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text-transform:none;vertical-align:top;width:53.15%;">Rockville Mayor and Council, Maryland, Economic Development Revenue Bonds, Series 2017B: 1,335 4.250%, 11/01/37 11/24 at 103.00BB1,360,512,250 4.500%, 11/01/43 11/24 at 103.00BB1,287,113,950 5.000%, 11/01/47 11/24 at 103.00BB2,107,209,41,150 Total Maryland 44,530,557 Massachusetts – 3.6% (2.3% of Total Investments) 9,500 Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Commonwealth Contract Assistance Secured, Refunding Series 2010B, 5.000%, 1/01/35 1/20 at 100.00AA9,893,870,3,125 Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Refunding Senior Lien Series 2010B, 5.000%, 1/01/37 1/20 at 100.00A33,249,219,25,000 Massachusetts Development Finance Agency Revenue Bonds, CareGroup Issue, Series 2018J-2, 5.000%, 7/01/53 7/28 at 100.00Baa127,393,250 Massachusetts Development Finance Agency Revenue Bonds, Lawrence General Hospital Issue, Series 2014A: 2,245 5.250%, 7/01/34 7/24 at 100.00BB+2,428,237,6,195 5.500%, 7/01/44 7/24 at 100.00BB+6,720,584 Massachusetts Development Finance Agency Revenue Refunding Bonds, NewBridge on the Charles, Inc. Issue, Series 2017: 2,310 5.000%, 10/01/47 10/22 at 105.00BB+2,469,182,6,580 5.000%, 10/01/57 10/22 at 105.00BB+6,986,907,14,555 Massachusetts Development Finance Agency, Resource Recovery Revenue Refunding Bonds, Covanta Energy Project, Series 2012B, 4.875%, 11/01/42 9/18 at 100.00BB-14,559,803 Massachusetts Development Finance Agency, Revenue Bonds, Emerson College, Series 2015: 4,020 4.500%, 1/01/45 1/25 at 100.00Baa24,132,602,950 5.000%, 1/01/45 1/25 at 100.00Baa23,167,091,6,000 Massachusetts Development Finance Authority, Revenue Bonds, WGBH Educational Foundation, Series 2002A, 5.750%, 1/01/42 – AMBAC Insured No Opt. CallAA-7,966,080,5,330 Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Harvard University, Tender Option Bond Trust 2016-XL0017, 11.795%, 12/15/34 (Pre-refunded 12/15/19), 144A (IF) (5) 12/19 at 100.00AAA6,076,786,1,000 Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Eye and Ear Infirmary, Series 2010C, 5.375%, 7/01/35 (Pre-refunded 7/01/20) 7/20 at 100.00N/R (4)1,068,510,7,405 Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Institute of Technology, Series 2002K, 5.500%, 7/01/32 (UB) (5) No Opt. CallAAA9,695,737

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Massachusetts (continued)			
	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Suffolk University, Refunding Series 2009A:			
\$ 770	5.750%, 7/01/39	7/19 at 100.00	Baa2	\$789,135
1,530	5.750%, 7/01/39 (Pre-refunded 7/01/19)	7/19 at 100.00	N/R (4)	1,589,211
2,800	Massachusetts Housing Finance Agency, Housing Bonds, Series 2014D, 3.875%, 12/01/39	6/24 at 100.00	AA-	2,821,000
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	5,042,858
425	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Subordinate Series 1999A, 5.750%, 8/01/29	10/18 at 100.00	AAA	426,547
1,245	Springfield Water and Sewer Commission, Massachusetts, General Revenue Bonds, Refunding Series 2010B, 5.000%, 11/15/30 (Pre-refunded 11/15/20) – AGC Insured	11/20 at 100.00	A3 (4)	1,338,163
107,545	Total Massachusetts			117,814,770
	Michigan – 2.9% (1.8% of Total Investments)			
	Detroit City School District, Wayne County, Michigan, Unlimited Tax School Building and Site Improvement Bonds, Series 2001A, 6.000%, 5/01/29 – AGM Insured (UB)	No Opt. Call	AA	6,506,528
2,985	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	A-	3,246,158
	Kalamazoo Hospital Finance Authority, Michigan, Hospital Revenue Refunding Bonds, Bronson Methodist Hospital, Remarketed Series 2006:			
895	5.250%, 5/15/36 – AGM Insured	5/20 at 100.00	A2	938,014
1,105	5.250%, 5/15/36 (Pre-refunded 5/15/20) – AGM Insured	5/20 at 100.00	A2 (4)	1,172,891
	Michigan Finance Authority, Hospital Revenue Bonds, Sparrow Obligated Group, Refunding Series 2015:			
4,495	4.000%, 11/15/35	5/25 at 100.00	A+	4,607,645
2,550	4.000%, 11/15/36	5/25 at 100.00	A+	2,607,732
	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011MI:			
10	5.000%, 12/01/39 (Pre-refunded 12/01/21)	12/21 at 100.00	N/R (4)	10,999
3,240	5.000%, 12/01/39	12/21 at 100.00	AA-	3,529,721
10,000	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Series 2016MI, 5.000%, 12/01/45 (UB) (5)	6/26 at 100.00	AA- (4)	11,178,900
4,000	Michigan Public Power Agency, AFEC Project Revenue Bonds, Series 2012A, 5.000%, 1/01/43	1/22 at 100.00	BBB	4,200,560
	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2011-II-A:			
2,750	5.375%, 10/15/36	10/21 at 100.00	AA-	3,030,170
8,260	5.375%, 10/15/41	10/21 at 100.00	AA-	9,082,613
	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009:			
5,500	5.625%, 11/15/29 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R (4)	5,779,840

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10,585	5.750%, 11/15/39 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R (4)	11,140,289
13,855	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 12/01/48	6/22 at 100.00	AA-	14,855,331

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Michigan (continued)			
\$ 3,050	Michigan Tobacco Settlement Finance Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2008A, 6.875%, 6/01/42	9/18 at 100.00	B2	\$3,056,984
1,150	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded 9/01/18)	9/18 at 100.00	Aaa	1,156,429
3,550	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2015D: 5.000%, 12/01/40	12/25 at 100.00	A	3,969,361
3,600	5.000%, 12/01/45	12/25 at 100.00	A	4,012,812
87,070	Total Michigan			94,082,977
	Minnesota – 0.7% (0.5% of Total Investments)			
	Baytown Township, Minnesota Charter School Lease Revenue Bonds, Saint Croix Preparatory Academy, Refunding Series 2016A:			
155	4.000%, 8/01/36	8/26 at 100.00	BB+	149,214
440	4.000%, 8/01/41	8/26 at 100.00	BB+	413,486
2,000	Brooklyn Park, Minnesota, Charter School Lease Revenue Bonds, Prairie Seeds Academy Project, Refunding Series 2015A, 5.000%, 3/01/34	3/25 at 100.00	BB+	2,054,040
1,720	Deephaven, Minnesota, Charter School Lease Revenue Bonds, Eagle Ridge Academy Project, Series 2015A, 5.500%, 7/01/50	7/25 at 100.00	BB+	1,824,301
1,410	Minneapolis, Minnesota, Charter School Lease Revenue Bonds, Hiawatha Academies Project, Series 2016A, 5.000%, 7/01/47	7/24 at 102.00	N/R	1,403,528
840	Minneapolis, Minnesota, Health Care System Revenue Bonds, Fairview Health Services, Series 2008B:			
	6.500%, 11/15/38 (Pre-refunded 11/15/18) – AGC Insured	11/18 at 100.00	A2 (4)	852,533
4,625	6.500%, 11/15/38 – AGC Insured	11/18 at 100.00	A2	4,693,172
1,000	Minneapolis-Saint Paul Housing and Redevelopment Authority, Minnesota, Health Care Revenue Bonds, Children's Health Care, Series 2004A-1 Remarketed, 4.625%, 8/15/29 – AGM Insured	8/20 at 100.00	A2	1,045,570
	Saint Cloud, Minnesota, Charter School Lease Revenue Bonds, Stride Academy Project, Series 2016A:			
405	5.000%, 4/01/36	4/26 at 100.00	CCC-	244,612
605	5.000%, 4/01/46	4/26 at 100.00	CCC-	364,585
2,500	Saint Paul Housing and Redevelopment Authority, Minnesota, Health Care Facility Revenue Bonds, HealthPartners Obligated Group, Refunding Series 2015A, 4.000%, 7/01/35	7/25 at 100.00	A2	2,569,925
235	Saint Paul Housing and Redevelopment Authority, Minnesota, Multifamily Housing Revenue Bonds, 2700 University at Westgate Station, Series 2015B, 4.250%, 4/01/25	4/23 at 100.00	N/R	237,606
	St. Paul Housing and Redevelopment Authority, Minnesota, Hospital Revenue Bonds, HealthEast Inc., Series 2015A:			

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900	5.250%, 11/15/35 (Pre-refunded 11/15/20)	11/20 at 100.00 A+ (4)	968,157
2,785	5.000%, 11/15/40 (Pre-refunded 11/15/25)	11/25 at 100.00 A+ (4)	3,278,502
3,190	5.000%, 11/15/44 (Pre-refunded 11/15/25)	11/25 at 100.00 A+ (4)	3,755,268
22,810	Total Minnesota		23,854,499
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Mississippi – 0.2% (0.1% of Total Investments)			
\$ 5,445	Mississippi Development Bank, Special Obligation Bonds, Gulfport Water and Sewer System Project, Series 2005, 5.250%, 7/01/24 – AGM Insured	No Opt. Call	A2	\$ 6,094,970
	Missouri – 1.7% (1.1% of Total Investments)			
2,820	Chesterfield Valley Transportation Development District, Missouri, Transportation Sales Tax Revenue Bonds, Series 2015, 3.625%, 5/15/31	5/23 at 100.00	A-	2,804,180
	Kansas City Industrial Development Authority, Missouri, Sales Tax Revenue Bonds, Ward Parkway Center Community Improvement District, Senior Refunding & Improvement Series 2016:			
400	5.000%, 4/01/36	4/26 at 100.00	N/R	413,344
1,520	5.000%, 4/01/46, 144A	4/26 at 100.00	N/R	1,547,010
15,000	Kansas City Municipal Assistance Corporation, Missouri, Leasehold Revenue Bonds, Series 2004B-1, 0.000%, 4/15/28 – AMBAC Insured	No Opt. Call	A1	10,866,600
3,345	Kirkwood Industrial Development Authority, Missouri, Retirement Community Revenue Bonds, Aberdeen Heights Project, Refunding Series 2017A, 5.250%, 5/15/50	5/27 at 100.00	BB	3,547,607
	Liberty, Missouri, Special Obligation Tax Increment and Special Districts Bonds, Liberty Commons Project, Series 2015A:			
1,575	5.750%, 6/01/35	6/25 at 100.00	N/R	1,546,571
1,055	6.000%, 6/01/46	6/25 at 100.00	N/R	1,046,433
2,460	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.500%, 5/01/43	5/23 at 100.00	BBB	2,637,735
	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2015B:			
1,410	5.000%, 5/01/40	11/23 at 100.00	BBB	1,491,794
2,000	5.000%, 5/01/45	11/23 at 100.00	BBB	2,110,160
7,040	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, CoxHealth, Series 2013A, 5.000%, 11/15/48	11/23 at 100.00	A2	7,510,202
2,250	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Heartland Regional Medical Center, Series 2012, 5.000%, 2/15/43	2/22 at 100.00	A1	2,407,680
1,010	Plaza at Noah's Ark Community Improvement District, Saint Charles, Missouri, Tax Increment and Improvement District Revenue Bonds, Series 2015, 5.000%, 5/01/30	5/21 at 100.00	N/R	991,456
4,125	Saint Louis, Missouri, Airport Revenue Bonds, Lambert-St. Louis International Airport, Series 2005, 5.500%, 7/01/29 – NPMFG Insured	No Opt. Call	A-	5,100,315
15,350	Springfield Public Building Corporation, Missouri, Lease Revenue Bonds, Jordan Valley Park Projects, Series 2000A, 0.000%, 6/01/30 – AMBAC Insured	No Opt. Call	N/R	9,118,668

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405	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Friendship Village of Sunset Hills, Series 2013A, 9/23 at 100.00 BBB+ 457,443 5.875%, 9/01/43		
	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Saint Andrew's Resources for Seniors, Series 2015A:		
1,550	5.000%, 12/01/35	12/25 at 100.00 N/R	1,628,446
455	5.125%, 12/01/45	12/25 at 100.00 N/R	478,360
63,770	Total Missouri		55,704,004
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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Montana – 0.1% (0.1% of Total Investments)			
	Kalispell, Montana, Housing and Healthcare Facilities Revenue Bonds, Immanuel Lutheran Corporation, Series 2017A:			
\$ 1,175	5.250%, 5/15/37	5/25 at 102.00	N/R	\$1,237,416
375	5.250%, 5/15/47	5/25 at 102.00	N/R	392,426
	Montana Facility Finance Authority, Hospital Revenue Bonds, Benefis Health System Obligated Group, Series 2011A, 5.750%, 1/01/31 (Pre-refunded 1/01/21) – AGM Insured	1/21 at 100.00	A2 (4)	3,278,640
3,000				
4,550	Total Montana			4,908,482
	Nebraska – 1.2% (0.7% of Total Investments)			
	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue Bonds, Refunding Crossover Series 2017A, 5.000%, 9/01/42	No Opt. Call	BBB+	12,690,923
10,665				
4,435	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue Bonds, Series 2012, 5.000%, 9/01/32	9/22 at 100.00	BBB+	4,853,487
	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-	632,519
580				
	Douglas County Hospital Authority 3, Nebraska, Health Facilities Revenue Bonds, Nebraska Methodist Health System, Refunding Series 2015:			
2,090	4.125%, 11/01/36	11/25 at 100.00	A-	2,137,903
2,325	5.000%, 11/01/48	11/25 at 100.00	A-	2,526,252
	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-	4,245,988
4,010				
	Municipal Energy Agency of Nebraska, Power Supply System Revenue and Refunding Bonds, Series 2009A, 5.375%, 4/01/39 (Pre-refunded 4/01/19) – BHAC Insured	4/19 at 100.00	A (4)	5,131,450
5,000				
	Scotts Bluff County Hospital Authority 1, Nebraska, Hospital Revenue Bonds, Regional West Medical Center Project, Refunding & Improvement Series 2016A, 5.250%, 2/20/37	2/27 at 100.00	BBB+	6,310,500
6,000				
35,105	Total Nebraska			38,529,022
	Nevada – 1.7% (1.0% of Total Investments)			
	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2009C, 5.000%, 7/01/26 – AGM Insured	7/19 at 100.00	Aa3	5,515,796
5,350				
	Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran International Airport, Series 2010A:			
24,020	5.250%, 7/01/39 – AGM Insured	1/20 at 100.00	Aa3	25,192,176
14,515	5.250%, 7/01/42	1/20 at 100.00	A+	15,217,091
	Director of the State of Nevada Department of Business and Industry, Charter School Lease Revenue Bonds, Somerset Academy, Series 2018A, 5.000%, 12/15/38	12/25 at 100.00	BB	422,714
410				
	Las Vegas, Nevada, Sales Tax Increment Revenue Bonds, Symphony Park Tourism Improvement District, Series 2016,	6/21 at 100.00	N/R	929,290
1,000				

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4.375%, 6/15/35				
500	Nevada State Director of the Department of Business and Industry, Charter School Revenue Bonds, Doral Academy of Nevada, Series 2017A, 5.000%, 7/15/37	7/25 at 100.00	BB+	513,270
1,140	North Las Vegas, Nevada, General Obligation Bonds, Wastewater Reclamation System Series 2006, 5.000%, 10/01/25 – NPFG Insured	10/18 at 100.00	BB	1,141,414
4,000	Reno, Nevada, Subordinate Lien Sales Tax Revenue Refunding Bonds, ReTrac-Reno Transportation Rail Access Corridor Project, Series 2018A, 4.000%, 6/01/43	12/28 at 100.00	A3	4,054,000

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Nevada (continued)			
\$ 5,000	Reno, Nevada, Subordinate Lien Sales Tax Revenue Refunding Capital Appreciation Bonds, ReTrac-Reno Transportation Rail Access Corridor Project, Series 2018C, 0.000%, 7/01/58	No Opt. Call	N/R	\$558,250
1,100	Washoe County, Nevada, Highway Revenue, Motor Vehicle Fuel Tax Bonds, Series 2013, 5.000%, 2/01/38	2/19 at 100.00	A+	1,116,687
57,035	Total Nevada			54,660,688
	New Hampshire – 0.2% (0.1% of Total Investments)			
5,000	New Hampshire Business Finance Authority, Revenue Bonds, Elliot Hospital Obligated Group Issue, Series 2009A, 6.125%, 10/01/39 (Pre-refunded 10/01/19)	10/19 at 100.00	BBB (4)	5,266,300
500	New Hampshire Health and Education Facilities Authority, Revenue Bonds, Kendal at Hanover, Series 2016, 5.000%, 10/01/40	10/26 at 100.00	BBB+	536,305
5,500	Total New Hampshire			5,802,605
	New Jersey – 6.4% (4.0% of Total Investments)			
	New Jersey Economic Development Authority, School Facilities Construction Bonds, Refunding Series 2016BBB:			
34,310	5.500%, 6/15/29	12/26 at 100.00	BBB+	39,410,868
2,110	5.500%, 6/15/30	12/26 at 100.00	BBB+	2,415,422
	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005N-1:			
6,835	5.500%, 9/01/24 – AMBAC Insured	No Opt. Call	BBB+	7,794,429
5,000	5.500%, 9/01/28 – NPFJ Insured	No Opt. Call	BBB+	5,899,000
11,975	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2015WW, 5.250%, 6/15/40	6/25 at 100.00	BBB+	12,947,969
2,335	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Series 2012K-K, 5.000%, 3/01/23	9/22 at 100.00	BBB+	2,529,856
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+	638,622
1,500	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	10/18 at 100.00	BB+	1,503,735
2,325	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Barnabas Health, Refunding Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	A+	2,537,017
	New Jersey Transportation Trust Fund Authority, Federal Highway Reimbursement Revenue Notes, Series 2016A-1:			
5,945	5.000%, 6/15/27	6/26 at 100.00	Baa1	6,692,821
4,000	5.000%, 6/15/28	6/26 at 100.00	Baa1	4,482,480
2,015	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A, 0.000%, 12/15/26	No Opt. Call	BBB+	1,463,212
2,150	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	BBB+	2,301,037

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20,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006C, 0.000%, 12/15/33 – ACN Insured	No Opt. Call	A-	10,750,600
10,295	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.000%, 6/15/42	6/21 at 100.00	BBB+	10,627,426

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New Jersey (continued)			
\$ 20,040	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2014AA, 5.000%, 6/15/44	6/24 at 100.00	BBB+	\$21,174,865
13,680	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA: 4.750%, 6/15/38	6/25 at 100.00	BBB+	14,357,434
5,245	5.250%, 6/15/41	6/25 at 100.00	BBB+	5,667,852
8,230	5.000%, 6/15/45	6/25 at 100.00	BBB+	8,740,013
33,200	New Jersey Turnpike Authority, Revenue Bonds, Refunding Series 2005D-1, 5.250%, 1/01/26 – AGM Insured	No Opt. Call	A2	39,329,384
80	New Jersey Turnpike Authority, Revenue Bonds, Tender Option Bond Trust 2016-XF1057: 14.129%, 1/01/43 (Pre-refunded 7/01/22) (IF), 144A (5)	7/22 at 100.00	A+ (4)	113,909
120	14.129%, 1/01/43 (Pre-refunded 7/01/22) (IF), 144A (5)	7/22 at 100.00	AA- (4)	170,863
1,135	Rutgers State University, New Jersey, Revenue Bonds, Refunding Series 2013L, 5.000%, 5/01/43	5/23 at 100.00	A+	1,259,078
3,410	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2018B, 5.000%, 6/01/46	6/28 at 100.00	BBB	3,661,794
1,330	Washington Township Board of Education, Mercer County, New Jersey, General Obligation Bonds, Series 2005, 5.250%, 1/01/26 – AGM Insured	No Opt. Call	A2	1,550,634
197,865	Total New Jersey			208,020,320
	New York – 5.0% (3.2% of Total Investments)			
7,060	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	7,630,307
2,250	Dormitory Authority of the State of New York, Insured Revenue Bonds, Mount Sinai School of Medicine, Series 1994A, 5.150%, 7/01/24 – NPMF Insured	No Opt. Call	Baa2	2,556,270
9,700	Dormitory Authority of the State of New York, Revenue Bonds, Columbia University, Series 2017A, 5.000%, 10/01/47 (UB) (5)	No Opt. Call	AAA	12,816,610
4,070	Dormitory Authority of the State of New York, Revenue Bonds, Icahn School of Medicine at Mount Sinai, Refunding Series 2015A, 5.000%, 7/01/45	7/25 at 100.00	A-	4,478,628
7,225	Dormitory Authority of the State of New York, Revenue Bonds, Non State Supported Debt, Cornell University, Series 2010A, 5.000%, 7/01/35	7/20 at 100.00	AA	7,643,905
2,700	Dormitory Authority of the State of New York, Revenue Bonds, Orange Regional Medical Center Obligated Group, Series 2015: 5.000%, 12/01/40	6/25 at 100.00	BBB-	2,928,663
5,600	5.000%, 12/01/45	6/25 at 100.00	BBB-	6,056,624
5		2/19 at 100.00	Aa1 (4)	5,099

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Dormitory Authority of the State of New York, State Personal
Income Tax Revenue Bonds, General Purpose, Series 2009A,
5.000%, 2/15/39 (Pre-refunded 2/15/19)

Dormitory Authority of the State of New York, State Personal
Income Tax Revenue Bonds, Tender Option Bond Trust
2016-XF0525:

80	11.859%, 2/15/39 (IF), 144A	2/19 at 100.00	Aa1	84,724
1,255	11.859%, 2/15/39 (Pre-refunded 2/15/19) (IF), 144A	2/19 at 100.00	AAA	1,329,108
117	11.869%, 2/15/39 (IF), 144A	2/19 at 100.00	Aa1	123,918
1,880	11.869%, 2/15/39 (Pre-refunded 2/15/19) (IF), 144A	2/19 at 100.00	AAA	1,991,694
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New York (continued)			
\$ 2,695	Hempstead Town Local Development Corporation, New York, Education Revenue Bonds, The Academy Charter School Project, Series 2017A, 6.240%, 2/01/47	2/27 at 100.00	N/R	\$2,534,998
2,965	Hempstead Town Local Development Corporation, New York, Education Revenue Bonds, The Academy Charter School Project, Series 2018A, 6.760%, 2/01/48	2/28 at 100.00	N/R	2,973,213
105	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A: 5.250%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	114,268
2,295	5.250%, 2/15/47	2/21 at 100.00	AA-	2,464,945
325	5.750%, 2/15/47	2/21 at 100.00	AA-	353,808
525	5.750%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	577,831
6,075	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)	6,608,993
10,000	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2012A, 5.000%, 9/01/42	9/22 at 100.00	A-	10,935,400
4,315	Monroe County Industrial Development Corporation, New York, FHA Insured Mortgage Revenue Bonds, Unity Hospital of Rochester Project, Series 2010, 5.500%, 8/15/40	2/21 at 100.00	AA	4,685,486
1,000	Nassau County Local Economic Assistance Corporation, New York, Revenue Bonds, Catholic Health Services of Long Island Obligated Group Project, Series 2014, 5.000%, 7/01/31	7/24 at 100.00	Baa1	1,096,820
1,690	Nassau County Tobacco Settlement Corporation, New York, Tobacco Settlement Asset-Backed Bonds, Series 2006A-3, 5.000%, 6/01/35	10/18 at 100.00	B-	1,685,319
4,050	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 7.000%, 3/01/49 – AGC Insured	3/19 at 100.00	A3	4,175,064
11,570	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2015 Series BB-1, 5.000%, 6/15/46 (UB)	6/25 at 100.00	AA+	12,912,814
75	New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.750%, 8/01/18	No Opt. Call	AA	75,000
5	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/26 – FGIC Insured	10/18 at 100.00	AA	5,015
28,615	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	30,238,901
15	New York State Housing Finance Agency, Mortgage Revenue Refunding Bonds, Housing Project, Series 1996A, 6.125%, 11/01/20 – AGM Insured	11/18 at 100.00	A2	15,044
6,500	New York State Mortgage Agency, Homeowner Mortgage Revenue Bonds, Series 211, 3.750%, 10/01/43	4/27 at 100.00	Aa1	6,457,815
5,655	Onondaga Civic Development Corporation, New York, Revenue Bonds, Saint Joseph's Hospital Health Center Project, Series	7/22 at 100.00	N/R (4)	6,315,391

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2012, 5.000%, 7/01/42 (Pre-refunded 7/01/22)
Port Authority of New York and New Jersey, Special Project
Bonds, JFK International Air Terminal LLC Project, Eighth Series
2010:

8,550	5.500%, 12/01/31	12/20 at 100.00	BBB	9,221,773
3,155	6.000%, 12/01/36	12/20 at 100.00	BBB	3,444,661
10,360	TSASC Inc., New York, Tobacco Asset-Backed Bonds, Series 2006, 5.000%, 6/01/48	6/27 at 100.00	N/R	10,611,955
152,482	Total New York			165,150,064
33				

NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	North Carolina – 0.7% (0.5% of Total Investments)			
\$ 1,255	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2009A, 5.000%, 6/01/39 (Pre-refunded 6/01/19)	6/19 at 100.00	Aa2 (4)	\$1,291,834
10,000	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	AA	10,903,600
4,715	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Vidant Health, Refunding Series 2012A, 5.000%, 6/01/36	6/22 at 100.00	A+	5,076,688
2,150	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, WakeMed, Refunding Series 2012A, 5.000%, 10/01/38	10/22 at 100.00	A2	2,357,668
2,150	North Carolina Medical Care Commission, Retirement Facilities First Mortgage Revenue Bonds, Aldersgate United Retirement Community Inc., Refunding Series 2017A, 5.000%, 7/01/47	7/27 at 100.00	N/R	2,296,501
1,690	North Carolina Turnpike Authority, Monroe Expressway Toll Revenue Bonds, Series 2017A, 5.000%, 7/01/54	7/26 at 100.00	BBB-	1,837,064
540	Oak Island, North Carolina, Enterprise System Revenue Bonds, Series 2009, 6.000%, 6/01/34 (Pre-refunded 6/01/19) – AGC Insured	6/19 at 100.00	A2 (4)	560,061
22,500	Total North Carolina			24,323,416
	North Dakota – 1.9% (1.2% of Total Investments)			
7,000	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012: 5.000%, 12/01/29	12/21 at 100.00	Baa1	7,424,340
3,000	5.000%, 12/01/32	12/21 at 100.00	Baa1	3,168,210
2,245	5.000%, 12/01/35	12/21 at 100.00	Baa1	2,361,448
4,525	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2017A, 5.000%, 12/01/42	12/27 at 100.00	Baa1	4,966,640
1,000	Grand Forks, North Dakota, Senior Housing & Nursing Facilities Revenue Bonds, Valley Homes and Services Obligated Group, Series 2017, 5.000%, 12/01/36	12/26 at 100.00	N/R	1,003,310
10,000	Ward County Health Care, North Dakota, Revenue Bonds, Trinity Obligated Group, Series 2017C: 5.000%, 6/01/38	6/28 at 100.00	BBB-	10,950,400
10,915	5.000%, 6/01/43	6/28 at 100.00	BBB-	11,905,646
17,000	5.000%, 6/01/48	6/28 at 100.00	BBB-	18,470,500
	Williston Parks and Recreation District, North Dakota, Sales Tax & Gross Revenue Bonds, Series 2012A:			
970	4.000%, 3/01/19	No Opt. Call	B	972,299
1,085	5.000%, 3/01/21	No Opt. Call	B	1,116,953
2,535		9/23 at 100.00	N/R	1,014,000

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	Williston, North Dakota, Multifamily Housing Revenue Bonds, Eagle Crest Apartments LLC Project, Series 2013, 7.750%, 9/01/38 (7)		
60,275	Total North Dakota		63,353,746
	Ohio – 10.0% (6.3% of Total Investments)		
4,185	Akron, Bath and Copley Joint Township Hospital District, Ohio, Hospital Revenue Bonds, Children's Hospital Medical Center, Improvement & Refunding Series 2012, 5.000%, 11/15/42	5/22 at 100.00 A1	4,476,067
34			

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Ohio (continued)			
	Allen County, Ohio, Hospital Facilities Revenue Bonds, Catholic Health Partners, Refunding and Improvement Series 2012A:			
\$ 2,540	4.000%, 5/01/33	5/22 at 100.00	A2	\$2,573,426
1,930	5.000%, 5/01/33	5/22 at 100.00	A2	2,096,443
3,405	5.000%, 5/01/42	5/22 at 100.00	A2	3,662,043
	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			
100,000	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:	10/18 at 100.00	N/R	4,544,000
43,300	5.125%, 6/01/24	9/18 at 100.00	Caa1	43,245,875
16,375	5.375%, 6/01/24	9/18 at 100.00	Caa1	16,375,327
20,820	5.875%, 6/01/30	9/18 at 100.00	Caa1	20,924,100
27,195	5.750%, 6/01/34	10/18 at 100.00	Caa1	27,263,259
2,715	6.000%, 6/01/42	9/18 at 100.00	B-	2,715,027
18,295	5.875%, 6/01/47	9/18 at 100.00	B-	18,452,520
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37			
10,000		6/22 at 100.00	Caa1	10,474,600
	Butler County Port Authority, Ohio, Revenue Bonds, StoryPoint Fairfield Project, Senior Series 2017A-1, 6.250%, 1/15/34			
1,000	Centerville, Ohio Health Care Improvement Revenue Bonds, Graceworks Lutheran Services, Refunding & Improvement Series 2017:	1/24 at 104.00	N/R	1,052,890
2,750	5.250%, 11/01/37	11/27 at 100.00	N/R	2,938,760
3,200	5.250%, 11/01/47	11/27 at 100.00	N/R	3,377,216
	Chillicothe, Ohio, Hospital Facilities Revenue Bonds, Adena Health System Obligated Group Project, Refunding & Improvement Series 2017, 4.000%, 12/01/42			
10,000		12/27 at 100.00	A-	10,022,800
	Cleveland Heights-University Heights City School District, Ohio, General Obligation Bonds, School Improvement Series 2014:			
3,345	5.000%, 12/01/51	6/23 at 100.00	Aa3	3,637,353
4,965	5.000%, 12/01/51 (Pre-refunded 6/01/23)	6/23 at 100.00	N/R (4)	5,630,310
	Franklin County, Ohio, Hospital Revenue Bonds, Nationwide Children's Hospital Project, Improvement Series 2012A, 5.000%, 11/01/42			
7,870		5/22 at 100.00	Aa2	8,461,194
	Franklin County, Ohio, Revenue Bonds, Trinity Health Credit Group, Series 2017A, 3.250%, 12/01/42			
7,770		12/27 at 100.00	AA-	7,049,099
	JobsOhio Beverage System, Ohio, Statewide Liquor Profits Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38 (UB)			
6,425		1/23 at 100.00	Aa3	7,055,550
	(5)			

NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Ohio (continued)			
	JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor Profits Revenue Bonds, Tender Option Bond Trust 2016-XG0052:			
\$ 390	15.086%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	Aa3	\$541,921
1,750	15.183%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	AA	2,436,560
625	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	Aa3	870,338
1,250	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	AA	1,740,675
1,725	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	Aa3	2,402,132
2,000	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	Aa3	2,785,080
	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)	3,265,907
	Middletown City School District, Butler County, Ohio, General Obligation Bonds, Refunding Series 2007:			
4,380	5.250%, 12/01/27 – AGM Insured	No Opt. Call	A2	5,145,493
6,000	5.250%, 12/01/31 – AGM Insured	No Opt. Call	A2	7,154,880
	Muskingum County, Ohio, Hospital Facilities Revenue Bonds, Genesis HealthCare System Obligated Group Project, Series 2013, 5.000%, 2/15/48	2/23 at 100.00	Ba2	12,498,120
	Ohio Air Quality Development Authority, Ohio, Air Quality Development Revenue Bonds, FirstEnergy Generation Corporation Project, Series 2009A, 5.700%, 8/01/20 (7)	No Opt. Call	N/R	4,717,500
	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Generation Corporation Project, Refunding Series 2009B, 3.100%, 3/01/23 (Mandatory Put 3/01/19) (7)	No Opt. Call	N/R	582,750
	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Corporation Project, Refunding Series 2010B, 3.750%, 6/01/33 (Mandatory Put 6/01/20) (7)	No Opt. Call	N/R	1,121,100
	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2006B, 3.125%, 1/01/34 (7)	10/18 at 100.00	N/R	555,000
	Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2009A, 4.375%, 6/01/33 (Mandatory Put 6/01/22) (7)	No Opt. Call	N/R	20,038,225
	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.000%, 2/15/48	2/23 at 100.00	A+	5,411,606
	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Projects, Junior Lien Convertible Series 2013A-3, 0.000%, 2/15/36 (6)	2/31 at 100.00	A+	1,206,793
		No Opt. Call	N/R	627,150

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	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2006B, 4.000%, 12/01/33 (Mandatory Put 6/03/19) (7)			
20,405	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) (7)	No Opt. Call	N/R	19,690,825
20,480	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) (7)	No Opt. Call	N/R	19,763,200
1,610	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2010C, 4.000%, 6/01/33 (Mandatory Put 6/03/19) (7)	No Opt. Call	N/R	893,550
36				

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Ohio (continued)			
	Southeastern Ohio Port Authority, Hospital Facilities Revenue Bonds, Memorial Health System Obligated Group Project, Refunding and Improvement Series 2012:			
\$ 1,095	5.750%, 12/01/32	12/22 at 100.00	BB-	\$1,179,906
870	6.000%, 12/01/42	12/22 at 100.00	BB-	937,425
1,615	Toledo Lucas County Port Authority, Ohio, Revenue Bonds, StoryPoint Waterville Project, Series 2016A-1, 6.125%, 1/15/34	1/24 at 104.00	N/R	1,686,884
1,330	Tuscarawas County Economic Development and Finance Alliance, Ohio, Higher Education Facilities Revenue Bonds, Ashland University, Refunding & Improvement Series 2015, 6.000%, 3/01/45	3/25 at 100.00	N/R	1,352,291
2,000	University of Akron, Ohio, General Receipts Bonds, Federally Taxable Build America Bonds, Series 2010B, 5.000%, 1/01/29	– 1/20 at 100.00	A1	2,087,200
421,175	AGM Insured Total Ohio			326,720,370
	Oklahoma – 0.7% (0.5% of Total Investments)			
1,350	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	8/21 at 100.00	N/R	1,566,189
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)	3,729,460
	Oklahoma City Water Utilities Trust, Oklahoma, Water and Sewer Revenue Bonds, Series 2011:			
1,500	5.000%, 7/01/40	7/21 at 100.00	AAA	1,623,195
1,000	5.375%, 7/01/40	7/21 at 100.00	AAA	1,096,840
	Oklahoma Development Finance Authority, Health System Revenue Bonds, OU Medicine Project, Series 2018B:			
2,900	5.250%, 8/15/43	8/28 at 100.00	BB+	3,279,146
5,290	5.500%, 8/15/52	8/28 at 100.00	BB+	6,048,745
3,530	5.500%, 8/15/57	8/28 at 100.00	BB+	4,020,494
2,340	Tulsa County Industrial Authority, Oklahoma, Senior Living Community Revenue Bonds, Montereau, Inc Project, Refunding Series 2017, 5.250%, 11/15/45	11/25 at 102.00	BBB-	2,578,586
21,410	Total Oklahoma			23,942,655
	Oregon – 0.3% (0.2% of Total Investments)			
	Multnomah County Hospital Facilities Authority, Oregon, Revenue Bonds, Mirabella South Waterfront, Refunding Series 2014A:			
1,000	5.400%, 10/01/44	10/24 at 100.00	N/R	1,067,870
800	5.500%, 10/01/49	10/24 at 100.00	N/R	856,360
	Oregon Department of Administrative Services, State Lottery Revenue Bonds, Series 2011A:			
555	5.250%, 4/01/31	4/21 at 100.00	Aa2	602,003
3,445	5.250%, 4/01/31 (Pre-refunded 4/01/21)	4/21 at 100.00	N/R (4)	3,754,568
3,000	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Senior Lien Series 2009A, 5.000%, 11/15/33	5/19 at 100.00	Aa1 (4)	3,083,850

8,800	(Pre-refunded 5/15/19)	
37	Total Oregon	9,364,651

NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Pennsylvania – 7.4% (4.6% of Total Investments)			
	Allegheny Country Industrial Development Authority, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009:			
\$ 170	6.750%, 11/01/24	11/19 at 100.00B		\$173,868
195	6.875%, 5/01/30	11/19 at 100.00B		198,333
2,000	Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, University of Pittsburgh Medical Center, Series 2009A, 5.625%, 8/15/39	8/19 at 100.00	A+	2,077,320
3,335	Allegheny County Sanitary Authority, Pennsylvania, Sewer Revenue Bonds, Refunding Series 2010, 5.000%, 6/01/40 – Insured	AGM12/20 at 100.00A1		3,538,869
2,540	Allentown Neighborhood Improvement Zone Development Authority, Pennsylvania, Tax Revenue Bonds, City Center Refunding Project, Series 2017, 5.000%, 5/01/42	5/27 at 100.00	Ba1	2,741,346
1,245	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2005A, 4.000%, 1/01/35 (Mandatory Put 7/01/21) (7)	No Opt. Call	N/R	690,975
7,750	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Generation Project, Series 2008B, 4.250%, 10/01/47 (Mandatory Put 4/01/21) (7)	No Opt. Call	N/R	7,478,750
13,235	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2006A:			
3,145	4.375%, 1/01/35 (Mandatory Put 7/01/22) (7)	No Opt. Call	N/R	12,771,775
	3.500%, 4/01/41 (Mandatory Put 6/01/20) (7)	No Opt. Call	N/R	1,745,475
1,240	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) (7)	No Opt. Call	N/R	688,200
10,000	Berks County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Tower Health Project, Series 2017, 5.000%, 11/01/50	11/27 at 100.00A3		11,017,900
2,410	Bucks County Industrial Development Authority, Pennsylvania, Revenue Bonds, School Lane Charter School Project, Series 2016:			
6,420	5.125%, 3/15/36	3/27 at 100.00	BBB-	2,591,353
	5.125%, 3/15/46	3/27 at 100.00	BBB-	6,835,888
1,580	Chester County Health and Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010A:			
4,435	5.000%, 5/15/40	5/20 at 100.00	AA	1,658,431
	5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	N/R (4)	4,700,169

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6,500	Commonwealth Financing Authority, Pennsylvania, State Appropriation Lease Bonds, Master Settlement, Series 2018, 4.000%, 6/01/39 – AGM Insured	6/28 at 100.00	A1	6,653,855
1,000	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015, 5.000%, 1/01/29	1/25 at 100.00	BBB+	1,102,380
7,665	Dauphin County General Authority, Pennsylvania, Health System Revenue Bonds, Pinnacle Health System Project, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	A+	8,250,069
8,750	Delaware River Port Authority, New Jersey and Pennsylvania, Revenue Bonds, Series 2010E, 5.000%, 1/01/40 – AGM Insured	1/20 at 100.00	A2	9,128,962
3,000	Dubois Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Penn Highlands Healthcare, Series 2018, 5.000%, 7/15/48	1/28 at 100.00	A-	3,316,230
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Pennsylvania (continued)			
\$ 1,250	Lancaster County Hospital Authority, Pennsylvania, Revenue Bonds, Landis Homes Retirement Community Project, Refunding Series 2015A, 5.000%, 7/01/45	7/25 at 100.00	BBB-	\$1,326,363
1,500	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	1,653,555
7,970	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010: 5.250%, 8/01/33 (Pre-refunded 8/01/20)	8/20 at 100.00	N/R (4)	8,534,674
5,295	5.375%, 8/01/38 (Pre-refunded 8/01/20)	8/20 at 100.00	N/R (4)	5,683,123
10,450	Montgomery County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Albert Einstein Healthcare Network Issue, Series 2015A: 5.250%, 1/15/45	1/25 at 100.00	BB+	11,149,523
1,200	5.250%, 1/15/46	1/25 at 100.00	BB+	1,279,620
11,810	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC Project, Series 2009A, 6.400%, 12/01/38	9/25 at 100.00	B2	12,058,128
13,500	Pennsylvania Turnpike Commission, Oil Franchise Tax Revenue Bonds, Senior Series 2018A, 5.250%, 12/01/44	12/28 at 100.00	Aa3	15,787,980
6,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Refunding Series 2018A-2, 5.000%, 12/01/43	12/28 at 100.00	A1	6,779,880
3,705	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A+	4,080,057
11,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2009C, 6.250%, 6/01/33 – AGM Insured	6/26 at 100.00	A2	13,469,280
15,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2015B-1, 5.000%, 12/01/45	12/25 at 100.00	A3	16,301,400
10,305	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Temple University Health System Obligated Group, Series 2012A, 5.625%, 7/01/42	7/22 at 100.00	Ba1	11,138,262
5,000	Philadelphia, Pennsylvania, Airport Revenue Bonds, Series 2010A: 5.000%, 6/15/35 – AGM Insured	6/20 at 100.00	A2	5,257,750
17,850	5.000%, 6/15/40 – AGM Insured	6/20 at 100.00	A2	18,736,609
7,055	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Hotel Room Excise Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/35 – AGC Insured	8/20 at 100.00	A2	7,423,342
5,180	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Sales Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/31 – AGM Insured	8/20 at 100.00	A1	5,468,163
1,125	Scranton, Pennsylvania, Sewer Authority Revenue Bonds, Series 2011A: 5.250%, 12/01/31 (Pre-refunded 12/01/21) – AGM Insured	12/21 at 100.00	AA (4)	1,248,356
1,000	5.500%, 12/01/35 (Pre-refunded 12/01/21) – AGM Insured	12/21 at 100.00	AA (4)	1,117,690

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5,790	Susquehanna Area Regional Airport Authority, Pennsylvania, Airport System Revenue Bonds, Series 2012B, 4.000%, 1/01/33	1/23 at 100.00	BB+	5,829,488
228,600	Total Pennsylvania Puerto Rico – 0.7% (0.5% of Total Investments)			241,683,391
590	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2004J, 5.000%, 7/01/29 – NPMG Insured	10/18 at 100.00	Baa2	590,602
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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Puerto Rico (continued)			
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A:			
\$ 50,000	0.000%, 8/01/47 – AMBAC Insured	No Opt. Call	D	\$10,547,000
86,250	0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	D	12,732,225
136,840	Total Puerto Rico			23,869,827
	Rhode Island – 1.2% (0.7% of Total Investments)			
1,000	Rhode Island Health and Educational Building Corporation, Revenue Bonds, Care New England Health System, Series 2013A, 6.000%, 9/01/33 (Pre-refunded 9/01/23)	9/23 at 100.00	BB- (4)	1,187,520
292,435	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52	10/18 at 100.00	CCC+	36,940,389
293,435	Total Rhode Island			38,127,909
	South Carolina – 2.7% (1.7% of Total Investments)			
7,600	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/31 – AMBAC Insured	No Opt. Call	A-	4,862,556
3,155	Saint Peters Parish/Jasper County Public Facilities Corporation, South Carolina, Installment Purchase Revenue Bonds, County Office Building Projects, Series 2011A, 5.250%, 4/01/44 (Pre-refunded 4/01/21) – AGC Insured	4/21 at 100.00	A2 (4)	3,438,508
1,000	South Carolina Jobs-Economic Development Authority, Health Facilities Revenue Bonds, Lutheran Homes of South Carolina Inc., Refunding Series 2017B:	5/23 at 104.00	N/R	1,050,520
750	5.000%, 5/01/37	5/23 at 104.00	N/R	783,990
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 (4)	1,417,925
20	South Carolina Public Service Authority, Revenue Obligation Bonds, Santee Cooper Electric System, Series 2008A, 5.500%, 1/01/38 (Pre-refunded 1/01/19)	1/19 at 100.00	A+ (4)	20,344
	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+	5,323,650
34,000	5.000%, 12/01/50 (UB) (5)	6/25 at 100.00	A+	36,200,820
6,000	5.000%, 12/01/55	6/25 at 100.00	A+	6,373,620
5,000	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding Series 2014C, 5.000%, 12/01/46	12/24 at 100.00	A+	5,317,150
1,310	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2013A, 5.125%, 12/01/43	12/23 at 100.00	A+	1,392,320
10,285	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2014A, 5.500%, 12/01/54	6/24 at 100.00	A+	11,213,633
10,250		4/22 at 100.00	A3	11,173,218

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	Spartanburg Regional Health Services District, Inc., South Carolina, Hosptial Refunding Revenue Bonds, Series 2012A, 5.000%, 4/15/32	
85,620	Total South Carolina	88,568,254
	South Dakota – 0.3% (0.2% of Total Investments)	
3,765	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Regional Health, Refunding Series 2017, 5.000%, 9/27 at 100.00 A1 9/01/40	4,204,074
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	South Dakota (continued)			
	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Avera Health, Series 2012A:			
\$ 250	5.000%, 7/01/27	7/21 at 100.00	A1	\$268,988
4,350	5.000%, 7/01/42	7/21 at 100.00	A1	4,624,702
8,365	Total South Dakota			9,097,764
	Tennessee – 1.2% (0.7% of Total Investments)			
12,895	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+	13,788,365
1,850	Chattanooga-Hamilton County Hospital Authority, Tennessee, Hospital Revenue Bonds, Erlanger Health System, Refunding Series 2014A, 5.000%, 10/01/39	10/24 at 100.00	Baa2	1,983,496
6,010	Greeneville Health and Educational Facilities Board, Tennessee, Hospital Revenue Bonds, Ballad Health, Series 2018A, 4.000%, 7/01/40	7/28 at 100.00	Baa1	6,039,209
2,645	Memphis/Shelby County Economic Development Growth Engine Industrial Development Board, Tennessee, Tax Increment Revenue Bonds, Graceland Project, Senior Series 2017A, 5.500%, 7/01/37	7/27 at 100.00	N/R	2,849,432
3,560	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	3,486,130
10,000	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	10,655,700
36,960	Total Tennessee			38,802,332
	Texas – 12.2% (7.6% of Total Investments)			
735	Arlington Higher Education Finance Corporation, Texas, Education Revenue Bonds, Wayside Schools, Series 2016A, 4.375%, 8/15/36	8/21 at 100.00	BB+	735,507
3,855	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	3,956,117
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%, 9/01/40	3/23 at 103.00	N/R	3,541,425
5,480	Austin, Texas, Electric Utility System Revenue Bonds, Refunding Series 2015A, 5.000%, 11/15/45 (UB) (5)	11/25 at 100.00	Aa3	6,150,368
6,685	Bexar County, Texas, Venue Project Revenue Bonds, Refunding Combined Venue Tax Series 2010, 5.500%, 8/15/49 – AGM Insured	8/19 at 100.00	A-	6,925,794
2,500	Board of Managers, Joint Guadalupe County-Seguin City Hospital, Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015, 5.000%, 12/01/45	12/25 at 100.00	BB	2,536,600
2,410	Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II Public Improvement District Neighborhood Improvement Area 1 Project, Series 2015, 7.250%, 9/01/45	3/23 at 103.00	N/R	2,401,300
4,300		3/23 at 103.00	N/R	4,286,541

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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

405 Celina, Texas, Special Assessment Revenue Bonds, Wells South
Public Improvement District Neighborhood Improvement Area 1 9/24 at 100.00 N/R 418,596
Project, Series 2015, 6.250%, 9/01/45

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
	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	Baa2 (4)	\$1,635,600
1,700	6.250%, 1/01/46 (Pre-refunded 1/01/21)	1/21 at 100.00	Baa2 (4)	1,873,638
13,685	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A, 5.000%, 1/01/45	7/25 at 100.00	Baa2	14,891,743
10,375	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2016, 3.375%, 1/01/41	1/26 at 100.00	Baa2	9,222,856
1,035	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Idea Public Schools, Series 2012, 3.750%, 8/15/22	No Opt. Call	BBB+	1,082,341
765	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2013A: 4.350%, 12/01/42	12/22 at 100.00	BBB-	771,877
685	4.400%, 12/01/47	12/22 at 100.00	BBB-	691,151
4,000	Clifton Higher Education Finance Corporation, Texas, Education Revenue Bonds, Uplift Education Charter School, Series 2015A, 5.000%, 12/01/45	6/25 at 100.00	BBB-	4,263,880
765	Club Municipal Management District 1, Texas, Special Assessment Revenue Bonds, Improvement Area 1 Project, Series 2016: 5.750%, 9/01/28	9/23 at 103.00	N/R	742,218
770	6.500%, 9/01/46	9/23 at 103.00	N/R	732,131
11,735	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured	11/21 at 100.00	A+	12,602,334
2,520	Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2013A, 6.375%, 9/01/42	9/23 at 100.00	N/R	2,850,700
400	Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2014A, 5.250%, 9/01/44	9/24 at 100.00	BBB-	428,520
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	1,285,936
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	9,125,874
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	22,167,400
10,000	5.000%, 4/01/53 (UB)	10/23 at 100.00	AA	10,954,800
5,470	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2015-XF0228, 15.158%, 11/01/44, 144A (IF)	10/23 at 100.00	AA	7,559,649

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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	4,696,669
1,545	Harris County Metropolitan Transit Authority, Texas, Sales and Use Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0054, 11.785%, 11/01/41, 144A (IF) (5)	11/21 at 100.00	AA+	1,934,757
4,080	Harris County, Texas, General Obligation Toll Road Revenue Bonds, Tender Option Bond Trust 2015-XF0074, 12.623%, 8/15/32 – AGM Insured, 144A (IF)	No Opt. Call	AAA	7,360,932
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	1,516,380

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 6,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Senior Lien Series 2014A, 5.000%, 11/15/53	11/24 at 100.00	A-	\$6,528,300
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3:			
1,940	0.000%, 11/15/34 (Pre-refunded 11/15/24) – NPFPG Insured	11/24 at 55.69	Baa2 (4)	924,759
14,055	0.000%, 11/15/34 – NPFPG Insured	11/24 at 55.69	BB	6,178,016
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	5,123,300
	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	3,208,225
4,865	0.000%, 9/01/27 – AMBAC Insured	No Opt. Call	A2	3,601,268
4,715	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40	9/24 at 100.00	A-	5,164,104
17,000	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	A2 (4)	22,837,800
6,700	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46	8/21 at 100.00	A+	7,172,752
3,500	Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43	8/19 at 100.00	BBB+	3,524,150
940	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30	8/25 at 100.00	BBB+	1,029,704
1,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2015, 5.000%, 5/15/45	5/25 at 100.00	A	1,100,640
10,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2018, 5.000%, 5/15/48	5/28 at 100.00	A	11,322,000
	McCamey County Hospital District, Texas, General Obligation Bonds, Series 2013:			
3,095	5.750%, 12/01/33	12/25 at 100.00	B1	3,253,216
3,125	6.125%, 12/01/38	12/25 at 100.00	B1	3,306,875
	Montgomery County Toll Road Authority, Texas, Toll Road Revenue Bonds, Senior Lien Series 2018:			
1,900	5.000%, 9/15/43	9/25 at 100.00	BBB-	2,061,937
1,785	5.000%, 9/15/48	9/25 at 100.00	BBB-	1,931,316
	New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Legacy at Willow Bend Project, Series 2016:			
2,335	5.000%, 11/01/46		BBB-	2,435,802

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			11/23 at 103.00		
6,015	5.000%, 11/01/51		11/23 at 103.00	BBB-	6,253,495
745	New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Wesleyan Homes, Inc. Project, Series 2014, 5.500%, 1/01/43		1/25 at 100.00	N/R	795,049
210	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi II, L.L.C.-Texas A&M University-Corpus Christi Project, Series 2016A, 5.000%, 4/01/48		4/26 at 100.00	Ba2	214,544
4,530	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation - College Station I LLC - Texas A&M University Project, Series 2014A, 4.100%, 4/01/34 - AGM Insured		4/24 at 100.00	A2	4,612,355

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 820	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation - San Antonio I, L.L.C. - Texas A&M University - San Antonio Project, Series 2016A, 5.000%, 4/01/48	4/26 at 100.00	BBB-	\$844,674
1,000	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: 5.000%, 4/01/34	4/24 at 100.00	BBB-	1,072,690
2,200	5.000%, 4/01/39	4/24 at 100.00	BBB-	2,343,660
1,600	5.000%, 4/01/46	4/24 at 100.00	BBB-	1,697,776
5,540	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Galveston-Texas A&M University at Galveston Project, Series 2014A, 5.000%, 4/01/39	4/24 at 100.00	Baa3	5,968,851
3,220	North Fort Bend Water Authority, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 12/15/36 – AGM Insured	12/21 at 100.00	A2	3,486,069
2,590	North Texas Tollway Authority, Special Projects System Revenue Bonds, Convertible Capital Appreciation Series 2011C: 0.000%, 9/01/43 (Pre-refunded 9/01/31) (6)	9/31 at 100.00	N/R (4)	2,829,679
3,910	0.000%, 9/01/45 (Pre-refunded 9/01/31) (6)	9/31 at 100.00	N/R (4)	4,675,382
3,000	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 5.500%, 9/01/41 (Pre-refunded 9/01/21) (UB) (5)	9/21 at 100.00	N/R (4)	3,318,780
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	6,705,380
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-	2,218,220
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	631,387
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	1,694,485
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-	2,602,029
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	2,039,011
215	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2010: 5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	231,147

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2,675	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00 AA- (4)	2,881,483
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-	19,606,684
5,715	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	5,572,811

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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:			
\$ 3,635	5.000%, 12/15/22	No Opt. Call	BBB	\$4,034,305
2,500	5.000%, 12/15/26	12/22 at 100.00	BBB	2,735,425
2,500	5.000%, 12/15/29	12/22 at 100.00	BBB	2,710,700
4,355	5.000%, 12/15/30	12/22 at 100.00	BBB	4,712,763
2,975	5.000%, 12/15/32	12/22 at 100.00	BBB	3,209,281
3,150	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41	8/22 at 100.00	A-	3,381,557
11,280	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2015B: 0.000%, 8/15/36	8/24 at 59.60	A-	5,274,302
10,000	0.000%, 8/15/37	8/24 at 56.94	A-	4,461,700
5,000	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C: 5.000%, 8/15/37	8/24 at 100.00	BBB	5,419,000
31,810	5.000%, 8/15/42	8/24 at 100.00	BBB	34,331,579
4,400	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A-	3,613,104
1,840	Ysleta Independent School District Public Facility Corporation, Texas, Lease Revenue Refunding Bonds, Series 2001, 5.375%, 11/15/24 – AMBAC Insured	11/18 at 100.00	AA-	1,860,001
393,205	Total Texas			398,087,156
	Virginia – 1.8% (1.2% of Total Investments)			
	Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015:			
1,200	5.300%, 3/01/35	3/25 at 100.00	N/R	1,219,260
1,085	5.600%, 3/01/45	3/25 at 100.00	N/R	1,107,666
11,380	Hampton Roads Transportation Accountability Commission, Virginia, Hampton Roads Transportation Fund Revenue Bonds, Senior Lien Series 2018A, 5.500%, 7/01/57	1/28 at 100.00	AA	13,564,049
14,945	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement Projects, Refunding Second Senior Lien Series 2014A, 5.000%, 10/01/53	4/22 at 100.00	BBB+	15,819,731
11,000	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital improvement Projects, Second Senior Lien Series 2009C, 6.500%, 10/01/41 – AGC Insured	10/26 at 100.00	A3	13,850,650
10,000	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail Capital Appreciation, Second Senior Lien Series 2010B, 0.000%, 10/01/44 (6)	10/28 at 100.00	BBB+	12,658,300
	Roanoke Industrial Development Authority, Virginia, Hospital Revenue Bonds, Carilion Health System Obligated Group, Series			

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15	2005B:			
985	5.000%, 7/01/38 (Pre-refunded 7/01/20)	7/20 at 100.00	A1 (4)	15,937
45	5.000%, 7/01/38	7/20 at 100.00	A1	1,030,911

NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Virginia (continued)			
\$ 1,000	Virginia College Building Authority, Educational Facilities Revenue Bonds, Marymount University Project, Green Series 2015B, 5.250%, 7/01/35	7/25 at 100.00	BB+	\$ 1,077,950
51,610	Total Virginia			60,344,454
	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 Series 2016S-1, 5.000%, 11/01/46 (UB)	No Opt. Call	Aa1	12,501,291
5,000	Energy Northwest, Washington, Electric Revenue Bonds, Columbia Generating Station, Refunding Series 2015A, 5.000%, 7/01/38 (UB) (5)	7/25 at 100.00	AA-	5,653,400
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	3,854,925
7,500	King County, Washington, Sewer Revenue Bonds, Tender Option Bond Trust 2016-XL0009, 8.848%, 1/01/39 (Pre-refunded 1/01/19) – AGC Insured, 144A (IF) (5)	1/19 at 100.00	AAA	7,742,925
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	6,126,453
1,250	Washington Health Care Facilities Authority, Revenue Bonds, Providence Health & Services, Tender Option Bond Trust 2015-XF0148, 15.252%, 10/01/44, 144A (IF) (5)	10/24 at 100.00	AA-	1,708,700
6,540	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	Aa2	7,136,513
	Washington State Housing Finance Commission, Non-profit Housing Revenue Bonds, Presbyterian Retirement Communities Northwest Project, Refunding Series 2016A:			
5,450	5.000%, 1/01/46	1/25 at 102.00	BB+	5,799,890
3,650	5.000%, 1/01/51	1/25 at 102.00	BB+	3,870,971
21,510	Washington State, Motor Vehicle Fuel Tax General Obligation Bonds, Series 2002-03C, 0.000%, 6/01/28 – NPFPG Insured (UB) (5)	No Opt. Call	AA+	16,144,976
70,065	Total Washington			70,540,044
	West Virginia – 1.8% (1.1% of Total Investments)			
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	6/27 at 100.00	N/R	1,964,277
10,000	West Virginia Economic Development Authority, State Lottery Revenue Bonds, Series 2010A, 5.000%, 6/15/40 (Pre-refunded 6/15/20)	6/20 at 100.00	A1 (4)	10,614,000
40,855	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, West Virginia United Health System Obligated Group,	6/23 at 100.00	A	44,912,719

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52,755	Refunding & Improvement Series 2013A, 5.500%, 6/01/44 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:		57,490,996
1,750	5.000%, 2/01/36	2/26 at 100.00 N/R	1,736,350
305	5.125%, 2/01/46	2/26 at 100.00 N/R	296,030
500	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Corvian Community School Bonds, North Carolina, Series 2017A, 5.125%, 6/15/47	6/24 at 100.00 N/R	503,370
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Wisconsin (continued)			
\$ 1,480	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Envision Science Academy Project, Series 2016A, 5.125%, 5/01/36	5/26 at 100.00	N/R	\$1,435,422
6,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Phoenix Academy Charter School, North Carolina, Series 2017A, 5.625%, 6/15/37	6/24 at 100.00	N/R	5,846,520
1,000	Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A: 5.500%, 6/15/37	6/27 at 100.00	N/R	965,230
1,790	5.625%, 6/15/47	6/27 at 100.00	N/R	1,710,076
35,100	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	40,336,920
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	1,703,179
1,830	Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A: 5.000%, 12/01/27	No Opt. Call	BBB-	1,909,257
1,815	5.200%, 12/01/37	12/27 at 100.00	BBB-	1,915,061
4,050	Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 5.000%, 6/15/38, 144A	6/26 at 100.00	BBB-	4,332,204
1,575	5.000%, 6/15/48, 144A	6/26 at 100.00	BBB-	1,672,713
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-	2,543,175
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	1,030,690
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	Aa3	9,143,653
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	Aa3	2,707,325
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-	7,096,839
3,490	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 4.500%, 2/15/40	2/22 at 100.00	A-	3,625,098
1,485	5.000%, 2/15/40	2/22 at 100.00	A-	1,579,298
11,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 5.000%, 6/01/32	6/22 at 100.00	A3	11,802,450
1,500	5.000%, 6/01/39	6/22 at 100.00	A3	1,591,545

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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)	1,380,313
5,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 3.375%, 8/15/29	8/24 at 100.00	A+	5,047,650
1,450	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	1,520,035

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)
 Portfolio of Investments July 31, 2018
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Wisconsin (continued)			
\$ 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	\$1,080,030
550	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Saint John's Communities Inc., Series 2015B: 5.000%, 9/15/37	9/22 at 100.00	BBB-	574,288
1,000	5.000%, 9/15/45	9/22 at 100.00	BBB-	1,040,670
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	1,078,750
2,565	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Woodland Hills Senior Housing Project, Series 2014: 5.000%, 12/01/44	12/22 at 102.00	N/R	2,680,784
1,775	5.250%, 12/01/49	12/22 at 102.00	N/R	1,875,536
16,190	Wisconsin Health and Educational Facilities Authority, Revenues Bonds, Gundersen Lutheran, Series 2011A, 5.250%, 10/15/39	10/21 at 100.00	A1	17,411,697
1,000	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson Hollow Project. Series 2014: 5.375%, 10/01/44	10/22 at 102.00	N/R	1,075,570
1,500	5.500%, 10/01/49	10/22 at 102.00	N/R	1,620,495
131,730	Total Wisconsin			141,868,223
	Wyoming – 0.1% (0.1% of Total Investments)			
2,035	Campbell County, Wyoming Solid Waste Facilities Revenue Bonds, Basin Electric Power Cooperative - Dry Fork Station Facilities, Series 2009A, 5.750%, 7/15/39	7/19 at 100.00	A	2,109,400
1,000	Teton County Hospital District, Wyoming, Hospital Revenue Bonds, St. John's Medical Center Project, Series 2011B: 5.500%, 12/01/27	12/21 at 100.00	A-	1,068,480
1,000	6.000%, 12/01/36	12/21 at 100.00	A-	1,084,450
4,035	Total Wyoming			4,262,330
\$ 5,764,328	Total Municipal Bonds (cost \$4,835,603,426)			5,188,594,944

Principal Amount (000)	Description (1)	Coupon Maturity	Ratings (3)	Value
	CORPORATE BONDS – 0.0% (0.0% of Total Investments)			
	Transportation – 0.0% (0.0% of Total Investments)			
\$ 1,234	Las Vegas Monorail Company, Senior Interest Bonds (8), (9)	5.500% 7/15/19	N/R	\$796,199
345		5.500% 7/15/55	N/R	173,456

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	Las Vegas Monorail Company, Senior Interest Bonds (8), (9)		
\$ 1,579	Total Corporate Bonds (cost \$86,687)		969,655
	Total Long-Term Investments (cost \$4,835,690,113)		5,189,564,599

Principal Amount (000)	Description (1)	Optional Call Provision (2)	Ratings (3)	Value
	SHORT-TERM INVESTMENTS – 0.3% (0.2% of Total Investments)			
	MUNICIPAL BONDS – 0.3% (0.2% of Total Investments)			

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Principal Amount (000)	Description (1)	Optional Call Provision (2)	Ratings (3)	Value					
	Florida – 0.3% (0.2% of Total Investments)								
\$ 10,000	Miami-Dade County School Board, Florida, Variable Rate Demand Bond Obligations, Certificates of Participation, Series 2013-002, 1.520%, 5/01/31 (10)	No Opt. Call	A2	\$ 10,000,000					
\$ 10,000	Total Short-Term Investments (cost \$10,000,000)			10,000,000					
	Total Investments (cost \$4,845,690,113) – 159.0%			5,199,564,599					
	Floating Rate Obligations – (5.5%)			(180,700,000)					
	MuniFund Term Preferred Shares, net of deferred offering costs – (12.4)% (11)			(405,074,079)					
	Variable Rate Demand Preferred Shares, net of deferred offering costs – (43.1)% (12)			(1,407,676,987)					
	Other Assets Less Liabilities – 2.0% (13)			63,181,535					
	Net Assets Applicable to Common Shares – 100%			\$ 3,269,295,068					
Investments in Derivatives									
Interest Rate Swaps - OTC Cleared Fund									
Notional Amount	Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency	Effective Date (14)	Maturity Date	Value	Premiums Paid (Received)	Unrealized Appreciation (Depreciation)
\$79,400,000	Receive	3-Month LIBOR	2.363%	Semi-Annually	9/10/18	9/10/28	\$4,649,376	\$992	\$4,648,384
Interest Rate Swaps - OTC Uncleared Fund									
Counterparty	Notional Amount	Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency (14)	Effective Date	Optional Termination Date	Maturity Date	Value
JPMorgan Chase Bank, N.A.	\$43,000,000	Receive	Weekly SIFMA	1.841%	Quarterly	8/24/18	9/24/18	8/24/28	1,483,595

Fair Value Measurements

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

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

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

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

NVGNuveen AMT-Free Municipal Credit Income Fund (continued)

Portfolio of Investments July 31, 2018

(Unaudited)

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

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$5,188,594,944	\$ —	\$5,188,594,944
Corporate Bonds	—	—	969,655	969,655
Short-Term Investments:				
Municipal Bonds	—	10,000,000	—	10,000,000
Investments in Derivatives:				
Interest Rate Swaps*	—	6,131,979	—	6,131,979
Total	\$ —	\$5,204,726,923	\$969,655	\$5,205,696,578

*Represents net unrealized appreciation (depreciation).

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund. The tables below present the cost and unrealized appreciation (depreciation) of the Fund's investment portfolio, as determined on a federal income tax basis, as of July 31, 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.

Tax cost of investments	\$4,655,913,009
Gross unrealized:	
Appreciation	\$ 378,837,407
Depreciation	(15,885,130)
Net unrealized appreciation (depreciation) of investments	\$ 362,952,277

Tax cost of swaps	\$ 992
Net unrealized appreciation (depreciation) of swaps	6,131,979

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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.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) 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) 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.
- (7) As of, or subsequent to, the end of the reporting period, this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund's records.
- (8) 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.
- (9) 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.
- (10) Investment has 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.
- (11) MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 7.8%.
- (12) Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 27.1%.
- (13) Other assets less liabilities includes the unrealized appreciation (depreciation) of certain over-the-counter ("OTC") derivatives as well as the OTC cleared and exchange-traded derivatives, when applicable.
- (14) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each contract.
- 144A Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- IF 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

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SIFMA Securities Industry and Financial Market Association

UB Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act) (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).

- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

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

SIGNATURES

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

(Registrant) Nuveen AMT-Free Municipal Credit Income Fund

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

Date: September 28, 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: September 28, 2018

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

Date: September 28, 2018