Nuveen New York Municipal Value Fund 2 Form N-Q February 29, 2016

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

#### FORM N-Q

# QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22271

Nuveen New York Municipal Value Fund 2 (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: 9/30

Date of reporting period: 12/31/15

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 New York Municipal Value Fund 2 (NYV) December 31, 2015 (Unaudited)		
Principal Amount (000)	Description (1) LONG-TERM INVESTMENTS – 98.9% (100.0% of Total Investments)	Optional Call Provisions (2)	Ratings (3)Value
	MUNICIPAL BONDS – 98.9% (100.0% of Total Investments)		
\$ 1,350	Consumer Staples – 4.5% (4.5% of Total Investments) District of Columbia Tobacco Settlement Corporation, Tobacco Settlement AssetBacked Bonds, Series 2001, 6.500%, 5/15/33 Education and Civic Organizations – 12.6%	No Opt. Call	Baa1 \$ 1,678,550
1,200	(12.7% of Total Investments) Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/37 Buffalo and Erie County Industrial Land	4/17 at 100.00	B 995,292
270	Development Corporation, New York, Revenue Bonds, Enterprise Charter School Project, Series 2011A, 6.000%, 12/01/19	No Opt. Call	В 276,240
100	Dormitory Authority of the State of New York, General Revenue Bonds, Saint Johns University, Series 2013A, 5.000%, 7/01/44	7/23 at 100.00	A– 112,486
200	Dormitory Authority of the State of New York, Revenue Bonds, New York University, Series 2015A, 5.000%, 7/01/35	No Opt. Call	AA- 235,840
1,000	Dormitory Authority of the State of New York, Revenue Bonds, Non State Supported Debt, Cornell University, Series 2010A, 5.000%, 7/01/40 Hempstead Town Local Development	7/20 at 100.00	Aa1 1,136,580
100	Corporation, New York, Revenue Bonds, Adelphi University	9/23 at 100.00	A– 112,800

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	Project, Series 2013, 5.000%, 9/01/38 New York City Industrial Development			
4,895	Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 0.000%, 3/01/40 – AGC Insured	No Opt. Call	AA	1,872,240
7,765	Total Education and Civic Organizations Financials – 1.0% (1.0% of Total Investments) New York Liberty Development Corporation, Revenue Bonds, Goldman Sachs Headquarters			4,741,478
300	Issue, Series 2007, 5.500%, 10/01/37 Health Care – 2.5% (2.6% of Total Investments Dormitory Authority of the State of New York, Highland Hospital of Rochester Revenue	No Opt. Call	А	375,006
50	Bonds, Series 2010, 5.000%, 7/01/26 Dormitory Authority of the State of New York, Orange Regional Medical Center Obligated Group Revenue Bonds, Series 2008:	7/20 at 100.00 12/18 at	А	56,150
285	6.500%, 12/01/21	100.00 12/18 at	Ba1	319,516
140	6.125%, 12/01/29	100.00 12/18 at	Ba1	152,926
245	6.250%, 12/01/37 Yonkers Industrial Development Agency, New York, Revenue Bonds, St. John's Riverside	100.00	Ba1	267,214
160	Hospital, Series 2001B, 7.125%, 7/01/31	1/16 at 100.00	BB-	160,310
880	Total Health Care Housing/Multifamily – 8.1% (8.2% of Total Investments) New York City Housing Development			956,116
1,500	Corporation, New York, FNMA Backed Progress of Peoples Development Multifamily Rental Housing Revenue Bonds, Series 2005B, 4.950%, 5/15/36 (Alternative Minimum Tax) New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series	5/16 at 100.00	AA+	1,515,495
1,000	2009A, 5.250%, 11/01/41 New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series	5/19 at 100.00	Aa2	1,046,860
450	2009B, 4.500%, 11/01/29	5/19 at 100.00	Aa2	469,935
2,950	Total Housing/Multifamily Industrials – 1.7% (1.7% of Total Investments)			3,032,290
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	Build New York City Resource Corporation, New York, Solid Waste Disposal Revenue			
25	Bonds, Pratt Paper NY, Inc. Project, Series 2014, 5.000%, 1/01/35 (Alternative Minimum Tax) Naw York Liberty Development Corporation	1/25 at 100.00	N/R	26,951
	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World	11/24 at		
580	Trade	100.00	N/R	600,950
	Center Project, Class 1 Series 2014, 5.000%, 11/15/44			
605	Total Industrials Tax Obligation/General – 1.2% (1.2% of Total Investments) Yonkers, New York, General Obligation Bonds, Refunding Series 2011A, 5.000%,			627,901
400	10/01/24 –			
		10/21 at		
	AGM Insured Tax Obligation/Limited – 27.7% (28.0% of Total Investments)	100.00	AA	460,812
1,200	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Education Series 2009A, 5.000%, 3/15/38 Dormitory Authority of the State of New York,	3/19 at 100.00	AAA	1,335,732
	State Personal Income Tax Revenue Bonds,			
560	General Purpose Series 2015B Group C, 5.000%, 2/15/38	2/25 at 100.00	AAA	652,428
1,800	Dormitory Authority of the State of New York, State Sales Tax Revenue Bonds, Series 2015B. Group A,B&C, 5.000%, 3/15/35	9/25 at 100.00	AAA	2,148,784
	Guam Government, Limited Obligation Section 30 Revenue Bonds, Series 2009A,	12/19 at		
1,200	5.750%, 12/01/34 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 5.000%,	100.00	BBB+	1,337,496
1,710	2/15/47 New York City Transitional Finance Authority,	2/17 at 100.00	А	1,772,501
1,500	New York, Building Aid Revenue Bonds, Fiscal Series 2009-S5, 5.250%, 1/15/39 New York City Transitional Finance Authority,	1/19 at 100.00	AA	1,662,435
300	New York, Future Tax Secured Bonds, Subordinate Fiscal 2014 Series D-1, 5.000%, 2/01/35	2/24 at 100.00	AAA	349,920
	New York State Urban Development Corporation, State Personal Income Tax			
1,000	Revenue Bonds, Tender Option Bond Trust 09-6W, 13.457%, 3/15/37 (IF) (4)	3/17 at 100.00	AAA	1,141,970
9,270	Total Tax Obligation/Limited			10,401,266

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1,000	Transportation – 11.7% (11.9% of Total Investments) Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A, 5.000%, 1/15/42 – AGM Insured	1/24 at 100.00	AA	1,105,040
	New York City Industrial Development Agency, New York, American Airlines-JFK International Airport Special Facility Revenue Bonds, Series 2005:			
100	7.500%, 8/01/16 (Alternative Minimum Tax)	No Opt. Call	N/R	102,367
500	7.750%, 8/01/31 (Alternative Minimum Tax)	8/16 at 101.00	N/R	522,000
	New York City Industrial Development	10/17		
2 000	Agency, New York, Civic Facility Revenue	10/17 at 100.00	N/R	710.020
2,000	Bonds, Bronx Parking Development Company, LLC Project, Series 2007, 5.750%, 10/01/37 (5)	100.00	IN/K	719,980
	New York Liberty Development Corporation,			
	New York, Liberty Revenue Bonds, 4 World	11/21 at		
155	Trade Center Project, Series 2011, 5.000%, 11/15/44	100.00	A+	173,341
	Port Authority of New York and New Jersey,			
	Special Project Bonds, JFK International Air			
	Terminal LLC Project, Eighth Series 2010:			
180	6.500%, 12/01/28	3/16 at 100.00 12/20 at	BBB	180,902
140	6.000%, 12/01/36	100.00	BBB	164,090
	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds,	- 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
1,325	Refunding Series 2008A, 5.000%, 11/15/33	5/18 at 100.00	AA-	1,442,170
5,400	Total Transportation			4,409,890
5,100	U.S. Guaranteed – 19.8% (20.0% of Total Investments) (6)			-,-02,020
	Albany Capital Resource Corporation, New	11/20 at		
290	York, St. Peter's Hospital Project, Series 2011, 6.000%, 11/15/25 (Pre-refunded 11/15/20) Delaware County Hospital Authority, Indiana,	100.00	N/R (6)	355,180
	Hospital Revenue Bonds, Cardinal Health			
700	System,	8/16 at 100.00	N/R (6)	718,683
	Series 2006, 5.000%, 8/01/24 (Pre-refunded 8/01/16)			
	Dormitory Authority of the State of New York,			
1 000	Lease Revenue Bonds, State University	7/17 at 100.00	$\Lambda_{a}$	1 062 070
1,000	Dormitory Facilities, Series 2007, 5.000%, 7/01/37	//1/ at 100.00	Aa2 (6)	1,063,970
	(Pre-refunded 7/01/17)			
	Dormitory Authority of the State of New York,			
	Revenue Bonds, North Shore Long Island	11/16 at		
1,500	Jewish	100.00	A3 (6)	1,557,225

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	Obligated Group, Series 2006B, 5.000%, 11/01/34 (Pre-refunded 11/01/16) Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island			
1,500	Jewish Obligated Group, Series 2009A, 5.500%, 5/01/37 (Pre-refunded 5/01/19) Dormitory Authority of the State of New York,	5/19 at 100.00	A (6)	1,720,110
1,010	Revenue Bonds, NYU Hospitals Center, Series 2007B, 5.625%, 7/01/37 (Pre-refunded 7/01/17)	7/17 at 100.00	A3 (6)	1,083,861
150	Erie County Industrial Development Agency, New York, Revenue Bonds, Orchard Park CCRC Inc. Project, Series 2006A, 6.000%, 11/15/36	11/16 at 100.00	N/R (6)	157,211
725	(Pre-refunded 11/15/16) Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2007A, 5,750%	11/17 at	A (6)	790 509
725	5.750%, 11/15/37 (Pre-refunded 11/15/17)	100.00	A (6)	789,598
6,875	Total U.S. Guaranteed Utilities – 5.4% (5.4% of Total Investments)			7,445,838
	Guam Power Authority, Revenue Bonds,	10/22 at		
25	Series 2012A, 5.000%, 10/01/34 Long Island Power Authority, New York, Electric System General Revenue Bonds,	100.00	BBB	27,283
285	Series 2014A, 5.000%, 9/01/44	9/24 at 100.00	A–	322,167
605	Niagara Area Development Corporation, New York, Solid Waste Disposal Facility Revenue Refunding Bonds, Covanta Energy Project, Series 2012A, 5.250%, 11/01/42	No Opt. Call	BB+	610,463
	Utility Debt Securitization Authority, New	12/23 at		
905	York, Restructuring Bonds, Series 2013TE, 5.000%, 12/15/41	100.00	AAA	1,054,524
1,820	Total Utilities Water and Sewer – 2.7% (2.8% of Total Investments) New York City Municipal Water Finance			2,014,437
900	Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2012 Series BB, 5.000%, 6/15/44	12/21 at 100.00	AA+	1,028,115
\$ 38,515	Total Long-Term Investments (cost \$32,856,751) Other Assets Less Liabilities – 1.1%			37,171,699 419,936
	Net Assets Applicable to Common Shares – 100%			\$ 37,591,635

#### Fair Value Measurements

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

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

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

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

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities. The following is a summary of each 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	\$ —	\$37,171,699	\$ —	- \$37,171,699

#### 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 the 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 December 31, 2015, the cost of investments was \$32,548,704.

Gross unrealized appreciation and gross unrealized depreciation of investments as of December 31, 2015, were as follows:

Gross unrealized:	
Appreciation	\$ 5,037,042
Depreciation	(414,047)
Net unrealized appreciation (depreciation) of investments	\$ 4,622,995

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) 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.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (5) On April 1, 2013, the Fund's Adviser determined it was unlikely that this borrower would fulfill its entire obligation on this security, and therefore reduced the security's interest rate of accrual from 5.750% to 2.300%.
- (6) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (IF) Inverse floating rate investment.

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 New York Municipal Value Fund 2

By (Signature /s/ Kevin J. McCarthy and Title) Kevin J. McCarthy Vice President and Secretary

Date: February 29, 2016

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

## By (Signature /s/ Gifford R. Zimmerman and Title) Gifford R. Zimmerman Chief Administrative Officer (principal executive officer) Date: February 29, 2016

By (Signature /s/ Stephen D. Foy and Title)

e) Stephen D. Foy Vice President and Controller (principal financial officer)

Date: February 29, 2016