

Nuveen New York Municipal Value Fund 2
Form N-Q
August 29, 2012

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: 6/30/12

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 (Unaudited)
 Nuveen New York Municipal Value Fund 2, Inc. (NYV)
 June 30, 2012

Principal Amount (000)	Description (1)	Optional Call Provisions	(2) Ratings	(3) Value
	Consumer Staples – 4.0% (4.0% of Total Investments)			
\$ 1,350	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2001, 6.500%, 5/15/33	No Opt. Call	Baa1	\$ 1,495,355
	Education and Civic Organizations – 10.2% (10.3% of Total Investments)			
1,200	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/37	4/17 at 100.00	BBB–	1,123,896
380	Buffalo and Erie County Industrial Land Development Corporation, New York, Tax-Exempt Revenue Bonds, Enterprise Charter School Project, Series 2011A, 6.000%, 12/01/19	No Opt. Call	BBB	427,599
1,000	Dormitory Authority of the State of New York, Lease Revenue Bonds, State University Dormitory Facilities, Series 2007, 5.000%, 7/01/37	7/17 at 100.00	Aa2	1,086,840
4,895	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 0.000%, 3/01/40 – AGC Insured	No Opt. Call	AA–	1,198,590
7,475	Total Education and Civic Organizations			3,836,925
	Health Care – 21.0% (21.3% of Total Investments)			
290	Albany Capital Resource Corporation, New York, St. Peter’s Hospital Project, Series 2011, 6.000%, 11/15/25	11/20 at 100.00	A3	342,493
500	Dormitory Authority of the State of New York, FHA-Insured Revenue Bonds, St. Lukes Roosevelt Hospital, Series 2005, 4.900%, 8/15/31	8/15 at 100.00	N/R	525,440
50	Dormitory Authority of the State of New York, Highland Hospital of Rochester Revenue Bonds, Series 2010, 5.000%, 7/01/26	7/20 at 100.00	A2	54,414
1,000	Dormitory Authority of the State of New York, Insured Revenue Bonds, Franciscan Health Partnership Obligated Group – Frances Shervier Home and Hospital, Series 1997, 5.500%, 7/01/27 – RAAI Insured	1/13 at 100.00	A3	1,000,930
85	Dormitory Authority of the State of New York, Orange Regional Medical Center Obligated Group	12/18 at 100.00	Ba1	91,787

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	Revenue Bonds, Series 2008, 6.250%, 12/01/37			
1,500	Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island Jewish Obligated Group, Series 2006B, 5.000%, 11/01/34	11/16 at 100.00	A3	1,577,745
1,500	Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island Jewish Obligated Group, Series 2009A, 5.500%, 5/01/37	5/19 at 100.00	A-	1,683,405
1,010	Dormitory Authority of the State of New York, Revenue Bonds, NYU Hospitals Center, Series 2007B, 5.625%, 7/01/37	7/17 at 100.00	A-	1,091,628
700	Hospital Authority of Delaware County, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.000%, 8/01/24	8/16 at 100.00	Baa2	740,670
725	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2007A, 5.750%, 11/15/37	11/17 at 100.00	A	784,537
7,360	Total Health Care Housing/Multifamily – 13.1% (13.3% of Total Investments)			7,893,049
1,500	New York City Housing Development Corporation, New York, FNMA Backed Progress of Peoples Development Multifamily Rental Housing Revenue Bonds, Series 2005B, 4.950%, 5/15/36 (Alternative Minimum Tax)	11/15 at 100.00	AA+	1,542,870
1,800	New York City Housing Development Corporation, New York, Multifamily Housing Revenue Bonds, Series 2004-H2, 5.125%, 11/01/34 (Alternative Minimum Tax)	11/14 at 100.00	AA	1,839,528
1,000	New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series 2009A, 5.250%, 11/01/41	5/19 at 100.00	Aa2	1,059,360
450	New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series 2009B, 4.500%, 11/01/29	5/19 at 100.00	Aa2	478,548
4,750	Total Housing/Multifamily Tax Obligation/General – 5.6% (5.7% of Total Investments)			4,920,306
1,500	New York City, New York, General Obligation Bonds, Fiscal 2009 Series J1, 5.000%, 5/15/36	5/19 at 100.00	AA	1,658,130
400	Yonkers, New York, General Obligation Bonds, Series 2011A, 5.000%, 10/01/24 – AGM Insured	10/21 at 100.00	AA-	441,968
1,900	Total Tax Obligation/General Tax Obligation/Limited – 29.7% (30.1% of Total Investments)			2,100,098
1,200	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Education Series 2009A, 5.000%, 3/15/38	3/19 at 100.00	AAA	1,340,604
1,200	Guam Government, Limited Obligation Section 30 Revenue Bonds, Series 2009A, 5.750%, 12/01/34	12/19 at 100.00	BBB+	1,277,052
1,710	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47	2/17 at 100.00	A	1,787,754
1,000	New York City Sales Tax Asset Receivable Corporation, New York, Dedicated Revenue Bonds, Local Government Assistance Corporation, Series 2004A: 5.000%, 10/15/26 – AGM Insured		AAA	1,084,660

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		10/14 at 100.00		
1,000	5.000%, 10/15/32 – AGM Insured New York City Transitional Finance Authority, New York, Building	10/14 at 100.00	AAA	1,090,400
1,500	Aid Revenue Bonds, Fiscal Series 2009-S5, 5.250%, 1/15/39 New York State Urban Development Corporation, State Personal	1/19 at 100.00	AA–	1,667,610
1,000	Income Tax Revenue Bonds, Tender Option Bond Trust 09-6W, 13.668%, 3/15/37 (IF), (4) Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue	3/17 at 100.00	AAA	1,241,830
1,500	Bonds, First Subordinate Series 2009A, 6.000%, 8/01/42	8/19 at 100.00	A+	1,677,150
10,110	Total Tax Obligation/Limited Transportation – 11.0% (11.1% of Total Investments) New York City Industrial Development Agency, New York, American Airlines-JFK International Airport Special Facility Revenue Bonds, Series 2005:			11,167,060
500	7.500%, 8/01/16 (Alternative Minimum Tax)	No Opt. Call	N/R	530,735
500	7.750%, 8/01/31 (Alternative Minimum Tax) New York City Industrial Development Agency, New York, Civic	8/16 at 101.00	N/R	530,725
2,000	Facility Revenue Bonds, Bronx Parking Development Company, LLC Project, Series 2007, 5.750%, 10/01/37 New York Liberty Development Corporation, Liberty Revenue	10/17 at 100.00	N/R	1,048,980
155	Bonds, 4 World Trade Center Project, Series 2011, 5.000%, 11/15/44 Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010:	11/21 at 100.00	A+	167,456
180	6.500%, 12/01/28	12/15 at 100.00	BBB–	194,044
140	6.000%, 12/01/36 Triborough Bridge and Tunnel Authority, New York, General	12/20 at 100.00	BBB–	157,294
1,325	Purpose Revenue Bonds, Refunding Series 2008A, 5.000%, 11/15/33	5/18 at 100.00	AA–	1,482,317
4,800	Total Transportation U.S. Guaranteed – 1.5% (1.5% of Total Investments) (5) Wisconsin Health and Educational Facilities Authority, Revenue			4,111,551
500	Bonds, ProHealth Care, Inc. Obligated Group, Series 2009, 6.625%, 2/15/32 (Pre-refunded 2/18/14) Water and Sewer – 2.7% (2.7% of Total Investments)	2/14 at 100.00	A+ (5)	550,445
900	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2012 Series BB, 5.000%, 6/15/44 Total Investments (cost \$32,347,304) – 98.8%	12/21 at 100.00	AA+	996,074
				37,070,863

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\$
39,145

Other Assets Less Liabilities – 1.2% (6)

464,939

Net Assets Applicable to Common Shares – 100%

\$
37,535,802

Investments in Derivatives at June 30, 2012

Forward Swaps
outstanding:

Counterparty	Notional Amount	Fund	Floating Rate	Fixed	Fixed Rate	Effective	Termination	Unrealized
		Pay/Receive	Index	Rate*	Payment	Date (7)	Date (Depreciation)	Appreciation
Barclays Bank PLC	\$2,750,000	Receive	3-Month USD-LIBOR	3.190%	Semi-Annually	4/30/14	4/30/34	\$(250,663)

*Annualized.

Derivative Instruments and Hedging Activities

The Fund records derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Fund's investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes.

The following table presents the fair value of all derivative instruments held by the Fund as of June 30, 2012, the location of these instruments on the Statement of Assets and Liabilities, and the primary underlying risk exposure.

Fair Value Measurements

Fair value is defined as the price that the Fund would receive 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 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	\$—	\$37,070,863	\$—	\$37,070,863
Derivatives:				

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Forward Swaps*	—	(250,663)	—	(250,663)
Total	\$—	\$36,820,200	\$—	\$36,820,200

* Represents net unrealized appreciation (depreciation) as reported in the Fund's Portfolio of Investments.

During the period ended June 30, 2012, the Fund recognized no significant transfers to or from Level 1, Level 2 or Level 3.

Underlying Risk Exposure	Derivative Instrument	Asset Derivatives Location	Location on the Statement of Assets and Liabilities		Value
			Value	Location	
Interest Rate	Forward Swaps	—	\$ —	Unrealized depreciation on forward swaps	\$(250,663)

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.

At June 30, 2012, the cost of investments (excluding investments in derivatives) was \$32,227,327.

Gross unrealized appreciation and gross unrealized depreciation of investments (excluding investments in derivatives) at June 30, 2012, were as follows:

Gross unrealized:	
Appreciation	\$4,920,433
Depreciation	(76,897)
Net unrealized appreciation (depreciation) of investments	\$4,843,536

- (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) 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 derivatives and/or inverse floating rate transactions.
 - (5) 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.
 - (6) Other Assets Less Liabilities includes the Unrealized Appreciation (Depreciation) of derivative instruments as noted within Investments in Derivatives at June 30, 2012.
 - (7) Effective date represents the date on which both the Fund and Counterparty commence interest payment accruals on each forward swap contract.
- N/R Not rated.
- (IF) Inverse floating rate investment.
- USD-LIBOR United States Dollar-London Inter-Bank Offered Rate.
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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 New York Municipal Value Fund 2

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

Date: August 29, 2012

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/ Gifford R. Zimmerman
Gifford R. Zimmerman
Chief Administrative Officer (principal executive officer)

Date: August 29, 2012

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

Date: August 29, 2012