

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

Nuveen Enhanced 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 811-10345

Nuveen Enhanced 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.

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

Item 1. Schedule of Investments

Portfolio of Investments

Nuveen Enhanced Municipal Credit Opportunities Fund (NZF)
July 31, 2016 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 154.2% (99.9% of Total Investments)			
	MUNICIPAL BONDS – 154.0% (99.8% of Total Investments)			
	Alabama – 2.0% (1.3% of Total Investments)			
\$ 8,585	Alabama Private Colleges and University Facilities Authority, Limited Obligation Bonds, University of Mobile Project, Series 2015A, 6.000%, 9/01/45	9/25 at 100.00	N/R	\$ 9,070,568
11,895	Alabama Special Care Facilities Financing Authority, Birmingham, Hospital Revenue Bonds, Daughters of Charity National Health System – Providence Hospital and St. Vincent’s Hospital, Series 1995, 5.000%, 11/01/25 (ETM)	10/16 at 100.00	Aaa	11,940,201
2,030	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39 (Pre-refunded 11/15/16)	11/16 at 100.00	AA+ (4)	2,057,344
	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2:			
3,500	5.000%, 11/15/36 (Pre-refunded 11/15/16) (UB)	11/16 at 100.00	AA+ (4)	3,547,145
5,000	5.000%, 11/15/39 (Pre-refunded 11/15/16) (UB)	11/16 at 100.00	AA+ (4)	5,067,350
1,500	Jefferson County, Alabama, Limited Obligation School Warrants, Education Tax Revenue Bonds, Series 2004A, 5.250%, 1/01/23 – AGM Insured	10/16 at 100.00	AA	1,508,745
8,190	Lower Alabama Gas District, Alabama, Gas Project Revenue Bonds, Series 2016A, 5.000%, 9/01/46	No Opt. Call	A3	11,259,940
2,375	Selma Industrial Development Board, Alabama, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2010A, 5.800%, 5/01/34	5/20 at 100.00	BBB	2,756,425
43,075	Total Alabama			47,207,718
	Alaska – 0.7% (0.5% of Total Investments)			

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

Alaska Industrial Development and Export Authority, Power Revenue Bonds, Snettisham Hydroelectric Project, Refunding Series 2015:

1,000	5.000%, 1/01/31 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	1,166,160
2,950	5.000%, 1/01/33 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	3,420,053
2,900	5.000%, 1/01/34 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	3,349,790
2,290	Anchorage, Alaska, Water Revenue Bonds, Refunding Series 2007, 5.000%, 5/01/37 – NPMG Insured Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A:	5/17 at 100.00	AA	2,361,677
560	4.625%, 6/01/23	10/16 at 100.00	Ba1	568,966
7,010	5.000%, 6/01/46	10/16 at 100.00	B3	6,939,760
16,710	Total Alaska			17,806,406
1,300	Arizona – 2.8% (1.8% of Total Investments) Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds, Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30	3/22 at 100.00	A3	1,456,780
3,465	Arizona Board of Regents, Certificates of Participation, Arizona State University, Refunding Series 2006, 5.000%, 7/01/25 – NPMG Insured	7/17 at 100.00	AA–	3,599,892
2,820	Arizona Health Facilities Authority, Revenue Bonds, Scottsdale Lincoln Hospitals Project, Series 2014A, 5.000%, 12/01/39	12/24 at 100.00	A2	3,348,778
10,450	Arizona Sports and Tourism Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/30	7/22 at 100.00	A1	11,898,161
3,390	Arizona State Transportation Board, Highway Revenue Bonds, Tender Option Bond Trust 3151, 12.572%, 7/01/33 (Pre-refunded 7/01/18) (IF)	7/18 at 100.00	AAA	4,232,585
3,185	Eastmark Community Facilities District 1, Mesa, Arizona, General Obligation Bonds, Series 2015, 5.000%, 7/15/39	7/25 at 100.00	N/R	3,347,626
4,905	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	5,065,884
4,500	Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Junior Lien Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	5,087,610
10,700	Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Senior Lien Series 2008A, 5.000%, 7/01/38 Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012:	7/18 at 100.00	AA–	11,521,332

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

400	5.000%, 7/01/27 (Alternative Minimum Tax)	7/22 at 100.00	AA+	464,764
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	1,084,454
	Pima County Industrial Development Authority, Arizona, Education Facility Revenue and Refunding Bonds, Edkey Charter Schools Project, Series 2013:			
335	6.000%, 7/01/33	7/20 at 102.00	BB	352,886
345	6.000%, 7/01/43	7/20 at 102.00	BB	359,621
205	6.000%, 7/01/48	7/20 at 102.00	BB	213,155
555	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	607,492
1,790	5.375%, 7/01/46	7/26 at 100.00	BB	1,803,013
2,140	5.500%, 7/01/51	7/26 at 100.00	BB	2,162,727
595	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	606,204
650	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Paradise Education Center Project, Series 2010, 6.100%, 6/01/45	6/19 at 100.00	BB+	682,682
3,710	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/41	7/21 at 100.00	A	4,335,061
4,880	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc.	No Opt. Call	BBB+	6,283,634
61,270	Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37 Total Arizona California – 19.4% (12.6% of Total Investments)			68,514,341
1,500	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Channing House, Series 2010, 6.000%, 5/15/30	5/20 at 100.00	AA–	1,766,265
2,000	ABC Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2000B, 0.000%, 8/01/23 – FGIC Insured	No Opt. Call	AA–	1,781,500
3,500	Alameda Corridor Transportation Authority, California, Revenue Bonds, Refunding Subordinate Lien Series 2004A, 5.450%, 10/01/25 (Pre-refunded 10/01/17) – AMBAC Insured	10/17 at 100.00	Aaa	3,703,490
4,225	Alameda Unified School District, Alameda County, California, General Obligation Bonds, Series 2005B, 0.000%, 8/01/28 – AGM Insured	No Opt. Call	AA	3,397,407
8,000			AA–	8,235,360

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

	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00		
535	Antelope Valley Healthcare District, California, Revenue Bonds, Series 2016A, 5.000%, 3/01/41	3/26 at 100.00	Ba3	588,430
1,900	Blythe Redevelopment Agency Successor Agency, California, Tax Allocation Bonds, Redevelopment Project 1, Refunding Series 2015, 5.000%, 5/01/38	11/25 at 100.00	N/R	2,126,765
4,070	Calexico Unified School District, Imperial County, California, General Obligation Bonds, Series 2005B: 0.000%, 8/01/32 – FGIC Insured	No Opt. Call AA–		2,370,816
6,410	0.000%, 8/01/34 – FGIC Insured	No Opt. Call AA–		3,465,502
1,295	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Golden Gate Tobacco Funding Corporation, Turbo, Series 2007A, 5.000%, 6/01/36	6/17 at 100.00	N/R	1,295,751
3,280	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A: 5.450%, 6/01/28	12/18 at 100.00	B3	3,337,302
13,500	5.600%, 6/01/36	12/18 at 100.00	B3	13,735,305
12,025	5.650%, 6/01/41	12/18 at 100.00	B2	12,234,476
595	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Merced County Tobacco Funding Corporation, Series 2005A, 5.000%, 6/01/26	10/16 at 100.00	Baa3	595,381
3,400	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39	10/19 at 100.00	AA	3,885,690
3,840	California Health Facilities Financing Authority, Revenue Bonds, Saint Joseph Health System, Series 2013A: 5.000%, 7/01/33	7/23 at 100.00	AA–	4,616,909
710	5.000%, 7/01/37	7/23 at 100.00	AA–	845,021
5,800	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (Pre-refunded 11/15/16) (UB)	11/16 at 100.00	AA– (4)	5,879,402
7,040	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 2015-XF0078, 12.782%, 5/15/40 (IF)	5/18 at 100.00	AA–	9,902,112
825	California Municipal Finance Authority, Charter School Lease Revenue Bonds, Santa Rosa Academy Project, Series 2015, 5.375%, 7/01/45	7/25 at 100.00	BB	924,842
1,365			BBB	1,563,744

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

	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00		
2,000	California School Finance Authority, Charter School Revenue Bonds, Downtown College Prep – Obligated Group, Series 2016, 5.000%, 6/01/51	6/26 at 100.00	N/R	2,101,400
2,000	California State Public Works Board, Lease Revenue Bonds, Judicial Council of California, Various Projects Series 2013A, 5.000%, 3/01/38	3/23 at 100.00	A+	2,376,780
1,220	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34	11/19 at 100.00	A+	1,438,331
1,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 5.750%, 3/01/30	3/20 at 100.00	A+	1,759,830
4,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2011A, 5.125%, 10/01/31	10/21 at 100.00	A+	5,365,665
9,730	California State, General Obligation Bonds, Various Purpose Series 2007: 5.000%, 6/01/37 (Pre-refunded 6/01/17)	6/17 at 100.00	Aaa	10,104,021
6,270	California State, General Obligation Bonds, Various Purpose Series 2010: 5.000%, 6/01/37 (Pre-refunded 6/01/17)	6/17 at 100.00	Aaa	6,511,019
1,000	California State, General Obligation Bonds, Various Purpose Series 2010: 5.500%, 3/01/40	3/20 at 100.00	AA–	1,148,690
8,500	California State, General Obligation Bonds, Various Purpose Series 2011, 5.250%, 10/01/32	11/20 at 100.00	AA–	9,904,625
3,000	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.500%, 12/01/54	10/21 at 100.00	AA–	3,610,830
9,320	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A: 5.000%, 12/01/36	12/24 at 100.00	BB+	10,892,470
1,265	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A: 5.000%, 12/01/46	6/26 at 100.00	BB+	1,475,597
1,545	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A: 5.000%, 12/01/56	6/26 at 100.00	BB+	1,776,673
25,040	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A: 5.250%, 12/01/56	6/26 at 100.00	BB+	29,227,189
1,030	California Statewide Communities Development Authority, Revenue Bonds, American Baptist Homes of the West, Series 2010, 6.250%, 10/01/39	10/19 at 100.00	BBB+	1,185,664
1,050	California Statewide Communities Development Authority, School Facility Revenue Bonds, Aspire Public Schools, Series 2010, 6.000%, 7/01/40 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	1,183,833

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

1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.250%, 7/01/39 (5)	10/16 at 100.00	CCC	1,000,010
835	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005H, 5.250%, 7/01/25 (5)	10/16 at 100.00	CCC	835,008
2,455	California Statewide Community Development Authority, Revenue Bonds, Methodist Hospital Project, Series 2009, 6.750%, 2/01/38 (Pre-refunded 8/01/19)	8/19 at 100.00	N/R (4)	2,902,154
20	California, General Obligation Veterans Welfare Bonds, Series 2001BZ, 5.350%, 12/01/21 – NPMFG Insured (Alternative Minimum Tax)	12/16 at 100.00	AA	20,064
9,955	Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District 98-2, Series 2005, 0.000%, 9/01/31 – FGIC Insured	No Opt. Call	AA–	6,471,148
3,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Election 2012 Series 2013B, 5.000%, 8/01/38	8/23 at 100.00	AA	3,618,240
4,000	Coast Community College District, Orange County, California, General Obligation Bonds, Series 2005, 0.000%, 8/01/22 – NPMFG Insured	No Opt. Call	Aa1	3,629,880
3,795	Colton Joint Unified School District, San Bernardino County, California, General Obligation Bonds, Series 2006C, 0.000%, 2/01/37 – FGIC Insured	No Opt. Call	AA–	1,914,426
4,565	Contra Costa County, California, GNMA Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 1989, 7.750%, 5/01/22 (Alternative Minimum Tax) (ETM)	No Opt. Call	Aaa	5,459,375
1,320	Davis, California, Special Tax Bonds, Community Facilities District 2015-1 Series 2015, 5.000%, 9/01/40	9/25 at 100.00	N/R	1,466,810
2,510	Folsom Cordova Unified School District, Sacramento County, California, General Obligation Bonds, School Facilities Improvement District 1, Series 2004B, 0.000%, 10/01/28 – NPMFG Insured	No Opt. Call	AA–	1,816,889
3,360	Folsom Cordova Unified School District, Sacramento County, California, General Obligation Bonds, School Facilities Improvement District 2, Series 2002A, 0.000%, 7/01/27 – NPMFG Insured	No Opt. Call	AA–	2,539,522
3,725	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2015A, 0.000%, 1/15/34 – AGM Insured	No Opt. Call	AA	2,105,184
3,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A: 0.000%, 1/15/26 (6)	No Opt. Call	BBB–	2,512,380
1,560	5.750%, 1/15/46	1/24 at 100.00	BBB–	1,871,392
3,560	6.000%, 1/15/49		BBB–	4,322,232

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

		1/24 at 100.00		
4,505	Foothill-De Anza Community College District, Santa Clara County, California, Election of 1999 General Obligation Bonds, Series A, 0.000%, 8/01/30 – NPMF Insured	No Opt. Call	Aaa	3,148,229
2,315	Gateway Unified School District, California, General Obligation Bonds, Series 2004B, 0.000%, 8/01/32 – FGIC Insured	No Opt. Call	AA–	1,468,289
1,000	Gavilan Joint Community College District, Santa Clara and San Benito Counties, California, General Obligation Bonds, Election of 2004 Series 2011D, 5.750%, 8/01/35	8/21 at 100.00	Aa2	1,200,290
2,000	Glendale Redevelopment Agency, California, Tax Allocation Bonds, Central Glendale Redevelopment Project, Series 2010, 5.500%, 12/01/24 (Pre-refunded 12/01/16)	12/16 at 100.00	A (4)	2,034,980
3,170	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/26 – AGM Insured Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:	No Opt. Call	AA	2,595,564
3,150	4.500%, 6/01/27	6/17 at 100.00	B	3,206,417
13,680	5.000%, 6/01/33	6/17 at 100.00	B–	13,787,114
3,000	5.750%, 6/01/47	6/17 at 100.00	B–	3,060,990
13,550	5.125%, 6/01/47	6/17 at 100.00	B–	13,553,388
7,150	Grossmont Healthcare District, California, General Obligation Bonds, Series 2011B, 6.125%, 7/15/40 (Pre-refunded 7/15/21)	7/21 at 100.00	Aaa	8,999,634
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	2,516,974
5,000	Huntington Beach Union High School District, Orange County, California, General Obligation Bonds, Series 2005, 0.000%, 8/01/31 – NPMF Insured	No Opt. Call	Aa2	3,257,950
2,500	Huntington Beach Union High School District, Orange County, California, General Obligation Bonds, Series 2007, 0.000%, 8/01/32 – FGIC Insured	No Opt. Call	Aa2	1,546,125
14,000	Inland Empire Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Series 2007C-2, 0.000%, 6/01/47	6/17 at 13.65	N/R	1,807,120
10,600	Inland Empire Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Series 2007, 0.000%, 6/01/36	6/17 at 28.99	N/R	2,787,164
2,750			A	3,101,588

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

	Los Angeles Regional Airports Improvement Corporation, California, Lease Revenue Refunding Bonds, LAXFUEL Corporation at Los Angeles International Airport, Series 2012, 4.500%, 1/01/27 (Alternative Minimum Tax)	1/22 at 100.00		
5,000	Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2007A, 4.500%, 1/01/28 – NPMF Insured	7/17 at 100.00	Aa2	5,181,150
540	Madera County, California, Certificates of Participation, Children’s Hospital Central California, Series 2010, 5.375%, 3/15/36	3/20 at 100.00	AA–	610,945
2,000	Martinez Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2011, 5.875%, 8/01/31	8/24 at 100.00	AA	2,657,740
1,000	Mendocino-Lake Community College District, Mendocino and Lake Counties, California, General Obligation Bonds, Election 2006, Series 2011B, 5.600%, 8/01/31 – AGM Insured (6)	8/26 at 100.00	AA	1,298,790
	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A:			
1,030	0.000%, 8/01/28 (6)	2/28 at 100.00	AA	1,007,371
2,320	0.000%, 8/01/43 (6)	8/35 at 100.00	AA	2,041,461
5,420	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009B, 6.500%, 11/01/39	No Opt. Call	A	8,082,412
	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009C:			
2,700	7.000%, 11/01/34	No Opt. Call	A	4,149,468
2,200	6.500%, 11/01/39	No Opt. Call	A	3,280,684
	North Orange County Community College District, California, General Obligation Bonds, Election of 2002 Series 2003B:			
7,735	0.000%, 8/01/25 – FGIC Insured	No Opt. Call	AA+	6,484,173
4,180	0.000%, 8/01/26 – FGIC Insured	No Opt. Call	AA+	3,421,664
10,885	Norwalk La Mirada Unified School District, Los Angeles County, California, General Obligation Bonds, Election of 2002 Series 2005B, 0.000%, 8/01/25 – FGIC Insured	No Opt. Call	AA–	8,898,596
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Ba1	3,354,030
1,100	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Ba1	1,202,278
6,000	Palomar Pomerado Health, California, General Obligation Bonds, Capital Appreciation, Election of 2004, Series 2007A, 0.000%, 8/01/24 – NPMF Insured	No Opt. Call	AA–	4,948,980

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

12,210	Palomar Pomerado Health, California, General Obligation Bonds, Convertible Capital Appreciation, Election 2004 Series 2010A, 0.000%, 8/01/40 (6)	8/30 at 100.00	A+	14,129,168
5,000	Palomar Pomerado Health, California, General Obligation Bonds, Series 2009A, 0.000%, 8/01/38 – AGC Insured (6)	8/29 at 100.00	AA	6,142,850
1,750	Paramount Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2001B, 0.000%, 9/01/23 – AGM Insured	No Opt. Call	AA	1,526,700
2,000	Pasadena, California, Certificates of Participation, Refunding Series 2008C, 5.000%, 2/01/33 (Pre-refunded 2/01/18)	2/18 at 100.00	AA+ (4)	2,133,040
9,315	Perris, California, GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1989A, 7.600%, 1/01/23 (Alternative Minimum Tax) (ETM)	No Opt. Call	Aaa	13,020,600
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA–	2,953,100
3,850	Placentia-Yorba Linda Unified School District, Orange County, California, Certificates of Participation, Refunding Series 2011, 0.000%, 10/01/28 – AGM Insured (6)	10/25 at 100.00	AA	4,508,966
2,000	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Refunding Series 2007A, 5.000%, 7/01/47	7/17 at 100.00	Baa2	2,061,940
3,200	Redlands Unified School District, San Bernardino County, California, General Obligation Bonds, Series 2003, 0.000%, 7/01/27 – AGM Insured	No Opt. Call	AA	2,435,584
2,000	Ridgecrest Redevelopment Agency, California, Ridgecrest Redevelopment Project Tax Allocation Bonds, Refunding Series 2010, 6.125%, 6/30/37	6/20 at 100.00	A–	2,361,300
205	Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/44	6/23 at 100.00	BBB–	244,645
2,755	Sacramento City Unified School District, Sacramento County, California, General Obligation Bonds, Series 2007, 0.000%, 7/01/25 – AGM Insured	No Opt. Call	A1	2,313,952
3,550	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	BB+	4,434,838
165	San Clemente, California, Special Tax Revenue Bonds, Community Facilities District 2006-1 Marblehead Coastal, Series 2015, 5.000%, 9/01/40	9/25 at 100.00	N/R	191,266
3,000	San Diego Community College District, California, General Obligation Bonds, Tender Option Bond Trust 2016-XG0053, 12.843%, 8/01/41 (IF) (7)	8/21 at 100.00	AA+	4,578,510
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	Aa2 (4)	2,890,924

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

670	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2009C, 6.500%, 8/01/39 (Pre-refunded 8/01/19)	8/19 at 100.00	A- (4)	787,056
4,150	San Joaquin Delta Community College District, California, General Obligation Bonds, Election 2004 Series 2008B, 0.000%, 8/01/29 – AGM Insured	8/18 at 53.32	AA	2,176,094
2,700	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2014B, 5.250%, 1/15/44 San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A:	1/25 at 100.00	BB+	3,049,731
6,630	5.000%, 1/15/44	1/25 at 100.00	BBB-	7,743,774
3,160	5.000%, 1/15/50	1/25 at 100.00	BBB-	3,670,150
7,205	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Series 1997A, 0.000%, 1/15/23 – NPMG Insured	No Opt. Call	AA-	6,203,433
5,000	San Jose, California, Airport Revenue Bonds, Series 2007A, 6.000%, 3/01/47 – AMBAC Insured (Alternative Minimum Tax)	3/17 at 100.00	A2	5,149,350
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 2015-XF2185. Formerly Tender Option Bond Trust 3030, 16.527%, 9/01/38 – BHAC Insured (IF)	9/17 at 100.00	AA+	4,787,760
5,760	San Ysidro School District, San Diego County, California, General Obligation Bonds, Refunding Series 2015, 0.000%, 8/01/45	No Opt. Call	AA	1,561,075
690	Semitrophic Improvement District of Semitrophic Water Storage District, Kern County, California, Revenue Bonds, Refunding Series 2009A, 5.000%, 12/01/38	12/19 at 100.00	A+	780,825
37,555	Silicon Valley Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Santa Clara County Tobacco Securitization Corporation, Series 2007A, 0.000%, 6/01/47 Tobacco Securitization Authority of Southern California, Tobacco Settlement Asset-Backed Bonds, San Diego County Tobacco Asset Securitization Corporation, Senior Series 2006A:	6/17 at 18.52	N/R	5,351,588
3,000	5.000%, 6/01/37	10/16 at 100.00	BB+	3,000,240
3,090	5.125%, 6/01/46	10/16 at 100.00	B+	3,090,247
1,800	Walnut Valley Unified School District, Los Angeles County, California, General Obligation	No Opt. Call	Aa2	1,380,474

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

Bonds, Election 2000 Series 2003D, 0.000%, 8/01/27 – FGIC Insured				
4,005	Wiseburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B, 0.000%, 8/01/36 – AGM Insured (6)	8/31 at 100.00	AA	3,543,504
3,900	Wiseburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B, 5.625%, 5/01/41 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 100.00	AA (4)	4,819,698
3,000	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47	8/21 at 100.00	Aa2	3,546,390
511,760	Total California Colorado – 7.9% (5.1% of Total Investments)			470,059,131
1,250	Adams County School District 1, Mapleton Public Schools, Colorado, General Obligation Bonds, Series 2010, 6.250%, 12/01/35 (Pre-refunded 12/01/20)	12/20 at 100.00	Aa2 (4)	1,539,613
1,500	Anthem West Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2015, 5.000%, 12/01/35 – BAM Insured	12/25 at 100.00	AA	1,773,540
1,600	Arkansas River Power Authority, Colorado, Power Revenue Bonds, Series 2006, 5.250%, 10/01/40 – SYNCORA GTY Insured	10/16 at 100.00	BBB–	1,608,096
700	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23	7/18 at 100.00	N/R	716,583
500	Castle Oaks Metropolitan District 3, Castle Rock, Douglas County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.500%, 12/01/45	12/20 at 103.00	N/R	521,650
625	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 6.000%, 12/01/38	12/23 at 100.00	BBB	761,919
1,000	Cherry Creek Corporate Center Metropolitan District, Arapahoe County, Colorado, Revenue Bonds, Refunding Senior Lien Series 2015A, 5.000%, 6/01/37	12/25 at 100.00	N/R	1,054,260
1,240	Colorado City Metropolitan District, Oueblo county, Colorado, Water and Wastewater Enterprise Revenue Bonds, Refunding & Improvement Series 2012, 4.500%, 12/01/34	No Opt. Call	BBB+	1,315,665
1,000	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Pinnacle Charter School, Inc. High School Project, Series 2010, 5.000%, 12/01/29	12/19 at 100.00	BBB	1,076,750
2,315	Colorado Educational and Cultural Facilities Authority, Revenue Bonds, Montessori Peaks Academy, Series 2006A, 5.400%, 5/01/26	5/18 at 100.00	N/R	2,330,811
9,440	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2006A, 4.500%, 9/01/38	9/16 at 100.00	A–	9,471,058
3,335	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives,	7/19 at 100.00	A–	3,743,004

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

	Series 2009A, 5.500%, 7/01/34			
9,335	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 1/23 at Catholic Health Initiatives, 100.00	A-		10,732,730
	Series 2013A, 5.250%, 1/01/45			
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 12/23 at Children's Hospital Colorado 100.00	A+		2,344,260
	Project, Series 2013A, 5.000%, 12/01/36			
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Craig Hospital Project, Series No Opt. Call A			2,129,480
	2012, 4.000%, 12/01/42			
3,655	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good No Opt. Call A-			4,189,690
	Samaritan Society Project, Series 2013A, 5.000%, 6/01/45			
585	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 6/23 at Evangelical Lutheran Good 100.00	BBB+		702,708
	Samaritan Society Project, Series 2013, 5.625%, 6/01/43			
1,150	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 9/18 at Poudre Valley Health System, 102.00	AA		1,254,121
	Series 2005C, 5.250%, 3/01/40 – AGM Insured			
11,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 1/20 at Sisters of Charity of 100.00	AA-		12,817,325
	Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40			
3,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 5/17 at Valley View Hospital 100.00	A-		3,611,545
	Association, Series 2007, 5.250%, 5/15/42			
3,250	Colorado Health Facilities Authority, Colorado, Revenue Bonds, 9/17 at Yampa Valley Medical Center, 100.00	BBB+		3,360,598
	Series 2007, 5.125%, 9/15/29			
2,250	Colorado Springs, Colorado, Utilities System Revenue Bonds, 11/23 at Improvement Series 2013B-1, 100.00	AA		2,722,950
	5.000%, 11/15/38			
20	Colorado State Board of Governors, Colorado State University 3/19 at Auxiliary Enterprise System 100.00	Aa2		22,026
	Revenue Bonds, Series 2009A, 5.000%, 3/01/34			
	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System			
	Revenue Bonds, Series 2009A:			
1,175	5.000%, 3/01/34 (Pre-refunded 3/01/19)		3/19 at 100.00	N/R (4) 1,303,169
5	5.000%, 3/01/34 (Pre-refunded 3/01/19)		3/19 at 100.00	N/R (4) 5,559
1,945	Commerce City, Colorado, Sales and Use Tax Revenue Bonds, 8/25 at Refunding Series 2015, 5.000%, 100.00	AA		2,343,628
	8/01/36 – BAM Insured			
5,000	Compark Business Campus Metropolitan District, Colorado, 12/17 at General Obligation Limited Tax Bonds, 100.00	AA		5,118,250
	Series 2007A, 5.600%, 12/01/34 – RAAI Insured			
1,000	Concord Metropolitan District, Douglas County, Colorado, 12/20 at General Obligation Bonds, Refunding 100.00	BBB+		1,092,080
	Series 2010, 5.375%, 12/01/40			

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

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
2,200	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/32	11/22 at 100.00	A+	2,638,878
3,870	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	4,545,160
2,200	Denver Convention Center Hotel Authority, Colorado, Revenue Bonds, Convention Center Hotel, Senior Lien Series 2006, 4.750%, 12/01/35 – SYNCORA GTY Insured	11/16 at 100.00	BBB–	2,211,616
	Denver, Colorado, Airport System Revenue Bonds, Series 2006:			
5,365	5.000%, 11/15/23 – FGIC Insured	11/16 at 100.00	AA–	5,436,140
9,900	5.000%, 11/15/24 – FGIC Insured	11/16 at 100.00	AA–	10,031,076
4,335	5.000%, 11/15/25 – FGIC Insured	11/16 at 100.00	AA–	4,392,265
	Denver, Colorado, Airport System Revenue Bonds, Series 2006A:			
5,365	5.000%, 11/15/23 – FGIC Insured (UB)	11/16 at 100.00	AA–	5,436,140
4,335	5.000%, 11/15/25 – FGIC Insured (UB)	11/16 at 100.00	AA–	4,392,265
10,000	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Capital Appreciation Series 2010A, 0.000%, 9/01/41	No Opt. Call	A3	4,538,500
8,845	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 1997B, 0.000%, 9/01/26 – NPMFG Insured	No Opt. Call	AA–	6,956,327
	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B:			
7,550	0.000%, 9/01/29 – NPMFG Insured	No Opt. Call	AA–	5,245,589
11,100	0.000%, 9/01/31 – NPMFG Insured	No Opt. Call	AA–	7,215,444
10,000	0.000%, 9/01/32 – NPMFG Insured	No Opt. Call	AA–	6,287,500
8,135	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/28 – NPMFG Insured	9/20 at 63.98	AA–	4,585,944
	Eaton Area Park and Recreation District, Colorado, General Obligation Limited Tax Bonds, Series 2015:			
475	5.500%, 12/01/30	12/22 at 100.00	N/R	524,049
180	5.250%, 12/01/34	12/22 at 100.00	N/R	192,488
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
1,000			N/R	1,027,930

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

	Flatiron Meadows Metropolitan District, Boulder County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.125%, 12/01/46	12/21 at 103.00		
	Foothills Metropolitan District, Fort Collins, Colorado, Special Revenue Bonds, Series 2014:			
1,125	5.750%, 12/01/30	12/24 at 100.00	N/R	1,242,484
1,000	6.000%, 12/01/38	12/24 at 100.00	N/R	1,101,230
770	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	796,203
	Johnstown Plaza Metropolitan District, Colorado, Special Revenue Bonds, Series 2016A:			
1,590	5.250%, 12/01/36 (WI/DD, Settling 8/02/16)	12/21 at 103.00	N/R	1,571,286
6,130	5.375%, 12/01/46 (WI/DD, Settling 8/02/16)	12/21 at 103.00	N/R	6,043,751
	Maher Ranch Metropolitan District 4, Colorado, General Obligation Limited Tax Bonds, Series 2007:			
950	5.125%, 12/01/27 – RAAI Insured	12/17 at 100.00	AA	974,244
2,000	5.250%, 12/01/36 – RAAI Insured	12/17 at 100.00	AA	2,048,560
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	A	1,104,700
1,870	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	BBB	2,189,190
3,015	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)	3,673,024
500	Parker Automotive Metropolitan District (In the Town of Parker, Colorado), General Obligation Bonds, Refunding Series 2016, 5.000%, 12/01/45	12/26 at 100.00	N/R	511,730
1,590	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31	6/20 at 100.00	Aa3	1,826,195
	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:			
4,355	6.000%, 1/15/34	7/20 at 100.00	BBB+	5,063,036
2,365	6.000%, 1/15/41	7/20 at 100.00	BBB+	2,744,583
2,083	Salida Hospital District, Colorado, Revenue Bonds, Series 2006, 5.250%, 10/01/36	10/16 at 100.00	N/R	2,086,812
1,465		No Opt. Call	BBB+	1,514,693

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

	SBC Metropolitan District, Colorado, General Obligation Bonds, Series 2012, 4.000%, 12/01/37			
525	Sierra Ridge Metropolitan District 2, Douglas County, Colorado, 12/21 at General Obligation Bonds, 103.00	N/R		556,453
	Limited Tax Series 2016A, 5.500%, 12/01/46			
650	Thompson Crossing Metropolitan District No. 6 in the Town of 12/20 at Johnstown, Larimer County, 103.00	N/R		676,832
	Colorado, General Obligation Limited Tax Bonds Series 2015A, 6.000%, 12/01/44			
55	Water Valley Metropolitan District 1, Colorado, General 12/26 at Obligation Bonds, Refunding Series 100.00	N/R		61,216
	2016, 5.250%, 12/01/40			
105	Water Valley Metropolitan District 2, Windsor, Colorado, 12/26 at General Obligation Bonds, Refunding 100.00	N/R		116,866
	Series 2016, 5.250%, 12/01/40			
201,873	Total Colorado			192,278,437
	Connecticut – 0.1% (0.0% of Total Investments)			
1,500	Connecticut Health and Educational Facilities Authority, 7/21 at Revenue Bonds, Hartford HealthCare, 100.00	A		1,683,345
	Series 2011A, 5.000%, 7/01/41			
	District of Columbia – 0.2% (0.1% of Total Investments)			
5,000	Washington Convention Center Authority, District of Columbia, 10/16 at Dedicated Tax Revenue Bonds, 100.00	A1		5,028,600
	Senior Lien Refunding Series 2007A, 4.500%, 10/01/30 – AMBAC Insured			
	Florida – 5.5% (3.6% of Total Investments)			
1,250	Bay County, Florida, Educational Facilities Revenue Refunding 9/20 at Bonds, Bay Haven Charter 100.00	BBB–		1,350,725
	Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40			
	Bay County, Florida, Educational Facilities Revenue Refunding			
	Bonds, Bay Haven Charter			
	Academy, Inc. Project, Series 2013A:			
1,005	5.000%, 9/01/43	9/23 at 100.00	BBB–	1,090,345
865	5.000%, 9/01/45	9/23 at 100.00	BBB–	937,331
775	Belmont Community Development District, Florida, Capital 11/27 at Improvement Revenue Bonds, Series 100.00	N/R		790,353
	2016A, 5.375%, 11/01/36			
535	Belmont Community Development District, Florida, Capital Improvement Revenue Bonds, Series No Opt. Call N/R			551,521
	2016B, 5.625%, 11/01/35			
665	Bexley Community Development District, Pasco County, 5/26 at Florida, Special Assessment Revenue 100.00	N/R		682,277
	Bonds, Series 2016, 4.700%, 5/01/36			
2,115	Brevard County Health Facilities Authority, Florida, Health 4/19 at Facilities Revenue Bonds, Health 100.00	A (4)		2,471,124
	First, Inc. Project, Series 2009B, 7.000%, 4/01/39 (Pre-refunded 4/01/19)			
3,430	Broward County, Florida, Airport Facility Revenue Bonds, 11/16 at Learjet Inc., Series 2000, 7.500%, 100.00	B3		3,454,593

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

11/01/20 (Alternative Minimum Tax)				
5,005	Broward County, Florida, Airport System Revenue Bonds, Refunding Series 2009O, 5.375%, 10/01/29	10/19 at 100.00	A+	5,676,471
1,480	Broward County, Florida, Fuel System Revenue Bonds, Fort Lauderdale Fuel Facilities LLC Project, Series 2013A, 5.000%, 4/01/33 – AGM Insured (Alternative Minimum Tax)	4/23 at 100.00	AA	1,693,312
4,390	Capital Trust Agency, Florida, Multifamily Housing Revenue Bonds, The Gardens Apartments Project, Series 2015A, 5.000%, 7/04/50	7/25 at 100.00	A	4,595,672
	Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series 2016A-1:			
125	5.250%, 11/01/37	11/28 at 100.00	N/R	127,598
160	5.600%, 11/01/46	11/28 at 100.00	N/R	163,981
690	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	717,221
	Downtown Doral Community Development District, Florida, Special Assessment Bonds, Series 2015:			
555	5.250%, 5/01/35	5/26 at 100.00	N/R	586,224
620	5.300%, 5/01/36	5/26 at 100.00	N/R	655,297
955	5.500%, 5/01/45	5/26 at 100.00	N/R	1,008,862
1,310	5.500%, 5/01/46	5/26 at 100.00	N/R	1,381,788
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Florida Charter Foundation Inc. Projects, Series 2016A:			
1,420	4.750%, 7/15/36 (WI/DD, Settling 8/10/16)	7/26 at 100.00	N/R	1,405,516
915	5.000%, 7/15/46 (WI/DD, Settling 8/10/16)	7/26 at 100.00	N/R	922,521
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Pepin Academies Inc., Series 2016A:			
1,000	5.000%, 7/01/36	7/26 at 100.00	N/R	996,210
6,785	5.125%, 7/01/46	7/26 at 100.00	N/R	6,770,548
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School Income Projects, Series 2015A:			
900	6.000%, 6/15/35	6/25 at 100.00	N/R	957,852
565	6.125%, 6/15/46	6/25 at 100.00	N/R	601,143

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

1,100	Florida Higher Educational Facilities Financing Authority, Revenue Bonds, Nova Southeastern University, Refunding Series 2011, 6.375%, 4/01/31	4/21 at 100.00	A-	1,315,787
385	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	396,211
4,695	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2015A, 5.000%, 10/01/44	10/24 at 100.00	A-	5,603,483
1,750	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Subordinate Lien Series 2015B, 5.000%, 10/01/40 (Alternative Minimum Tax)	10/24 at 100.00	A+	2,029,423
2,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Refunding Series 2014B, 5.000%, 10/01/37	10/24 at 100.00	A	2,411,740
2,490	Miami-Dade County, Florida, Special Obligation Bonds, Refunding Subordinate Series 2012B, 5.000%, 10/01/37	10/22 at 100.00	A+	2,923,235
7,045	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	Aa3	8,284,145
1,000	Northern Palm Beach County Improvement District, Florida, Water Control and Improvement Bonds, Development Unit 46B, Series 2007A, 5.350%, 8/01/41	8/17 at 100.00	N/R	1,014,700
2,140	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	2,232,641
2,185	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	2,411,890
5,085	Orange County, Florida, Tourist Development Tax Revenue Bonds, Refunding Series 2007, 4.750%, 10/01/29 – FGIC Insured	No Opt. Call	AA	5,299,740
2,335	Orlando, Florida, Capital Improvement Special Revenue Bonds, Series 2014B, 5.000%, 10/01/46	10/24 at 100.00	AA+	2,784,908
85	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	104,686
	Port Saint Lucie. Florida, Special Assessment Revenue Bonds, Southwest Annexation District 1B, Series 2007:			
1,795	5.000%, 7/01/33 – NPMFG Insured	7/17 at 100.00	AA-	1,864,377
1,500	5.000%, 7/01/40 – NPMFG Insured	7/17 at 100.00	AA-	1,557,270
560	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	571,676
5,000			BBB	5,205,000

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

	Seminole Tribe of Florida, Special Obligation Bonds, Series 2007A, 144A, 5.250%, 10/01/27	10/17 at 100.00		
	Six Mile Creek Community Development District, Florida, Capital Improvement Revenue Bonds, Assessment Area 2, Series 2016:			
180	4.750%, 11/01/28	11/27 at 100.00	N/R	185,533
300	5.375%, 11/01/36	11/27 at 100.00	N/R	307,749
590	South Broward Hospital District, Florida, Hospital Revenue Bonds, Memorial Health System, Refunding Series 2008, 5.000%, 5/01/28 (Pre-refunded 5/01/18)	5/18 at 100.00	AA (4)	635,135
25,640	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (7)	8/17 at 100.00	AA-	26,549,964
375	South Village Community Development District, Clay County, Florida, Capital Improvement Revenue Bonds, Refunding Series 2016A1, 3.625%, 5/01/35	5/26 at 100.00	BBB	372,964
	South Village Community Development District, Clay County, Florida, Capital Improvement Revenue Bonds, Refunding Series 2016A2:			
170	4.350%, 5/01/26	No Opt. Call 5/26 at	N/R	172,025
100	4.875%, 5/01/35	100.00	N/R	101,160
1,350	Sumter County Industrial Development Authority, Florida, Hospital Revenue Bonds, Central Florida Health Alliance Projects, Series 2014A, 5.125%, 7/01/34	1/24 at 100.00	A-	1,575,248
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA-	11,967,230
3,300	Tampa, Florida, Health System Revenue Bonds, Baycare Health System, Series 2012A, 5.000%, 11/15/33	5/22 at 100.00	Aa2	3,866,115
70	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-2, 0.000%, 5/01/39 (6)	5/17 at 100.00	N/R	56,745
200	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-3, 0.000%, 5/01/40 (6)	5/19 at 100.00	N/R	121,362
85	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-4, 0.000%, 5/01/40 (6)	5/22 at 100.00	N/R	38,302
110	Tolomato Community Development District, Florida, Special Assessment Bonds, Hope Note, Series 2007-3, 6.650%, 5/01/40 (8)	5/18 at 100.00	N/R	1
10	Tolomato Community Development District, Florida, Special Assessment Bonds, Non Performing Parcel Series 2007-1. RMKT, 6.650%, 5/01/40 (8)	5/18 at 100.00	N/R	10,245
200	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2012A-1, 6.650%, 5/01/40	5/17 at 100.00	N/R	202,212

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

295	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-1, 0.000%, 5/01/40 (8)	5/18 at 100.00	N/R	185,157
180	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-2, 0.000%, 5/01/40 (8)	5/18 at 100.00	N/R	95,787
195	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-3, 6.610%, 5/01/40 (8)	5/18 at 100.00	N/R	2
300	Union Park Community Development District, Florida, Capital Improvement Revenue Bonds, Series 2016A-1, 5.375%, 11/01/37	11/27 at 100.00	N/R	307,491
515	Union Park Community Development District, Florida, Capital Improvement Revenue Bonds, Series 2016A-2, 5.625%, 11/01/35	No Opt. Call	N/R	534,683
123,830	Total Florida Georgia – 2.7% (1.8% of Total Investments)			132,884,507
2,725	Atlanta Development Authority, Georgia, Revenue Bonds, New Downtown Atlanta Stadium Project, Senior Lien Series 2015A-1, 5.250%, 7/01/40	7/25 at 100.00	Aa3	3,367,555
15,295	Atlanta, Georgia, Airport General Revenue Bonds, Refunding Series 2010C, 5.250%, 1/01/30	1/21 at 100.00	Aa3	17,933,388
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA	1,690,020
2,830	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2015: 5.000%, 11/01/33	5/25 at 100.00	AA–	3,490,805
1,460	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2015: 5.000%, 11/01/35	5/25 at 100.00	AA–	1,789,113
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	AA–	5,390,220
2,900	Coffee County Hospital Authority, Georgia, Revenue Bonds, Coffee County Regional Medical Center, Series 2004, 5.000%, 12/01/26	10/16 at 100.00	BB–	2,901,218
3,250	DeKalb County Hospital Authority, Georgia, Anticipation Certificates Revenue Bonds, DeKalb Medical Center, Inc. Project, Series 2010, 6.000%, 9/01/30	9/20 at 100.00	BBB–	3,780,823
2,000	Fulton County Residential Care Facilities Elderly Authority, Georgia, First Mortgage Revenue Bonds, Lenbrook Project, Series 2006A, 5.125%, 7/01/42	7/17 at 100.00	N/R	2,019,480
2,500	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010A, 5.000%, 2/15/30	2/20 at 100.00	A	2,802,300
2,000	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010B: 5.250%, 2/15/37		AA–	2,236,440

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

		2/20 at 100.00		
5,000	5.125%, 2/15/40	2/20 at 100.00	AA-	5,542,900
4,960	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (4)	5,490,522
4,010	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+	4,703,369
2,500	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	2,758,100
57,330	Total Georgia			65,896,253
	Guam – 0.2% (0.1% of Total Investments)			
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30	7/20 at 100.00	A-	4,455,080
810	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2013, 5.500%, 7/01/43	7/23 at 100.00	A-	947,287
4,810	Total Guam			5,402,367
	Hawaii – 0.3% (0.2% of Total Investments)			
1,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2010A, 5.500%, 7/01/40	7/20 at 100.00	A1	1,131,590
3,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2013A, 5.500%, 7/01/43	7/23 at 100.00	A1	3,631,320
1,175	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.625%, 7/01/33	7/23 at 100.00	BB+	1,347,044
5,175	Total Hawaii			6,109,954
	Idaho – 0.0% (0.0% of Total Investments)			
175	Idaho Health Facilities Authority, Revenue Bonds, Madison Memorial Hospital Project, Refunding Series 2016, 5.000%, 9/01/37	9/26 at 100.00	BB+	202,627
595	Idaho Water Resource Board, Water Resource Loan Program Revenue, Ground Water Rights Mitigation Series 2012A, 5.000%, 9/01/32	9/22 at 100.00	Baa1	677,800
770	Total Idaho			880,427
	Illinois – 21.9% (14.2% of Total Investments)			
1,000	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues Series 2011A, 5.500%, 12/01/39	No Opt. Call	B+	961,810
38,060	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2016A, 7.000%, 12/01/44	12/25 at 100.00	B+	40,355,779
450	Chicago Board of Education, Illinois, General Obligation Bonds, Series 1999A, 0.000%,	No Opt. Call	AA-	304,070

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

	12/01/26 – NPMFG Insured			
2,950	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Revenues, Refunding Series 2004A, 5.000%, 12/01/20 – NPMFG Insured	10/16 at 100.00	AA–	2,991,241
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1:			
1,715	0.000%, 12/01/26 – NPMFG Insured	No Opt. Call	AA–	1,158,843
10,060	0.000%, 12/01/28 – FGIC Insured	No Opt. Call	AA–	6,122,717
1,765	0.000%, 12/01/30 – NPMFG Insured	No Opt. Call	AA–	961,343
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A:			
2,585	0.000%, 12/01/27 – NPMFG Insured	No Opt. Call	AA–	1,661,121
7,240	0.000%, 12/01/31 – FGIC Insured	No Opt. Call	AA–	3,737,578
4,300	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	4,780,568
3,270	Chicago, Illinois, FHA/GNMA Collateralized Multifamily Housing Revenue Bonds, Stone Terrace Apartments, Series 2001A, 5.750%, 12/20/42 (Alternative Minimum Tax)	12/16 at 100.00	AA	3,276,802
1,655	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	1,988,152
	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999:			
25,755	0.000%, 1/01/29 – NPMFG Insured	No Opt. Call	AA–	15,660,843
8,765	0.000%, 1/01/34 – FGIC Insured	No Opt. Call	AA–	4,173,279
17,310	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	AA–	7,138,125
670	Chicago, Illinois, General Obligation Bonds, Neighborhoods Alive 21 Program, Series 2002B, 5.500%, 1/01/31	1/25 at 100.00	BBB+	707,373
3,000	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2006A, 4.625%, 1/01/31 – AGM Insured	10/16 at 100.00	AA	3,009,360
1,100	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2005D, 5.500%, 1/01/40	1/25 at 100.00	BBB+	1,138,907
	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2009C:			
1,450	5.000%, 1/01/34	No Opt. Call	BBB+	1,463,558
590	5.000%, 1/01/40	No Opt. Call	BBB+	595,328
	Chicago, Illinois, General Obligation Bonds, Project Series 2011A:			
430	5.250%, 1/01/35	No Opt. Call	BBB+	442,788
2,335	5.000%, 1/01/40	No Opt. Call	BBB+	2,352,396
	Chicago, Illinois, General Obligation Bonds, Project Series 2012A:			
1,155	5.000%, 1/01/33	No Opt. Call	BBB+	1,178,019

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

550	5.000%, 1/01/34	No Opt. Call	BBB+	560,434
4,390	Chicago, Illinois, General Obligation Bonds, Refunding Project Series 2005B, 4.750%, 1/01/32 – AGM Insured	No Opt. Call	AA	4,404,180
10,115	Chicago, Illinois, General Obligation Bonds, Refunding Series 2007E:	1/25 at 100.00	BBB+	10,564,713
3,290	5.500%, 1/01/35	1/25 at 100.00	BBB+	3,401,794
295	Chicago, Illinois, General Obligation Bonds, Refunding Series 2008A, 5.250%, 1/01/37 – FGIC Insured	1/18 at 100.00	BBB+	300,163
765	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C:	1/26 at 100.00	BBB+	783,452
9,510	5.000%, 1/01/35	1/26 at 100.00	BBB+	9,674,048
1,610	Chicago, Illinois, General Obligation Bonds, Series 1999, 0.000%, 1/01/30 – AGM Insured	No Opt. Call	AA	939,322
3,965	Chicago, Illinois, General Obligation Bonds, Series 2004A, 5.000%, 1/01/34 – AGM Insured	10/16 at 100.00	AA	3,978,600
1,000	Chicago, Illinois, General Obligation Bonds, Series 2015A:	1/25 at 100.00	BBB+	1,044,460
4,900	5.500%, 1/01/35	1/25 at 100.00	BBB+	5,080,173
5,630	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.250%, 1/01/38	No Opt. Call	AA	6,069,365
1,250	Cook County Forest Preserve District, Illinois, General Obligation Bonds, Personal Property Replacement Tax Alternate Source, Series 2012C, 5.000%, 12/15/37 – AGM Insured	6/22 at 100.00	AA	1,400,925
3,360	Cook County Township High School District 225 Northfield, Illinois, General Obligation Bonds, Series 2007B, 0.000%, 12/01/24	12/16 at 69.01	AAA	2,311,176
25,375	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/33	11/20 at 100.00	AA–	27,991,924
3,100	Cook County, Illinois, General Obligation Bonds, Refunding Series 2016A:	11/26 at 100.00	AA–	3,766,128
2,750	5.000%, 11/15/29	11/26 at 100.00	AA–	3,331,570
340	Illinois Finance Authority, Charter School Revenue Bonds, Chicago Charter School Foundation, Series 2007:	12/16 at 100.00	BBB	342,380
405	5.000%, 12/01/26		BBB	407,203
	5.000%, 12/01/36			

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

		12/16 at 100.00		
800	Illinois Finance Authority, Charter School Revenue Bonds, Intrinsic Charter Schools Belmont School Project, Series 2015A, 5.500%, 12/01/30	12/25 at 100.00	N/R	825,400
	Illinois Finance Authority, Charter School Revenue Bonds, Uno Charter School Network, Refunding and Improvement Series 2011A:			
1,650	6.875%, 10/01/31	10/21 at 100.00	BB+	1,830,873
2,535	7.125%, 10/01/41	10/21 at 100.00	BB+	2,834,409
1,500	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009B, 5.500%, 11/01/39	11/19 at 100.00	AA+	1,716,690
1,000	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA+	1,118,350
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
2,675	Illinois Finance Authority, Revenue Bonds, Columbia College Chicago, Series 2015A, 5.000%, 12/01/37	12/25 at 100.00	BBB+	2,951,809
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	6,157,199
8,000	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	Baa2	8,477,120
845	Illinois Finance Authority, Revenue Bonds, Illinois Wesleyan University, Refunding Series 2016, 5.000%, 9/01/46	9/26 at 100.00	A-	983,158
5,015	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43	5/22 at 100.00	Baa1	5,523,571
3,160	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,677,418
10,270	Illinois Finance Authority, Revenue Bonds, Palos Community Hospital, Series 2007A, 5.000%, 5/15/32 (Pre-refunded 5/15/17) – NPMG Insured	5/17 at 100.00	AA- (4)	10,631,299
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB	600,530
	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A:			
415	5.500%, 7/01/28	7/23 at 100.00	A-	499,233
905	6.000%, 7/01/43	7/23 at 100.00	A-	1,112,598
2,910	Illinois Finance Authority, Revenue Bonds, Resurrection Health Care Corporation, Refunding Series 2009, 6.125%, 5/15/25	5/19 at 100.00	BBB	3,274,274
90			N/R (4)	103,447

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

	Illinois Finance Authority, Revenue Bonds, Resurrection Health Care Corporation, Refunding Series 2009, 6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00		
1,665	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39 (Pre-refunded 5/01/19)	5/19 at 100.00	Aaa	1,936,661
9,195	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37 (Pre-refunded 8/01/17)	8/17 at 100.00	N/R (4)	9,644,452
4,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2008A, 6.000%, 8/15/23	8/18 at 100.00	BBB+	4,352,200
1,050	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44	8/25 at 100.00	Baa1	1,214,808
7,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	8,291,080
2,000	7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	2,376,380
500	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 – AGM Insured	3/20 at 100.00	AA	561,535
2,500	Illinois Finance Authority, Revenue Bonds, The University of Chicago Medical Center, Series 2011C, 5.500%, 8/15/41 (UB) (7)	2/21 at 100.00	AA-	2,870,075
4,125	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	AA+	4,675,275
8,395	Illinois Finance Authority, Revenue Bonds, University of Chicago, Tender Option Bond Trust 2015-XF0248, 8.954%, 7/01/46 (Pre-refunded 7/01/17) (IF) (7)	7/17 at 100.00	AA+ (4)	9,088,427
3,000	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2015A, 5.000%, 10/01/46 (UB) (7)	10/25 at 100.00	AA+	3,550,830
7,875	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+	8,001,866
6,785	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., University Center Project, Series 2006B, 5.000%, 5/01/30	11/16 at 100.00	BBB+	6,820,214
3,565	Illinois State, General Obligation Bonds, April Series 2014, 5.000%, 4/01/29	4/24 at 100.00	BBB+	3,944,673
1,500	Illinois State, General Obligation Bonds, February Series 2014: 5.000%, 2/01/23	No Opt. Call	BBB+	1,696,200
1,600	5.250%, 2/01/32	2/24 at 100.00	BBB+	1,780,064
1,000	5.250%, 2/01/33	2/24 at 100.00	BBB+	1,111,850

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

1,130	5.250%, 2/01/34	2/24 at 100.00	BBB+	1,252,458
1,000	5.000%, 2/01/39	2/24 at 100.00	BBB+	1,081,110
	Illinois State, General Obligation Bonds, Refunding Series 2012:			
7,565	5.000%, 8/01/21	No Opt. Call	BBB+	8,430,133
2,925	5.000%, 8/01/22	No Opt. Call	BBB+	3,292,790
2,615	5.000%, 8/01/25	8/22 at 100.00	BBB+	2,889,889
6,000	Illinois State, General Obligation Bonds, Series 2004A, 5.000%, 3/01/28	10/16 at 100.00	BBB+	6,027,300
	Illinois State, General Obligation Bonds, Series 2013:			
5,000	5.250%, 7/01/29	7/23 at 100.00	BBB+	5,572,650
910	5.500%, 7/01/38	7/23 at 100.00	BBB+	1,015,078
7,250	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38	1/23 at 100.00	AA-	8,412,393
2,755	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2015A, 5.000%, 1/01/40	7/25 at 100.00	AA-	3,314,926
560	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 2015-XF0051, 16.421%, 1/01/21 (IF)	No Opt. Call	AA-	919,391
2,500	Kane & DeKalb Counties Community Unit School District 301, Illinois, General Obligation Bonds, Series 2006, 0.000%, 12/01/23 – NPMG Insured	No Opt. Call	Aa3	2,080,025
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call	AAA	11,188,045
7,000	Lombard Public Facilities Corporation, Illinois, First Tier Conference Center and Hotel Revenue Bonds, Series 2005A-1, 7.125%, 1/01/36 (9)	10/16 at 100.00	N/R	3,114,720
1,245	Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B, 6.250%, 2/01/21 – AGM Insured	2/20 at 100.00	A1	1,455,119
1,315	McHenry and Kane Counties Community Consolidated School District 158, Huntley, Illinois, General Obligation Bonds, Series 2003, 0.000%, 1/01/21 – FGIC Insured	No Opt. Call	A3	1,191,903
	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A:			
1,000	6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	A1	1,143,650
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	A1	1,177,960

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

2,500	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	2,714,075
5,400	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	6,097,572
23,110	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Series 2015A: 0.000%, 12/15/52	No Opt. Call 12/25 at 100.00	BBB+	4,731,079
1,230	5.000%, 6/15/53	100.00	BBB	1,388,842
12,000	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	12,971,280
45,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Capital Appreciation Refunding Series 2010B-1, 0.000%, 6/15/43 – AGM Insured	No Opt. Call	AA	15,747,300
7,075	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 1996A, 0.000%, 6/15/24 – NPF Insured	No Opt. Call	AA–	5,603,754
2,680	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 1998A, 5.500%, 6/15/29 – NPF Insured	No Opt. Call	AA–	3,395,721
145	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 1998A, 5.500%, 6/15/29 – NPF Insured (ETM)	No Opt. Call	AA– (4)	191,509
1,730	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 2002B, 5.550%, 6/15/21 – NPF Insured	6/17 at 101.00	AA–	1,817,901
770	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 2002B, 5.550%, 6/15/21 (Pre-refunded 6/15/17) – NPF Insured	6/17 at 101.00	AA– (4)	811,503
1,165	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1993A, 0.000%, 6/15/21 – FGIC Insured	No Opt. Call	A3	1,033,006
9,500	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A: 0.000%, 6/15/24 – NPF Insured (6)	6/22 at 101.00	AA–	10,743,645
8,400	0.000%, 12/15/30 – NPF Insured	No Opt. Call	AA–	5,054,028
17,000	0.000%, 12/15/35 (WI/DD, Settling 8/01/16) – NPF Insured	No Opt. Call	AA–	8,035,050
10,000	0.000%, 12/15/36 – NPF Insured	No Opt. Call	AA–	4,510,900
3,785	0.000%, 12/15/37 – NPF Insured	No Opt. Call	AA–	1,641,971

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

36,040	0.000%, 6/15/40 – NPMFG Insured	No Opt. Call	AA–	14,125,518
3,720	0.000%, 6/15/41 – NPMFG Insured	No Opt. Call	AA–	1,400,692
2,898	Montgomery, Illinois, Lakewood Creek Project Special Assessment Bonds, Series 2007, 4.700%, 3/01/30 – RAAI Insured	10/16 at 100.00	AA	2,902,666
	Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012:			
480	5.000%, 10/01/25	10/22 at 100.00	Baa1	563,741
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	468,264
	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:			
780	5.250%, 6/01/21	No Opt. Call	A	922,412
2,000	6.250%, 6/01/24	10/16 at 100.00	A	2,009,320
4,200	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 – AMBAC Insured	No Opt. Call	AA	4,779,600
	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 2003A:			
1,890	5.500%, 7/01/22 – FGIC Insured	No Opt. Call	AA	2,338,648
13,000	6.000%, 7/01/33 – NPMFG Insured	No Opt. Call	AA	18,200,650
3,815	Southwestern Illinois Development Authority, Environmental Improvement Revenue Bonds, US Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	8/22 at 100.00	B	3,378,335
1,580	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/32	10/23 at 100.00	A	1,952,074
11,350	Will County Community High School District 210 Lincoln-Way, Illinois, General Obligation Bonds, Series 2006, 0.000%, 1/01/24 – AGM Insured	No Opt. Call	A2	8,990,222
630,693	Total Illinois Indiana – 5.7% (3.7% of Total Investments)			530,971,356
	Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,694,472
2,705	0.000%, 2/01/25	No Opt. Call	AA+	2,284,264
4,400	Crown Point Multi-School Building Corporation, Indiana, First Mortgage Bonds, Crown Point Community School Corporation, Series 2000, 0.000%, 1/15/24 – NPMFG Insured	No Opt. Call	AA+	3,838,868
680	Indiana Finance Authority, Educational Facilities Revenue Bonds, Butler University Project, Refunding Series 2012B, 5.000%, 2/01/29	2/22 at 100.00	A–	781,891
1,050			B–	1,050,441

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

	Indiana Finance Authority, Educational Facilities Revenue Bonds, Drexel Foundation For Educational Excellence, Inc., Series 2009A, 7.000%, 10/01/39	10/19 at 100.00		
520	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2010, 6.000%, 12/01/26	6/20 at 100.00	B	512,876
1,230	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	No Opt. Call	B	1,089,214
11,000	Indiana Finance Authority, Health System Revenue Bonds, Franciscan Alliance, Inc. Obligated Group, Series 2016A, 4.000%, 11/01/51	11/25 at 100.00	AA	11,583,220
4,465	Indiana Finance Authority, Health System Revenue Bonds, Sisters of Saint Francis Health Services, Inc. Obligated Group, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	5,025,313
1,815	Indiana Finance Authority, Hospital Revenue Bonds, Community Health Network Project, Series 2012A, 5.000%, 5/01/42	5/23 at 100.00	A	2,081,388
1,500	Indiana Finance Authority, Hospital Revenue Bonds, Floyd Memorial Hospital and Health Services Project, Refunding Series 2010, 5.125%, 3/01/30	3/20 at 100.00	BBB-	1,605,795
1,875	Indiana Finance Authority, Hospital Revenue Bonds, Indiana University Health Obligation Group, Refunding 2015A, 4.000%, 12/01/40	6/25 at 100.00	AA	2,042,381
9,300	Indiana Finance Authority, Hospital Revenue Bonds, Major Hospital Project, Series 2014A, 5.000%, 10/01/44	10/23 at 100.00	BBB+	10,715,367
	Indiana Finance Authority, Private Activity Bonds, Ohio River Bridges East End Crossing Project, Series 2013A:			
5,380	5.000%, 7/01/44 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	6,065,842
5,100	5.000%, 7/01/48 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	5,716,284
5,370	5.250%, 1/01/51 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	6,084,156
6,730	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2009A, 5.250%, 12/01/38	12/19 at 100.00	AA	7,614,591
	Indiana Finance Authority, Tax-Exempt Private Activity Revenue Bonds, I-69 Section 5 Project, Series 2014:			
605	5.250%, 9/01/34 (Alternative Minimum Tax)	9/24 at 100.00	BBB-	697,511
3,165	5.250%, 9/01/40 (Alternative Minimum Tax)	9/24 at 100.00	BBB-	3,535,622
7,000	5.000%, 9/01/46 (Alternative Minimum Tax)	9/24 at 100.00	BBB-	7,646,240
6,700	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series	10/21 at 100.00	AA-	7,790,157

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

	2011B, 5.000%, 10/01/41			
13,000	Indiana Finance Authority, Water Utility Revenue Bonds, Citizens Energy Group Project, First Lien Series 2014A, 5.000%, 10/01/44	10/24 at 100.00	AA-	15,494,310
3,485	Indiana Health and Educational Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006B-5, 5.000%, 11/15/36 (Pre-refunded 11/15/16)	11/16 at 100.00	AA+ (4)	3,531,316
2,295	Indiana Health Facility Financing Authority, Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37	3/17 at 100.00	A+	2,349,965
2,445	Indiana Health Facility Financing Authority, Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37 (Pre-refunded 3/01/17)	3/17 at 100.00	N/R (4)	2,515,098
5,180	Indiana Municipal Power Agency, Power Supply Revenue Bonds, Series 2007A, 5.000%, 1/01/42 (Pre-refunded 1/01/17) – NPPFG Insured Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E:	1/17 at 100.00	AA- (4)	5,277,177
2,470	0.000%, 2/01/25 – AMBAC Insured	No Opt. Call	AA	2,066,575
10,000	0.000%, 2/01/26 – AMBAC Insured	No Opt. Call	AA	8,166,100
1,000	Merrillville, Indiana, Economic Development Revenue Bonds, Belvedere Housing Project, Series 2016, 5.750%, 4/01/36	4/24 at 102.00	N/R	1,026,770
1,250	Shoals, Indiana, Exempt Facilities Revenue Bonds, National Gypsum Company Project, Series 2013, 7.250%, 11/01/43 (Alternative Minimum Tax)	11/23 at 100.00	N/R	1,517,150
830	Valparaiso, Indiana, Exempt Facilities Revenue Bonds, Pratt Paper LLC Project, Series 2013, 7.000%, 1/01/44 (Alternative Minimum Tax)	1/24 at 100.00	N/R	1,041,932
	Vigo County Hospital Authority, Indiana, Revenue Bonds, Union Hospital, Series 2007:			
2,500	5.750%, 9/01/42	9/17 at 100.00	N/R	2,570,050
2,500	5.800%, 9/01/47	9/17 at 100.00	N/R	2,570,025
129,495	Total Indiana Iowa – 1.5% (1.0% of Total Investments)			137,582,361
	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013:			
3,180	5.000%, 12/01/19	No Opt. Call	B+	3,307,772
7,055	5.500%, 12/01/22	12/18 at 100.00	B+	7,342,915
1,255	5.250%, 12/01/25	12/23 at 100.00	B+	1,357,998
1,630	Iowa Higher Education Loan Authority, Private College Facility Revenue Bonds, University of Dubuque Project, Refunding Series 2011, 6.000%, 10/01/31	10/21 at 100.00	BBB	1,845,062
1,900	Iowa Higher Education Loan Authority, Private College Facility Revenue Bonds, Upper Iowa	9/23 at 100.00	BB	1,940,698

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

	University Project, Series 2012, 5.000%, 9/01/43			
2,000	Iowa Student Loan Liquidity Corporation, Student Loan Revenue Bonds, Refunding Series 2009-2, 5.500%, 12/01/25	12/19 at 100.00	A1	2,212,140
6,425	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C: 5.375%, 6/01/38	10/16 at 100.00	B+	6,425,450
525	5.500%, 6/01/42	10/16 at 100.00	B+	525,032
5,045	5.625%, 6/01/46	10/16 at 100.00	B+	5,058,268
6,590	Iowa Tobacco Settlement Authority, Tobacco Asset-Backed Revenue Bonds, Series 2005B, 5.600%, 6/01/34	6/17 at 100.00	B+	6,645,224
35,605	Total Iowa Kansas – 0.7% (0.4% of Total Investments)			36,660,559
	Johnson and Miami Counties Unified School District 230, Kansas, General Obligation Bonds, Series 2011A:			
2,000	5.000%, 9/01/26 (Pre-refunded 9/01/21)	9/21 at 100.00	Aa3 (4)	2,388,060
1,000	5.000%, 9/01/27 (Pre-refunded 9/01/21)	9/21 at 100.00	Aa3 (4)	1,194,030
2,000	Kansas Development Finance Authority, Hospital Revenue Bonds, Adventist Health System/Sunbelt Obligated Group, Series 2012A, 5.000%, 11/15/28	5/22 at 100.00	AA	2,392,880
1,485	Kansas State Power Pool, Electric Utility Revenue Bonds, Dogwood Energy Facility, Series 2012A, 5.000%, 12/01/31	12/20 at 100.00	A3	1,662,487
2,755	Overland Park Development Corporation, Kansas, First Tier Revenue Bonds, Overland Park Convention Center, Series 2007A, 5.125%, 1/01/22 – AMBAC Insured	1/17 at 100.00	BB+	2,770,400
555	Overland Park Transportation Development District, Kansas, Sales Tax Revenue Bonds, Oak Park Mall Project, Series 2010, 5.900%, 4/01/32	4/20 at 100.00	BBB	591,891
	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Bonds, Vacation Village Project Area 1 and 2A, Series 2015:			
3,865	5.750%, 9/01/32	9/25 at 100.00	N/R	4,026,518
1,840	6.000%, 9/01/35	9/25 at 100.00	N/R	1,913,784
30	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–	22,921
15,530	Total Kansas Kentucky – 1.7% (1.1% of Total Investments)			16,962,971

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

1,000	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+	1,144,080
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
1,500	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Baptist Healthcare System Obligated Group, Series 2009A, 5.375%, 8/15/24	8/19 at 100.00	A+	1,625,820
	Kentucky Economic Development Finance Authority, Kentucky, Healthcare Facilities Revenue Bonds, Rosedale Green Project, Refunding Series 2015:			
500	5.750%, 11/15/45	11/25 at 100.00	N/R	539,910
2,250	5.750%, 11/15/50	11/25 at 100.00	N/R	2,410,313
	Kentucky Economic Development Finance Authority, Louisville Arena Project Revenue Bonds, Louisville Arena Authority, Inc., Series 2008-A1:			
1,000	6.000%, 12/01/33 – AGC Insured	6/18 at 100.00	AA	1,077,170
1,000	6.000%, 12/01/38 – AGC Insured	6/18 at 100.00	AA	1,075,470
1,100	6.000%, 12/01/42 – AGC Insured	6/18 at 100.00	AA	1,183,017
	Kentucky Economic Development Finance Authority, Revenue Bonds, Next Generation Kentucky Information Highway Project, Senior Series 2015A:			
2,130	5.000%, 7/01/40	7/25 at 100.00	BBB+	2,478,681
2,940	5.000%, 1/01/45	7/25 at 100.00	BBB+	3,406,255
	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Convertible Capital Appreciation Series 2013C:			
1,335	0.000%, 7/01/43 (6)	7/31 at 100.00	Baa3	1,192,222
2,295	0.000%, 7/01/46 (6)	7/31 at 100.00	Baa3	2,056,113
	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Series 2013A:			
3,080	5.750%, 7/01/49	7/23 at 100.00	Baa3	3,675,857
615	6.000%, 7/01/53	7/23 at 100.00	Baa3	745,343
5,400	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A, 5.250%, 6/01/29	6/21 at 100.00	Aa3	6,271,290

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

5,000	Pikeville, Kentucky, Hospital Revenue Bonds, Pikeville Medical Center, Inc. Project, Improvement and Refunding Series 2011, 6.250%, 3/01/31	3/21 at 100.00	A3	5,889,950
215	Warren County, Kentucky, Hospital Revenue Bonds, Bowling Green-Warren County Community Hospital Corporation, Series 2012A, 4.000%, 10/01/29	10/22 at 100.00	A+	233,142
37,375	Total Kentucky Louisiana – 2.2% (1.4% of Total Investments)			41,957,071
2,000	Jefferson Parish Hospital Service District 2, Louisiana, Hospital Revenue Bonds, East Jefferson General Hospital, Refunding Series 2011, 6.375%, 7/01/41	7/21 at 100.00	BB	2,275,680
3,000	Louisiana Local Government Environmental Facilities & Community Development Authority, Revenue Bonds, Westlake Chemical Corporation Project, Series 2007, 6.750%, 11/01/32	11/17 at 100.00	BBB+	3,212,370
7,445	Louisiana Public Facilities Authority, Dock and Wharf Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.500%, 7/01/36 (Alternative Minimum Tax)	7/23 at 100.00	N/R	8,458,339
1,460	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+	1,731,648
11,960	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	A–	12,347,743
4,540	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)	4,721,010
4,425	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2011, 6.750%, 5/15/41 (Pre-refunded 5/15/21)	5/21 at 100.00	A– (4)	5,639,486
1,060	Louisiana Public Facilities Authority, Revenue Bonds, Southwest Louisiana Charter Academy Foundation Project, Series 2013A, 8.375%, 12/15/43	12/23 at 100.00	N/R	1,287,720
2,235	Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A, 5.000%, 7/01/36	7/23 at 100.00	A	2,595,796
5,100	New Orleans Aviation Board, Louisiana, Revenue Bonds, North Terminal Project, Series 2015B, 5.000%, 1/01/45 (Alternative Minimum Tax)	1/25 at 100.00	A–	5,915,796
2,560	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 5.000%, 6/01/44	6/24 at 100.00	A	3,020,928
2,145	St John Baptist Parish, Louisiana, Revenue Bonds, Marathon Oil Corporation, Series 2007A, 5.125%, 6/01/37	6/17 at 100.00	BBB	2,194,142
47,930	Total Louisiana Maine – 0.5% (0.3% of Total Investments)			53,400,658
1,025	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	1,151,916

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

4,360	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2016A, 5.000%, 7/01/46 Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Maine General Medical Center, Series 2011: 6.750%, 7/01/36	7/26 at 100.00	BBB	5,044,651
2,000		7/21 at 100.00	BBB-	2,294,420
1,050	6.750%, 7/01/41	7/21 at 100.00	BBB-	1,203,038
1,250	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	AA	1,413,738
9,685	Total Maine Maryland – 0.2% (0.1% of Total Investments)			11,107,763
1,000	Howard County, Maryland, Retirement Community Revenue Bonds, Vantage House, Series 2007B, 5.250%, 4/01/37	4/17 at 100.00	N/R	1,008,750
2,000	Maryland Economic Development Corporation, Revenue Bonds, Chesapeake Bay Hyatt Conference Center, Series 2006A, 5.000%, 12/01/31 (8)	12/16 at 100.00	N/R	1,194,200
555	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Ridge Retirement Community, Series 2007, 4.750%, 7/01/34	7/17 at 100.00	A-	564,696
2,000	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	2,353,360
355	Prince George's County Revenue Authority, Maryland, Special Obligation Bonds, Suitland-Naylor Road Project, Series 2016, 5.000%, 7/01/46	1/26 at 100.00	N/R	373,840
5,910	Total Maryland Massachusetts – 3.2% (2.1% of Total Investments)			5,494,846
8,825	Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Refunding Senior Lien Series 2010B, 5.000%, 1/01/32	1/20 at 100.00	A+	9,990,518
475	Massachusetts Development Finance Agency, Revenue Bonds, Boston Medical Center Issue, Green Bonds, Series 2015D, 5.000%, 7/01/44	No Opt. Call	BBB	553,522
1,525	Massachusetts Development Finance Agency, Revenue Bonds, Emerson College, Series 2015, 4.500%, 1/01/45	1/25 at 100.00	BBB+	1,688,114
2,945	Massachusetts Development Finance Agency, Revenue Bonds, Emmanuel College, Series 2016A, 5.000%, 10/01/43	10/26 at 100.00	Baa2	3,455,133
2,375	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/16 at 101.00	N/R	2,402,146
31,120	Massachusetts Educational Financing Authority, Education Loan Revenue Bonds, Series 2016J, 3.500%, 7/01/33 (Alternative Minimum Tax)	No Opt. Call	A	31,768,230
1,500			AA	1,672,140

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

	Massachusetts Health and Education Facilities Authority, Revenue Bonds, Partners HealthCare System, Series 2010J, 5.000%, 7/01/39	7/19 at 100.00		
620	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, CareGroup Inc., Series 2008E-1 &2, 5.125%, 7/01/33 (Pre-refunded 7/01/18)	7/18 at 100.00	A- (4)	673,971
5,800	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	6,471,234
400	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	455,492
5,000	Massachusetts Port Authority, Special Facilities Revenue Bonds, Delta Air Lines Inc., Series 2001A, 5.500%, 1/01/18 – AMBAC Insured (Alternative Minimum Tax)	1/17 at 100.00	N/R	5,020,800
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
7,175	Metropolitan Boston Transit Parking Corporation, Massachusetts, Systemwide Senior Lien Parking Revenue Bonds, Series 2011, 5.000%, 7/01/41	7/21 at 100.00	A+	8,369,638
72,320	Total Massachusetts Michigan – 5.5% (3.5% of Total Investments) Detroit Academy of Arts and Sciences, Michigan, Public School Academy Revenue Bonds, Refunding Series 2013:			77,955,455
1,025	6.000%, 10/01/33	10/23 at 100.00	N/R	1,017,313
1,250	6.000%, 10/01/43	10/23 at 100.00	N/R	1,217,225
15,000	Detroit City School District, Wayne County, Michigan, General Obligation Bonds, Series 2001A, 6.000%, 5/01/29 – AGM Insured (UB)	No Opt. Call	Aa1	19,333,200
1,930	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-	2,214,714
625	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00	AA	681,875
5	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 4.500%, 7/01/35 – NPMFG Insured	10/16 at 100.00	AA-	5,015
3,000	Detroit, Michigan, Senior Lien Sewerage Disposal System Revenue Bonds, Series 2001B, 5.500%, 7/01/29 – FGIC Insured	No Opt. Call	AA-	3,861,840
2,835	Detroit, Michigan, Sewage Disposal System Revenue Bonds, Second Lien Series 2006A, 5.500%, 7/01/36 – BHAC Insured	7/18 at 100.00	AA+	3,040,084
2,500	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2001E, 5.750%,	7/18 at 100.00	AA+	2,704,025

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

7/01/31 – BHAC Insured

Detroit, Michigan, Sewer Disposal System Revenue Bonds,
Second Lien, Series 2006B:

5,400	4.625%, 7/01/34 – FGIC Insured	10/16 at 100.00	AA–	5,416,848
4,375	5.000%, 7/01/36 – MBIA-NPFG Insured	10/16 at 100.00	AA–	4,390,138
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	A–	2,248,260
3,750	Detroit, Michigan, Water Supply System Second Lien Revenue Refunding Bonds, Series 2006C, 5.000%, 7/01/33 – AGM Insured	No Opt. Call	AA	3,764,738
4,000	Detroit, Michigan, Water Supply System Senior Lien Revenue Refunding Bonds, Series 2006D, 5.000%, 7/01/32 – AGM Insured	10/16 at 100.00	AA	4,016,240
2,000	Garden City Hospital Finance Authority, Michigan, Revenue Bonds, Garden City Hospital Obligated Group, Series 2007A, 5.000%, 8/15/38 (Pre-refunded 8/15/17)	8/17 at 100.00	N/R (4)	2,092,340
2,000	Grand Traverse County Hospital Financial Authority, Michigan, Revenue Bonds, Munson Healthcare, Series 2014A, 5.000%, 7/01/47	No Opt. Call	AA–	2,328,920
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote Memorial Hospital, Refunding Series 2006B-2, 5.000%, 6/01/27 – AGM Insured	6/20 at 100.00	AA	1,693,125
6,880	Kalamazoo Hospital Finance Authority, Michigan, Hospital Revenue Bonds, Bronson Methodist Hospital, Refunding Series 2010, 5.500%, 5/15/36	5/20 at 100.00	A2	7,821,597
1,900	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 5.250%, 7/01/30	10/16 at 100.00	BB	1,903,059
3,580	Lansing Board of Water and Light, Michigan, Utility System Revenue Bonds, Series 2011A, 5.500%, 7/01/41	7/21 at 100.00	AA–	4,264,496
1,000	Michigan Finance Authority, Local Government Loan Program Revenue Bonds, Detroit Water & Sewerage Department Water Supply System Local Project, Series 2014D-6, 5.000%, 7/01/36 – NPFG Insured	7/24 at 100.00	AA–	1,161,490
4,980	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011, 5.000%, 12/01/39	12/21 at 100.00	AA–	5,812,507
20	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)	24,263
3,670	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2015, 5.000%, 12/01/32	6/22 at 100.00	AA	4,318,049
2,860	Michigan Housing Development Authority, Rental Housing Revenue Bonds, Series 2012D,	4/22 at 100.00	AA	2,977,460

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

	3.650%, 10/01/32			
2,500	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2009-I, 5.000%, 10/15/23 – AGC Insured	No Opt. Call	AA	2,816,450
2,250	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2011-I-A, 5.375%, 10/15/41	10/21 at 100.00	Aa2	2,633,175
12,500	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2015-I: 5.000%, 4/15/32	10/25 at 100.00	Aa2	15,356,625
6,000	5.000%, 10/15/45	10/25 at 100.00	Aa2	7,183,440
3,595	Michigan State Building Authority, Revenue Bonds, Refunding Series 2006IA, 0.000%, 10/15/30 – NPPG Insured	10/16 at 50.02	Aa2	1,792,251
2,655	Michigan State Building Authority, Revenue Bonds, Refunding Series 2006IA, 0.000%, 10/15/30 (Pre-refunded 10/15/16) – NPPG Insured	10/16 at 50.02	Aa2 (4)	1,326,730
3,220	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A–	3,678,303
4,500	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	4,566,285
365	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)	370,585
1,525	Michigan Tobacco Settlement Finance Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2008A, 6.875%, 6/01/42	6/18 at 100.00	B2	1,574,425
2,000	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2012A, 5.000%, 12/01/37	No Opt. Call	A	2,268,780
119,195	Total Michigan Minnesota – 0.9% (0.6% of Total Investments)			131,875,870
700	City of Ham Lake, Minnesota, Charter School Lease Revenue Bonds, DaVinci Academy Project, Series 2016A, 5.000%, 7/01/47	7/24 at 102.00	N/R	733,957
2,020	Dakota County Community Development Agency, Minnesota, GNMA Collateralized Multifamily Housing Revenue Bonds, Rose Apartments Project, Series 2001, 6.350%, 10/20/37 (Alternative Minimum Tax)	10/16 at 100.00	Aa1	2,033,191
1,000	Duluth Housing & Redevelopment Authority, Minnesota, Lease Revenue Bonds, Duluth Public Schools Academy, Series 2010A, 5.875%, 11/01/40	11/20 at 100.00	BBB–	1,072,340
1,500	Forest Lake, Minnesota, Charter School Lease Revenue Bonds, Lakes International Language Academy, Series 2014A, 5.750%, 8/01/44	8/22 at 100.00	BB+	1,666,725
5,265			A	6,408,032

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

	Housing and Redevelopment Authority of the City of Saint Paul, 7/25 at Minnesota, Health Care	100.00		
	Facilities Revenue Refunding Bonds, HealthPartners Obligated Group, Series 2015A, 5.000%, 7/01/33			
795	Minneapolis, Minnesota, Charter School Lease Revenue Bonds, Hiawatha Academies Project, Series 2016A, 5.000%, 7/01/36	7/24 at 102.00	N/R	838,224
4,230	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	4,735,908
770	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)	873,219
4,250	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	8/16 at 100.00	N/R	4,254,718
20,530	Total Minnesota Mississippi – 0.4% (0.3% of Total Investments)			22,616,314
1,990	Mississippi Business Finance Corporation, GNMA Collateralized Retirement Facility Mortgage Revenue Refunding Bonds, Aldersgate Retirement Community Inc. Project, Series 1999A, 5.450%, 5/20/34	11/16 at 100.00	AA+	1,999,055
620	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/16 at 100.00	BBB	639,778
5,215	Mississippi State, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA	5,806,016
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2008A, 6.500%, 9/01/32	9/18 at 100.00	BBB	1,107,070
8,825	Total Mississippi Missouri – 2.3% (1.5% of Total Investments)			9,551,919
1,400	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/44	10/22 at 100.00	AA+	1,646,246
3,495	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36	6/17 at 100.00	BB+	3,497,307
1,270	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeasthealth, Series 2016A, 6.000%, 3/01/33	3/23 at 103.00	N/R	1,398,257
1,000	Clinton County Industrial Development Authority, Missouri, Revenue Bonds, Cameron Regional Medical Center, Series 2007, 5.000%, 12/01/32	12/17 at 100.00	N/R	1,014,950
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri,	10/19 at 100.00	A–	1,116,860

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

	Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36			
135	Kansas City Industrial Development Authority, Missouri, Sales Tax Revenue Bonds, Ward Parkway Center Community Improvement District, Senior Refunding & Improvement Series 2016, 5.000%, 4/01/46	4/26 at 100.00	N/R	134,991
12,005	Kansas City Municipal Assistance Corporation, Missouri, Leasehold Revenue Bonds, Series 2004B-1, 0.000%, 4/15/29 – AMBAC Insured	No Opt. Call	AA–	8,476,851
1,000	Liberty Public School District 53, Clay County, Missouri, Lease Participation Certificates, School Boards Association, Series 2014, 5.000%, 4/01/31 Liberty, Missouri, Special Obligation Tax Increment and Special Districts Bonds, Liberty Commons Project, Series 2015A: 5.125%, 6/01/25	4/22 at 100.00	AA–	1,170,030
1,560	5.750%, 6/01/35	No Opt. Call 6/25 at 100.00	N/R	1,635,410
3,810	6.000%, 6/01/46	6/25 at 100.00	N/R	3,971,354
3,695	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Kansas City University of Medicine and Biosciences, Series 2013A: 5.000%, 6/01/30	6/23 at 100.00	N/R	3,863,012
1,590	5.000%, 6/01/33	6/23 at 100.00	A1	1,855,355
2,700	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.250%, 5/01/33	6/23 at 100.00	A1	3,121,821
665	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, University of Central Missouri, Series 2013C-2, 5.000%, 10/01/34	5/23 at 100.00	BBB+	760,221
505	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, CoxHealth, Series 2013A: 5.000%, 11/15/44	10/23 at 100.00	A+	597,597
50	5.000%, 11/15/48	11/23 at 100.00	A2	58,051
6,930	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Mercy Health, Series 2014F, 5.000%, 11/15/45	11/23 at 100.00	A2	8,003,457
2,000	Missouri Health and Educational Facilities Authority, Revenue Bonds, Washington University, Series 2011B, 5.000%, 11/15/37	11/24 at 100.00	AA–	2,367,440
2,500	Missouri Joint Municipal Electric Utility Commission, Prairie State Power Project Revenue	11/21 at 100.00	AAA	2,937,425
2,000		1/17 at 100.00	AA+ (4)	2,037,520

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

Bonds, Series 2007A, 5.000%, 1/01/32 (Pre-refunded 1/01/17) –
AMBAC Insured

Saint Louis, Missouri, Parking Revenue Bonds, Series 2006A:

370	4.500%, 12/15/23 – NPFPG Insured	12/16 at 100.00	AA–	375,428
415	4.500%, 12/15/26 – NPFPG Insured	12/16 at 100.00	AA–	421,109
Saint Louis, Missouri, Parking Revenue Bonds, Series 2006A:				
955	4.500%, 12/15/23 (Pre-refunded 12/15/16)	12/16 at 100.00	AA– (4)	969,564
1,060	4.500%, 12/15/26 (Pre-refunded 12/15/16)	12/16 at 100.00	AA– (4)	1,076,165
430	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–	508,557
St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Saint Andrew’s Resources for Seniors, Series 2015A:				
450	5.000%, 12/01/35	12/25 at 100.00	N/R	485,487
130	5.125%, 12/01/45	12/25 at 100.00	N/R	139,411
980	Stoddard County Industrial Development Authority, Missouri, Health Facility Revenue Bonds, Southeasthealth, Series 2016B, 6.000%, 3/01/37	3/23 at 103.00	N/R	1,067,220
54,100	Total Missouri Nebraska – 0.5% (0.3% of Total Investments)			54,707,096
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 2, Nebraska, Hospital Revenue Bonds, Madonna Rehabilitation Hospital Project, Series 2014:				
1,930	5.000%, 5/15/27	5/24 at 100.00	BBB+	2,300,444
3,000	5.000%, 5/15/36	5/24 at 100.00	BBB+	3,442,200
Douglas County Hospital Authority 3, Nebraska, Health Facilities Revenue Bonds, Nebraska Methodist Health System, Refunding Series 2015:				
650	5.000%, 11/01/45	11/25 at 100.00	A–	766,149
2,110	5.000%, 11/01/48	11/25 at 100.00	A–	2,480,537
500	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–	563,375
1,005	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2,	2/17 at 100.00	AA+ (4)	1,581,729

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

Tender Option Bond Trust 2016-XF2220, Formerly Tender Option Bond Trust 11673, 19.267%, 8/01/40 (Pre-refunded 2/01/17) – BHAC Insured (IF)				
9,775	Total Nebraska			11,818,074
	Nevada – 4.1% (2.7% of Total Investments)			
29,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	33,580,260
6,935	Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran International Airport, Series 2010A, 5.250%, 7/01/42	1/20 at 100.00	A+	7,796,812
23,000	Henderson, Nevada, Healthcare Facility Revenue Refunding Bonds, Catholic Healthcare West, Series 2007B, 5.250%, 7/01/31 – BHAC Insured (UB) (7)	7/17 at 100.00	AA+	23,842,950
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30 (Pre-refunded 6/15/19)	6/19 at 100.00	BBB+ (4)	2,046,341
4,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2015, 5.000%, 6/01/39	12/24 at 100.00	Aa1	4,855,720
3,395	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Water & Refunding Series 2009D, 5.000%, 6/01/27	6/19 at 100.00	Aa1	3,771,777
10,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Water & Refunding Series 2011C, 5.000%, 6/01/38	6/21 at 100.00	Aa1	11,598,800
5,000	North Las Vegas, Nevada, General Obligation Bonds, Series 2006, 5.000%, 5/01/36 – NPMF Insured	10/16 at 100.00	AA–	4,987,150
7,000	Reno, Nevada, Health Facility Revenue Bonds, Catholic Healthcare West, Series 2007A, 5.250%, 7/01/31 – BHAC Insured (UB) (7)	7/17 at 100.00	AA+	7,256,550
90,030	Total Nevada			99,736,360
	New Hampshire – 0.1% (0.0% of Total Investments)			
1,500	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	1,697,385
	New Jersey – 3.9% (2.5% of Total Investments)			
615	Gloucester County Pollution Control Financing Authority, New Jersey, Pollution Control Revenue Bonds, Logan Project, Refunding Series 2014A, 5.000%, 12/01/24 (Alternative Minimum Tax)	No Opt. Call	BBB–	712,847
1,100	New Jersey Economic Development Authority, Private Activity Bonds, The Goethals Bridge Replacement Project, Series 2013, 5.125%, 7/01/42 – AGM Insured (Alternative Minimum Tax)	1/24 at 100.00	AA	1,275,890
5,050	New Jersey Economic Development Authority, Revenue Bonds, Motor Vehicle Surcharge, Series 2004A, 5.250%, 7/01/33 – NPMF Insured	10/16 at 100.00	AA–	5,105,298
3,050	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Refunding Series 2011GG, 5.000%, 9/01/24	3/21 at 100.00	A–	3,347,101

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

New Jersey Economic Development Authority, Student Housing
 Revenue Bonds, Provident
 Group-Montclair Properties LLC, Montclair State University
 Student Housing Project,
 Series 2010A:

835	5.750%, 6/01/31	6/20 at 100.00	Baa3	946,489
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,391,230
1,120	New Jersey Educational Facilities Authority, Revenue Bonds, Seton Hall University, Series 2013D, 5.000%, 7/01/33	7/23 at 100.00	A	1,321,902
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
405	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, University Hospital Issue, Refunding Series 2015A, 5.000%, 7/01/46 – AGM Insured New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A:	7/25 at 100.00	AA	477,531
3,130	0.000%, 12/15/28	No Opt. Call	A–	1,935,248
3,000	0.000%, 12/15/31	No Opt. Call	A–	1,613,280
12,715	0.000%, 12/15/33	No Opt. Call	A–	6,232,893
610	0.000%, 12/15/34	No Opt. Call	A–	285,456
2,480	0.000%, 12/15/40	No Opt. Call	A–	886,451
	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006C:			
15,000	0.000%, 12/15/30 – FGIC Insured	No Opt. Call	AA–	9,037,200
15,000	0.000%, 12/15/32 – AGM Insured	No Opt. Call	AA	8,314,950
20,000	0.000%, 12/15/33 – AGM Insured	No Opt. Call	AA	10,603,600
5,600	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2008A, 0.000%, 12/15/36	No Opt. Call	A–	2,383,976
2,215	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2009A, 0.000%, 12/15/39	No Opt. Call	A–	827,746
5,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2009C, 5.250%, 6/15/32	12/24 at 100.00	A–	5,739,950
5,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.000%, 6/15/42	No Opt. Call	A–	5,408,000
3,645	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2013AA, 5.000%, 6/15/44	6/23 at 100.00	A–	4,002,210
6,305	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA, 5.000%, 6/15/45	6/25 at 100.00	A–	7,005,864
12,870			B–	12,733,707

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

	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 5.000%, 6/01/41	6/17 at 100.00		
128,345	Total New Jersey			94,257,231
	New Mexico – 0.3% (0.2% of Total Investments)			
1,500	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 6.125%, 7/01/40	7/20 at 100.00	BBB–	1,641,945
4,180	Winrock Town Center Tax Increment Development District, Albuquerque, New Mexico, Gross Receipts Tax Increment Bonds, Senior Lien Series 2015, 5.750%, 5/01/30	5/20 at 103.00	N/R	4,470,928
5,680	Total New Mexico			6,112,873
	New York – 12.2% (7.9% of Total Investments)			
1,755	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32 Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project, Series 2009: 6.000%, 7/15/30	4/17 at 100.00	B	1,637,275
3,220		1/20 at 100.00	BBB–	3,695,755
3,065	6.250%, 7/15/40	1/20 at 100.00	BBB–	3,542,435
3,400	0.000%, 7/15/44	No Opt. Call	BBB–	1,043,324
12,020	0.000%, 7/15/46	No Opt. Call	BBB–	3,301,293
450	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 5.250%, 7/01/35	7/25 at 100.00	BBB+	543,407
200	Build New York City Resource Corporation, New York, Revenue Bonds, Metropolitan College of New York, Series 2014, 5.000%, 11/01/39	11/24 at 100.00	BB	216,052
3,170	Dormitory Authority of the State of New York, Revenue Bonds, New School University, Series 2015A, 5.000%, 7/01/50	7/25 at 100.00	A–	3,714,448
4,675	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41	3/21 at 100.00	AAA	5,470,498
69,130	Erie County Tobacco Asset Securitization Corporation, New York, Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47	10/16 at 17.16	N/R	9,458,367
81,270	Erie County Tobacco Asset Securitization Corporation, New York, Tobacco Settlement Asset-Backed Bonds, Series 2005C, 0.000%, 6/01/50 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A: 5.750%, 2/15/47	10/16 at 12.25	N/R	7,805,984
2,100		2/21 at 100.00	A	2,485,077

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

6,160	5.250%, 2/15/47	2/21 at 100.00	A	7,096,382
7,310	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMFG Insured	2/17 at 100.00	AA–	7,454,811
3,000	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2014A, 5.000%, 9/01/39	9/24 at 100.00	A–	3,580,050
1,200	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	1,383,516
6,000	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2012A, 5.000%, 9/01/42	9/22 at 100.00	A–	7,057,080
1,070	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	11/19 at 100.00	AA	1,216,248
20,000	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Refunding Green Series 2016B, 5.000%, 11/15/37	11/26 at 100.00	AA–	24,635,400
2,500	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Refunding Series 2012F, 5.000%, 11/15/26	11/22 at 100.00	AA–	3,043,350
750	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	AA–	882,900
2,500	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2013A, 5.000%, 11/15/38	5/23 at 100.00	AA–	2,974,200
	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2006B:			
1,749	4.500%, 11/15/32 (Pre-refunded 11/15/16) – AGM Insured (UB)	11/16 at 100.00	AA (4)	1,769,628
11,051	4.500%, 11/15/32 – AGM Insured (UB)	11/16 at 100.00	AA	11,174,421
245	New York City Industrial Development Agency, New York, American Airlines-JFK International Airport Special Facility Revenue Bonds, Series 2005, 7.500%, 8/01/16 (Alternative Minimum Tax) (ETM)	No Opt. Call	N/R (4)	245,096
4,375	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	5,179,344
3,750	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2015 Series AA, 4.000%, 6/15/44	6/24 at 100.00	AA+	4,175,400
1,685	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2007B, 4.750%, 11/01/27	5/17 at 100.00	AAA	1,737,184

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

10,000	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Subordinate Fiscal 2013 Series I, 5.000%, 5/01/38	5/23 at 100.00	AAA	11,977,400
10	New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.625%, 8/01/20 – NPMFG Insured	10/16 at 100.00	AA	10,043
52,540	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44 New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011:	11/24 at 100.00	N/R	60,453,049
1,870	5.000%, 11/15/44	11/21 at 100.00	A+	2,184,235
2,000	5.750%, 11/15/51	No Opt. Call	A+	2,421,940
3,000	New York State Power Authority, General Revenue Bonds, Series 2011A, 5.000%, 11/15/38	11/21 at 100.00	Aa1	3,557,640
15,265	New York Transportation Development Corporation, New York, Special Facility Revenue Bonds, American Airlines, Inc. John F Kennedy International Airport Project, Refunding Series 2016, 5.000%, 8/01/26 (Mandatory put 8/01/21) (Alternative Minimum Tax) New York Transportation Development Corporation, Special Facilities Bonds, LaGuardia Airport Terminal B Redevelopment Project, Series 2016A:	8/21 at 100.00	BB	16,989,334
7,125	5.000%, 7/01/46 (Alternative Minimum Tax)	7/24 at 100.00	BBB	8,185,841
41,610	5.250%, 1/01/50 (Alternative Minimum Tax) Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010:	7/24 at 100.00	BBB	48,357,894
6,065	6.500%, 12/01/28	10/16 at 100.00	Baa1	6,246,950
3,430	6.000%, 12/01/36	12/20 at 100.00	Baa1	4,054,226
795	6.000%, 12/01/42	12/20 at 100.00	Baa1	937,019
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
404,010	Total New York North Carolina – 0.7% (0.5% of Total Investments)			294,922,421
1,710	Charlotte-Mecklenberg Hospital Authority, North Carolina, Carolinas HealthCare System Revenue Bonds, Tender Option Bond Trust 2016-XG0005, Formerly Tender Option Bond Trust 1149, 14.344%, 1/15/47 (IF) (7)	1/18 at 100.00	AA-	1,938,011
1,950	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds,	1/17 at 100.00	AA-	1,987,148

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

Carolinas Health Care, Series 2007A, 5.000%, 1/15/31
 North Carolina Department of Transportation, Private Activity
 Revenue Bonds, I-77 Hot Lanes
 Project, Series 2015:

1,505	5.000%, 12/31/37 (Alternative Minimum Tax)	6/25 at 100.00	BBB-	1,730,103
2,150	5.000%, 6/30/54 (Alternative Minimum Tax)	6/25 at 100.00	BBB-	2,423,287
3,500	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2009A, 5.000%, 6/01/42 (Pre-refunded 6/01/19)	6/19 at 100.00	Aa2 (4)	3,928,750
3,300	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, WakeMed, Refunding Series 2012A, 5.000%, 10/01/31	10/22 at 100.00	A+	3,876,774
1,900	North Carolina Turnpike Authority, Triangle Expressway System Revenue Bonds, Series 2009A, 5.750%, 1/01/39 – AGC Insured	1/19 at 100.00	AA	2,096,137
16,015	Total North Carolina North Dakota – 0.6% (0.4% of Total Investments)			17,980,210
1,000	Burleigh County, North Dakota, Health Care Revenue Bonds, Saint Alexius Medical Center Project, Series 2014A, 5.000%, 7/01/35 (Pre-refunded 7/01/21) Fargo, North Dakota, Health System Revenue Bonds, Sanford Health, Refunding Series 2011:	7/21 at 100.00	N/R (4)	1,195,100
1,500	6.000%, 11/01/28	11/21 at 100.00	A+	1,828,815
2,190	6.250%, 11/01/31 Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012:	11/21 at 100.00	A+	2,703,774
3,000	5.000%, 12/01/29	12/21 at 100.00	A-	3,416,820
1,875	5.000%, 12/01/32	12/21 at 100.00	A-	2,111,344
2,350	Ward County Health Care, North Dakota, Revenue Bonds, Trinity Obligated Group, Series 2006, 5.125%, 7/01/25	10/16 at 100.00	BBB-	2,357,661
11,915	Total North Dakota Ohio – 7.7% (5.0% of Total Investments)			13,613,514
800	Allen County, Ohio, Hospital Facilities Revenue Bonds, Catholic Health Partners, Refunding and Improvement Series 2012A, 5.000%, 5/01/42	5/22 at 100.00	AA-	919,984
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	2/18 at 100.00	A1	632,604

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

Buckeye Tobacco Settlement Financing Authority, Ohio,
Tobacco Settlement Asset-Backed Revenue
Bonds, Senior Lien, Series 2007A-2:

685	5.375%, 6/01/24	6/17 at 100.00	B-	677,410
500	5.125%, 6/01/24	6/17 at 100.00	B-	493,845
16,555	5.875%, 6/01/30	6/17 at 100.00	B-	16,556,656
22,985	5.750%, 6/01/34	6/17 at 100.00	B-	22,881,568
5,240	6.000%, 6/01/42	6/17 at 100.00	B-	5,241,205
44,590	6.500%, 6/01/47	6/17 at 100.00	B-	45,596,842
24,975	5.875%, 6/01/47	6/17 at 100.00	B-	24,962,013
17,550	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37 Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:	6/22 at 100.00	B-	17,930,484
2,000	5.250%, 11/01/29	11/20 at 100.00	A	2,342,740
3,000	5.750%, 11/01/40	11/20 at 100.00	A	3,568,020
3,040	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26	7/21 at 100.00	BBB-	3,376,558
5,800	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	AA+	6,625,978
3,055	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	3,031,538
4,615	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	AA	5,654,898
1,000	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Corp. Project, Series 2008C, 3.950%, 11/01/32 (Mandatory put 5/01/20) (Alternative Minimum Tax)	No Opt. Call	Ba2	1,021,500
7,850	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	No Opt. Call	BBB-	8,750,945
10	Ohio Air Quality Development Authority, Revenue Refunding Bonds, AK Steel Holding Corporation, Series 2012A, 6.750%, 6/01/24 (Alternative Minimum Tax)	2/22 at 100.00	B-	7,918
2,000			A+	2,431,060

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

	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.250%, 2/15/33	2/23 at 100.00		
330	Ohio Water Development Authority, Ohio, Environmental Improvement Bonds, United States Steel Corporation Project, Refunding Series 2011, 6.600%, 5/01/29	No Opt. Call B		325,905
3,000	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2008C, 3.950%, 11/01/32 (Mandatory put 5/01/20) (Alternative Minimum Tax)	No Opt. Call Ba2		3,064,500
179,580	Total Ohio			186,177,272
	Oklahoma – 1.8% (1.2% of Total Investments)			
2,000	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	2,421,860
3,500	Grand River Dam Authority, Oklahoma, Revenue Bonds, Series 2010A, 5.250%, 6/01/40	6/20 at 100.00	A+	4,002,460
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)	8/18 at 100.00	AA– (4)	1,832,584
	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007:			
4,390	5.000%, 2/15/37	2/17 at 100.00	AA	4,484,122
13,295	5.000%, 2/15/42	2/17 at 100.00	AA	13,577,120
	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007:			
150	5.000%, 2/15/37 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	153,662
450	5.000%, 2/15/42 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	460,985
2,000	Oklahoma Municipal Power Authority, Power Supply System Revenue Bonds, Series 2007, 4.500%, 1/01/47 – FGIC Insured	1/17 at 100.00	AA–	2,029,920
2,055	Tulsa Airports Improvement Trust, Oklahoma, General Airport Revenue Bonds, Series 2013A, 5.375%, 6/01/33 – BAM Insured (Alternative Minimum Tax)	6/23 at 100.00	AA	2,403,795
11,920	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB) (7)	12/16 at 100.00	AA+	12,110,601
176	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Tender Option Bond Trust 2016-XF0390, 8.161%, 12/15/36 (IF) (7)	12/16 at 100.00	AA+	181,116
41,611	Total Oklahoma			43,658,225
	Oregon – 0.2% (0.1% of Total Investments)			
1,270	Forest Grove, Oregon, Campus Improvement Revenue Bonds, Pacific University Project, Refunding Series 2014A, 5.000%, 5/01/40	5/22 at 100.00	BBB	1,443,546

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

3,000	Oregon State Facilities Authority, Revenue Bonds, Willamette University, Series 2007A, 5.000%, 10/01/36	10/17 at 100.00	A	3,129,840
4,270	Total Oregon Pennsylvania – 5.2% (3.4% of Total Investments) Allegheny Country Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009: 6.750%, 11/01/24	11/19 at 100.00	B	118,126
95	6.875%, 5/01/30	11/19 at 100.00	B	93,857
380	Allegheny Country Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	No Opt. Call	B	336,505
5,000	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	5,659,450
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
32,285	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2006B, 3.500%, 12/01/35 (Mandatory put 6/01/20)	No Opt. Call	Ba2	32,474,513
1,500	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB–	1,512,675
100	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29	1/19 at 100.00	BBB+	111,901
900	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	1,017,639
2,080	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015, 5.000%, 1/01/38	1/25 at 100.00	BBB+	2,433,933
605	Erie Water Authority, Erie County, Pennsylvania, Water Revenue Bonds, Series 2008, 5.000%, 12/01/43 (Pre-refunded 12/01/18) – AGM Insured	12/18 at 100.00	AA (4)	666,577
960	Erie Water Authority, Erie County, Pennsylvania, Water Revenue Bonds, Series 2008, 5.000%, 12/01/43 – AGM Insured	12/18 at 100.00	AA	1,045,680
3,160	Erie Water Authority, Erie County, Pennsylvania, Water Revenue Bonds, Series 2008, 5.000%, 12/01/43 (Pre-refunded 12/01/18) – AGM Insured	12/18 at 100.00	AA (4)	3,481,625

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

Montgomery County Industrial Development Authority,
 Pennsylvania, Health System Revenue Bonds,
 Albert Einstein Healthcare Network Issue, Series 2015A:

6,190	5.250%, 1/15/36	1/25 at 100.00	Baa2	7,082,103
3,535	5.250%, 1/15/45	1/25 at 100.00	Baa2	4,058,534
2,206	Northampton County Industrial Development Authority, Pennsylvania, Recovery Revenue Bonds, Northampton Generating Project, Senior Lien Series 2013A0 & AE2, 5.000%, 12/01/23	10/16 at 100.00	N/R	999,943
156	Northampton County Industrial Development Authority, Pennsylvania, Recovery Revenue Bonds, Northampton Generating Project, Senior Lien Taxable Series 2013B, 5.000%, 12/31/23	10/16 at 100.00	N/R	69,705
4,135	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Bonds, National Gypsum Company, Refunding Series 2014, 5.500%, 11/01/44 (Alternative Minimum Tax)	11/24 at 100.00	N/R	4,669,490
2,750	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+	2,961,283
1,085	Pennsylvania Economic Development Financing Authority, Private Activity Revenue Bonds, Pennsylvania Rapid Bridge Replacement Project, Series 2015, 5.000%, 12/31/38 (Alternative Minimum Tax)	6/26 at 100.00	BBB	1,281,190
600	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43	7/20 at 100.00	Baa3	658,734
1,500	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2006-96A, 4.650%, 10/01/31 (Alternative Minimum Tax) (UB) (7)	10/16 at 100.00	AA+	1,504,305
5,490	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	5,557,966
1,750	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Subordinate Special Revenue Bonds, Series 2010A, 5.500%, 12/01/34	12/20 at 100.00	AA-	2,040,465
5,140	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special Revenue, Series 2011B, 5.000%, 12/01/34	No Opt. Call	AA-	5,956,540
16,750	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Refunding Subordinate Second Series 2016B-2, 5.000%, 6/01/39	6/26 at 100.00	A3	19,804,530
5,660	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A1	6,706,704
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System	5/20 at 100.00	N/R (4)	1,844,394

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

Revenue Bonds, Jefferson Health System, Series 2010B,
5.000%, 5/15/40 (Pre-refunded 5/15/20)
Philadelphia, Pennsylvania, General Obligation Bonds,
Refunding Series 2011:

5,445	6.000%, 8/01/36	8/20 at 100.00	A+	6,465,502
1,425	6.500%, 8/01/41	8/20 at 100.00	A+	1,713,050
	The Redevelopment Authority of the City of Scranton, Lackawanna county, Pennsylvania, Guaranteed Lease Revenue Bonds, Series 2016A:			
705	5.000%, 11/15/21	No Opt. Call	BB	754,611
1,255	5.000%, 11/15/28	5/24 at 100.00	BB	1,347,820
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	A-	1,808,727
116,237	Total Pennsylvania			126,248,141
	Puerto Rico – 0.3% (0.2% of Total Investments)			
215	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.500%, 7/01/29 – AMBAC Insured	No Opt. Call	CC	226,285
30,000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	Caa3	2,958,600
3,975	Puerto Rico, General Obligation Bonds, Public Improvement Series 2002A, 5.500%, 7/01/20 – NPMG Insured	No Opt. Call	AA-	4,222,682
34,190	Total Puerto Rico			7,407,567
	Rhode Island – 0.1% (0.1% of Total Investments)			
25,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52	6/17 at 12.63	CCC+	2,623,750
	South Carolina – 2.5% (1.6% of Total Investments)			
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Refunding Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	AA-	6,105,400
	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2:			
1,220	0.000%, 1/01/23 – FGIC Insured	No Opt. Call	AA-	1,076,711
21,570	0.000%, 1/01/30 – AMBAC Insured	No Opt. Call	A-	14,704,700
5,560	0.000%, 1/01/31 – AMBAC Insured	No Opt. Call	AA	3,773,850
	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding & Improvement Series 2015A:			
5,000	5.000%, 12/01/50	6/25 at 100.00	AA-	5,838,800
5,000	5.000%, 12/01/55	6/25 at 100.00	AA-	5,851,600
6,930			AA-	8,203,665

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

	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding Series 2014C, 5.000%, 12/01/46	12/24 at 100.00		
9,155	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2014A, 5.500%, 12/01/54	6/24 at 100.00	AA-	11,038,550
2,900	South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2010A, 5.250%, 10/01/40	10/19 at 100.00	A1	3,253,104
62,335	Total South Carolina South Dakota – 0.3% (0.2% of Total Investments)			59,846,380
2,945	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2007, 5.000%, 11/01/40 (Pre-refunded 5/01/17)	5/17 at 100.00	A+ (4)	3,045,601
4,455	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2014B, 5.000%, 11/01/44	11/24 at 100.00	A+	5,242,778
7,400	Total South Dakota Tennessee – 0.7% (0.5% of Total Investments)			8,288,379
8,890	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-	10,221,100
2,395	Chattanooga-Hamilton County Hospital Authority, Tennessee, Hospital Revenue Bonds, Erlanger Health System, Refunding Series 2014A, 5.000%, 10/01/44	10/24 at 100.00	BBB+	2,772,668
8,755	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30.07	A	2,588,241
1,000	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Refunding and Improvement Bonds, Meharry Medical College, Series 1996, 6.000%, 12/01/19 – AMBAC Insured	12/17 at 100.00	N/R	1,084,320
1,095	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	1,099,062
22,135	Total Tennessee Texas – 17.9% (11.6% of Total Investments)			17,765,391
495	Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Wayside Schools, Series 2016A, 4.375%, 8/15/36	8/21 at 100.00	BB+	504,410
165	Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education, Series 2016A: 5.000%, 12/01/36	12/26 at 100.00	BBB-	193,821
130	5.000%, 12/01/46	12/26 at 100.00	BBB-	150,952
760	5.000%, 12/01/51	12/26 at 100.00	BBB-	878,856

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

975	Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public Improvement District Phase 1 Project, Series 2015, 7.250%, 9/01/45	3/23 at 103.00	N/R	1,018,943
870	Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public Improvement District Phases 2-3 Major Improvements Project, Series 2015, 8.250%, 9/01/40	3/23 at 103.00	N/R	906,314
5,555	Beaumont Independent School District, Jefferson County, Texas, General Obligation Bonds, Series 2008, 5.000%, 2/15/38 Board of Managers, Joint Guadalupe County-Seguin City Hospital, Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015:	2/17 at 100.00	AAA	5,682,376
3,135	5.250%, 12/01/35	12/25 at 100.00	BB	3,528,787
3,340	5.000%, 12/01/40	12/25 at 100.00	BB	3,638,730
10,975	Board of Regents, University of Texas System, Financing System Revenue Bonds, Refunding Series 2006F, 4.250%, 8/15/36	2/17 at 100.00	AAA	11,164,429
6,000	Brazos River Authority, Texas, Revenue Refunding Bonds, Houston Lighting and Power Company, Series 1998, 5.050%, 11/01/18 – AMBAC Insured (Alternative Minimum Tax)	No Opt. Call	A1	6,410,340
2,000	Capital Area Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, The Roman Catholic Diocese of Austin, Series 2005B. Remarketed, 6.125%, 4/01/45	4/20 at 100.00	Baa1	2,302,900
1,075	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	1,129,524
1,885	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 Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011:	3/23 at 103.00	N/R	1,976,479
3,250	6.000%, 1/01/41 (Pre-refunded 1/01/21)	1/21 at 100.00	BBB+ (4)	3,970,948
2,700	6.250%, 1/01/46 (Pre-refunded 1/01/21) Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A:	1/21 at 100.00	BBB+ (4)	3,328,155
2,000	5.000%, 1/01/40	7/25 at 100.00	BBB+	2,378,240
3,625	5.000%, 1/01/45 Club Municipal Management District 1, Texas, Special Assessment Revenue Bonds, Improvement	7/25 at 100.00	BBB+	4,291,529

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

Area 1 Project, Series 2016:

550	6.250%, 9/01/35	9/23 at 103.00	N/R	564,025
520	6.500%, 9/01/46	9/23 at 103.00	N/R	533,104
4,500	Colorado River Municipal Water District, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 1/01/36	1/21 at 100.00	AA-	5,163,075
4,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C, 5.000%, 11/01/38 (Alternative Minimum Tax)	11/22 at 100.00	A+	4,625,760
2,600	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+	3,002,168
775	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	849,485
2,335	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.125%, 10/01/43	10/23 at 100.00	BBB+	2,669,162
17,000	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Subordinate Lien Series 2013B, 5.250%, 10/01/51	10/23 at 100.00	AA+	20,360,050
1,140	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+	1,916,967
10,000	Gulf Coast Industrial Development Authority, Texas, Solid Waste Disposal Revenue Bonds, Citgo Petroleum Corporation Project, Series 1998, 8.000%, 4/01/28 (Alternative Minimum Tax)	10/16 at 100.00	BB+	10,023,300
	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015:			
3,480	5.000%, 12/01/45	6/25 at 100.00	AA	4,156,860
1,895	4.000%, 12/01/45	6/25 at 100.00	AA	2,068,809
9,000	Harris County Hospital District, Texas, Revenue Bonds, Series 2007A, 5.250%, 2/15/42 – NPMG Insured	2/17 at 100.00	AA+	9,219,060
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A:			
295	0.000%, 11/15/41 – AGM Insured	11/31 at 62.66	AA	111,259
590	0.000%, 11/15/42 – AGM Insured	11/31 at 59.73	AA	211,491
1,000	0.000%, 11/15/43 – AGM Insured	11/31 at 56.93	AA	339,680
2,000	0.000%, 11/15/44 – AGM Insured	11/31 at 54.25	AA	648,360

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

2,600	0.000%, 11/15/45 – AGM Insured	11/31 at 51.48	AA	798,564
4,180	0.000%, 11/15/53 – AGM Insured	11/31 at 33.96	AA	834,453
1,920	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series 2001H, 0.000%, 11/15/37 – NPMFG Insured	11/31 at 69.08	AA–	753,715
2,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Senior Lien Series 2014A, 5.000%, 11/15/29	11/24 at 100.00	A2	2,433,400
4,565	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3, 0.000%, 11/15/35 – NPMFG Insured	11/24 at 52.47	AA–	1,772,909
40,500	Harris County-Houston Sports Authority, Texas, Special Revenue Bonds, Refunding Senior Lien Series 2001A, 0.000%, 11/15/40 – NPMFG Insured	11/30 at 54.04	AA	14,451,210
235	Houston, Texas, Airport System Special Facilities Revenue Bonds, United Airlines, Inc. Terminal E Project, Refunding Series 2014, 5.000%, 7/01/29 (Alternative Minimum Tax)	7/24 at 100.00	BB–	266,676
2,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Refunding Series 2011A, 5.250%, 11/15/30	No Opt. Call	AA	2,350,060
10,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40	11/21 at 100.00	AA	11,749,700
705	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Facilities Department, Refunding Series 2011B, 5.250%, 9/01/27	9/16 at 100.00	A2	707,785
28,305	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B: 0.000%, 9/01/28 – AMBAC Insured	No Opt. Call	A2	19,502,711
5,000	0.000%, 9/01/30 – AMBAC Insured	No Opt. Call	A2	3,215,350
5,765	0.000%, 9/01/31 – AMBAC Insured	No Opt. Call	A2	3,541,728
3,855	Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series 2012A, 5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A+	4,386,913
6,000	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2001B, 5.500%, 12/01/29 – NPMFG Insured (ETM)	No Opt. Call	AA+ (4)	8,627,820
7,500	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)	11,546,100
720	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/35	8/25 at 100.00	BBB+	834,242
2,725	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Refunding Series 2015A, 5.000%, 8/15/38	8/25 at 100.00	AAA	3,352,677

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

535	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2008, 0.000%, 8/15/39	8/17 at 27.35	AAA	144,498
12,975	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2008, 0.000%, 8/15/39 (Pre-refunded 8/15/17)	8/17 at 27.35	N/R (4)	3,514,279
8,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding & Improvement Series 2010, 5.000%, 5/15/40	5/20 at 100.00	A1	9,019,200
2,750	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2015, 5.000%, 5/15/40	5/25 at 100.00	A+	3,261,005
1,750	Martin County Hospital District, Texas, Combination Limited Tax and Revenue Bonds, Series 2011A, 7.250%, 4/01/36	4/21 at 100.00	BBB	1,990,450
2,505	Matagorda County Navigation District 1, Texas, Collateralized Revenue Refunding Bonds, Houston Light and Power Company, Series 1997, 5.125%, 11/01/28 – AMBAC Insured (Alternative Minimum Tax)	No Opt. Call	A1	3,194,301
1,955	Mission Economic Development Corporation, Texas, Revenue Bonds, Natgasoline Project, Series 2016B, 5.750%, 10/01/31 (Alternative Minimum Tax)	10/18 at 103.00	BB–	2,089,817
15,600	Mission Economic Development Corporation, Texas, Water Supply Revenue Bonds, Enviro Water Minerals Project, Green Bonds, Series 2015, 7.750%, 1/01/45 (Alternative Minimum Tax)	1/26 at 102.00	N/R	16,154,580
150	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–	172,316
565	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	4/26 at 100.00	BBB–	644,507
6,330	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	9/31 at 100.00	AA+	6,917,741
9,130	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	9/31 at 100.00	AA+	10,721,085
205	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A1	229,692
895	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	1,015,369

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

North Texas Tollway Authority, System Revenue Bonds,
Refunding First Tier Capital Appreciation
Series 2008I:

2,555	6.200%, 1/01/42 – AGC Insured	1/25 at 100.00	AA	3,430,803
7,000	6.500%, 1/01/43	1/25 at 100.00	A1	9,270,800
140	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008A, 5.750%, 1/01/40 – AGC Insured	1/18 at 100.00	AA	149,222
545	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008A: 5.750%, 1/01/40 (Pre-refunded 1/01/18) – AGC Insured	1/18 at 100.00	AA (4)	584,889
415	5.750%, 1/01/40 (Pre-refunded 1/01/18) – AGC Insured	1/18 at 100.00	AA (4)	445,374
10,000	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008D, 0.000%, 1/01/28 – AGC Insured	No Opt. Call	AA	7,225,800
2,870	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2015B: 5.000%, 1/01/40	1/23 at 100.00	A1	3,367,572
4,880	5.000%, 1/01/45	1/25 at 100.00	A1	5,825,793
8,400	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A2 (4)	9,014,796
7,855	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A: 5.000%, 1/01/33	1/25 at 100.00	A2	9,463,625
2,205	5.000%, 1/01/34	1/25 at 100.00	A2	2,647,235
1,000	5.000%, 1/01/35	1/25 at 100.00	A2	1,196,340
2,345	5.000%, 1/01/38	1/25 at 100.00	A2	2,787,713
1,570	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.000%, 2/01/34	2/24 at 100.00	Ba2	1,691,487
310	Red River Education Finance Corporation, Texas, Higher Education Revenue Bonds, Saint Edward’s University Project, Series 2016, 5.000%, 6/01/46	6/26 at 100.00	BBB+	365,075
3,500	Southwest Higher Education Authority Inc., Texas, Revenue Bonds, Southern Methodist University, Series 2010, 5.000%, 10/01/41	10/20 at 100.00	AA–	4,013,030
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Tender Option Bond Trust 2016-XF0387, 16.600%, 2/15/36 (IF) (7)	2/17 at 100.00	AA	271,330

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

3,295	Tarrant County Cultural Education Facilities Finance Corporation, Texas Health Resources Revenue Bonds, Tender Option Bond Trust 1760-3, 16.277%, 8/15/16 (IF)	No Opt. Call AA	3,575,899
425	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)	503,782
5,410	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00 AA- (4)	6,424,700
12,900	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00 AA	13,175,157
1,060	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	1,108,886
1,980	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26	No Opt. Call BBB+	2,517,668
2,500	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012: 5.000%, 12/15/27	No Opt. Call A3	2,920,849
4,835	5.000%, 12/15/28	No Opt. Call A3	5,620,735
13,235	5.000%, 12/15/29	No Opt. Call A3	15,292,247
435	5.000%, 12/15/32	No Opt. Call A3	493,246
1,620	Texas Private Activity Bond Surface Transportation Corporation, Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Senior Lien Series 2009, 6.875%, 12/31/39	12/19 at 100.00 Baa2	1,924,381
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010: 7.000%, 6/30/34	6/20 at 100.00 Baa3	2,403,179
500	7.000%, 6/30/40	6/20 at 100.00 Baa3	593,429
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 7.000%, 12/31/38 (Alternative Minimum Tax)	9/23 at 100.00 BBB-	2,544,020
1,000	Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public School Project, Series 2007A, 5.000%, 8/15/37 (Pre-refunded 8/15/17) – ACA Insured	8/17 at 100.00 BBB (4)	1,046,820
3,395		AAA	4,854,001

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

	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 4/17 at 12.919%, 4/01/28 (IF)	100.00		
5,355	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41	8/22 at 100.00	A-	6,238,789
	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C:			
4,000	5.000%, 8/15/32	8/24 at 100.00	BBB+	4,734,160
6,875	5.000%, 8/15/37	8/24 at 100.00	BBB+	8,022,231
4,590	5.000%, 8/15/42	8/24 at 100.00	BBB+	5,355,932
	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A:			
1,020	0.000%, 8/15/21 – AMBAC Insured	No Opt. Call	A-	944,998
3,600	0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A-	2,900,375
300	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured (ETM)	No Opt. Call	A3 (4)	283,533
7,000	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)	10/16 at 100.00	Aaa	7,549,010
447,705	Total Texas Utah – 0.2% (0.2% of Total Investments)			432,892,112
3,000	Riverton, Utah, Hospital Revenue Bonds, IHC Health Services, Inc., Series 2009, 5.000%, 8/15/41	8/19 at 100.00	AA+	3,302,819
810	Utah State Charter School Finance Authority, Charter School Revenue Bonds, North Davis Preparatory Academy, Series 2010, 6.375%, 7/15/40	7/20 at 100.00	BBB-	895,900
1,555	Utah State Charter School Finance Authority, Charter School Revenue Bonds, Paradigm High School, Series 2010A, 6.375%, 7/15/40	7/20 at 100.00	BB	1,662,869
5,365	Total Utah Virgin Islands – 0.2% (0.1% of Total Investments)			5,861,588
3,960	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37	10/19 at 100.00	BBB-	4,188,334
	Virginia – 1.3% (0.8% of Total Investments)			
540	Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015, 5.600%, 3/01/45	3/25 at 100.00	N/R	564,450
1,800	Henrico County Economic Development Authority, Virginia, Revenue Bonds, Bon Secours Health System Obligated Group, Series 2013, 5.000%, 11/01/30	No Opt. Call	A2	2,116,565
3,390	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement Project, Refunding Second Senior Lien Series 2014A,	4/22 at 100.00	BBB+	3,804,631

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

	5.000%, 10/01/53			
6,000	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/17 at 100.00	B-	5,864,879
2,855	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset-Backed Bonds, Series 2007B2, 5.200%, 6/01/46	6/17 at 100.00	B-	2,858,910
1,810	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, 95 Express Lanes LLC Project, Series 2012, 5.000%, 1/01/40 (Alternative Minimum Tax)	1/22 at 100.00	BBB-	2,001,316
	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012:			
1,885	5.250%, 1/01/32 (Alternative Minimum Tax)	7/22 at 100.00	BBB	2,168,673
5,460	6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB	6,539,004
3,810	5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB	4,421,809
27,550	Total Virginia			30,340,237
	Washington – 2.4% (1.6% of Total Investments)			
1,260	Central Puget Sound Regional Transit Authority, Washington, Sales Tax and Motor Vehicle Excise Tax Bonds, Series 1999, 4.750%, 2/01/28 – FGIC Insured	8/16 at 100.00	AAA	1,351,941
6,000	Energy Northwest, Washington, Electric Revenue Bonds, Columbia Generating Station, Series 2015A, 5.000%, 7/01/38 (UB) (7)	7/25 at 100.00	Aa1	7,305,300
2,485	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2006B, 5.000%, 1/01/32 (Pre-refunded 1/01/17) – NPPG Insured	1/17 at 100.00	AA (4)	2,532,463
3,020	King County Public Hospital District 1, Washington, General Obligation Bonds, Refunding Limited Tax Series 2008A, 5.000%, 12/01/37 – AGC Insured	No Opt. Call	AA	3,235,083
2,500	King County, Washington, Sewer Revenue Bonds, Series 2009, 5.250%, 1/01/42 (Pre-refunded 1/01/19)	1/19 at 100.00	AA+ (4)	2,782,649
10,000	Washington Health Care Facilities Authority, Revenue Bonds, Catholic Health, Series 2011A, 5.000%, 2/01/41	2/21 at 100.00	A-	11,124,399
6,065	Washington Health Care Facilities Authority, Revenue Bonds, Central Washington Health Services Association, Refunding Series 2015, 4.000%, 7/01/36	7/25 at 100.00	Baa1	6,388,264
7,190	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	8,181,500
2,940	Washington Health Care Facilities Authority, Revenue Bonds, Kadlec Regional Medical Center, Series 2010, 5.500%, 12/01/39 (Pre-refunded 12/01/20)	12/20 at 100.00	N/R (4)	3,523,177
2,185			Aa2	2,551,336

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

	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00		
4,000	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2009A, 6.000%, 1/01/33 (Pre-refunded 7/01/19)	7/19 at 100.00	A (4)	4,611,519
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32 (Pre-refunded 12/04/17)	12/17 at 100.00	N/R (4)	2,135,739
1,595	Washington State Health Care Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 – ACA Insured	8/17 at 100.00	BBB	1,670,522
1,410	Washington State, Motor Vehicle Fuel Tax General Obligation Bonds, Series 2003F, 0.000%, 12/01/24 – NPFG Insured	No Opt. Call	AA+	1,222,173
52,650	Total Washington West Virginia – 0.5% (0.3% of Total Investments)			58,616,065
2,950	West Virginia Economic Development Authority, Solid Waste Disposal Facilities Revenue Bonds, Appalachian Power Company Amos Project, Series 2010, 5.375%, 12/01/38	12/20 at 100.00	Baa1	3,365,241
1,950	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%, 9/01/32	9/19 at 100.00	A3	2,174,035
5,160	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	6,164,961
10,060	Total West Virginia Wisconsin – 1.8% (1.1% of Total Investments)			11,704,237
815	Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39 (Pre-refunded 2/15/19)	2/19 at 100.00	A3 (4)	922,172
1,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Envision Science Academy Project, Series 2016A, 5.125%, 5/01/36	5/26 at 100.00	N/R	1,015,269
1,055	Public Finance Authority of Wisconsin, Exempt Facilities Revenue Bonds, National Gypsum Company Project, Refunding Series 2014, 5.250%, 4/01/30 (Alternative Minimum Tax)	11/24 at 100.00	N/R	1,187,127
1,200	Public Finance Authority of Wisconsin, Exempt Facilities Revenue Bonds, National Gypsum Company Project, Refunding Series 2016, 4.000%, 8/01/35 (Alternative Minimum Tax)	8/26 at 100.00	N/R	1,241,051
1,000	Public Finance Authority, Wisconsin, Exempt Facilities Revenue Bonds, Celanese Project, Refunding Series 2016C, 4.300%, 11/01/30 (Alternative Minimum Tax)	5/26 at 100.00	BBB–	1,051,219
3,000		No Opt. Call	AA– (4)	3,467,790

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

Southeast Wisconsin Professional Baseball Park District, Sales Tax Revenue Refunding Bonds, Series 1998A, 5.500%, 12/15/19 – NPMFG Insured (ETM)				
1,400	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Beloit Health System, Inc., Series 2010B, 5.000%, 4/01/30	4/20 at 100.00	A-	1,528,981
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity HealthCare Ministry, Series 2007, 5.000%, 9/01/33	9/17 at 100.00	BBB+	1,029,559
1,250	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/32	2/22 at 100.00	A-	1,440,549
2,105	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 5.000%, 6/01/32	6/22 at 100.00	A3	2,413,192
2,500	5.000%, 6/01/39	6/22 at 100.00	A3	2,838,224
4,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 5.000%, 8/15/39	8/24 at 100.00	A+	4,700,679
1,415	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A: 5.000%, 7/01/27	7/24 at 100.00	BBB+	1,682,335
1,310	5.000%, 7/01/29	7/24 at 100.00	BBB+	1,538,371
3,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014B, 5.000%, 7/01/44	7/24 at 100.00	BBB+	3,430,439
1,120	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson Hollow Project. Series 2014, 5.250%, 10/01/39	10/22 at 102.00	N/R	1,201,255
10,000	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, ThedaCare Inc., Series 2015, 5.000%, 12/15/44	12/24 at 100.00	AA-	11,824,899
37,170	Total Wisconsin			42,513,111
\$ 3,964,784	Total Municipal Bonds (cost \$3,295,072,577)			3,727,437,968

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)			
\$ 601	Las Vegas Monorail Company, Senior Interest Bonds (10), (11)	5.500% 7/15/19	N/R	\$ 180,223

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

160	Las Vegas Monorail Company, Senior Interest Bonds (10), (11)	5.500%	7/15/55	N/R	47,933
\$ 761	Total Corporate Bonds (cost \$68,179)				228,156
Shares	Description (1), (12)				Value
	INVESTMENT COMPANIES – 0.2% (0.1% of Total Investments)				
6,266	BlackRock MuniHoldings Fund Inc.				\$ 116,234
131,278	Deutsche Municipal Income Trust				1,904,844
26,880	Dreyfus Strategic Municipal Fund				251,328
43,020	Invesco VK Investment Grade Municipal Trust				634,975
30,000	Invesco VK Municipal Opportunity Trust				442,500
43,420	PIMCO Municipal Income Fund II				604,406
	Total Investment Companies (cost \$3,325,133)				3,954,287
	Total Long-Term Investments (cost \$3,298,465,889)				3,731,620,411
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)		Value
	SHORT-TERM INVESTMENTS – 0.1% (0.1% of Total Investments)				
	MUNICIPAL BONDS – 0.1% (0.1% of Total Investments)				
	Colorado – 0.0% (0.0% of Total Investments)				
\$ 1,045	Reserve Metropolitan District 2, Mount Crested Butte, Colorado, Limited Tax General Obligation Bonds, Refunding Series 2016A, 5.000%, 12/01/45 (WI/DD, Settling 8/09/16) (13)	12/26 at 100.00	N/R		\$ 1,045,000
	Illinois – 0.1% (0.1% of Total Investments)				
2,350	Chicago Board of Education, Illinois, General Obligation Bonds, Variable Rate Demand Obligations, Dedicated Revenues Series 2011C-1, 0.960%, 3/01/32 (Mandatory Put 3/01/16) (13)	No Opt. Call	B+		2,349,460
\$ 3,395	Total Short-Term Investments (cost \$3,395,000)				3,394,460
	Total Investments (cost \$3,301,860,889) – 154.3%				3,735,014,871
	Floating Rate Obligations – (4.2)%				(100,906,000)
	Borrowings – (1.0)% (14)				(25,000,000)
	Institutional MuniFund Term Preferred Shares, at Liquidation Preference – (6.2)% (15)				(150,000,000)
	Variable Rate MuniFund Term Preferred Shares, at Liquidation Preference – (13.9)% (16)				(336,000,000)
	Variable Rate Demand Preferred Shares, at Liquidation Preference – (30.0)% (17)				(727,000,000)
	Other Assets Less Liabilities – 1.0%				23,774,630
	Net Assets Applicable to Common Shares – 100%				\$ 2,419,883,501

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 risks 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	\$ —	\$3,727,437,968	\$ —	\$3,727,437,968
Corporate Bonds	—	—	228,156	228,156
Investment Companies	3,954,287	—	—	3,954,287
Short-Term Investments:				
Municipal Bonds	—	3,394,460	—	3,394,460
Total	\$3,954,287	\$3,730,832,428	\$228,156	\$3,735,014,871

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 difference 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, based on their federal tax basis treatment; 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 \$3,198,152,860.

Gross unrealized appreciation and gross unrealized depreciation of investments as of July 31, 2016, were as follows:

Gross unrealized:

Appreciation	\$442,262,330
Depreciation	(6,304,937)
Net unrealized appreciation (depreciation) of investments	\$435,957,393

- (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

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

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. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) The coupon for this security increased 0.25% effective January 1, 2016 and will increase an additional 0.25% effective May 11, 2016.
- (6) Step-up coupon. The rate shown is the coupon as of the end of the reporting period.
- (7) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (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) On January 7, 2015, the Fund's Adviser determined it was unlikely that this borrower would fulfill its entire obligation on this security, and therefore reduced the security's interest rate of accrual from 7.125% to 5.700% and again on November 11, 2015, further reduced the security's interest rate of accrual from 5.700% to 4.275%.
- (10) 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.
- (11) 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.
- (12) A copy of the most recent financial statements for these investment companies can be obtained directly from the Securities and Exchange Commission on its website at <http://www.sec.gov>.
- (13) Investment has a maturity of greater than one year, but has variable rate and demand features which qualify it as a short-term investment. The rate disclosed is that in effect at the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
- (14) Borrowings as a percentage of Total Investments is 0.7%.
- (15) Institutional MuniFund Term Preferred Shares, at Liquidation Preference as a percentage of Total Investments are 4.0%.
- (16) Variable Rate MuniFund Term Preferred Shares, at Liquidation Preference as a percentage of Total Investments is 9.0%.
- (17) Variable Rate Demand Preferred Shares, at Liquidation Preference as a percentage of Total Investments is 19.5%.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.
- (WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.
- 144A Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.

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 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