior Lien Series 2009A, 5.000%, 11/15/33 (Pre-refunded 5/15/19)	5/19 at 100.00	AAA	3,361,260
2,110	Oregon State Facilities Authority, Revenue Bonds, University of Portland Projects, Series 2015A, 4.000%, 4/01/40	4/25 at 100.00	A–	2,295,216
10,910	Total Oregon Pennsylvania – 7.3% (4.8% of Total Investments) Allegheny County Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009:			12,390,276
170	6.750%, 11/01/24	11/19 at 100.00	B	167,345
195	6.875%, 5/01/30	11/19 at 100.00	B	192,654
2,000	Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, University of Pittsburgh Medical Center, Series 2009A, 5.625%, 8/15/39	8/19 at 100.00	Aa3	2,263,780
10	Allegheny County Industrial Development Authority, Pennsylvania, Revenue Bonds, United States Steel Corporation, Series 2005, 5.500%, 11/01/16	No Opt. Call	B	10,064
3,330	Allegheny County Sanitary Authority, Pennsylvania, Sewer Revenue Bonds, Refunding Series 2010, 5.000%, 6/01/40 – AGM Insured	12/20 at 100.00	AA	3,825,171
6,015	Chester County Health and Educational Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010A, 5.000%, 5/15/40	5/20 at 100.00	AA	6,743,597
1,000	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015, 5.000%, 1/01/29	1/25 at 100.00	BBB+	1,191,720

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

7,630	Dauphin County General Authority, Pennsylvania, Health System Revenue Bonds, Pinnacle Health System Project, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	A+	8,751,610
8,750	Delaware River Port Authority, New Jersey and Pennsylvania, Revenue Bonds, Series 2010E, 5.000%, 1/01/40 – AGM Insured	1/20 at 100.00	AA	9,880,325
3,255	Huntingdon County General Authority, Pennsylvania, Revenue Bonds, Juniata College, Series 2016OO2, 5.000%, 5/01/46	5/26 at 100.00	BBB+	3,807,927
1,250	Lancaster County Hospital Authority, Pennsylvania, Revenue Bonds, Landis Homes Retirement Community Project, Refunding Series 2015A, 5.000%, 7/01/45	7/25 at 100.00	BBB–	1,427,050
1,500	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	1,770,615
7,970	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010: 5.250%, 8/01/33 (Pre-refunded 8/01/20)	8/20 at 100.00	N/R (4)	9,373,916
5,295	5.375%, 8/01/38 (Pre-refunded 8/01/20)	8/20 at 100.00	N/R (4)	6,253,766
10,450	Montgomery County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Albert Einstein Healthcare Network Issue, Series 2015A: 5.250%, 1/15/45	1/25 at 100.00	Baa2	11,997,645
1,150	5.250%, 1/15/46	1/25 at 100.00	Baa2	1,319,395
11,810	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC Project, Series 2009A, 6.400%, 12/01/38	9/25 at 100.00	B+	12,717,362
4,675	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2016-120, 3.200%, 4/01/40	10/25 at 100.00	AA+	4,703,003
20,600	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured	12/16 at 100.00	AA	20,855,028
3,705	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A1	4,390,166
11,615	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2016A-1: 5.000%, 12/01/41	6/26 at 100.00	A1	13,909,311
34,115	5.000%, 12/01/46	6/26 at 100.00	A1	40,691,349
11,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2009C, 6.250%, 6/01/33 – AGM Insured	6/26 at 100.00	AA	14,805,890
15,000			A–	17,520,300

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, 12/25 at Subordinate Series 2015B-1, 5.000%, 12/01/45	100.00		
10,080	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Temple University Health System Obligated Group, Series 2012A, 5.625%, 7/01/42 Philadelphia, Pennsylvania, Airport Revenue Bonds, Series 2010A:	7/22 at 100.00	BBB-	11,342,621
5,000	5.000%, 6/15/35 – AGM Insured	6/20 at 100.00	AA	5,648,700
17,850	5.000%, 6/15/40 – AGM Insured	6/20 at 100.00	AA	20,165,859
7,055	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Hotel Room Excise Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/35 – AGC Insured	8/20 at 100.00	AA	7,995,502
5,180	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Sales Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/31 – AGM Insured Scranton, Pennsylvania, Sewer Authority Revenue Bonds, Series 2011A:	8/20 at 100.00	AA	5,903,387
1,125	5.250%, 12/01/31 – AGM Insured	12/21 at 100.00	AA	1,323,585
1,000	5.500%, 12/01/35 – AGM Insured	12/21 at 100.00	AA	1,189,940
5,790	Susquehanna Area Regional Airport Authority, Pennsylvania, Airport System Revenue Bonds, Series 2012B, 4.000%, 1/01/33	No Opt. Call	Baa3	5,943,030
225,570	Total Pennsylvania Puerto Rico – 0.5% (0.3% of Total Investments)			258,081,613
590	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2004J, 5.000%, 7/01/29 – NPPFG Insured Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A:	10/16 at 100.00	AA-	590,059
50,000	0.000%, 8/01/47 – AMBAC Insured	No Opt. Call	Caa3	7,241,000
86,250	0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	Caa3	8,505,975
136,840	Total Puerto Rico Rhode Island – 1.2% (0.8% of Total Investments)			16,337,034
1,890	Providence Housing Development Corporation, Rhode Island, FHA-Insured Section 8 Assisted Mortgage Revenue Refunding Bonds, Barbara Jordan Apartments, Series 1994A, 6.750%, 7/01/25 – NPPFG Insured Rhode Island Commerce Corporation, Airport Revenue Bonds, Series 2016D:	1/17 at 100.00	AA-	1,896,917
2,740	5.000%, 7/01/41	7/26 at 100.00	BBB+	3,264,244

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

2,005	5.000%, 7/01/46	7/26 at 100.00	BBB+	2,377,148
1,000	Rhode Island Health and Educational Building Corporation, Revenue Bonds, Care New England Health System, Series 2013A, 6.000%, 9/01/33	9/23 at 100.00	BBB	1,165,260
305,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52	6/17 at 12.63	CCC+	32,009,750
312,635	Total Rhode Island South Carolina – 5.0% (3.3% of Total Investments)			40,713,319
29,300	Anderson County School District 5, South Carolina, General Obligation Bonds, Series 2008, 5.250%, 2/01/38 (Pre-refunded 2/01/18) – AGM Insured	2/18 at 100.00	Aa1 (4)	31,374,733
1,950	Greenville County School District, South Carolina, Installment Purchase Revenue Bonds, Series 2006, 5.000%, 12/01/28 (Pre-refunded 12/01/16) – AGM Insured	12/16 at 100.00	AA (4)	1,980,225
7,600	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/31 – AMBAC Insured	No Opt. Call	A–	5,013,796
4,050	Saint Peters Parish/Jasper County Public Facilities Corporation, South Carolina, Installment Purchase Revenue Bonds, County Office Building Projects, Series 2011A, 5.250%, 4/01/44 – AGC Insured	4/21 at 100.00	AA	4,643,973
1,250	South Carolina Jobs-Economic Development Authority, Hospital Revenue Bonds, Palmetto Health, Refunding Series 2011A, 6.500%, 8/01/39 – AGM Insured	8/21 at 100.00	AA	1,542,825
15,000	South Carolina Public Service Authority Santee Cooper Revenue Obligations, Refunding Series 2016B, 5.000%, 12/01/56	12/26 at 100.00	AA–	17,722,350
34,790	South Carolina Public Service Authority, Electric System Revenue Bonds, Santee Cooper, Series 2014C, 5.000%, 12/01/46 (UB)	12/24 at 100.00	AA–	41,184,054
20	South Carolina Public Service Authority, Electric System Revenue Bonds, Santee Cooper, Series 2008A, 5.500%, 1/01/38 (Pre-refunded 1/01/19) South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding & Improvement Series 2015A:	1/19 at 100.00	AA– (4)	22,356
5,000	5.000%, 12/01/50	6/25 at 100.00	AA–	5,838,800
6,000	5.000%, 12/01/55	6/25 at 100.00	AA–	7,021,920
5,000	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding Series 2014C, 5.000%, 12/01/46	12/24 at 100.00	AA–	5,918,950
1,310	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2013A, 5.125%, 12/01/43	12/23 at 100.00	AA–	1,552,953
10,195			AA–	12,292,519

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2014A, 5.500%, 12/01/54	6/24 at 100.00		
24,745	South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2007A, 4.500%, 10/01/34 (Pre-refunded 10/01/16) – SYNCORA GTY Insured	10/16 at 100.00	A1 (4)	24,917,720
3,800	South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2010A, 5.250%, 10/01/40	10/19 at 100.00	A1	4,262,688
10,250	Spartanburg Regional Health Services District, Inc., South Carolina, Hospital Revenue Refunding Bonds, Series 2012A, 5.000%, 4/15/32	4/22 at 100.00	A+	11,785,040
160,260	Total South Carolina South Dakota – 0.3% (0.2% of Total Investments)			177,074,902
	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Avera Health, Series 2012A:			
250	5.000%, 7/01/27	7/21 at 100.00	AA–	289,438
4,350	5.000%, 7/01/42	7/21 at 100.00	AA–	4,923,852
2,055	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2014B, 5.000%, 11/01/44	11/24 at 100.00	A+	2,418,386
910	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2015, 5.000%, 11/01/45	11/25 at 100.00	A+	1,081,590
7,565	Total South Dakota Tennessee – 0.7% (0.4% of Total Investments)			8,713,266
12,795	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	A–	14,710,795
2,350	Chattanooga-Hamilton County Hospital Authority, Tennessee, Hospital Revenue Bonds, Erlanger Health System, Refunding Series 2014A, 5.000%, 10/01/39	10/24 at 100.00	BBB+	2,720,572
	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Bonds, Vanderbilt University Medical Center, Series 2016A:			
4,895	5.000%, 7/01/40	7/26 at 100.00	A3	5,918,887
525	5.000%, 7/01/46	7/26 at 100.00	A3	631,759
20,565	Total Tennessee Texas – 13.0% (8.4% of Total Investments)			23,982,013
735	Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Wayside Schools, Series 2016A, 4.375%, 8/15/36	8/21 at 100.00	BB+	748,972
3,855	Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public	3/23 at 103.00	N/R	4,028,745

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Improvement District Phase 1 Project, Series 2015, 7.250%, 9/01/45			
3,450	Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public	3/23 at 103.00	N/R	3,594,003
	Improvement District Phases 2-3 Major Improvements Project, Series 2015, 8.250%, 9/01/40			
5,480	Austin, Texas, Electric Utility System Revenue Bonds, Series 2015A, 5.000%, 11/15/45 (UB) (5)	11/25 at 100.00	AA-	6,609,757
6,685	Bexar County, Texas, Venue Project Revenue Bonds, Refunding Series 2010, 5.500%, 8/15/49 – AGM Insured	8/19 at 100.00	AA	7,417,475
2,500	Board of Managers, Joint Guadalupe County-Seguin City Hospital, Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015, 5.000%, 12/01/45	12/25 at 100.00	BB	2,695,125
2,440	Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II Public Improvement District Neighborhood Improvement Area 1 Project, Series 2015, 7.250%, 9/01/45	3/23 at 103.00	N/R	2,563,757
4,300	Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II Public Improvement District Neighborhood Improvement Areas 2-5 Major Improvement Project, Series 2015, 8.250%, 9/01/40	3/23 at 103.00	N/R	4,508,679
405	Celina, Texas, Special Assessment Revenue Bonds, Wells South Public Improvement District Neighborhood Improvement Area 1 Project, Series 2015, 6.250%, 9/01/45	9/24 at 100.00	N/R	428,539
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011:			
1,500	5.750%, 1/01/31 (Pre-refunded 1/01/21)	1/21 at 100.00	BBB+ (4)	1,816,515
1,700	6.250%, 1/01/46 (Pre-refunded 1/01/21)	1/21 at 100.00	BBB+ (4)	2,095,505
13,685	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A, 5.000%, 1/01/45	7/25 at 100.00	BBB+	16,201,261
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2016:			
5,000	5.000%, 1/01/40	1/26 at 100.00	BBB+	5,992,400
18,410	3.375%, 1/01/41	1/26 at 100.00	BBB+	18,333,783
1,500	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Idea Public Schools, Series 2012, 3.750%, 8/15/22	No Opt. Call	BBB	1,616,955
	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2013A:			
765	4.350%, 12/01/42	12/22 at 100.00	BBB-	793,756
375	4.400%, 12/01/47		BBB-	389,074

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

		12/22 at 100.00		
4,000	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2015A, 5.000%, 12/01/45 Club Municipal Management District 1, Texas, Special Assessment Revenue Bonds, Improvement Area 1 Project, Series 2016:	6/25 at 100.00	BBB-	4,568,040
765	5.750%, 9/01/28	9/23 at 103.00	N/R	784,974
770	6.500%, 9/01/46	9/23 at 103.00	N/R	789,404
11,735	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured	11/21 at 100.00	A+	13,550,170
400	Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2014A, 5.250%, 9/01/44	9/24 at 100.00	BB+	436,268
880	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012A. RMKT, 4.750%, 5/01/38	11/22 at 100.00	Baa3	966,680
8,920	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012B, 4.750%, 11/01/42	11/22 at 100.00	Baa3	9,777,301
20,000	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Subordinate Lien Series 2013B, 5.250%, 10/01/51	10/23 at 100.00	AA+	23,953,000
10,000	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Series 2013B, 5.000%, 4/01/53 (UB)	10/23 at 100.00	AA+	11,703,400
5,470	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2015-XF0228, 16.659%, 4/01/53 (IF)	10/23 at 100.00	AA+	9,198,079
4,255	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015, 5.000%, 12/01/45	6/25 at 100.00	AA	5,082,598
1,100	Harris County Flood Control District, Texas, General Obligation Bonds, Improvement Series 2006, 5.000%, 10/01/26 (Pre-refunded 10/01/16)	10/16 at 100.00	AAA	1,108,701
1,545	Harris County Metropolitan Transit Authority, Texas, Sales and Use Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0054, 12.647%, 11/01/41 (IF) (5)	11/21 at 100.00	AA+	2,359,400
4,080	Harris County, Texas, General Obligation Toll Road Revenue Bonds, Tender Option Bond Trust 2015-XF0074, 13.543%, 8/15/32 – AGM Insured (IF)	No Opt. Call	AAA	8,961,802
6,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A, 0.000%, 11/15/48 Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Senior Lien Series 2014A:	11/31 at 44.13	AA	1,568,940

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

1,500	5.000%, 11/15/28	11/24 at 100.00	A2	1,831,905
6,000	5.000%, 11/15/53	11/24 at 100.00	A2	6,902,700
15,995	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3, 0.000%, 11/15/34 – NPMFG Insured	11/24 at 55.69	AA–	6,631,207
5,000	Houston Higher Education Finance Corporation, Texas, Education Revenue Bonds, KIPP, Inc., Refunding Series 2015, 4.000%, 8/15/44	8/25 at 100.00	AAA	5,501,600
	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Facilities Department, Refunding Series 2011B:			
3,500	5.125%, 9/01/32 – AGM Insured	9/16 at 100.00	AA	3,514,035
2,055	5.125%, 9/01/33 – AGM Insured	9/16 at 100.00	AA	2,063,241
	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B:			
4,130	0.000%, 9/01/26 – AMBAC Insured	No Opt. Call	AA	3,189,310
4,865	0.000%, 9/01/27 – AGM Insured	No Opt. Call	AA	3,594,408
4,715	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40	9/24 at 100.00	A2	5,558,183
17,000	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	AA (4)	26,171,160
6,700	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46	8/21 at 100.00	A	7,724,162
3,500	Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43	8/19 at 100.00	BBB+	3,729,495
940	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30	8/25 at 100.00	BBB+	1,120,358
1,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2015, 5.000%, 5/15/45	5/25 at 100.00	A+	1,195,370
	McCamey County Hospital District, Texas, General Obligation Bonds, Series 2013:			
3,095	5.750%, 12/01/33	12/25 at 100.00	Ba2	3,615,950
3,125	6.125%, 12/01/38	12/25 at 100.00	Ba2	3,666,031
4,000	Midway Independent School District, McLennan County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2000, 0.000%, 8/15/16	No Opt. Call	Aaa	3,999,240
	New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue			

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Bonds, Legacy at Willow Bend Project, Series 2016:					
2,335	5.000%, 11/01/46 (WI/DD, Settling 8/04/16)	11/23 at 103.00	BBB-	2,647,236	
6,015	5.000%, 11/01/51 (WI/DD, Settling 8/04/16)	11/23 at 103.00	BBB-	6,787,988	
745	New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Wesleyan Homes, Inc. Project, Series 2014, 5.500%, 1/01/43	1/25 at 100.00	N/R	811,976	
210	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi II, L.L.C.-Texas A&M University-Corpus Christi Project, Series 2016A, 5.000%, 4/01/48	4/26 at 100.00	BBB-	241,242	
4,530	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation – College Station I LLC – Texas A&M University Project, Series 2014A, 4.100%, 4/01/34 – AGM Insured	4/24 at 100.00	AA	4,888,414	
820	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation – San Antonio 1, L.L.C. – Texas A&M University – San Antonio Project, Series 2016A, 5.000%, 4/01/48 New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation – Stephenville II, L.L.C. – Tarleton State University Project, Series 2014A:	4/26 at 100.00	BBB-	935,390	
1,000	5.000%, 4/01/34	4/24 at 100.00	BBB-	1,157,030	
2,200	5.000%, 4/01/39	4/24 at 100.00	BBB-	2,505,448	
1,600	5.000%, 4/01/46	4/24 at 100.00	BBB-	1,816,256	
5,540	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Galveston-Texas A&M University at Galveston Project, Series 2014A, 5.000%, 4/01/39	4/24 at 100.00	Baa3	6,240,311	
3,220	North Fort Bend Water Authority, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 12/15/36 – AGM Insured North Texas Tollway Authority, Special Projects System Revenue Bonds, Convertible Capital Appreciation Series 2011C:	12/21 at 100.00	AA	3,695,980	
2,590	0.000%, 9/01/43 (7)	9/31 at 100.00	AA+	2,830,482	
3,910	0.000%, 9/01/45 (7)	9/31 at 100.00	AA+	4,591,396	
3,000			AA+	3,587,940	

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 5.500%, 9/01/41 (UB) (5)	9/21 at 100.00		
6,155	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2015B, 5.000%, 1/01/40	1/23 at 100.00	A1	7,222,092
4,900	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A: 5.000%, 1/01/32	1/25 at 100.00	A2	5,924,345
2,205	5.000%, 1/01/34	1/25 at 100.00	A2	2,647,235
2,000	5.000%, 1/01/38	1/25 at 100.00	A2	2,377,580
610	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.125%, 2/01/39	2/24 at 100.00	Ba2	660,484
2,500	Red River Education Finance Corporation, Texas, Higher Education Revenue Bonds, Saint Edwards University Project, Series 2016, 4.000%, 6/01/41	6/26 at 100.00	BBB+	2,696,075
1,280	San Antonio, Texas, Electric and Gas System Revenue Bonds, Refunding Series 1992, 5.000%, 2/01/17 (ETM)	No Opt. Call	AA+ (4)	1,309,158
4,375	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Tender Option Bond Trust 2016-XF0389, 8.741%, 11/15/47 (IF) (5)	11/17 at 100.00	AA	4,807,950
2,410	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Baylor Health Care System, Series 2011A, 5.000%, 11/15/30	11/21 at 100.00	AA-	2,795,094
1,870	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Hendrick Medical Center, Refunding Series 2013, 5.500%, 9/01/43	9/23 at 100.00	A	2,212,995
215	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2010: 5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	254,855
2,675	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	AA- (4)	3,176,723
17,640	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2016A, 5.000%, 11/15/45 (UB)	5/26 at 100.00	AA-	21,432,424
7,430	Texas City Industrial Development Corporation, Texas, Industrial Development Revenue Bonds, NRG Energy, Inc. Project, Fixed Rate Series 2012, 4.125%, 12/01/45	2/25 at 100.00	Baa3	7,772,672

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:			
3,635	5.000%, 12/15/22	No Opt. Call A3		4,357,056
2,500	5.000%, 12/15/26	No Opt. Call A3		2,933,850
2,500	5.000%, 12/15/29	No Opt. Call A3		2,888,600
4,355	5.000%, 12/15/30	No Opt. Call A3		4,993,051
2,975	5.000%, 12/15/32	No Opt. Call A3		3,373,353
3,150	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41 Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2015B:	8/22 at 100.00	A-	3,669,876
11,280	0.000%, 8/15/36	8/24 at 59.60	A-	5,300,923
10,000	0.000%, 8/15/37	8/24 at 56.94	A-	4,493,200
	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C:			
5,000	5.000%, 8/15/37	8/24 at 100.00	BBB+	5,834,350
31,810	5.000%, 8/15/42	8/24 at 100.00	BBB+	37,118,135
4,400	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A-	3,544,904
1,960	Wood County Central Hospital District, Texas, Revenue Bonds, East Texas Medical Center Quitman Project, Series 2011, 6.000%, 11/01/41	11/21 at 100.00	Baa3	2,273,286
1,840	Ysleta Independent School District Public Facility Corporation, Texas, Lease Revenue Refunding Bonds, Series 2001, 5.375%, 11/15/24 – AMBAC Insured	11/16 at 100.00	AA-	1,866,330
419,210	Total Texas Utah – 0.9% (0.6% of Total Investments)			455,325,098
3,000	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.000%, 6/15/36 (Pre-refunded 6/15/18) – AGM Insured	6/18 at 100.00	AAA	3,249,540
4,865	Utah Transit Authority, Sales Tax Revenue Bonds, Tender Option Bond 2015-XF0258, 13.088%, 6/15/36 – AGM Insured (Pre-refunded 6/15/18) (IF) (5)	6/18 at 100.00	AAA	6,078,136
3,615	Utah Transit Authority, Sales Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0023, 12.077%, 6/15/32 – AGM Insured (Pre-refunded 6/15/18) (IF)	6/18 at 100.00	AAA	4,466,441
15,000	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.000%, 6/15/32 – AGM Insured (Pre-refunded 6/15/18) (UB) (5)	6/18 at 100.00	AAA	16,247,700
26,480	Total Utah Virginia – 1.4% (0.9% of Total Investments)			30,041,817

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015:			
1,200	5.300%, 3/01/35	3/25 at 100.00	N/R	1,255,032
1,085	5.600%, 3/01/45	3/25 at 100.00	N/R	1,134,129
10,000	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail Capital Appreciation, Second Senior Lien Series 2010B, 0.000%, 10/01/44 (7)	10/28 at 100.00	BBB+	12,085,200
11,070	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement Project, Refunding Second Senior Lien Series 2014A, 5.000%, 10/01/53	4/22 at 100.00	BBB+	12,423,972
11,000	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Second Senior Lien Revenue Bonds, Series 2009C, 0.000%, 10/01/41 – AGC Insured	10/26 at 100.00	AA	14,955,270
985	Roanoke Industrial Development Authority, Virginia, Hospital Revenue Bonds, Carilion Health System Obligated Group, Series 2005B, 5.000%, 7/01/38	7/20 at 100.00	AA	1,096,709
15	Roanoke Industrial Development Authority, Virginia, Hospital Revenue Bonds, Carilion Health System Obligated Group, Series 2005B, 5.000%, 7/01/38 (Pre-refunded 7/01/20)	7/20 at 100.00	AA (4)	17,456
6,225	Virginia College Building Authority, Educational Facilities Revenue Bonds, 21st Century College Program, Series 2011A, 5.000%, 2/01/17	No Opt. Call	AA+	6,370,043
1,000	Virginia College Building Authority, Educational Facilities Revenue Bonds, Marymount University Project, Green Series 2015B, 5.250%, 7/01/35	7/25 at 100.00	BB+	1,136,640
42,580	Total Virginia Washington – 3.3% (2.2% of Total Investments)			50,474,451
5,000	Energy Northwest, Washington, Electric Revenue Bonds, Columbia Generating Station, Series 2015A, 5.000%, 7/01/38 (UB) (5)	7/25 at 100.00	Aa1	6,087,750
3,750	FYI Properties, Washington, Lease Revenue Bonds, Washington State Department of Information Services Project, Series 2009, 5.500%, 6/01/39 (UB) (5)	6/19 at 100.00	AA	4,198,988
7,500	King County, Washington, General Obligation Sewer Bonds, Tender Option Bond Trust 2016-XL0009, 9.288%, 1/01/39 – AGC Insured (Pre-refunded 1/01/19) (IF) (5)	1/19 at 100.00	AAA	9,195,900
25,000	King County, Washington, Sewer Revenue Bonds, Series 2007, 5.000%, 1/01/42 (Pre-refunded 7/01/17) – AGM Insured	7/17 at 100.00	AA+ (4)	26,042,000
6,010	King County, Washington, Sewer Revenue Bonds, Tender Option Bond Trust 3090, 12.681%, 1/01/39 – AGM Insured (IF) (5)	7/17 at 100.00	AA+	6,761,490

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

	Tacoma, Washington, Solid Waste Utility Revenue Refunding Bonds, Series 2006:			
3,890	5.000%, 12/01/24 (Pre-refunded 12/01/16) – SYNCORA GTY Insured	12/16 at 100.00	AA (4)	3,949,011
4,085	5.000%, 12/01/25 (Pre-refunded 12/01/16) – SYNCORA GTY Insured	12/16 at 100.00	AA (4)	4,146,969
4,290	5.000%, 12/01/26 (Pre-refunded 12/01/16) – SYNCORA GTY Insured	12/16 at 100.00	AA (4)	4,355,079
10,000	University of Washington, General Revenue Bonds, Series 2007, 5.000%, 6/01/37 – AMBAC Insured (Pre-refunded 6/01/17) (UB)	6/17 at 100.00	Aaa	10,379,200
5,750	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	1/21 at 100.00	A	6,542,925
1,250	Washington Health Care Facilities Authority, Revenue Bonds, Providence Health & Services, Tender Option Bond Trust 2015-XF0148, 16.802%, 10/01/44 (IF) (5)	10/24 at 100.00	AA–	2,164,550
2,510	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Refunding Series 2012B, 5.000%, 10/01/30	10/22 at 100.00	Aa2	2,985,243
6,540	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	Aa2	7,636,496
5,000	Washington State Health Care Facilities Authority, Revenue Bonds, Providence Health Care Services, Series 2006A, 4.625%, 10/01/34 – FGIC Insured (UB) (5)	10/16 at 100.00	AA–	5,019,200
21,510	Washington State, General Obligation Bonds, Series 2006, Series 2002C, 0.000%, 6/01/28 – NPMFG Insured (UB) (5)	No Opt. Call	AA+	17,059,796
112,085	Total Washington West Virginia – 1.7% (1.1% of Total Investments)			116,524,597
10,000	West Virginia Economic Development Authority, State Lottery Revenue Bonds, Series 2010A, 5.000%, 6/15/40	6/20 at 100.00	AAA	11,394,600
40,855	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, West Virginia United Health System Obligated Group, Refunding & Improvement Series 2013A, 5.500%, 6/01/44	6/23 at 100.00	A	48,811,920
50,855	Total West Virginia Wisconsin – 2.6% (1.7% of Total Investments)			60,206,520
	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Cornerstone Charter Academy, North Carolina, Series 2016A:			
1,750	5.000%, 2/01/36	2/26 at 100.00	N/R	1,792,560
305	5.125%, 2/01/46	2/26 at 100.00	N/R	314,004
1,480	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Envision Science Academy	5/26 at 100.00	N/R	1,502,600

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

2,500	Project, Series 2016A, 5.125%, 5/01/36 Public Finance Authority, Wisconsin, Exempt Facilities Revenue Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30	5/26 at 100.00	BBB-	2,619,025
8,460	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25	7/21 at 100.00	A2	9,869,267
2,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31	4/23 at 100.00	A2	2,910,600
6,620	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42	10/22 at 100.00	AA-	7,569,043
16,190	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Gundersen Lutheran, Series 2011A, 5.250%, 10/15/39 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B:	10/21 at 100.00	A+	18,729,078
1,485	5.000%, 2/15/40	2/22 at 100.00	A-	1,681,421
3,490	4.500%, 2/15/40	2/22 at 100.00	A-	3,801,099
11,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 5.000%, 6/01/32	6/22 at 100.00	A3	12,610,510
1,500	5.000%, 6/01/39	6/22 at 100.00	A3	1,702,935
1,250	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Meriter Hospital, Inc., Series 2011A, 5.750%, 5/01/35 (Pre-refunded 5/01/21)	5/21 at 100.00	N/R (4)	1,534,550
5,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 3.375%, 8/15/29	8/24 at 100.00	A+	5,288,900
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A, 5.000%, 7/01/34 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Saint John's Communities Inc., Series 2015B:	7/24 at 100.00	BBB+	1,154,940
550	5.000%, 9/15/37	9/22 at 100.00	BBB+	607,734
1,000	5.000%, 9/15/45	9/22 at 100.00	BBB+	1,107,320
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Three Pillars Senior Living Communities, Refunding Series 2013, 5.000%, 8/15/33 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Woodland Hills Senior	8/23 at 100.00	A-	1,142,840

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Housing Project, Series 2014:				
2,565	5.000%, 12/01/44	12/22 at 102.00	N/R	2,717,233
1,775	5.250%, 12/01/49	12/22 at 102.00	N/R	1,890,766
Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson Hollow Project. Series 2014:				
1,000	5.375%, 10/01/44	10/22 at 102.00	N/R	1,073,900
1,500	5.500%, 10/01/49	10/22 at 102.00	N/R	1,611,225
7,460	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, ThedaCare Inc, Series 2015, 5.000%, 12/15/44	12/24 at 100.00	AA-	8,821,375
81,380	Total Wisconsin Wyoming – 0.3% (0.2% of Total Investments)			92,052,925
2,035	Campbell County, Wyoming Solid Waste Facilities Revenue Bonds, Basin Electric Power Cooperative – Dry Fork Station Facilities, Series 2009A, 5.750%, 7/15/39	7/19 at 100.00	A+	2,299,214
Teton County Hospital District, Wyoming, Hospital Revenue Bonds, St. John’s Medical Center Project, Series 2011B:				
1,000	5.500%, 12/01/27	12/21 at 100.00	BBB+	1,162,460
1,000	6.000%, 12/01/36	12/21 at 100.00	BBB+	1,168,700
4,000	Wyoming Municipal Power Agency Power Supply System Revenue Bonds, 2008 Series A, 5.375%, 1/01/42	1/18 at 100.00	A2	4,245,311
8,035	Total Wyoming			8,875,685
\$ 5,659,384	Total Municipal Bonds (cost \$4,804,387,059)			5,424,559,958

Principal Amount (000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
CORPORATE BONDS – 0.0% (0.0% of Total Investments)					
Transportation – 0.0% (0.0% of Total Investments)					
\$ 1,295	Las Vegas Monorail Company, Senior Interest Bonds (9), (10)	5.500%	7/15/19	N/R	\$ 388,352
344	Las Vegas Monorail Company, Senior Interest Bonds (9), (10)	5.500%	7/15/55	N/R	103,282
\$ 1,639	Total Corporate Bonds (cost \$146,934)				491,634
	Total Long-Term Investments (cost \$4,804,533,993)				5,425,051,592
	Floating Rate Obligations – (7.0)%				(245,545,000)
	Variable Rate MuniFund Term Preferred Shares, at Liquidation Preference – (40.2)% (11)				(1,411,600,000)
					(240,400,000)

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Variable Rate Demand Preferred Shares, at Liquidation	
Preference – (6.8)% (12)	
Other Assets Less Liabilities – (0.4)% (13)	(13,853,305)
Net Assets Applicable to Common Shares – 100%	\$ 3,513,653,287

Edgar Filing: Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund - Form N-Q

Investments in Derivatives as of July 31, 2016

Interest Rate Swaps

Counterparty	Notional Amount	Fund Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency	Effective Date (14)	Termination Date	Variation Margin Receivable Payable
LCH. Clearnet Ltd*	\$ 6,800,000	Receive	3-Month	2.560%	Semi-Annually	1/13/17	1/13/31	\$(49,566)
JP Morgan Chase Bank, N.A.	57,900,000	Receive	Weekly USD-SIFMA	1.375%	Quarterly	7/03/17	7/03/27	—
JP Morgan Chase Bank, N.A.	68,900,000	Receive	Weekly USD-SIFMA	1.208%	Quarterly	8/11/17	8/11/28	—
	\$133,600,000							\$(49,566)

* Citigroup Global Markets, Inc. is the clearing broker for this transaction.

Fair Value Measurements

Fair value is defined as the price that would be received upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels.

Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.

Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$5,424,559,958	\$ —	\$5,424,559,958
Corporate Bonds	—	—	491,634	491,634
Investments in Derivatives:				
Interest Rate Swaps*	—	(2,489,098)	—	(2,489,098)
Total	\$ —	\$5,424,070,860	\$491,634	\$5,422,562,494

* Represents net unrealized appreciation (depreciation).

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report. Temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

As of July 31, 2016, the cost of investments was \$4,556,620,828.

Gross unrealized appreciation and gross unrealized depreciation of investments (excluding investments in derivatives) as of July 31, 2016, were as follows:

Gross unrealized:

Appreciation	\$628,312,016
Depreciation	(5,421,185)
Net unrealized appreciation (depreciation) of investments	\$622,890,831

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption.
There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives and/or inverse floating rate transactions.
- (6) The coupon for this security increased 0.25% effective January 1, 2016 and will increase an additional 0.25% effective May 11, 2016.
- (7) Step-up coupon. The rate shown is the coupon as of the end of the reporting period.
- (8) As of, or subsequent to, the end of the reporting period, this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the

- payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's
 Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has
 ceased accruing additional income on the Fund's records.
- (9) During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund is not accruing income for either senior interest corporate bond.
- (10) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board.
 For fair value measurement disclosure purposes, investment classified as Level 3.
- (11) Variable Rate MuniFund Term Preferred Shares, at Liquidation Preference as a percentage of Total Investments is 26.0%.
- (12) Variable Rate Demand Preferred Shares, at Liquidation Preference as a percentage of Total Investments is 4.4%.
- (13) Other assets less liabilities includes the unrealized appreciation (depreciation) of certain over-the-counter derivatives ("OTC") as presented on the Statement of Assets and Liabilities. The unrealized appreciation (depreciation) of OTC-cleared and exchange-traded derivatives is recognized as part of the cash collateral at brokers and/or the receivable or payable for variation margin as presented on the Statement of Assets and Liabilities, when applicable.
- (14) Effective date represents the date on which both the Fund and Counterparty commence interest payment accruals on each forward swap contract.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.
- USD-LIBOR-ICE United States Dollar-London Inter-Bank Offered Rated-Intercontinental Exchange.
- USD-SIFMA United States Dollar-Securities-Industry and Financial Market Association.
- (WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.

Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Enhanced AMT-Free Municipal Credit Opportunities Fund

By (Signature and Title) /s/ Kevin J. McCarthy
Kevin J. McCarthy
Vice President and Secretary

Date: September 29, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ Gifford R. Zimmerman
Gifford R. Zimmerman
Chief Administrative Officer (principal executive officer)

Date: September 29, 2016

By (Signature and Title) /s/ Stephen D. Foy
Stephen D. Foy
Vice President and Controller (principal financial officer)

Date: September 29, 2016