Nuveen AMT-Free Municipal Value Fund Form N-Q April 01, 2019

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-O

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22253

Nuveen AMT-Free Municipal Value Fund

(Exact name of registrant as specified in charter)

Nuveen Investments

333 West Wacker Drive, Chicago, Illinois 60606

(Address of principal executive offices) (Zip code)

Gifford R. Zimmerman

Vice President and Secretary

333 West Wacker Drive, Chicago, Illinois 60606

(Name and address of agent for service)

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

Date of fiscal year end: October 31

Date of reporting period: January 31, 2019

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

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget (OMB) control number. Please direct

comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

NUW Nuveen AMT-Free Municipal Value Fund Portfolio of Investments January 31, 2019 (Unaudited) Principal Amount (000) LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
Portfolio of Investments January 31, 2019 (Unaudited) Principal Amount (000) LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
(Unaudited) Principal Amount (000) Optional Call Ratings Provisions (2) (3) Value Provisions (2) (3) LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: 3/19 at 100.00 A3 \$135,0 \$135	
Principal Amount (000) Description (1) LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135 4.625%, 6/01/23 3/19 at 100.00 A3 \$135,0 3/19 at 100.00 B3 355,87 4/19 at 100.00 B3 490,89 Arizona - 1.4% Salt Verde Financial Corporation, Arizona, Senior Gas Revenue	
Amount (000) Description (1)	
(000) LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
LONG-TERM INVESTMENTS - 97.0% MUNICIPAL BONDS - 97.0% Alaska - 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
MUNICIPAL BONDS — 97.0%	
Alaska — 0.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
Settlement Asset-Backed Bonds, Series 2006A: \$ 135	
\$ 135	
385 5.000%, 6/01/46 4/19 at 100.00 B3 355,87 520 Total Alaska 490,89 Arizona – 1.4% Salt Verde Financial Corporation, Arizona, Senior Gas Revenue	6
520 Total Alaska Arizona – 1.4% Salt Verde Financial Corporation, Arizona, Senior Gas Revenue	
Arizona – 1.4% Salt Verde Financial Corporation, Arizona, Senior Gas Revenue	
Salt Verde Financial Corporation, Arizona, Senior Gas Revenue	
•	
3,045 Bonds, Citigroup Energy Inc. Prepay Contract Obligations, Series No Opt. Call BBB+ 3,546,4	31
2007, 5.000%, 12/01/37	
California – 13.3%	
Alameda Corridor Transportation Authority, California, Revenue	
1,790 Bonds, Refunding Second Subordinate Lien Series 2016B, 5.000%, 107.26 at 100.00 BBB+ 1,977,2	38
10/01/37	
Anaheim Public Financing Authority, California, Lease Revenue	
1,730 Bonds, Public Improvement Project, Series 1997C, 0.000%, 9/01/30 -No Opt. Call AA 1,169,6	38
AGM Insured	
California Pollution Control Financing Authority, Water Furnishing	
Revenue Bonds, San Diego County Water Authority Desalination 1/29 at 100.00 Baa3 375,93	
Project Pipeline, Refunding Series 2019, 5.000%, 11/21/45, 144A	
(WI/DD, Settling 2/20/19)	
California State Public Works Board, Lease Revenue Bonds,	
2,500 Department of General Services Buildings 8 & 9, Series 2009A, 4/19 at 100.00 A+ (4) 2,519,1	0
6.250%, 4/01/34 (Pre-refunded 4/01/19)	
California State, General Obligation Bonds, Tender Option Bond To 12016 NG0020 16 5146 201440 AGM I 1444 (III) 3/20 at 100.00 AA 572,960	
500 California State, General Configuration Bonds, Tender Option Bond 3/20 at 100.00 AA 572,960 Trust 2016-XG0039, 16.514%, 3/01/40 — AGM Insured, 144A (IF) (5)	
Golden State Tobacco Securitization Corporation, Camfornia,	
Tobacco Settlement Asset-Backed Bonds, Series 2018A-1, 5.250%, 6/22 at 100.00 N/R 532,875	
6/01/47 M.S.P. Energy, Authority, Colifornia, Gos Payanya Bonds, Citigraun	
M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009A, 6.500%, 11/01/39 No Opt. Call A 620,059	
Palomar Pomerado Health, California, General Obligation Bonds,	
10,200 Series 2009A, 0.000%, 8/01/38 – AGC Insured (6) 8/29 at 100.00 AA 12,967.	260
Poway Unified School District, San Diego County, California,	
1,030 General Obligation Bonds, School Facilities Improvement District No Opt. Call AA- 572,78.	
2007-1, Series 2011A, 0.000%, 8/01/35	
San Francisco Airports Commission, California, Revenue Bonds,	
2,470 San Francisco International Airport, Governmental Purpose Second 5/27 at 100.00 A+ 2,780,2)7
Series 2017B, 5.000%, 5/01/47	. ,
12,955 San Ysidro School District, San Diego County, California, General No Opt. Call AA 6,818,4	16
Obligation Bonds, 1997 Election Series 2012G, 0.000%, 8/01/35 –	

	AGM Insured			
5,185	San Ysidro School District, San Diego County, California, General	No Opt. Call	ΔΔ	1,530,353
	Obligation Bonds, Refunding Series 2015, 0.000%, 8/01/44	No Opt. Can	ΑΛ	1,330,333
	Victor Elementary School District, San Bernardino County,			
700	California, General Obligation Bonds, Series 2002A, 0.000%,	No Opt. Call	Aa3	617,050
	8/01/24 - FGIC Insured	-		
40,390	Total California			33,054,084
1				, ,

	n AMT-Free Municipal Value Fund (continued) io of Investments January 31, 2019			
·	med)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Colorado – 5.6%			
	Denver Convention Center Hotel Authority, Colorado, Revenue			
	Bonds, Convention Center Hotel, Refunding Senior Lien Series 2016:			
\$ 1,000	5.000%, 12/01/30	12/26 at 100.00	Raa2	\$1,115,620
1,500	5.000%, 12/01/36	12/26 at 100.00		1,641,810
1,500	E 170 Public Highway Authority Coloredo Toll Payanua Rondo		Daaz	1,041,010
5,885	Series 2004A 0 000% 9/01/34 - NPFG Insured	No Opt. Can	A	3,274,296
3,605	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/27 – NPFG Insured	9/20 at 67.94	A	2,347,396
4,000	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Bonds, Refunding Series 2009, 6.375%, 12/01/37 — AGC Insured (Pre-refunded 12/01/19)	12/19 at 100.00	AA (4)	4,153,440
1,000	Public Authority for Colorado Energy, Natural Gas Purchase Revenue Bonds, Colorado Springs Utilities, Series 2008, 6.500%,	No Opt. Call	A+	1,390,240
	11/15/38	-		
16,990	Total Colorado			13,922,802
	Florida – 8.0%			
500	Gainesville, Florida, Utilities System Revenue Bonds, Series 2017A, 5.000%, 10/01/37	10/27 at 100.00	AA-	580,120
1,605	Lakeland, Florida, Hospital System Revenue Bonds, Lakeland Regional Health, Series 2015, 5.000%, 11/15/45	11/24 at 100.00	A2	1,727,317
	Miami Beach Redevelopment Agency, Florida, Tax Increment			
535	Revenue Bonds, City Center/Historic Convention Village, Series	2/24 at 100.00	AA	594,214
	2015A, 5.000%, 2/01/44 — AGM Insured			
0.500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami	10/10 -4 100 00	12 (1)	0.729.260
9,500	International Airport, Series 2009A, 5.500%, 10/01/41	10/19 at 100.00	A2 (4)	9,738,200
	(Pre-refunded 10/01/19) (UB) (5)			
3,350	Miami-Dade County, Florida, Water and Sewer System Revenue	10/25 at 100.00	AA-	3,856,218
	Bonds, Refunding Series 2017B, 5.000%, 10/01/32			
<i>5</i> 10	Putnam County Development Authority, Florida, Pollution	<i>51</i> 00 -4 100 00		564.560
510	Control Revenue Bonds, Seminole Electric Cooperative, Inc.	5/28 at 100.00	A-	564,560
	Project, Refunding Series 2018B, 5.000%, 3/15/42			
0.60	Tolomato Community Development District, Florida, Special	5/10 / 100 00	N/D	0.47.720
860	Assessment Bonds, Convertible, Capital Appreciation, Series	5/19 at 100.00	N/R	847,728
	2012A-3, 6.610%, 5/01/40 (6)			
2==	Tolomato Community Development District, Florida, Special	7/00 100 00		205 255
375	Assessment Bonds, Convertible, Capital Appreciation, Series	5/22 at 100.00	N/R	307,275
	2012A-4, 6.610%, 5/01/40 (6)			
	Tolomato Community Development District, Florida, Special			_
525	Assessment Bonds, Hope Note, Series 2007-3, 6.450%, 5/01/23	4/19 at 100.00	N/R	5
40	$\begin{array}{c} (7) \\ \end{array}$	4/10 : 100 00	NIP	20.005
40	Tolomato Community Development District, Florida, Special	4/19 at 100.00	N/K	39,885
	Assessment Bonds, Non Performing Parcel Series 2007-1 RMKT,			

	6.450%, 5/01/23			
1,315	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-1, 6.610%, 5/01/40 (7)	4/19 at 100.00	N/R	1,055,301
	Tolomato Community Development District, Florida, Special			
805	Assessment Bonds, Refunding Series 2015-2, 6.610%, 5/01/40 (7)	4/19 at 100.00	N/R	529,988
880	Tolomato Community Development District, Florida, Special	4/19 at 100.00	N/R	9
000	Assessment Bonds, Refunding Series 2015-3, 6.610%, 5/01/40 (7)	4/1/ at 100.00	11/11	
20,800	Total Florida			19,840,880
	Georgia – 3.4%			
	Clayton County Development Authority, Georgia, Special			
1,000	Facilities Revenue Bonds, Delta Air Lines, Inc. Project, Series	6/20 at 100.00	Baa3	1,083,090
	2009A, 8.750%, 6/01/29			
2				

Principal Amount	Description (1)	Optional Call	Ratings	Value
(000)	Description (1)	Provisions (2)	(3)	value
	Georgia (continued) Gainesville and Hall County Hospital Authority, Georgia,			
\$ 2,000	Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2017B, 5.500%, 2/15/42	2/27 at 100.00	AA	\$2,337,360
1,470	Municipal Electric Authority of Georgia, General Resolution Projects Subordinated Bonds, Series 20188HH, 5.000%, 1/01/44	1/28 at 100.00	A1	1,599,889
2,000	Municipal Electric Authority of Georgia, Project One Revenue Bonds, Subordinate Lien Series 2015A, 5.000%, 1/01/35	1/25 at 100.00	A2	2,161,020
1.000	Private Colleges and Universities Authority, Georgia, Revenue	10/26 100.00		1 101 500
1,000	Bonds, Emory University, Refunding Series 2016A, 5.000%, 10/01/46	10/26 at 100.00	AA+	1,131,520
7,470	Total Georgia Illinois – 10.4%			8,312,879
2,000	Chicago Board of Education, Illinois, Dedicated Capital Improvement Tax Revenue Bonds, Series 2016, 6.000%, 4/01/46 Chicago, Illinois, General Obligation Bonds, City Colleges,	4/27 at 100.00	A	2,280,460
470	Series 1999: 0.000%, 1/01/33 – FGIC Insured	No Opt. Call	BBB+	261,151
3,000	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	BBB-	1,342,680
2,000	Cook County, Illinois, Sales Tax Revenue Bonds, Series 2017, 5.000%, 11/15/38	11/27 at 100.00	AA	2,233,020
5,035	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series 2009A, 6.000%, 8/15/39 (Pre-refunded 8/15/19)	8/19 at 100.00	AA+ (4)	5,149,395
3,500	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2009A, 7.125%, 11/15/37 (Pre-refunded 5/15/19)	5/19 at 100.00	A2 (4)	3,552,850
3,500	Illinois Finance Authority, State of Illinois Clean Water Initiative Revolving Fund Revenue Bonds, Series 2017, 5.000%, 7/01/37	1/27 at 100.00	AAA	3,994,760
525	Illinois State, General Obligation Bonds, October Series 2016, 5.000%, 2/01/29	2/27 at 100.00	BBB-	560,978
11,420	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A, 0.000%, 12/15/37 — NPFG Insured	No Opt. Call	BBB	4,789,320
615	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/42	10/23 at 100.00	A-	693,216
	Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation Bonds, Capital Appreciation Series 2004:			
300	0.000%, 11/01/23 – NPFG Insured (ETM)	No Opt. Call	Baa2 (4))269,676
745 33,110	0.000%, 11/01/23 – FGIC Insured Total Illinois	No Opt. Call	A+	657,574 25,785,080
1,500	Indiana – 0.5% Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/25 – AMBAC Insured	No Opt. Call	AA	1,302,510
1,545	Iowa – 1.9%	4/19 at 100.00	B-	1,546,514
•				, ,

	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.500%, 12/01/22			
3,075	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C, 5.375%, 6/01/38	4/19 at 100.00	B2	3,054,674
4,620 3	Total Iowa			4,601,188

	n AMT-Free Municipal Value Fund (continued) io of Investments January 31, 2019			
Principal				
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Kentucky – 1.3%			
	Kenton County Airport Board, Kentucky, Airport Revenue			
\$ 1,150	Bonds, Cincinnati/Northern Kentucky International Airport, Series 2016, 5.000%, 1/01/29	1/26 at 100.00	A+	\$1,321,902
	Kentucky Economic Development Finance Authority, Revenue			
1,750	Bonds, Next Generation Kentucky Information Highway Project, Senior Series 2015A, 5.000%, 1/01/45	7/25 at 100.00	Baa2	1,815,065
2,900	Total Kentucky			3,136,967
2,700	Maine – 1.4%			3,130,707
	Maine Health and Higher Educational Facilities Authority,			
3,335	Revenue Bonds, Bowdoin College, Tender Option Bond Trust	No Opt. Call	Aa2	3,449,157
3,333	2016-XL0014, 11.465%, 7/01/39, 144A (IF) (5)	140 Opt. Can	Aa2	3,447,137
	Maryland – 3.7%			
	Baltimore, Maryland, Convention Center Hotel Revenue Bonds,			
	Refunding Series 2017:			
1 000		0/27 -4 100 00	DDD	1 124 050
1,000	5.000%, 9/01/32 5.000%, 0/01/34	9/27 at 100.00		1,124,950
2,250	5.000%, 9/01/34	9/27 at 100.00	BBB-	2,507,220
5,000	Maryland Health and Higher Educational Facilities Authority,	<i>5/07</i> + 100 00		5 402 250
5,000	Revenue Bonds, MedStar Health Issue, Series 2017A, 5.000%,	5/27 at 100.00	A	5,493,350
0.050	5/15/42			0.107.700
8,250	Total Maryland			9,125,520
	Massachusetts – 0.4%			
	Massachusetts Water Pollution Abatement Trust, Pooled Loan			
1,000	Program Bonds, Tender Option Bond Trust 2015-XF2186,	8/19 at 100.00	AAA	1,043,190
	11.332%, 8/01/38, 144A (IF) (5)			
	Michigan – 0.5%			
	Michigan Finance Authority, Senior lien Distributable State Aid			
1,000	Revenue Bonds, Charter County of Wayne Criminal Justice	11/28 at 100.00	Aa3	1,127,270
	Center Project, Series 2018, 5.000%, 11/01/43			
	Minnesota – 1.0%			
1,145	Rochester, Minnesota, Electric Utility Revenue Bonds, Refunding	12/26 at 100.00	Λ 23	1,286,625
1,143	Series 2017A, 5.000%, 12/01/47	12/20 at 100.00	Aas	1,200,023
1,000	University of Minnesota, General Obligation Bonds, Series	9/27 at 100.00	A o 1	1,165,830
1,000	2017A, 5.000%, 9/01/36	9121 at 100.00	Aaı	1,105,650
2,145	Total Minnesota			2,452,455
	Nebraska – 0.2%			
500	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue	9/22 at 100.00	٨	526 005
500	Bonds, Series 2012, 5.000%, 9/01/42	9122 at 100.00	A	536,985
	Nevada – 6.5%			
	Clark County, Nevada, General Obligation Bonds, Limited Tax,			
3,000	Additionally Secured by Pledged Revenues, Transportation	12/28 at 100.00	AA+	3,586,140
•	Improvement Series 2018B, 5.000%, 12/01/33			
4.000	Las Vegas Convention and Visitors Authority, Nevada, Revenue	7.10 0 . 100 00		4.504.020
4,000	Bonds, Series 2018C, 5.250%, 7/01/43	7/28 at 100.00	Aa3	4,594,920

5,415	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)	5,537,000
2,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2015, 5.000%, 6/01/39	12/24 at 100.00 AA+	2,264,760
14,415	Total Nevada		15,982,820
4			

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
, ,	New Jersey - 5.0%		,	
\$ 935	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005N-1, 5.500%, 9/01/27 NPFG Insured	No Opt. Call	A-	\$1,118,372
1,000	New Jersey Economic Development Authority, School Facilities Construction Financing Program Bonds, Refunding Series 2011GG, 5.000%, 9/01/22	3/21 at 100.00	A-	1,050,640
1,250	New Jersey Economic Development Authority, School Facility Construction Bonds, Series 2005K, 5.500%, 12/15/19 – AMB. Insured	ANO Opt. Call	A-	1,287,575
	New Jersey Educational Facilities Authority, Revenue Bonds, University of Medicine and Dentistry of New Jersey, Refunding Series 2009B:			
2,135	7.125%, 12/01/23 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	2,173,003
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	3,057,030
	New Jersey Transportation Trust Fund Authority,			
5,020	Transportation System Bonds, Capital Appreciation Series 2010A, 0.000%, 12/15/31	No Opt. Call	A-	2,963,306
255	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA, 5.250%, 6/15/41 Tobacco Settlement Financing Corporation, New Jersey,	6/25 at 100.00	BBB+	270,096
355	Tobacco Settlement Asset-Backed Bonds, Series 2018B, 5.000%, 6/01/46	6/28 at 100.00	BBB	354,556
13,950	Total New Jersey New York - 4.0%			12,274,578
3,000	Liberty Development Corporation, New York, Goldman Sachs Headquarters Revenue Bonds Series 2007, 5.500%, 10/01/37	No Opt. Call	A	3,793,080
1,500	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2017, 5.000%, 9/01/42	9/27 at 100.00	A-	1,691,445
2,050	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2018, 5.000%, 9/01/39	9/28 at 100.00	A-	2,354,035
1,500	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011, 5.750%, 11/15/51	11/21 at 100.00	A	1,644,945
430	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth	12/20 at 100.00	Baa1	455,323
8,480	Series 2010, 6.000%, 12/01/42 Total New York North Carolina – 0.8%			9,938,828
1,000	North Carolina Capital Facilities Finance Agency, Revenue Bonds, Duke University Project, Refunding Series 2016B, 5.000%, 7/01/42	10/26 at 100.00	AA+	1,132,700
700	North Carolina Turnpike Authority, Triangle Expressway System Revenue Bonds, Refunding Senior Lien Series 2017, 5.000%, 1/01/32	1/27 at 100.00	BBB	787,920
1,700	Total North Carolina Ohio – 3.7%			1,920,620

	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien Series 2007A-2:	,		
2,115	5.875%, 6/01/30	3/19 at 100.00	Caa3	1,977,652
5,910	6.500%, 6/01/47	3/19 at 100.00	B-	5,858,524
1,305	Franklin County, Ohio, Revenue Bonds, Trinity Health Credit Group, Series 2017OH, 4.000%, 12/01/46	6/27 at 100.00	AA-	1,315,074
9,330	Total Ohio			9,151,250
5				

	n AMT-Free Municipal Value Fund (continued) lio of Investments January 31, 2019 dited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Oklahoma – 0.1%			
\$ 255	Oklahoma Development Finance Authority, Health System Revenue Bonds, OU Medicine Project, Series 2018B, 5.250%,	8/28 at 100.00	BB+	\$ 279,414
Ψ 233	8/15/43	0,20 at 100.00	DD I	Ψ 27), 11 1
	Rhode Island – 1.2% Rhode Island Health and Educational Building Corporation,			
3,000	Hospital Financing Revenue Bonds, Lifespan Obligated Group Issue, Series 2009A, 7.000%, 5/15/39 (Pre-refunded 5/15/19)	5/19 at 100.00	BBB+ (4)	3,044,700
	South Carolina – 1.6%			
5,435	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/29 – AGC Insure	No Opt. Call	AA	4,038,477
	Tennessee – 0.3% Metropolitan Government of Nashville-Davidson County,			
605	Tennessee, Water and Sewerage Revenue Bonds, Green Series 2017A, 5.000%, 7/01/42	7/27 at 100.00	AA	690,456
	Texas - 10.9%			
1,000	Austin Community College District Public Facility Corporation, Texas, Lease Revenue Bonds, Highland Campus - Building 3000 Project, Series 2018A, 5.000%, 8/01/42	8/27 at 100.00	AA	1,114,030
2,000	Austin, Texas, Electric Utility System Revenue Bonds, Refunding Series 2017, 5.000%, 11/15/35	11/26 at 100.00	AA	2,299,600
1,855	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53	10/23 at 100.00	A+	2,047,493
	Houston, Texas, Hotel Occupancy Tax and Special Revenue			
3,000	Bonds, Convention and Entertainment Project, Series 2001B: 0.000%, 9/01/32 – AMBAC Insured	No Opt. Call	A2	1,814,100
7,935	0.000%, 9/01/33 – AMBAC Insured	No Opt. Call	A2	4,571,195
915	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2015B, 5.000%, 1/01/45	1/25 at 100.00	A+	1,009,218
250	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources System, Series	8/26 at 100.00	ΛΛ	276,900
230	2016A, 5.000%, 2/15/41	6/20 at 100.00	ЛЛ	270,700
1,500	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32	12/22 at 100.00	BBB	1,600,155
7,635	Texas Water Development Board, State Water Implementation Revenue Fund Bonds, Master Trust Series 2016, 4.000%, 10/15/41	10/26 at 100.00	AAA	7,895,506
2,500	Texas Water Development Board, State Water Implementation Revenue Fund Bonds, Master Trust Series 2017A, 4.000%,	10/27 at 100.00	AAA	2,587,225
	10/15/42 (UB) (5) Wylie Independent School District, Collin County, Texas, General			
2,000	Obligation Bonds, School Building Series 2010: 0.000%, 8/15/33	No Opt. Call	AAA	974,640
1,945	0.000%, 8/15/38	No Opt. Call	AAA	708,116
32,535	Total Texas			26,898,178

Utah – 0.6%
Salt Lake City, Utah, Airport Revenue Bonds, International
Airport Series 2017B, 5.000%, 7/01/42

7/27 at 100.00 A+ 1,579,094

Principal Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	TT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	110 (1310113 (2)	(3)	
	Virginia – 1.4% Chesapeake Bay Bridge and Tunnel District, Virginia, General			
\$ 1,160	Resolution Revenue Bonds, First Tier Series 2016, 5.000%,	7/26 at 100.00	BBB	\$1,257,684
Ψ 1,100	7/01/51	7720 at 100.00	DDD	Ψ1,227,001
	Chesapeake, Virginia, Transportation System Senior Toll Road			
1,400	Revenue Bonds, Capital Appreciation Series 2012B, 4.875%,	7/28 at 100.00	BBB	1,212,568
	7/15/40 (6) Metropolitan Washington Airports Authority, Virginia, Dulles			
	Toll Road Revenue Bonds, Dulles Metrorail & Capital			
1,000	Improvement Projects, Refunding Second Senior Lien Series	4/22 at 100.00	BBB+	1,033,240
	2014A, 5.000%, 10/01/53			
3,560	Total Virginia			3,503,492
	Washington – 2.2% Chelan County Public Utility District 1, Washington, Columbia			
3,330	River-Rock Island Hydro-Electric System Revenue Refunding	No Opt. Call	AA+	2,441,156
-,	Bonds, Series 1997A, 0.000%, 6/01/29 – NPFG Insured			_, ,
690	Washington Health Care Facilities Authority, Revenue Bonds,	8/27 at 100.00	RRR	776,588
070	Virginia Mason Medical Center, Series 2017, 5.000%, 8/15/30	0/2/ dt 100.00	DDD	770,200
2,015	Washington State Convention Center Public Facilities District, Lodging Tax Revenue Bonds, Series 2018, 5.000%, 7/01/48	7/28 at 100.00	A1	2,238,383
6,035	Total Washington			5,456,127
,	West Virginia – 1.4%			, ,
	West Virginia Hospital Finance Authority, Hospital Revenue			
235	Bonds, Cabell Huntington Hospital, Inc., Project, Refunding &	1/29 at 100.00	BBB+	261,999
	Improvement Series 2018A, 5.000%, 1/01/36 West Virginia Hospital Finance Authority, Hospital Revenue			
1,500	Bonds, West Virginia United Health System Obligated Group,	6/23 at 100.00	A	1,633,815
	Refunding & Improvement Series 2013A, 5.500%, 6/01/44			
1,430	West Virginia Parkways Authority, Turnpike Toll Revenue	6/28 at 100.00	AA-	1,636,535
3,165	Bonds, Senior Lien Series 2018, 5.000%, 6/01/43 Total West Virginia			3,532,349
3,103	Wisconsin – 4.1%			3,332,349
1 000	Wisconsin Health and Educational Facilities Authority, Revenue	2/22 -4 100 00	A	1 070 710
1,000	Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/27	2/22 at 100.00	A-	1,070,710
0.000	Wisconsin State, General Fund Annual Appropriation Revenue	5/10 . 100.00		0.006.120
9,000	Bonds, Refunding Series 2009A, 6.000%, 5/01/36 (Pre-refunded 5/01/19)	5/19 at 100.00	Aa2 (4)	9,096,120
10,000	Total Wisconsin			10,166,830
\$ 261,445	Total Long-Term Investments (cost \$221,684,264)			240,185,552
	Floating Rate Obligations $-(3.7)\%$			(9,125,000)
	Other Assets Less Liabilities – 6.7%			16,476,950
	Net Assets Applicable to Common Shares - 100%			\$ 247,537,502
7				471,331,304

NUW Nuveen AMT-Free Municipal Value Fund (continued)

Portfolio of Investments January 31, 2019 (Unaudited)

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

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

Level 1 Level 2 Level 3 Total

Long-Term Investments:

Municipal Bonds \$ — \$240,185,552\$ — \$240,185,552

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 table below presents the cost and unrealized appreciation (depreciation) of the Fund's investment portfolio, as determined on a federal income tax basis, as of January 31, 2019.

Tax cost of investments \$211,835,274

Gross unrealized:

Appreciation \$19,820,960
Depreciation (595,648)
Net unrealized appreciation (depreciation) of investments \$19,225,312

8

- (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.
 - For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of split-rated
- (3) securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- 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
- (7) 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 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
- IF 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.
- UB Underlying bond of an inverse floating rate trust reflected as a financing transaction.

WI/DD Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.

9

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 Value Fund

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

Gifford R. Zimmerman Vice President and Secretary

Date: April 1, 2019

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: April 1, 2019

By (Signature and

Title) /s/ Stephen D. Foy

Stephen D. Foy

Vice President and Controller (principal financial

officer)

Date: April 1, 2019