Nuveen AMT-Free Municipal Value Fund Form N-Q March 31, 2016

# 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)

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

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

Date of fiscal year end: 10/31

Date of reporting period: 1/31/16

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

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

### Item 1. Schedule of Investments

### Portfolio of Investments

Nuveen AMT-Free Municipal Value Fund (NUW)

January 31, 2016 (Unaudited)

Principal Amount (000)	Description (1) LONG-TERM INVESTMENTS – 98.8%	Optional Call Provisions (2)	Ratings (3)	Value
	MUNICIPAL BONDS – 98.8%			
	Alaska – 0.4%			
	Northern Tobacco Securitization Corporation,			
	Alaska, Tobacco Settlement Asset-Backed			
	Bonds, Series 2006A:			
\$ 740	4.625%, 6/01/23	4/16 at 100.00	Ba1	\$ 740,303
350	5.000%, 6/01/46	4/16 at 100.00	В	297,903
1,090	Total Alaska	1710 <b>u</b> t 100.00	D	1,038,206
,	Arizona – 3.5%			, ,
	Maricopa County Pollution Control			
	Corporation, Arizona, Pollution Control			
4,000	Revenue Bonds, El	2/19 at 100.00	Baa1	4,665,040
	Paso Electric Company, Refunding Series			
	2009A, 7.250%, 2/01/40 Salt Verde Financial Corporation, Arizona,			
	Senior Gas Revenue Bonds, Citigroup Energy			
3,045	Inc.	No Opt. Call	BBB+	3,665,053
3,013	Prepay Contract Obligations, Series 2007,	110 Opt. Cull	DDD !	3,003,033
	5.000%, 12/01/37			
7,045	Total Arizona			8,330,093
	California – 12.3%			
	Anaheim Public Financing Authority,			
1 220	California, Lease Revenue Bonds, Public	V. O . G 11		<b>7</b> 00 00 <b>3</b>
1,330	Improvement	No Opt. Call	AA	799,982
	Project, Series 1997C, 0.000%, 9/01/30 – AGM Insured			
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A+	2,928,950
	Buildings 8 & 9, Series 2009A, 6.250%,			
	4/01/34			
500	California State, General Obligation Bonds,	No Opt. Call	AA	826,480
	Tender Option Bond Trust 3162, 20.412%,			

	3 3			
	3/01/18 –			
	AGM Insured (IF)			
	Golden State Tobacco Securitization			
	Corporation, California, Tobacco Settlement			
4,235	Asset-Backed	6/17 at 100.00	В	3,955,956
	Bonds, Series 2007A-1, 5.000%, 6/01/33			
	M-S-R Energy Authority, California, Gas			
	Revenue Bonds, Citigroup Prepay Contracts,			
450	Series	No Opt. Call	A	649,791
	2009A, 6.500%, 11/01/39	1		,
	Palomar Pomerado Health, California,			
	General Obligation Bonds, Series 2009A,			
10,200	0.000%, 8/01/38 –	8/29 at 100.00	AA	11,416,553
,	AGC Insured			, ,
	Poway Unified School District, San Diego			
	County, California, General Obligation			
1,030	Bonds, School	No Opt. Call	AA-	506,235
,	Facilities Improvement District 2007-1, Series	_		,
	2011A, 0.000%, 8/01/35			
	San Ysidro School District, San Diego			
	County, California, General Obligation			
12,955	Bonds, 1997	No Opt. Call	AA	6,104,654
,	Election Series 2012G, 0.000%, 8/01/35 –			-, - ,
	AGM Insured			
	San Ysidro School District, San Diego			
	County, California, General Obligation			
5,185	Bonds, Refunding	No Opt. Call	AA	1,301,850
-,	Series 2015, 0.000%, 8/01/44			, ,
	Victor Elementary School District, San			
	Bernardino County, California, General			
700	Obligation	No Opt. Call	AA-	571,438
	Bonds, Series 2002A, 0.000%, 8/01/24 – FGIO	_		,
	Insured			
39,085	Total California			29,061,889
,	Colorado – 4.2%			. , ,
	E-470 Public Highway Authority, Colorado,			
	Toll Revenue Bonds, Series 2004A, 0.000%,			
5,885	9/01/34 –	No Opt. Call	AA-	3,023,536
,	NPFG Insured	1		, ,
	E-470 Public Highway Authority, Colorado,			
	Toll Revenue Bonds, Series 2004B, 0.000%,			
3,605	9/01/27 –	9/20 at 67.94	AA-	2,110,511
,	NPFG Insured			, ,
	Park Creek Metropolitan District, Colorado,			
	Senior Property Tax Supported Revenue	12/19 at		
4,000	Bonds,	100.00	AA (4)	4,797,880
ŕ	Series 2009, 6.375%, 12/01/37 (Pre-refunded		. ,	,
	12/01/19) – AGC Insured			
13,490	Total Colorado			9,931,927
•	Florida – 9.0%			. ,
1,605			A2	1,791,597
•				•

	Lakeland, Florida, Hospital System Revenue Bonds, Lakeland Regional Health, Series 2015,	11/24 at 100.00		
535	5.000%, 11/15/45 Miami Beach Redevelopment Agency, Florida, Tax Increment Revenue Bonds, City Center/Historic Convention Village, Series 2015A, 5.000%, 2/01/44 – AGM Insured	2/24 at 100.00	AA	601,731
9,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2009A, 5.500%, 10/01/41 (UB) (5) Miami-Dade County, Florida, General Obligation Bonds, Build Better Communities	10/19 at 100.00	A	10,715,430
	Program, Series 2009-B1:			
2,500	6.000%, 7/01/38	7/18 at 100.00	AA	2,818,650
2,000	5.625%, 7/01/38  Tolomato Community Development District, Florida, Special Assessment Bonds,	7/18 at 100.00	AA	2,212,940
300	Convertible, Capital Appreciation, Series 2012A-2, 0.000%, 5/01/39	5/17 at 100.00	N/R	240,729
865	Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-3,	5/19 at 100.00	N/R	519,147
375	0.000%, 5/01/40 Tolomato Community Development District, Florida, Special Assessment Bonds, Convertible, Capital Appreciation, Series 2012A-4, 0.000%, 5/01/40	5/22 at 100.00	N/R	166,808
525	Tolomato Community Development District, Florida, Special Assessment Bonds, Hope Note, Series 2007-3, 6.450%, 5/01/23 (6)	5/18 at 100.00	N/R	5
45	Tolomato Community Development District, Florida, Special Assessment Bonds, Non Performing ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23 (6)	5/18 at 100.00	N/R	45,886
905	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2012A-1, 6.450%, 5/01/23 Tolomato Community Development District,	5/17 at 100.00	N/R	909,787
1,315	Florida, Special Assessment Bonds, Refunding Series 2015-1, 0.000%, 5/01/40 (6)	5/18 at 100.00	N/R	813,854

805	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-2, 0.000%, 5/01/40 (6)	5/18 at 100.00	N/R	421,627
880 22,155	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding Series 2015-3, 6.610%, 5/01/40 (6) Total Florida	5/18 at 100.00	N/R	9 21,258,200
430	Georgia – 0.7% Atlanta, Georgia, Tax Allocation Bonds, Beltline Project Series 2008A. Remarketed, 7.500%, 1/01/31	1/19 at 100.00	A2	498,258
1,000	Clayton County Development Authority, Georgia, Special Facilities Revenue Bonds, Delta Air Lines, Inc. Project, Series 2009A, 8.750%,	6/20 at 100.00	ВВ	1,244,090
1,430	6/01/29 Total Georgia Illinois – 11.4%			1,742,348
1,260	Chicago, Illinois, General Airport Revenue Bonds, O'Hare International Airport, Third Lien Series 2008B, 5.000%, 1/01/20 – AGM Insure Chicago, Illinois, General Obligation Bonds,	1/17 at 100.00 ed	AA	1,311,862
355	City Colleges, Series 1999: 0.000%, 1/01/33 – FGIC Insured	No Opt. Call	AA-	150,524
3,000	0.000%, 1/01/37 – FGIC Insured Chicago, Illinois, General Obligation Bonds, Refunding Series 2005A, 5.000%, 1/01/17 –	No Opt. Call 4/16 at 100.00	AA-	1,030,110 200,792
200	AGM Insured Chicago, Illinois, General Obligation Bonds,	47 10 at 100.00	7171	200,792
2,800	Refunding Series 2005A, 5.000%, 1/01/17 (Pre-refunded 2/20/16) – AGM Insured Illinois Finance Authority, Revenue Bonds,	2/16 at 100.00	AA (4)	2,807,672
5,035	Northwestern Memorial Hospital, Series 2009A, 6.000%, 8/15/39	8/19 at 100.00	AA+	5,867,336
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	A (4)	4,204,690
5,000	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009A, 7.250%, 11/01/38 (Pre-refunded 11/01/18)	11/18 at 100.00	Aaa	5,874,300
3,940	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	4,026,207

615	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/42	10/23 at 100.00	A	714,267
1,045	Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation Bonds, Capital Appreciation Series 2004, 0.000%, 11/01/23 – FGIC Insured	No Opt. Call	AA-	839,271
26,750	Total Illinois Indiana – 7.2%			27,027,031
5,000	Indiana – 7.2% Indiana Finance Authority, Hospital Revenue Bonds, Deaconess Hospital Obligated Group, Series 2009A, 6.750%, 3/01/39 (Pre-refunded 3/01/19)	3/19 at 100.00	AA- (4)	5,891,600
3,600	Indiana Health and Educational Facilities Financing Authority, Revenue Bonds, Sisters of Saint Francis Health Services Inc., Series 2006E, 5.250%, 5/15/41 – AGM Insured Indiana Health Facility Financing Authority,	5/18 at 100.00	Aa3	3,822,192
1,770	Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37 Indiana Health Facility Financing Authority,	3/17 at 100.00	A+	1,837,933
1,880	Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37	3/17 at 100.00	N/R (4)	1,981,915
2,000	(Pre-refunded 3/01/17) Indiana Municipal Power Agency, Power Supply System Revenue Bonds, Series 2009B, 6.000%, 1/01/39 Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/25	1/19 at 100.00	A+	2,271,740
1,500	_	No Opt. Call	AA	1,209,990
15,750	AMBAC Insured Total Indiana Iowa – 2.0% Layra Financa Authority Jayra Midwestern			17,015,370
1,545	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.500%, 12/01/22 Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series	12/18 at 100.00	ВВ-	1,626,452
3,075	2005C,	4/16 at 100.00	B+	2,987,547
4,620	5.375%, 6/01/38 Total Iowa Kansas – 0.0%			4,613,999
120	Tambus 01070	No Opt. Call	A-	90,112

	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special			
	Obligation Capital			
	Appreciation Revenue Bonds Redevelopment			
	Project Area B – Major Multi-Sport Athletic			
	Complex			
	Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21			
	Louisiana – 7.0%			
	Louisiana Citizens Property Insurance			
5 000	Corporation, Assessment Revenue Bonds,	C/10 -+ 100 00	A A	5 500 050
5,000	Series 2006C-3,	6/18 at 100.00	AA	5,588,950
	6.125%, 6/01/25 – AGC Insured			
	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation			
	Project,			
	Series 2007A:			
5,075	5.375%, 5/15/43	5/17 at 100.00	Baa1	5,293,986
200	5.500%, 5/15/47	5/17 at 100.00	Baa1	209,072
200	Louisiana Public Facilities Authority,	<i>2,17, <b>40</b> 100,000</i>	2001	200,072
	Revenue Bonds, Ochsner Clinic Foundation			
	Project,			
	Series 2007A:			
1,925	5.375%, 5/15/43 (Pre-refunded 5/15/17)	5/17 at 100.00	N/R (4)	2,044,716
75	5.500%, 5/15/47 (Pre-refunded 5/15/17)	5/17 at 100.00	N/R (4)	79,785
	St John Baptist Parish, Louisiana, Revenue			
	Bonds, Marathon Oil Corporation, Series			
3,255	2007A,	6/17 at 100.00	Baa1	3,249,727
1 7 700	5.125%, 6/01/37			16.166.226
15,530	Total Louisiana			16,466,236
	Maine – 1.9%			
	Maine Health and Higher Educational Facilities Authority, Revenue Bonds,			
3,335	Bowdoin College,	7/19 at 100.00	Aa2	4,494,780
3,333	Tender Option Bond Trust 2009-5B,	7/19 at 100.00	Aaz	4,494,700
	13.347%, 7/01/39 (IF) (5)			
	Maryland – 0.2%			
	Baltimore, Maryland, Senior Lien Convention			
	Center Hotel Revenue Bonds, Series 2006A:			
180	5.250%, 9/01/26 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	182,936
275	5.250%, 9/01/27 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	279,485
455	Total Maryland			462,421
	Massachusetts – 0.6%			
	Massachusetts Water Pollution Abatement			
	Trust, Pooled Loan Program Bonds, Tender			
1,000	Option Bond	8/19 at 100.00	AAA	1,390,580
	Trust 2015-XF2181, 13.558%, 8/01/38 (IF)			
	Michigan – 1.9%			
	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B,			
50	5.000%,	7/16 at 100.00	AA-	50,470
50	5.000 /0,	1110 at 100.00	$\Lambda\Lambda^{\perp}$	50,770

	7/01/33 – NPFG Insured Detroit, Michigan, Water Supply System Senior Lien Revenue Refunding Bonds,			
3,100	Series 2006D, 5.000%, 7/01/32 – AGM Insured Michigan State Building Authority, Revenue	7/16 at 100.00	AA	3,130,287
2,085	Bonds, Refunding Series 2006IA, 0.000%, 10/15/26 – AGM Insured	10/16 at 61.33	AA	1,267,326
5,235	Total Michigan Missouri – 1.1% Missouri Highways and Transportation			4,448,083
2,515	Commission, State Road Revenue Bonds, Refunding Senior Lien Series 2010C, 5.000%, 2/01/17 Nevada – 4.1% Clark County Water Reclamation District,	No Opt. Call	AAA	2,631,017
1,000	Nevada, General Obligation Water Bonds, Series 2009A, 5.250%, 7/01/34	7/19 at 100.00	AAA	1,132,520
5,415	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB	6,149,869
2,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2015,	12/24 at 100.00	AA+	2,345,760
8,415	5.000%, 6/01/39 Total Nevada New Jersey – 3.3%			9,628,149
1 250	New Jersey Economic Development Authority, School Facility Construction	N- O-4 C-11		1 202 175
1,250	Bonds, Series 2005K, 5.500%, 12/15/19 – AMBAC Insured New Jersey Educational Facilities Authority, Revenue Bonds, University of Medicine and Dentistry of New Jersey, Refunding Series 2009B:	No Opt. Call	A-	1,382,175
2,135	7.125%, 12/01/23 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	2,560,185
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19) New Jersey Transportation Trust Fund Authority, Transportation System Bonds,	6/19 at 100.00	N/R (4)	3,634,290
255	Series 2015AA, 5.250%, 6/15/41	6/25 at 100.00	A–	275,772
6,640	Total New Jersey New York – 2.4% Hudson Yards Infrastructure Corporation,			7,852,422
1,530	New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47 New York Liberty Development Corporation, Revenue Bonds, Goldman Sachs	2/17 at 100.00	A	1,589,563
3,000	Headquarters Issue,	No Opt. Call	A	3,841,860

	Series 2007, 5.500%, 10/01/37 Port Authority of New York and New Jersey,	12/20 at		
130	Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	100.00	BBB	151,889
4,660	Total New York Ohio – 5.6% American Municipal Power Ohio Inc., Prairie			5,583,312
5,000	State Energy Campus Project Revenue Bonds, Series 2009A, 5.750%, 2/15/39 (Pre-refunded 2/15/19) – AGC Insured Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue	2/19 at 100.00	AA (4)	5,737,600
0.115	Bonds, Senior Lien, Series 2007A-2:	6/17 at 100 00	D	1 007 602
2,115 5,910	5.875%, 6/01/30 6.500%, 6/01/47	6/17 at 100.00 6/17 at 100.00	В– В	1,907,603 5,635,894
13,025	Total Ohio Oklahoma – 0.9% Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series	0/17 at 100.00	В	13,281,097
2,150	2007, 5.125%, 9/01/37 Rhode Island – 1.5% Rhode Island Health and Educational Building Corporation, Hospital Financing	9/17 at 100.00	BBB-	2,226,089
3,000	Revenue Bonds, Lifespan Obligated Group Issue, Series 2009A, 7.000%, 5/15/39 South Carolina – 1.5% Piedmont Municipal Power Agency, South	5/19 at 100.00	BBB+	3,465,930
5,435	Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/29 – AMBAC Insured Texas – 6.8% Ennis Independent School District, Ellis County, Texas, General Obligation Bonds,	No Opt. Call	AA	3,612,971
3,550	Series 2006, 0.000%, 8/15/31 (Pre-refunded 8/15/16) Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier	8/16 at 46.64 10/23 at	Aaa	1,651,531
1,855	Series 2013A, 5.500%, 4/01/53 North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series	100.00	BBB+	2,090,808
915	2015B, 5.000%, 1/01/45 North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier,	1/25 at 100.00	A	1,051,893
5,435	Series 2008F,	1/18 at 100.00	A2 (4)	5,956,433

	5.750%, 1/01/38 (Pre-refunded 1/01/18) Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds,			
1,500	Series 2012, 5.000%, 12/15/32 Wichita Falls Independent School District,	No Opt. Call	A3	1,694,085
2,000	Wichita County, Texas, General Obligation Bonds, Series 2007, 5.000%, 2/01/23 (Pre-refunded 2/01/17) Wylie Independent School District, Collin County, Texas, General Obligation Bonds,	2/17 at 100.00	AAA	2,090,900
	School Building Series 2010:			
2,000	0.000%, 8/15/33	No Opt. Call	AAA	927,360
1,945	0.000%, 8/15/38	No Opt. Call	AAA	670,442
19,200	Total Texas			16,133,452
	Virgin Islands – 0.5% Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo	10/19 at		
1,000	Project,	100.00	Baa3	1,129,090
1,000	Series 2009A, 6.750%, 10/01/37 Virginia – 1.4% Chesapeake, Virginia, Transportation System	100.00	Dads	1,127,070
1,400	Senior Toll Road Revenue Bonds, Capital Appreciation Series 2012B, 0.000%, 7/15/40 Washington County Industrial Development	7/28 at 100.00	BBB	1,065,134
	Authority, Virginia, Hospital Revenue Bonds,			
2,000	Mountain	1/19 at 100.00	BBB+	2,289,500
	States Health Alliance, Series 2009C,			
	7.750%, 7/01/38			
3,400	Total Virginia			3,354,634
	Washington – 1.0% Chelan County Public Utility District 1, Washington, Columbia River-Rock Island			
3,330	Hydro-Electric System Revenue Refunding Bonds, Series 1997A, 0.000%, 6/01/29 – NPFG Insured	No Opt. Call	AA	2,231,100
1.500	West Virginia – 0.7% West Virginia Hospital Finance Authority, Hospital Revenue Bonds, West Virginia	C/22 - 4 100 00		1 720 005
1,500	United Health System Obligated Group, Refunding and Improvement Series 2013A, 5.500%, 6/01/44 Wisconsin – 5.7%	6/23 at 100.00	A	1,730,895
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/27 Wisconsin Health and Educational Facilities	2/22 at 100.00	A–	1,155,740
1.605	Authority, Revenue Bonds, ProHealth Care,	2/10 -+ 100 00	A . / 4\	1 000 040
1,605	Inc.	2/19 at 100.00	A+ (4)	1,882,842

	Obligated Group, Series 2009, 6.625%, 2/15/39 (Pre-refunded 2/15/19) Wisconsin State, General Fund Annual Appropriation Revenue Bonds, Refunding			
9,000	Series 2009A,	5/19 at 100.00	AA-	10,412,819
	6.000%, 5/01/36			
11,605	Total Wisconsin			13,451,401
	Total Long-Term Investments (cost			
\$ 242,965	\$195,131,071)			233,682,834
	Floating Rate Obligations – $(3.0)\%$			(7,125,000)
	Other Assets Less Liabilities – 4.2%			10,048,943
	Net Assets – 100%		\$	3 236,606,777

#### Fair Value Measurements

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

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

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

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

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

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ -	- \$233,682,834	\$ —	- \$233,682,834

#### **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.

As of January 31, 2016, the cost of investments was \$186,820,358.

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

Gross unrealized:

Appreciation \$39,910,716
Depreciation (173,240)
Net unrealized appreciation (depreciation) of investments \$39,737,476

- (1) All percentages shown in the Portfolio of Investments are based on net assets.
- (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) Ratings: Using the highest 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.
  - Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
- (4) securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
  - As of, or subsequent to, the end of the reporting period this security is non-income producing.
- (6) 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 (4) 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.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

#### 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 /s/ Kevin J. McCarthy

and Title)

Kevin J. McCarthy

Vice President and Secretary

Date: March 31, 2016

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

By

(Signature /s/ Gifford R. Zimmerman

and Title)

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: March 31, 2016

By

(Signature /s/ Stephen D. Foy

and Title)

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: March 31, 2016