

Invesco Van Kampen Trust for Investment Grade New York Municipals
Form N-Q
July 30, 2012

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT
INVESTMENT COMPANY**

**Investment Company Act file number 811-06537
Invesco Van Kampen Trust for Investment Grade New York Municipals**

(Exact name of registrant as specified in charter)

1555 Peachtree Street, N.E., Atlanta, Georgia 30309

(Address of principal executive offices) (Zip code)

Colin Meadows 1555 Peachtree Street, N.E., Atlanta, Georgia 30309

(Name and address of agent for service)

Registrant's telephone number, including area code: (713) 626-1919

Date of fiscal year end: 2/28

Date of reporting period: 5/31/12

Item 1. Schedule of Investments.

**Invesco Van Kampen Trust for Investment
Grade New York Municipals**
Quarterly Schedule of Portfolio Holdings
May 31, 2012

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VK-CE-IGNYM-QTR-1 05/12

Invesco Advisers, Inc.

Schedule of Investments

May 31, 2012

(Unaudited)

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Municipal Obligations 158.91%				
New York 146.14%				
Albany (City of) Industrial Development Agency (St. Peter s Hospital); Series 2008 D, Civic Facility RB	5.75%	11/15/27	\$ 1,000	\$ 1,113,790
Albany Capital Resource Corp. (St. Peter s Hospital); Series 2011, RB	6.25%	11/15/38	1,860	2,174,414
Battery Park City Authority; Series 2009 B, Sr. RB	5.00%	11/01/34	3,200	3,819,680
Brooklyn Arena Local Development Corp. (Barclays Center); Series 2009, PILOT CAB RB ^(a)	0.00%	07/15/34	6,700	2,085,911
Series 2009, PILOT RB	6.25%	07/15/40	825	926,855
Series 2009, PILOT RB	6.38%	07/15/43	825	931,772
Chautauqua (County of) Industrial Development Agency (NRG Energy, Inc. Dunkirk Power LLC); Series 2009, Exempt Facility RB	5.88%	04/01/42	2,340	2,580,482
Dutchess (County of) Industrial Development Agency (Elant at Fishkill, Inc.); Series 2007 A, Civic Facility RB	5.25%	01/01/37	920	813,041
East Rochester (Village of) Housing Authority (Woodland Village, Inc.); Series 2006, Ref. Senior Living RB	5.50%	08/01/33	2,400	2,292,960
Erie (County of) Industrial Development Agency (City of Buffalo School District); Series 2011 A, School Facility RB ^(b)	5.25%	05/01/28	2,500	2,912,700
Series 2011 A, School Facility RB ^(b)	5.25%	05/01/30	2,305	2,664,142
Essex (County of) Industrial Development Agency (International Paper); Series 2005 A, Ref. Solid Waste Disposal RB ^(c)	5.20%	12/01/23	2,150	2,209,663
Hempstead Town Local Development Corp. (Molloy College); Series 2009, RB	5.75%	07/01/39	2,655	2,921,004
Hudson Yards Infrastructure Corp.; Series 2011 A, RB	5.75%	02/15/47	1,695	1,954,911
Long Island Power Authority; Series 2006 E, Electric System General RB	5.00%	12/01/17	1,975	2,302,337
Series 2009 A, Electric System General RB	6.25%	04/01/33	1,860	2,251,344
Madison (County of) Industrial Development Agency (Morrisville State College Foundation); Series 2005 A, Civic Facility RB (INS-CIFG) ^(d)	5.00%	06/01/28	1,000	1,013,010
	5.50%	02/01/32	750	763,350

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Madison (County of) Industrial Development Agency (Oneida Health Systems, Inc.); Series 2007, Civic Facility RB				
Metropolitan Transportation Authority; Series 2005 B, RB (INS-BHAC) ^{(b)(d)}	5.00%	11/15/31	10,000	11,122,400
Series 2009 B, Dedicated Tax Fund RB	5.25%	11/15/27	1,535	1,784,775
Subseries 2011 B-2, Dedicated Tax Fund RB	5.00%	11/15/32	1,000	1,155,120
Monroe County Industrial Development Corp. (Nazareth College of Rochester); Series 2011, RB	5.50%	10/01/41	700	767,074
Monroe County Industrial Development Corp. (University of Rochester); Series 2011 A, RB	5.00%	07/01/36	1,605	1,779,704
Nassau (County of) Industrial Development Agency (Amsterdam at Harborside); Series 2007 A, Continuing Care Retirement Community RB	6.70%	01/01/43	5,000	3,262,450
New York & New Jersey (States of) Port Authority (JFK International Air Terminal LLC); Series 1997, Special Obligation RB (INS-NATL) ^{(c)(d)}	5.75%	12/01/22	2,000	2,000,420
Series 1997 6, Special Obligation RB (INS-NATL) ^{(c)(d)}	5.75%	12/01/25	2,500	2,500,275
Series 2010, Special Obligation RB	6.00%	12/01/42	1,540	1,713,635
New York & New Jersey (States of) Port Authority; One Hundred Fifty-Second Series 2008, Consolidated RB ^{(b)(c)}	5.00%	11/01/25	10,000	11,056,700
One Hundred Forty-Fourth Series 2006, Consolidated RB ^(b)	5.00%	10/01/35	10,000	11,334,700
New York (City of) Industrial Development Agency (IAC/InterActive Corp.); Series 2005, Liberty RB	5.00%	09/01/35	3,440	3,525,415
New York (City of) Industrial Development Agency (New York Stock Exchange); Series 2009 A, Ref. Special Facility RB	5.00%	05/01/21	2,445	2,873,755
New York (City of) Industrial Development Agency (Polytechnic University); Series 2007, Ref. Civic Facility RB (INS-ACA) ^(d)	5.25%	11/01/37	3,500	3,673,845
New York (City of) Industrial Development Agency (Staten Island University Hospital); Series 2001 B, Civic Facility RB ^{(e)(f)}	6.38%	07/01/12	1,670	1,678,400

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
New York (City of) Industrial Development Agency (Terminal One Group Association, L.P.);				
Series 2005, Special Facility RB ^{(c)(g)}	5.50%	01/01/19	\$ 3,710	\$ 4,026,092
Series 2005, Special Facility RB ^{(c)(g)}	5.50%	01/01/20	3,000	3,225,960
Series 2005, Special Facility RB ^{(c)(g)}	5.50%	01/01/21	4,000	4,288,680
New York (City of) Industrial Development Agency (YMCA of Greater New York); Series 1997, Civic Facility RB				
	5.80%	08/01/16	920	922,861
New York (City of) Municipal Water Finance Authority;				
Series 2005 C, Water & Sewer System RB ^(b)	5.00%	06/15/31	10,000	11,046,900
Series 2005 D, Water & Sewer System RB ^(b)	5.00%	06/15/37	12,000	13,188,480
Series 2009 FF-2, Water & Sewer System RB	5.50%	06/15/40	1,500	1,730,685
New York (City of) Transitional Finance Authority;				
Series 2008 S-1, Building Aid RB	5.50%	07/15/38	2,950	3,348,102
Series 2008 S-2, Building Aid RB	6.00%	07/15/33	1,350	1,592,703
Series 2009 S-3, Building Aid RB ^(b)	5.25%	01/15/27	4,500	5,219,550
Series 2009 S-3, Building Aid RB ^(b)	5.25%	01/15/39	2,000	2,237,160
Subseries 2011 D-1, Future Tax Sec. RB ^(b)	5.00%	11/01/33	12,000	13,844,040
Subseries 2011 E, Future Tax Sec. RB	5.00%	11/01/24	1,135	1,373,940
New York (City of) Trust for Cultural Resources (American Museum of Natural History);				
Series 2004 A, Ref. RB (INS-NATL) ^{(b)(d)}	5.00%	07/01/44	10,890	11,216,264
New York (City of) Trust for Cultural Resources (Carnegie Hall); Series 2009 A, RB				
	5.00%	12/01/39	1,500	1,636,440
New York (City of) Trust for Cultural Resources (Lincoln Center); Series 2008 A-1, Ref. VRD RB (LOC-JP Morgan Chase & Co.) ^{(h)(i)}				
	0.20%	12/01/35	6,770	6,770,000
New York (City of) Trust for Cultural Resources (Museum of Modern Art); Series 2008 1A, Ref. RB				
	5.00%	04/01/31	1,550	1,728,963
New York (City of);				
Subseries 1993 A-7, VRD Unlimited Tax GO Bonds (LOC-JPMorgan Chase Bank, N.A.) ⁽ⁱ⁾				
	0.19%	08/01/20	1,000	1,000,000
Subseries 2008 F-1, Unlimited Tax GO Bonds	5.50%	11/15/28	3,300	3,859,977
Subseries 2008 I-1, Unlimited Tax GO Bonds ^(b)	5.00%	02/01/26	10,000	11,585,400
Subseries 2008 L-1, Unlimited Tax GO Bonds ^(b)	5.00%	04/01/27	10,000	11,249,400
Subseries 2009 I-1, Unlimited Tax GO Bonds	5.25%	04/01/32	4,000	4,631,080
New York (State of) Dormitory Authority (Brooklyn Law School); Series 2003 B, RB (INS-SGI) ^(d)				
	5.38%	07/01/23	2,340	2,412,563
New York (State of) Dormitory Authority (Catholic Health Services of Long Island St. Francis Hospital); Series 2004, RB				
	5.00%	07/01/27	2,200	2,251,876

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New York (State of) Dormitory Authority (City of New York); Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(d)	5.50%	05/15/30	1,750	2,250,430
New York (State of) Dormitory Authority (Convent of The Sacred Heart); Series 2011, RB (INS-AGM) ^(d)	5.75%	11/01/40	1,255	1,477,537
New York (State of) Dormitory Authority (Cornell University); Series 2010 A, RB	5.00%	07/01/40	1,000	1,128,430
New York (State of) Dormitory Authority (Education); Series 2008 B, State Personal Income Tax RB	5.75%	03/15/36	2,150	2,560,800
New York (State of) Dormitory Authority (Fashion Institute of Technology Student Housing Corp.); Series 2007, RB (INS-NATL) ^(d)	5.25%	07/01/28	1,655	1,899,659
New York (State of) Dormitory Authority (Fordham University); Series 2008 B, RB (INS-AGC) ^(d)	5.00%	07/01/33	915	996,133
Series 2011 A, RB	5.13%	07/01/29	500	571,310
New York (State of) Dormitory Authority (General Purpose); Series 2011 A, State Personal Income Tax RB ^(b)	5.00%	03/15/30	2,400	2,807,736
New York (State of) Dormitory Authority (Maimonides Medical Center); Series 2004, Mortgage Hospital RB (INS-NATL) ^(d)	5.00%	08/01/33	1,950	2,085,369
New York (State of) Dormitory Authority (Manhattan College); Series 2007 A, RB (INS-Radian) ^(d)	5.00%	07/01/41	2,315	2,342,849
New York (State of) Dormitory Authority (Memorial Sloan-Kettering Cancer Center); Series 1998, RB (INS-NATL) ^(d)	5.50%	07/01/23	3,750	4,873,237
New York (State of) Dormitory Authority (Mount Sinai Hospital Obligated Group); Series 2011 A, RB	5.00%	07/01/31	1,695	1,850,635
New York (State of) Dormitory Authority (Mount Sinai School of Medicine of New York University); Series 2009, RB	5.13%	07/01/39	1,750	1,902,390
New York (State of) Dormitory Authority (New York University); Series 2001 1, RB (INS-AMBAC) ^(d)	5.50%	07/01/31	2,000	2,600,620

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
Series 2001 1, RB (INS-BHAC) ^(d) New York (State of) Dormitory Authority (North Shore Long Island Jewish Obligated Group);	5.50%	07/01/31	\$ 830	\$ 1,066,807
Series 2009 A, RB	5.50%	05/01/37	1,250	1,404,400
Subseries 2005 A, RB	5.00%	11/01/26	2,125	2,274,813
New York (State of) Dormitory Authority (Orange Regional Medical Center);				
Series 2008, RB	6.13%	12/01/29	1,000	1,087,770
Series 2008, RB	6.50%	12/01/21	3,000	3,412,710
New York (State of) Dormitory Authority (Pratt Institution); Series 2009 C, RB (INS-AGC) ^(d)	5.13%	07/01/39	600	650,688
New York (State of) Dormitory Authority (Rochester Institute of Technology); Series 2010, RB	5.00%	07/01/40	1,350	1,482,989
New York (State of) Dormitory Authority (Rockefeller University); Series 2010 A, RB	5.00%	07/01/41	1,500	1,696,065
New York (State of) Dormitory Authority (School Districts Financing Program);				
Series 2008 D, RB (INS-AGC) ^(d)	5.75%	10/01/24	2,000	2,399,480
Series 2011 A, RB	5.00%	10/01/25	950	1,105,990
New York (State of) Dormitory Authority (St. Joseph's College); Series 2010, RB	5.25%	07/01/35	1,000	1,098,980
New York (State of) Dormitory Authority (State University Educational Facilities);				
Series 1993 A, RB (INS-NATL) ^(d)	5.25%	05/15/15	3,600	3,938,148
Series 1993 B, RB	5.25%	05/15/19	5,010	5,778,434
New York (State of) Dormitory Authority (The New School);				
Series 2010, RB	5.50%	07/01/40	2,200	2,476,870
Series 2011, Ref. RB	5.00%	07/01/31	1,400	1,559,278
New York (State of) Dormitory Authority (Vassar College); Series 2007, RB	5.00%	07/01/46	1,670	1,789,288
New York (State of) Dormitory Authority; Series 1993 A, Second General City University System Consolidated RB	5.75%	07/01/13	1,320	1,354,267
Series 1995 A, City University System Consolidated RB	5.63%	07/01/16	3,000	3,365,910
Series 2007 A, Mental Health Services Facilities Improvement RB (INS-AGM) ^(d)	5.00%	02/15/27	2,000	2,176,520
Series 2008 C, Mental Health Services Facilities Improvement RB (INS-AGM) ^{(c)(d)}	5.25%	02/15/28	2,000	2,153,700
New York (State of) Mortgage Agency; Series 2007 145, Homeowner Mortgage RB ^(c)	5.05%	10/01/29	1,555	1,612,675
	5.00%	11/15/38	1,415	1,618,279

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New York (State of) Power Authority; Series 2011 A, RB				
New York (State of) Thruway Authority; Series 2008 B, Second General Highway & Bridge Trust Fund RB	5.00%	04/01/27	1,000	1,143,360
New York (State of) Urban Development Corp. (Rensselaer Polytechnic Institute Center for Industrial Innovation); Series 1995, Ref. RB	5.50%	01/01/13	440	449,046
New York City Health & Hospital Corp.; Series 2010 A, Health System RB	5.00%	02/15/30	2,230	2,489,996
New York Liberty Development Corp. (4 World Trade Center); Series 2011, Ref. Liberty RB	5.00%	11/15/31	1,695	1,901,773
New York Liberty Development Corp. (7 World Trade Center); Series 2012, Class 1, Ref. Liberty RB	5.00%	09/15/40	8,000	9,047,120
New York Liberty Development Corp. (Bank of America Tower at One Bryant Park); Series 2010, Ref. Second Priority Liberty RB	6.38%	07/15/49	2,230	2,513,991
New York State Environmental Facilities Corp. (2010 Master Financing Program); Series 2010 C, RB	5.00%	10/15/39	1,505	1,693,817
New York State Environmental Facilities Corp. (Municipal Water Finance Authority); Series 2011 B, State Clean Water & Drinking Water Revolving Funds RB	5.00%	06/15/31	1,270	1,496,746
New York State Environmental Facilities Corp. (New York City Municipal Water Finance Authority); Series 1994 A, State Water PCR ^(f)	5.75%	06/15/12	300	300,654
Series 1994 A, State Water PCR ^(f)	5.75%	06/15/12	500	501,090
Series 1994 A, State Water PCR	5.75%	06/15/12	95	95,207
New York State Urban Development Corp.; Series 1993 A, Ref. Correctional Facilities RB	5.50%	01/01/14	1,895	1,976,409
Series 2008 B, Ref. Service Contract RB	5.25%	01/01/25	2,000	2,272,880
Niagara Frontier Transportation Authority (Buffalo Niagara International Airport); Series 1999 A, Airport RB (INS-NATL) ^{(c)(d)}	5.63%	04/01/29	3,570	3,609,270
Oneida (County of) Industrial Development Agency (St. Elizabeth Medical Center Facility); Series 1999 B, Civic Facility RB	6.00%	12/01/19	1,180	1,181,215
Onondaga Civic Development Corp. (Le Moyne College); Series 2010, RB	5.38%	07/01/40	1,950	2,097,986

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
Rockland (County of) Solid Waste Management Authority; Series 2003 B, RB (INS-AMBAC) ^{(c)(d)}	5.13%	12/15/28	\$ 1,000	\$ 1,019,530
Rockland (County of); Series 2012, Limited TAN Saratoga (County of) Industrial Development Agency (Saratoga Hospital); Series 2007 B, Civic Facility RB	2.50%	03/06/13	845	850,408
Seneca (County of) Industrial Development Agency (Seneca Meadows, Inc.); Series 2005, RB ^{(c)(e)(g)(j)}	5.13%	12/01/27	1,000	1,046,810
Sodus Central School District; Series 2002, Ref. Unlimited Tax GO Bonds ^{(e)(f)}	6.63%	10/01/13	1,500	1,519,935
Suffolk (County of) Industrial Development Agency (Eastern Long Island Hospital Association); Series 2007, Civic Facility RB ⁽ⁱ⁾	5.13%	06/15/12	1,250	1,252,425
Suffolk County Economic Development Corp. (Peconic Landing at Southold, Inc.); Series 2010, Ref. RB	5.38%	01/01/27	1,950	1,825,337
Tompkins (County of) Industrial Development Agency (Cornell University); Series 2008 A, Civic Facility RB	6.00%	12/01/40	825	899,745
Troy Capital Resource Corp. (Rensselaer Polytechnic Institute); Series 2010 A, RB TSASC, Inc.;	5.00%	07/01/37	750	849,173
Series 2006 1, Tobacco Settlement Asset-Backed RB	5.00%	09/01/30	2,000	2,221,580
Series 2006 1, Tobacco Settlement Asset-Backed RB	5.00%	06/01/34	2,000	1,525,920
United Nations Development Corp.; Series 2009 A, Ref. RB	5.13%	06/01/42	1,660	1,227,719
Westchester (County of) Industrial Development Agency (Kendal on Hudson); Series 2003 A, Continuing Care Retirement Community Mortgage RB ^{(e)(f)}	5.00%	07/01/25	1,000	1,127,430
Westchester Tobacco Asset Securitization Corp.; Series 2005, Tobacco Settlement Asset-Backed RB	6.50%	01/01/13	3,000	3,110,400
Yonkers Economic Development Corp. (Charter School of Educational Excellence); Series 2010 A, Educational RB	5.13%	06/01/45	2,750	2,246,640
	6.25%	10/15/40	1,200	1,235,316
				349,927,274
Puerto Rico 8.71%				
Puerto Rico (Commonwealth of) Aqueduct & Sewer Authority; Series 2012 A, Sr. Lien RB	5.13%	07/01/37	2,000	2,009,300

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Puerto Rico (Commonwealth of) Electric Power Authority;				
Series 2008 WW, RB	5.00%	07/01/28	1,000	1,040,610
Series 2008 WW, RB	5.25%	07/01/33	1,500	1,556,400
Series 2008 WW, RB	5.50%	07/01/21	1,000	1,118,870
Series 2010 XX, RB	5.75%	07/01/36	600	659,496
Puerto Rico (Commonwealth of) Infrastructure Financing Authority; Series 2005 C, Ref. Special Tax RB (INS-AMBAC) ^(d)				
	5.50%	07/01/27	1,225	1,363,033
Puerto Rico (Commonwealth of) Public Buildings Authority; Series 2004 I, Government Facilities RB ^{(e)(f)}				
	5.25%	07/01/14	75	82,415
Puerto Rico Sales Tax Financing Corp.;				
First Subseries 2009 A, RB	5.75%	08/01/37	870	966,579
First Subseries 2009 A, RB	6.38%	08/01/39	1,500	1,757,175
First Subseries 2010 A, RB	5.38%	08/01/39	945	1,012,284
First Subseries 2010 C, RB	5.25%	08/01/41	1,000	1,062,310
Series 2011 C, RB ^(b)	5.00%	08/01/40	2,820	3,013,255
Series 2011 C, RB ^(b)	5.25%	08/01/40	4,695	5,204,126
				20,845,853
Guam 2.71%				
Guam (Territory of) (Section 30);				
Series 2009 A, Limited Obligation RB	5.63%	12/01/29	750	804,937
Series 2009 A, Limited Obligation RB	5.75%	12/01/34	500	537,275
Guam (Territory of) Power Authority; Series 2010 A, RB				
	5.50%	10/01/40	820	848,167
Guam (Territory of) Waterworks Authority; Series 2010, Water & Wastewater System RB				
	5.63%	07/01/40	3,000	3,045,930
Guam (Territory of); Series 2011 A, Business Privilege Tax RB				
	5.25%	01/01/36	1,125	1,251,619
				6,487,928
Virgin Islands 1.35%				
Virgin Islands (Government of) Public Finance Authority (Gross Receipts Taxes Loan Note);				
Series 1999 A, RB	6.38%	10/01/19	1,370	1,374,590
See accompanying notes which are an integral part of this schedule.				
Invesco Van Kampen Trust for Investment Grade New York Municipals				

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Virgin Islands (continued)				
Virgin Islands (Government of) Public Finance Authority (Matching Fund Loan Note Diageo); Series 2009 A, Sub. RB	6.63%	10/01/29	\$ 1,600	\$ 1,865,664
				3,240,254
TOTAL INVESTMENTS ^(k) 158.91% (Cost \$352,010,091)				380,501,309
Floating Rate Note Obligations (29.37)%				
Notes with interest rates ranging from 0.15% to 0.28% at 05/31/12, and contractual maturities of collat				