LAUREATE EDUCATION, INC.

Form 4 May 26, 2005

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB 3235-0287 Number: January 31, Expires:

2005

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per

Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

response... 0.5

See Instruction 1(b).

restricted)

(Print or Type Responses)

	1. Name and Address of Reporting Person * DENNIS WILLIAM C		2. Issuer Name and Ticker or Trading Symbol LAUREATE EDUCATION, INC. [laur]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 1001 FLEET S	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/24/2005	Director 10% Owner Other (specify below)
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person
BALTIMORE, MD 21202				Form filed by More than One Reporting Person

(City)	(State) (Zip)	Table I - 1	Non-Deriva	ative Secu	rities A	Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code (Instr. 8)	4. SecurionAcquired Disposed (Instr. 3,	d (A) o d of (D 4 and (A) or) 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
common stock	05/24/2005	05/27/2005(1)	Code V S	Amount 2,361	(D)	Price \$ 48	49,000	D	
common stock RESTRICTED							36,000 (2)	D	
TOTAL STOCK OWNED (including							85,000	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	3	ate	7. Title and Underlying (Instr. 3 and	Securities	8. Pric Deriva Securi (Instr.
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
options	\$ 5.95					(3)	10/01/2011	common stock	84,415	
options	\$ 17.54					<u>(4)</u>	04/30/2013	common stock	120,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DENNIS WILLIAM C 1001 FLEET STREET BALTIMORE, MD 21202

President, Latin American Ops.

Signatures

William C. 05/26/2005 Dennis

**Signature of Date
Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Trade settlement date.
- (2) All 36,000 shares are restricted, nonvested and forfeitable. Next traunch of 18,000 shares will vest on 4/30/2006. All shares will be fully vested on 4/30/2007.
- (3) All options are currently exercisble.
- (4) 60,000 options are currently exercisable as of 4/30/2005. The remaining options vest in increments of 30,000 on each grant anniversary date.

Reporting Owners 2

(5) Represents grand total of ALL OPTIONS owned to date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. AMILY: Arial; TEXT-ALIGN: right"> 717,323 3,855 Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public Improvement District Phase 1 Project, Series 2015, 7.250%, 9/01/453/23 at 103.00 N/R 3,937,381 3,450 Aubrey, Denton County, Texas, Special Assessment Revenue Bonds, Jackson Ridge Public Improvement District Phases 2-3 Major Improvements Project, Series 2015, 8.250%, 9/01/403/23 at 103.00 N/R 3,526,280 5,480 Austin, Texas, Electric Utility System Revenue Bonds, Series 2015A, 5.000%, 11/15/45 (UB) (5)11/25 at 100.00 AA- 6,108,611 6,685 Bexar County, Texas, Venue Project Revenue Bonds, Refunding Combined Venue Tax Series 2010, 5.500%, 8/15/49 - AGM Insured8/19 at 100.00 A- 6,956,946 2,500 Board of Managers, Joint Guadalupe County-Seguin City Hospital, Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015, 5.000%, 12/01/4512/25 at 100.00 BB 2,523,450 2,440 Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II Public Improvement District Neighborhood Improvement Area 1 Project, Series 2015, 7.250%, 9/01/453/23 at 103.00 N/R 2,405,401 4,300 Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II Public Improvement District Neighborhood Improvement Areas 2-5 Major Improvement Project, Series 2015, 8.250%, 9/01/403/23 at 103.00 N/R 4,251,711 405 Celina, Texas, Special Assessment Revenue Bonds, Wells South Public Improvement District Neighborhood Improvement Area 1 Project, Series 2015, 6.250%, 9/01/459/24 at 100.00 N/R 417,093 Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011: 1,500 5.750%, 1/01/31 (Pre-refunded 1/01/21)1/21 at 100.00 BBB+ (4) 1,636,995 1,700 6.250%, 1/01/46 (Pre-refunded 1/01/21)1/21 at 100.00 BBB+ (4) 1,877,123 13,685 Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A, 5.000%, 1/01/457/25 at 100.00 Baa2 14,893,659 10,375 Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2016, 3.375%, 1/01/411/26 at 100.00 Baa2 9,145,044 1,270 Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Idea Public Schools, Series 2012, 3.750%, 8/15/22No Opt. Call BBB+ 1,318,895 Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2013A: 12/01/4212/22 at 100.00 BBB- 769,077 685 4.400%, 12/01/4712/22 at 100.00 BBB- 688,651 4,000 Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2015A, 5.000%, 12/01/456/25 at 100.00 BBB- 4,280,160 Club Municipal Management District 1, Texas, Special Assessment Revenue Bonds, Improvement Area 1 Project, Series 2016: 765 5.750%, 9/01/289/23 at 103.00 N/R 739,518 770 6.500%, 9/01/469/23 at 103.00 N/R 723,815 11,735 Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured11/21 at 100.00 A 12,617,824

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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Texas (continued)	· /	\	
\$2,330	Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2013A, 6.375%, 9/01/42	100.00	N/R	\$2,599,045
400	Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2014A, 5.250%, 9/01/44	9/24 at 100.00	BB+	425,168
1,255	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012A. RMKT, 4.750%, 5/01/38	11/22 at 100.00	Baa3	1,284,053
8,920	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012B, 4.750%, 11/01/42	11/22 at 100.00	Baa3	9,108,123
20,000	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Subordinate Lien Series 2013B, 5.250%, 10/01/51	10/23 at 100.00	AA	22,064,600
10,000	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Series 2013B, 5.000%, 4/01/53 (UB)	10/23 at 100.00	AA	10,820,800
5,470	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2015-XF0228, 13.027%, 11/01/44, 144A (IF)	10/23 at 100.00	AA	7,266,403
4,255	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015, 5.000%, 12/01/45	6/25 at 100.00	AA	4,685,734
1,545	Harris County Metropolitan Transit Authority, Texas, Sales and Use Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0054, 10.390%, 11/01/41, 144A (IF) (5)	11/21 at 100.00	AA+	1,919,894
4,080	Harris County, Texas, General Obligation Toll Road Revenue Bonds, Tender Option Bond Trust 2015-XF0074, 11.003%, 8/15/32, 144A – AGM Insured (IF)	No Opt. Call	AAA	7,292,837
6,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A, 0.000%, 11/15/48	11/31 at 44.13	A2	1,482,780
6,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Senior Lien Series 2014A, 5.000%, 11/15/53 Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3:	11/24 at 100.00	A–	6,478,020
14,055	0.000%, 11/15/34 – NPFG Insured	11/24 at 55.69	ВВ	6,034,374
1,940	0.000%, 11/15/34 (Pre-refunded 11/15/24) – NPFG Insured	11/24 at 55.69	Baa2 (4)	906,096
5,000	Houston Higher Education Finance Corporation, Texas, Education Revenue Bonds, KIPP, Inc., Refunding Series 2015, 4.000%, 8/15/44	8/25 at 100.00	AAA	5,098,000
	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B:			
4,130	0.000%, 9/01/26 – AMBAC Insured	No Opt. Call	A2	3,154,701

4,715 Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40 Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM) Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46 3,500 Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43 Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Call A2 3,555,196 A2 3,555,196 A2 3,555,196 AA (4) 22,823,52 Call AA (4) 22,823,52 BBB+ 7,154,193 BBB+ 1,029,309					
Bonds, Refunding Series 2015, 5.000%, 9/01/40 Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM) Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46 Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43 Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, 100,00 A	4,865	0.000%, 9/01/27 – AMBAC Insured	No Opt. Call	A2	3,555,196
17,000 Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM) Hutto Independent School District, Williamson County, Texas, 6,700 General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46 3,500 Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 8/19 at 2014B, 5.000%, 8/15/43 100.00 Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, 100,00 Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Call AA (4) 22,823,524 A (5.750 A) A (7,154,193 A) BBB+ 3,525,760 BBB+ 1,029,309 A 1,087,620	4,715	Bonds, Refunding Series 2015, 5.000%, 9/01/40		A-	5,110,494
Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46 3,500 Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43 Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, 100,00 Revenue Bonds, LCRA Transmission Services Corporation Project, 100,00 A+ 7,154,193 A+ 7,154,193 BBB+ 3,525,760 BBB+ 1,029,309 A 1,087,620	17,000	Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM	•	AA (4)	22,823,520
3,500 Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 8/19 at 2014B, 5.000%, 8/15/43 100.00 Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, 100.00 Revenue Bonds, LCRA Transmission Services Corporation Project, 100.00 A 1,087,620	6,700	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%,		A+	7,154,193
Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30 Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, 100,00 A 1,087,620	3,500	Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43		BBB+	3,525,760
1,000 Revenue Bonds, LCRA Transmission Services Corporation Project, $\frac{5/25}{10000}$ A 1,087,620	940	Revenue Bonds, Sid Peterson Memorial Hospital Project, Series		BBB+	1,029,309
	1,000	Revenue Bonds, LCRA Transmission Services Corporation Project Refunding Series 2015, 5.000%, 5/15/45		A	1,087,620
McCamey County Hospital District, Texas, General Obligation Bonds, Series 2013:					
3,095 5.750%, 12/01/33 12/25 at 100.00 B1 3,251,762	3,095	5.750%, 12/01/33		B1	3,251,762
3,125 6.125%, 12/01/38 12/25 at 100.00 B1 3,306,031	3,125	6.125%, 12/01/38		B1	3,306,031
New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Legacy at Willow Bend Project, Series 2016:		Texas, Retirement Facility Revenue Bonds, Legacy at Willow			
2,335 5.000%, 11/01/46 103.00 BBB- 2,425,038	2,335	5.000%, 11/01/46		BBB-	2,425,038
11/23 at	6,015	5.000%, 11/01/51	11/23 at	BBB-	6,225,405
51	51				

NVG Nuveen AMT-Free Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(000)	Texas (continued)		(0)	
	New Hope Cultural Education Facilities Finance Corporation, Texas	'1/25 at		
\$745	Series 2014, 5.500%, 1/01/43	100.00	N/R	\$792,725
	New Hope Cultural Education Facilities Finance Corporation, Texas			
210	Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi II, L.L.CTexas A&M University-Corpus Christi Project, Series 2016A, 5.000%, 4/01/48	4/26 at 100.00	Ba2	213,282
	New Hope Cultural Education Facilities Finance Corporation, Texas	,		
4,530	Student Housing Revenue Bonds, CHF-Collegiate Housing	4/24 at	A2	4,591,653
7,550	Foundation – College Station I LLC – Texas A&M University Project	c 1 ,00.00	A2	т,571,055
	Series 2014A, 4.100%, 4/01/34 – AGM Insured New Hope Cultural Education Facilities Finance Corporation, Texas			
	Student Housing Revenue Bonds, CHF-Collegiate Housing	, 4/26 at		
820	Foundation – San Antonio 1, L.L.C. – Texas A&M University – San		BBB-	834,981
	Antonio Project, Series 2016A, 5.000%, 4/01/48			
	New Hope Cultural Education Facilities Finance Corporation, Texas	,		
	Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation – Stephenville II, L.L.C. – Tarleton State University			
	Project, Series 2014A:			
1,000	5.000%, 4/01/34	4/24 at	BBB-	1,078,360
1,000	3.000 /b, 4/01/34	100.00	DDD-	1,070,300
2,200	5.000%, 4/01/39	4/24 at 100.00	BBB-	2,336,180
		4/24 at		
1,600	5.000%, 4/01/46	100.00	BBB-	1,692,976
	New Hope Cultural Education Facilities Finance Corporation, Texas			
5,540	Student Housing Revenue Bonds, CHF-Collegiate Housing	4/24 at	Baa3	5,952,342
	Galveston-Texas A&M University at Galveston Project, Series 2014A, 5.000%, 4/01/39	100.00		
2.220	North Fort Bend Water Authority, Texas, Water System Revenue	12/21 at		0.454.050
3,220	Bonds, Series 2011, 5.000%, 12/15/36 – AGM Insured	100.00	A2	3,471,353
	North Texas Tollway Authority, Special Projects System Revenue			
	Bonds, Convertible Capital Appreciation Series 2011C:	0/21		
2,590	0.000%, 9/01/43 (Pre-refunded 9/01/31) (7)	9/31 at 100.00	N/R (4)	2,798,340
2.010	0.00000 0.00145 (D 1.10/01/21) (T.	9/31 at	NI/D (4)	1.601.550
3,910	0.000%, 9/01/45 (Pre-refunded 9/01/31) (7)	100.00	N/R (4)	4,624,553
3,000	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 5.500%, 9/01/41 (Pre-refunded 9/01/21) (UB)	9/21 at 100.00	N/R (4)	3,322,290

	(5)			
6,155	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2015B, 5.000%, 1/01/40	1/23 at 100.00	A	6,656,140
2,000	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A, 5.000%, 1/01/38	1/25 at 100.00	A-	2,188,040
610	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.125%, 2/01/39	2/24 at 100.00	Ba2	631,265
1,725	Red River Education Finance Corporation, Texas, Higher Education Revenue Bonds, Saint Edward's University Project, Series 2016, 4.000%, 6/01/41	6/26 at 100.00	Baa2	1,729,692
2,410	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Baylor Health Care System, Series 2011A, 5.000%, 11/15/30	11/21 at 100.00	AA-	2,590,654
1,870	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Hendrick Medical Center, Refunding Series 2013, 5.500%, 9/01/43	9/23 at 100.00	A	2,038,001
	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2010:			
215	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	231,626
2,675	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	AA- (4)	2,888,117
17,640	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2016A, 5.000%, 11/15/45 (UB)	5/26 at 100.00	AA-	19,479,324
7,430	Texas City Industrial Development Corporation, Texas, Industrial Development Revenue Bonds, NRG Energy, Inc. Project, Fixed Rate Series 2012, 4.125%, 12/01/45	2/25 at 100.00	Baa3	7,185,925
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Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
	Texas (continued) Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:		<i>(-)</i>	
\$ 3,635	3 UUU% 17/13/77	No Opt. Call	BBB S	\$4,013,985
2,500	5.000%, 12/15/26	12/22 at 100.00	BBB	2,736,700
2,500	5.000%, 12/15/29	12/22 at 100.00	BBB	2,720,850
4,355	5.000%, 12/15/30	12/22 at 100.00	BBB	4,729,922
2,975	5.000%, 12/15/32	12/22 at 100.00	BBB	3,217,760
3,150	System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41	8/22 at 100.00	A-	3,390,975
	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2015B:			
11,280	0.000% 8/15/36	8/24 at 59.60	A-	5,154,509
10,000	0.000%, 8/15/37	8/24 at 56.94	A-	4,360,200
	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C:			
5,000	5.000%, 8/15/37	8/24 at 100.00	BBB	5,425,550
31,810	5.000%, 8/15/42	8/24 at 100.00	BBB	34,368,160
4,400	Revenue Bongs Birst Her Neries /ULL/A HIUUU% X/IN//N =	No Opt. Call	A-	3,552,032
1,840	Ysleta Independent School District Public Facility Corporation, Texas, Lease Revenue Refunding Bonds, Series 2001, 5.375%, 11/15/24 – AMBAC Insured	5/18 at 100.00	AA-	1,873,838
381,310	Total Texas Utah – 1.0% (0.6% of Total Investments)			382,522,213
14,585	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.000%, 6/15/36 – AGM Insured	6/18 at 100.00	Aa2	14,641,590
3,615	Utah Transit Authority, Sales Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0023, 9.469%, 6/15/32, 144A – AGM Insured (Pre-refunded 6/15/18) (IF)	6/18 at 100.00	Aa2 (4)	3,653,897
15,000	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.000%, 6/15/32 – AGM Insured (Pre-refunded 6/15/18) (UB) (5)		Aa2 (4)	15,058,200
33,200	Total Utah Virginia – 1.6% (1.0% of Total Investments)	100.00		33,353,687
	,			

Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015: 3/25 at 1,200 5.300%, 3/01/35, 144A N/R 1,215,684 100.00 3/25 at 1,085 5.600%, 3/01/45, 144A N/R 1,102,740 100.00 Hampton Roads Transportation Accountability Commission, 1/28 at 5,000 Virginia, Hampton Roads Transportation Fund Revenue Bonds, AA 5,921,800 100.00 Senior Lien Series 2018A, 5.500%, 7/01/57 Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement 4/22 at 14,945 BBB+ 15,859,036 Project, Refunding Second Senior Lien Series 2014A, 5.000%, 100.00 10/01/53 Metropolitan Washington Airports Authority, Virginia, Dulles Toll 10/28 at 10,000 Road Revenue Bonds, Dulles Metrorail Capital Appreciation, BBB+ 12,525,400 100.00 Second Senior Lien Series 2010B, 0.000%, 10/01/44 (7) Metropolitan Washington Airports Authority, Virginia, Dulles Toll 10/26 at Road Second Senior Lien Revenue Bonds, Series 2009C, 6.500%, 11,000 **A3** 13,843,720 100.00 10/01/41 - AGC Insured Roanoke Industrial Development Authority, Virginia, Hospital Revenue Bonds, Carilion Health System Obligated Group, Series 2005B: 7/20 at 985 5.000%, 7/01/38 A1 1,028,675 100.00 7/20 at 15 5.000%, 7/01/38 (Pre-refunded 7/01/20) AA (4) 15,961 100.00 Virginia College Building Authority, Educational Facilities 7/25 at Revenue Bonds, Marymount University Project, Green Series 1,000 BB+ 1,073,270 100.00 2015B, 5.250%, 7/01/35, 144A Total Virginia 45,230 52,586,286 53

NVG Nuveen AMT-Free Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Washington – 2.2% (1.4% of Total Investments)			
\$9,665	Central Puget Sound Regional Transit Authority, Washington, Sales Tax and Motor Vehicle Excise Tax Bonds, Green Bonds, Series 2016S-1, 5.000%, 11/01/46 (UB)	No Opt. Call	Aal S	\$12,337,759
5,000	Energy Northwest, Washington, Electric Revenue Bonds, Columbia Generating Station, Series 2015A, 5.000%, 7/01/38 (UB) (5)	7/25 at 100.00	AA-	5,602,500
3,750	FYI Properties, Washington, Lease Revenue Bonds, Washington State Department of Information Services Project, Series 2009, 5.500%, 6/01/39 (UB) (5)	6/19 at 100.00	AA	3,873,600
7,500	King County, Washington, Sewer Revenue Bonds, Tender Option Bond Trust 2016-XL0009, 8.191%, 1/01/39, 144A – AGC Insured (Pre-refunded 1/01/19) (IF) (5)	1/19 at 100.00	AAA	7,847,700
5,750	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	1/21 at 100.00	A3	6,110,640
1,250	Washington Health Care Facilities Authority, Revenue Bonds, Providence Health & Services, Tender Option Bond Trust 2015-XF0148, 12.822%, 10/01/44, 144A (IF) (5)	10/24 at 100.00	AA-	1,698,375
6,540	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42 Washington State Housing Finance Commission, Non-profit	10/22 at 100.00	Aa2	7,085,240
	Housing Revenue Bonds, Presbyterian Retirement Communities Northwest Project, Refunding Series 2016A:			
5,450	5.000%, 1/01/46, 144A	1/25 at 102.00	BB+	5,691,108
3,650	5.000%, 1/01/51, 144A	1/25 at 102.00	BB+	3,798,117
21,510	Washington State, General Obligation Bonds, Series 2002C, 0.000%, 6/01/28 – NPFG Insured (UB) (5)	No Opt. Call	AA+	15,853,300
70,065	Total Washington West Virginia – 1.9% (1.2% of Total Investments)			69,898,339
1,900	Monongalia County Commission, West Virginia, Special District Excise Tax Revenue, University Town Centre Economic Opportunity Development District, Refunding & Improvement Series 2017A, 5.500%, 6/01/37, 144A	6/27 at 100.00	N/R	1,954,606
3,145	Pleasants County, West Virginia, Pollution Control Revenue Bonds, Allegheny Energy Supply Company, LLC Pleasants Station Project, Series 2007F, 5.250%, 10/15/37 (Pre-refunded 6/11/18)	6/18 at 100.00	BB (4)	3,109,493
10,000	West Virginia Economic Development Authority, State Lottery Revenue Bonds, Series 2010A, 5.000%, 6/15/40	6/20 at 100.00	A1	10,627,900

40,855	West Virginia Hospital Finance Authority, Hospital Revenue Bonds West Virginia United Health System Obligated Group, Refunding & Improvement Series 2013A, 5.500%, 6/01/44	2'6/23 at 100.00	A	44,926,201
55,900	Total West Virginia Wisconsin – 4.3% (2.7% of Total Investments) Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Cornerstone Charter Academy, North Carolina, Series 2016A:			60,618,200
1,750	5.000%, 2/01/36, 144A	2/26 at 100.00	N/R	1,714,038
305	5.125%, 2/01/46, 144A	2/26 at 100.00	N/R	291,717
500	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Corvian Community School Bonds, North Carolina, Series 2017A, 5.125%, 6/15/47, 144A	6/24 at 100.00	N/R	500,880
1,480	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Envision Science Academy Project, Series 2016A, 5.125%, 5/01/36, 144A	5/26 at 100.00	N/R	1,417,100
6,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Phoenix Academy Charter School, North Carolina, Series 2017A, 5.625%, 6/15/37, 144A	6/24 at 100.00	N/R	5,772,000
	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A:			
1,000	5.500%, 6/15/37, 144A	6/27 at 100.00	N/R	952,780
1,790	5.625%, 6/15/47, 144A	6/27 at 100.00	N/R	1,686,287
34,100	Public Finance Authority of Wisconsin, Limited Obligation PILOT Revenue Bonds, American Dream @ Meadowlands Project, Series 2017, 7.000%, 12/01/50, 144A	12/27 at 100.00	N/R	39,464,953
1,700	Public Finance Authority of Wisconsin, Revenue Bonds, Alabama Proton Therapy Center, Senior Series 2017A., 7.000%, 10/01/47, 144A	10/27 at 100.00	N/R	1,717,340
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
()	Wisconsin (continued) Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A.:			
\$4,050	5.000%, 6/15/38, 144A	6/26 at 100.00	BBB-	\$4,308,026
1,575	5.000%, 6/15/48, 144A	6/26 at 100.00	BBB-	1,664,192
2,500	Public Finance Authority, Wisconsin, Exempt Facilities Revenue Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30	5/26 at 100.00	BBB-	2,553,150
	Public Finance Authority, Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A.:			
1,830	5.000%, 12/01/27	No Opt. Call	BBB-	1,873,481
1,565	5.200%, 12/01/37	12/27 at 100.00	BBB-	1,583,780
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37	8/24 at 103.00	N/R	1,012,480
8,460	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25	7/21 at 100.00	A2	9,109,474
2,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31	4/23 at 100.00	A2	2,711,625
6,620	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42	10/22 at 100.00	AA-	7,039,377
16,190	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Gundersen Lutheran, Series 2011A, 5.250%, 10/15/39 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B:	10/21 at 100.00	A1	17,315,691
1,485	5.000%, 2/15/40	2/22 at 100.00	A-	1,572,452
3,490	4.500%, 2/15/40	2/22 at 100.00	A-	3,597,597
	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012:			
11,000	5.000%, 6/01/32	6/22 at 100.00	A3	11,734,140
1,500	5.000%, 6/01/39	6/22 at 100.00	A3	1,580,160
1,250	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Meriter Hospital, Inc., Series 2011A, 5.750%, 5/01/35 (Pre-refunded 5/01/21)	5/21 at 100.00	N/R (4)	1,381,475
5,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series	8/24 at 100.00	A+	5,035,100

	1,450	2015, 3.375%, 8/15/29 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rocket Education Obligated Group, Series 2017C, 5.250%, 6/01/40, 144A	6/26 at 100.00	N/R	1,500,098
	1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A, 5.000%, 7/01/34	7/24 at 100.00	A-	1,077,300
		Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Saint John's Communities Inc., Series 2015B:			
	550	5.000%, 9/15/37	9/22 at 100.00	BBB-	569,591
	1,000	5.000%, 9/15/45	9/22 at 100.00	BBB-	1,029,970
	1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Three Pillars Senior Living Communities, Refunding Series 2013, 5.000%, 8/15/33	8/23 at 100.00	A	1,081,800
		Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Woodland Hills Senior Housing Project, Series 2014:			
	2,565	5.000%, 12/01/44	12/22 at 102.00	N/R	2,671,345
	1,775	5.250%, 12/01/49	12/22 at 102.00	N/R	1,869,661
		Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson Hollow Project. Series 2014	:		
	1,000	5.375%, 10/01/44	10/22 at 102.00	N/R	1,080,350
	1,500	5.500%, 10/01/49	10/22 at 102.00	N/R	1,624,890
4	130,480 55	Total Wisconsin			140,094,300

NVGNuveen AMT-Free Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal Amount		Optional Call Provisions	s Rating	.
(000)	Description (1)	(2)	(3)	S Value
\$2,035	Wyoming – 0.1% (0.1% of Total Investments) Campbell County, Wyoming Solid Waste Facilities Revenue Bonds, Basin Electric Power Cooperative – Dry Fork Station Facilities, Series 2009A, 5.750%, 7/15/39 Teton County Hospital District, Wyoming, Hospital Revenue Bonds, St. John's Medical Center Project, Series 2011B:	7/19 at 100.00	A3	\$2,120,958
1,000	5.500%, 12/01/27	12/21 at 100.00	BBB+	1,071,600
1,000 4,035	6.000%, 12/01/36 Total Wyoming	12/21 at 100.00	BBB+	1,087,630 4,280,188
\$5,766,459	Total Municipal Bonds (cost \$4,828,650,439)			5,138,002,568
Principal Amount (000)	Description (1) Coupo CORPORATE BONDS – 0.0% (0.0% of Total Investments)	n Maturity	Ratings (3)	Value
\$1,244 344 \$1,588	Transportation – 0.0% (0.0% of Total Investments) Las Vegas Monorail Company, Senior Interest Bonds (9), (10) Las Vegas Monorail Company, Senior Interest Bonds (9), (10) Total Corporate Bonds (cost \$96,729) Total Long-Term Investments (cost \$4,828,747,168)		N/R N/R	\$795,571 171,987 967,558 5,138,970,126
Principal Amount (000)	Description (1) SHORT-TERM INVESTMENTS – 0.3% (0.2% of Total Investments) MUNICIPAL BONDS – 0.3% (0.2% of Total Investments) Florida – 0.3% (0.2% of Total Investments)	Optional Call Provisions (2)	Ratings (3)	Value
\$10,000	Miami-Dade County School Board, Florida, Variable Rate Demand Bond Obligations, Certificates of Participation, Tender Option Bond Floater 2013-002, 1.840%, 5/01/31 (11)	No Opt. Call	A2	\$10,000,000

\$10,000	Total Short-Term Investments (cost \$10,000,000)	10,000,000
	Total Investments (cost \$4,838,747,168) – 159.8%	5,148,970,126
	Floating Rate Obligations – (6.0)%	(192,750,000)
	MuniFund Term Preferred Shares, net of deferred offering costs – (12.6)% (12)	(405,094,990)
	Variable Rate Demand Preferred Shares, net of deferred offering costs – (43.7)% (13)	(1,407,633,477)
	Other Assets Less Liabilities – 2.5% (14)	78,967,650
	Net Assets Applicable to Common Shares – 100%	\$3,222,459,309

Investments in Derivatives

Interest Rate Swaps – OTC Cleared

Notional Amount	Fund Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)		Fixed Rate Payment Frequency	Effective Date (15)	Maturity Date	Value	Premiums Paid (Received)	
\$79,400,000 56	Receive	3-Month LIBOR	2.363	%	Semi-Annually	9/10/18	9/10/28	\$4,457,277	\$1,017	\$
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Interest Rate Swaps - OTC Uncleared

Counterparty	Notional Amount	Fund Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency	Effective Date (15)	Optional Termination Date	Maturity Date	
JPMorgan Chase Bank, N.A.	\$43,000,000	Receive	Weekly SIFMA	1.841%	Quarterly	8/24/18	9/24/18	8/24/28	\$

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
- (2) may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - The ratings disclosed are the lowest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors
- (3) Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. 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.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (6) The coupon for this security increased 0.25% effective January 1, 2016 and increased an additional 0.25% effective May 11, 2016.
- (7) Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.

 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
- (8) 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.
 - Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board.
- (9) For fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 Investment Valuation and Fair Value Measurements for more information.

 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
- (10) 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 was not accruing income for either senior interest corporate bond. On January 18, 2017, the Fund's Adviser determined it was likely that this senior interest corporate bond would fulfill its obligation on the security maturing on July 15, 2019, and therefore began accruing income on the Fund's records.
- (11) Investment has a maturity of greater than one year, but has variable rate and/or demand features which qualify it as a short-term investment. The rate disclosed, as well as the reference rate and spread, where applicable, is

- that in effect as of the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
- (12) MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 7.9%.
- Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 27.3%.
 - Other assets less liabilities includes the unrealized appreciation (depreciation) of certain over-the-counter ("OTC") derivatives as presented on the Statement of Assets and Liabilities, when applicable. The unrealized
- (14) appreciation (depreciation) of OTC cleared and exchange-traded derivatives is recognized as part of the cash collateral at brokers and/or the receivable or payable for variation margin as presented on the Statement of Assets and Liabilities, when applicable.
- (15) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each contract.
 - Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These
- 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.

LIBOR London Inter-Bank Offered Rate

SIFMA Securities Industry and Financial Market Association

Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
UB Statements, Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 161.2% (100.0% of Total			
	Investments) MUNICIPAL BONDS – 161.1% (99.9% of Total Investments)			
	Alabama – 1.3% (0.8% 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, 144A	9/25 at 100.00	N/R	88,527,137
	Alabama Special Care Facilities Financing Authority, Birmingham,	~a		
9,425	Hospital Revenue Bonds, Daughters of Charity National Health System – Providence Hospital and St. Vincent's Hospital, Series 199 5.000%, 11/01/25 (ETM)	5/18 at 5,00.00	Aaa	10,106,427
5,835	Lower Alabama Gas District, Alabama, Gas Project Revenue Bonds, Series 2016A, 5.000%, 9/01/46	,No Opt. Call	A3	6,918,268
2,375	Selma Industrial Development Board, Alabama, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series	5/20 at 100.00	BBB	2,559,086
26,220	2010A, 5.800%, 5/01/34 Total Alabama			28,110,918
	Alaska – 0.7% (0.4% of Total Investments)			
	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	1,085,690
2,950	5.000%, 1/01/33 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	3,177,710
2,900	5.000%, 1/01/34 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	3,112,541
	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A:			
330	4.625%, 6/01/23	6/18 at 100.00	Ba2	339,431
7,010	5.000%, 6/01/46	6/18 at 100.00	В3	7,009,720
14,190	Total Alaska Arizona – 3.4% (2.1% of Total Investments)			14,725,092
1,300	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	A-	1,392,404
2,820	Arizona Health Facilities Authority, Revenue Bonds, Scottsdale Lincoln Hospitals Project, Refunding Series 2014A, 5.000%,	12/24 at 100.00	A2	3,111,955

Arizona Industrial Development Authority, Education Revenue 7/19 at	
2,930 Bonds, Legacy Traditional School Southwest Las Vegas Nevada Campus, Series 2018, 5.2505, 7/01/22, 144A N/R 2,893,3	16
Arizona Sports and Tourism Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/30 A 11,085,	255
Arizona State Transportation Board, Highway Revenue Bonds, Tender Option Bond Trust 2017-XG0131, 10.117%, 7/01/33, 144A (Pre-refunded 7/01/18) (IF) (5) Aa1 (4) 3,444,11	38
2,300 Cahava Springs Revitalization District, Cave Creek, Arizona, 7/27 at Special Assessment Bonds, Series 2017A, 7.000%, 7/01/41, 144A 100.00 N/R 2,333,8.	33
Eastmark Community Facilities District 1, Mesa, Arizona, General 7/25 at Obligation Bonds, Series 2015, 5.000%, 7/15/39, 144A 100.00 N/R 3,260,19	98
Phoenix Civic Improvement Corporation, Arizona, Airport Revenue 4,500 Bonds, Junior Lien Series 2010A, 5.000%, 7/01/40 (Pre-refunded 7/01/20) A+ (4) 4,778,40 7/01/20)	60
Phoenix Civic Improvement Corporation, Arizona, Airport Revenue 7/18 at 10,700 Bonds, Senior Lien Series 2008A, 5.000%, 7/01/38 (Pre-refunded 7/01/18) AA- (4) 10,757, 7/01/18)	887
Phoenix Industrial Development Authority, Arizona, Education 4,360 Facility Revenue Bonds, Legacy Traditional Schools East Mesa and Cadence, Nevada Campuses, Series 2017A, 4.000%, 7/01/22, 144A 7/101.00 N/R 4,248,77	76
Phoenix Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Legacy Traditional Schools Phoenix/East 7/19 at Mesa and Cadence, Nevada Campuses, Series 2017B, 4.000%, 101.00 7/01/22, 144A	12
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Arizona (continued) Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012:			
\$400	5.000%, 7/01/27 (Alternative Minimum Tax)	7/22 at 100.00	A1 \$	6432,220
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A1	1,020,347
	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	ВВ	313,315
365	6.000%, 7/01/43	7/20 at 102.00	ВВ	327,828
205	6.000%, 7/01/48	7/20 at 102.00	ВВ	181,618
1,390	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools Project, Series 2014A, 7.375%, 7/01/49	7/20 at 102.00	ВВ	1,317,873
	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools Project, Series 2016:			
1,790	5.375%, 7/01/46	7/26 at 100.00	ВВ	1,548,726
2,140	5.500%, 7/01/51	7/26 at 100.00	BB	1,846,542
595	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, San Tan Montessori School Project, Series 2016, 6.500%, 2/01/48, 144A	2/24 at 100.00	N/R	560,020
2,060	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, San Tan Montessori School Project, Series 2017., 6.750%, 2/01/50, 144A	2/28 at 100.00	N/R	1,994,410
865	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Noah Webster Schools? Pima Project, Series 2014A, 7.250%, 7/01/39	7/20 at 102.00	ВВ	822,667
650	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Paradise Education Center Project, Series 2010, 6.100%, 6/01/45 (Pre-refunded 6/01/19)	6/19 at 100.00	BB+ (4)	679,120
3,710	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/41 (Pre-refunded 7/01/21)	7/21 at 100.00	A (4)	4,070,612
7,235	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc. Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	BBB+	8,470,232
71,690	Total Arizona			73,878,564

	California – 25.2% (15.6% of Total Investments)			
1,500	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Channing House, Series 2010, 6.000%, 5/15/30 (Pre-refunded 5/15/20)	5/20 at 100.00	AA- (4)	1,625,700
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	A+	1,744,660
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	3,088,897
8,000	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	7/18 at 100.00	BBB+	8,008,720
535	Antelope Valley Healthcare District, California, Revenue Bonds, Series 2016A, 5.000%, 3/01/41	3/26 at 100.00	Ba3	562,552
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	2,033,456
	Calexico Unified School District, Imperial County, California, General Obligation Bonds, Series 2005B:			
4,070	0.000%, 8/01/32 – FGIC Insured	No Opt. Call	A3	2,380,543
6,410	0.000%, 8/01/34 – FGIC Insured	No Opt. Call	A3	3,400,569
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	6/18 at 100.00	N/R	1,294,987
	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A:			
3,280	5.450%, 6/01/28	12/18 at 100.00	B2	3,317,326
13,500	5.600%, 6/01/36	12/18 at 100.00	B2	13,654,035
12,025	5.650%, 6/01/41	12/18 at 100.00	B2	12,095,947
525	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Merced County Tobacco Funding Corporation, Series 2005A, 5.000%, 6/01/26	7/18 at 100.00	Baa1	525,215

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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$3,400	California (continued) California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39 California Health Facilities Financing Authority, Revenue Bonds, Saint Joseph Health System, Series 2013A:	10/19 at 100.00		\$3,563,064
3,840	5.000%, 7/01/33	7/23 at 100.00	AA-	4,300,262
710	5.000%, 7/01/37	7/23 at 100.00	AA-	788,192
7,150	California Infrastructure and Economic Development Bank. Clean Water State Revolving Fund Revenue Bonds, Green Series 2018., 5.000%, 10/01/43	4/28 at 100.00	AAA	8,354,918
825	California Municipal Finance Authority, Charter School Lease Revenue Bonds, Santa Rosa Academy Project, Series 2015, 5.375%, 7/01/45, 144A	7/25 at 100.00	BB+	863,841
1,350	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	BBB (4)	1,470,028
10,120	California Pollution Control Financing Authority, Water Furnishing Revenue Bonds, San Diego County Water Authority Desalination Project Pipeline, Series 2012, 5.000%, 11/21/45, 144A	² 7/18 at 100.00	Baa3	10,306,613
2,000	California School Finance Authority, Charter School Revenue Bonds, Downtown College Prep – Obligated Group, Series 2016, 5.000%, 6/01/51, 144A	6/26 at 100.00	N/R	2,023,780
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+	2,200,280
1,220	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34 (Pre-refunded 11/01/19)	11/19 at 100.00	A+ (4)	1,303,582
1,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 5.750%, 3/01/30 (Pre-refunded 3/01/20)	3/20 at 100.00	A+ (4)	1,607,025
4,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2011A, 5.125%, 10/01/31 California State, General Obligation Bonds, Various Purpose Series 2010:	10/21 at 100.00	A+	4,919,670
1,000	5.500%, 3/01/40	3/20 at 100.00	AA-	1,067,050
8,500	5.250%, 11/01/40	100.00	AA-	9,145,915

		11/20 at 100.00		
3,000	California State, General Obligation Bonds, Various Purpose Series 2011, 5.250%, 10/01/32	100.00	AA-	3,310,740
25,320	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.500%, 12/01/54	12/24 at 100.00	ВВ	27,285,085
	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A:			
8,905	5.000%, 12/01/36, 144A	6/26 at 100.00	BB	9,476,434
12,045	5.000%, 12/01/46, 144A	6/26 at 100.00	ВВ	12,707,595
17,040	5.250%, 12/01/56, 144A	6/26 at 100.00	ВВ	18,146,578
	California Statewide Communities Development Authority, Revenue Bonds, American Baptist Homes of the West, Series 2010	:		
1,030	6.250%, 10/01/39	10/19 at 100.00	BBB+	1,085,074
1,050	6.000%, 7/01/40 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	1,079,652
1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.500%, 7/01/39 (6)	7/18 at 100.00	CCC	1,000,010
755	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005H, 5.750%, 7/01/25 (6)	7/18 at 100.00	CCC	756,782
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)	2,602,865
20	California, General Obligation Veterans Welfare Bonds, Series 2001BZ, 5.350%, 12/01/21 (Pre-refunded 6/01/18) – NPFG Insured (Alternative Minimum Tax)	1 ^{6/18} at 100.00	AA- (4)	20,045
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	Baa2	5,956,574
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	3,326,040
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
()	California (continued)	,	(-)	
\$4,000	Coast Community College District, Orange County, California, General Obligation Bonds, Series 2005, 0.000%, 8/01/22 – NPFG Insured	No Opt. Call	AA+ S	63,638,920
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	A+	1,802,815
3,290	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	AA+ (4)	3,642,885
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	1,436,305
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 – NPFG Insured	No Opt. Call	AA-	1,794,198
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 – NPFG Insured	No Opt. Call	AA-	2,541,470
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	BBB-	1,972,499
	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A:			
3,000	0.000%, 1/15/26 (7)	No Opt. Call	BBB-	2,552,610
1,560	5.750%, 1/15/46	1/24 at 100.00	BBB-	1,774,484
3,560	6.000%, 1/15/49	1/24 at 100.00	BBB-	4,140,102
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 – NPFG Insured	No Opt. Call	AAA	3,087,096
2,315	Gateway Unified School District, California, General Obligation Bonds, Series 2004B, 0.000%, 8/01/32 – FGIC Insured	No Opt. Call	A+	1,369,276
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 (Pre-refunded 8/01/21)	8/21 at 100.00	AA- (4)	1,120,990
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,	No Opt. Call	A1	2,514,000
13,420	Tobacco Settlement Asset-Backed Bonds, Series 2007A-1: 5.000%, 6/01/33		В3	13,537,828

		6/18 at 100.00		
32,800	5.750%, 6/01/47	6/18 at 100.00	В3	33,742,344
13,550	5.125%, 6/01/47	6/18 at 100.00	B-	13,549,729
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	8,076,997
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	2,467,816
5,000	Huntington Beach Union High School District, Orange County, California, General Obligation Bonds, Series 2005, 0.000%, 8/01/31 NPFG Insured	No Opt. Call	Aa2	3,186,450
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	AA-	1,520,675
14,000	Inland Empire Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Series 2007C-2, 0.000%, 6/01/47	6/18 at 100.00	N/R	2,031,120
10,600	Inland Empire Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Series 2007, 0.000%, 6/01/36	6/18 at 100.00	N/R	3,262,468
4,615	Los Angeles Department of Airports, California, Revenue Bonds, Los Angeles International Airport, Subordinate Lien Series 2018A., 5.000%, 5/15/44 (Alternative Minimum Tax)	5/28 at 100.00	A1	5,225,795
23,665	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2018A., 5.000%, 7/01/48	1/28 at 100.00	Aa2	27,287,165
2,750	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	A	2,863,850
20,000	Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, Election 2008 Series 2018B-1, 5.000%, 7/01/38	1/28 at 100.00	Aa2	23,369,800
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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(111)	California (continued)		(-)	
\$540	Madera County, California, Certificates of Participation, Children's Hospital Central California, Series 2010, 5.375%, 3/15/36	100.00	A1	\$568,064
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	2,393,200
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 Mount San Antonio Community College District, Los Angeles	8/26 at 100.00	A1	1,208,150
	County, California, General Obligation Bonds, Election of 2008, Series 2013A:			
1,030	0.000%, 8/01/28 (7)	2/28 at 100.00	AA	979,829
2,320	0.000%, 8/01/43 (7)	8/35 at 100.00	AA	1,859,573
5,420	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009B, 6.500%, 11/01/39 M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009C:	No Opt. Call	BBB+	7,507,188
2,700	7.000%, 11/01/34	No Opt. Call	BBB+	3,772,251
2,200	6.500%, 11/01/39	No Opt. Call	BBB+	3,047,198
	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.	AA+	6,437,376
4,180	0.000%, 8/01/26 – FGIC Insured	No Opt. Call	AA+	3,358,755
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	A+	8,822,401
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29 (Pre-refunded 11/01/19)	11/19 at 100.00	N/R (4)	3,211,950
770	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21 (Pre-refunded 11/01/20)	11/20 at 100.00	Ba1 (4)	813,320
6,000	Palomar Pomerado Health, California, General Obligation Bonds, Capital Appreciation, Election of 2004, Series 2007A, 0.000%,	No Opt. Call	BB+	4,950,960

	8/01/24 – NPFG Insured Palomar Pomerado Health, California, General Obligation Bonds,	8/30 at		
12,210	Convertible Capital Appreciation, Election 2004 Series 2010A, 0.000%, 8/01/40 (7)	100.00	BB+	13,897,300
5,000	Palomar Pomerado Health, California, General Obligation Bonds, Series 2009A, 0.000%, 8/01/38 – AGC Insured (7)	8/29 at 100.00	BB+	6,084,050
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	A1	1,536,972
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	AA+ (4)	11,551,345
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds Refunding Series 2011, 5.500%, 5/01/32 (Pre-refunded 5/01/21)	,5/21 at 100.00	A1 (4)	2,758,700
3,850	Placentia-Yorba Linda Unified School District, Orange County, California, Certificates of Participation, Refunding Series 2011, 6.250%, 10/01/28 – AGM Insured	10/25 at 100.00	A2	4,395,506
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	A2	2,403,040
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-	2,139,080
205	Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/44	6/23 at 100.00	BBB-	227,398
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	A+	2,221,053
3,550	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011, 7.500%, 12/01/41	12/21 at 100.00	ВВ	3,955,481
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	177,994
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$3,000	California (continued) San Diego Community College District, California, General Obligation Bonds, Tender Option Bond Trust 2016-XG0053, 10.380%, 8/01/41, 144A (Pre-refunded 8/01/21) (IF) (5)	8/21 at 100.00		33,877,290
1,830	San Diego Public Facilities Financing Authority, California, Water Utility Revenue Bonds, Tender Option Bond Trust 2015-XF0098, 14.934%, 8/01/39, 144A (Pre-refunded 8/01/19) (IF)	8/19 at 100.00	AA- (4)	2,167,800
16,875	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2017A, 5.000%, 5/01/47 (Alternative Minimum Tax)	5/27 at 100.00	A+	18,841,950
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)	708,726
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-	2,201,865
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	1/25 at 100.00	BBB-	2,931,255
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A:			
6,630	5.000%, 1/15/44	1/25 at 100.00 1/25 at	BBB	7,182,146
3,160	5.000%, 1/15/50	100.00	BBB	3,411,441
7,205	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Series 1997A, 0.000%, 1/15/23 – NPFG Insured	No Opt. Call	Baa2	6,327,719
5,760	San Ysidro School District, San Diego County, California, General Obligation Bonds, Refunding Series 2015, 0.000%, 8/01/45	lNo Opt. Call	A1	1,510,733
690	Semitrophic Improvement District of Semitrophic Water Storage District, Kern County, California, Revenue Bonds, Refunding Series 2009A, 5.000%, 12/01/38 (Pre-refunded 12/01/19) Silicon Valley Tobacco Securitization Authority, California, Tobacco Settlement Asset-Backed Bonds, Santa Clara County	12/19 at 100.00	A+ (4)	723,913
7,500	Tobacco Securitization Corporation, Series 2007A: 0.000%, 6/01/36	6/18 at	N/R	2,751,000
37,555	0.000%, 6/01/47	100.00 6/18 at	N/R	6,711,454
	Tobacco Securitization Authority of Southern California, Tobacco Settlement Asset-Backed Bonds, San Diego County Tobacco Asset Securitization Corporation, Senior Series 2006A:	100.00		
11,595	5.000%, 6/01/37		B2	11,628,510

3,090	5.125%, 6/01/46	6/18 at 100.00 6/18 at 100.00	B2	3,095,315
1,800	Walnut Valley Unified School District, Los Angeles County, California, General Obligation Bonds, Election 2000 Series 2003D, 0.000%, 8/01/27 – FGIC Insured Wiseburn School District, Los Angeles County, California,	No Opt. Call	AA-	1,383,030
	General Obligation Bonds, Series 2011B:			
4,005	0.000%, 8/01/36 – AGM Insured (7)	8/31 at 100.00	Aa3	3,416,946
3,900	5.625%, 5/01/41 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 100.00	Aa3 (4)	4,350,021
3,000	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47 (Pre-refunded 8/01/21)	8/21 at 100.00	Aa2 (4)	3,315,930
608,700	Total California			552,725,166
,	Colorado – 6.6% (4.1% of Total Investments)			, ,
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	AA- (4)	1,382,612
1,500	Anthem West Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2015, 5.000%, 12/01/35 – BAM Insured		A3	1,644,450
1,600	Arkansas River Power Authority, Colorado, Power Revenue Bonds, Series 2006, 5.250%, 10/01/40 – SYNCORA GTY Insured	7/18 at 1 100.00	BBB	1,600,016
1,215	Base Village Metropolitan District 2, Colorado, General Obligation Bonds, Refunding Series 2016A, 5.500%, 12/01/36	12/21 at 103.00	N/R	1,238,425
700	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23 (Pre-refunded 7/01/18)	7/18 at 100.00	N/R (4)	705,887

NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
()	Colorado (continued) Canyons Metropolitan District 5, Douglas County, Colorado, Limited Tax General Obligation and Special Revenue Bonds, Refunding & Improvement Series 2017A:			
\$775	6.000%, 12/01/37	12/22 at 103.00	N/R	\$780,107
2,320	6.125%, 12/01/47	12/22 at 103.00	N/R	2,335,915
685	Canyons Metropolitan District 6, Douglas County, Colorado, Limited Tax General Obligation and Special Revenue Bonds, Refunding & Improvement Series 2017A, 6.125%, 12/01/47	12/22 at 103.00	N/R	678,951
500	Castle Oaks Metropolitan District 3, Castle Rock, Douglas County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.500%, 12/01/45 (Pre-refunded 12/01/20) Centerra Metropolitan District 1, Loveland, Colorado, Special	12/20 at 103.00	N/R (4)	557,230
	Revenue Bonds, Refunding & Improvement Series 2017:			
770	5.000%, 12/01/37, 144A	12/22 at 103.00	N/R	788,503
2,210	5.000%, 12/01/47, 144A	12/22 at 103.00	N/R	2,241,912
625	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 6.000%, 12/01/38	12/23 at 100.00	BBB-	719,631
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	997,520
1,240	Colorado City Metropolitan District, Oueblo county, Colorado, Water and Wastewater Enterprise Revenue Bonds, Refunding & Improvement Series 2012, 4.500%, 12/01/34	12/19 at 100.00	BBB+	1,265,966
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-	1,027,350
2,135	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	2,086,301
9,440	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2006A, 4.500%, 9/01/38	7/18 at 100.00	BBB+	9,450,762
3,335	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2009A, 5.500%, 7/01/34	7/19 at 100.00	BBB+	3,443,087
9,335	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	BBB+	9,928,519

2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Children's Hospital Colorado Project, Series 2013A, 5.000%, 12/01/36	12/23 at 100.00	A+	2,183,660
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Craig Hospital Project, Series 2012, 4.000%, 12/01/42	12/22 at 100.00	A	2,014,940
3,655	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013A, 5.000%, 6/01/45	6/25 at 100.00	BBB	3,887,604
585	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013, 5.625%, 6/01/43	6/23 at '100.00	BBB	651,310
1,150	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Poudre Valley Health System, Series 2005C, 5.250%, 3/01/40 – AGM Insured	9/18 at 102.00	Aa3	1,182,430
11,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA-	11,976,790
2,105	Colorado International Center Metropolitan District 14, Denver, Colorado, Limited Tax General Obligation Bonds, Refunding & Improvement Series 2018., 5.875%, 12/01/46	12/23 at 103.00	N/R	2,188,926
2,250	Colorado Springs, Colorado, Utilities System Revenue Bonds, Improvement Series 2013B-1, 5.000%, 11/15/38 Colorado State Board of Governors, Colorado State University	11/23 at 100.00	AA	2,515,657
	Auxiliary Enterprise System Revenue Bonds, Series 2009A:			
20	5.000%, 3/01/34	3/19 at 100.00	AA-	20,486
1,175	5.000%, 3/01/34 (Pre-refunded 3/01/19)	3/19 at 100.00	N/R (4)	1,205,338
5	5.000%, 3/01/34 (Pre-refunded 3/01/19)	3/19 at 100.00	N/R (4)	5,129
1,945	Commerce City, Colorado, Sales and Use Tax Revenue Bonds, Refunding Series 2015, 5.000%, 8/01/36 – BAM Insured	8/25 at 100.00	A1	2,151,209
1,000	Concord Metropolitan District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2010, 5.375%, 12/01/40	12/20 at 100.00	BBB+	1,030,640
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
` '	Colorado (continued)		` '	
\$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	524,590
2,200	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/32	11/22 at 100.00	A+	2,418,592
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	4,214,662
10,000	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Capital Appreciation Series 2010A, 0.000%, 9/01/41	No Opt. Call	BBB+	4,005,700
8,845	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 1997B, 0.000%, 9/01/26 – NPFG Insured E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B.	Call	BBB+	6,834,266
7,550	Series 2000B: 0.000%, 9/01/29 – NPFG Insured	No Opt. Call	BBB+	5,090,059
11,100	0.000%, 9/01/31 – NPFG Insured	No Opt. Call	BBB+	6,835,602
10,000	0.000%, 9/01/32 – NPFG Insured	No Opt. Call	BBB+	5,913,300
8,135	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/28 – NPFG Insured Eaton Area Park and Recreation District, Colorado, General Obligation Limited Tax Bonds, Series 2015:	9/20 at 63.98	BBB+	4,896,619
475	5.500%, 12/01/30	12/22 at	N/R	511,328
180	5.250%, 12/01/34	100.00 12/22 at 100.00	N/R	189,711
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	506,870
968	Flatiron Meadows Metropolitan District, Boulder County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.125%, 12/01/46 Foothills Metropolitan District, Fort Collins, Colorado, Special	12/21 at 103.00	N/R	941,777
	Revenue Bonds, Series 2014:	12/24 at		
1,125	5.750%, 12/01/30	100.00	N/R	1,157,794
1,000	6.000%, 12/01/38	12/24 at 100.00	N/R	1,021,710
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 100.00	N/R	771,247
	Johnstown Plaza Metropolitan District, Colorado, Special Revenue Bonds, Series 2016A:			
1,590	5.250%, 12/01/36		N/R	1,522,616

		12/21 at 103.00		
6,130	5.375%, 12/01/46	12/21 at 103.00	N/R	5,817,247
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	100.00	A-	1,070,560
825	North Range Metropolitan District No. 2, In the City of Commerce City, Adams County,	12/22 at 103.00	N/R	828,473
	Colorado, Limited Tax General Obligation and Special Revenue and Improvement Bonds, Refunding Series 2017A, 5.750%, 12/01/47			
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	A	2,050,081
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	A2 (4)	3,325,424
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	466,715
1,590	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31	6/20 at 100.00	A	1,688,405
	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	Baa3	4,663,987
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,517,117
1,034	Reserve Metropolitan District 2, Mount Crested Butte, Colorado, Limited Tax General Obligation Bonds, Refunding Series 2016A, 5.000%, 12/01/45	12/26 at 100.00	N/R	1,038,250
525	Sierra Ridge Metropolitan District 2, Douglas County, Colorado, General Obligation Bonds, Limited Tax Series 2016A, 5.500%, 12/01/46	12/21 at 103.00	N/R	536,004
65				

NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
, , ,	Colorado (continued)	` '	` ´	
\$650	Thompson Crossing Metropolitan District No. 6 in the Town of Johnstown, Larimer County, Colorado, General Obligation Limited Tax Bonds Series 2015A, 6.000%, 12/01/44	12/20 at 103.00	N/R	\$657,007
55	Water Valley Metropolitan District 1, Colorado, General Obligation Bonds, Refunding Series 2016, 5.250%, 12/01/40	12/26 at 100.00	N/R	57,271
105	Water Valley Metropolitan District 2, Windsor, Colorado, General Obligation Bonds, Refunding Series 2016, 5.250%, 12/01/40	112/26 at 100.00	N/R	111,859
163,852	Total Colorado			146,072,106
	Connecticut – 0.1% (0.0% of Total Investments)	7/01		
1,500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Hartford HealthCare, Series 2011A, 5.000%, 7/01/41 Florida – 4.3% (2.7% of Total Investments)	100.00	A	1,579,635
1,250	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40	9/20 at 100.00	BBB	1,310,137
	Bay County, Florida, Educational Facilities Revenue Refunding			
	Bonds, Bay Haven Charter Academy, Inc. Project, Series 2013A:	9/23 at		
1,005	5.000%, 9/01/43	100.00	BBB	1,043,471
865	5.000%, 9/01/45	9/23 at 100.00	BBB	897,273
635	Belmont Community Development District, Florida, Capital Improvement Revenue Bonds, Series 2016A, 5.375%, 11/01/36	11/27 at 100.00	N/R	655,993
535	Belmont Community Development District, Florida, Capital Improvement Revenue Bonds, Series 2016B, 5.625%, 11/01/35	No Opt. Call	N/R	545,957
665	Bexley Community Development District, Pasco County, Florida, Special Assessment Revenue Bonds, Series 2016, 4.700%, 5/01/36	5/26 at 100.00	N/R	674,869
2,115	Brevard County Health Facilities Authority, Florida, Health Facilities Revenue Bonds, Health First, Inc. Project, Series 2009B 7.000%, 4/01/39 (Pre-refunded 4/01/19)	4/19 at '100.00	A (4)	2,211,825
3,430	Broward County, Florida, Airport Facility Revenue Bonds, Learjet Inc., Series 2000, 7.500%, 11/01/20 (Alternative Minimum Tax)	7/18 at 100.00	Caa1	3,431,269
5,005	Broward County, Florida, Airport System Revenue Bonds, Refunding Series 2009O, 5.375%, 10/01/29	10/19 at 100.00	A+	5,241,386
1,480	Brwoard 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	1,584,902

4,390	Capital Trust Agency, Florida, Multifamily Housing Revenue Bonds, The Gardens Apartments Project, Series 2015A, 5.000%, 7/04/50 Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series 2016A-1:	7/25 at 100.00	A-	4,547,381
125	5.250%, 11/01/37	11/28 at 100.00	N/R	128,247
160	5.600%, 11/01/46	11/28 at 100.00	N/R	166,085
330	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	345,210
	Downtown Doral Community Development District, Florida, Special Assessment Bonds, Series 2015:			
555	5.250%, 5/01/35	5/26 at 100.00	N/R	564,418
615	5.300%, 5/01/36	5/26 at 100.00	N/R	625,012
955	5.500%, 5/01/45	5/26 at 100.00	N/R	959,909
1,305	5.500%, 5/01/46	5/26 at 100.00	N/R	1,310,859
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Downtown Doral Charter Elementary School Project, Series 2017C.:			
1,115	5.650%, 7/01/37, 144A	7/27 at 101.00	N/R	1,085,653
3,385	5.750%, 7/01/47, 144A	7/27 at 101.00	N/R	3,273,329
66				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(000)	Florida (continued) Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Florida Charter Foundation Inc. Projects, Series 2016A:	(-)		
\$1,015	6.250%, 6/15/36, 144A	6/26 at 100.00	N/R	\$1,040,202
1,420	4.750%, 7/15/36, 144A	7/26 at 100.00	N/R	1,342,085
2,575	6.375%, 6/15/46, 144A	6/26 at 100.00	N/R	2,636,130
1,465	5.000%, 7/15/46, 144A	7/26 at 100.00	N/R	1,387,809
	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	937,490
6,785	5.125%, 7/01/46	7/26 at 100.00	N/R	6,249,460
	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School Income Projects, Series 2015A:			
900	6.000%, 6/15/35, 144A	6/25 at 100.00	N/R	943,992
560	6.125%, 6/15/46, 144A	6/25 at 100.00	N/R	579,684
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	Baa1	1,205,710
3,310	Florida, Development Finance Corporation, Surface Transportation Facility Revenue Bonds, Brightline Passenger Rail Project – South Segment, Series 2017., 0.000%, 1/01/47, 144A (Alternative Minimum Tax)	105.00	BB-	3,407,413
320	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	321,056
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-	5,090,695
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+	1,879,815
2,490	Miami-Dade County, Florida, Special Obligation Bonds, Refunding Subordinate Series 2012B, 5.000%, 10/01/37	10/22 at 100.00	A2	2,699,733
7,045	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	A+	7,659,747
2,140		_ 00.00	N/R	2,291,405

	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		
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	2,353,573
2,335	Orlando, Florida, Capital Improvement Special Revenue Bonds, Series 2014B, 5.000%, 10/01/46	10/24 at 100.00	Aa2	2,612,795
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	97,862
545	Reunion West Community Development District, Florida, Special Assessment Bonds, Area 3 Project, Series 2016, 5.000%, 11/01/46 Six Mile Creek Community Development District, Florida, Capital Improvement Revenue Bonds, Assessment Area 2, Series 2016:	11/26 at 100.00	N/R	549,883
175	4.750%, 11/01/28	11/27 at 100.00	N/R	177,018
295	5.375%, 11/01/36	11/27 at 100.00	N/R	300,602
375	South Village Community Development District, Clay County, Florida, Capital Improvement Revenue Bonds, Refunding Series 2016A1, 3.625%, 5/01/35 South Village Community Development District, Clay County, Florida, Capital Improvement Revenue Bonds, Refunding Series	5/26 at 100.00	ВВВ	366,379
140	2016A2: 4.350%, 5/01/26	No Opt.	N/R	140,909
100	4.875%, 5/01/35	Call 5/26 at 100.00	N/R	100,890
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-	1,459,606
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA-	11,142,450
67	1335, 2135576, 10701125 11112110 Histia	230.00		

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
` /	Florida (continued)		` /	
\$ 3,300	Tampa, Florida, Health System Revenue Bonds, Baycare Health System, Series 2012A, 5.000%, 11/15/33	5/22 at 100.00	Aa2 \$	3,590,994
200	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-3, 0.000%, 5/01/40 (7)	5/19 at 100.00	N/R	189,282
85	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-4, 0.000%, 5/01/40 (7)	5/22 at 100.00	N/R	67,503
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	5/18 at 100.00	N/R	9,697
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	234,950
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	117,949
195	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-3, 6.610%, 5/01/40 (8)		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	307,284
105	Union Park Community Development District, Florida, Capital Improvement Revenue Bonds, Series 2016A-2, 5.625%, 11/01/35	No Opt. Call	N/R	106,644
91,855	Total Florida			94,201,884
	Georgia – 2.5% (1.5% of Total Investments)			
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	A+	3,102,440
15,000	Atlanta, Georgia, Airport General Revenue Bonds, Refunding Series 2010C, 5.250%, 1/01/30	1/21 at 100.00	Aa3	16,180,950
980	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B, 5.250%, 11/01/34 (Pre-refunded 11/01/19) – AGM Insured	11/19 at 100.00	AA (4)	1,029,127
520	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	A+	544,175
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	A+	4,859,404
3,250	13371, 0.00070, 11701122 1 Ole Insuled		BB	3,489,785

		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		
		Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010A:	;		
	590	5.000%, 2/15/30	2/20 at 100.00	A	616,851
	1,910	5.000%, 2/15/30 (Pre-refunded 2/15/20)	2/20 at 100.00	N/R (4)	2,008,957
		Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010B:	;		
	475	5.250%, 2/15/37	2/20 at 100.00	AA-	496,726
	1,180	5.125%, 2/15/40	2/20 at 100.00	AA-	1,227,637
		Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010B:	;		
	1,525	5.250%, 2/15/37 (Pre-refunded 2/15/20)	2/20 at 100.00	N/R (4)	1,610,659
	3,820	5.125%, 2/15/40 (Pre-refunded 2/15/20)	2/20 at 100.00	N/R (4)	4,026,242
	4,650	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	N/R (4)	4,766,808
	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	A2	4,242,059
	840	Macon-Bibb County Urban Development Authority, Georgia, Revenue Bonds, Academy for Classical Education, Series 2017, 5.875%, 6/15/47, 144A	6/27 at 100.00	N/R	861,571
6	8				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Georgia (continued)			
\$3,000	Marietta Development Authority, Georgia, University Facilities Revenue Bonds, Life University, Inc. Project, Refunding Series 2017A, 5.000%, 11/01/47, 144A	11/27 at 100.00	Ba3	63,124,320
2,500	Medical Center Hospital Authority, Georgia, Revenue Anticipation Certificates, Columbus Regional Healthcare System, Inc. Project, Series 2008, 6.500%,	8/18 at 100.00	AA (4)	2,528,600
	8/01/38 (Pre-refunded 8/01/18) – AGC Insured			
51,375	Total Georgia			54,716,311
	Guam – 0.2% (0.2% of Total Investments)			
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30 (Pre-refunded 7/01/20)	7/20 at 100.00	BBB- (4)	4,296,680
810	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2013, 5.500%, 7/01/43	7/23 at 100.00	BBB-	880,300
4,810	Total Guam			5,176,980
	Hawaii – 0.2% (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 (Pre-refunded 7/01/20)	7/20 at 100.00	A1 (4)	1,073,510
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	3,312,360
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	ВВ	1,237,369
5,175	Total Hawaii			5,623,239
	Idaho – 0.1% (0.1% of Total Investments)			
1,175	Idaho Health Facilities Authority, Revenue Bonds, Madison Memorial Hospital Project, Refunding Series 2016, 5.000%, 9/01/37	9/26 at 100.00	BB+	1,246,369
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	A3	646,241
1,770	Total Idaho			1,892,610
1,770	Illinois – 29.7% (18.4% of Total Investments)			1,072,010
50,000	Chicago Board of Education, Illinois, Dedicated Capital Improvement Tax Revenue Bonds, Series 2016, 6.000%, 4/01/46	4/27 at 100.00	A	58,229,000
1,000	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues Series 2011A, 5.500%, 12/01/39	12/21 at 100.00	В3	1,009,640
8,400	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Refunding Series 2017B, 7.000%, 12/01/42, 144A	12/27 at 100.00	В	9,926,028
8,455	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Refunding Series 2017H, 5.000%, 12/01/36	12/27 at 100.00	В	8,444,516

Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2016A:

	Dedicated Revenues, Series 2016A:			
1,800	7.000%, 12/01/26	12/25 at 100.00	В	2,105,136
51,780	7.000%, 12/01/44	12/25 at 100.00	В	59,476,579
6,210	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2017A, 7.000%, 12/01/46, 144A	12/27 at 100.00	В	7,317,057
450	Chicago Board of Education, Illinois, General Obligation Bonds, Series 1999A, 0.000%, 12/01/26 – NPFG Insured	No Opt. Call	В	306,913
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1:			
1,715	0.000%, 12/01/26 – NPFG Insured	No Opt. Call	В	1,169,681
10,060	0.000%, 12/01/28 – FGIC Insured	No Opt. Call	В	6,224,021
1,765	0.000%, 12/01/30 – NPFG Insured	No Opt. Call	В	981,428
69				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Illinois (continued) Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A:			
\$ \$2,585	0.000%, 12/01/27 – NPFG Insured	No Opt. Call	В 3	\$1,682,990
7,240	0.000%, 12/01/31 – FGIC Insured	No Opt. Call	В	3,816,856
4,300	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40 Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999:	12/21 at 100.00	A3	4,588,358
25,755	0.000%, 1/01/29 – NPFG Insured	No Opt. Call	BBB-	16,157,914
8,765	0.000%, 1/01/34 – FGIC Insured	No Opt. Call	BBB-	4,285,910
17,310	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	BBB-	7,247,005
670	Chicago, Illinois, General Obligation Bonds, Neighborhoods Alive 21 Program, Series 2002B, 5.500%, 1/01/31	1/25 at 100.00	Ba1	714,515
2,695	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2014A, 5.000%, 1/01/35	1/24 at 100.00	Ba1	2,742,675
27,095	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2017A, 6.000%, 1/01/38	1/27 at 100.00	BBB-	30,002,835
2,000	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2005D, 5.500%, 1/01/40 Chicago, Illinois, General Obligation Bonds, Project and Refunding	100.00	Ba1	2,091,660
1 450	Series 2009C:	1/19 at	D 1	1 450 050
1,450	5.000%, 1/01/34	100.00	Ba1	1,458,859
590	5.000%, 1/01/40	1/19 at 100.00	Ba1	592,985
4,930	Chicago, Illinois, General Obligation Bonds, Project Series 2011A, 5.250% , $1/01/35$	100.00	Ba1	5,017,803
550	Chicago, Illinois, General Obligation Bonds, Project Series 2012A, 5.000%, 1/01/34 Chicago, Illinois, General Obligation Bonds, Refunding Series 2007E:	1/22 at 100.00	Ba1	557,304
10,115	5.500%, 1/01/35	1/25 at 100.00	Ba1	10,661,412
5,890	5.500%, 1/01/42	- 30.00	Ba1	6,149,631

		1/25 at 100.00		
275	Chicago, Illinois, General Obligation Bonds, Refunding Series 2008A, 5.250%, 1/01/37 – FGIC Insured	7/18 at 100.00	Ba1	275,330
765	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C, 5.000%, 1/01/35	1/26 at 100.00	BBB-	785,028
1,610	Chicago, Illinois, General Obligation Bonds, Series 1999, 0.000%, 1/01/30 – AGM Insured Chicago, Illinois, General Obligation Bonds, Series 2015A:	No Opt. Call	A2	990,327
1,000	5.500%, 1/01/35	1/25 at	BBB-	1,054,020
9,800	5.500%, 1/01/39	100.00 1/25 at 100.00	BBB-	10,260,502
5,630	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.250%, 1/01/38 (Pre-refunded 1/01/22)	1/22 at 100.00	N/R (4)	6,254,198
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	A2	1,313,462
25,375	Cook County, Illinois, General Obligation Bonds, Refunding Serie 2010A, 5.250%, 11/15/33	s 11/20 at 100.00	A2	26,784,327
800	Illinois Finance Authority, Charter School Revenue Bonds, Intrinsic Charter Schools Belmont School Project, Series 2015A, 5.500%, 12/01/30, 144A	12/25 at 100.00	N/R	818,072
	Illinois Finance Authority, Charter School Revenue Bonds, Uno Charter School Network, Refunding and Improvement Series 2011A:			
1,525	6.875%, 10/01/31	10/21 at 100.00	BB+	1,617,064
2,535	7.125%, 10/01/41	10/21 at 100.00	BB+	2,686,517
1,500	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009B, 5.500%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	Aa2 (4)	1,578,420
1,000	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	Aa2 (4)	1,049,370
2,000	Illinois Finance Authority, Revenue Bonds, Children's Memorial Hospital, Series 2008A, 5.250%, 8/15/47 – AGC Insured (Pre-refunded 8/15/18) (UB)	8/18 at 100.00	AA (4)	2,020,280
2,675	Illinois Finance Authority, Revenue Bonds, Columbia College Chicago, Series 2015A, 5.000%, 12/01/37	12/25 at 100.00	BBB+	2,775,607
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27 (Pre-refunded 4/01/21)	4/21 at 100.00	A (4)	5,743,253
70				

Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
\$845	Illinois (continued) Illinois Finance Authority, Revenue Bonds, Illinois Wesleyan University, Refunding Series 2016, 5.000%, 9/01/46	9/26 at		5900,009
5,015	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43 Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A:	5/22 at 100.00	Baa2	5,247,696
630	6.000%, 5/15/39	100.00	A	672,846
2,030	6.000%, 5/15/39 (Pre-refunded 5/15/20)	100.00	N/R (4)	2,188,665
	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A:	5		
5	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	5,366
495	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	531,204
	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A:			
415	5.500%, 7/01/28	7/23 at 100.00	A-	462,800
905	6.000%, 7/01/43	7/23 at 100.00	A-	1,002,423
	Illinois Finance Authority, Revenue Bonds, Resurrection Health Care Corporation, Refunding Series 2009:			
100	6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00	N/R (4)	104,387
90	6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00	N/R (4)	93,902
2,810	6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00	BBB- (4)	2,931,814
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	1,741,840
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+	4,029,560
1,050	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44 Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009:	100.00	Baa1	1,107,582
7,000	6.875%, 8/15/38 (Pre-refunded 8/15/19)	100.00	N/R (4)	7,434,560
2,000	7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	2,127,320
500			A2 (4)	529,610

	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 (Pre-refunded 3/01/20) AGM Insured	3/20 at 100.00		
2,500	Illinois Finance Authority, Revenue Bonds, The University of Chicago Medical Center, Series 2011C, 5.500%, 8/15/41 (Pre-refunded 2/15/21) (UB) (5)	2/21 at 100.00	AA- (4)	2,725,225
4,125	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	,10/21 at 100.00	AA-	4,393,455
3,000	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2015A, 5.000%, 10/01/46 (UB) (5) Illinois State, General Obligation Bonds, April Series 2014:	100.00	AA-	3,295,650
6,165	5.000%, 4/01/38	4/24 at 100.00	BBB-	6,202,360
5,000	5.000%, 4/01/39	4/24 at 100.00	BBB-	5,025,200
	Illinois State, General Obligation Bonds, February Series 2014:			
2,010	5.250%, 2/01/30	2/24 at 100.00	BBB-	2,072,109
3,435	5.250%, 2/01/33	2/24 at 100.00	BBB-	3,518,505
3,745	5.250%, 2/01/34	2/24 at 100.00	BBB-	3,832,259
6,000	5.000%, 2/01/39	2/24 at 100.00	BBB-	6,029,280
8,565	5.000%, 6/01/26	No Opt. Call	BBB-	8,928,756
	Illinois State, General Obligation Bonds, November Series 2016:	11/07		
3,100	5.000%, 11/01/35	11/26 at 100.00	BBB-	3,171,083
3,000	5.000%, 11/01/37	11/26 at 100.00	BBB-	3,062,460
2,400	5.000%, 11/01/40	11/26 at 100.00	BBB-	2,438,184
5,795	Illinois State, General Obligation Bonds, November Series 2017D, 5.000%, 11/01/28	11/27 at 100.00	BBB-	6,016,949
4,900	Illinois State, General Obligation Bonds, October Series 2016, 5.000%, 2/01/26	No Opt. Call	BBB-	5,107,270
27,215	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	BBB-	28,037,709
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-	7,906,125
71				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
, ,	Illinois (continued)	` ,	` /	
\$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-	53,040,418
560	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 2015-XF0051, 12.874%, 1/01/38, 144A (IF)	1/23 at 100.00	AA-	762,854
2,500	Kane & DeKalb Counties Community Unit School District 301, Illinois, General Obligation Bonds, Series 2006, 0.000%, 12/01/23 NPFG Insured	No Opt. Call	Aa2	2,090,650
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	A2	10,272,017
	Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B			
1,160	6.250%, 2/01/21 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	1,245,643
85	6.250%, 2/01/21 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	91,276
	McHenry and Kane Counties Community Consolidated School District 158, Huntley, Illinois, General Obligation Bonds, Series 2003:			
570	0.000%, 1/01/21 – NPFG Insured	No Opt. Call	N/R	525,569
745	0.000%, 1/01/21 (ETM)	No Opt. Call	N/R (4)	702,446
	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A	:		
930	6.000%, 2/01/24 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	994,691
70	6.000%, 2/01/24 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	74,869
960	6.000%, 2/01/25 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	1,026,778
70	6.000%, 2/01/25 (Pre-refunded 2/01/20) – AGM Insured	2/20 at 100.00	Aa3 (4)	74,869
13,785	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2012A, 5.000%, 6/15/42 – NPFG Insured	6/22 at 100.00	BB+	14,150,303
2,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2012B, 5.000%,	6/22 at 100.00	BB+	2,556,775

5,400	6/15/52 Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2015B, 5.000%, 6/15/52 Metropolitan Pier and Exposition Authority, Illinois, McCormick	12/25 at 100.00	BB+	5,568,750
	Place Expansion Project Bonds, Series 2015A:			
23,110	0.000%, 12/15/52	No Opt. Call	BB+	3,753,064
2,455	5.000%, 6/15/53	12/25 at 100.00	BB+	2,530,123
6,000	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Series 2017A, 5.000%, 6/15/57 Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A:	12/27 at 100.00	BB+	6,294,000
9,080	5.500%, 6/15/50	6/20 at 100.00	BB+	9,298,011
2,920	5.500%, 6/15/50 (Pre-refunded 6/15/20)	6/20 at 100.00	BBB- (4)	3,130,357
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 Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 1998A:	No Opt. Call	BBB-	13,906,350
2,680	5.500%, 6/15/29 – NPFG Insured	No Opt. Call	BB+	2,978,740
145	5.500%, 6/15/29 (Pre-refunded 6/15/25) – NPFG Insured	6/25 at 100.00	Baa2 (4)	171,045
1,040	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 2002B., 5.550%, 6/15/21	No Opt. Call	BB+	1,052,730
10,960	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Refunding Series 2010B-2, 5.250%, 6/15/50	6/20 at 100.00	BB+	11,168,240
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	Baa2	1,044,527
72				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(000)	Illinois (continued) Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:			
\$7,305	5.700%, 6/15/24	No Opt. Call	BB+ \$	88,122,283
2,195	5.700%, 6/15/24 (Pre-refunded 6/15/22)	6/22 at 101.00	N/R (4)	2,515,031
8,400	0.000%, 12/15/30 – NPFG Insured	No Opt. Call	BB+	4,743,480
7,940	0.000%, 6/15/33 – NPFG Insured	No Opt. Call	BB+	3,910,291
21,915	0.000%, 6/15/34 – NPFG Insured	No Opt. Call	BB+	10,153,877
450	0.000%, 12/15/34 – NPFG Insured	No Opt. Call	BB+	203,580
12,500	0.000%, 6/15/35 – NPFG Insured	No Opt. Call	BB+	5,484,875
10,620	0.000%, 12/15/35 – NPFG Insured	No Opt. Call	BB+	4,549,183
45,350	0.000%, 12/15/36 – NPFG Insured	No Opt. Call	BB+	18,413,007
38,040	0.000%, 6/15/40 – NPFG Insured	No Opt. Call	BB+	12,677,210
3,720	0.000%, 6/15/41 – NPFG Insured	No Opt.	BB+	1,169,047
	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	528,178
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	438,792
780	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010, 5.250%, 6/01/21	No Opt. Call	A	845,614
2,695	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	A2	2,899,335
10,000	Sales Tax Securitization Corporation, Illinois, Sales Tax Securitization Bonds, Series 2018A., 5.000%, 1/01/38	1/28 at 100.00	AA	11,116,400
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	В	3,843,155
1,580	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/32	10/23 at 100.00	Baa1	1,784,025
11,350	Will County Community High School District 210 Lincoln-Way, Illinois, General Obligation Bonds, Series 2006, 0.000%, 1/01/24	No Opt.	A2	9,150,257

,	Total Illinois Indiana – 4.4% (2.8% of Total Investments) Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			652,891,366
1,950	0.000%, 2/01/24	Call	Aa3	1,662,005
2,705	0.000% 7/01/75	No Opt. Call	Aa3	2,233,329
4,400	Crown Point Multi-School Building Corporation, Indiana, First Mortgage Bonds, Crown Point Community School Corporation, Series 2000, 0.000%, 1/15/24 – NPFG Insured	No Opt. Call	Baa2	3,775,992
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-	733,591
1,050	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	В	1,061,970
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	В	534,368
1,230	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	8/22 at 100.00	В	1,239,077
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	Aa3	10,979,760
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 (Pre-refunded 11/01/19)	11/19 at 100.00	Aa3 (4)	4,682,044
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	1,953,485
1,500	Indiana Finance Authority, Hospital Revenue Bonds, Floyd Memorial Hospital and Health Services Project, Refunding Series 2010, 5.125%, 3/01/30 (Pre-refunded 3/02/20)	3/20 at 100.00	N/R (4)	1,584,210
73				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
` ,	Indiana (continued)	` '	` '	
\$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 S	\$1,892,231
9,300	Indiana Finance Authority, Hospital Revenue Bonds, Major Hospital Project, Series 2014A, 5.000%, 10/01/44 Indiana Finance Authority, Private Activity Bonds, Ohio River Bridges East End Crossing Project, Series 2013A:	10/23 at 100.00	Baa2	9,683,997
5,380	5.000%, 7/01/44 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	5,737,017
5,100	5.000%, 7/01/48 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	5,423,595
5,370	5.250%, 1/01/51 (Alternative Minimum Tax)	7/23 at 100.00	BBB+	5,765,554
6,730	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2009A, 5.250%, 12/01/38 (Pre-refunded 12/01/19)	12/19 at 100.00	AA- (4)	7,079,287
6,700	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2011B, 5.000%, 10/01/41	10/21 at 100.00	A3	7,215,096
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	A	14,466,270
10,000	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/26 – AMBAC Insured	No Opt. Call	A	7,976,300
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	944,440
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	1,406,063
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	975,233
97,850	Total Indiana			99,004,914
	Iowa – 1.7% (1.0% of Total Investments) Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013:			
7,055	5.500%, 12/01/22	12/18 at 100.00	В-	7,158,850
1,255	5.250%, 12/01/25	12/23 at 100.00	В-	1,337,253
1,470			В-	1,565,138

	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2016, 5.875%, 12/01/27, 144A	6/19 at 105.00		
1,710	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2018A., 5.250%, 12/01/50	12/22 at 103.00	В	1,796,697
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	1,742,128
1,900	Iowa Higher Education Loan Authority, Private College Facility Revenue Bonds, Upper Iowa University Project, Series 2012, 5.000%, 9/01/43 (Pre-refunded 9/01/23)	9/23 at 100.00	N/R (4)	2,154,904
2,000	Iowa Student Loan Liquidity Corporation, Student Loan Revenue Bonds, Refunding Series 2009-2, 5.500%, 12/01/25 Iowa Tobacco Settlement Authority, Asset Backed Settlement	12/19 at 100.00	A	2,085,400
	Revenue Bonds, Series 2005C:			
6,425	5.375%, 6/01/38	7/18 at 100.00	B2	6,440,741
525	5.500%, 6/01/42	7/18 at 100.00	B2	527,079
5,045	5.625%, 6/01/46	7/18 at 100.00	В	5,071,133
6,590	Iowa Tobacco Settlement Authority, Tobacco Asset-Backed Revenue Bonds, Series 2005B, 5.600%, 6/01/34	7/18 at 100.00	B2	6,658,075
35,605	Total Iowa			36,537,398
	Kansas – 0.6% (0.4% of Total Investments)			
	Johnson and Miami Counties Unified School District 230, Kansas,			
	General Obligation Bonds, Series 2011A:			
2,000	5.000%, 9/01/26	9/21 at 100.00	Aa3	2,172,120
1,000	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,086,060
74				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
()	Kansas (continued)		ζ- /	
\$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	\$2,203,740
1,485	Kansas State Power Pool, Electric Utility Revenue Bonds, Dogwood Energy Facility, Series 2012A, 5.000%, 12/01/31 (Pre-refunded 12/01/20)	12/20 at 100.00	A3 (4)	1,594,148
2,035	Overland Park Development Corporation, Kansas, First Tier Revenue Bonds, Overland Park Convention Center, Series 2007A, 5.125%, 1/01/22 – AMBAC Insured	7/18 at 100.00	Ba2	2,038,134
465	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	481,884
	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Bonds, Vacation Village Project Area 1 and 2A, Series 2015:			
1,695	5.750%, 9/01/32	9/25 at 100.00	N/R	1,798,717
1,725	6.000%, 9/01/35	9/25 at 100.00	N/R	1,831,812
12,405	Total Kansas	100.00		13,206,615
	Kentucky – 2.1% (1.3% of Total Investments) Christian County, Kentucky, Hospital Revenue Bonds, Jennie Stuart Medical Center, Series 2016:			
5,000	5.375%, 2/01/36	2/26 at 100.00	BB+	5,357,450
435	5.500%, 2/01/44	2/26 at 100.00	BB+	464,915
	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Baptist Healthcare System Obligated Group, Series 2009A:	100.00		
750	5.375%, 8/15/24	8/18 at 100.00	Baa2	756,480
750	5.375%, 8/15/24 (Pre-refunded 8/15/18)	8/18 at 100.00	N/R (4)	757,433
1,000	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Owensboro Medical Health System, Series 2010A 6.000%, 6/01/30 (Pre-refunded 6/01/20)	6/20 at '100.00	BB+ (4)	1,079,820
6,015	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Owensboro Medical Health System, Series 2010B, 6.375%, 3/01/40 (Pre-refunded 6/01/20)	6/20 at 100.00	BB+ (4)	6,540,831
	Kentucky Economic Development Finance Authority, Kentucky, Healthcare Facilities Revenue Bonds, Rosedale Green Project,			
500	Refunding Series 2015: 5.750%, 11/15/45		N/R	505,770

		11/25 at 100.00		
2,250	5.750%, 11/15/50	11/25 at 100.00	N/R	2,269,080
	Kentucky Economic Development Finance Authority, Louisville Arena Project Revenue Bonds, Louisville Arena Authority, Inc., Series 2008-A1:			
1,000	6.000%, 12/01/33 (Pre-refunded 6/01/18) – AGC Insured	6/18 at 100.00	A3 (4)	1,003,460
1,000	6.000%, 12/01/38 (Pre-refunded 6/01/18) – AGC Insured	6/18 at 100.00	A3 (4)	1,003,460
1,100	6.000%, 12/01/42 (Pre-refunded 6/01/18) – AGC Insured	6/18 at 100.00	A3 (4)	1,103,806
	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	Baa2	2,249,813
2,940	5.000%, 1/01/45	7/25 at 100.00	Baa2	3,097,878
	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 (7)	7/31 at 100.00	Baa3	1,237,946
2,295	0.000%, 7/01/46 (7)	7/31 at 100.00	Baa3	2,136,232
	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	3,374,140
615	6.000%, 7/01/53	7/23 at 100.00	Baa3	681,660
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	A	5,832,540
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	5,476,050
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+	221,843
42,810 75	Total Kentucky			45,150,607

Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
\$2,000	Louisiana – 2.1% (1.3% of Total Investments) 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		\$2,039,540
7,310	Louisiana Public Facilities Authority, Dock and Wharf Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.500%, 7/01/36, 144A (Alternative Minimum Tax) Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Refunding Series 2015A:	7/23 at 100.00	N/R	8,104,158
1,450	5.000%, 7/01/39	7/25 at 100.00	A	1,586,692
10	5.000%, 7/01/39 (Pre-refunded 7/01/25)	7/25 at 100.00	N/R (4)	11,644
16,190	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Refunding Series 2017, 5.000%, 5/15/46	5/27 at 5100.00	A3	17,650,986
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	A3 (4)	5,004,764
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	1,110,626
2,235	Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A, 5.000%, 7/01/36	7/23 at 100.00	A2	2,460,757
5,100	New Orleans Aviation Board, Louisiana, General Airport Revenue Bonds, North Terminal Project, Series 2015B, 5.000%, 1/01/45 (Alternative Minimum Tax)	1/25 at 100.00	A–	5,500,656
2,560	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 5.000%, 6/01/44	6/24 at 100.00	A-	2,781,747
42,340	Total Louisiana Maine – 0.4% (0.3% of Total Investments) Maine Health and Higher Educational Facilities Authority Revenue			46,251,570
4,965	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:	7/26 at 100.00	Ba1	5,098,608
2,000	6.750%, 7/01/36	7/21 at 100.00	Ba3	2,169,220
1,050	6.750%, 7/01/41	7/21 at 100.00	Ba3	1,135,586

1,250	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A1	1,312,150
9,265	Total Maine			9,715,564
	Maryland – 0.6% (0.3% of Total Investments)			
	Maryland Economic Development Corporation, Revenue Bonds,	7/18 at		
2,000	Chesapeake Bay Hyatt Conference Center, Series 2006A, 5.000%, 12/01/31 (8)	100.00	N/R	1,200,000
	Maryland Health and Higher Educational Facilities Authority,	1/27 at		
7,145	Revenue Bonds, Adventist Healthcare, Series 2016A, 5.500%, 1/01/46	100.00	Baa3	7,933,879
	Maryland Health and Higher Educational Facilities Authority,	6/18 at		
555	Revenue Bonds, Mercy Ridge Retirement Community, Series 2007	'100.00	A-	555,605
	4.750%, 7/01/34	100.00		
• 000	Maryland Health and Higher Educational Facilities Authority,	7/24 at		2 4 4 2 4 2 2
2,000	Revenue Bonds, Peninsula Regional Medical Center Issue,	100.00	A3	2,143,180
	Refunding Series 2015, 5.000%, 7/01/45			
355	Prince George's County Revenue Authority, Maryland, Special	1/26 at	N/R	240 120
333	Obligation Bonds, Suitland-Naylor Road Project, Series 2016, 5.000%, 7/01/46	100.00	IV/K	348,138
12,055	Total Maryland			12,180,802
12,033	Massachusetts – 3.9% (2.4% of Total Investments)			12,100,002
	Massachusetts State, General Obligation Bonds, Consolidated	5/28 at		
22,000	Loan, Series 2018D, 4.000%, 5/01/42	100.00	AA	22,602,800
	Massachusetts Department of Transportation, Metropolitan	1/20 -4		
8,825	Highway System Revenue Bonds, Refunding Senior Lien Series	1/20 at 100.00	A3	9,214,447
	2010B, 5.000%, 1/01/32	100.00		
	Massachusetts Development Finance Agency, Revenue Bonds,	7/25 at		
475	Boston Medical Center Issue, Green Bonds, Series 2015D, 5.000%,	100.00	BBB	509,813
	7/01/44			
1,525	Massachusetts Development Finance Agency, Revenue Bonds,	1/25 at	Baa2	1,559,282
	Emerson College, Series 2015, 4.500%, 1/01/45	100.00		, , , -
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Massachusetts (continued)			
\$2,375	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/18 at 100.00	N/R	\$2,379,869
29,190	Massachusetts Educational Financing Authority, Education Loan Revenue Bonds, Series 2016J, 3.500%, 7/01/33 (Alternative Minimum Tax)	7/24 at 100.00	A	28,615,833
1,500	Massachusetts Health and Education Facilities Authority, Revenue Bonds, Partners HealthCare System, Series 2010J-1, 5.000%, 7/01/39 (Pre-refunded 7/01/19)	7/19 at 100.00	AA- (4)	1,553,235
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)	623,429
	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Suffolk University, Refunding Series 2009A:			
1,940	5.750%, 7/01/39	7/19 at 100.00	Baa2	2,006,581
3,860	5.750%, 7/01/39 (Pre-refunded 7/01/19)	7/19 at 100.00	N/R (4)	4,032,426
400	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A3	429,212
4,560	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Senior Series 2013A, 5.000%, 5/15/43	5/23 at 100.00	Aa2	5,016,866
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+	7,669,716
84,445	Total Massachusetts			86,213,509
	Michigan – 2.8% (1.7% of Total Investments)			
	Detroit Academy of Arts and Sciences, Michigan, Public School Academy Revenue Bonds, Refunding Series 2013:			
955	6.000%, 10/01/33	10/23 at 100.00	N/R	916,953
1,250	6.000%, 10/01/43	10/23 at 100.00	N/R	1,139,088
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	AA	17,803,800
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-	2,065,119
5	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 4.500%, 7/01/35 – NPFG Insured	7/18 at 100.00	BBB+	5,007
3,000	Detroit, Michigan, Senior Lien Sewerage Disposal System Revenue Bonds, Series 2001B, 5.500%, 7/01/29 – FGIC Insured	No Opt. Call	BBB+	3,490,020
5	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 5.000%, 7/01/36 – FGIC Insured	7/18 at 100.00	BBB+	5,011

2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	A-	2,148,560
2,000	Grand Traverse County Hospital Financial Authority, Michigan, Revenue Bonds, Munson Healthcare, Series 2014A, 5.000%, 7/01/47	7/24 at 100.00	A1	2,142,040
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 (Pre-refunded 6/01/20) – AGM Insured Kalamazoo Hospital Finance Authority, Michigan, Hospital Revenue Bonds, Bronson Methodist Hospital, Refunding Series 2010:	6/20 at 100.00	AA (4)	1,592,490
3,080	5.500%, 5/15/36	5/20 at 100.00	A2	3,246,566
3,800	5.500%, 5/15/36 (Pre-refunded 5/15/20)	5/20 at 100.00	N/R (4)	4,059,312
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-	3,920,637
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 Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011;	7/24 at 100.00	BBB+	1,085,360
4,980	5.000%, 12/01/39	12/21 at	AA-	5,394,884
20	5.000%, 12/01/39 (Pre-refunded 12/01/21)	100.00 12/21 at 100.00	N/R (4)	21,939
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Michigan (continued)			
\$2,500	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2009-I, 5.000%, 10/15/23 – AGC Insure	10/19 at d100.00	AA-	\$2,609,400
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	A+	2,466,585
3,220	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39 (Pre-refunded 11/15/19)	11/19 at 100.00	A3 (4)	3,404,764
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	1,532,122
2,000	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2012A, 5.000%, 12/01/37	12/22 at 100.00	A	2,175,320
55,600	Total Michigan			61,224,977
	Minnesota – 1.2% (0.7% of Total Investments)			
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	701,351
1,930	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)	10/18 at 100.00	Aa1	1,933,667
1,000	Duluth Housing & Redevelopment Authority, Minnesota, Lease Revenue Bonds, Duluth Public Schools Academy, Series 2010A, 5.875%, 11/01/40	11/18 at 102.00	BB+	1,025,650
1,500	Forest Lake, Minnesota, Charter School Lease Revenue Bonds, Lakes International Language Academy, Series 2014A, 5.750%, 8/01/44	8/22 at 102.00	BB+	1,593,465
795	Minneapolis, Minnesota, Charter School Lease Revenue Bonds, Hiawatha Academies Project, Series 2016A, 5.000%, 7/01/36 Minneapolis, Minnesota, Health Care System Revenue Bonds, Fairview Health Services, Series 2008B:	7/24 at 102.00	N/R	797,600
4,230	6.500%, 11/15/38 – AGC Insured	11/18 at 100.00	A2	4,335,792
770	6.500%, 11/15/38 (Pre-refunded 11/15/18) – AGC Insured	11/18 at 100.00	A2 (4)	789,427
	Saint Paul Housing & Redevelopment Authority, Minnesota, Charter School Lease Revenue Bonds, Hmong College Prep Academy Project, Series 2016A:			
750	5.750%, 9/01/46		BB+	791,018

4,000	6.000%, 9/01/51	9/26 at 100.00 9/26 at 100.00	BB+	4,258,280
5,265	Saint Paul Housing and Redevelopment Authority, Minnesota, Health Care Facility Revenue Bonds, HealthPartners Obligated Group, Refunding Series 2015A, 5.000%, 7/01/33	7/25 at 100.00	A2	5,860,103
4,250	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	7/18 at 100.00	N/R	4,256,970
25,190	Total Minnesota			26,343,323
	Mississippi – 0.3% (0.2% of Total Investments)			
620	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/18 at 100.00	Baa3	621,352
5,215	Mississippi State, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA	5,327,383
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	1,016,800
6,835	Total Mississippi			6,965,535
	Missouri – 2.1% (1.3% of Total Investments)			
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	Aa2	1,538,614
1,190	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeasthealth, Series 2016A, 6.000%, 3/01/33	3/23 at 103.00	BBB-	1,351,293
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A-	1,032,590
78				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$135	Missouri (continued) 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, 144A	4/26 at 100.00		\$136,666
12,005	Kansas City Municipal Assistance Corporation, Missouri, Leasehold Revenue Bonds, Series 2004B-1, 0.000%, 4/15/29 – AMBAC Insured	l No Opt. Call	A1	8,253,798
650	Land Clearance for Redevelopment Authority of Kansas City, Missouri, Project Revenue Bonds, Convention Center Hotel Project TIF Financing, Series 2018B., 5.000%, 2/01/40, 144A	2/28 at 100.00	N/R	667,108
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	4/22 at 100.00	AA-	1,083,700
	Districts Bonds, Liberty Commons Project, Series 2015A:			
1,560	5.125%, 6/01/25, 144A	No Opt.	N/R	1,542,169
3,810	5.750%, 6/01/35, 144A	6/25 at 100.00	N/R	3,716,807
3,695	6.000%, 6/01/46, 144A	6/25 at 100.00	N/R	3,621,100
	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Kansas City University of Medicine and Biosciences, Series 2013A:			
1,590	5.000%, 6/01/30	6/23 at 100.00	A1	1,749,795
2,700	5.000%, 6/01/33	6/23 at 100.00	A1	2,960,658
665	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.250%, 5/01/33	5/23 at 100.00	BBB	724,797
505	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, University of Central Missouri, Series 2013C-2, 5.000%, 10/01/34 Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, CoxHealth, Series 2013A:	10/23 at 100.00	A+	555,909
50	5.000%, 11/15/44	11/23 at 100.00	A2	53,433
6,930	5.000%, 11/15/48	11/23 at 100.00	A2	7,380,727
2,000	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Mercy Health, Series 2014F, 5.000%, 11/15/45	11/24 at 100.00	AA-	2,189,780
2,500			AA+	2,717,300

	Missouri Health and Educational Facilities Authority, Revenue Bonds, Washington University, Series 2011B, 5.000%, 11/15/37 Saint Louis County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Ranken-Jordan Project, Refunding & Improvement Series 2016:	11/21 at 100.00		
1,275	5.000%, 11/15/41	11/25 at 100.00	N/R	1,307,959
1,105	5.000%, 11/15/46	11/25 at 100.00	N/R	1,129,332
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	BBB+	487,065
	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	471,663
130	5.125%, 12/01/45	12/25 at 100.00	N/R	136,100
965	Stoddard County Industrial Development Authority, Missouri, Health Facility Revenue Bonds, Southeasthealth, Series 2016B, 6.000%, 3/01/37	3/23 at 103.00	BBB-	1,089,311
700	The Industrial Development Authority of the City of Saint Louis, Missouri, Development Financing Revenue Bonds, Ballpark Village Development Project, Series 2017A, 4.750%, 11/15/47	11/26 at 100.00	N/R	713,272
48,440	Total Missouri Nebraska – 0.4% (0.3% of Total Investments)			46,610,946
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-	630,559
	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+	2,115,956
3,000	5.000%, 5/15/36	5/24 at 100.00	BBB+	3,199,170
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Nebraska (continued) 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-	\$706,661
2,110	5.000%, 11/01/48	11/25 at 100.00	A-	2,285,299
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	11/21 at 100.00	A-	526,000
8,770	Total Nebraska Nevada – 2.7% (1.7% of Total Investments)			9,463,645
29,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	30,784,950
6,000	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+	6,302,220
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)	1,812,880
10,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2011C, 5.000%, 6/01/38	6/21 at 100.00	AA+	10,718,200
4,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2015, 5.000%, 6/01/39	12/24 at 100.00	AA+	4,459,240
5,000	North Las Vegas, Nevada, General Obligation Bonds, Series 2006, 5.000%, 5/01/36 – NPFG Insured	7/18 at 100.00	ВВ	5,004,450
55,700	Total Nevada			59,081,940
1,500	New Hampshire – 0.1% (0.0% of Total Investments) New Hampshire Business Finance Authority, Revenue Bonds, Elliot Hospital Obligated Group Issue, Series 2009A, 6.125%, 10/01/39 (Pre-refunded 10/01/19)	10/19 at 100.00	BBB (4)	1,587,315
615	New Jersey – 4.0% (2.5% of Total Investments) 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.	Ba1	662,041
1,100	New Jersey Economic Development Authority, Private Activity Bonds, The Goethals Bridge Replacement Project, Series 2013, 5 125%, 7/01/42, ACM Insured (Alternative Minimum Tox)	1/24 at 100.00	BBB	1,202,883
17,580	5.125%, 7/01/42 – AGM Insured (Alternative Minimum Tax)		BBB+	19,882,628

	New Jersey Economic Development Authority, School Facilities Construction Bonds, Refunding Series 2016BBB, 5.500%, 6/15/31 New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2016AAA:	12/26 at 100.00		
1,000	5.000%, 6/15/36	12/26 at 100.00	BBB+	1,063,260
10,000	5.000%, 6/15/41	12/26 at 100.00	BBB+	10,602,800
2,000	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2017DDD, 5.000%, 6/15/35	6/27 at 100.00	BBB+	2,137,280
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	BBB+	3,204,056
	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 (Pre-refunded 6/01/20)	6/20 at 100.00	Aaa	899,195
3,000	5.875%, 6/01/42 (Pre-refunded 6/01/20)	6/20 at 100.00	Aaa	3,238,260
1,120	New Jersey Educational Facilities Authority, Revenue Bonds, Seton Hall University, Series 2013D, 5.000%, 7/01/33	100.00	A-	1,238,798
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+	639,702
405	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, University Hospital Issue, Refunding Series 2015A, 5.000%, 7/01/46 – AGM Insured	7/25 at 100.00	BBB	442,912
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	New Jersey (continued) New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A:			
\$3,130	0.000%, 12/15/28	No Opt. Call	BBB+ \$	51,963,418
3,000	0.000%, 12/15/31	No Opt. Call		1,612,650
12,715	0.000%, 12/15/33	No Opt. Call		6,116,932
610	0.000%, 12/15/34	No Opt. Call		276,861
2,480	0.000%, 12/15/40	No Opt. Call	BBB+	822,368
10,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006C, 0.000%, 12/15/34 – AGM	No Ont Call	A_	4,938,900
10,000	Insured	Tto Opt. Cull	11	1,230,200
19,175	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2008A, 0.000%, 12/15/35	No Opt. Call	BBB+	8,270,561
15,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2009A, 0.000%, 12/15/39	No Opt. Call	BBB+	5,244,900
5,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2009C, 5.250%, 6/15/32	12/24 at 100.00	BBB+	5,384,200
6,305	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA, 5.000%, 6/15/45	6/25 at 100.00	BBB+	6,612,306
1,595	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2018B, 5.000%, 6/01/46	6/28 at 100.00	BBB	1,677,493
120,315	Total New Jersey New Mexico – 0.3% (0.2% of Total Investments)			88,134,404
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	1,574,250
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, 144A	5/20 at 103.00	N/R	4,217,871
5,680	Total New Mexico			5,792,121
	New York – 18.0% (11.2% of Total Investments)			
1,755	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32	7/18 at 100.00	В	1,584,765
	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project Series 2009:	,		
3,400 12,020	0.000%, 7/15/44 0.000%, 7/15/46 Brooklyn Arena Local Development Corporation, New York,	No Opt. Call No Opt. Call		1,132,472 3,661,052
	Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project Series 2009:			
3,220	6.000%, 7/15/30 (Pre-refunded 1/15/20)			3,441,761

Buffalo and Eric County Industrial Land Development Corporation, 7/25 at New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 5.250%, 7/01/35		3,065	6.250%, 7/15/40 (Pre-refunded 1/15/20)	100.00 1/20 at	AA+ (4) AA+ (4)	3,288,868
Build New York City Resource Corporation, New York, Revenue Bonds, Metropolitan College of New York, Series 2014, 5.000%, 11/01/39 3,170 Dormitory Authority of the State of New York, Revenue Bonds, New School University, Series 2015A, 5.000%, 7/01/50 Dormitory Authority of the State of New York, Revenue Bonds, New School University, Series 2015A, 5.000%, 7/01/50 Dormitory Authority of the State of New York, Revenue Bonds, 15,270 Vaughn College of Aeronautics & Technology, Series 2016A, 5.500%, 12/01/46, 144A Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41 Dormitory Authority of the State of New York, State Sales Tax Revenue Bonds, Series 2018A.: 13,505 5.000%, 3/15/43 10,000 5.000%, 3/15/45 Erie County Tobacco Asset Securitization Corporation, New York, Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47 BB 11/24 at 100.00 A 3,462,559 BB 12/26 at 100.00 BB 12/26 at		450	New York, Revenue Bonds,		BBB	494,114
Bonds, Metropolitan College of New York, Series 2014, 5.000%, 11/24 at 100.00 BB 202,322						
New School University, Series 2015A, 5.000%, 7/01/50 100.00 A- 3,462,559 15,270 Dormitory Authority of the State of New York, Revenue Bonds, Vaughn College of Aeronautics & Technology, Series 2016A, 5.500%, 12/01/46, 144A Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41 Dormitory Authority of the State of New York, State Sales Tax Revenue Bonds, Series 2018A.: 13,505 5.000%, 3/15/43 3/28 at 100.00 Aa1 15,510,898 10,000 5.000%, 3/15/45 3/28 at 100.00 AAA 11,467,100 Erie County Tobacco Asset Securitization Corporation, New York, 7/18 at 100.00 N/R 9,453,528 69,130 Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47		200	Bonds, Metropolitan College of New York, Series 2014, 5.000%,		ВВ	202,322
15,270 Vaughn College of Aeronautics & Technology, Series 2016A, 5.500%, 12/01/46, 144A Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41 Dormitory Authority of the State of New York, State Sales Tax Revenue Bonds, Series 2018A.: 13,505 5.000%, 3/15/43 3/28 at 100.00 Aa1 15,510,898 10,000 5.000%, 3/15/45 3/28 at 100.00 AAA 11,467,100 Erie County Tobacco Asset Securitization Corporation, New York, 7/18 at 100.00 N/R 9,453,528 69,130 Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47		3,170			A–	3,462,559
4,675 Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41 Dormitory Authority of the State of New York, State Sales Tax Revenue Bonds, Series 2018A.: 13,505 5.000%, 3/15/43 3/28 at 100.00 5.000%, 3/15/45 3/28 at 100.00 Erie County Tobacco Asset Securitization Corporation, New York, 7/18 at 100.00 N/R 9,453,528 2005B, 0.000%, 6/01/47		15,270	Vaughn College of Aeronautics & Technology, Series 2016A,		BB-	14,572,161
Revenue Bonds, Series 2018A.: 13,505 5.000%, 3/15/43 3/28 at 100.00 10,000 5.000%, 3/15/45 3/28 at 100.00 Erie County Tobacco Asset Securitization Corporation, New York, 7/18 at 100.00 Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47 N/R 9,453,528		4,675	Income Tax Revenue Bonds, General Purpose Series 2011C,		Aal	5,009,964
10,000 5.000%, 3/15/45 100.00 3/28 at 100.00 AAA 11,467,100 Erie County Tobacco Asset Securitization Corporation, New York, Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47 N/R 9,453,528			· · · · · · · · · · · · · · · · · · ·			
Erie County Tobacco Asset Securitization Corporation, New York, Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 2005B, 0.000%, 6/01/47 AAA 11,467,100 N/R 9,453,528		13,505	5 000% 3/15/43		Aa1	15,510,898
69,130 Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series 7/18 at 100.00 N/R 9,453,528 2005B, 0.000%, 6/01/47		10,000	5 000% 3/15/45		AAA	11,467,100
81		69,130	Tobacco Settlement Asset-Backed Bonds, 1st Subordinate Series		N/R	9,453,528
	8	31				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$81,270	New York (continued) 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:	7/18 at 100.00	N/R S	\$7,681,640
5,890	5.250%, 2/15/47	2/21 at 100.00	AA-	6,260,893
270	5.250%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	293,733
	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A:			
800	5.750%, 2/15/47	2/21 at 100.00	AA-	865,472
1,300	5.750%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	1,431,794
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-	3,294,480
1,200	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2011A, 5.000%, 5/01/36 (Pre-refunded 5/01/21) – AGM Insured	5/21 at 100.00	A- (4)	1,304,220
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-	6,532,020
1,070	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34 (Pre-refunded 11/15/19)	11/19 at 100.00	AA (4)	1,121,970
	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2011A:			
285	5.000%, 11/15/41 (Pre-refunded 11/15/21)	11/21 at 100.00	N/R (4)	314,047
465	5.000%, 11/15/41	11/21 at 100.00	A+	512,393
2,500	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2013A, 5.000%, 11/15/38	5/23 at 100.00	A+	2,732,075
16,290	New York City Industrial Development Agency, New York, PILOT Revenue Bonds, Queens Baseball Stadium Project, Series 2006, 5.000%, 1/01/46 – AMBAC Insured	7/18 at 100.00	Baa3	16,524,902
4,375			AA+	4,735,894

	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation	12/20 at 100.00		
3,750	Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43 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+	3,821,288
10,045	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2018 Series AA, 5.000%, 6/15/38	6/27 at 100.00	AA+	11,507,753
12,275	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2018 Series CC-1., 5.000%, 6/15/48	6/27 at 100.00	AA+	13,958,148
5,625	New York City Transitional Finance Authority, New York, Building Aid Revenue Bonds, Fiscal 2018, Series 2017S-3, 5.250%, 7/15/45	7/28 at 100.00	AA	6,616,406
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	Aal	11,048,800
5,000	New York City, New York, General Obligation Bonds, Fiscal 2018 Series B-1, 5.000%, 10/01/38	10/27 at 100.00	AA	5,717,700
10	New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.625%, 8/01/20 – NPFG Insured	7/18 at 100.00	AA	10,033
67,290	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44, 144A	11/24 at '100.00	N/R	70,809,267
	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011:			
1,870	5.000%, 11/15/44	11/21 at 100.00	A	2,012,139
2,000	5.750%, 11/15/51	11/21 at 100.00	A	2,218,660
3,000	New York State Power Authority, General Revenue Bonds, Series 2011A, 5.000%, 11/15/38	11/21 at 100.00	AA	3,272,490
5,000	New York State Thruway Authority, General Revenue Junior Indebtedness Obligations, Series 2016A, 5.000%, 1/01/51 New York Transportation Development Corporation, New York, Special Facility Revenue Bonds, American Airlines, Inc. John F	1/26 at 100.00	A-	5,532,000
3,500	Kennedy International Airport Project, Refunding Series 2016: 5.000%, 8/01/26 (Alternative Minimum Tax)	8/21 at	BB-	3,697,085
		100.00 8/21 at		
15,265 82	5.000%, 8/01/31 (Alternative Minimum Tax)	100.00	BB-	16,018,633

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$2,745	New York (continued) New York Transportation Development Corporation, New York, Special Facility Revenue Bonds, Delta Air Lines, Inc. – LaGuardia Airport Terminals C&D Redevelopment Project, Series 2018, 5.000%, 1/01/36 (WI/DD, Settling 5/03/18) (Alternative Minimum Tax) New York Transportation Development Corporation, Special Facilities Bonds, LaGuardia Airport Terminal B Redevelopment	1/28 at 100.00		53,032,511
	Project, Series 2016A:	7.04		
10,680	5.000%, 7/01/41 (Alternative Minimum Tax)	7/24 at 100.00	Baa3	11,475,019
21,810	5.000%, 7/01/46 (Alternative Minimum Tax)	7/24 at 100.00	Baa3	23,371,378
24,150	5.250%, 1/01/50 (Alternative Minimum Tax)	7/24 at 100.00	Baa3	26,153,484
10,000	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, Two Hundredth Series 2017, 5.250%, 10/15/57 Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series	4/27 at 100.00	AA-	11,434,100
	2010:			
6,065	6.500%, 12/01/28	7/18 at 100.00	BBB	6,372,799
3,430	6.000%, 12/01/36	12/20 at 100.00	BBB	3,758,800
795	6.000%, 12/01/42	12/20 at 100.00	BBB	869,945
20,000	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, MTA Bridges & Tunnels, Series 2017C-2 5.000%, 11/15/42	11/27 at '100.00	AA-	22,903,000
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-	2,751,700
511,380	Total New York			395,250,235
3,500	North Carolina – 0.4% (0.3% of Total Investments) 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)	3,619,665
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	A2	3,619,506
1,900	North Carolina Turnpike Authority, Triangle Expressway System Revenue Bonds, Series 2009A, 5.750%, 1/01/39 (Pre-refunded 1/01/19) – AGC Insured	1/19 at 100.00	BBB- (4)	1,949,647
8,700	Total North Carolina North Dakota – 0.5% (0.3% of Total Investments)			9,188,818

	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)	1,084,780
	1,500	6.000%, 11/01/28	11/21 at 100.00	A+	1,696,800
	2,190	6.250%, 11/01/31	11/21 at 100.00	A+	2,486,986
		Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012:			
	3,000	5.000%, 12/01/29	12/21 at 100.00	Baa1	3,190,650
	1,875	5.000%, 12/01/32	12/21 at 100.00	Baa1	1,983,713
	9,565	Total North Dakota Ohio – 6.7% (4.2% of Total Investments)			10,442,929
	800	Allen County, Ohio, Hospital Facilities Revenue Bonds, Catholic Health Partners, Refunding and Improvement Series 2012A, 5.000%, 5/01/42 Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series	5/22 at 100.00	A2	854,872
		2007A-2:	6/18 at		
	685	5.375%, 6/01/24	100.00	Caa1	681,637
	500	5.125%, 6/01/24	6/18 at 100.00	Caa1	492,420
	16,555	5.875%, 6/01/30	6/18 at 100.00	Caa1	16,548,544
	20,485	5.750%, 6/01/34	6/18 at 100.00	Caa1	20,364,958
	5,240	6.000%, 6/01/42	6/18 at 100.00	В–	5,239,686
	44,590	6.500%, 6/01/47	6/18 at 100.00	В-	45,214,260
	17,550	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37	6/22 at 100.00	Caa1	17,942,067
8	33				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Ohio (continued) Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:			
\$2,000	5.250%, 11/01/29 (Pre-refunded 11/01/20)	11/20 at 100.00	A (4)	82,155,540
3,000	5.750%, 11/01/40 (Pre-refunded 11/01/20)	11/20 at 100.00	A (4)	3,269,640
3,040	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26	7/20 at 100.00	N/R	3,198,658
5,800	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	Aa2	6,210,524
4,615	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41 (Pre-refunded 11/15/21)	11/21 at 100.00	A+ (4)	5,215,181
1,000	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2008C, 3.950%, 11/01/32 (Mandatory put 5/01/20) (Alternative Minimum Tax) (8)	No Opt. Call	D	462,500
10	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, AK Steel Holding Corporation, Refunding Series 2012A, 6.750%, 6/01/24 (Alternative Minimum Tax)	2/22 at 100.00	В-	10,318
2,000	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.250%, 2/15/33	2/23 at 100.00	A+	2,211,360
330	Ohio Water Development Authority, Ohio, Environmental Improvement Bonds, United States Steel Corporation Project, Refunding Series 2011, 6.600%, 5/01/29	11/21 at 100.00	В	341,299
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) (8)	No Opt. Call	D	1,387,500
13,350	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2009A, 4.375%, 6/01/33 (Mandatory put 6/01/22) (8)	No Opt. Call	D	12,816,000
2,500	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2010B, 4.375%, 6/01/33 (Mandatory put 6/01/22) (8)	No Opt. Call	D	2,400,000

147,050	Total Ohio Oklahoma – 0.7% (0.4% of Total Investments)			147,016,964
	Fort Sill Apache Tribe of Oklahoma Economic Development			
2,000	Authority, Gaming Enterprise Revenue Bonds, Fort Sill Apache Casino, Series 2011A, 8.500%, 8/25/26, 144A	8/21 at 100.00	N/R	2,341,640
3,500	Grand River Dam Authority, Oklahoma, Revenue Bonds, Series 2010A, 5.250%, 6/01/40 (Pre-refunded 6/01/20)	6/20 at 100.00	A1 (4)	3,729,880
1,675	Oklahoma Development Finance Authority, Health System Revenue Bonds, Integris Baptist Medical Center, Series 2008B, 5.250%, 8/15/38 (Pre-refunded 8/15/18)	8/18 at 100.00	N/R (4)	1,691,985
4,150	Oklahoma Development Finance Authority, Health System Revenue Bonds, OU Medicine Project, Series 2018B., 5.500%, 8/15/52	8/28 at 100.00	BB+	4,644,431
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	Baa1	2,257,931
13,380	Total Oklahoma			14,665,867
,	Oregon – 0.1% (0.0% of Total Investments)			- 1,000,000
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	1,328,420
	Pennsylvania – 4.7% (2.9% of Total Investments) Allegheny Country Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009:			
120	6.750%, 11/01/24	11/19 at 100.00	В	123,097
95	6.875%, 5/01/30	11/19 at 100.00	В	96,908
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)	8/22 at 100.00	В	382,804
84				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$5,000	Pennsylvania (continued) Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, University of Pittsburgh Medical Center, Series	8/19 at 100.00		55,211,900
1,355	2009A, 5.625%, 8/15/39 Allentown Neighborhood Improvement Zone Development Authority, Pennsylvania, Tax Revenue Bonds, City Center Refunding Project, Series 2017, 5.000%, 5/01/42, 144A	5/27 at 100.00	Ba1	1,437,614
10,650	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2006A, 4.375%, 1/01/35 (Mandatory put 7/01/22) (8)	No Opt. Call	D	10,224,000
32,785	Beaver County Industrial Development Authority, Pennsylvania,	No Opt. tCall	D	15,163,063
2,950	Commonwealth Financing Authority, Pennsylvania, State Appropriation Lease Bonds, Master Settlement, Series 2018., 5.000%, 6/01/35	6/28 at 100.00	A	3,278,011
	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009:			
100	6.125%, 1/01/29	1/19 at 100.00	BBB+	102,321
900	6.125%, 1/01/29 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	925,425
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+	2,244,674
	Erie Water Authority, Erie County, Pennsylvania, Water Revenue Bonds, Series 2008:			
605	5.000%, 12/01/43 (Pre-refunded 12/01/18) – AGM Insured	12/18 at 100.00	A2 (4)	615,872
3,160	5.000%, 12/01/43 (Pre-refunded 12/01/18) – AGM Insured	12/18 at 100.00	A2 (4)	3,216,785
960	5.000%, 12/01/43 – AGM Insured	12/18 at 100.00	A2	975,907
	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	BB+	6,633,080
3,535	5.250%, 1/15/45	1/25 at 100.00	BB+	3,732,748
2,206	Northampton County Industrial Development Authority, Pennsylvania, Recovery Revenue Bonds, Northampton Generating	7/18 at 100.00	N/R	661,717

	Project, Senior Lien Series 2013A0 & AE2, 5.000%, 12/01/23 (Cash 5.000%, PIK 5.000%) (8)	l		
	Northampton County Industrial Development Authority,			
338	Pennsylvania, Recovery Revenue Bonds, Northampton Generating Project, Senior Lien Taxable Series 2013B, 5.000%, 12/31/23 (Cash 5.000%, PIK 5.000%) (9)	7/18 at 100.00	N/R	101,333
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	4,353,824
11,750	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+	11,954,568
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	1,170,834
600	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43 (Pre-refunded 7/01/20)	7/20 at 100.00	N/R (4)	649,758
	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced			
	Turnpike Special Revenue Bonds, Subordinate Series 2010A1&2:			
315	5.500%, 12/01/34 (Pre-refunded 12/01/20)	12/20 at 100.00	N/R (4)	342,090
1,435	5.500%, 12/01/34 (Pre-refunded 12/01/20)	12/20 at 100.00	A2 (4)	1,558,410
5,140	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Special Revenue Bonds, Subordinate Series 2011B, 5.000%, 12/01/34 (Pre-refunded 12/01/21)	12/21 at 100.00	A2 (4)	5,647,729
5,660	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A	6,203,077
3,170	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2016A-1, 5.000%, 12/01/46	12/25 at 100.00	A3	3,409,779
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40 (Pre-refunded 5/15/20) Philadelphia, Pennsylvania, General Obligation Bonds, Refunding	5/20 at 100.00	N/R (4)	1,689,663
	Series 2011:			
5,445	6.000%, 8/01/36 (Pre-refunded 8/01/20)	8/20 at 100.00	A- (4)	5,924,868
1,425	6.500%, 8/01/41 (Pre-refunded 8/01/20)	8/20 at	A- (4)	1,562,855
85	,,,, (100.00	- (.)	,,

NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
(000)	Pennsylvania (continued) 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+	\$726,615
1,255	5.000%, 11/15/28	5/24 at 100.00	BB+	1,270,612
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding & Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	A-	1,728,701
118,794	Total Pennsylvania Puerto Rico – 0.2% (0.1% of Total Investments)			103,320,642
215	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.500%, 7/01/29 – AMBAC Insured		C	221,667
30,000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	D	3,918,600
30,215	Total Puerto Rico Rhode Island – 0.1% (0.1% of Total Investments)			4,140,267
21,570	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52 South Carolina – 2.4% (1.5% of Total Investments)	7/18 at 100.00	CCC+	2,447,332
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Refunding Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	A-	5,516,850
	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2:			
1,220	0.000%, 1/01/23 – FGIC Insured	No Opt. Call	A-	1,066,207
21,570	0.000%, 1/01/30 – AMBAC Insured	No Opt. Call	A-	14,194,354
5,560	0.000%, 1/01/31 – AMBAC Insured	No Opt. Call	A3	3,551,895
	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	A+	5,353,250
5,000	5.000%, 12/01/55	6/25 at 100.00	A+	5,311,850
6,930		100.00	A+	7,418,288

	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	A+	10,003,028
59,435	Total South Carolina			52,415,722
	South Dakota – 0.2% (0.1% of Total Investments)			
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+	4,824,186
	Tennessee – 0.7% (0.4% of Total Investments)			
8,890	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	BBB+	9,455,226
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	Baa2	2,551,537
2,540	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Bonds, Knowledge Academy Charter School, Series 2017A, 5.500%, 6/15/37, 144A	6/27 at 100.00	N/R	2,455,316
685	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	No Opt. Call	N/R	705,269
14,510 86	Total Tennessee			15,167,348

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$495	Texas – 16.4% (10.2% of Total Investments) Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Wayside Schools, Series 2016A, 4.375%, 8/15/36 Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education, Series 2016A:	8/21 at 100.00		\$483,095
165	5.000%, 12/01/36	12/26 at 100.00	BBB-	178,829
130	5.000%, 12/01/46	12/26 at 100.00	BBB-	137,904
760	5.000%, 12/01/51	12/26 at 100.00	BBB-	800,044
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	995,836
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 Board of Managers, Joint Guadalupe County-Seguin City Hospital, Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015:	3/23 at 103.00	N/R	889,236
3,135	5.250%, 12/01/35	12/25 at 100.00	ВВ	3,321,658
3,340	5.000%, 12/01/40	12/25 at 100.00	ВВ	3,388,263
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	A	6,101,760
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	2,128,420
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	103.00	N/R	1,059,757
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:	103.00	N/R	1,863,831
3,250	6.000%, 1/01/41 (Pre-refunded 1/01/21)	1/21 at 100.00	Baa2 (4)	3,567,720
2,700	6.250%, 1/01/46 (Pre-refunded 1/01/21)	1/21 at 100.00	Baa2 (4)	2,981,313
2,000	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A: 5.000%, 1/01/40		Baa2	2,185,900

3,625	5.000%, 1/01/45	7/25 at 100.00 7/25 at 100.00	Baa2	3,945,160
	Club Municipal Management District 1, Texas, Special Assessment Revenue Bonds, Improvement Area 1 Project, Series 2016:			
550	6.250%, 9/01/35	9/23 at 103.00	N/R	525,327
520	6.500%, 9/01/46	9/23 at 103.00	N/R	488,810
4,500	Colorado River Municipal Water District, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 1/01/36 (Pre-refunded 1/01/21)	1/21 at 100.00	AA- (4)	4,848,390
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	4,318,480
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	2,795,598
1,000	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012A. RMKT, 4.750%, 5/01/38	11/22 at 100.00	Baa3	1,023,150
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	2,568,944
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	18,754,910
1,140	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2015-XF0228, 13.027%, 4/01/53, 144A (IF)	10/23 at 100.00	AA	1,514,387
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) Harris County Cultural Education Facilities Finance Corporation,	7/18 at 100.00	В3	10,099,200
	Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015:			
3,480	5.000%, 12/01/45	6/25 at 100.00	AA	3,832,280
1,895	4.000%, 12/01/45	6/25 at 100.00	AA	1,908,909
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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
	Texas (continued) 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	A2	\$105,026
590	0.000%, 11/15/42 – AGM Insured	11/31 at 59.73	A2	199,709
1,000	0.000%, 11/15/43 – AGM Insured	11/31 at 56.93	A2	321,770
2,000	0.000%, 11/15/44 – AGM Insured	11/31 at 54.25	A2	611,620
2,600	0.000%, 11/15/45 – AGM Insured	11/31 at 51.48	A2	752,440
4,180	0.000%, 11/15/53 – AGM Insured	11/31 at 33.96	A2	786,467
6,170	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series 2001H, 0.000%, 11/15/37 – NPFG Insured	11/31 at 69.08	BB+	2,390,073
4,565	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3, 0.000%, 11/15/35 – NPFG Insured	11/24 at 52.47	BB	1,843,027
40,500	Harris County-Houston Sports Authority, Texas, Special Revenue Bonds, Refunding Senior Lien Series 2001A, 0.000%, 11/15/40 – NPFG Insured	11/30 at 54.04	A2	13,452,885
3,855	Houston, Texas, Airport System Revenue Bonds, Refunding Subordinate Lien Series 2012A, 5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A	4,151,411
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	Ba3	254,625
10,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40 Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds,	11/21 at 100.00	AA	10,830,400
	Convention and Entertainment Project, Series 2001B:			
28,305	0.000%, 9/01/28 – AMBAC Insured	No Opt. Call	A-	19,519,128
5,000	0.000%, 9/01/30 – AMBAC Insured	No Opt. Call	A-	3,131,900
5,765	0.000%, 9/01/31 – AMBAC Insured	No Opt. Call	A-	3,431,501

6,000	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2001B, 5.500%, 12/01/29 – NPFG Insured (ETM)	No Opt. Call	AA+ (4)	7,286,280
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	A2 (4)	10,069,200
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+	772,603
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	A	8,389,680
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	3,005,255
1,750	Martin County Hospital District, Texas, Combination Limited Tax and Revenue Bonds, Series 2011A, 7.250%, 4/01/36 Matagorda County Navigation District 1, Texas, Collateralized	4/21 at 100.00	BBB	1,891,873
2,505	Revenue Refunding Bonds, Houston Light and Power Company, Series 1997, 5.125%, 11/01/28 – AMBAC Insured (Alternative Minimum Tax)	No Opt. Call	A	2,818,175
1,955	Mission Economic Development Corporation, Texas, Revenue Bonds, Natgasoline Project, Series 2016B, 5.750%, 10/01/31, 144A (Alternative Minimum Tax)	10/18 at 103.00	BB-	2,029,622
15,600	Mission Economic Development Corporation, Texas, Water Supply Revenue Bonds, Enviro Water Minerals Project, Green Bonds, Series 2015, 7.750%, 1/01/45, 144A (Alternative Minimum Tax)	1/26 at 102.00	N/R	13,174,356
150	New Hope Cultural Education Facilities Finance Corporation, Texas Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi II, L.L.CTexas A&M University-Corpus Christi Project, Series 2016A, 5.000%, 4/01/48	4/26 at 100.00	Ba2	152,345
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 North Texas Tollway Authority, Special Projects System Revenue	4/26 at	BBB-	575,323
	Bonds, Convertible Capital Appreciation Series 2011C:			
6,330	0.000%, 9/01/43 (Pre-refunded 9/01/31) (7)	9/31 at 100.00	N/R (4)	6,839,185
9,130	0.000%, 9/01/45 (Pre-refunded 9/01/31) (7)	9/31 at 100.00	N/R (4)	10,798,508
88		100.00		

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Texas (continued) North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A:	:		
\$205	6.250%, 1/01/39	1/19 at 100.00	A	\$210,545
895	6.250%, 1/01/39 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (4)	921,018
	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	A1	3,038,585
7,000	6.500%, 1/01/43	1/25 at 100.00	A	8,403,920
10,000	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008D, 0.000%, 1/01/28 – AGC Insured North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2015B:	No Opt. Call	A1	7,379,000
2,870	5.000%, 1/01/40	1/23 at 100.00	A	3,103,675
4,880	5.000%, 1/01/45	1/25 at 100.00	A	5,317,541
9,250	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2017A, 5.000%, 1/01/48 North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A:	1/28 at 100.00	A	10,378,963
7,855	5.000%, 1/01/33	1/25 at 100.00	A-	8,717,086
2,205	5.000%, 1/01/34	1/25 at 100.00	A-	2,434,430
1,000	5.000%, 1/01/35	1/25 at 100.00	A-	1,101,540
2,345	5.000%, 1/01/38	1/25 at 100.00	A-	2,565,477
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	1,653,917
3,500	Southwest Higher Education Authority Inc., Texas, Revenue Bonds, Southern Methodist University, Series 2010, 5.000%, 10/01/41 (Pre-refunded 10/01/20) Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project Series 2010:	10/20 at 100.00	AA- (4)	3,747,905
425	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	457,865
5,410	5.500%, 8/15/45 (Pre-refunded 8/15/20)		AA- (4)	5,841,015

		8/20 at 100.00		
17,585	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources System, Series 2016A., 5.000%, 2/15/47	8/26 at 100.00	AA	19,547,310
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	A-	2,306,324
	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:			
2,500	5.000%, 12/15/27	12/22 at 100.00	BBB	2,733,300
4,835	5.000%, 12/15/28	12/22 at 100.00	BBB	5,273,051
13,235	5.000%, 12/15/29	12/22 at 100.00	BBB	14,404,180
435	5.000%, 12/15/32	12/22 at 100.00	BBB	470,496
1,620	Texas Private Activity Bond Surface Transportation Corporation, Revenue Bonds, NTE Mobility	12/19 at 100.00	BBB-	1,742,456
	Partners LLC North Tarrant Express Managed Lanes Project, Senior Lien Series 2009, 6.875%, 12/31/39			
	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010:			
2,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	2,200,100
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	549,025
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE	9/23 at 100.00	Baa3	2,340,760
	Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 7.000%, 12/31/38 (Alternative Minimum Tax)			
5,355	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41	¹ 8/22 at 100.00	A-	5,764,658
	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C:	1		
4,000	5.000%, 8/15/32	8/24 at 100.00	BBB	4,385,360
1,875	5.000%, 8/15/37	8/24 at 100.00	BBB	2,034,581
4,590	5.000%, 8/15/42	8/24 at 100.00	BBB	4,959,128
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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Texas (continued) 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-	\$940,338
300	0.000%, 8/15/21 – AMBAC Insured (ETM)	No Opt. Call	A3 (4)	278,826
3,600	0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A-	2,906,208
5,300	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)	5/18 at 100.00	Aaa	5,500,976
394,135	Total Texas Utah – 0.3% (0.2% of Total Investments)			359,901,057
2,030	Box Elder County, Utah, Solid Waste Disposal Revenue Bonds, Promontory Point Res, LLC, Senior Series 2017A, 8.000%, 12/01/39, 144A (Alternative Minimum Tax)	12/27 at 100.00	N/R	1,937,107
3,000	Riverton, Utah, Hospital Revenue Bonds, IHC Health Services, Inc., Series 2009, 5.000%, 8/15/41	8/19 at 100.00	AA+	3,112,050
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-	857,847
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	ВВ	1,595,010
7,395	Total Utah Virginia – 1.3% (0.8% of Total Investments)			7,502,014
540	Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015, 5.600%, 3/01/45, 144A	3/25 at 100.00	N/R	548,829
1,800	Henrico County Economic Development Authority, Virginia, Revenue Bonds, Bon Secours Health System Obligated Group, Series 2013, 5.000%, 11/01/30	11/22 at 100.00	A	1,979,028
3,390	Metropolitan Washington Airports Authority, Virginia, Dulles Tol Road Revenue Bonds, Dulles Metrorail & Capital Improvement Project, Refunding Second Senior Lien Series 2014A, 5.000%, 10/01/53	1 4/22 at 100.00	BBB+	3,597,332
6,000	10/01/33		В-	5,940,000

2,855	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47 Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset-Backed Bonds, Series 2007B2, 5.200%, 6/01/46	6/18 at 100.00 6/21 at 100.00	В-	2,856,485
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) Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012:	1/22 at 100.00	ВВВ	1,923,650
1,885	5.250%, 1/01/32 (Alternative Minimum Tax)	7/22 at 100.00	BBB	2,050,541
4,480	6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB	4,991,034
3,810	5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB	4,147,337
26,570	Total Virginia Washington – 2.1% (1.3% of Total Investments)			28,034,236
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	8/18 at 100.00	AAA	1,348,402
6,000	Energy Northwest, Washington, Electric Revenue Bonds, Columbia Generating Station, Series 2015A, 5.000%, 7/01/38 (UB) (5)	7/25 at 100.00	AA-	6,723,000
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)	2,557,100
10,000	Washington Health Care Facilities Authority, Revenue Bonds, Catholic Health, Series 2011A, 5.000%, 2/01/41	2/21 at 100.00	BBB+	10,367,900
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	5,995,253
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	A3	7,640,957
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)	3,192,840
2,185	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	Aa2	2,367,163
90	20121, 01000 /o, 10101 /2			

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Washington (continued)		` ,	
\$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	A3 (4)	\$4,185,400
1,410	Washington State, Motor Vehicle Fuel Tax General Obligation Bonds, Series 2003F, 0.000%, 12/01/24 – NPFG Insured	No Opt. Call	AA+	1,180,339
43,550	Total Washington			45,558,354
	West Virginia – 0.5% (0.3% of Total Investments)			
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	3,163,669
1,950	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%,	9/19 at	Baa1	2,022,404
	9/01/32	100.00		
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	5,674,194
10,060	Total West Virginia			10,860,267
.,	Wisconsin – 1.8% (1.1% of Total Investments)			.,,
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	A- (4)	840,591
1,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Envision Science Academy Project, Series 2016A, 5.125%, 5/01/36, 144A	5/26 at 100.00	N/R	957,500
	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, North Carolina Charter Educational Foundation Project, Series 2016A:			
5,375	5.000%, 6/15/36, 144A	6/26 at 100.00	N/R	5,027,883
4,440	5.000%, 6/15/46, 144A	6/26 at 100.00	N/R	4,000,973
	Public Finance Authority of Wisconsin, Conference Center and Hotel Revenue Bonds, Lombard Public Facilities Corporation, First Tier Series 2018A-1:			
78	0.000%, 1/01/56, 144A – ACA Insured	No Opt. Call	N/R	2,320
86	0.000%, 1/01/57, 144A – ACA Insured	No Opt. Call	N/R	2,568
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	1,127,932
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	1,163,520

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1,000	Public Finance Authority, Wisconsin, Exempt Facilities Revenue Bonds, Celanese Project, Refunding Series 2016C, 4.300%, 11/01/30 (Alternative Minimum Tax) Public Finance Authority of Wisconsin, Conference Center and Hotel Revenue Bonds, Lombard Public Facilities Corporation, Second Tier Series 2018B:	5/26 at 100.00	BBB-	1,021,050
80	0.000%, 1/01/47, 144A	3/28 at 37.76	N/R	2,402
70	0.000%, 1/01/48, 144A	3/28 at 35.85	N/R	2,098
69	0.000%, 1/01/49, 144A	3/28 at 34.04	N/R	2,063
65	0.000%, 1/01/50, 144A	3/28 at 32.32	N/R	1,994
65	0.000%, 1/01/51, 144A	3/28 at 30.69	N/R	1,960
85	0.000%, 1/01/52, 144A	3/28 at 29.14	N/R	2,543
84	0.000%, 1/01/53, 144A	3/28 at 27.67	N/R	2,508
81	0.000%, 1/01/54, 144A	3/28 at 26.27	N/R	2,423
79	0.000%, 1/01/55, 144A	3/28 at 24.94	N/R	2,371
3,707	5.500%, 7/01/56, 144A	3/28 at 100.00	N/R	3,688,738
84	0.000%, 1/01/58, 144A	3/28 at 21.35	N/R	2,500
81	0.000%, 1/01/59, 144A	3/28 at 20.27	N/R	2,431
80	0.000%, 1/01/60, 144A	3/28 at 19.25	N/R	2,380
79	0.000%, 1/01/61, 144A	3/28 at 18.28	N/R	2,345
76	0.000%, 1/01/62, 144A	3/28 at 17.35	N/R	2,278
75	0.000%, 1/01/63, 144A	3/28 at 16.48	N/R	2,226
73	0.000%, 1/01/64, 144A	3/28 at 15.65	N/R	2,175
72	0.000%, 1/01/65, 144A	3/28 at 16.86	N/R	2,140
78	0.000%, 1/01/66, 144A	3/28 at 14.11	N/R	2,306
935	0.000%, 1/01/67, 144A	3/28 at 13.39	N/R	27,748
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NZF Nuveen Municipal Credit Income Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
	Wisconsin (continued)			
\$3,000	Southeast Wisconsin Professional Baseball Park District, Sales Tax Revenue Refunding Bonds, Series 1998A, 5.500%, 12/15/19 – NPFG Insured (ETM)	No Opt. Call	A2 (4)	\$3,173,850
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–	1,447,698
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-	1,336,938
	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012:			
2,105	5.000%, 6/01/32	6/22 at 100.00	A3	2,245,488
2,500	5.000%, 6/01/39	6/22 at 100.00	A3	2,633,600
4,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 5.000%, 8/15/39 Wisconsin Health and Educational Facilities Authority,	8/24 at 100.00	A+	4,340,440
	Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A	:		
1,415	5.000%, 7/01/27	7/24 at 100.00	A-	1,550,599
1,310	5.000%, 7/01/29	7/24 at 100.00	A-	1,430,939
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	A-	3,202,830
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	1,206,733
42,167 \$3,960,413	Total Wisconsin Total Municipal Bonds (cost \$3,323,305,327)			40,471,081 3,537,594,795

Shares	Description (1), (10)	Value
	INVESTMENT COMPANIES – 0.1% (0.1% of Total Investments)	
6,266	BlackRock MuniHoldings Fund Inc.	\$93,864

131,278	Deutsche Municipal Income Trust	1,450,622	
26,880	Dreyfus Strategic Municipal Fund	204,557	
43,020	Invesco VK Investment Grade Municipal Trust	524,414	
30,000	Invesco VK Municipal Opportunity Trust	348,600	
43,420	PIMCO Municipal Income Fund II	549,697	
	Total Investment Companies (cost \$3,325,133)	3,171,754	
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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)				
\$577	Las Vegas Monorail Company, Senior Interest Bonds (11), (12)	5.500%	7/15/19	N/R	\$369,201
160	Las Vegas Monorail Company, Senior Interest Bonds (11), (12)	5.500%	7/15/55	N/R	79,818
\$737	Total Corporate Bonds (cost \$44,880)				449,019
	Total Long-Term Investments (cost \$3,326,675,340)				3,541,215,568
	Floating Rate Obligations – (1.1)%				(24,620,000)
	MuniFund Preferred Shares, net of deferred				(304,389,774)
	offering costs – (13.9)% (13)				, , , ,
	Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs – (15.3)% (14)				(335,980,501)
	Variable Rate Demand Preferred Shares, net of				/=-
	deferred offering costs – (32.9)% (15)				(721,949,584)
	Other Assets Less Liabilities – 2.0%				43,341,246
	Net Assets Applicable to Common Shares – 100%				\$2,197,616,955

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- 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.
 - The ratings disclosed are the lowest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors
- Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. 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.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (6) The coupon for this security increased 0.25% effective January 1, 2016 and increased an additional 0.25% effective May 11, 2016.
- (7) Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.
 - 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
- (8) 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.
- On July 1, 2017, 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 5.000% to 2.000%.
- (10) 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.

- 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. See Notes to Financial Statements, Note 2 Investment Valuation and Fair Value Measurements for more information.

 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 was not accruing income for either senior interest corporate bond. On January 18, 2017, the Fund's Adviser determined it was likely that this senior interest corporate bond would fulfill its obligation on the security maturing on July 15, 2019, and therefore began accruing income on the Fund's records.
- (13) MuniFund Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 8.6%.
- (14) Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 9.5%.
- Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 20.4%.
- 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.
- ETM Escrowed to maturity.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIEMA) short term rate, which resets
- inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.
 - Payment-in-kind ("PIK") security. Depending on the terms of the security, income may be received in the form
- PIK of cash, securities, or a combination of both. The PIK rate shown, where applicable, represents the annualized rate of the last PIK payment made by the issuer as of the end of the reporting period.

 Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
- UB Statements, Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

WI/DD Investment, or portion of investment, purchased on a when-issued or delayed delivery basis. See accompanying notes to financial statements.

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NMZ Nuveen Municipal High Income Opportunity Fund Portfolio of Investments April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(* * *)	LONG-TERM INVESTMENTS – 143.8% (100.0% of Total	· /	(-)	
	Investments)			
	MUNICIPAL BONDS – 142.6% (99.2% of Total Investments) Alabama – 0.7% (0.5% of Total Investments)			
	Adamsville Solid Waste Disposal Authority, Alabama, Solid Waste			
\$182	Disposal Revenue Bonds, Big Sky Environmental LLC Project, Refunding Taxable Series 2017C., 0.000%, 9/01/37, 144A	7/18 at 100.00	N/R	\$2
	Adamsville Solid Waste Disposal Authority, Alabama, Solid Waste	0.10.7		
1,000	Disposal Revenue Bonds, Big Sky Environmental LLC Project, Series 2017A., 6.750%, 9/01/37, 144A (Alternative Minimum Tax)	9/27 at 100.00	N/R	992,420
	Adamsville Solid Waste Disposal Authority, Alabama, Solid Waste	9/27 at		
212	Disposal Revenue Bonds, Big Sky Environmental LLC Project,	100.00	N/R	202,898
	Taxable Series 2017B., 6.750%, 9/01/37, 144A			
1,000	Alabama Industrial Development Authority, Solid Waste Disposal Revenue Bonds, Pine City Fiber Co. Project, Series 1993, 6.450%,	7/18 at	В3	999,900
1,000	12/01/23 (Alternative Minimum Tax)	100.00	D3	<i>)</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Alabama Private Colleges and University Facilities Authority,	0/25 -4		
2,000	Limited Obligation Bonds, University of Mobile Project, Series 2015A, 6.000%, 9/01/45, 144A	9/25 at 100.00	N/R	1,986,520
1 000	Jefferson County, Alabama, Sewer Revenue Warrants, Senior Lien	10/23 at	DD.	065.560
1,000	Series 2013C, 0.000%, 10/01/38 – AGM Insured	105.00	BB+	865,560
	Selma Industrial Development Board, Alabama, Environmental	No Opt.		
950	Improvement Revenue Bonds, Zilkha Biomass Selma LLC Project,	Call	N/R	684,000
6,344	Series 2015, 7.500%, 5/01/25, 144A (Alternative Minimum Tax) (4) Total Alabama			5,731,300
0,544	Arizona – 2.4% (1.7% of Total Investments)			3,731,300
	Phoenix Industrial Development Authority, Arizona, Lease Revenue	6/00 04		
3,000	Bonds, Rowan University Project, Tender Option Bond Trust	6/22 at 100.00	A	3,857,820
	2016-XF2337, 12.509%, 6/01/42, 144A – AGM Insured (IF) (5)	100.00		
440	Phoenix Industrial Development Authority, Arizona, Multifamily	7/24 at	NI/D	420.554
440	Housing Revenue Bonds, Deer Valley Veterans Assisted Living Project, Series 2016A, 5.125%, 7/01/36	101.00	N/R	429,554
	Pima County Industrial Development Authority, Arizona, Charter			
1,000	School Revenue Bonds, Desert Heights Charter School, Series 2014,	5/24 at	N/R	1,076,230
	7.250%, 5/01/44	100.00		
100	Pima County Industrial Development Authority, Arizona, Education	7/20 at		00.4==
100	Facility Revenue Bonds, Edkey Charter Schools Project, Series	102.00	BB	93,175
	2014A, 6.875%, 7/01/34			

	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools Project, Series 2016	:		
245	5.250%, 7/01/36	7/26 at 100.00	BB	218,435
400	5.375%, 7/01/46	7/26 at 100.00	BB	346,084
475	5.500%, 7/01/51	7/26 at 100.00	BB	409,863
2,000	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, San Tan Montessori School Project, Series 2014A, 9.000%, 2/01/44	2/24 at 100.00	N/R	2,254,640
470	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds Legacy Traditional School Project, Series 2009, 8.500%, 7/01/39 (Pre-refunded 7/01/19)	7/19 at 100.00	N/R (6)	504,371
2,500	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Carden Traditional Schools Project, Series 2012, 7.500%, 1/01/42	1/22 at 100.00	В	2,258,150
	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Paradise Education Center Project, Series 2010:			
1,315	6.000%, 6/01/40 (Pre-refunded 6/01/19)	6/19 at 100.00	BB+ (6)	1,372,518
500	6.100%, 6/01/45 (Pre-refunded 6/01/19)	6/19 at 100.00	BB+ (6)	522,400
1,150	Pinal County Industrial Development Authority, Arizona, Correctional Facilities Contract Revenue Bonds, Florence West Prison LLC, Series 2002A, 5.250%, 10/01/22 – ACA Insured	7/18 at 100.00	BBB-	1,150,713
1,665	Quechan Indian Tribe of the Fort Yuma Reservation, Arizona, Tribal Economic Development Bonds, Series 2012A, 9.750%, 5/01/25	5/22 at 100.00	BB-	1,875,206
2,500	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc. Prepay Contract Obligations, Series 2007, 5.500%, 12/01/37, 144A	No Opt. Call	Ba1	2,971,700
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Princi	pal	Optional Call		
Amou (000)	nt Description (1)	Provisions (2)	Ratings (3)	Value
\$1,000	Arizona (continued) Yuma County Industrial Development Authority, Arizona, Exempt Revenue Bonds, Far West Water & Sewer Inc. Refunding, Series	7/18 at		\$941,200
	2007A, 6.375%, 12/01/37 (Alternative Minimum Tax)	100.00		
18,760	Total Arizona			20,282,059
1,000	California – 19.8% (13.8% of Total Investments) California Enterprise Development Authority, Recovery Zone Facility Revenue Bonds, SunPower Corporation – Headquarters	4/21 at 100.00	N/R	1,071,630
	Project, Series 2010, 8.500%, 4/01/31 California County Tobacco Securitization Agency, Tobacco			
2,205	Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 5.125%, 6/01/38	7/18 at 100.00	ВВ	2,205,066
10,000	California Health Facilities Financing Authority, California, Revenue Bonds, Sutter Health, Series 2016B, 5.000%, 11/15/46 (UB) (5)	11/26 at 100.00	A+	11,168,900
	California Health Facilities Financing Authority, Refunding			
	Revenue Bonds, Stanford Hospital and Clinics, Tender Option Bond Trust 2016-XF2353:			
1,875	15.198%, 11/15/40, 144A (Pre-refunded 11/15/21) (IF) (5)	11/21 at 100.00	Aa3 (6)	2,785,894
1,250	14.192%, 11/15/40, 144A (Pre-refunded 11/15/21) (IF) (5)	11/21 at 100.00	Aa3 (6)	1,814,737
	California Health Facilities Financing Authority, Revenue Bonds, Children's Hospital, Tender Option Bond Series 2017A:			
5,165	5.000%, 8/15/42 (UB) (5)	8/27 at 100.00	BBB+	5,718,326
22,115	5.000%, 8/15/47 (UB) (5)	8/27 at 100.00	BBB+	24,355,913
12,500	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2017A-2, 4.000%, 11/01/44 (UB (5)) 11/27 at 100.00	AA-	12,737,750
	California Health Facilities Financing Authority, Revenue Bonds, Stanford Hospitals and Clinics, Tender Option Bond Trust 2016-XG0049:			
250	13.092%, 8/15/51, 144A (IF) (5)	8/22 at 100.00	Aa3	338,655
1,000	13.089%, 8/15/51, 144A (IF) (5)	8/22 at 100.00	Aa3	1,354,520
1,020	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Affordable Housing Inc. Projects, Series 2014B, 5.875%, 8/15/49	8/24 at 100.00	N/R	1,104,640
980	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010B, 7.250%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (6)	1,083,223
500	(= == =================================		N/R	536,090

	California Municipal Finance Authority, Revenue Bonds, California Baptist University, Series 2016A, 5.000%, 11/01/36, 144A	11/26 at 100.00		
7,430	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2017B, 4.000%, 7/01/42 (UB) (5)	7/27 at 100.00	BBB-	7,458,011
1,000	California Municipal Finance Authority, Revenue Bonds, Harbor Regional Center Project, Series 2009, 8.500%, 11/01/39 (Pre-refunded 11/01/19)	11/19 at 100.00	AA (6)	1,096,190
400	California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Aemerge Redpak Services Southern California, LLC Project, Subordinate Series 2017, 8.000%, 12/01/27, 144A (Alternative Minimum Tax)	No Opt. Call	N/R	399,692
1,950	California School Finance Authority, Educational Facilities Revenue Bonds, Tri-Valley Learning Corporation, Series 2012A, 7.000%, 6/01/47 (4)	6/20 at 102.00	N/R	1,452,750
1,300	California State, General Obligation Bonds, Tender Option Bond Trust 3162, 14.640%, 3/01/40, 144A – AGM Insured (IF) (5) California Statewide Communities Development Authority,	3/20 at 100.00	Aa3	1,648,686
	California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A:			
800	5.250%, 12/01/44	12/24 at 100.00	ВВ	849,720
1,000	5.500%, 12/01/54	12/24 at 100.00	BB	1,077,610
6,940	California Statewide Communities Development Authority, California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A, 5.250%, 12/01/56, 144A	6/26 at 100.00	ВВ	7,390,684
520	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+	547,804
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NMZ Nuveen Municipal High Income Opportunity Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

	Principal		Optional Call		
	Amount (000)	Description (1)		Ratings (3)	Value
		California (continued)			
4	~ 00	California Statewide Communities Development Authority, Revenue	6/26 at		
\$	500	Bonds, Lancer Educational Student Housing Project, Refunding Series 2016A, 5.000%, 6/01/46, 144A	100.00	N/R	8524,355
	1,000	California Statewide Communities Development Authority, Special Tax Bonds, Community Facilities District 2012-01, Fancher Creek, Series 2013A, 5.700%, 9/01/43	9/22 at 100.00	N/R	1,059,980
	1,605	California Statewide Communities Development Authority, Statewide Community Infrastructure Program Revenue Bonds, Series 2011A, 8.000%, 9/02/41	9/21 at 100.00	N/R	1,680,772
	500	California Statewide Community Development Authority, Revenue Bonds, California Baptist University, Series 2011A, 7.500%, 11/01/41 (Pre-refunded 11/01/21)	11/21 at 100.00	N/R (6)	590,955
	1,500	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.500%, 7/01/39 (7)	7/18 at 100.00	CCC	1,500,015
	1,250	California Statewide Community Development Authority, Revenue Bonds, St. Joseph Health System, Series 2007C, 5.750%, 7/01/47 (Pre-refunded 7/01/18) – FGIC Insured	7/18 at 100.00	AA- (6)	1,258,412
	515	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 2015-XF2186, 12.861%, 11/15/38, 144A (Pre-refunded 5/15/18) (IF) (5)	5/18 at 99.03	AA- (6)	517,477
	1,845	Daly City Housing Development Finance Agency, California, Mobile Home Park Revenue Bonds, Franciscan Mobile Home Park Project, Refunding Third Tier Series 2007C, 6.500%, 12/15/47	7/18 at 100.00	N/R	1,847,509
	2,000	Daly City Housing Development Finance Agency, California, Mobile Home Park Revenue Bonds, Franciscan Mobile Home Park, Refunding Series 2007A, 5.000%, 12/15/37	7/18 at 100.00	A+	2,003,400
	1,000	Fontana, California, Special Tax Bonds, Community Facilities District 31 Citrus Heights North, Series 2006, 5.000%, 9/01/26	9/18 at 100.00	N/R	1,002,530
	3,500	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Senior Convertible Series 2007A-2, 5.300%, 6/01/37	6/22 at 100.00	В3	3,586,135
		Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
	6,635	5.000%, 6/01/33	6/18 at 100.00	В3	6,693,255
	11,330	5.750%, 6/01/47	6/18 at 100.00	В3	11,655,511
	3,690	5.125%, 6/01/47	100.00	В-	3,689,926

		6/18 at 100.00		
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2015A:			
2,000	5.000%, 6/01/40 (UB) (5)	6/25 at 100.00	A+	2,222,400
2,000	5.000%, 6/01/45 (UB) (5)	6/25 at 100.00	A+	2,213,060
860	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Tender Option Bond Trus 2015-XF1038, 12.268%, 6/01/45, 144A (IF) (5)	6/25 at 100.00	A+	1,226,455
1,500	Grossmont Healthcare District, California, General Obligation Bonds, Tender Option Bond Trust 3253, 17.777%, 7/15/40, 144A (Pre-refunded 7/15/21) (IF) (5)	7/21 at 100.00	Aaa	2,277,885
	Hercules Redevelopment Agency, California, Tax Allocation Bonds Merged Project Area, Series 2005:	,		
1,000	5.000%, 8/01/25 – AMBAC Insured	7/18 at 100.00	N/R	1,016,400
1,000	5.000%, 8/01/35 – AMBAC Insured	7/18 at 100.00	N/R	1,011,730
	Lancaster Redevelopment Agency, California, Tax Allocation Bonds, Combined Redevelopment Project Areas Housing Programs, Series 2009:			
190	6.875%, 8/01/39 (Pre-refunded 8/01/19)	8/19 at 100.00	N/R (6)	201,734
145	6.875%, 8/01/39 (Pre-refunded 8/01/19)	8/19 at 100.00	BBB (6)	153,955
390	Lee Lake Public Financing Authority, California, Junior Lien Revenue Bonds, Series 2013B, 5.250%, 9/01/32 Los Angeles County, California, Community Development	9/23 at 100.00	N/R	419,667
850	Commission Headquarters Office Building, Lease Revenue Bonds, Community Development Properties Los Angeles County Inc., Tender Option Bond Trust 2016-XL0022, 13.615%, 9/01/42, 144A (IF) (5)	9/21 at 100.00	Aa3	1,144,193
1,825 96	Los Angeles Department of Airports, California, Revenue Bonds, Los Angeles International Airport, Tender Option Bond Trust 2016-XL0005, 13.121%, 5/15/40, 144A (IF) (5)	5/20 at 100.00	AA	2,277,837
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Principal		Optional Call		
Amount (000)	Description (1)		Ratings (3)	Value
\$1,000	California (continued) Lynwood Redevelopment Agency, California, Project A Revenue Bonds, Subordinate Lien Series 2011A, 7.000%, 9/01/31 March Joint Powers Redevelopment Agency, California, Tax Allocation Revenue Bonds, March Air Force Base Redevelopment Project, Series 2011A:	9/21 at 100.00		51,152,250
1,000	7.000%, 8/01/26 (Pre-refunded 8/01/21)	8/21 at 100.00	N/R (6)	1,153,330
1,500	7.500%, 8/01/41 (Pre-refunded 8/01/21)	8/21 at 100.00	N/R (6)	1,753,425
470	Moreno Valley Unified School District, Riverside County, California, Special Tax Bonds, Community Facilities District 2005-3, Series 2007, 5.000%, 9/01/37 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R (6)	471,913
500	National City Community Development Commission, California, Tax Allocation Bonds, National City Redevelopment Project, Series 2011, 7.000%, 8/01/32 (Pre-refunded 8/01/21)	8/21 at 100.00	A (6)	578,435
330	Novato Redevelopment Agency, California, Tax Allocation Bonds, Hamilton Field Redevelopment Project, Series 2011, 6.750%, 9/01/40 Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010:	9/21 at 100.00	A-	371,161
385	5.250%, 11/01/21 (Pre-refunded 11/01/20)	11/20 at 100.00	BBB- (6)	406,660
1,000	6.000%, 11/01/41 (Pre-refunded 11/01/20)	11/20 at 100.00	BBB- (6)	1,096,450
1,000	Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos Community Development Project, Refunding Series 2008A, 6.500%, 9/01/28 (Pre-refunded 9/01/18)	9/18 at 100.00	N/R (6)	1,015,480
733	River Rock Entertainment Authority, California, Revenue Bonds, Senior Notes Series 2011B, 8.000%, 11/01/18 (4)	7/18 at 100.00	N/R	267,545
1,200	Riverside County Redevelopment Agency, California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2011B, 6.750%, 10/01/30	10/21 at 100.00	A	1,376,892
	Sacramento City Financing Authority California, Lease Revenue Bonds, Master Lease Program Facilities Projects, Tender Option Bond Trust 2016-XG0100:			
750	13.414%, 12/01/30, 144A – AMBAC Insured (IF) (5)	No Opt. Call	A+	1,332,127
2,015	13.414%, 12/01/33, 144A – AMBAC Insured (IF) (5)	No Opt. Call	A+	3,869,828
	San Buenaventura, California, Revenue Bonds, Community Memorial Health System, Series 2011:			
960	8.000%, 12/01/26	12/21 at 100.00	BB	1,119,638
1,000	8.000%, 12/01/31	12/21 at 100.00	BB	1,141,480

4,095	San Francisco City and County Redevelopment Agency Successor Agency, California, Tax Allocation Bonds, Mission Bay South Redevelopment Project, Subordinate Series 2016D, 0.000%, 8/01/31, 144A	8/21 at 61.78	N/R	2,128,786
1,000	Santa Margarita Water District, California, Special Tax Bonds, Community Facilities District 2013-1 Village of Sendero, Series 2013, 5.625%, 9/01/43	9/23 at 100.00	N/R	1,087,760
1,000	Santee Community Development Commission, California, Santee Redevelopment Project Tax Allocation Bonds, Series 2011A, 7.000%, 8/01/41 (Pre-refunded 2/01/21)	2/21 at 100.00	A (6)	1,133,830
1,065	Temecula Public Financing Authority, California, Special Tax Bonds, Community Facilities District 16-01, Series 2017, 6.250%, 9/01/47, 144A	9/27 at 100.00	N/R	1,075,373
1,890	Tobacco Securitization Authority of Northern California, Tobacco Settlement Asset-Backed Bonds, Series 2005A-1, 5.500%, 6/01/45		В-	1,889,962
650	Twentynine Palms Redevelopment Agency, California, Tax Allocation Bonds, Four Corners Project Area, Series 2011A, 7.650%, 9/01/42	9/21 at 100.00	BBB+	759,941
1,250	University of California, General Revenue Bonds, Tender Option Bond Trust 2016-XL0001, 13.050%, 5/15/39, 144A (IF) (5)	5/23 at 100.00	Aa2	1,790,550
154,623	Total California			166,944,855
500	Colorado – 7.8% (5.4% of Total Investments) Aurora Single Tree Metropolitan District, City of Aurora, Adams County, Colorado, Limited Tax General Obligation Bonds, Refunding Series 2006., 5.000%, 11/15/20	No Opt. Call	N/R	500,000
2,000	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23 (Pre-refunded 7/01/18)	7/18 at 100.00	N/R (6)	2,016,820
500	Cherry Creek Corporate Center Metropolitan District, Arapahoe County, Colorado, Revenue Bonds, Refunding Subordinate Lien Series 2016B, 8.000%, 6/15/37	12/21 at 103.00	N/R	472,145
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NMZ Nuveen Municipal High Income Opportunity Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$750	Colorado (continued) Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Community Leadership Academy Project, Series 2008, 6.250%, 7/01/28	7/18 at 100.00	ВВ	\$752,257
1,000	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Jefferson County School District R-1 – Compass Montessori Secondary School, Series 2006, 5.625%, 2/15/36	7/18 at 100.00	N/R	988,290
2,255	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Mountain Phoenix Community School, Series 2012, 7.000%, 10/01/42	10/22 at 100.00	N/R	2,362,473
560	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Skyview Academy Project, Series 2014, 5.375%, 7/01/44, 144A	7/24 at 100.00	ВВ	572,768
1,750	Colorado Educational and Cultural Facilities Authority, Revenue Bonds, Pikes Peak School of Expeditionary Learning Charter School, Series 2008, 6.625%, 6/01/38 (Pre-refunded 6/01/18)	6/18 at 102.00	N/R (6)	1,791,650
5,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Adventist Health System/Sunbelt Obligated Group, Series 2016A, 5.000%, 11/15/41 (UB)	5/26 at 100.00	AA	5,554,650
2,500	Colorado Health Facilities Authority, Colorado, Revenue Bonds, American Baptist Homes of the Midwest Obligated Group, Series 2013, 8.000%, 8/01/43	2/24 at 100.00	N/R	2,862,300
1,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, American Baptist Homes Project, Series 2016, 6.125%, 2/01/46, 144A	2/26 at 100.00	N/R	1,002,650
1,350	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Colorado Senior Residences Project, Series 2012, 6.750%, 6/01/32 (4), (8)	6/22 at 100.00	N/R	495,362
750	Colorado Health Facilities Authority, Health Facilities Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Tender Option Bond Trust 2015-XF0054, 13.872%, 1/01/30, 144A (IF)	1/20 at 100.00	AA-	897,592
1,285	Colorado Health Facilities Authority, Revenue Bonds, Craig Hospital Project, Series 2012, 5.000%, 12/01/32 (UB) (5)	12/22 at 100.00	A	1,387,903
518	Colorado Housing and Finance Authority, Revenue Bonds, Confluence Energy LLC Project, Series 2007, 5.000%, 6/01/18 (Alternative Minimum Tax) (8)	No Opt. Call	N/R	576,495

Colorado Housing and Finance Authority, Revenue Bonds, Confluence Energy LLC Project, Series 2017:

	Confidence Energy LLC Project, Series 2017.			
5,045	6.750%, 4/01/27 (Alternative Minimum Tax)	No Opt. Call	N/R	4,477,892
2,224	6.875%, 10/01/27 (Alternative Minimum Tax)	No Opt. Call	N/R	1,972,732
2,000	Compark Business Campus Metropolitan District, Douglas County, Colorado, General Obligation Bonds, Series 2012A, 6.750%, 12/01/39 – RAAI Insured	12/22 at 100.00	N/R	2,080,240
	Confluence Metropolitan District, Colorado, General Obligation Limited Tax Bonds, Series 2007:			
1,000	5.400%, 12/01/27	7/18 at 100.00	N/R	700,240
1,500	5.450%, 12/01/34	7/18 at 100.00	N/R	1,040,595
2,000	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004A, 0.000%, 9/01/27 – NPFG Insured	No Opt. Call	BBB+	1,473,660
708	Erie Highlands Metropolitan District No. 1 (In the Town of Erie), Weld County, Colorado, General Obligation Limited Tax Bonds, Series 2015B, 7.750%, 12/15/45	12/20 at 103.00	N/R	704,340
923	Fitzsimons Village Metropolitan District 1, Aurora, Arapahoe County, Colorado, Tax Increment Public Improvement Fee Supported Revenue Bonds, Series 2010A, 7.500%, 3/01/40	3/20 at 100.00	N/R	957,133
1,000	Fitzsimons Village Metropolitan District 3, Arapahoe County, Colorado, Tax Increment/Public Improvement Fee Supported Revenue Bonds, Series 2014A, 6.000%, 3/01/44	3/20 at 100.00	N/R	986,980
	Foothills Metropolitan District, Fort Collins, Colorado, Special Revenue Bonds, Series 2014:			
1,000	5.750%, 12/01/30	12/24 at 100.00	N/R	1,029,150
1,080	6.000%, 12/01/38	12/24 at 100.00	N/R	1,103,447
1,989	Great Western Metropolitan District 5, Colorado, General Obligation Limited Tax Revenue Bonds, Series 2009A-1, 0.000%, 8/01/39 (9), (10)	12/19 at 100.00	N/R	1,963,183
2,000	Heritage Todd Creek Metropolitan District, Colorado, General Obligation Bonds Limited Tax, Refunding & Improvement Series 2015, 6.125%, 12/01/44	12/24 at 100.00	N/R	2,033,920
933	Heritage Todd Creek Metropolitan District, Colorado, General Obligation Bonds Limited Tax, Series 2007A, 5.500%, 12/01/37	7/18 at 100.00	N/R	923,036
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
,	Colorado (continued)	,	` '	
\$1,000	Iliff Commons Metropolitan District 2, Aurora, Arapahoe County, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited Tax Series 2015, 6.250%, 12/01/44	12/20 at 103.00	N/R	\$1,011,170
305	Iliff Commons Metropolitan District 2, Aurora, Arapahoe County, Colorado, General Obligation Bonds, Subordinated Limited Tax Convertible to Unlimited Tax Series 2016B, 8.000%, 12/15/46	12/21 at 103.00	N/R	308,468
2,000	Jefferson Center Metropolitan District 1, Arvada, Jefferson County, Colorado, Revenue Bonds, Refunding Series 2015, 5.500%, 12/01/45	12/20 at 103.00	N/R	1,960,960
	Johnstown Plaza Metropolitan District, Colorado, Special Revenue Bonds, Series 2016A:			
675	5.250%, 12/01/36	12/21 at 103.00	N/R	646,393
1,265	5.375%, 12/01/46	12/21 at 103.00	N/R	1,200,460
3,040	Kit Carson County Health Service District, Colorado, Health Care Facility Revenue Bonds, Series 2007, 6.750%, 1/01/34	7/18 at 100.00	N/R	3,044,013
1,250	Lewis Pointe Metropolitan District, Thornton, Colorado, Limited Tax Convertible to Unlimited Tax General Obligation Bonds, Series 2015A, 6.000%, 12/01/44	12/20 at 100.00	N/R	1,256,137
500	Leyden Rock Metropolitan District No. 10, In the City of Arvada, Colorado, Limited Tax General Obligation Bonds, Refunding and Improvement Series 20016A, 5.000%, 12/01/45	12/21 at 103.00	N/R	507,540
500	Leyden Rock Metropolitan District No. 10, In the City of Arvada, Colorado, Limited Tax General Obligation Bonds, Refunding and Improvement Series 20016B, 7.250%, 12/15/45	12/21 at 103.00	N/R	489,255
500	Midcities Metropolitan District No. 2, In the City and County of Broomfield, Colorado, Subordinate Special Revenue Refunding Bonds, Series 2016B, 7.750%, 12/15/46	12/21 at 103.00	N/R	494,020
2,000	Murphy Creek Metropolitan District 3, Aurora, Colorado, General Obligation Bonds, Refunding & Improvement Series 2006, 6.125% 12/01/35 (11)	7/18 at '100.00	N/R	1,640,000
1,000	Pinon Pines Metropolitan District No. 1, El Paso County, Colorado, General Obligation Limited Tax Bonds, Series 2016, 5.375%, 12/01/46	12/21 at 103.00	N/R	908,690
1,080	Promenade at Castle Rock Metropolitan District 1, Colorado, General Obligation Bonds, Limited Tax Series 2015A, 5.750%, 12/01/39	12/20 at 103.00	N/R	1,133,428
	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:	S		
1,000	6.500%, 1/15/30	7/20 at 100.00	Baa3	1,090,570
1,000	6.000%, 1/15/41	7/20 at 100.00	Baa3	1,064,320

1,000	STC Metropolitan District 2, Superior, Boulder County, Colorado, Limited Tax General Obligation Bonds, Series 2015A, 6.000%, 12/01/38	12/19 at 103.00	N/R	1,027,270
875	STC Metropolitan District 2, Superior, Boulder County, Colorado, Limited Tax General Obligation Bonds, Series 2015B, 7.750%, 12/15/38	12/19 at 103.00	N/R	885,106
3,000	Stone Ridge Metropolitan District 2, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited, Series 2007, 7.250%, 12/01/31 (12)	7/18 at 100.00	N/R	480,000
1,815	Three Springs Metropolitan District 3, Durango, La Plata County, Colorado, Property Tax Supported Revenue Bonds, Series 2010, 7.750%, 12/01/39	12/20 at 100.00	N/R	1,868,833
965	VDW Metropolitan District 2, Larimer County, Colorado, General Obligation Bonds, Refunding Limited Tax Series 2016B, 7.250%, 12/15/45	No Opt. Call	A2	922,646
69,890	Total Colorado			65,619,182
	Connecticut – 1.0% (0.7% of Total Investments)			
	Connecticut Health and Educational Facilities Authority, Revenue	6/26 at		
4,000	Bonds, Trinity Health Credit Group, Series 2016, 5.000%, 12/01/45 (UB)	100.00	AA-	4,451,760
2,500	Harbor Point Infrastructure Improvement District, Connecticut, Special Obligation Revenue Bonds, Harbor Point Project, Series 2010A, 7.875%, 4/01/39 (Pre-refunded 4/01/20)	4/20 at 100.00	N/R (6)	2,766,400
5,869	Mashantucket Western Pequot Tribe, Connecticut, Special Revenue Bonds, Subordinate Series 2013A, 6.050%, 7/01/31 (Cash 4.000%, PIK 2.050%) (4)	No Opt. Call	N/R	183,413
1,000	Stamford, Connecticut, Special Obligation Revenue Bonds, Mill River Corridor Project, Series 2011aA, 7.000%, 4/01/41 (Pre-refunded 4/01/21)	4/21 at 100.00	N/R (6)	1,135,340
13,369	Total Connecticut			8,536,913
99				,

NMZ Nuveen Municipal High Income Opportunity Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Delaware – 0.3% (0.2% of Total Investments)			
\$2,500	Delaware Economic Development Authority, Revenue Bonds, Odyssey Charter School Inc. Project, Series 2015A, 7.000%, 9/01/45, 144A	3/25 at 100.00	N/R	\$2,475,625
195	District of Columbia – 0.6% (0.4% of Total Investments) District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset Basked Bands, Series 2001, 6,500%, 5/15/22	No Opt.	Baa1	219,689
1,000	Settlement Asset-Backed Bonds, Series 2001, 6.500%, 5/15/33 District of Columbia, Revenue Bonds, Cesar Chavez Public Charter Schools for Public Policy, Series 2011, 7.500%, 11/15/31	Call 11/20 at 100.00	В-	1,032,170
	District of Columbia, Revenue Bonds, Howard University, Tender Option Bond Trust 2016-XG0094:			
28	17.613%, 10/01/37, 144A (Pre-refunded 4/01/21) (IF) (5)	4/21 at 100.00	N/R (6)	36,259
2,472	17.613%, 10/01/37, 144A (IF) (5)	4/21 at 100.00	Ba2	3,201,191
250	District of Columbia, Revenue Bonds, KIPP DC Issue, Series 2013A, 6.000%, 7/01/33 (Pre-refunded 7/01/23)	7/23 at 100.00	BBB+ (6)	294,120
3,945	Total District of Columbia Florida – 15.1% (10.5% of Total Investments)			4,783,429
1,500	Alachua County Health Facilities Authority, Florida, Health Faculties Revenue Bonds, Terraces at Bonita Springs Project, Series 2011A, 8.125%, 11/15/46	11/21 at 100.00	N/R	1,675,380
815	Ave Maria Stewardship Community District, Florida, Capital Improvement Revenue Bonds, Series 2006A, 5.125%, 5/01/38	7/18 at 100.00	N/R	766,907
1,840	Ave Maria Stewardship Community District, Florida, Capital Improvement Revenue Bonds, Series 2012, 6.700%, 5/01/42	5/22 at 100.00	N/R	1,883,866
1,735	Ave Maria Stewardship Community District, Florida, Capital Improvement Revenue Bonds, Series 2015, 5.375%, 5/01/45	5/25 at 100.00	N/R	1,664,680
995	Babcock Ranch Community Independent Special District, Florida, Special Assessment Bonds, Series 2015, 5.250%, 11/01/46	11/25 at 100.00	N/R	1,003,587
905	Belmont Community Development District, Florida, Capital Improvement Revenue Bonds, Phase 1 Project, Series 2013A, 6.125%, 11/01/33	11/24 at 100.00	N/R	1,031,293
1,850	Boggy Creek Improvement District, Orlando, Florida, Special Assessment Revenue Bonds, Refunding Series 2013, 5.125%, 5/01/43	5/23 at 100.00	N/R	1,863,357
2,700	Brevard County, Florida, Industrial Development Revenue Bonds, TUFF Florida Tech Project, Series 2009, 6.500%, 11/01/29	11/19 at 100.00	BB+	2,789,613
700	Broward County, Florida, Airport Facility Revenue Bonds, Learjet Inc., Series 2000, 7.500%, 11/01/20 (Alternative Minimum Tax)	7/18 at 100.00	Caa1	700,259

1,435	Capital Projects Finance Authority, Student Housing Revenue Bonds, Capital Projects Loan Program – Florida Universities, Series 2001F, 5.000%, 10/01/31 – NPFG Insured	7/18 at 100.00	Baa2	1,436,062
1,000	Capital Trust Agency, Florida, Revenue Bonds, Tuscan Gardens Palm Coast Senior Living Community Project, Series 2017A, 7.000%, 10/01/49, 144A	4/24 at 103.00	N/R	971,520
1,000	Capital Trust Agency, Florida, Senior Living Facilities Revenue Bonds, Elim Senior Housing, Inc. Project, Series 2017, 5.875%, 8/01/52, 144A	8/24 at 103.00	N/R	1,019,540
1,000	Celebration Pointe Community Development District 1, Alachua County, Florida, Special Assessment Revenue Bonds, Series 2014, 5.125%, 5/01/45	5/24 at 100.00	N/R	1,005,890
2,000	Collier County Industrial Development Authority, Florida, Continuing Care Community Revenue Bonds, Arlington of Naples Project, Series 2014A, 7.750%, 5/15/35, 144A	5/24 at 100.00	N/R	2,204,720
940	Copperstone Community Development District, Manatee County, Florida, Capital Improvement Revenue Bonds, Series 2007, 5.200% 5/01/38	7/18 at '100.00	N/R	939,991
970	Cordoba Ranch Community Development District, Hillsborough County, Florida, Special Assessment Revenue Bonds, Series 2006, 5.550%, 5/01/37	7/18 at 100.00	N/R	939,047
800	Fishhawk Community Development District IV, Hillsborough County, Florida, Special Assessment Revenue Bonds, Series 2013A 7.000%, 5/01/33	5/23 at '100.00	N/R	837,608
1,850	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Downtown Doral Charter Elementary School Project, Series 2014A, 6.500%, 7/01/44	7/24 at 100.00	N/R	1,878,823
100				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$1,000	Florida (continued) Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Downtown Doral Charter Elementary School Project, Series 2017A, 5.750%, 7/01/44, 144A	7/27 at 100.00	N/R	\$992,550
565	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Florida Charter Foundation Inc. Projects, Series 2016A, 5.000%, 7/15/46, 144A	7/26 at 100.00	N/R	535,230
1,000	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School, Inc. Projects, Series 2010A, 6.000%, 9/15/40	9/20 at 100.00	BB+	1,037,850
2,000	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School, Inc. Projects, Series 2011A, 7.625%, 6/15/41	6/21 at 100.00	ВВ	2,186,560
4,000	Florida Development Finance Corporation, Educational Facilities Revenue Bonds, Renaissance Charter School, Inc. Projects, Series 2013A, 8.500%, 6/15/44	6/23 at 100.00	N/R	4,582,400
14,300	Florida, Development Finance Corporation, Surface Transportation Facility Revenue Bonds, Brightline Passenger Rail Project – South Segment, Series 2017., 0.000%, 1/01/47, 144A (Alternative Minimum Tax)	1/19 at 105.00	BB-	14,720,849
2,500	Grand Bay at Doral Community Development District, Miami-Dade County, Florida, Special Assessment Bonds, Doral Breeze Project Series 2012, 5.500%, 11/01/32	11/22 at 100.00	N/R	2,688,075
1,000	Grand Bay at Doral Community Development District, Miami-Dade County, Florida, Special Assessment Improvement Bonds, Assessment Area Two Project, Refunding Series 2014A-2, 6.500%, 5/01/39	5/24 at	N/R	1,048,420
1,950	Harmony Community Development District, Florida, Capital Improvement Revenue Bonds, Special Assessment, Refunding Series 2014, 5.250%, 5/01/32	5/24 at 100.00	N/R	2,014,740
1,000	Jacksonville Economic Development Commission, Florida, Industrial Development Revenue Bonds, Gerdau Ameristeel US Inc. Project, Series 2007, 5.300%, 5/01/37 (Alternative Minimum Tax)	7/18 at 100.00	Ba2	1,000,320
1,000	Special Assessment Bonds, Series 2012, 5.750%, 11/01/42	11/22 at 100.00	N/R	1,038,040
665	Lakewood Ranch Stewardship District, Florida, Special Assessment Revenue Bonds, Lakewood Centre North Project, Series 2015, 4.875%, 5/01/45	5/25 at 100.00	N/R	665,978
2,000	Lee County Industrial Development Authority, Florida, Charter School Revenue Bonds, Lee County Community Charter Schools, Series 2007A, 5.375%, 6/15/37	7/18 at 100.00	ВВ	1,999,960
630	Lee County Industrial Development Authority, Florida, Healthcare Facilities Revenue Bonds, Preserve Project, Series 2017A., 5.750%,	12/22 at 105.00	N/R	637,365

	12/01/52, 144A			
12,190	Miami Beach, Florida, Resort Tax Revenue Bonds, Series 2015, 5.000%, 9/01/45 (UB)	9/25 at 100.00	AA-	13,437,281
750	Miami Dade County Industrial Development Authority, Florida, Educational Facilities Revenue Bonds, South Florida Autism Charter School Project, Series 2017, 6.000%, 7/01/47, 144A	7/27 at 100.00	N/R	729,810
1,085	Miami World Center Community Development District, Miami-Dade County, Florida, Special Assessment Bonds, Series 2017, 5.250%, 11/01/49	11/27 at 100.00	N/R	1,142,342
750	Miami-Dade County Industrial Development Authority, Florida, Revenue Bonds, Youth Co-Op Charter Schools Project, Series 2015A, 6.000%, 9/15/45, 144A	9/25 at 100.00	N/R	758,385
	Miami-Dade County, Florida, Aviation Revenue Bonds, Series 2008, Tender Option Bond Trust 2016-XG0010:			
486	13.371%, 10/01/38, 144A – AGC Insured (Pre-refunded 10/01/18) (Alternative Minimum Tax) (IF) (5)	10/18 at 100.00	A2 (6)	512,560
84	13.371%, 10/01/38, 144A – AGC Insured (Alternative Minimum Tax) (IF) (5)	10/18 at 100.00	A2	88,591
430	13.371%, 10/01/38, 144A – AGC Insured (Pre-refunded 10/01/18)(Alternative Minimum Tax) (IF) (5)	10/18 at 100.00	A2 (6)	453,500
12,430	Miami-Dade County, Florida, General Obligation Bonds, Series 2015D, 5.000%, 7/01/45 (UB)	7/26 at 100.00	AA	13,912,029
1,250	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Tender Option Bond Trust 2016-XG0030, 12.735%, 10/01/39, 144A – AGM Insured (Pre-refunded 10/01/20) (IF)	10/20 at 100.00	A+ (6)	1,604,125
930	Northern Palm Beach County Improvement District, Florida, Water Control and Improvement Bonds, Development Unit 53, Series 2015, 5.500%, 8/01/46	8/26 at 100.00	N/R	968,046
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NMZ Nuveen Municipal High Income Opportunity Fund Portfolio of Investments (continued) April 30, 2018 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(222)	Florida (continued) Palm Beach County Health Facilities Authority, Florida, Revenue Bonds, Sinai Residences of Boca Raton Project, Series 2014A:			
\$620	7.000%, 6/01/29	6/22 at 102.00	N/R	\$708,759
3,110	7.500%, 6/01/49	6/22 at 102.00	N/R	3,600,789
3,680	Pine Island Community Development District, Florida, Special Assessment Bonds, Bella Collina, Series 2004, 5.750%, 5/01/35	7/18 at 100.00	N/R	3,628,995
1,710	Reunion West Community Development District, Florida, Special Assessment Bonds, Series 2004A-1, 6.250%, 5/01/36	5/22 at 100.00	N/R	1,831,923
2,500	Rolling Oaks Community Development District, Florida, Special Assessment Bonds, Series 2016, 6.000%, 11/01/47	11/27 at 100.00	N/R	2,636,900
990	Shingle Creek Community Development District, Florida, Special	11/25 at	N/R	994,237
890	Sweetwater Creek Community Development District, Saint John's County, Florida, Capital Improvement Revenue Bonds, Series 2007A, 5.500%, 5/01/38	S _{7/18} at 100.00	N/R	890,027
2,515	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-3, 0.000%, 5/01/40 (10)	5/19 at 100.00	N/R	2,380,221
1,540	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-4, 0.000%, 5/01/40 (10)	5/22 at 100.00	N/R	1,222,991
	Tolomato Community Development District, Florida, Special Assessment Bonds, Hope Note, Series 2007-3:			
120		No Opt. Call	N/R	1
1,360	6.650%, 5/01/40 (4)	5/18 at 100.00	N/R	14
2,845	Tolomato Community Development District, Florida, Special Assessment Bonds, Hope Note, Series 2007A-2, 5.250%, 5/01/39 (4)	11/18 at 100.00	N/R	28
120	Tolomato Community Development District, Florida, Special Assessment Bonds, Non Performing Parcel Series 2007-1. RMKT, 6.650%, 5/01/40	5/18 at 100.00	N/R	116,366
600	Tolomato Community Development District, Florida, Special Assessment Bonds, Non Performing Parcel Series 2007A-1. RMKT, 5.250%, 5/01/39	11/18 at 100.00	N/R	526,554
3,740	KWIK1, 3.230 %, 3/01/37		N/R	2,978,686

	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-1, 0.000%, 5/01/40 (4	5/18 at)100.00		
2,300	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-2, 0.000%, 5/01/40 (4)	5/18 at)100.00	N/R	1,507,121
2,505	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-3, 6.610%, 5/01/40 (4)		N/R	25
3,660	Tolomato Community Development District, Florida, Special Assessment Bonds, Series 2006, 5.400%, 5/01/37	7/18 at 100.00	N/R	3,663,697
3,475	Twin Creeks North Community Development District, Florida, Special Assessment Bonds, Master Infrastructure Improvements, Series 2016A-2, 6.375%, 11/01/47	11/31 at 100.00	N/R	3,644,545
1,000	Venetian Parc Community Development District, Miami-Dade County, Florida, Special Assessment Bonds, Area One Project, Series 2013, 6.500%, 11/01/43	11/28 at 100.00	N/R	1,299,540
1,000	Waterset North Community Development District, Hillsborough County, Florida, Special Assessment Revenue Bonds, Series 2014, 5.500%, 11/01/45	11/24 at 100.00	N/R	1,054,630
1,000	Windsor at Westside Community Development District, Osceola County, Florida, Special Assessment Bonds, Area 1 Project, Series 2015, 5.125%, 11/01/45	11/25 at 100.00	N/R	979,070
129,310	Total Florida			127,032,268
	Georgia – 1.0% (0.7% of Total Investments) Atlanta Urban Residential Finance Authority, Georgia,	11/00		
1,000	Multifamily Housing Revenue Bonds, Trestletree Village Apartments, Series 2013A, 5.000%, 11/01/48	11/23 at 100.00	BBB+	1,009,080
800	Atlanta, Georgia, Tax Allocation Bonds, Beltline Project Series 2008A. Remarketed, 7.500%, 1/01/31 (Pre-refunded 1/01/19)	1/19 at 100.00	A2 (6)	828,736
1,250	Clayton County Development Authority, Georgia, Special Facilities Revenue Bonds, Delta Air Lines, Inc. Project, Series 2009A, 8.750%, 6/01/29	6/20 at 100.00	BB+	1,402,500
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$1,880	Georgia (continued) Douglas County Development Authority, Georgia, Charter School Revenue Bonds, Brighten Academy Project, Series 2013A, 7.125%, 10/01/43	10/23 at		51,975,523
1,000	Fulton County Development Authority, Georgia, Revenue Bonds, Amana Academy Project, Series 2013A, 6.500%, 4/01/43 Liberty County Industrial Authority, Georgia, Revenue Bonds, Series 2014:	4/23 at 100.00	N/R	952,650
392	5.500%, 7/15/23	7/21 at 100.00	N/R	394,405
767	5.500%, 7/15/30	7/21 at 100.00	N/R	771,359
842	5.500%, 1/15/36	7/21 at 100.00	N/R	847,053
7,931	Total Georgia Guam – 0.3% (0.2% of Total Investments)			8,181,306
2,445	Guam Government, General Obligation Bonds, 2009 Series A, 7.000%, 11/15/39 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R (6)	2,628,619
330	Guam International Airport Authority, Revenue Bonds, Series 2013C, 6.375%, 10/01/43 (Alternative Minimum Tax)	10/23 at 100.00	BBB	375,454
2,775 1,655	Total Guam Hawaii – 0.2% (0.1% of Total Investments) Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaiian Electric Company, Inc. and Subsidiary Projects, Series 2009, 6.500%, 7/01/39	7/19 at 100.00	BBB-	3,004,073 1,736,658
500	Idaho – 0.1% (0.0% of Total Investments) Idaho Health Facilities Authority, Revenue Bonds, Saint Luke's Health System Project, Tender Option Bond Trust 2016-XG0066, 11.427%, 3/01/47, 144A – AGM Insured (IF) (5) Illinois – 19.5% (13.6% of Total Investments)	3/22 at 100.00	A-	605,115
730	Bolingbrook, Illinois, Sales Tax Revenue Bonds, Series 2005, 6.250%, 1/01/24	7/18 at 100.00	N/R	722,912
10,670	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Capital Improvement Revenues, Series 2017, 6.000%, 4/01/46 (UB) (5)	4/27 at 100.00	A	12,426,069
1,000	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Refunding Series 2010F, 5.000%, 12/01/31	12/20 at 100.00	В3	1,002,370
15,385	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2016A, 7.000%, 12/01/44	12/25 at 100.00	В	17,671,826
2,025	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2016B, 6.500%, 12/01/46	12/26 at 100.00	В	2,290,538
9,910	Chicago Board of Education, Illinois, General Obligation Bonds, Dedicated Revenues, Series 2017A, 7.000%, 12/01/46, 144A	12/27 at 100.00	В	11,676,656
3,000	Chicago Metropolitan Water Reclamation District, Illinois, General Obligation Bonds, Series 2015A, 5.000%, 12/01/44 (UB)	12/24 at 100.00	AA+	3,266,040

7,500	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40 (UB) (5)	12/21 at 100.00	A3	8,002,950
1,595	Chicago, Illinois, Certificates of Participation Tax Increment Bonds 35th and State Redevelopment Project, Series 2012, 6.100%, 1/15/29	'6/18 at 100.00	N/R	1,593,327
2,567	Chicago, Illinois, Certificates of Participation, Tax Increment Allocation Revenue Bonds, Diversey-Narragansett Project, Series 2006, 7.460%, 2/15/26 (4)	7/18 at 100.00	N/R	1,864,279
2,000	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2014A, 5.250%, 1/01/30	1/24 at 100.00	Ba1	2,081,240
9,400	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2017A, 6.000%, 1/01/38	1/27 at 100.00	BBB-	10,408,808
1,000	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2005D, 5.500%, 1/01/37	1/25 at 100.00	Ba1	1,052,260
1,880	Chicago, Illinois, General Obligation Bonds, Refunding Series 2008A, 5.250%, 1/01/37 – FGIC Insured	7/18 at 100.00	Ba1	1,882,256
130	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C, 5.000%, 1/01/38	1/26 at 100.00	BBB-	132,729
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
, ,	Illinois (continued)	` ,	` '	
\$1,500	Chicago, Illinois, General Obligation Bonds, Variable Rate Demand Series 2007F, 5.500%, 1/01/42	1/25 at 100.00	Ba1 S	\$1,566,120
5,000	City of Chicago, Illinois, Chicago O'Hare International Airport, Senior Special Facilities Revenue Bonds, TRIPs Obligated Group, Series 2018., 5.000%, 7/01/48 (Alternative Minimum Tax)	7/28 at 100.00	BBB	5,444,500
4,000	Cook County, Illinois, Recovery Zone Facility Revenue Bonds, Navistar International Corporation Project, Series 2010, 6.750%, 10/15/40	10/20 at 100.00	B2	4,250,560
5,000	Illinois Finance Authority Revenue Bonds, Ness Healthcare NFP, Series 2016A, 6.375%, 11/01/46, 144A	11/26 at 100.00	N/R	4,662,850
1,000	Illinois Finance Authority, Recovery Zone Facility Revenue Bonds, Navistar International Corporation Project, Series 2010, 6.750%, 10/15/40	10/20 at 100.00	B2	1,062,640
1,000	Illinois Finance Authority, Revenue Bonds, Lake Forest College, Series 2012A, 6.000%, 10/01/48	10/22 at 100.00	BBB-	1,068,720
5,000	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Healthcare, Series 2017A, 4.000%, 7/15/47 (UB) (5)	1/28 at 100.00	AA+	5,084,350
11,175	Illinois Finance Authority, Revenue Bonds, Presence Health Network, Series 2016C, 4.000%, 2/15/41 (UB)	2/27 at 100.00	Aa2	11,108,285
	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A:			
25	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (6)	26,828
2,875	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (6)	3,085,277
	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009:			
2,000	6.875%, 8/15/38 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (6)	2,124,160
3,850	7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (6)	4,095,091
	Illinois Finance Authority, Revenue Bonds, The Carle Foundation, Tender Option Bond Trust 2015-XF0121:			
250	16.619%, 8/15/41, 144A – AGM Insured (IF) (5)	8/21 at 100.00	A2	355,715
1,685	16.609%, 8/15/41, 144A – AGM Insured (IF) (5)	8/21 at 100.00	A2	2,396,980
5,000	Illinois Finance Authority, Revenue Bonds, The University of Chicago Medical Center, Series 2016B, 4.000%, 8/15/41 (UB) (5)	2/27 at 100.00	AA-	4,954,850

	Illinois State, General Obligation Bonds, November Series 2016:			
1,000	5.000%, 11/01/35	11/26 at 100.00	BBB-	1,022,930
1,000	5.000%, 11/01/37	11/26 at 100.00	BBB-	1,020,820
630	Illinois State, General Obligation Bonds, Series 2012A, 5.000%, 3/01/36	3/22 at 100.00	BBB-	635,853
9,945	Illinois State, General Obligation Bonds, Series 2017D, 5.000%, 11/01/27 (UB) (5)	No Opt. Call	BBB-	10,372,734
5,445	Illinois State, Sales Tax Revenue Bonds, Series 2016C, 4.000%, 6/15/31 (UB) (5)	6/26 at 100.00	A-	5,600,836
2,000	Lombard Public Facilities Corporation, Illinois, Conference Center and Hotel Revenue Bonds, First Tier Series 2005A-2., 5.500%, 1/01/36 – ACA Insured	r 1/19 at 100.00	N/R	1,842,840
1,431	Lombard Public Facilities Corporation, Illinois, Third Tier Conference Center and Hotel Revenue Bonds, Series 2005C-3, 12.000%, 1/01/36, 144A (4)	7/18 at 100.00	N/R	14
10,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A, 0.000%, 12/15/33 – NPFG Insured	No Opt. Call	BB+	4,810,800
800	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010, 6.000%, 6/01/28 (Pre-refunded 6/01/21)	6/21 at 100.00	N/R (6)	892,328
930	Rantoul, Champaign County, Illinois, Tax Increment Revenue Bonds, Evans Road Series 2013B, 7.000%, 12/01/33	12/23 at 100.00	N/R	954,896
6,170	Sales Tax Securitization Corporation, Illinois, Sales Tax Securitization Bonds, Series 2018A, 5.000%, 1/01/31 (UB) (5)	1/28 at 100.00	AA	7,031,641
1,000	Southwestern Illinois Development Authority, Health Facility Revenue Bonds, Memorial Group, Inc., Series 2013, 7.125%, 11/01/43 (Pre-refunded 11/01/23)	11/23 at 100.00	N/R (6)	1,240,820
750	Springfield, Sangamon County, Illinois, Special Service Area, Legacy Pointe, Special Assessment Bonds, Series 2009, 7.875%, 3/01/32	3/19 at 100.00	N/R	758,902
895	Yorkville United City Business District, Illinois, Storm Water and Water Improvement Project Revenue Bonds, Series 2007, 6.000%, 1/01/26 (13)	1/19 at '100.00	N/R	474,350
160,148 104	Total Illinois			164,020,950

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
` '	Indiana – 2.3% (1.6% of Total Investments)	` '	` '	
\$4,460	Carmel Redevelopment District, Indiana, Tax Increment Revenue Bonds, Series 2004A, 6.650%, 1/15/24	7/18 at 100.00	N/R	\$4,415,489
1,000	Indiana Bond Bank, Special Program Bonds, Hendricks Regional Health Project, Tender Option Bond Trust 2016-XL0019, 13.721%, 4/01/30, 144A – AMBAC Insured (IF) (5)	No Opt. Call	AA	1,862,600
1,250	Indiana Bond Bank, Special Program Gas Revenue Bonds, JP Morgan Ventures Energy Corporation Guaranteed, Tender Option Bond Trust 2015-XF0115, 12.702%, 10/15/20, 144A (IF) (5)	No Opt. Call	A+	1,608,425
1,000	Indiana Finance Authority, Educational Facilities Revenue Bonds, Discovery Charter School Project, Series 2015A, 7.250%, 12/01/45	12/25 at 100.00	BB-	1,008,590
1,000	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2011, 6.000%, 12/01/19	No Opt. Call	В	1,035,580
2,000	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	8/22 at 100.00	В	2,014,760
500	Indiana Finance Authority, Hospital Revenue Bonds, King's Daughters' Hospital and Health Services, Series 2010, 5.500%, 8/15/45	8/20 at 100.00	Baa2	520,080
	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group Revenue Bonds, Tender Option Bond Trust 2015-XF0106:			
1,290	12.767%, 12/01/37, 144A (Pre-refunded 12/01/20) (IF) (5)	12/20 at 100.00	AA- (6)	1,669,273
1,250	13.767%, 12/01/38, 144A (Pre-refunded 12/01/19) (IF) (5)	12/19 at 100.00	AA- (6)	1,509,512
1,000	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	1,124,850
970	St. Joseph County, Indiana, Economic Development Revenue Bonds, Chicago Trail Village Apartments, Series 2005A, 7.500%, 7/01/35	7/18 at 100.00	N/R	965,228
1,375	Terre Haute, Indiana, Economic Development Solid Waste Facility Revenue Bonds, Pyrolyx USA Indiana, LLC Project, Series 2017A,	No Opt. Call	N/R	1,364,880
17,095	7.250%, 12/01/28 (Alternative Minimum Tax) Total Indiana Iowa – 0.8% (0.6% of Total Investments)			19,099,267
1,030	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Alcoa Inc. Project, Series 2012, 4.750%, 8/01/42	8/22 at 100.00	Ba2	1,056,605
2,000	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.250%, 12/01/25	12/23 at 100.00	В-	2,131,080
	Iowa Tobacco Settlement Authority, Asset Backed Settlement			
1,000	Revenue Bonds, Series 2005C: 5.375%, 6/01/38		B2	1,002,450

			7/18 at 100.00		
	2,900	5.625%, 6/01/46	7/18 at 100.00	В	2,915,022
	6,930	Total Iowa			7,105,157
		Kansas – 0.7% (0.5% of Total Investments)			
	5,305	University of Kansas Hospital Authority, Health Facilities Revenue Bonds, KU Health System, Refunding & Improvement, Series 2015, 5.000%, 9/01/45 (UB) (5)	9/25 at 100.00	AA-	5,822,556
		Kentucky – 6.4% (4.4% of Total Investments)			
	565	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Owensboro Health, Refunding Series 2017A, 5.000%, 6/01/41	6/27 at 100.00	BB+	599,250
	12,665	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Owensboro Health, Series 2017A, 5.000%, 6/01/45 (UB) (5)	6/27 at 100.00	BB+	13,373,987
	500	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.000%, 6/01/30 (Pre-refunded 6/01/20)	6/20 at 100.00	Baa3 (6)	539,910
1	.05				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
` '	Kentucky (continued) Kentucky Economic Development Finance Authority, Revenue Bonds, Next Generation Kentucky Information Highway Project, Series 2015A:			
\$11,000	5.000%, 7/01/37 (UB)	7/25 at 100.00	Baa2	\$11,655,710
9,295	5.000%, 7/01/40 (UB)	7/25 at 100.00	Baa2	9,817,844
16,800	5.000%, 1/01/45 (UB)	7/25 at 100.00	Baa2	17,702,160
50,825	Total Kentucky Louisiana – 1.9% (1.3% of Total Investments)			53,688,861
2,280	Ascension Parish Industrial development Board, Louisiana, Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.000%, 7/01/36 Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, Southgate	7/23 at 100.00	N/R	2,453,257
	Suites Retail Project, Series 2007A:	7/18 at		
7,000	6.750%, 12/15/37 (4)	100.00	N/R	4,900,000
1,115	6.000%, 12/15/37 (4)	7/18 at 100.00	N/R	780,500
100	Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, Southgate Suites Retail Project, Series 2007B, 9.000%, 12/15/18 (4)	No Opt. Call	N/R	70,000
500	Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, Westlake Chemical Corporation Projects, Series 2010A-1, 6.500%, 11/01/35 Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, Womans Hospital Foundation Project, Tender Option Bonds Trust 2016-XF2336:	11/20 at 100.00	Baa3	550,810
750	15.895%, 10/01/40, 144A (Pre-refunded 10/01/20) (IF) (5)	10/20 at 100.00	A (6)	1,020,330
750	15.886%, 10/01/40, 144A (Pre-refunded 10/01/20) (IF) (5)	10/20 at 100.00	A (6)	1,020,165
1,000	Louisiana Public Facilities Authority, Dock and Wharf Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013,	7/23 at 100.00	N/R	1,108,640
1,865	6.500%, 7/01/36, 144A (Alternative Minimum Tax)		N/R	2,007,822

	Louisiana Public Facilities Authority, Revenue Bonds, Lake Charles Charter Academy Foundation Project, Series 2011A, 7.750%, 12/15/31	12/21 at 100.00		
2,110	Louisiana Public Facilities Authority, Revenue Bonds, Southwest Louisiana Charter Academy Foundation Project, Series 2013A, 8 125% 12/15/33	12/23 at 100.00	N/R	2,261,561
2,000	Louisiana Public Facilities Authority, Solid Waste Disposal Facility Revenue Bonds, Louisiana Pellets Inc. Project, Series 2015, 7.000%, 7/01/24, 144A (Alternative Minimum Tax) (4)	No Opt.	N/R	20
19,470	Total Louisiana			16,173,105
	Maine – 0.4% (0.3% of Total Investments)			
3,155	Portland Housing Development Corporation, Maine, Section 8 Assisted Senior Living Revenue Bonds, Avesta Housing Development Corporation, Series 2004A, 6.000%, 2/01/34	7/18 at 100.00	Baa2	3,159,228
	Maryland – 0.8% (0.6% of Total Investments)			
3,000	Maryland Economic Development Corporation, Port Facilities Revenue Bonds, CNX Marine Terminals Inc. Port of Baltimore Facility, Refunding Series 2010, 5.750%, 9/01/25	9/20 at 100.00	BB-	3,131,850
4,000	Maryland Economic Development Corporation, Revenue Bonds, Chesapeake Bay Hyatt Conference Center, Series 2006A, 5.000%, 12/01/31 (4)	7/18 at 100.00	N/R	2,400,000
2,500	Maryland Economic Development Corporation, Revenue Bonds, Chesapeake Bay Hyatt Conference Center, Series 2006B, 5.250%, 12/01/31 (4)	7/18 at 100.00	N/R	1,500,000
9,500	Total Maryland			7,031,850
	Massachusetts – 1.8% (1.2% of Total Investments)			
5,735	Massachusetts Educational Financing Authority, Education Loan Revenue Bonds, Series 2017B, 4.250%, 7/01/46 (Alternative Minimum Tax) (UB) (5)	7/26 at 100.00	A	5,770,156
480	Massachusetts Port Authority, Special Facilities Revenue Bonds, Delta Air Lines Inc., Series 2001A, 5.000%, 1/01/27 – AMBAC Insured (Alternative Minimum Tax)	7/18 at 100.00	N/R	486,010
	Massachusetts State, General Obligation Bonds, Consolidated			
	Loan, Series 2016E,			
2,985	Massachusetts State, General Obligation Bonds, Consolidated Loan, Series 2016E, 4.000%, 4/01/33 (UB)	4/25 at 100.00	AA	3,126,340
106	Loan, Series 2010E, 4.000 %, 4/01/33 (OB)	100.00		

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$5,000 14,200	Massachusetts (continued) Massachusetts State, General Obligation Bonds, Consolidated Loan, Series 2016A, 5.000%, 3/01/46 (UB) (5) Total Massachusetts			\$5,517,000 14,899,506
14,200	Michigan – 1.3% (0.9% of Total Investments) Detroit Local Development Finance Authority, Michigan, Tax Increment Bonds, Series 1998A:			14,899,500
485	5.500%, 5/01/21	5/18 at 100.00	В-	479,170
10	5.500%, 5/01/21 – ACA Insured	7/18 at 100.00	В-	9,880
88	Detroit, Michigan, General Obligation Bonds, Series 2003A, 5.250%, 4/01/22 – SYNCORA GTY Insured	7/18 at 100.00	N/R	84,894
116	Detroit, Michigan, General Obligation Bonds, Series 2004A-1, 5.250%, 4/01/19 – AMBAC Insured	7/18 at 100.00	N/R	115,702
930	Michigan Finance Authority, Public School Academy Limited Obligation Revenue Bonds, Hope Academy Project, Series 2011, 8.125%, 4/01/41	4/21 at 100.00	В	782,883
1,250	Michigan Finance Authority, Public School Academy Limited Obligation Revenue Bonds, Voyageur Academy Project, Refunding Series 2017. Private Placement of 2017, 5.900%, 7/15/46, 144A	7/27 at 100.00	N/R	1,018,875
1,620	Michigan Public Educational Facilities Authority, Charter School Revenue Bonds, American Montessori Academy, Series 2007, 6.500%, 12/01/37	7/18 at 100.00	N/R	1,618,105
1,000	Michigan Public Educational Facilities Authority, Limited Obligation Revenue Bonds, Chandler Park Academy Project, Series 2008, 6.500%, 11/01/35	7/18 at 100.00	BBB	1,001,180
1,000	Michigan Public Educational Facilities Authority, Limited Obligation Revenue Bonds, Richfield Public School Academy, Series 2007, 5.000%, 9/01/36	7/18 at 100.00	BBB–	981,110
825	Michigan Public Educational Facilities Authority, Limited Obligation Revenue Bonds, David Ellis Academy-West Charter School Project, Series 2007, 5.875%, 6/01/37	7/18 at 100.00	N/R	793,411
905	Michigan Strategic Fund, Limited Obligation Revenue Bonds, Detroit Thermal LLC Project, Series 2013, 8.500%, 12/01/30, 144A (Alternative Minimum Tax)	12/23 at 100.00	N/R	956,160
1,000	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded 9/01/18)	9/18 at 100.00	Aaa	1,021,250
500	Summit Academy, Michigan, Revenue Bonds, Public School Academy Series 2005, 6.375%, 11/01/35	7/18 at 100.00	BB-	500,310
1,200	University of Michigan, General Revenue Bonds, Series 2015, 5.000%, 4/01/46 (UB) (5)	4/26 at 100.00	AAA	1,361,592
10,929	Total Michigan Minnesota – 0.8% (0.5% of Total Investments)			10,724,522

665	Brooklyn Park, Minnesota, Charter School Lease Revenue Bonds, Athlos Leadership Academy Project, Series 2015A, 5.500%, 7/01/35	7/25 at 100.00	N/R	662,021
1,000	Columbus, Minnesota, Charter School Lease Revenue Bonds, New Millennium Academy Project, Series 2015A, 6.000%, 7/01/45	7/25 at 100.00	В-	829,480
505	Greenwood, Minnesota, Charter School Lease Revenue Bonds, Main Street School of Performing Arts Project, Series 2016A, 5.000%, 7/01/47	7/26 at 100.00	N/R	463,696
2,000	Saint Paul Housing & Redevelopment Authority, Minnesota, Charter School Lease Revenue Bonds, Community School of Excellence, Series 2016A, 5.750%, 7/01/47, 144A	7/26 at 100.00	N/R	1,841,340
3,000	Saint Paul Port Authority, Minnesota, Solid Waste Disposal Revenue Bonds, Gerdau Saint Paul Steel Mill Project, Series 2012-7, 4.500%, 10/01/37, 144A (Alternative Minimum Tax)	10/22 at 100.00	Ba2	2,811,360
7,170	Total Minnesota			6,607,897
647	Mississippi – 0.2% (0.1% of Total Investments) Mississippi Home Corporation, Multifamily Housing Revenue Bonds, Tupelo Personal Care Apartments, Series 2004-2, 6.125%, 9/01/34 (Alternative Minimum Tax)	10/19 at 100.00	N/R	592,528
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	1,016,800
1,647 107	Total Mississippi			1,609,328

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
, ,	Missouri – 2.3% (1.6% of Total Investments)	` ,	` /	
\$1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A- S	\$1,032,590
2,000	Joplin Industrial Development Authority, Missouri, Tax Increment Revenue Bonds, Joplin Recovery TIF Redevelopment Project, Series 2013B, 5.875%, 4/01/36	4/23 at 100.00	N/R	2,101,960
655	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, 144A	4/26 at 100.00	N/R	663,083
2,000	Liberty, Missouri, Special Obligation Tax Increment and Special Districts Bonds, Liberty Commons Project, Subordinate Lien Series 2015B, 8.500%, 6/15/46, 144A	6/25 at 100.00	N/R	1,978,600
10,000	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Mercy Health, Series 2017C, 4.000%, 11/15/49 (UB) (5)	11/27 at 100.00	AA-	10,086,800
1,100	Saint Louis Industrial Development Authority, Missouri, Confluence Academy Project, Series 2007A, 5.350%, 6/15/32	100.00	N/R	1,022,571
1,000	Saint Louis Land Clearance for Redevelopment Authority, Missouri, Tax-Exempt Recovery Zone Facilities Improvement, Special Revenue Bonds, Kiel Opera House Project, Series 2010B, 7.000%, 9/01/35	9/20 at 100.00	N/R	1,035,160
1,353	Saint Louis, Missouri, Tax Increment Financing Revenue Bonds, Fashion Square Redevelopment Project, Series 2008A, 6.300%, 8/22/26	8/18 at 100.00	N/R	1,338,239
732	Saint Louis, Missouri, Tax Increment Financing Revenue Bonds, Grace Lofts Redevelopment Projects, Series 2007A, 6.000%, 3/27/26	9/18 at 100.00	N/R	387,960
19,840	Total Missouri			19,646,963
	Nevada – 0.5% (0.4% of Total Investments) Clark County, Nevada, General Obligation Bank Bonds, Southern Nevada Water Authority Lean, Tender Option Bank Trust	6/18 at	A A . (6)	2 526 600
2,500	Nevada Water Authority Loan, Tender Option Bond Trust 2016-XG0031, 12.935%, 6/01/33, 144A (Pre-refunded 6/01/18) (IF) Sparks Tourism Improvement District 1, Legends at Sparks Marina, Nevada, Senior Sales Tax Revenue Bonds Series 2008A:	100.00	AA+ (0)	2,526,600
435	6.500%, 6/15/20, 144A	6/18 at 100.00	Ba3	436,370
1,500	6.750%, 6/15/28, 144A	6/18 at 100.00	Ba3	1,504,515

4,435	Total Nevada			4,467,485
	New Jersey – 7.0% (4.9% of Total Investments)			
2,500	New Jersey Economic Development Authority, Lease Revenue Bonds, Series 2018A, 5.000%, 6/15/47 (UB) (5)	12/27 at 100.00	BBB+	2,652,750
5,000	New Jersey Economic Development Authority, Lease Revenue Bonds, Series 2018C, 5.000%, 6/15/47 (UB) (5)	12/27 at 100.00	BBB+	5,305,500
9,500	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2017DDD, 5.000%, 6/15/42 (UB) (5)	6/27 at 100.00	BBB+	10,092,610
2,100	New Jersey Economic Development Authority, Special Facilities Revenue Bonds, Continental Airlines Inc., Series 1999, 5.250%, 9/15/29 (Alternative Minimum Tax)	8/22 at 101.00	Ba3	2,281,041
1,080	New Jersey Economic Development Authority, Special Facilities Revenue Bonds, Continental Airlines Inc., Series 2000A & 2000B, 5.625%, 11/15/30 (Alternative Minimum Tax)	3/24 at 101.00	Ba3	1,210,280
1,000	New Jersey Economic Development Authority, Student Housing Revenue Bonds, Provident Group-Montclair Properties LLC, Montclair State University Student Housing Project, Series 2010A, 5.875%, 6/01/42 (Pre-refunded 6/01/20)	6/20 at 100.00	Aaa	1,079,420
600	New Jersey Educational Facilities Authority, Revenue Bonds, University of Medicine and Dentistry of New Jersey, Refunding Series 2009B, 7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (6)	635,154
5,200	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	7/18 at 100.00	BB+	5,225,896
8,230	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Saint Joseph's Healthcare System Obligated Group Issue, Refunding Series 2016, 5.000%, 7/01/41	7/26 at 100.00	BBB-	8,698,122
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	New Jersey (continued) New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Saint Joseph's Healthcare System Obligated Group Issue, Series 2008:			
\$355	6.000%, 7/01/18 (ETM)	No Opt. Call	Baa3 (6) 5	\$357,410
2,000	6.625%, 7/01/38 (Pre-refunded 7/01/18)	7/18 at 100.00	Baa3 (6)	2,015,440
480	New Jersey Higher Education Assistance Authority, Student Loan Revenue Bonds, Series 2008A, 6.125%, 6/01/30 – AGC Insured (Alternative Minimum Tax)	6/18 at 100.00	AA	481,133
40,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2006C, 0.000%, 12/15/36 – AMBAC Insured (UB) (5)	l ^{No Opt.} Call	BBB+	16,538,800
2,200	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2018B., 5.000%, 6/01/46	6/28 at 100.00	BBB	2,313,784
80,245	Total New Jersey New Mexico – 0.7% (0.5% of Total Investments)			58,887,340
375	Mariposa East Public Improvement District, New Mexico, Revenue Bonds, Capital Appreciation Taxable Series 2015D, 0.000%, 9/01/32 (4)	9/18 at 50.09	N/R	56,250
60	Mariposa East Public Improvement District, New Mexico, Special Levy Revenue Bonds, Series 2015A, 5.900%, 9/01/32	9/25 at 100.00	N/R	59,768
280	Mariposa East Public Improvement District, New Mexico, Special Levy Revenue Bonds, Series 2015B, 5.900%, 9/01/32	9/25 at 100.00	N/R	277,875
435	Mariposa East Public Improvement District, New Mexico, Special Levy Revenue Bonds, Series 2015C, 5.900%, 9/01/32	9/25 at 100.00	N/R	414,716
1,210	Mesa Del Sol Public Improvement District 1, Albuquerque, New Mexico, Special Levy Revenue Bonds, Series 2013, 7.250%, 10/01/43	10/23 at 100.00	N/R	1,251,321
965	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 5.875%, 7/01/30	7/20 at 100.00	BBB	1,021,202
1,020	Volterra Public Improvement District, Albuquerque, New Mexico, Special Levy Revenue Bonds, Series 2014, 6.750%, 10/01/33 Winrock Town Center Tax Increment Development District,	10/24 at 100.00	N/R	1,044,919
1,575	Albuquerque, New Mexico, Gross Receipts Tax Increment Bonds, Senior Lien Series 2015, 6.000%, 5/01/40, 144A	5/20 at 103.00	N/R	1,593,932
5,920	Total New Mexico New York – 11.4% (7.9% of Total Investments)			5,719,983
3,830	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project. Refunding Series 2016A, 5.000%, 7/15/42	1/27 at '100.00	BBB-	4,182,475
1,000	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project	1/20 at , 100.00	AA+ (6)	1,075,120

	Series 2009, 6.375%, 7/15/43 (Pre-refunded 1/15/20)			
4,000	Build NYC Resource Corporation, New York, Revenue Bonds, Albert Einstein College of Medicine, Inc., Series 2015, 5.500%, 9/01/45, 144A	9/25 at 100.00	N/R	4,322,320
200	Dormitory Authority of the State of New York, Revenue Bonds, Orange Regional Medical Center Obligated Group, Series 2017, 5.000%, 12/01/36, 144A	6/27 at 100.00	BBB-	215,096
5,000	Dutchess County Local Development Corporation, New York, Revenue Bonds, Health Quest Systems, Inc. Project, Series 2016B, 4.000%, 7/01/41 (UB) (5)	7/26 at 100.00	A-	5,058,900
10,000	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2016C-1, 5.000%, 11/15/56 (UB) New York City Industrial Development Agency, New York, Civic	11/26 at 100.00	A+	10,997,800
	Facility Revenue Bonds, Bronx Parking Development Company, LLC Project, Series 2007:			
1,500	5.750%, 10/01/37 (4)	7/18 at 100.00	N/R	465,000
5,000	5.875%, 10/01/46 (4)	10/37 at 100.00	N/R	1,550,000
650	New York City Industrial Development Agency, New York, Civic Facility Revenue Bonds, Special Needs Facilities Pooled Program, Series 2008A-1, 5.800%, 7/01/23	7/18 at 100.00	N/R	639,535
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(555)	New York (continued)	(_)	(-)	
\$17,000	New York City Transitional Finance Authority, New York, Building Aid Revenue Bonds, Series 2016S-1, 5.000%, 7/15/43 (UB)	1/26 at 100.00	AA S	518,962,990
7,075	New York City, New York, General Obligation Bonds, Series 2016A-1, 5.000%, 8/01/38 (UB)	8/26 at 100.00	AA	8,002,320
500	New York Liberty Development Corporation, Liberty Revenue Bonds, Secured by Port Authority Consolidated Bonds, Tender Option Bonds Trust 2016-XG0062, 12.960%, 12/15/41, 144A (IF) (5)	12/21 at 100.00	AA-	662,575
3,000	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44, 144A	11/24 at 100.00	N/R	3,156,900
3,250	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 2 Series 2014, 5.150%, 11/15/34, 144A	11/24 at 100.00	N/R	3,542,078
6,000	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 3 Series 2014, 7.250%, 11/15/44, 144A	11/24 at 100.00	N/R	7,130,700
1,375	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, Bank of America Tower at One Bryant Park Project Second Priority Refunding Series 2010, 6.375%, 7/15/49 New York Liberty Development Corporation, Second Priority Liberty Revenue Refunding Bonds, Bank of America Tower at One Bryant Park Project, Tender Option Bond Trust 2016-XG0018:	1/20 at '100.00	BBB-	1,454,929
625	13.625%, 1/15/44, 144A (IF) (5)	1/20 at 100.00	AA	738,763
250	13.625%, 1/15/44, 144A (IF) (5)	1/20 at 100.00	AA	295,505
1,900	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 (Alternative Minimum Tax)	8/21 at 100.00	BB-	2,006,989
1,000	New York Transportation Development Corporation, Special Facilities Bonds, LaGuardia Airport Terminal B Redevelopment Project, Series 2016A, 5.000%, 7/01/46 (Alternative Minimum Tax) New York Transportation Development Corporation, Special	7/24 at 100.00	Baa3	1,071,590
4,985	Facilities Bonds, LaGuardia Airport Terminal Project, Series 2016A, 5.000%, 7/01/46 – AGM Insured (Alternative Minimum Tax) (UB)	7/24 at 100.00	A2	5,370,341
3,265	(5)		AA-	3,649,225

	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, Series 2017, 5.000%, 4/15/57 (UB) (5)	100.00		
530	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	579,963
9,975	Westchester County Local Development Corporation, New York, Revenue Bonds, Westchester Medical Center Obligated Group Project, Series 2016, 5.000%, 11/01/46 (UB) (5)	11/25 at 100.00	BBB	10,536,194
91,910	Total New York			95,667,308
940	North Carolina – 0.4% (0.3% of Total Investments) Charlotte-Mecklenberg Hospital Authority, North Carolina, Health Care Revenue Bonds, DBA Carolinas HealthCare System, Tender Option Bond Trust 2016-XF2222, 13.981%, 1/15/42, 144A (IF) North Carolina Capital Facilities Financing Agency, Educational Facilities Revenue Bond, Meredith College, Series 2008A:	1/21 at 100.00	AA-	1,222,207
970	6.000%, 6/01/31	6/18 at 100.00	BBB+	973,434
30	6.000%, 6/01/31 (Pre-refunded 6/01/18)	6/18 at 100.00	N/R (6)	30,104
1,000	6.125%, 6/01/35 (Pre-refunded 6/01/18)	6/18 at 100.00	BBB+ (6)	1,003,560
2,940	Total North Carolina			3,229,305
	North Dakota – 0.1% (0.1% of Total Investments)			
2,000	Williston, North Dakota, Multifamily Housing Revenue Bonds, Eagle Crest Apartments LLC Project, Series 2013, 7.750%, 9/01/38 (4)	9/23 at 100.00	N/R	800,000
	Ohio – 6.6% (4.5% of Total Investments)			
30,500	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Second Subordinate Capital Appreciation Turbo Term Series 2007C, 0.000%, 6/01/52	6/18 at 100.00	N/R	1,164,185
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(***)	Ohio (continued) Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:			
\$10,000	5.875%, 6/01/30	6/18 at 100.00	Caa1	\$9,996,100
6,875	5.750%, 6/01/34	6/18 at 100.00	Caa1	6,834,713
2,005	6.500%, 6/01/47	6/18 at 100.00	В-	2,033,070
10,500	5.875%, 6/01/47	6/18 at 100.00	В-	10,500,000
5,455	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37	6/22 at 100.00	Caa1	5,576,865
1,500	Butler County Port Authority, Ohio, Public Infrastructure Revenue Bonds, Liberty Center Project, Liberty Community Authority, Series 2014C, 6.000%, 12/01/43	s 12/22 at 100.00	N/R	1,463,550
1,270	Medina County Port Authority, Ohio, Development Revenue Bond, Fiber Network Project, Series 2010B, 6.000%, 12/01/30	12/20 at 100.00	A+	1,347,648
2,800	Ohio Air Quality Development Authority, Ohio, Air Quality Development Revenue Bonds, FirstEnergy Generation Corporation Project, Series 2009A, 5.700%, 8/01/20 (4)	No Opt. Call	D	1,295,000
2,000	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Generation Corporation Project, Refunding Series 2009C, 5.625%, 6/01/18 (4)	No Opt. Call	D	1,920,000
4,750	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2008C, 3.950%, 11/01/32 (Mandatory put 5/01/20) (Alternative Minimum Tax) (4)	No Opt. Call	D	2,196,875
1,250	Ohio State, Hospital Facility Revenue Refunding Bonds, Cleveland Clinic Health System Obligated Group, Tender Option Bond Trust 2015-XF0105, 12.867%, 1/01/39, 144A (Pre-refunded 1/01/19) (IF)	1/19 at 100.00	AA (6)	1,372,425
3,000	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2005B, 4.000%, 1/01/34 (Mandatory put 7/01/21) (4)	No Opt. Call	D	1,387,500
255	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2008B, 3.625%, 10/01/33 (Mandatory put 4/01/20) (4)	No Opt. Call	D	117,938
3,000	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2010B, 4.375%, 6/01/33 (Mandatory put 6/01/22) (4)	No Opt. Call	D	2,880,000
3,000	State of Ohio, Solid Waste Disposal Revenue Bonds (USG Corporation Project) Series 1997 Remarketed, 5.600%, 8/01/32	8/18 at 100.00	Ba2	3,004,800

	2,000	(Alternative Minimum Tax) Tuscarawas County Economic Development and Finance Alliance, Ohio, Higher Education Facilities Revenue Bonds, Ashland University, Refunding & Improvement Series 2015, 6.000%, 3/01/45	3/25 at 100.00	N/R	2,023,220
	6,000	Western Reserve Port Authority, Ohio, Solid Waste Facility Revenue Bonds, Central Waste Inc., Series 2007A, 6.350%, 7/01/27 (Alternative Minimum Tax) (4)	7/19 at 100.00	N/R	60
	96,160	Total Ohio			55,113,949
	2,000	Oklahoma – 0.3% (0.2% of Total Investments) Fort Sill Apache Tribe of Oklahoma Economic Development Authority, Gaming Enterprise Revenue Bonds, Fort Sill Apache Casino, Series 2011A, 8.500%, 8/25/26, 144A Pennsylvania – 2.0% (1.4% of Total Investments) Allegheny Country Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009:	8/21 at 100.00	N/R	2,341,640
	500	6.750%, 11/01/24	11/19 at 100.00	В	512,905
	2,000	6.875%, 5/01/30	11/19 at 100.00	В	2,040,160
	2,500	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2006A, 3.500%, 4/01/41 (Mandatory put 6/01/20) (4)	No Opt. Call	D	1,156,250
	1,720	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) (4)	^	D	795,500
1	11				

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
(000)	Pennsylvania (continued)	(=)	(0)	
	Montgomery County Industrial Development Authority,			
\$ 185	Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Tender Option Bond Trust 2017-XF2454, 14.383%, 8/01/38, 144A (Pre-refunded 8/01/20) (IF) (5)	8/20 at 100.00	N/R (6) \$	5239,251
	Pennsylvania Economic Development Financing Authority, Exempt			
5	Facilities Revenue Bonds, Shippingport Project, First Energy Guarantor., Series 2006A, 2.550%, 11/01/41 (Mandatory put 12/03/18) (4)	12/18 at 100.00	D	2,313
	Pennsylvania Economic Development Financing Authority, Exempt	0/25 at		
4,250	Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC	9/25 at 100.00	B+	4,323,993
	Project, Series 2009A, 6.400%, 12/01/38	100.00		
4,115	Pennsylvania Economic Development Financing Authority, Solid Waste Disposal Revenue Bonds, USG Corporation Project, Series 1999, 6.000%, 6/01/31 (Alternative Minimum Tax)	6/18 at 100.00	Ba2	4,123,065
	Philadelphia Authority for Industrial Development, Pennsylvania,	1/23 at		
2,500	Revenue Bonds, Nueva Esperanza, Inc. – Esperanza Academy Chartee	ef 00.00	N/R	2,775,425
	School, Series 2013, 8.000%, 1/01/33			
510	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Temple University Health	7/22 at	Ba1	554,717
310	System Obligated Group, Series 2012A, 5.625%, 7/01/36	100.00	Dui	331,717
	The Redevelopment Authority of the City of Scranton, Lackawanna	5/01 at		
180	county, Pennsylvania, Guaranteed Lease Revenue Bonds, Series	5/24 at 100.00	BB+	182,239
	2016A, 5.000%, 11/15/28	100.00		
18,465	Total Pennsylvania			16,705,818
	Rhode Island – 0.4% (0.3% of Total Investments) Phode Island Health & Educational Building Comparation Health			
1,000	Rhode Island Health & Educational Building Corporation, Health Facilities Revenue Bonds, Tockwotton Home, Series 2011, 8.375%, 1/01/46 (Pre-refunded 1/01/21)	1/21 at 100.00	Aaa	1,160,850
18,260	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52	7/18 at 100.00	CCC+	2,071,780
19,260	Total Rhode Island			3,232,630
	South Carolina – 2.3% (1.6% of Total Investments)			
	Lancaster County, South Carolina, Special Assessment Bonds,	7/18 at		0.40.000
4,000	Edgewater II Improvement District, Series 2007A, 7.750%, 11/01/39	100.00	N/R	840,000
	(4) Lancaster County, South Carolina, Special Assessment Bonds,			
3,477	Edgewater II Improvement District, Series 2007B, 7.700%, 11/01/18	No Opt.	N/R	730,170
, ,	(4)	Call		

1,000	South Carolina Jobs-Economic Development Authority, Economic Development Revenue Bonds, Midland Valley Preparatory School Project, Series 2014, 7.750%, 11/15/45, 144A	11/24 at 100.00	N/R	1,091,750
1,250	South Carolina Jobs-Economic Development Authority, Hospital Revenue Bonds, Palmetto Health, Refunding Series 2011A, 6.500% 8/01/39 (Pre-refunded 8/01/21) – AGM Insured	8/21 at 100.00	AA (6)	1,414,563
5,000	South Carolina Public Service Authority Santee Cooper Revenue Obligations, Series 2014A, 5.000%, 12/01/49 (UB) (5)	6/24 at 100.00	A+	5,311,700
9,250	South Carolina Public Service Authority, Electric System Revenue Bonds, Santee Cooper, Federally Taxable Build America Series 2016B, 5.000%, 12/01/46 (UB)	12/26 at 100.00	A+	10,070,105
23,977	Total South Carolina			19,458,288
	Tennessee – 5.3% (3.7% of Total Investments)			
3,000	Johnson City Health and Educational Facilities Board, Tennessee, Hospital Revenue Bonds, Mountain States Health Alliance, Refunding Series 2010A, 6.500%, 7/01/38	7/20 at 100.00	Baa1	3,220,200
14,835	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Bonds, Vanderbil University Medical Center, Series 2016A, 5.000%, 7/01/46 (UB) (5)	lt 100.00	A3	16,248,182
11,095	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Bonds, Vanderbill University, Series 2016A, 5.000%, 7/01/40 (UB)	lt		
5,000	The Health and Educational Facilities Board of the City of Franklin, Tennessee, Revenue Bonds, Provision Cares Proton Therapy Center Nashville Project, Series 2017A, 7.500%, 6/01/47, 144A	6/27 at 100.00	N/R	5,303,300
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$6,024	Tennessee (continued) The Tennessee Energy Acquisition Corporation, Gas Revenue Bonds, Series 2006B, 5.625%, 9/01/26	No Opt.	BBB S	\$6,871,697
950	Wilson County Health and Educational Facilities Board, Tennessee, Senior Living Revenue Bonds, Rutland Place Inc. Project, Series 2015A, 5.500%, 1/01/46	7/18 at 100.00	N/R	880,156
40,904	Total Tennessee Texas – 5.5% (3.8% of Total Investments)			44,733,028
4,005	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 2001D, 8.250%, 5/01/33 (Alternative Minimum Tax) (4)	7/18 at 100.00	N/R	40
1,000	Celina, Texas, Special Assessment Revenue Bonds, Creeks of Legacy Public Improvement District Phase 1 Project, Series 2014, 7.000%, 9/01/40	9/22 at 103.00	N/R	1,001,570
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011:			
1,000	6.750%, 1/01/41 (Pre-refunded 1/01/21)	1/21 at 100.00	BBB (6)	1,115,680
250	6.000%, 1/01/41 (Pre-refunded 1/01/21)	1/21 at 100.00	BBB+ (6)	274,440
	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Tejano Center for Community Concerns, IncRaul Yzaguirre School for Success, Refunding Series 2009A:			
2,100	8.750%, 2/15/28	7/18 at 100.00	B+	2,104,872
2,000	9.000%, 2/15/38	7/18 at 100.00	B+	2,004,340
4,165	Dallas Area Rapid Transit, Texas, Sales Tax Revenue Bonds, Series 2016A, 5.000%, 12/01/48 (UB) (5) Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional		AA+	4,636,353
	Health System, Series 2013A:	9/23 at		
430	6.625%, 9/01/31	100.00	N/R	490,987
1,000	6.375%, 9/01/42	9/23 at 100.00	N/R	1,115,470
1,500	Fort Bend County Industrial Development Corporation, Texas, Revenue Bonds, NRG Energy Inc. Project, Series 2012A. RMKT, 4.750%, 5/01/38	11/22 at 100.00	Baa3	1,534,725
1,000	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)	7/18 at 100.00	В3	1,009,920
865	Heart of Texas Education Finance Corporation, Texas, Gateway Charter Academy, Series 2006A, 6.000%, 2/15/36	7/18 at 100.00	N/R	849,153
3,635	Jefferson County Industrial Development Corporation, Texas, Hurricane Ike Disaster Area Revenue Bonds, Port of Beaumont	7/22 at 100.00	N/R	3,727,765

	Petroleum Transload Terminal, LLC Project, Series 2012, 8.250%, 7/01/32			
1,000	Mission Economic Development Corporation, Texas, Revenue Bonds, Natgasoline Project, Series 2016B, 5.750%, 10/01/31, 144A (Alternative Minimum Tax)	10/18 at 103.00	BB-	1,038,170
2,000	Mission Economic Development Corporation, Texas, Water Supply Revenue Bonds, Enviro Water Minerals Project, Green Bonds, Series 2015, 7.750%, 1/01/45, 144A (Alternative Minimum Tax)	1/26 at 102.00	N/R	1,689,020
1,000	New Hope Cultural Education Facilities Finance Corporation, Texas Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi I, L.L.CTexas A&M University-Corpus Christi Project, Series 2014A, 5.000%, 4/01/44	4/24 at 100.00	BBB-	1,021,550
1,000	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	BBB-	1,018,270
2,445	New Hope Cultural Education Facilities Finance Corporation, Texas Student Housing Revenue Bonds, NCCD – College Station Properties LLC – Texas A&M University Project, Series 2015A, 5.000%, 7/01/47		CCC	2,020,108
2,250	North Texas Tollway Authority, Special Projects System Revenue Bonds, Tender Option Bond Trust 2016-XG0036, 14.771%, 9/01/41 144A (Pre-refunded 9/01/21) (IF)	9/21 at ' 100.00	N/R (6)	3,216,825
2,000	Red River Health Facilities Development Corporation, Texas, First Mortgage Revenue Bonds, Eden Home Inc., Series 2012, 7.000%, 12/15/32 (4)	12/21 at 100.00	N/R	1,160,000
175	Rowlett, Texas, Special Assessment Revenue Bonds, Bayside Public Improvement District North Improvement Area, Series 2016, 5.750%, 9/15/36	3/24 at 102.00	N/R	168,460
2,000	Sabine River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Energy Company LLC Project, Series 2003B, 6.150%, 8/01/22 (4)	No Opt. Call	N/R	20
4,000	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2016A, 5.000%, 11/15/45 (UB)	5/26 at 100.00	AA-	4,417,080
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$2,810	Texas (continued) 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 Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010:	100.00	BBB- \$	53,022,408
1,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	1,100,050
4,500	7.000%, 6/30/40	6/20 at 100.00	Baa3	4,941,225
835	Texas Public Finance Authority Charter School Finance Corporation, Charter School Revenue Bonds, School of Excellence Education Project, Series 2004A, 7.000%, 12/01/34 Travis County Health Facilities Development Corporation, Texas, Revenue Bonds, Westminster Manor, Series 2010:	7/18 at 100.00	BB-	836,495
85	7.000%, 11/01/30	11/20 at 100.00	BBB	91,285
440	7.000%, 11/01/30 (Pre-refunded 11/01/20)	11/20 at 100.00	N/R (6)	491,731
340	Trinity River Authority of Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 20003, 6.250%, 5/01/28 (Alternative Minimum Tax) (4)	No Opt. Call	C	3
50,830	Total Texas Utah – 1.1% (0.8% of Total Investments)			46,098,015
1,690	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-	1,789,828
1,980	Utah State Charter School Finance Authority, Charter School Revenue Bonds, Summit Academy High School, Series 2011A, 8.125%, 5/15/31	5/21 at 100.00	N/R	2,148,181
5,550	Utah State Charter School Finance Authority, Revenue Bonds, Summit Academy Project, Series 2007A, 5.800%, 6/15/38	7/18 at 100.00	BBB-	5,560,157
9,220	Total Utah Vermont – 0.8% (0.5% of Total Investments)			9,498,166
1,605	Vermont Educational and Health Buildings Financing Agency, Revenue Bonds, University of Vermont Medical Center Project, Green Series 2016B, 5.000%, 12/01/46	6/26 at 100.00	A	1,757,748
3,400	Vermont Educational and Health Buildings Financing Agency, Revenue Bonds, University of Vermont Medical Center Project,	6/26 at 100.00	A	3,723,578

1,155	Series 2016B, 5.000%, 12/01/46 (UB) (5) Vermont Educational and Health Buildings Financing Agency, Revenue Bonds, Vermont Law School Project, Series 2011A, 6.250%, 1/01/41 (Pre-refunded 1/01/21)	1/21 at 100.00	N/R (6)	1,275,339
6,160	Total Vermont			6,756,665
1,000	Virgin Islands – 0.1% (0.1% of Total Investments) Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Refunding Series 2014C, 5.000%, 10/01/19 Virginia 16% (1.1% of Total Investments)	No Opt. Call	N/R	822,500
762	Virginia – 1.6% (1.1% of Total Investments) Celebrate Virginia North Community Development Authority, Special Assessment Revenue Bonds, Series 2003B, 6.250%, 3/01/19 (14)	2/18 at 100.00	N/R	457,200
9,400	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Second Senior Lien Revenue Bonds, Series 2009B, 0.000%, 10/01/38 – AGC Insured	No Opt. Call	BBB+	3,866,032
1,000	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/18 at 100.00	В-	990,000
7,380	Virginia Small Business Financing Authority, Private Activity Revenue Bonds, Transform 66 P3 Project, Senior Lien Series 2017, 5.000%, 12/31/56 (Alternative Minimum Tax) Virginia Small Business Financing Authority, Senior Lien Revenue	6/27 at 100.00	Baa3	7,935,124
	Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012:	7/22 **		
80	6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB	89,126
130	5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB	141,510
18,752 114	Total Virginia			13,478,992

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
· · ·	Washington – 2.5% (1.8% of Total Investments)	` '	` ,	
\$2,415	FYI Properties, Washington, Lease Revenue Bonds, Washington State Department of Information Services Project, Tender Option Bond Trust 2016-XL0006, 14.632%, 6/01/34, 144A (IF) (5)	6/19 at 100.00	AA S	\$2,742,836
500	FYI Properties, Washington, Lease Revenue Bonds, Washington State Department of Information Services Project, Tender Option Bond Trust 2016-XL0007, 14.632%, 6/01/39, 144A (IF) (5)	6/19 at 100.00	AA	565,920
3,600	Kalispel Indian Tribe, Washington, Priority Distribution Bonds, Series 2008, 6.750%, 1/01/38 (Pre-refunded 6/04/18)	6/18 at 100.00	N/R (6)	3,635,964
1,000	King County Public Hospital District 4, Washington, Hospital Revenue Bonds, Snoqualmie Valley Hospital, Series 2015A, 6.250%, 12/01/45	12/25 at 100.00	N/R	1,002,920
1,000	Kitsap County Consolidated Housing Authority, Washington, Pooled Tax Credit Housing Revenue Bonds, Series 2007, 5.600%, 6/01/37 (Alternative Minimum Tax)	7/18 at 100.00	N/R	1,000,680
275	Tacoma Consolidated Local Improvement District 65, Washington, Special Assessment Bonds, Series 2013, 5.750%, 4/01/43	4/19 at 100.00	N/R	275,847
3,215	Washington Economic Development Finance Authority, Environmental Facilities Revenue Bonds, Columbia Pulp I, LLC Project, Series 2017A, 7.500%, 1/01/32, 144A (Alternative Minimum Tax)	1/28 at 100.00	N/R	3,786,884
7,330	Washington Health Care Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2017, 4.000%, 8/15/42 (UB)	8/27 at 100.00	BBB	7,262,124
1,000	Washington State Housing Finance Commission, Non-Profit Housing Revenue Bonds, Mirabella Project, Series 2012A, 6.750%, 10/01/47, 144A	10/22 at 100.00	N/R	1,087,030
20,335	Total Washington			21,360,205
1,422	West Virginia – 0.2% (0.2% of Total Investments) Berkeley, Hardy and Jefferson Counties, West Virginia, as Joint Issuers, Commercial Development Revenue Bonds, Scattered Site Housing Projects, Series 2010, 5.750%, 12/01/44	12/23 at 100.00	N/R	1,444,397
500	Monongalia County Commission, West Virginia, Special District Excise Tax Revenue, University Town Centre Economic Opportunity Development District, Refunding & Improvement Series 2017A, 5.750%, 6/01/43, 144A	6/27 at 100.00	N/R	518,945
1,922	Total West Virginia Wisconsin – 5.3% (3.7% of Total Investments)			1,963,342
30	Green Bay Redevelopment Authority, Wisconsin, Industrial Development Revenue Bonds, Fort James Project, Series 1999, 5.600%, 5/01/19 (Alternative Minimum Tax)	No Opt. Call	N/R	30,791
2,000	Lac Courte Oreilles Band of Lake Superior Chippewa Indians, Wisconsin, General Revenue Bonds, Refunding Series 2017, 6.750%, 6/01/32	12/27 at 100.00	N/R	1,959,020
5,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, North Carolina Charter Educational Foundation Project,	6/26 at 100.00	N/R	4,505,600

1,650	Series 2016A, 5.000%, 6/15/46, 144A Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Thomas Jefferson Classical Academy of Mooresboro, North Carolina, Series 2011, 7.125%, 7/01/42 Public Finance Authority of Wisconsin, Conference Center and Hotel Revenue Bonds, Lombard Public Facilities Corporation, First Tier Series 2018A-1.:	100.00	BBB-	1,680,773
12	0.000%, 1/01/56, 144A – ACA Insured	No Opt. Call	N/R	366
14	0.000%, 1/01/57, 144A – ACA Insured	No Opt. Call	N/R	405
	Public Finance Authority of Wisconsin, Conference Center and Hotel Revenue Bonds, Lombard Public Facilities Corporation, Second Tier Series 2018B.:			
24	0.000%, 1/01/46, 144A – ACA Insured	No Opt. Call	N/R	726
23	0.000%, 1/01/61, 144A – ACA Insured	No Opt. Call	N/R	678
4,700	Public Finance Authority of Wisconsin, Contract Revenue Bonds, Mercer Crossing Public Improvement District Project, Series 2017, 7.000%, 3/01/47, 144A	3/27 at 100.00	N/R	4,591,336
830	Public Finance Authority of Wisconsin, Educational Facility Revenue Bonds, Cottonwood Classical Preparatory School in Albuquerque, New Mexico, Series 2012A, 6.250%, 12/01/42	12/22 at 100.00	N/R	836,831
335	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	324,816
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
\$1,000	Wisconsin (continued) Public Finance Authority of Wisconsin, Limited Obligation Grant Revenue Bonds, American Dream @ Meadowlands Project, Series 2017A, 6.750%, 8/01/31, 144A Public Finance Authority of Wisconsin, Limited Obligation PILOT Revenue Bonds, American Dream @ Meadowlands Project, Series 2017:	No Opt. Call		\$1,075,350
2,000	6.750%, 12/01/42, 144A	12/27 at 100.00	N/R	2,299,920
14,000	7.000%, 12/01/50, 144A	12/27 at 100.00	N/R	16,202,620
3,500	Public Finance Authority of Wisconsin, Revenue Bonds, Alabama Gulf Coast Zoo, Series 2018A., 6.500%, 9/01/48	9/28 at 100.00	N/R	3,499,580
500	Public Finance Authority of Wisconsin, Revenue Bonds, Alabama Proton Therapy Center, Senior Series 2017A., 7.000%, 10/01/47, 144A	10/27 at 100.00	N/R	505,100
1,060	Public Finance Authority of Wisconsin, Revenue Bonds, Roseman University of Health Sciences, Series 2015, 5.875%, 4/01/45 Public Finance Authority of Wisconsin, Conference Center and Hotel Revenue Bonds, Lombard Public Facilities Corporation, Second Tier Series 2018B:	4/25 at 100.00	ВВ	1,137,921
13	0.000%, 1/01/47, 144A	3/28 at 37.76	N/R	379
24	0.000%, 1/01/47, 144A	3/28 at 47.50	N/R	715
11	0.000%, 1/01/48, 144A	3/28 at 35.85	N/R	331
24	0.000%, 1/01/48, 144A	3/28 at 45.66	N/R	710
11	0.000%, 1/01/49, 144A	3/28 at 34.04	N/R	326
23	0.000%, 1/01/49, 144A	3/28 at 43.89	N/R	704
10	0.000%, 1/01/50, 144A	3/28 at 32.32	N/R	315
23	0.000%, 1/01/50, 144A	3/28 at 42.18	N/R	693
10	0.000%, 1/01/51, 144A	3/28 at 30.69	N/R	309
25	0.000%, 1/01/51, 144A		N/R	759

		3/28 at		
		40.54		
650	0.0000/-7/01/51 1444	3/28 at	NI/D	654 142
659	0.000%, 7/01/51, 144A	100.00	N/R	654,143
13	0.000%, 1/01/52, 144A	3/28 at	N/R	401
13	0.000%, 1/01/32, 14111	29.14	11/10	101
25	0.000%, 1/01/52, 144A	3/28 at	N/R	753
		38.97		
13	0.000%, 1/01/53, 144A	3/28 at 27.67	N/R	396
		3/28 at		
25	0.000%, 1/01/53, 144A	37.46	N/R	742
10	0.0000 1/01/54 1444	3/28 at	NI/D	202
13	0.000%, 1/01/54, 144A	26.27	N/R	382
25	0.000%, 1/01/54, 144A	3/28 at	N/R	737
23	0.000 %, 1/01/34, 144/1	36.00	11/10	131
13	0.000%, 1/01/55, 144A	3/28 at	N/R	374
		24.94		
24	0.000%, 1/01/55, 144A	3/28 at 34.60	N/R	726
		3/28 at		
24	0.000%, 1/01/56, 144A	33.26	N/R	716
505	5 5000	3/28 at	NI/D	500.000
585	5.500%, 7/01/56, 144A	100.00	N/R	582,293
24	0.000%, 1/01/57, 144A	3/28 at	N/R	710
21	0.000%, 1/01/37, 14411	31.97	11/10	710
13	0.000%, 1/01/58, 144A	3/28 at	N/R	395
		21.35		
23	0.000%, 1/01/58, 144A	3/28 at 30.73	N/R	699
		3/28 at		
13	0.000%, 1/01/59, 144A	20.27	N/R	384
22	0.0000/ 1/01/50 1444	3/28 at	N/R	694
23	0.000%, 1/01/59, 144A	29.53	IV/K	094
13	0.000%, 1/01/60, 144A	3/28 at	N/R	376
10	0,000,000,000,000,000,000	19.25	1 1/12	2.0
23	0.000%, 1/01/60, 144A	3/28 at 28.39	N/R	688
		3/28 at		
12	0.000%, 1/01/61, 144A	18.28	N/R	370
10	0.0000 1/01/0 1444	3/28 at	N. I. D	260
12	0.000%, 1/01/62, 144A	17.35	N/R	360
23	0.000%, 1/01/62, 144A	3/28 at	N/R	673
23	0.000 %, 1/01/02, 1 11 A	26.23	11/10	013
12	0.000%, 1/01/63, 144A	3/28 at	N/R	351
		16.48		
22	0.000%, 1/01/63, 144A	3/28 at 25.21	N/R	662
		3/28 at		
12	0.000%, 1/01/64, 144A	15.65	N/R	343
22	0.000%, 1/01/64, 144A		N/R	656

		3/28 at 24.23		
11	0.000%, 1/01/65, 144A	3/28 at 14.86	N/R	338
22	0.000%, 1/01/65, 144A	3/28 at 23.29	N/R	651
12	0.000%, 1/01/66, 144A	3/28 at 14.11	N/R	364
22	0.000%, 1/01/66, 144A	3/28 at 22.38	N/R	641
148	0.000%, 1/01/67, 144A	3/28 at 13.39	N/R	4,380
281	0.000%, 1/01/67, 144A	3/28 at 21.51	N/R	8,338
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Community Health, Inc. Obligated Group, Tender Option Bond Trust 2015-XF0118, 13.662%, 4/01/39, 144A (Pre-refunded 4/01/19) (IF) (5)	4/19 at 100.00	AA- (6)	1,125,570
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Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Wisconsin (continued)			
	Wisconsin Public Finance Authority, Revenue Bonds, SearStone	6/22 of		
\$2,000	Retirement Community of Cary North Carolina, Series 2012A,	100.00	N/R (6)	\$2,455,600
	8.625%, 6/01/47 (Pre-refunded 6/01/22)			
	Wisconsin Public Finance Authority, Revenue Bonds, SearStone	6/22 of		
1,000	Retirement Community of Cary North Carolina, Series 2016,	104.00	N/R	1,033,530
	6.000%, 6/01/49, 144A	104.00		
43,014	Total Wisconsin			44,535,510
\$1,277,265	Total Municipal Bonds (cost \$1,179,469,619)			1,199,392,142

Shares	Description (1)	Value
	COMMON STOCKS – 1.2% (0.8% of Total Investments))
	Airlines – 1.2% (0.8% of Total Investments)	
227,514	American Airlines Group Inc., (15)	\$9,767,176
	Total Common Stocks (cost \$6,316,916)	9,767,176

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)				
\$26	Las Vegas Monorail Company, Senior Interest Bonds (8), (16)	5.500%	7/15/19	N/R	\$16,657
7	Las Vegas Monorail Company, Senior Interest Bonds (8), (16)	5.500%	7/15/55	N/R	3,601
\$33	Total Corporate Bonds (cost \$2,021)				20,258
	Total Long-Term Investments (cost \$1,185,788,556)				1,209,179,576
	Floating Rate Obligations – (35.9)%				(302,258,000)
	Adjustable Rate MuniFund Term Preferred Shares, net of deferred offering costs – (10.3)% (17)				(86,867,364)
	Other Assets Less Liabilities – 2.4%				20,768,754
	Net Assets Applicable to Common Shares – 100%				\$840,822,966
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- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
 - Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
- (2) may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - The ratings disclosed are the lowest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service,
- (3) Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. 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.
 - 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
- (4) 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.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (6) 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.
- (7) The coupon for this security increased 0.25% effective January 1, 2016 and increased an additional 0.25% effective May 11, 2016.
 - Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. For
- (8) fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 Investment Valuation and Fair Value Measurements for more information.
- (9) On December 1, 2016, 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 9.000% to 6.750%.
- (10) Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.

 On July 28, 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 6.125% to 3.675%.
- (11) On December 9, 2015, the Fund's Adviser determined it was likely that this borrower would fulfill a greater portion of its obligation on this security, and therefore increased the security's interest rate of accrual from 3.675% to 4.900%.
 - On June 1, 2013, the Fund's Adviser determined it was unlikely that this borrower would fulfill its entire obligation on the security, and therefore reduced the security's interest rate of accrual from 7.250% to 1.813%.
- On May 7, 2015, 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.
- On July 1, 2014, 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 6.000% to 4.200%.
- On September 1, 2013, 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 6.250% to 4.688%.
- (15) On November 28, 2011, AMR Corp. ("AMR"), the parent company of American Airlines Group, Inc. ("AAL") filed for federal bankruptcy protection. On December 9, 2013, AMR emerged from federal bankruptcy with the acceptance of its reorganization plan by the bankruptcy court. Under the settlement agreement established to meet AMR's unsecured bond obligations, the bondholders, including the Fund, received a distribution of AAL

preferred stock which was converted to AAL common stock over a 120-day period. Every 30 days, a quarter of the preferred stock was converted to AAL common stock based on the 5-day volume-weighted average price and the amount of preferred shares tendered during the optional preferred conversion period. 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

- (16) 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 was not accruing income for either senior interest corporate bond. On January 18, 2017, the Fund's Adviser determined it was likely that this senior interest corporate bond would fulfill its obligation on the security maturing on July 15, 2019, and therefore began accruing income on the Fund's records.
- (17) Adjustable Rate MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 7.2%.
- Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.

 Payment-in-kind ("PIK") security. Depending on the terms of the security, income may be received in the form of
- PIK cash, securities, or a combination of both. The PIK rate shown, where applicable, represents the annualized rate of the last PIK payment made by the issuer as of the end of the reporting period.
 - Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
- UB Statements, Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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Statement of Assets and Liabilities

April 30, 2018 (Unaudited)

	NVG	NZF	NMZ
Assets			
Long-term investments, at value (cost \$4,828,747,168, \$3,326,675,340 and \$1,185,788,556, respectively)	\$5,138,970,126	\$3,541,215,568	\$1,209,179,576
Short-term investments, at value (cost \$10,000,000, \$— and \$—,	10,000,000	_	_
respectively)	10.707.220	10 205 110	1 200 206
Cash	12,796,338	19,395,119	1,309,306
Cash collateral at brokers for investments in swaps ⁽¹⁾	4,451,906	_	_
Interest rate swaps premiums paid	1,017	_	_
Unrealized appreciation on interest rate swaps	1,776,517	_	_
Receivable for:			
Dividends and interest	72,653,881	52,119,366	21,417,757
Investments sold	13,359,191	10,107,959	5,839,064
Deferred offering costs	_	_	206,036
Other assets	1,609,071	735,212	105,982
Total assets	5,255,618,047	3,623,573,224	1,238,057,721
Liabilities			
Floating rate obligations	192,750,000	24,620,000	302,258,000
Payable for:			
Dividends	13,977,080	9,478,922	3,762,152
Interest	_	759,268	182,295
Investments purchased	9,140,228	25,628,284	2,992,497
Offering costs	_	126,163	80,350
Variation margin on swap contracts	156,249	_	_
Adjustable Rate MuniFund Term Preferred ("AMTP") Shares, net			
of deferred offering costs (liquidation preference \$—, \$—,	_	_	86,867,364
\$87,000,000, respectively)			
MuniFund Term Preferred ("MFP") Shares, net of deferred offering	g		
costs (liquidation preference \$405,400,000, \$305,000,000 and \$—,	405,094,990	304,389,774	_
respectively)			
Variable Rate MuniFund Term Preferred ("VMTP") Shares, net of			
deferred offering costs (liquidation preference \$—, \$336,000,000	_	335,980,501	_
and \$—, respectively)			
Variable Rate Demand Preferred ("VRDP") Shares, net of deferred			
offering costs (liquidation preference \$1,411,600,000,	1,407,633,477	721,949,584	_
\$727,000,000 and \$—, respectively)	, , ,	, ,	
Accrued expenses:			
Management fees	2,626,201	1,805,479	678,923
Trustees fees	848,098	566,657	85,169
Shelf offering costs	_	_	140,360
Other	932,415	651,637	187,645
Total liabilities	2,033,158,738	1,425,956,269	397,234,755
	=,500,100,700	-, .==,,,=0,	,,

Net assets applicable to common shares	\$3,222,459,309	\$2,197,616,955	\$840,822,966
Common shares outstanding	202,552,895	142,125,906	64,078,935
Net asset value ("NAV") per common share outstanding	\$15.91	\$15.46	\$13.12
Net assets applicable to common shares consist of:			
Common shares, \$0.01 par value per share	\$2,025,529	\$1,421,259	\$640,789
Paid-in-surplus	2,906,044,544	2,009,134,254	815,495,040
Undistributed (Over-distribution of) net investment income	(2,668,662	1,179,396	1,984,930
Accumulated net realized gain (loss)	602,163	(28,658,182) (688,813
Net unrealized appreciation (depreciation)	316,455,735	214,540,228	23,391,020
Net assets applicable to common shares	\$3,222,459,309	\$2,197,616,955	\$840,822,966
Authorized shares:			
Common	Unlimited	Unlimited	Unlimited
Preferred	Unlimited	Unlimited	Unlimited

⁽¹⁾ Cash pledged to collateralize the net payment obligations for investments in swaps. See accompanying notes to financial statements.

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Statement of Operations

Six Months Ended April 30, 2018 (Unaudited)

	NVG	NZF	NMZ
Investment Income	\$119,394,697	\$84,277,908	\$32,397,930
Expenses			
Management fees	15,769,743	10,754,254	4,104,196
Interest expense and amortization of offering costs	16,214,796	13,195,236	3,494,848
Liquidity fees	4,334,388	961,289	_
Remarketing fees	529,224	111,819	_
Custodian fees	243,127	177,112	67,777
Trustees fees	66,485	47,472	12,587
Professional fees	122,053	92,639	57,580
Shareholder reporting expenses	151,037	104,691	43,883
Shareholder servicing agent fees	53,856	35,426	7,439
Stock exchange listing fees	28,142	19,746	657
Investor relations expenses	168,866	118,787	31,830
Other	175,095	264,764	34,485
Total expenses	37,856,812	25,883,235	7,855,282
Net investment income (loss)	81,537,885	58,394,673	24,542,648
Realized and Unrealized Gain (Loss)			
Net realized gain (loss) from:			
Investments	12,096,512	(3,700,798)	787,743
Swaps	20,980	_	_
Change in net unrealized appreciation (depreciation) of:			
Investments	(106,750,634)	(74,340,430)	(22,757,010)
Swaps	5,084,704	_	_
Net realized and unrealized gain (loss)	(89,548,438)	(78,041,228)	(21,969,267)
Net increase (decrease) in net assets applicable to common shares from operations	\$(8,010,553	\$(19,646,555)	\$2,573,381
See accompanying notes to financial statements.			
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Statement of Changes in Net Assets (Unaudited)

	NVG Six Months Ended 4/30/18	Year Ended 10/31/17	NZF Six Months Ended 4/30/18	Year Ended 10/31/17	NMZ Six Months Ended 4/30/18	Year Ended 10/31/17
Operations Net investment income (loss) Net realized gain	\$81,537,885	\$170,282,507	\$58,394,673	\$124,118,718	\$24,542,648	\$48,542,922
(loss) from: Investments Swaps Change in net unrealized appreciation	12,096,512 20,980	2,532,777 5,171,946	(3,700,798) 3,067,720	787,743 —	4,675,860
(depreciation) of: Investments Swaps Net increase	(106,750,634) 5,084,704	(45,476,888 175,850) (74,340,430) (43,006,732	(22,757,010)	(15,666,329)
(decrease) in net assets applicable to common shares from operations Distributions to Common Shareholders	(8,010,553	132,686,192	(19,646,555) 84,179,706	2,573,381	37,552,453
From net investment income	(89,305,569	(177,152,759) (61,640,004) (126,776,305	(24,855,576)	(48,660,423)
From accumulated net realized gains Decrease in net assets applicable	_	(5,914,545) —	(255,827) —	_
to common shares from distributions to common shareholders Capital Share Transactions Common shares: Proceeds from	(89,305,569	(183,067,304) (61,640,004) (127,032,132	(24,855,576)	(48,660,423)
shelf offering, net of offering costs Net proceeds from shares issued to	_	_	_	_	9,084,815	75,368,774
shareholders due to reinvestment of distributions	_	_	_	_	274,882	907,184
distributions	_	_	_	_	9,359,697	76,275,958

Net increase (decrease) in net assets applicable to common shares from capital share transactions Net increase (decrease) in net (97,316,122) (50,381,112) (81,286,559) (42,852,426) (12,922,498) 65,167,988assets applicable to common shares Net assets applicable to common shares at 3,319,775,431 3,370,156,543 2,278,903,514 2,321,755,940 853,745,464 788,577,476 the beginning of period Net assets applicable to \$3,222,459,309 \$3,319,775,431 \$2,197,616,955 \$2,278,903,514 \$840,822,966 \$853,745,464 common shares at the end of period Undistributed (Over-distribution of) net investment \$(2,668,662) \$1,179,396 \$1,984,930)\$5,099,022 \$4,424,727 \$2,297,858 income at the end of period See accompanying notes to financial statements.

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Statement of Cash Flows

Six Months Ended April 30, 2018 (Unaudited)

	NVG	NZF	NMZ
Cash Flows from Operating Activities:			
Net Increase (Decrease) in Net Assets Applicable to Common	\$(8,010,553)\$(19,646,555	\\$2 572 2 <u>21</u>
Shares from Operations	\$(0,010,333)\$(19,040,333)\$2,373,361
Adjustments to reconcile the net increase (decrease) in net assets			
applicable to common shares from operations to net cash provided by			
(used in) operating activities:			
Purchases of investments	(419,742,535) (479,529,894	(122,667,574)
Proceeds from sales and maturities of investments	254,401,736	359,148,797	57,766,998
Proceeds from (Purchases of) short-term investments, net	15,880,000	2,170,000	3,852,450
Payment-in-kind distributions	_	(18,611) (316,858)
Premiums received (paid) for interest rate swaps	48	_	_
Taxes paid	(34,884) (48,981) (2,745
Amortization (Accretion) of premiums and discounts, net	(7,276,687) (7,577,281	796,900
Amortization of deferred offering costs	84,532	129,898	23,064
(Increase) Decrease in:			
Cash collateral at brokers for investments in swaps	1,162,126	_	_
Receivable for dividends and interest) (1,161,474) 753,784
Receivable for investments sold	4,405,213	(3,789,437) 15,165,186
Other assets	6,618	407,798	(21,853)
Increase (Decrease) in:	•	•	,
Payable for interest	(377,329) 197,642	47,957
Payable for investments purchased	4,503,723	9,918,638	775,737
Payable for offering costs	<u> </u>	126,163	80,350
Payable for variation margin on swap contracts	(251,321) —	
Accrued management fees	` ') (34,059) (22,818)
Accrued Trustees fees	(29,384) (18,098) (1,334
Accrued other expenses	169,185	100,554	(184,456)
Net realized (gain) loss from investments	(12,096,511) 3,700,798	(787,743)
Change in net unrealized appreciation (depreciation) of:	•		
Investments	106,750,634	74,340,430	22,757,010
Swaps ⁽¹⁾	(1,268,646) —	_
Net cash provided by (used in) operating activities	(64,972,839) (61,583,672) (19,412,564)
Cash Flows from Financing Activities			
Proceeds from borrowings	120,457,485	140,849,018	_
Repayments of borrowings	(120,457,485) (140,849,018	s) —
Proceeds from AMTP Shares issued, at liquidation preference	_	_	87,000,000
Proceeds from MFP Shares issued, at liquidation preference	405,400,000	155,000,000	_
(Payments for) VMTP Shares redeemed, at liquidation preference	(240,400,000) —	(87,000,000)
(Payments for) deferred offering costs	(295,000) (290,000) (135,000)
Proceeds from shelf offering, net of offering cost	_	_	9,084,815
Increase (Decrease) in:			
Floating rate obligations	(555,000) (14,810,000) 34,028,000
Accrued shelf offering costs	_	_	140,360
Cash distributions paid to Common shareholders	(89,297,603) (62,180,630) (24,834,696)

Net cash provided by (used in) financing activities	74,852,397	77,719,370	18,283,479	
Net Increase (Decrease) in Cash	9,879,558	16,135,698	(1,129,085)
Cash at beginning of period	2,916,780	3,259,421	2,438,391	
Cash at end of period	\$12,796,338	\$19,395,119	\$1,309,306	
Supplemental Disclosure of Cash Flow Information	NVG	NZF	NMZ	
Supplemental Disclosure of Cash Flow Information Cash paid for interest (excluding amortization of offering cost)	NVG \$16,490,044	NZF \$12,512,696	NMZ \$3,433,213	
* *	- ' ' -	- 1	1 (11/11)	

⁽¹⁾Excluding over-the-counter cleared swaps. See accompanying notes to financial statements.

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Financial Highlights (Unaudited)

Selected data for a common share outstanding throughout each period:

		Investment (Inerations				Less Distributions to Common Shareholders			Common Share		
	Beginnin Common Share NAV	ngNet n Investn Income (Loss	i nregii76		Net Investm	From Accumula Net ent Realized Gains	ated Total	Discour Per Share Repurc and Retired	Per Share Repurcha hased through Tender	Ending ased NAV	Ending Share Price
NVG Year Ended 10/31:											
2018(f)	\$ 16.39	\$0.40	\$ (0.44)\$(0.04)\$(0.44)\$	S —	\$(0.4	4)\$—	\$ —	\$15.91	\$14.75
2017	16.64	0.84	(0.19) 0.65	(0.87)	(0.03) (0.9		<u> </u>	16.39	15.17
2016	16.03	0.73	0.77	1.50	(0.86)	(0.03) (0.8	· /	_	16.64	15.05
2015	16.24	0.77	(0.13) 0.64	(0.75)	(0.10) (0.8	5) — *	·	16.03	14.05
2014	14.62	0.71	1.72	2.43	(0.70)	(0.07)) (0.7	7) (0.01)	(0.03) 16.24	14.14
2013	16.33	0.60	(1.46) (0.86	(0.74)	(0.11) (0.8	5) — *	·	14.62	12.75
NZF Year Ended 10/31:											
2018(f)	16.03	0.41	(0.55) (0.14	(0.43)	_	(0.4	3) —	_	15.46	14.15
2017	16.34	0.87	(0.29) 0.58	(0.89)	_	* (0.8	· /	_	16.03	15.01
2016	15.75	0.72	0.74	1.46	(0.87)	_	(0.8	7) —	_	16.34	14.82
2015	15.82	0.83	(0.13) 0.70	(0.78)	_	(0.7	8) 0.01	_	15.75	13.86
2014	14.32	0.72	1.47	2.19	(0.72)	_	(0.7	2) — *	0.03	15.82	13.80
2013	15.99	0.71	(1.63) (0.92	(0.75)	_	(0.7	5) —	_	14.32	12.66

Total Return Based on Common Share NAV is the combination of changes in common share NAV, reinvested dividend income at NAV and reinvested capital gains distributions at NAV, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending NAV. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its NAV), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.

Common Share Supplemental Data/ Ratios Applicable to Common Shares

Ratios to Average Net Common Share Assets Total Returns Before Reimbursement(b)						Ratio to Average Net Assets After Reimbursement(b)					
Based on (a) NAV	Based on Share Price	Ending Net Assets (000)Expens(cs)	Net Investment Income (Loss)	Expe	1 (e)	Net Investment Income (Loss	·)	Portfolio Turnover Rate	· (d)
(0.25)% 4.25 9.40 4.04 16.78 (5.46)	0.15 % 7.10 13.46 5.53 17.35 (14.46)	\$3,222,459 3,319,775 3,370,157 427,104 433,092 434,851	2.05	5.00 5.26 4.87 4.81 4.56 3.87	%**	N/A 2.04 1.75 N/A N/A N/A	%(e) (e)	N/A 5.27 4.93 N/A N/A N/A	%(e) (e)	5 18 21 26 13 32	%
(0.87) 3.88 9.36 4.57 15.90 (5.93)	(2.88) 7.61 13.26 6.21 15.07 (15.08)	2,197,617 2,278,904 2,321,756 571,790 574,721 578,508	2.12	5.25 5.58 5.03 5.24 4.78 4.66	**	N/A 2.11 1.81 N/A N/A N/A	(e) (e)	N/A 5.59 5.08 N/A N/A N/A	(e) (e)	10 21 20 26 14 14	

⁽b) Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to preferred shares issued by the Fund.

The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 – Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the

NVG

Year Ended 10/31:

2018(f)	1.29 %**
2017	1.02
2016	0.78
2015	0.46
2014	0.75
2013	1.06
2015 2014	0.46 0.75

NZF

Year Ended 10/31:

⁽c) Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

2018(f)	1.27 %**
2017	1.09
2016	0.84
2015	0.46
2014	0.72
2013	0.75

- (d) Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 Investment Transactions) divided by the average long-term market value during the period.
- (e) During the fiscal years ended October 31, 2017 and October 31, 2016, the Adviser voluntarily reimbursed the Fund for certain expenses incurred in connection with its reorganization.
- (f) For the six months ended April 30, 2018.

N/A Fund does not have or no longer has a contractual reimbursement with the Adviser.

- * Rounds to less than \$0.01 per share.
- ** Annualized.

See accompanying notes to financial statements.

Financial Highlights (Unaudited) (continued)

Selected data for a common share outstanding throughout each period:

	Investment Operations			erations	Less Distributions to Common Shareholders			Common Share			
	Beginning Common Share NAV		Net Realized, ment Unrealize Gain (Loss	/ ed) Total	Net Investm	Keanzea	ed Total	Premin Per Share Sold throug Shelf Offerin	Shelf Offering Costs	Ending NAV	Ending Share Price
NMZ Year Ended								Official	ug		
10/31:											
2018(e)	\$ 13.47	\$0.38	\$ (0.34)\$0.04	\$(0.39)	\$ —	\$(0.39))\$—	\$ —	\$13.12	\$12.41
2017	13.68	0.80	(0.22) 0.58	(0.81)	_	(0.81)	0.02	_	13.47	13.53
2016	13.66	0.86	0.04	0.90	(0.91)	_	(0.91)	0.03	_	13.68	13.32
2015	13.71	0.91	(0.04)) 0.87	(0.92)	_	(0.92)) —	_	13.66	13.76
2014	12.36	0.93	1.33	2.26	(0.91)	_	(0.91)	* — *		* 13.71	13.21
2013	13.45	0.94	(1.20) (0.26)) (0.88)	_	(0.88)	0.05	_	* 12.36	11.99

Total Return Based on Common Share NAV is the combination of changes in common share NAV, reinvested dividend income at NAV and reinvested capital gains distributions at NAV, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending NAV. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its NAV), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.

Common Share Supplemental Data/ Ratios Applicable to Common Shares

Common Share Ratios to Average Total Returns Net Assets(b)

Based on (a NAV	Based on Share Price	Not)Expe(ns)es	Net Investment Income (Loss)	Portfolio Turnover Rate	(d)
0.27 %	% (5.51)%\$840,823	1.85%**	5.79	%**	5	%
4.73	8.04	853,745	1.54	6.14		10	
6.91	3.34	788,577	1.28	6.27		11	
6.54	11.49	684,109	1.25	6.64		9	
18.90	18.31	686,299	1.28	7.14		13	
(1.71)	(9.71) 618,394	1.28	7.34		16	

- (b) Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to preferred shares issued by the Fund.
 - The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the
- (c) Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

NMZ

Year Ended 10/31:

2018(e)	0.82%**
2017	0.49
2016	0.24
2015	0.17
2014	0.19
2013	0.20

- Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 Investment Transactions) divided by the average long-term market value during the period.
- (e) For the six months ended April 30, 2018.
- * Rounds to less than \$0.01 per share.
- ** Annualized.

See accompanying notes to financial statements.

	iMTP Shares at the End of Period		MFP Sha at the En Period		at the End of		VMTP Shares at the End of Period		VRDP Shares at the End of Period		iMTP, MFP, MTP, VMTP and /or VRDP Shares at the End of the
	Aggregat Amount Outstand (000	Aggrega Coverag Per Ing \$5,000 Share	Aggregat Amount	Asset Coverage Per \$100,000 Share	Amount	Asset Covera Per ing \$10 Share	Aggregate Amount Outstand (000	Asset Coverage Per \$100,000 Share	A maiint	Asset Coverage Per \$100,000 Share	Period Asset Coverage Per \$1 Liquidation Preference
NVG Year Ended											Treference
10/31: 2018(b) 2017 2016 2015 2014 2013	\$— — — —	\$— — — —	\$405,400 — — — — —	\$277,351 — — — — —	\$— — — — — 108,000	\$— — — — 31.69	\$— 240,400 240,400 — 92,500	\$— 300,955 304,005 — 316,883	\$1,411,600 1,411,600 1,411,600 179,000 179,000	\$277,351 300,955 304,005 338,606 341,951	\$2.77 3.01 3.04 — 3.17
NZF Year Ended 10/31: 2018(b) 2017 2016 2015 2014 2013	 150,000 150,000 150,000 	 14,570 17,376 17,440 	305,000 150,000 — — —	260,645 287,873 — — —			336,000 336,000 336,000 81,000 81,000 169,200	260,645 287,873 291,406 347,528 348,797 341,851	727,000 727,000 727,000 — —	260,645 287,873 291,406 —	2.61 2.88 2.91 3.48 3.49 3.42

⁽a) The Ending and Average Market Value Per Share for each Series of the Fund's MTP Shares were as follows:

NVG

Series 2014 (NVG PRCCL)

Ending Market Value per Share \$— \$10.09 Average Market Value per Share 10.05^ 10.11

NZF

Series 2016 (NZF PRC)

Ending Market Value per Share \$— \$10.10 Average Market Value per Share 10.05^^ 10.10

- (b) For the six months ended April 30, 2018.
- ^ For the period November 1, 2013 through December 23, 2013.
- ^^ For the period November 1, 2013 through April 11, 2014.

	4.3.5mp.cs		VMTP Shares	
	AMTP Shares		at the End of Po	eriod
	Aggregate Amount Outstanding (000	Asset Coverage Per \$100,000 Share	Aggregate Amount Outstanding (000)	Asset Coverage Per \$100,000 Share
NMZ				
Year Ended 10/31:				
2018(b)	\$87,000	\$1,066,463	\$	\$—
2017	_	_	87,000	1,081,317
2016	_	_	87,000	1,006,411
2015	_	_	87,000	886,333
2014	_	_	87,000	888,850
2013	_	_	87,000	810,798
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Notes to Financial Statements (Unaudited)

1. General Information and Significant Accounting Policies

General Information

Fund Information

The funds covered in this report and their corresponding New York Stock Exchange ("NYSE") symbols are as follows (each a "Fund" and collectively, the "Funds"):

- Nuveen AMT-Free Municipal Credit Income Fund (NVG)
- Nuveen Municipal Credit Income Fund (NZF)
- Nuveen Municipal High Income Opportunity Fund (NMZ)

The Funds are registered under the Investment Company Act of 1940, as amended, as diversified closed-end management investment companies. NVG, NZF and NMZ were organized as Massachusetts business trusts on July 12, 1999, March 21, 2001 and October 8, 2003, respectively.

The end of the reporting period for the Funds is April 30, 2018, and the period covered by these Notes to Financial Statements is the six months ended April 30, 2018 (the "current fiscal period").

Investment Adviser

The Funds' investment adviser is Nuveen Fund Advisors, LLC (the "Adviser"), a subsidiary of Nuveen, LLC ("Nuveen"). Nuveen is the investment management arm of Teachers Insurance and Annuity Association of America (TIAA). The Adviser has overall responsibility for management of the Funds, oversees the management of the Funds' portfolios, manages the Funds' business affairs and provides certain clerical, bookkeeping and other administrative services, and, if necessary, asset allocation decisions. The Adviser has entered into sub-advisory agreements with Nuveen Asset Management, LLC (the "Sub-Adviser"), a subsidiary of the Adviser, under which the Sub-Adviser manages the investment portfolios of the Funds.

Investment Objectives and Principal Investment Strategies

Each Fund seeks to provide current income exempt from regular federal income tax by investing primarily in a portfolio of municipal obligations issued by state and local government authorities or certain U.S. territories.

Significant Accounting Policies

Each Fund is an investment company and follows accounting and reporting guidance under Financial Accounting Standards Board ("FASB") Accounting Standards Codification (ASC) Topic 946, "Financial Services-Investment Companies." The following is a summary of significant accounting policies followed by the Funds in the preparation of their financial statements in accordance with U.S. generally accepted accounting principles ("U.S. GAAP").

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from investment transactions are determined on the specific identification method, which is the same basis used for federal income tax purposes. Investments purchased on a when-issued/delayed delivery basis may have extended settlement periods. Any investments so purchased are subject to market fluctuation during this period. The Funds have earmarked securities in their portfolios with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments.

As of the end of the reporting period, the following Fund's outstanding when-issued/delayed delivery purchase commitments were as follows:

NZF

Outstanding when-issued/delayed delivery purchase commitments \$3,025,484 130

Investment Income

Dividend Income is recorded on the ex-dividend date. Investment income is comprised of interest income, which reflects the amortization of premiums and accretion of discounts for financial reporting purposes, and is recorded on an accrual basis. Investment income also reflects payment-in-kind ("PIK") interest and paydown gains and losses, if any. PIK interest represents income received in the form of securities in lieu of cash.

Professional Fees

Professional fees presented on the Statement of Operations consist of legal fees incurred in the normal course of operations, audit fees, tax consulting fees and, in some cases, workout expenditures. Workout expenditures are incurred in an attempt to protect or enhance an investment or to pursue other claims or legal actions on behalf of Fund shareholders. If a refund is received for workout expenditures paid in a prior reporting period, such amounts will be recognized as "Legal fee refund" on the Statement of Operations.

Dividends and Distributions to Common Shareholders

Dividends from net investment income, if any, are declared monthly. Net realized capital gains and/or market discount from investment transactions, if any, are distributed to shareholders at least annually. Furthermore, capital gains are distributed only to the extent they exceed available capital loss carryforwards.

Distributions to common shareholders of net investment income, net realized capital gains and/or market discount, if any, are recorded on the ex-dividend date. The amount and timing of distributions are determined in accordance with federal income tax regulations, which may differ from U.S. GAAP.

Compensation

The Funds pay no compensation directly to those of its trustees who are affiliated with the Adviser or to its officers, all of whom receive remuneration for their services to the Funds from the Adviser or its affiliates. The Funds' Board of Trustees ("the Board") has adopted a deferred compensation plan for independent trustees that enables trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from certain Nuveen-advised funds. Under the plan, deferred amounts are treated as though equal dollar amounts had been invested in shares of select Nuveen-advised funds.

Indemnifications

Under the Funds' organizational documents, their officers and trustees are indemnified against certain liabilities arising out of the performance of their duties to the Funds. In addition, in the normal course of business, the Funds enter into contracts that provide general indemnifications to other parties. The Funds' maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Funds that have not yet occurred. However, the Funds have not had prior claims or losses pursuant to these contracts and expect the risk of loss to be remote.

Netting Agreements

In the ordinary course of business, the Funds may enter into transactions subject to enforceable International Swaps and Derivative Association, Inc. (ISDA) master agreements or other similar arrangements ("netting agreements"). Generally, the right to offset in netting agreements allows each Fund to offset certain securities and derivatives with a specific counterparty, when applicable, as well as any collateral received or delivered to that counterparty based on the terms of the agreements. Generally, each Fund manages its cash collateral and securities collateral on a counterparty basis.

The Funds' investments subject to netting agreements as of the end of the reporting period, if any, are further described in Note 3 – Portfolio Securities and Investments in Derivatives.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and

assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets applicable to common shares from operations during the current fiscal period. Actual results may differ from those estimates.

2. Investment Valuation and Fair Value Measurements

The fair valuation input levels as described below are for fair value measurement purposes.

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

Notes to Financial Statements (Unaudited) (continued)

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

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

Prices of fixed income securities are provided by an independent pricing service ("pricing service") approved by the Board. The pricing service establishes a security's fair value using methods that may include consideration of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor's credit characteristics considered relevant. These securities are generally classified as Level 2. In pricing certain securities, particularly less liquid and lower quality securities, the pricing service may consider information about a security, its issuer or market activity, provided by the Adviser. These securities are generally classified as Level 2 or Level 3 depending on the observability of the significant inputs.

Prices of swap contracts are also provided by a pricing service approved by the Board using the same methods as described above and are generally classified as Level 2.

Investments in investment companies are valued at their respective net asset value ("NAV") on valuation date and are generally classified as Level 1.

Common stocks and other equity-type securities are valued at the last sales price on the securities exchange on which such securities are primarily traded and are generally classified as Level 1. Securities primarily traded on the Nasdaq National Market ("Nasdaq") are valued at the Nasdaq Official Closing Price and are generally classified as Level 1. However, securities traded on a securities exchange or Nasdaq for which there were no transactions on a given day or securities not listed on a securities exchange or Nasdaq are valued at the quoted bid price and are generally classified as Level 2.

Certain securities may not be able to be priced by the pre-established pricing methods as described above. Such securities may be valued by the Board and/or its appointee at fair value. These securities generally include, but are not limited to, restricted securities (securities which may not be publicly sold without registration under the Securities Act of 1933, as amended) for which a pricing service is unable to provide a market price; securities whose trading has been formally suspended; debt securities that have gone into default and for which there is no current market quotation; a security whose market price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of a Fund's NAV (as may be the case in non-U.S. markets on which the security is primarily traded) or make it difficult or impossible to obtain a reliable market quotation; and a security whose price, as provided by the pricing service, is not deemed to reflect the security's fair value. As a general principle, the fair value of a security would appear to be the amount that the owner might reasonably expect to receive for it in a current sale. A variety of factors may be considered in determining the fair value of such securities, which may include consideration

of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor's credit characteristics considered relevant. These securities are generally classified as Level 2 or Level 3 depending on the observability of the significant inputs. Regardless of the method employed to value a particular security, all valuations are subject to review by the Board and/or its appointee.

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 each Fund's fair value measurements as of the end of the reporting period:

NVG	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds*	\$ —	\$5,138,002,568		\$5,138,002,568
Corporate Bonds**	_	_	967,558****	967,558
Short-Term Investments:				
Municipal Bonds*	_	10,000,000		10,000,000
Investments in Derivatives:				
Interest Rate Swaps***	_	6,232,777	_	6,232,777
Total	\$ —	\$5,154,235,345	\$967,558	\$5,155,202,903
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NZF	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds*	\$ —	\$3,537,594,795	\$ —	\$3,537,594,795
Investment Companies	3,171,754	_	_	3,171,754
Corporate Bonds**	_	_	449,019****	449,019
Total	\$3,171,754	\$3,537,594,795	\$449,019	\$3,541,215,568

NMZ

Long-Term Investments:

 Municipal Bonds*
 \$—
 \$1,198,320,285
 \$1,071,857*****\$1,199,392,142

 Common Stock**
 9,767,176
 —
 9,767,176

 Corporate Bonds**
 —
 20,258
 **** 20,258

 Total
 \$9,767,176
 \$1,198,320,285
 \$1,092,115
 \$1,209,179,576

- * Refer to the Fund's Portfolio of Investments for state classifications.
- ** Refer to the Fund's Portfolio of Investments for industry classifications.
- *** Represents net unrealized appreciation (depreciation) as reported in the Fund's Portfolio of Investments.
- **** Refer to the Fund's Portfolio of Investments for securities classified as Level 3.

The Board is responsible for the valuation process and has appointed the oversight of the daily valuation process to the Adviser's Valuation Committee. The Valuation Committee, pursuant to the valuation policies and procedures adopted by the Board, is responsible for making fair value determinations, evaluating the effectiveness of the Funds' pricing policies and reporting to the Board. The Valuation Committee is aided in its efforts by the Adviser's dedicated Securities Valuation Team, which is responsible for administering the daily valuation process and applying fair value methodologies as approved by the Valuation Committee. When determining the reliability of independent pricing services for investments owned by the Funds, the Valuation Committee, among other things, conducts due diligence reviews of the pricing services and monitors the quality of security prices received through various testing reports conducted by the Securities Valuation Team.

The Valuation Committee will consider pricing methodologies it deems relevant and appropriate when making a fair value determination, based on the facts and circumstances specific to the portfolio instrument. Fair value determinations generally will be derived as follows, using public or private market information:

(i) If available, fair value determinations shall be derived by extrapolating from recent transactions or quoted prices for identical or comparable securities.

If such information is not available, an analytical valuation methodology may be used based on other available information including, but not limited to: analyst appraisals, research reports, corporate action information, issuer financial statements and shelf registration statements. Such analytical valuation methodologies may include, but are not limited to: multiple of earnings, discount from market value of a similar freely-traded security, discounted cash flow analysis, book value or a multiple thereof, risk premium/yield analysis, yield to maturity and/or

fundamental investment analysis.

The purchase price of a portfolio instrument will be used to fair value the instrument only if no other valuation methodology is available or deemed appropriate, and it is determined that the purchase price fairly reflects the instrument's current value.

For each portfolio security that has been fair valued pursuant to the policies adopted by the Board, the fair value price is compared against the last available and next available market quotations. The Valuation Committee reviews the results of such testing and fair valuation occurrences are reported to the Board.

Notes to Financial Statements (Unaudited) (continued)

3. Portfolio Securities and Investments in Derivatives

Portfolio Securities

Inverse Floating Rate Securities

Each Fund is authorized to invest in inverse floating rate securities. An inverse floating rate security is created by depositing a municipal bond (referred to as an "Underlying Bond"), typically with a fixed interest rate, into a special purpose tender option bond ("TOB") trust (referred to as the "TOB Trust") created by or at the direction of one or more Funds. In turn, the TOB Trust issues (a) floating rate certificates (referred to as "Floaters") in face amounts equal to some fraction of the Underlying Bond's par amount or market value, and (b) an inverse floating rate certificate (referred to as an "Inverse Floater") that represents all remaining or residual interest in the TOB Trust. Floaters typically pay short-term tax-exempt interest rates to third parties who are also provided a right to tender their certificate and receive its par value, which may be paid from the proceeds of a remarketing of the Floaters, by a loan to the TOB Trust from a third party liquidity provider ("Liquidity Provider"), or by the sale of assets from the TOB Trust. The Inverse Floater is issued to a long term investor, such as one or more of the Funds. The income received by the Inverse Floater holder varies inversely with the short-term rate paid to holders of the Floaters, and in most circumstances the Inverse Floater holder bears substantially all of the Underlying Bond's downside investment risk and also benefits disproportionately from any potential appreciation of the Underlying Bond's value. The value of an Inverse Floater will be more volatile than that of the Underlying Bond because the interest rate is dependent on not only the fixed coupon rate of the Underlying Bond but also on the short-term interest paid on the Floaters, and because the Inverse Floater essentially bears the risk of loss (and possible gain) of the greater face value of the Underlying Bond.

The Inverse Floater held by a Fund gives the Fund the right to (a) cause the holders of the Floaters to tender their certificates at par (or slightly more than par in certain circumstances), and (b) have the trustee of the TOB Trust (the "Trustee") transfer the Underlying Bond held by the TOB Trust to the Fund, thereby collapsing the TOB Trust.

The Fund may acquire an Inverse Floater in a transaction where it (a) transfers an Underlying Bond that it owns to a TOB Trust created by a third party or (b) transfers an Underlying Bond that it owns, or that it has purchased in a secondary market transaction for the purpose of creating an Inverse Floater, to a TOB Trust created at its direction, and in return receives the Inverse Floater of the TOB Trust (referred to as a "self-deposited Inverse Floater"). A Fund may also purchase an Inverse Floater in a secondary market transaction from a third party creator of the TOB Trust without first owning the Underlying Bond (referred to as an "externally-deposited Inverse Floater").

An investment in a self-deposited Inverse Floater is accounted for as a "financing" transaction (i.e., a secured borrowing). For a self-deposited Inverse Floater, the Underlying Bond deposited into the TOB Trust is identified in the Fund's Portfolio of Investments as "(UB) – Underlying bond of an inverse floating rate trust reflected as a financing transaction," with the Fund recognizing as liabilities, labeled "Floating rate obligations" on the Statement of Assets and Liabilities, (a) the liquidation value of Floaters issued by the TOB Trust, and (b) the amount of any borrowings by the TOB Trust from a Liquidity Provider to enable the TOB Trust to purchase outstanding Floaters in lieu of a remarketing. In addition, the Fund recognizes in "Investment Income" the entire earnings of the Underlying Bond, and recognizes (a) the interest paid to the holders of the Floaters or on the TOB Trust's borrowings, and (b) other expenses related to remarketing, administration, trustee, liquidity and other services to a TOB Trust, as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

In contrast, an investment in an externally-deposited Inverse Floater is accounted for as a purchase of the Inverse Floater and is identified in the Fund's Portfolio of Investments as "(IF) – Inverse floating rate investment." For an externally-deposited Inverse Floater, a Fund's Statement of Assets and Liabilities recognizes the Inverse Floater and not the Underlying Bond as an asset, and the Fund does not recognize the Floaters, or any related borrowings from a

Liquidity Provider, as a liability. Additionally, the Fund reflects in "Investment Income" only the net amount of earnings on the Inverse Floater (net of the interest paid to the holders of the Floaters or the Liquidity Provider as lender, and the expenses of the Trust), and does not show the amount of that interest paid or the expenses of the TOB Trust as described above as interest expense on the Statement of Operations.

Fees paid upon the creation of a TOB Trust for self-deposited Inverse Floaters and externally-deposited Inverse Floaters are recognized as part of the cost basis of the Inverse Floater and are capitalized over the term of the TOB Trust.

As of the end of the reporting period, the aggregate value of Floaters issued by each Fund's TOB Trust for self-deposited Inverse Floaters and externally-deposited Inverse Floaters was as follows:

Floating Rate Obligations Outstanding	NVG	NZF	NMZ
Floating rate obligations: self-deposited Inverse Floaters	\$192,750,000	\$24,620,000	\$302,258,000
Floating rate obligations: externally-deposited Inverse Floaters	104,237,500	23,195,000	134,580,000
Total	\$296,987,500	\$47,815,000	\$436,838,000
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During the current fiscal period, the average amount of Floaters (including any borrowings from a Liquidity Provider) outstanding, and the average annual interest rate and fees related to self-deposited Inverse Floaters, were as follows:

Self-Deposited Inverse Floaters	NVG	NZF	NMZ	
Average floating rate obligations outstanding	\$192,958,011	\$29,365,746	\$285,293,956	
Average annual interest rate and fees	1.82	% 1.83 °	% 1.81	%

TOB Trusts are supported by a liquidity facility provided by a Liquidity Provider pursuant to which the Liquidity Provider agrees, in the event that Floaters are (a) tendered to the Trustee for remarketing and the remarketing does not occur, or (b) subject to mandatory tender pursuant to the terms of the TOB Trust agreement, to either purchase Floaters or to provide the Trustee with an advance from a loan facility to fund the purchase of Floaters by the TOB Trust. In certain circumstances, the Liquidity Provider may otherwise elect to have the Trustee sell the Underlying Bond to retire the Floaters that were tendered and not remarketed prior to providing such a loan. In these circumstances, the Liquidity Provider remains obligated to provide a loan to the extent that the proceeds of the sale of the Underlying Bond are not sufficient to pay the purchase price of the Floaters.

The size of the commitment under the loan facility for a given TOB Trust is at least equal to the balance of that TOB Trust's outstanding Floaters plus any accrued interest. In consideration of the loan facility, fee schedules are in place and are charged by the Liquidity Provider(s). Any loans made by the Liquidity Provider will be secured by the purchased Floaters held by the TOB Trust. Interest paid on any outstanding loan balances will be effectively borne by the Fund that owns the Inverse Floaters of the TOB Trust that has incurred the borrowing and may be at a rate that is greater than the rate that would have been paid had the Floaters been successfully remarketed.

As described above, any amounts outstanding under a liquidity facility are recognized as a component of "Floating rate obligations" on the Statement of Assets and Liabilities by the Fund holding the corresponding Inverse Floaters issued by the borrowing TOB Trust. As of the end of the reporting period NVG and NMZ had outstanding borrowings under such liquidity facilities in the amount of \$1,486,242 and \$793,368, respectively, which is recognized as a component of "Floating rate obligations" on the Statement of Assets and Liabilities. There were no loans outstanding under such facilities for NZF as of the end of the reporting period.

Each Fund may also enter into shortfall and forbearance agreements (sometimes referred to as a "recourse arrangement") (TOB Trusts involving such agreements are referred to herein as "Recourse Trusts"), under which a Fund agrees to reimburse the Liquidity Provider for the Trust's Floaters, in certain circumstances, for the amount (if any) by which the liquidation value of the Underlying Bond held by the TOB Trust may fall short of the sum of the liquidation value of the Floaters issued by the TOB Trust plus any amounts borrowed by the TOB Trust from the Liquidity Provider, plus any shortfalls in interest cash flows. Under these agreements, a Fund's potential exposure to losses related to or on an Inverse Floater may increase beyond the value of the Inverse Floater as a Fund may potentially be liable to fulfill all amounts owed to holders of the Floaters or the Liquidity Provider. Any such shortfall amount in the aggregate is recognized as "Unrealized depreciation on Recourse Trusts" on the Statement of Assets and Liabilities.

As of the end of the reporting period, each Fund's maximum exposure to the Floaters issued by Recourse Trusts for self-deposited Inverse Floaters and externally-deposited Inverse Floaters was as follows:

Floating Rate Obligations – Recourse Trusts

Maximum exposure to Recourse Trusts: self-deposited Inverse Floaters Maximum exposure to Recourse Trusts: externally-deposited Inverse Floaters

 NVG
 NZF
 NMZ

 \$152,540,000
 \$8,775,000
 \$233,188,000

 63,310,000
 12,610,000
 128,580,000

Total

\$215,850,000 \$21,385,000 \$361,768,000

Zero Coupon Securities

A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

Investments in Derivatives

In addition to the inverse floating rate securities in which each Fund may invest, which are considered portfolio securities for financial reporting purposes, each Fund is authorized to invest in certain derivative instruments such as futures, options and swap contracts. Each Fund limits its investments in futures, options on futures and swap contracts to the extent necessary for the Adviser to claim the exclusion from registration by the Commodity Futures Trading Commission as a commodity pool operator with respect to the Fund. The Funds record derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Funds' investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes.

Notes to Financial Statements (Unaudited) (continued)

Interest Rate Swap Contracts

Interest rate swap contracts involve a Fund's agreement with the counterparty to pay or receive a fixed rate payment in exchange for the counterparty receiving or paying a variable rate payment. Forward interest rate swap contracts involve a Fund's agreement with a counterparty to pay, in the future, a fixed or variable rate payment in exchange for the counterparty paying the Fund a variable or fixed rate payment, the accruals for which would begin at a specified date in the future (the "effective date").

The amount of the payment obligation for an interest rate swap is based on the notional amount and the termination date of the swap contract. Interest rate swap contracts do not involve the delivery of securities or other underlying assets or principal. Accordingly, the risk of loss with respect to the swap counterparty on such transactions is limited to the net amount of interest payments that the Fund is to receive.

Interest rate swap contracts are valued daily. Upon entering into an interest rate swap contract (and beginning on the effective date for a forward interest rate swap contract), a Fund accrues the fixed rate payment expected to be paid or received and the variable rate payment expected to be received or paid on the interest rate swap contracts on a daily basis, and recognizes the daily change in the fair value of the Fund's contractual rights and obligations under the contracts. For an over-the-counter ("OTC") swap that is not cleared through a clearing house ("OTC Uncleared"), the amount recorded on these transactions is recognized on the Statement of Assets and Liabilities as a component of "Unrealized appreciation or depreciation on interest rate swaps."

Upon the execution of an OTC swap cleared through a clearing house ("OTC Cleared"), the Fund is obligated to deposit cash or eligible securities, also known as "initial margin," into an account at its clearing broker equal to a specified percentage of the contract amount. Cash deposited by the Fund to cover initial margin requirements on open swap contracts, if any, is recognized as a component of "Cash collateral at brokers for investments in swaps" on the Statement of Assets and Liabilities. Investments in OTC Cleared swaps obligate the Fund and the clearing broker to settle monies on a daily basis representing changes in the prior day's "mark-to-market" of the swap contract. If the Fund has unrealized appreciation, the clearing broker will credit the Fund's account with an amount equal to the appreciation. Conversely, if the Fund has unrealized depreciation, the clearing broker will debit the Fund's account with an amount equal to the depreciation. These daily cash settlements are also known as "variation margin." Variation margin for OTC Cleared swaps is recognized as a receivable and/or payable for "Variation margin on swap contracts" on the Statement of Assets and Liabilities. Upon the execution of an OTC Uncleared swap, neither the Fund nor the counterparty is required to deposit initial margin as the trades are recorded bilaterally between both parties to the swap contract, and the terms of the variation margin for OTC Uncleared swaps is recognized as a component of "Unrealized appreciation or depreciation on interest rate swaps" as described in the preceding paragraph.

The net amount of periodic payments settled in cash are recognized as a component of "Net realized gain (loss) from swaps" on the Statement of Operations, in addition to the net realized gain or loss recorded upon the termination of the swap contract. For tax purposes, payments expected to be received or paid on the swap contracts are treated as ordinary income or expense, respectively. Changes in the value of the swap contracts during the fiscal period are recognized as a component of "Change in net unrealized appreciation (depreciation) of swaps" on the Statement of Operations. In certain instances, payments are made or received upon entering into the swap contract to compensate for differences between the stated terms of the swap agreements and prevailing market conditions (credit spreads, currency exchange rates, interest rates, and other relevant factors). Payments received or made at the beginning of the measurement period, if any, are recognized as "Interest rate swaps premiums paid and/or received" on the Statement of Assets and Liabilities.

During the current fiscal period, NVG continued to invest in forward interest rate swap contracts, as part of its duration management strategies, to help reduce price volatility risk to movements in U.S. interest rates relative to the

Fund's benchmark.

The average notional amount of interest rate swap contracts outstanding during the current fiscal period was as follows:

NVG

Average notional amount of interest rate swap contracts outstanding* \$122,400,000

^{*}The average notional amount is calculated based on the outstanding notional at the beginning of the fiscal period and at the end of each fiscal quarter within the current fiscal period.

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The following table presents the fair value of all swap contracts held by NVG as of the end of the reporting period, the location of these instruments on the Statement of Assets and Liabilities and the primary underlying risk exposure.

		Location on the Statement of Assets and Liabilities			
		Asset Derivatives		(Liability) Derivatives	
Underlying	Derivative				
Risk Exposure	Instrument	Location	Value	Location	Value
NVG					
Interest rate	Swaps (OTC	Unrealized appreciation	\$1,776,517	_	\$ —
	Uncleared)	on interest rate swaps			
Interest rate	Swaps (OTC	_	_	Payable for variation margin	4,456,260
	Cleared)			on swap contracts*	
Total			\$1,776,517		\$4,456,260

Some swap contracts require a counterparty to pay or receive a premium, which is disclosed on the Statement of *Assets and Liabilities and is not reflected in the cumulative unrealized appreciation (depreciation) presented above. Value represents the unrealized appreciation (depreciation) of swaps as reported in the Fund's Portfolio of Investments and not the asset and/or liability amount as described in the table above.

The following table presents the Fund's swap contracts subject to netting agreements, and the collateral delivered related to those swap contracts as of the end of the reporting period.

					on the Statement Assets and Liabil	of
		Gross	Gross	Net Unrealized		
		Unrealized	Unrealized	Appreciation		Collateral
		Appreciation on	(Depreciation) on	(Depreciation) on		Pledged
		Interest Rate	Interest Rate	Interest Rate	Financial	to (from) Net
Fund	Counterparty	Swaps **	Swaps **	* Swaps	Instruments ***	Counterparty Exposure
NVG	JPMorgan Chase	\$1,776,517	S —	\$1,776,517	\$ —	\$(1,701,391)\$75,126
	Bank, N.A.					

^{**} Represents gross unrealized appreciation (depreciation) for the counterparty as reported in the Fund's Portfolio of Investments.

The following table presents the amount of net realized gain (loss) and change in net unrealized appreciation (depreciation) recognized on swap contracts on the Statement of Operations during the current fiscal period, and the primary underlying risk exposure.

Change in Net

^{***}Represents inverse floating rate securities available for offset, when applicable.

			Net Realized	Unrealized Appreciation
	Underlying	Derivative	Gain (Loss) from	(Depreciation) of
Fund	Risk Exposure	Instrument	Swaps	Swaps
NVG	Interest rate	Swaps	\$20,980	\$5,084,705

Market and Counterparty Credit Risk

In the normal course of business each Fund may invest in financial instruments and enter into financial transactions where risk of potential loss exists due to changes in the market (market risk) or failure of the other party to the transaction to perform (counterparty credit risk). The potential loss could exceed the value of the financial assets recorded on the financial statements. Financial assets, which potentially expose each Fund to counterparty credit risk, consist principally of cash due from counterparties on forward, option and swap transactions, when applicable. The extent of each Fund's exposure to counterparty credit risk in respect to these financial assets approximates their carrying value as recorded on the Statement of Assets and Liabilities.

Each Fund helps manage counterparty credit risk by entering into agreements only with counterparties the Adviser believes have the financial resources to honor their obligations and by having the Adviser monitor the financial stability of the counterparties. Additionally, counterparties may be required to pledge collateral daily (based on the daily valuation of the financial asset) on behalf of each Fund with a value approximately equal to the amount of any unrealized gain above a pre-determined threshold. Reciprocally, when each Fund has an unrealized loss, the Funds have instructed the custodian to pledge assets of the Funds as collateral with a value approximately equal to the amount of the unrealized loss above a pre-determined threshold. Collateral pledges are monitored and subsequently adjusted if and when the valuations fluctuate, either up or down, by at least the pre-determined threshold amount.

Notes to Financial Statements (Unaudited) (continued)

4. Fund Shares

Common Shares

Common Shares Equity Shelf Programs and Offering Costs

NMZ has filed a registration statement with the Securities and Exchange Commission ("SEC") authorizing the Fund to issue additional common shares through one or more equity shelf programs ("Shelf Offering"), which became effective with the SEC during the current and prior fiscal period.

Under this Shelf Offering, the Fund, subject to market conditions, may raise additional equity capital by issuing additional common shares from time to time in varying amounts and by different offering methods at a net price at or above the Fund's NAV per common share. In the event the Fund's Shelf Offering registration statement is no longer current, the Fund may not issue additional common shares until a post-effective amendment to the registration statement has been filed with the SEC.

Additional authorized common shares, common shares sold and offering proceeds, net of offering costs under the Fund's Shelf Offering during the Fund's current and prior fiscal period were as follows:

	NMZ	
	Six Months	Year
	Ended	Ended
	4/30/18	10/31/17
Additional authorized common shares	15,700,000	21,200,000
Common shares sold	669,558	5,696,100
Offering proceeds, net of offering costs	\$9.084.815	\$75,368,774

Costs incurred by the Fund in connection with its initial shelf registration is recorded as a prepaid expense and recognized as "Deferred offering costs" on the Statement of Assets and Liabilities. These costs are amortized pro rata as shares are sold and are recognized as a component of "Proceeds from shelf offering, net of offering costs" on the Statement of Changes in Net Assets. Any deferred offering costs remaining one year after effectiveness of the initial shelf registration will be expensed. Costs incurred by the Funds to keep the shelf registration current are expensed as incurred and recognized as a component of "Other expenses" on the Statement of Operations.

Common Share Transactions

Transactions in common shares for the Funds during the Funds' current and prior fiscal period, where applicable, were as follows:

	NMZ	
	Six	Year
Common shares:	Months	Ended
	Ended 4/30/18	10/31/17
Issued to shareholders due to reinvestment of distributions	20,267	68,955
Sold through shelf offering	669,558	5,696,100

Weighted average common share:

Premium to NAV per shelf offering share sold 1.13 % 1.30 %

Preferred Shares

Adjustable Rate MuniFund Term Preferred Shares

NMZ have issued and have outstanding Adjustable Rate MuniFund Term Preferred ("AMTP") Shares, with a \$100,000 liquidation preference per share. AMTP Shares are issued via private placement and are not publicly available.

As of the end of the reporting period, NMZ had \$86,867,364 AMTP Shares outstanding, at liquidation preference, net of deferred offering costs. Further details of NMZ's AMTP Shares outstanding as of the end of the reporting period, were as follows:

Fund	Series	Shares	Liquidation
runa	Series	Outstanding	Preference
NMZ	2028	870	\$87,000,000
138			

The Fund is obligated to redeem its AMTP Shares by the date as specified in its offering document ("Term Redemption Date"), unless earlier redeemed by the Fund. AMTP Shares are subject to optional and mandatory redemption in certain circumstances. The AMTP Shares may be redeemed at the option of the Fund, subject to payment of premium for approximately six months following the date of issuance ("Premium Expiration Date"), and at the redemption price per share thereafter. The redemption price per share is equal to the sum of the liquidation preference per share plus any accumulated but unpaid dividends.

AMTP Shares are short-term or short/intermediate-term instruments that pay a variable dividend rate tied to a short-term index, plus an additional fixed "spread" amount which is initially established at the time of issuance and may be adjusted in the future based upon a mutual agreement between the majority owner and the Fund. From time-to-time the majority owner may propose to the Fund an adjustment to the dividend rate. Should the majority owner and the Fund fail to agree upon an adjusted dividend rate, and such proposed dividend rate adjustment is not withdrawn, the Fund will be required to redeem all outstanding shares upon the end of a notice period.

In addition, the Fund may be obligated to redeem a certain amount of the AMTP Shares if the Fund fails to maintain certain asset coverage and leverage ratio requirements and such failures are not cured by the applicable cure date. The Term Redemption Date and Premium Expiration Date for the Fund's AMTP Shares are as follows:

Notice Term Premium

Fund Period Series Redemption Date Expiration Date

NMZ 360-day 2028 March 1, 2028* August 31, 2018

The average liquidation preference of AMTP Shares outstanding and annualized dividend rate for the Fund during the current fiscal period were as follows:

Average liquidation preference of AMTP Shares outstanding \$87,000,000

Annualized dividend rate \$2.30 %

AMTP Shares are subject to restrictions on transfer, generally do not trade, and market quotations are generally not available. The fair value of AMTP Shares is expected to be approximately their liquidation preference so long as the fixed "spread" on the AMTP Shares remains roughly in line with the "spread" being demanded by investors on instruments having similar terms in the current market environment. In present market conditions, the Funds' Adviser has determined that the fair value of AMTP Shares is approximately their liquidation preference, but their fair value could vary if market conditions change materially. For financial reporting purposes, the liquidation preference of AMTP Shares is a liability and is recognized as a component of "Adjustable Rate MuniFund Term Preferred ("AMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities.

^{*}Subject to early termination by either the Fund or the holder.

^{*}For the period February 26, 2018 through April 30, 2018

AMTP Share dividends are treated as interest payments for financial reporting purposes. Unpaid dividends on AMTP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities. Dividends accrued on AMTP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

NMZ incurred offering costs of \$135,000 in connection with its offering of AMTP Shares were recorded as deferred charges which are amortized over the life of the shares and are recognized as components of "Adjustable Rate MuniFund Term Preferred ("AMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offering costs" on the Statement of Operations.

MuniFund Preferred Shares

The following Funds have issued and have outstanding MuniFund Preferred ("MFP") Shares, with a \$100,000 liquidation preference per share. These MFP Shares were issued via private placement and are not publically available.

The Funds are obligated to redeem their MFP Shares by the date as specified in its offering documents ("Term Redemption Date"), unless earlier redeemed by the Funds. MFP Shares are initially issued in a pre-specified mode, however, MFP Shares can be subsequently designated as an alternative mode at a later date at the discretion of the Funds. The modes within MFP Shares detail the dividend mechanics and are described as follows. At a subsequent date, the Fund may establish additional mode structures with the MFP Share.

Variable Rate Remarketed Mode ("VRRM") – Dividends for MFP Shares within this mode will be established by a remarketing agent; therefore, market value of the MFP Shares is expected to approximate its liquidation preference. Shareholders have the ability to request a best-efforts tender of its shares upon seven days notice. If the remarketing agent is unable to identify an alternative purchaser, the shares will be retained by the shareholder requesting tender and the subsequent dividend rate will increase to its step-up dividend rate. If after one consecutive year of unsuccessful remarketing attempts, the Fund will be required to designate an alternative mode or redeem the shares.

Notes to Financial Statements (Unaudited) (continued)

Each Fund will pay a remarketing fee on the aggregate principal amount of all MFP Shares while designated in VRRM. Payments made by the Fund to the remarketing agent are recognized as "Remarketing fees" on the Statement of Operations.

Variable Rate Mode ("VRM") – Dividends for MFP Shares designated in this mode are based upon a short-term index plus an additional fixed "spread" amount established at the time of issuance or renewal / conversion of its mode. At the end of the period of the mode, the Fund will be required to either extend the term of the mode, designate an alternative mode or redeem the MFP Shares.

The fair value of MFP Shares while in VRM are expected to approximate their liquidation preference so long as the fixed "spread" on the shares remains roughly in line with the "spread" being demanded by investors on instruments having similar terms in the current market. In current market conditions, the Adviser has determined that the fair value of the shares are approximately their liquidation preference, but their fair value could vary if market conditions change materially.

Variable Rate Demand Mode ("VRDM") – Dividends for MFP Shares designated in this mode will be established by a remarketing agent; therefore, the market value of the MFP Shares is expected to approximate its liquidation preference. While in this mode, Shares will have an unconditional liquidity feature that enable its shareholders to require a liquidity provider, which the Fund has entered into a contractual agreement, to purchase shares in the event •that the shares are not able to be successfully remarketed. In the event that shares within this mode are unable to be successfully remarketed and are purchased by the liquidity provider, the dividend rate will be the maximum rate which is designed to escalate according to a specified schedule in order to enhance the remarketing agent's ability to successfully remarket the shares. Each Fund is required to redeem any shares that are still owned by a liquidity provider after six months of continuous, unsuccessful remarketing.

The Fund will pay a liquidity and remarketing fee on the aggregate principal amount of all MFP shares while within VRDM. Payments made by the Fund to the liquidity provider and remarketing agent are recognized as "Liquidity fees" and "Remarketing fees", respectively, on the Statement of Operations.

For financial reporting purposes, the liquidation preference of MFP Shares is recorded as a liability and is recognized as a component of "MuniFund Preferred ("MFP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities. Dividends on the MFP shares are treated as interest payments for financial reporting purposes. Unpaid dividends on MFP shares are recognized as a component on "Interest payable" on the Statement of Assets and Liabilities. Dividends accrued on MFP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Subject to certain conditions, MFP Shares may be redeemed, in whole or in part, at any time at the option of the Fund. The Fund may also be required to redeem certain MFP shares if the Fund fails to maintain certain asset coverage requirements and such failures are not cured by the applicable cure date. The redemption price per share in all circumstances is equal to the liquidation preference per share plus any accumulated but unpaid dividends.

NVG and NZF incurred offering costs of \$295,000 and \$290,000, respectively in connection with their offering of MFP Shares, which were recorded as a deferred charge and are being amortized over the life of the shares. These offering costs are recognized as a component of "MuniFund Preferred ("MFP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offering costs" on the Statement of Operations.

As of the end of the reporting period, NVG and NZF had \$405,094,990 and \$304,389,774 MFP Shares at liquidation preference, net of deferred offering costs, respectively. Further details of each Fund's MFP Shares outstanding as of the end of the reporting period, were as follows:

Fund	Series	Shares Outstanding	Liquidation Preference	Term Redemption Date	Mode	Mode Termination Date
NVG	A	4,054	\$405,400,000	January 3, 2028	VRM	January 3, 2028*
NZF	A	1,500	\$150,000,000	May 1, 2047	VRM	May 1, 2047*
	В	1,550	155,000,000	February 3, 2048	VRM	February 3, 2048*

^{*}Subject to earlier termination by either the Fund or the holder.

The average liquidation preference of MFP Shares outstanding and annualized dividend rate for the Funds during the current fiscal period were as follows:

	NVG	** NZF	
Average liquidation preference of MFP Shares outstanding	\$405,400,000	\$213,370	0,166
Annualized dividend rate	2.02	% 2.04	%

^{**}For the period January 29, 2018 (first issuance of shares) through April 30,2018. 140

Variable Rate MuniFund Term Preferred Shares

The Funds have issued and have outstanding Variable Rate MuniFund Term Preferred ("VMTP") Shares, with a \$100,000 liquidation preference per share. VMTP Shares are issued via private placement and are not publicly available.

On January 29, 2018, NVG redeemed all of its outstanding Series 2018 VMTP Shares and on February 26, 2018, NMZ redeemed all of its outstanding Series 2018 VMTP Shares. Each Fund's VMTP Shares were redeemed at their \$100,000 liquidation value per share, plus dividend amounts owed, using proceeds from its issuance of MFP Shares (as described above in MuniFund Preferred Shares).

As of the end of the reporting period, NZF had \$335,980,501 VMTP Shares outstanding, at liquidation preference, net of deferred offering costs. Further details of NVG's VMTP Shares outstanding as of the end of the reporting period, were as follows:

Fund	Series	Shares Outstanding	Liquidation Preference
NZF	2019	3,360	\$336,000,000

The Fund is obligated to redeem its VMTP Shares by the date as specified in its offering document ("Term Redemption Date"), unless earlier redeemed by the Fund. VMTP Shares are subject to optional and mandatory redemption in certain circumstances. The VMTP Shares may be redeemed at the option of the Fund, subject to payment of premium for approximately one year following the date of issuance ("Premium Expiration Date"), and at the redemption price per share thereafter. The redemption price per share is equal to the sum of the liquidation preference per share plus any accumulated but unpaid dividends. The Fund may be obligated to redeem a certain amount of the VMTP Shares if the Fund fails to maintain certain asset coverage and leverage ratio requirements and such failures are not cured by the applicable cure date. The Term Redemption Date and Premium Expiration Date for the Fund's VMTP Shares are as follows:

Fund	Series	Term	Premium
		Redemption Date	Expiration Date
NZF	2019	July 1, 2019	May 31, 2017

The average liquidation preference of VMTP Shares outstanding and annualized dividend rate for each Fund during the current fiscal period were as follows:

	NVG	* NZF	NMZ	**
Average liquidation preference of VMTP Shares outstanding	\$240,400,000	\$336,000,0	00 \$87,000,0	00
Annualized dividend rate	2.09	% 2.29	% 2.03	%

^{*} For the period November 1, 2017 through January 28, 2018.

VMTP Shares are subject to restrictions on transfer, generally do not trade, and market quotations are generally not available. VMTP Shares are short-term or short/intermediate-term instruments that pay a variable dividend rate tied to a short-term index, plus an additional fixed "spread" amount established at the time of issuance. The fair value of VMTP

^{**}For the period November 1, 2017 through February 25, 2018.

Shares is expected to be approximately their liquidation preference so long as the fixed "spread" on the VMTP Shares remains roughly in line with the "spread" being demanded by investors on instruments having similar terms in the current market environment. In present market conditions, the Funds' Adviser has determined that fair value of VMTP Shares is approximately their liquidation preference, but their fair value could vary if market conditions change materially. For financial reporting purposes, the liquidation preference of VMTP Shares is a liability and is recognized as a component of "Variable Rate MuniFund Term Preferred ("VMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities.

Dividends on the VMTP shares (which are treated as interest payments for financial reporting purposes) are set weekly. Unpaid dividends on VMTP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities. Dividends accrued on VMTP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Costs incurred in connection with each Fund's offering of VMTP Shares were recorded as deferred charges, which are amortized over the life of the shares and are recognized as components of "Variable Rate MuniFund Term Preferred ("VMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offering costs" on the Statement of Operations.

In conjunction with NVG's and NMZ's redemption of VMTP Shares, the remaining deferred cost of \$6,931 and \$6,482, respectively, were fully expensed during the current fiscal period, as the redemptions were deemed an extinguishment of debt.

Notes to Financial Statements (Unaudited) (continued)

Variable Rate Demand Preferred Shares

The following Funds have issued and have outstanding Variable Rate Demand Preferred ("VRDP") Shares, with a \$100,000 liquidation preference per share. VRDP Shares are issued via private placement and are not publicly available.

As of the end of the reporting period, NVG and NZF had \$1,407,633,477 and \$721,949,584 VRDP Shares at liquidation preference, net of deferred offering costs, respectively. Further details of the Funds' VRDP Shares outstanding as of the end of the reporting period, were as follows:

Fund	Series	Shares Outstanding	Liquidation Preference	Maturity
NVG	1	1,790	\$179,000,000	December 1, 2043
	2	3,854	\$385,400,000	December 1, 2040
	4	1,800	\$180,000,000	June 1, 2046
	5	3,405	\$340,500,000	December 1, 2040
	6	3,267	\$326,700,000	December 1, 2040
NZF	1	2,688	\$268,800,000	March 1, 2040
	2	2,622	\$262,200,000	March 1, 2040
	3	1,960	\$196,000,000	June 1, 2040

VRDP Shares include a liquidity feature that allows VRDP shareholders to have their shares purchased by a liquidity provider with whom each Fund has contracted in the event that the VRDP Shares are not able to be successfully remarketed. Each Fund is required to redeem any VRDP Shares that are still owned by the liquidity provider after six months of continuous, unsuccessful remarketing. Each Fund pays an annual remarketing fee of 0.10% on the aggregate principal amount of all VRDP Shares outstanding. Each Fund's VRDP Shares have successfully remarketed since issuance.

NVG's Series 1 and Series 4 VRDP Shares are considered to be Special Rate Period VRDP, which are sold to institutional investors. During the special rate period, the VRDP Shares will not be remarketed by a remarketing agent, be subject to optional or mandatory tender events, or be supported by a liquidity provider. During the special rate period, VRDP dividends will be set monthly as a floating rate based on the predetermined formula. Following the initial special rate period, Special Rate Period VRDP Shares will transition to traditional VRDP Shares with dividends set at weekly remarketings, and be supported by a designated liquidity provider, unless the Board approves a subsequent special rate period.

During the current fiscal period, NZF designated a special rate period until November 7, 2018, for the Fund's Series 1 and 2 VRDP Shares. In connection with the transition to the special rate period, the series of VRDP Shares have been remarketed and sold to an institutional investor. During the special rate period, the VRDP Shares will not be remarketed by a remarketing agent, be subject to optional or mandatory tender events, or be supported by a liquidity provider. During the period, VRDP dividends will be set monthly as a floating rate based on the predetermined formula. Following the initial special rate period, Special Rate Period VRDP Shares will transition to traditional VRDP Shares with dividends set at weekly remarketings, and be supported by designated liquidity provider, unless the Board approves a subsequent special rate period.

Dividends on the VRDP Shares (which are treated as interest payments for financial reporting purposes) are set at a rate established by a remarketing agent; therefore, the market value of the VRDP Shares is expected to approximate its

liquidation preference. In the event that VRDP Shares are unable to be successfully remarketed, the dividend rate will be the maximum rate which is designed to escalate according to a specified schedule in order to enhance the remarketing agent's ability to successfully remarket the VRDP Shares.

Subject to certain conditions, VRDP Shares may be redeemed, in whole or in part, at any time at the option of each Fund. Each Fund may also redeem certain of the VRDP Shares if the Fund fails to maintain certain asset coverage requirements and such failures are not cured by the applicable cure date. The redemption price per share is equal to the sum of the liquidation preference per share plus any accumulated but unpaid dividends.

The average liquidation preference of VRDP Shares outstanding and annualized dividend rate for each Fund during the current fiscal period were as follows:

Average liquidation preference of VRDP Shares outstanding \$1,411,600,000 \$727,000,000 Annualized dividend rate \$1.58 \% 1.79 \%

For financial reporting purposes, the liquidation preference of VRDP Shares is a liability and is recognized as a component of "Variable Rate Demand Preferred ("VRDP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities. Unpaid dividends on VRDP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities, when applicable. Dividends accrued on VRDP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations. Costs incurred by the Funds in connection with their offerings of VRDP Shares were recorded as a deferred charge, which are amortized over the life of the shares and are recognized as a component of "Variable Rate Demand Preferred ("VRDP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offerings costs" on the Statement of Operations. In addition to interest expense, each Fund also pays a per annum liquidity fee to the liquidity provider, as well as a remarketing fee, which are recognized as "Liquidity fees" and "Remarketing fees," respectively, on the Statement of Operations.

Preferred Share Transactions

Transactions in preferred shares for the Funds during the Funds' current and prior fiscal period, where applicable, are noted in the following tables.

Transactions in AMTP Shares for the Funds, where applicable, were as follows:

Six Months Ended April 30, 2018

NVG Series Shares Amount
AMTP Shares issued 2028 870 \$87,000,000

Transactions in iMTP Shares for the Funds, where applicable, were as follows:

Year Ended October 31, 2017

NZF Series Shares Amount iMTP Shares redeemed 2017 (30,000)\$(150,000,000)

Transactions in MFP Shares for the Funds, where applicable, were as follows:

Six Months Ended April 30, 2018

NVG Series Shares Amount
MFP Shares issued A 4,054 \$405,400,000

Six Months Ended April 30, 2018

NZF Series Shares Amount
MFP Shares issued B 1,550 \$155,000,000

Transactions in MFP Shares for the Funds, where applicable, were as follows:

Year Ended October 31, 2017

NZF Series Shares Amount
MFP Shares issued A 1,500 \$150,000,000

Transactions in VMTP Shares for the Funds, where applicable, were as follows:

Six Months Ended April 30, 2018

NVG Series Shares Amount
VMTP Shares redeemed 2018 (2,404)\$(240,400,000)

Six Months Ended April 30, 2018

NMZ Series Shares Amount
VMTP Shares exchanged 2018 (870)\$(87,000,000)

Transactions in VRDP Shares for the Funds, where applicable, were as follows:

	Year Ended October 31, 2017			
NVG	Series	Shares	Amount	
VRDP Shares issued	5	3,405	\$340,500,000	
	6	3,267	326,700,000	
VRDP Shares exchanged	3	(6,672)	(667,200,000	
Net increase (decrease)		_	\$	

Notes to Financial Statements (Unaudited) (continued)

5. Investment Transactions

Long-term purchases and sales (including maturities but excluding derivative transactions, where applicable) during the current fiscal period were as follows:

NVG NZF NMZ \$419,742,535 \$479,529,894 \$122,667,574 Sales and maturities 254,401,736 359,148,797 57,766,998

6. Income Tax Information

Purchases

Each Fund is a separate taxpayer for federal income tax purposes. Each Fund intends to distribute substantially all of its net investment income and net capital gains to shareholders and to otherwise comply with the requirements of Subchapter M of the Internal Revenue Code applicable to regulated investment companies. Therefore, no federal income tax provision is required. Furthermore, each Fund intends to satisfy conditions that will enable interest from municipal securities, which is exempt from regular federal income tax, to retain such tax-exempt status when distributed to shareholders of the Funds. Net realized capital gains and ordinary income distributions paid by the Funds are subject to federal taxation.

For all open tax years and all major taxing jurisdictions, management of the Funds has concluded that there are no significant uncertain tax positions that would require recognition in the financial statements. Open tax years are those that are open for examination by taxing authorities (i.e., generally the last four tax year ends and the interim tax period since then). Furthermore, management of the Funds is also not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

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

The tables below present the cost and unrealized appreciation (depreciation) of each Fund's investment portfolio, as determined on a federal income tax basis, as of April 30, 2018.

For purposes of this disclosure, derivative tax cost is generally the sum of any upfront fees or premiums exchanged and any amounts unrealized for income statement reporting but realized in income and/or capital gains for tax reporting. If a particular derivative category does not disclose any tax unrealized appreciation or depreciation, the change in value of those derivatives have generally been fully realized for tax purposes.

	NVG	NZF	NMZ
Tax cost of investments	\$4,637,400,128	\$3,295,562,512	\$878,675,682
Gross unrealized:			
Appreciation	\$343,102,442	\$256,816,367	\$78,583,104
Depreciation	(24,281,499) (35,783,334) (50,335,607)
Net unrealized appreciation (depreciation) of investments	\$318,820,943	\$221,033,033	\$28,247,497

NVG

Tax cost of swaps \$1,017
Net unrealized appreciation (depreciation) of swaps \$6,232,777

Permanent differences, primarily due to federal taxes paid, nondeductible offering costs, nondeductible reorganization expenses, taxable market discount, distribution reallocations, and expiration of capital loss carryforwards, resulted in reclassifications among the Funds' components of common share net assets as of October 31, 2017, the Funds' last tax year end, as follows:

	NVG	NZF	NMZ	
Paid-in-surplus	\$(592,189)	\$(483,872)	\$(30,940,085))
Undistributed (Over-distribution of) net investment income	469,433	113,435	(13,567)
Accumulated net realized gain (loss)	122,756	370,437	30,953,652	
144				

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains as of October 31, 2017, the Funds' last tax year end, were as follows:

	NVG	NZF	NMZ
Undistributed net tax-exempt income ¹	\$9,073,422	\$7,707,977	\$1,041,123
Undistributed net ordinary income ²	1,319,977	1,543,414	594,321
Undistributed net long-term capital gains	_	_	_

Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on October 2, 2017, and paid on November 1, 2017.

	NVG	NZF	NMZ
Distributions from net tax-exempt income	\$197,183,447	\$141,959,988	\$49,678,186
Distributions from net ordinary income ²	231,498	286,558	306,114
Distributions from net long-term capital gains	5,905,855	255,176	_

²Net ordinary income consists of taxable market discount income and net short-term capital gains, if any. As of October 31, 2017, the Funds' last tax year end, the Funds had unused capital loss carryforwards available for federal income tax purposes to be applied against future capital gains, if any. If not applied, the carryforwards will expire as shown in the following table. The losses not subject to expiration will be utilized first by a Fund.

	NVG	NZF	3 NMZ 3
Expiration:			
October 31, 2018	\$ —	\$ —	\$1,362,739
Not subject to expiration	11,069,711	24,481,773	
Total	\$11,069,711	\$24,481,773	\$1,362,739

A portion of NZF's and NMZ's capital loss carryforward is subject to an annual limitation under the Internal Revenue Code and related regulations.

As of October 31, 2017, the Funds' last tax year end, the following Funds' capital loss carryforwards expired as follows:

NVG NMZ

Expired capital loss carryforwards \$322,087 \$30,734,989

²Net ordinary income consists of taxable market discount income and net short-term capital gains, if any. The tax character of distributions paid during the Funds' last tax year ended October 31, 2017, was designated for purposes of the dividends paid deduction as follows:

During the Funds' last tax year ended October 31, 2017, the following Funds utilized capital loss carryforwards as follows:

NVG NMZ

Utilized capital loss carryforwards \$624,345 \$4,671,028

7. Management Fees and Other Transactions with Affiliates

Management Fees

Each Fund's management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Sub-Adviser is compensated for its services to the Funds from the management fees paid to the Adviser.

Each Fund's management fee consists of two components – a fund-level fee, based only on the amount of assets within each individual Fund, and a complex-level fee, based on the aggregate amount of all eligible fund assets managed by the Adviser. This pricing structure enables Fund shareholders to benefit from growth in the assets within their respective Fund as well as from growth in the amount of complex-wide assets managed by the Adviser.

Notes to Financial Statements (Unaudited) (continued)

The annual fund-level fee, payable monthly, for each Fund is calculated according to the following schedules:

	NVG NZF
Average Daily Managed Assets*	Fund-Level
Average Dany Manageu Assets	Fee Rate
For the first \$125 million	0.5000 %
For the next \$125 million	0.4875
For the next \$250 million	0.4750
For the next \$500 million	0.4625
For the next \$1 billion	0.4500
For the next \$3 billion	0.4250
For managed assets over \$5 billion	0.4125

Average Daily Managed Assets*	NMZ Fund-L	evel
Tiverage Duny Wanagea Hisseas	Fee Rat	e
For the first \$125 million	0.5500	%
For the next \$125 million	0.5375	
For the next \$250 million	0.5250	
For the next \$500 million	0.5125	
For the next \$1 billion	0.5000	
For the next \$3 billion	0.4750	
For managed assets over \$5 billion	0.4625	

The annual complex-level fee, payable monthly, for each Fund is calculated by multiplying the current complex-wide fee rate, determined according to the following schedule by the Fund's daily managed assets:

Complex-Level Eligible Asset Breakpoint	Effective Complex-Level Level* Fee Rate at Breakpoint Level
\$55 billion	0.2000 %
\$56 billion	0.1996
\$57 billion	0.1989
\$60 billion	0.1961
\$63 billion	0.1931
\$66 billion	0.1900
\$71 billion	0.1851
\$76 billion	0.1806
\$80 billion	0.1773
\$91 billion	0.1691
\$125 billion	0.1599
\$200 billion	0.1505

\$250 billion 0.1469 \$300 billion 0.1445

For the complex-level fees, managed assets include closed-end fund assets managed by the Adviser that are attributable to certain types of leverage. For these purposes, leverage includes the funds' use of preferred stock and borrowings and certain investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities, subject to an agreement by the Adviser as to certain funds *to limit the amount of such assets for determining managed assets in certain circumstances. The complex-level fee is calculated based upon the aggregate daily managed assets of all Nuveen open-end and closed-end funds that constitute "eligible assets." Eligible assets do not include assets attributable to investments in other Nuveen funds or assets in excess of a determined amount (originally \$2 billion) added to the Nuveen fund complex in connection with the Adviser's assumption of the management of the former First American Funds effective January 1, 2011. As of April 30, 2018, the complex-level fee for each Fund was 0.1595%.

Other Transactions with Affiliates

Each Fund is permitted to purchase or sell securities from or to certain other funds managed by the Adviser ("inter-fund trade") under specified conditions outlined in procedures adopted by the Board. These procedures have been designed to ensure that any inter-fund trade of securities by the Fund from or to another fund that is, or could be, considered an affiliate of the Fund under certain limited circumstances by virtue of having a common investment adviser (or affiliated investment adviser), common officer and/or common trustee complies with Rule 17a-7 of the 1940 Act. Further, as defined under these procedures, each inter-fund trade is effected at the current market price as provided by an independent pricing service. Unsettled

inter-fund trades as of the end of the reporting period are recognized as a component of "Receivable for investments sold" and/or "Payable for investments purchased" on the Statement of Assets and Liabilities, when applicable.

During the current fiscal period, the following Fund engaged in inter-fund trades pursuant to these procedures as follows:

Inter-Fund Trades NZF

Purchases \$37,045,331 Sales \$38,218,714

8. Borrowing Arrangements

Committed Line of Credit

The Funds, along with certain other funds managed by the Adviser ("Participating Funds"), have established a 364-day, approximately \$3 billion standby credit facility with a group of lenders, under which the Participating Funds may borrow for various purposes other than leveraging for investment purposes. A large portion of this facility's capacity (and its associated costs as described below) is currently dedicated for use by a small number of Participating Funds, which does not include any of the Funds covered by this shareholder report. The remaining capacity under the facility (and the corresponding portion of the facility's annual costs) is separately dedicated to most of the other open-end funds in the Nuveen fund family, along with a number of Nuveen closed-end funds, including all of the Funds covered by this shareholder report. The credit facility expires in July 2018 unless extended or renewed.

The credit facility has the following terms: a fee of 0.15% per annum on unused commitment amounts, and interest at a rate equal to the higher of (a) one-month LIBOR (London Inter-Bank Offered Rate) plus 1.00% per annum or (b) the Fed Funds rate plus 1.00% per annum on amounts borrowed. Participating Funds paid administration, legal and arrangement fees, which are recognized as a component of "Other expenses" on the Statement of Operations, and along with commitment fees, have been allocated among such Participating Funds based upon the relative proportions of the facility's aggregate capacity reserved for them and other factors deemed relevant by the Adviser and the Board of each Participating Fund.

During the current fiscal period, the following Funds utilized this facility. The Fund's maximum outstanding balance during the utilization period was as follows:

NVG NZF

Maximum Outstanding Balance \$42,557,485 \$78,500,000

During the Fund's utilization period, during the current fiscal period, the average daily balance outstanding and average annual interest rate on the Borrowings were as follows:

NVG NZF

Average daily balance outstanding \$14,600,000 \$13,215,152 Average annual interest rate 2.46 % 2.31 %

Borrowings outstanding as of the end of the reporting period are recognized as "Borrowings" on the Statement of Assets and Liabilities, where applicable. NMZ did not utilize this facility during the current fiscal period.

Inter-Fund Borrowing and Lending

The SEC has granted an exemptive order permitting registered open-end and closed-end Nuveen funds to participate in an inter-fund lending facility whereby the Nuveen funds may directly lend to and borrow money from each other

for temporary purposes (e.g., to satisfy redemption requests or when a sale of securities "fails," resulting in an unanticipated cash shortfall) (the "Inter-Fund Program"). The closed-end Nuveen funds, including the Funds covered by this shareholder report, will participate only as lenders, and not as borrowers, in the Inter-Fund Program because such closed-end funds rarely, if ever, need to borrow cash to meet redemptions. The Inter-Fund Program is subject to a number of conditions, including, among other things, the requirements that (1) no fund may borrow or lend money through the Inter-Fund Program unless it receives a more favorable interest rate than is typically available from a bank or other financial institution for a comparable transaction; (2) no fund may borrow on an unsecured basis through the Inter-Fund Program unless the fund's outstanding borrowings from all sources immediately after the inter-fund borrowing total 10% or less of its total assets; provided that if the borrowing fund has a secured borrowing outstanding from any other lender, including but not limited to another fund, the inter-fund loan must be secured on at least an equal priority basis with at least an equivalent percentage of collateral to loan value; (3) if a fund's total outstanding borrowings immediately after an inter-fund borrowing would be greater than 10% of its total assets, the fund may borrow through the inter-fund loan on a secured basis only; (4) no fund may lend money if the loan would cause its aggregate outstanding loans through the Inter-Fund Program to exceed 15% of its net assets at the time of the loan; (5) a fund's inter-fund loans to any one fund shall not exceed 5% of the lending fund's

Notes to Financial Statements (Unaudited) (continued)

net assets; (6) the duration of inter-fund loans will be limited to the time required to receive payment for securities sold, but in no event more than seven days; and (7) each inter-fund loan may be called on one business day's notice by a lending fund and may be repaid on any day by a borrowing fund. In addition, a Nuveen fund may participate in the Inter-Fund Program only if and to the extent that such participation is consistent with the fund's investment objective and investment policies. The Board is responsible for overseeing the Inter-Fund Program.

The limitations detailed above and the other conditions of the SEC exemptive order permitting the Inter-Fund Program are designed to minimize the risks associated with Inter-Fund Program for both the lending fund and the borrowing fund. However, no borrowing or lending activity is without risk. When a fund borrows money from another fund, there is a risk that the loan could be called on one day's notice or not renewed, in which case the fund may have to borrow from a bank at a higher rate or take other actions to payoff such loan if an inter-fund loan is not available from another fund. Any delay in repayment to a lending fund could result in a lost investment opportunity or additional borrowing costs.

During the current reporting period, none of the Funds covered by this shareholder report have entered into any inter-fund loan activity.

9. New Accounting Pronouncements

FASB Accounting Standards Update ("ASU") 2017-08 ("ASU 2017-08") Premium Amortization on Purchased Callable Debt Securities

The FASB has issued ASU 2017-08, which shortens the premium amortization period for purchased non-contingently callable debt securities. ASU 2017-08 specifies that the premium amortization period ends at the earliest call date, for purchased non-contingently callable debt securities. ASU 2017-08 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2018. Management is currently evaluating the implications of ASU 2017-08, if any.

FASB ASU 2016-18: Statement of Cash Flows – Restricted Cash ("ASU 2016-18")

The FASB has issued ASU 2016-18, which will require entities to include the total of cash, cash equivalents, restricted cash and restricted cash equivalents in the beginning and ending cash balances in the Statement of Cash Flows. The guidance will be applied retrospectively and is effective for fiscal years beginning after December 15, 2017, and interim periods within those years. Management is currently evaluating the implications of ASU 2016-18, if any.

10. Subsequent Events

VRDP Shares

On June 21, 2018, NVG's Series 4 VRDP Shares transitioned out of the special rate period.

VMTP and MFP Shares

On June 28, 2018, NZF redeemed all of its outstanding Series 2019 VMTP Shares at their \$100,000 liquidation value per share, plus dividend amounts owed, with the \$336,000,000 of proceeds from newly issued Series C MFP Shares.

Additional Fund Information

Board of Trustees

Margo Cook*	Jack B. Evans	William C. Hunter	Albin F. MoschnerJohn K. Nelson	William J. Schneider
Judith M. Stockdale	Carole E. Stone	Terence J. Toth	Margaret L. Wolff Robert L. Young	

^{*} Interested Board Member.

Fund Manager	Custodian	Legal Counsel	Independent Registered	Transfer Agent and
Nuveen Fund Advisors, LLC	State Street Bank	Chapman and Cutler LLP	Public Accounting Firm	Shareholder Services
333 West Wacker Drive	and Trust Company	Chicago, IL 60603	KPMG LLP	ComputerShare Trust
Chicago, IL 60606	One Lincoln Street		200 East	Company, N.A.
	Boston, MA 02111		Randolph Street	250 Royall Street
			Chicago, IL 60601	Canton, MA 02021
				(800) 257-8787

Quarterly Form N-Q Portfolio of Investments Information

Each Fund is required to file its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year on Form N-Q. You may obtain this information directly from the SEC. Visit the SEC on-line at http://www.sec.gov or in person at the SEC's Public Reference Room in Washington, D.C. Call the SEC toll-free at (800) SEC-0330 for room hours and operation.

Nuveen Funds' Proxy Voting Information

You may obtain (i) information regarding how each fund voted proxies relating to portfolio securities held during the most recent twelve-month period ended June 30, without charge, upon request, by calling Nuveen toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com and (ii) a description of the policies and procedures that each fund used to determine how to vote proxies relating to portfolio securities without charge, upon request, by calling Nuveen toll free at (800) 257-8787. You may also obtain this information directly from the SEC. Visit the SEC on-line at http://www.sec.gov.

CEO Certification Disclosure

Each Fund's Chief Executive Officer (CEO) has submitted to the New York Stock Exchange (NYSE) the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual. Each Fund has filed with the

SEC the certification of its CEO and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

Common Share Repurchases

Each Fund intends to repurchase, through its open-market share repurchase program, shares of its own common stock at such times and in such amounts as is deemed advisable. During the period covered by this report, each Fund repurchased shares of its common stock as shown in the accompanying table. Any future repurchases will be reported to shareholders in the next annual or semi-annual report.

NVGNZFNMZ

Common shares repurchased — — — FINRA BrokerCheck

The Financial Industry Regulatory Authority (FINRA) provides information regarding the disciplinary history of FINRA member firms and associated investment professionals. This information as well as an investor brochure describing FINRA BrokerCheck is available to the public by calling the FINRA BrokerCheck Hotline number at (800) 289-9999 or by visiting www.FINRA.org.

Glossary of Terms Used in this Report

Auction Rate Bond: An auction rate bond is a security whose interest payments are adjusted periodically through an auction process, which process typically also serves as a means for buying and selling the bond. Auctions that fail to attract enough buyers for all the shares offered for sale are deemed to have "failed," with current holders receiving a formula-based interest rate until the next scheduled auction.

Average Annual Total Return: This is a commonly used method to express an investment's performance over a particular, usually multi-year time period. It expresses the return that would have been necessary each year to equal the investment's actual cumulative performance (including change in NAV or market price and reinvested dividends and capital gains distributions, if any) over the time period being considered.

Duration: Duration is a measure of the expected period over which a bond's principal and interest will be paid, and consequently is a measure of the sensitivity of a bond's or bond fund's value to changes when market interest rates change. Generally, the longer a bond's or fund's duration, the more the price of the bond or fund will change as interest rates change.

Effective Leverage: Effective leverage is a fund's effective economic leverage, and includes both regulatory leverage (see leverage) and the leverage effects of certain derivative investments in the fund's portfolio. Currently, the leverage effects of Tender Option Bond (TOB) inverse floater holdings are included in effective leverage values, in addition to any regulatory leverage.

Forward Interest Rate Swap: A contractual agreement between two counterparties under which one party agrees to make periodic payments to the other for an agreed period of time based on a fixed rate, while the other party agrees to make periodic payments based on a floating rate of interest based on an underlying index. Alternatively, both series of cash flows to be exchanged could be calculated using floating rates of interest but floating rates that are based upon different underlying indexes.

Industrial Development Revenue Bond (IDR): A unique type of revenue bond issued by a state or local government agency on behalf of a private sector company and intended to build or acquire factories or other heavy equipment and tools.

Inverse Floating Rate Securities: Inverse floating rate securities, also known as inverse floaters or tender option bonds (TOBs), are created by depositing a municipal bond, typically with a fixed interest rate, into a special purpose trust. This trust, in turn, (a) issues floating rate certificates typically paying short-term tax-exempt interest rates to third parties in amounts equal to some fraction of the deposited bond's par amount or market value, and (b) issues an inverse floating rate certificate (sometimes referred to as an "inverse floater") to an investor (such as a fund) interested in gaining investment exposure to a long-term municipal bond. The income received by the holder of the inverse floater varies inversely with the short-term rate paid to the floating rate certificates' holders, and in most circumstances the holder of the inverse floater bears substantially all of the underlying bond's downside investment risk. The holder of the inverse floater typically also benefits disproportionately from any potential appreciation of the underlying bond's value. Hence, an inverse floater essentially represents an investment in the underlying bond on a leveraged basis.

Leverage: Leverage is created whenever a fund has investment exposure (both reward and/or risk) equivalent to more than 100% of the investment capital.

NVG and NZF Custom Blended Fund Performance Benchmark: The Fund Performance Benchmark is an unleveraged index consisting of the returns of the S&P Municipal Bond Index prior to 4/11/16 and thereafter the returns of an 60%/40% blend of the S&P Municipal Bond Investment Grade Index and the S&P Municipal Bond High Yield Index, respectively. The S&P Municipal Bond Index is an unmanaged, market value-weighted index designed to measure the performance of tax-exempt municipal bonds. The

S&P Municipal Bond Investment Grade Index is an unmanaged, market value-weighted index designed to measure the performance of tax-exempt municipal bonds rated investment grade by Standard & Poor's, Moody's and/or Fitch. The S&P Municipal Bond High Yield Index is an unmanaged, market value-weighted index designed to measure the performance of the tax-exempt, high yield municipal bonds. Index returns assume compounding and do not include the effects of any fees or expenses.

Net Asset Value (NAV) Per Share: A fund's Net Assets is equal to its total assets (securities, cash, accrued earnings and receivables) less its total liabilities. NAV per share is equal to the fund's Net Assets divided by its number of shares outstanding.

Pre-Refunding: Pre-Refunding, also known as advanced refundings or refinancings, is a procedure used by state and local governments to refinance municipal bonds to lower interest expenses. The issuer sells new bonds with a lower yield and uses the proceeds to buy U.S. Treasury securities, the interest from which is used to make payments on the higher-yielding bonds. Because of this collateral, pre-refunding generally raises a bond's credit rating and thus its value.

Regulatory Leverage: Regulatory leverage consists of preferred shares issued by or borrowings of a fund. Both of these are part of a fund's capital structure. Regulatory leverage is subject to asset coverage limits set in the Investment Company Act of 1940.

S&P Municipal Bond High Yield Index: An unleveraged, market value-weighted index designed to measure the performance of the tax-exempt, investment grade U.S. high yield municipal bond market. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or management fees.

S&P Municipal Bond Index: An unleveraged, market value-weighted index designed to measure the performance of the tax-exempt, investment-grade U.S. municipal bond market. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or management fees.

The S&P Municipal Yield Index: An unleveraged, market value-weighted index containing all bonds in the S&P Municipal Bond Index that are non-rated bonds or whose ratings are BB+ by S&P and BA-1 by Moody's Investors Service, Inc. or lower. This index does not contain bonds that are pre-refunded or escrowed to maturity. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or fees.

Total Investment Exposure: Total investment exposure is a fund's assets managed by the Adviser that are attributable to financial leverage. For these purposes, financial leverage includes a fund's use of preferred stock and borrowings and investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities.

Zero Coupon Bond: A zero coupon bond does not pay a regular interest coupon to its holders during the life of the bond. Income to the holder of the bond comes from accretion of the difference between the original purchase price of the bond at issuance and the par value of the bond at maturity and is effectively paid at maturity. The market prices of zero coupon bonds generally are more volatile than the market prices of bonds that pay interest periodically. 151

Reinvest Automatically, Easily and Conveniently

Nuveen makes reinvesting easy. A phone call is all it takes to set up your reinvestment account. Nuveen Closed-End Funds Automatic Reinvestment Plan

Nuveen Closed-End Fund allows you to conveniently reinvest distributions in additional Fund shares. By choosing to reinvest, you'll be able to invest money regularly and automatically, and watch your investment grow through the power of compounding. Just like distributions in cash, there may be times when income or capital gains taxes may be payable on distributions that are reinvested. It is important to note that an automatic reinvestment plan does not ensure a profit, nor does it protect you against loss in a declining market.

Easy and convenient

To make recordkeeping easy and convenient, each month you'll receive a statement showing your total distributions, the date of investment, the shares acquired and the price per share, and the total number of shares you own.

How shares are purchased

The shares you acquire by reinvesting will either be purchased on the open market or newly issued by the Fund. If the shares are trading at or above net asset value at the time of valuation, the Fund will issue new shares at the greater of the net asset value or 95% of the then-current market price. If the shares are trading at less than net as -set value, shares for your account will be purchased on the open market. If the Plan Agent begins purchasing Fund shares on the open market while shares are trading below net asset value, but the Fund's shares subsequently trade at or above their net asset value before the Plan Agent is able to complete its purchases, the Plan Agent may cease open-market purchases and may invest the uninvested portion of the distribution in newly-issued Fund shares at a price equal to the greater of the shares' net asset value or 95% of the shares' market value on the last business day imme -diately prior to the purchase date. Distributions received to purchase shares in the open market will normally be invested shortly after the distribution payment date. No interest will be paid on distributions awaiting reinvestment. Because the market price of the shares may increase before purchases are completed, the average purchase price per share may exceed the market price at the time of valuation, resulting in the acquisition of fewer shares than if the distribution had been paid in shares issued by the Fund. A pro rata portion of any applicable brokerage commissions on open market purchases will be paid by Plan participants. These commissions usually will be lower than those charged on individual transactions.

Flexible

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. You can reinvest whether your shares are registered in your name, or in the name of a brokerage firm, bank, or other nominee. Ask your investment advisor if his or her firm will participate on your behalf. Participants whose shares are registered in the name of one firm may not be able to transfer the shares to another firm and continue to participate in the Plan. The Fund reserves the right to amend or terminate the Plan at any time. Although the Fund reserves the right to amend the Plan to include a service charge payable by the participants, there is no direct service charge to participants in the Plan at this time.

Call today to start reinvesting distributions

For more information on the Nuveen Automatic Reinvestment Plan or to enroll in or withdraw from the Plan, speak with your financial advisor or call us at (800) 257-8787.

Notes

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Nuveen:

Serving Investors for Generations

Since 1898, financial advisors and their clients have relied on Nuveen to provide dependable investment solutions through continued adherence to proven, long-term investing principles. Today, we offer a range of high quality solutions designed to be integral components of a well-diversified core portfolio.

Focused on meeting investor needs.

Nuveen is the investment manager of TIAA. We have grown into one of the world's premier global asset managers, with specialist knowledge across all major asset classes and particular strength in solutions that provide income for investors and that draw on our expertise in alternatives and responsible investing. Nuveen is driven not only by the independent investment processes across the firm, but also the insights, risk management, analytics and other tools and resources that a truly world-class platform provides. As a global asset manager, our mission is to work in partnership with our clients to create solutions which help them secure their financial future.

Find out how we can help you.

To learn more about how the products and services of Nuveen may be able to help you meet your financial goals, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest. Investors should consider the investment objective and policies, risk considerations, charges and expenses of any investment carefully. Where applicable, be sure to obtain a prospectus, which contains this and other relevant information. To obtain a prospectus, please contact your securities representative or Nuveen, 333 W. Wacker Dr., Chicago, IL 60606. Please read the prospectus carefully before you invest or send money.

Learn more about Nuveen Funds at: www.nuveen.com/closed-end-funds

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ESA-C-0418D 527616-INV-B-06/19 ITEM 2. CODE OF ETHICS.

Not applicable to this filing.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Not applicable to this filing.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Not applicable to this filing.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

Not applicable to this filing.

ITEM 6. SCHEDULE OF INVESTMENTS.

- (a) See Portfolio of Investments in Item 1.
- (b) Not applicable.

ITEM 7. DISCLOSURE OF PROXY VOTING POLICIES AND PROCEDURES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 8. PORTFOLIO MANAGERS OF CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 9. PURCHASES OF EQUITY SECURITIES BY CLOSED-END MANAGEMENT INVESTMENT COMPANY AND AFFILIATED PURCHASERS.

Not applicable.

ITEM 10. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS.

There have been no material changes to the procedures by which shareholders may recommend nominees to the registrant's Board implemented after the registrant last provided disclosure in response to this Item.

ITEM 11. 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 Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")(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 second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 12. DISCLOSURE OF SECURITIES LENDING ACTIVITIES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable.

ITEM 13. EXHIBITS.

File the exhibits listed below as part of this Form.

- (a)(1) Any code of ethics, or amendment thereto, that is the subject of the disclosure required by Item 2, to the extent that the registrant intends to satisfy the Item 2 requirements through filing of an exhibit: Not applicable to this filing.
- (a)(2) 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)) in the exact form set forth below: See Ex-99.CERT attached hereto.
- (a)(3) Any written solicitation to purchase securities under Rule 23c-1 under the 1940 Act (17 CFR 270.23c-1) sent or given during the period covered by the report by or on behalf of the registrant to 10 or more persons: Not applicable.
- (b) If the report is filed under Section 13(a) or 15(d) of the Exchange Act, provide the certifications required by Rule 30a-2(b) under the 1940 Act (17 CFR 270.30a-2(b)); Rule 13a-14(b) or Rule 15d-14(b) under the Exchange Act (17 CFR 240.13a-14(b) or 240.15d-14(b)), and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350) as an exhibit. A certification furnished pursuant to this paragraph will not be deemed "filed" for purposes of Section 18 of the Exchange Act (15 U.S.C. 78r), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference: See Ex-99.906 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 Municipal Credit Income Fund

By (Signature and Title) /s/ Gifford R. Zimmerman Gifford R. Zimmerman Vice President and Secretary

Date: July 9, 2018

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/ Cedric H. Antosiewicz Cedric H. Antosiewicz Chief Administrative Officer (principal executive officer)

Date: July 9, 2018

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

Date: July 9, 2018