

Invesco Trust for Investment Grade New York Municipals
Form N-Q
July 29, 2016

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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 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)

Sheri Morris

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: 5/31/16

Item 1. Schedule of Investments.

**Invesco Trust for Investment Grade
New York Municipals**
Quarterly Schedule of Portfolio Holdings
May 31, 2016

invesco.com/us VK-CE-IGNYM-QTR-1 05/16

Invesco Advisers, Inc.

Schedule of Investments

May 31, 2016

(Unaudited)

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Municipal Obligations 156.51%				
New York 150.54%				
Albany (City of) Industrial Development Agency (St. Peter's Hospital); Series 2008 D, Civic Facility RB ^{(b)(c)}	5.75%	11/15/2017	\$ 1,000	\$ 1,073,310
Albany (County of) Airport Authority; Series 2010 A, Ref. RB (INS-AGM) ^(d)	5.00%	12/15/2025	500	568,615
Albany Capital Resource Corp. (St. Peter's Hospital); Series 2011, RB ^{(b)(c)}	6.25%	11/15/2020	2,360	2,889,655
Battery Park City Authority; Series 2009 B, Sr. RB	5.00%	11/01/2034	3,700	4,209,009
Brooklyn Arena Local Development Corp. (Barclays Center); Series 2009, PILOT CAB RB ^(e)	0.00%	07/15/2034	8,315	3,859,823
Series 2009, PILOT RB	6.25%	07/15/2040	1,565	1,801,284
Series 2009, RB	6.38%	07/15/2043	1,025	1,182,655
Buffalo & Erie County Industrial Land Development Corp. (Orchard Park); Series 2015, Ref. RB	5.00%	11/15/2037	2,465	2,769,945
Build NYC Resource Corp. (Bronx Charter School for Excellence); Series 2013 A, RB	5.50%	04/01/2043	1,260	1,362,526
Build NYC Resource Corp. (New York Law School); Series 2016, Ref. RB	5.00%	07/01/2041	2,085	2,396,311
Build NYC Resource Corp. (Pratt Paper Inc.); Series 2014, Ref. Solid Waste Disposal RB ^{(f)(g)}	5.00%	01/01/2035	2,700	2,951,667
Build NYC Resource Corp. (YMCA of Greater New York); Series 2012, RB	5.00%	08/01/2032	650	739,128
Series 2012, RB	5.00%	08/01/2042	2,250	2,516,310
Build NYC Resource Corp.; Series 2015, RB	5.00%	07/01/2045	2,840	3,293,520
East Rochester (Village of) Housing Authority (Woodland Village, Inc.); Series 2006, Ref. Senior Living RB	5.50%	08/01/2033	2,400	2,427,312
Erie (County of) Industrial Development Agency (City of Buffalo School District); Series 2011 A, School Facility RB ^(h)	5.25%	05/01/2028	2,500	2,963,150
Series 2011 A, School Facility RB ^(h)	5.25%	05/01/2030	2,710	3,166,581
Series 2011 A, School Facility RB ^(h)	5.25%	05/01/2031	1,000	1,166,940
Series 2015, Ref. RB ^(h)	5.00%	05/01/2026	5,000	6,309,500
Series 2015, Ref. RB ^(h)	5.00%	05/01/2027	2,500	3,125,425
Series 2015, Ref. RB ^(h)	5.00%	05/01/2028	2,500	3,101,225
	5.00%	06/01/2045	3,225	3,224,839

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Erie Tobacco Asset Securitization Corp.; Series 2005 A, Tobacco Settlement Asset-Backed RB				
Hempstead Town Local Development Corp. (Molloy College); Series 2009, RB	5.75%	07/01/2039	3,115	3,463,070
Hudson Yards Infrastructure Corp.; Series 2011 A, RB	5.75%	02/15/2047	3,160	3,717,550
Long Island Power Authority;				
Series 2006 E, Electric System General RB	5.00%	12/01/2017	1,975	2,019,082
Series 2009 A, Electric System General RB	5.75%	04/01/2039	635	708,876
Series 2009 A, Electric System General RB ^{(b)(c)}	6.25%	04/01/2019	1,860	2,136,880
Metropolitan Transportation Authority;				
Series 2009 B, Dedicated Tax Fund RB	5.00%	11/15/2034	500	570,765
Series 2009 B, Dedicated Tax Fund RB ^{(b)(c)}	5.25%	11/15/2019	1,535	1,761,397
Series 2012 H, RB	5.00%	11/15/2030	750	897,930
Series 2013 E, RB	5.00%	11/15/2030	2,750	3,333,880
Subseries 2011 B-2, Dedicated Tax Fund RB	5.00%	11/15/2032	1,360	1,608,445
Subseries 2014 D-1, Transportation RB	5.25%	11/15/2044	1,850	2,276,758
Monroe County Industrial Development Corp. (Nazareth College of Rochester);				
Series 2011, RB	5.50%	10/01/2041	880	993,194
Monroe County Industrial Development Corp. (St. John Fisher College); Series 2014 A, RB	5.50%	06/01/2034	1,000	1,186,800
Monroe County Industrial Development Corp. (University of Rochester);				
Series 2011 A, RB	5.00%	07/01/2036	2,030	2,331,435
Series 2013 A, RB	5.00%	07/01/2038	1,000	1,162,760
Series 2015 A, Ref. RB	5.00%	07/01/2033	1,715	2,095,730
Nassau (County of) Industrial Development Agency (Amsterdam at Harborside);				
Series 2014 A, Continuing Care Retirement Community RB	6.70%	01/01/2049	420	419,139
Series 2014 C, Continuing Care Retirement Community RB	2.00%	01/01/2049	152	18,928
Nassau County Local Economic Assistance Corp. (Catholic Health Services of Long Island Obligated Group); Series 2014, RB	5.00%	07/01/2033	1,000	1,154,620
Nassau County Local Economic Assistance Corp. (South Nassau Communities); Series 2012, Ref. RB	5.00%	07/01/2027	2,070	2,372,924

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

Invesco Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
Nassau County Local Economic Assistance Corp. (Winthrop University Hospital Association); Series 2012, Ref. RB	5.00%	07/01/2037	\$ 2,250	\$ 2,480,715
Nassau County Tobacco Settlement Corp.; Series 2006 A-2, Sr. Asset-Backed RB	5.25%	06/01/2026	1,000	1,000,810
Series 2006 A-3, Sr. Asset-Backed RB	5.00%	06/01/2035	1,250	1,243,938
New York & New Jersey (States of) Port Authority (JFK International Air Terminal LLC); Series 1997 6, Special Obligation RB (INS-NATL) ^{(d)(f)}	5.75%	12/01/2022	2,000	2,044,100
Series 1997 6, Special Obligation RB (INS-NATL) ^{(d)(f)}	5.75%	12/01/2025	2,500	2,564,525
Series 2010, Special Obligation RB	6.00%	12/01/2042	1,930	2,267,017
New York & New Jersey (States of) Port Authority; One Hundred Fifty-Second Series 2008, Consolidated RB ^{(f)(h)}	5.00%	11/01/2025	10,000	10,672,500
One Hundred Forty-Fourth Series 2006, Consolidated RB	5.00%	10/01/2035	5,645	5,721,772
New York (City of) Industrial Development Agency (New York Stock Exchange); Series 2009 A, Ref. Special Facility RB	5.00%	05/01/2021	2,445	2,730,943
New York (City of) Industrial Development Agency (Polytechnic University); Series 2007, Ref. Civic Facility RB (INS-ACA) ^(d)	5.25%	11/01/2037	3,700	3,924,923
New York (City of) Industrial Development Agency (Queens Baseball Stadium); Series 2006, PILOT RB (INS-AMBAC) ^(d)	5.00%	01/01/2036	2,860	2,912,595
New York (City of) Municipal Water Finance Authority; Series 2009 FF-2, Water & Sewer System RB	5.50%	06/15/2040	3,000	3,396,330
Series 2010 FF, Second General Resolution Water & Sewer System RB	5.00%	06/15/2031	600	689,112
Series 2013 DD, Water & Sewer System RB	5.00%	06/15/2035	3,000	3,583,830
Series 2014 EE, Ref. Water & Sewer System RB	5.00%	06/15/2045	1,025	1,212,196
New York (City of) Transitional Finance Authority; Series 2009 S-1, Building Aid RB	5.50%	07/15/2038	2,950	3,230,515
Series 2009 S-2, Building Aid RB	6.00%	07/15/2033	1,650	1,830,840
Series 2009 S-3, Building Aid RB ^(h)	5.25%	01/15/2027	4,500	5,014,440
Series 2009 S-3, Building Aid RB ^(h)	5.25%	01/15/2039	2,500	2,759,600
Subseries 2009 A-1, Future Tax Sec. RB ^(h)	5.00%	05/01/2028	625	699,050
Subseries 2009 A-1, Future Tax Sec. RB ^(h)	5.00%	05/01/2029	500	558,475
Subseries 2009 A-1, Future Tax Sec. RB ^(h)	5.00%	05/01/2030	500	557,145
Subseries 2011 D-1, Future Tax Sec. RB ^(h)	5.00%	11/01/2033	13,500	15,874,785
Subseries 2011 E, Future Tax Sec. RB	5.00%	11/01/2024	1,135	1,332,206
New York (City of) Trust for Cultural Resources (Carnegie Hall); Series 2009 A, RB	5.00%	12/01/2039	1,880	2,109,642
New York (City of) Trust for Cultural Resources (The Museum of Modern Art); Series 2008 1A, Ref. RB ^(h)	5.00%	04/01/2026	2,250	2,465,663

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Series 2008 1A, Ref. RB New York (City of) Trust for Cultural Resources (Wildlife Conservation Society);	5.00%	04/01/2031	1,550	1,687,640
Series 2013 A, RB New York (City of);	5.00%	08/01/2033	2,000	2,410,560
Series 2008, Unlimited Tax GO Bonds ^{(b)(c)}	5.50%	11/15/2018	3,330	3,707,222
Series 2008, Unlimited Tax GO Bonds	5.50%	11/15/2028	720	802,310
Subseries 2008 A-1, Unlimited Tax GO Bonds ^(h)	5.25%	08/15/2027	1,140	1,242,566
Subseries 2008 A-1, Unlimited Tax GO Bonds ^(h)	5.25%	08/15/2028	1,140	1,242,566
Subseries 2008 G-1, Unlimited Tax GO Bonds ^{(b)(c)}	6.25%	12/15/2018	390	442,892
Subseries 2008 G-1, Unlimited Tax GO Bonds	6.25%	12/15/2035	10	11,436
Subseries 2008 I-1, Unlimited Tax GO Bonds ^(h)	5.00%	02/01/2026	10,000	10,652,000
Subseries 2008 L-1, Unlimited Tax GO Bonds ^(h)	5.00%	04/01/2027	10,000	10,706,300
Subseries 2009 I-1, Unlimited Tax GO Bonds	5.25%	04/01/2032	3,500	3,926,265
New York (Counties of) Tobacco Trust; Subseries 2005 S1, Pass Through CAB RB ^(e)	0.00%	06/01/2038	10,815	2,905,125
New York (State of) Dormitory Authority (Brooklyn Law School);				
Series 2009, Ref. RB	5.75%	07/01/2033	540	602,915
Series 2012 A, RB	5.00%	07/01/2028	1,000	1,139,650
Series 2012 A, RB	5.00%	07/01/2029	1,000	1,137,230
New York (State of) Dormitory Authority (City of New York);				
Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(d)	5.50%	05/15/2027	700	922,026
Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(d)	5.50%	05/15/2030	1,750	2,386,685
Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(d)	5.50%	05/15/2031	445	614,768

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

Invesco Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
New York (State of) Dormitory Authority (Columbia University); Series 2011 A, Non State Supported Debt RB	5.00%	10/01/2041	\$ 2,720	\$ 3,181,611
New York (State of) Dormitory Authority (Convent of The Sacred Heart); Series 2011, RB (INS-AGM) ^(d)	5.75%	11/01/2040	1,255	1,473,257
New York (State of) Dormitory Authority (Cornell University); Series 2006 A, RB	5.00%	07/01/2035	3,990	4,004,763
Series 2010 A, RB	5.00%	07/01/2040	1,000	1,146,250
New York (State of) Dormitory Authority (Education); Series 2008 B, State Personal Income Tax RB	5.75%	03/15/2036	2,150	2,443,410
New York (State of) Dormitory Authority (Fashion Institute of Technology Student Housing Corp.); Series 2007, RB (INS-NATL) ^(d)	5.25%	07/01/2028	2,065	2,514,241
New York (State of) Dormitory Authority (Fordham University); Series 2008 B, RB ^{(b)(c)}	5.00%	07/01/2018	1,415	1,538,303
Series 2011 A, RB	5.13%	07/01/2029	500	591,345
Series 2014, RB	5.00%	07/01/2044	1,000	1,164,420
New York (State of) Dormitory Authority (General Purpose); Series 2011 A, State Personal Income Tax RB ^(h)	5.00%	03/15/2030	3,000	3,483,990
New York (State of) Dormitory Authority (Icahn School of Medicine at Mount Sinai); Series 2015, Ref. RB	5.00%	07/01/2045	2,835	3,328,375
New York (State of) Dormitory Authority (Manhattan College); Series 2007 A, RB (INS-AGC) ^(d)	5.00%	07/01/2041	2,715	2,834,731
New York (State of) Dormitory Authority (Memorial Sloan-Kettering Cancer Center); Series 1998, RB (INS-NATL) ^(d)	5.50%	07/01/2023	3,750	4,700,062
New York (State of) Dormitory Authority (Mental Health Services); Series 2007, RB (INS-AGM) ^(d)	5.00%	02/15/2027	255	262,252
Series 2007 F, RB ^{(b)(c)}	5.00%	02/15/2017	2,245	2,314,617
Series 2008 C, Mental Health Services Facilities Improvement RB (INS-AGM) ^{(d)(f)}	5.25%	02/15/2028	1,890	2,045,793
New York (State of) Dormitory Authority (Montefiore Medical Center); Series 2004, Hospital RB (INS-NATL) ^(d)	5.00%	08/01/2029	1,000	1,002,000
New York (State of) Dormitory Authority (Mount Sinai Hospital Obligated Group); Series 2011 A, RB	5.00%	07/01/2031	2,125	2,390,582
New York (State of) Dormitory Authority (Mount Sinai School of Medicine of New York University); Series 2009, Non State Supported Debt RB ^{(b)(c)}	5.13%	07/01/2019	1,750	1,963,798
New York (State of) Dormitory Authority (New York University Hospitals Center); Series 2011 A, RB ^{(b)(c)}	6.00%	07/01/2020	500	599,000
New York (State of) Dormitory Authority (New York University);	5.50%	07/01/2031	2,500	3,348,250

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Series 2001 1, RB (INS-AMBAC) ^(d)				
Series 2001 1, RB (INS-BHAC) ^(d)	5.50%	07/01/2031	1,115	1,471,700
New York (State of) Dormitory Authority (North Shore - Long Island Jewish Obligated Group);				
Series 2009 A, RB ^{(b)(c)}	5.50%	05/01/2019	1,250	1,415,338
Series 2011 A, RB	5.00%	05/01/2032	500	577,630
Subseries 2005 A, RB ^{(b)(c)}	5.00%	11/01/2016	2,125	2,164,100
New York (State of) Dormitory Authority (Orange Regional Medical Center); Series 2015, Ref. RB ^(g)	5.00%	12/01/2045	1,075	1,177,706
New York (State of) Dormitory Authority (Pace University);				
Series 2013 A, RB	5.00%	05/01/2025	1,120	1,286,018
Series 2013 A, RB ^{(b)(c)}	5.00%	05/01/2023	25	30,579
Series 2013 A, RB ^{(b)(c)}	5.00%	05/01/2023	30	36,694
Series 2013 A, RB	5.00%	05/01/2029	1,270	1,420,762
New York (State of) Dormitory Authority (Pratt Institute);				
Series 2015 A, Ref. RB	5.00%	07/01/2044	1,085	1,241,381
Series 2016, Ref. RB	5.00%	07/01/2039	500	599,770
New York (State of) Dormitory Authority (Pratt Institution);				
Series 2009 C, RB (INS-AGC) ^(d)	5.13%	07/01/2039	1,000	1,103,880
New York (State of) Dormitory Authority (Rochester Institute of Technology); Series 2010, RB	5.00%	07/01/2040	1,750	1,993,198
New York (State of) Dormitory Authority (Rockefeller University); Series 2010 A, RB	5.00%	07/01/2041	1,870	2,141,075
New York (State of) Dormitory Authority (Sales Tax);				
Series 2014 A, State Supported Debt RB	5.00%	03/15/2044	2,460	2,921,447
New York (State of) Dormitory Authority (School Districts Financing Program);				
Series 2008 D, RB ^{(b)(c)}	5.75%	10/01/2018	2,500	2,784,550
Series 2009 C, RB (INS-AGC) ^(d)	5.00%	10/01/2024	500	557,720
Series 2011 A, RB	5.00%	10/01/2025	1,195	1,400,719
New York (State of) Dormitory Authority (St. John's University); Series 2012 B, RB	5.00%	07/01/2030	2,780	3,249,347

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Invesco Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
New York (State of) Dormitory Authority (St. Joseph's College); Series 2010, RB	5.25%	07/01/2035	\$ 1,500	\$ 1,645,695
New York (State of) Dormitory Authority (State University Educational Facilities); Series 1993 B, RB	5.25%	05/15/2019	2,405	2,597,809
New York (State of) Dormitory Authority (State University of New York); Series 2013 A, RB	5.00%	07/01/2029	2,815	3,351,708
New York (State of) Dormitory Authority (The New School); Series 2010, RB	5.50%	07/01/2040	2,755	3,200,566
Series 2011, Ref. RB	5.00%	07/01/2031	1,750	1,998,902
New York (State of) Dormitory Authority (Touro College and University System); Series 2014 A, RB	5.50%	01/01/2044	2,130	2,366,728
New York (State of) Dormitory Authority; Series 1995 A, City University System Consolidated RB	5.63%	07/01/2016	1,090	1,094,567
Series 2010 E, General Purpose Personal Income Tax RB	5.00%	02/15/2040	500	565,595
Series 2014 C, Personal Income Tax RB ^(h)	5.00%	03/15/2041	6,000	7,139,580
New York (State of) Power Authority; Series 2011 A, RB	5.00%	11/15/2038	1,770	2,092,317
New York (State of) Thruway Authority (Transportation); Series 2009 A, Personal Income Tax RB	5.00%	03/15/2025	410	454,916
New York (State of) Thruway Authority; Series 2008 B, Second General Highway & Bridge Trust Fund RB ^{(b)(c)}	5.00%	10/01/2018	1,000	1,097,010
Series 2014 J, RB	5.00%	01/01/2034	4,085	4,814,213
Series 2016 A, Jr. Lien General RB	5.25%	01/01/2056	1,000	1,200,830
New York (State of) Utility Debt Securitization Authority; Series 2013 TE, Restructuring RB ^(h)	5.00%	12/15/2032	12,500	15,347,500
New York City Health & Hospital Corp.; Series 2010 A, Health System RB	5.00%	02/15/2030	2,780	3,111,098
New York Liberty Development Corp. (3 World Trade Center); Series 2014, Class 1, Ref. Liberty RB ^(g)	5.00%	11/15/2044	2,895	3,262,347
Series 2014, Class 3, Ref. Liberty RB ^(g)	7.25%	11/15/2044	1,085	1,358,865
New York Liberty Development Corp. (4 World Trade Center); Series 2011, Ref. Liberty RB	5.00%	11/15/2031	2,125	2,507,075
New York Liberty Development Corp. (7 World Trade Center); Series 2012, Class 1, Ref. Liberty RB ^(h)	5.00%	09/15/2040	14,445	17,001,043
Series 2012, Class 2, Ref. Liberty RB	5.00%	09/15/2043	3,215	3,647,417
New York Liberty Development Corp. (Bank of America Tower at One Bryant Park); Series 2010, Ref. Second Priority Liberty RB	6.38%	07/15/2049	2,785	3,136,857
New York Liberty Development Corp. (Goldman Sachs Headquarters); Series 2007, RB	5.50%	10/01/2037	2,145	2,855,638

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New York Local Government Assistance Corp.; Series 1993 C, Ref. RB	5.50%	04/01/2017	960	993,744
New York State Environmental Facilities Corp. (2010 Master Financing Program); Series 2010 C, RB	5.00%	10/15/2039	1,905	2,164,099
New York State Environmental Facilities Corp. (Municipal Water Finance Authority); Series 2011 B, State Clean Water & Drinking Water Revolving Funds RB	5.00%	06/15/2031	1,570	1,850,229
New York State Urban Development Corp.; Series 2008 B, Ref. Service Contract RB	5.25%	01/01/2024	750	819,713
Series 2008 B, Ref. Service Contract RB	5.25%	01/01/2025	2,000	2,185,460
New York Transportation Development Corp. (LaGuardia Airport Terminal B Redevelopment); Series 2016 A, Special Facilities RB ^(f)	5.25%	01/01/2050	3,400	3,887,696
Niagara Falls (City of) Public Water Authority; Series 2005, Water & Sewer System RB (INS-SGI) ^(d)	5.00%	07/15/2026	1,000	1,002,140
Niagara Frontier Transportation Authority (Buffalo Niagara International Airport); Series 2014 A, Ref. RB ^(f)	5.00%	04/01/2028	1,000	1,149,380
Niagara Tobacco Asset Securitization Corp.; Series 2014, Ref. Asset Backed RB	5.25%	05/15/2040	725	833,040
North Syracuse Central School District; Series 2007, Ref. Unlimited Tax GO Bonds (INS-NATL) ^(d)	5.00%	06/15/2023	940	1,150,880
Oneida (County of) Industrial Development Agency (St. Elizabeth Medical Center Facility); Series 1999 A, Civic Facility RB	5.88%	12/01/2029	475	475,822
Series 1999 B, Civic Facility RB	6.00%	12/01/2019	290	290,864
Onondaga Civic Development Corp. (Le Moyne College); Series 2010, RB	5.38%	07/01/2040	2,435	2,657,583
Onondaga Civic Development Corp. (St. Joseph's Hospital Health Center); Series 2014 A, RB ^{(b)(c)}	5.13%	07/01/2019	2,250	2,533,657
Otsego County Capital Resource Corp. (Hartwick College); Series 2015 A, Ref. RB	5.00%	10/01/2045	1,435	1,576,520
Sales Tax Asset Receivable Corp.; Series 2014 A, Ref. RB ^(h)	5.00%	10/15/2031	7,235	8,950,708

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

Invesco Trust for Investment Grade New York Municipals

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New York (continued)				
Saratoga (County of) Industrial Development Agency (Saratoga Hospital); Series 2007 B, Civic Facility RB	5.13%	12/01/2027	\$ 1,000	\$ 1,053,050
Saratoga (County of) Water Authority; Series 2016, Ref. Water System RB	4.00%	09/01/2048	2,750	3,047,357
Suffolk (County of) Industrial Development Agency (Eastern Long Island Hospital Association); Series 2007, Civic Facility RB ^(g)	5.38%	01/01/2027	1,550	1,557,843
Suffolk (County of) Industrial Development Agency (Jefferson s Ferry); Series 2006, Ref. First Mortgage Continuing Care Retirement Community RB	5.00%	11/01/2028	1,000	1,010,750
Suffolk County Economic Development Corp. (Peconic Landing at Southold, Inc.); Series 2010, Ref. RB	6.00%	12/01/2040	1,035	1,170,150
Suffolk Economic Development Corp. (Catholic Health Services); Series 2014 C, RB	5.00%	07/01/2032	1,085	1,253,609
Syracuse (City of); Series 2011 A, Airport Terminal Security & Access Improvement Unlimited Tax GO Bonds ^(f)	5.00%	11/01/2036	500	548,070
Tompkins County Development Corp. (Tompkins Cortland Community College Foundation, Inc.); Series 2013 A, RB	5.00%	07/01/2027	1,000	1,126,670
Series 2013 A, RB	5.00%	07/01/2032	750	830,865
Series 2013 A, RB	5.00%	07/01/2038	2,000	2,183,920
Tompkins (County of) Industrial Development Agency (Cornell University); Series 2008 A, Civic Facility RB	5.00%	07/01/2037	750	861,623
Triborough Bridge & Tunnel Authority; Series 2002 F, Ref. VRD General RB (LOC-Landesbank Hessen-Thüringen Girozentrale) ^{(i)(j)}	0.39%	11/01/2032	2,100	2,100,000
Series 2013 A, Ref. Sub. CAB RB ^(e)	0.00%	11/15/2032	2,000	1,250,580
Series 2013 C, RB ^(h)	5.00%	11/15/2038	7,210	8,469,803
Troy Capital Resource Corp. (Rensselaer Polytechnic Institute); Series 2010 A, RB	5.00%	09/01/2030	2,500	2,828,750
Series 2010 A, RB	5.13%	09/01/2040	985	1,117,374
TSASC, Inc.; Series 2006 1, Tobacco Settlement Asset-Backed RB	5.00%	06/01/2034	2,270	2,269,818
Series 2006 1, Tobacco Settlement Asset-Backed RB	5.13%	06/01/2042	1,970	1,940,785
United Nations Development Corp.; Series 2009 A, Ref. RB	5.00%	07/01/2025	1,000	1,110,180
Series 2009 A, Ref. RB	5.00%	07/01/2026	815	902,710
Westchester Tobacco Asset Securitization Corp.; Series 2005, Tobacco Settlement Asset-Backed RB	5.13%	06/01/2045	2,235	2,235,179
Yonkers Economic Development Corp. (Charter School of Educational Excellence); Series 2010 A, Educational RB	6.25%	10/15/2040	1,200	1,279,980
				453,170,257

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Guam 4.27%

Guam (Territory of) (Section 30); Series 2009 A, Limited Obligation RB	5.63%	12/01/2029	860	967,775
Series 2009 A, Limited Obligation RB	5.75%	12/01/2034	500	559,840
Guam (Territory of) International Airport Authority; Series 2013 C, General RB ^(f)	6.25%	10/01/2034	1,500	1,833,060
Series 2013 C, General RB (INS-AGM) ^{(d)(f)}	6.00%	10/01/2034	950	1,155,153
Guam (Territory of) Power Authority; Series 2010 A, RB	5.50%	10/01/2040	1,020	1,136,902
Series 2012 A, Ref. RB	5.00%	10/01/2034	1,370	1,521,084
Guam (Territory of) Waterworks Authority; Series 2010, Water & Wastewater System RB	5.63%	07/01/2040	3,500	3,919,090
Guam (Territory of); Series 2011 A, Business Privilege Tax RB	5.13%	01/01/2042	435	485,382
Series 2011 A, Business Privilege Tax RB	5.25%	01/01/2036	1,125	1,275,232
				12,853,518

Virgin Islands 1.70%

Virgin Islands (Government of) Port Authority; Series 2014 B, Ref. Marine RB	5.00%	09/01/2044	785	880,056
Virgin Islands (Government of) Public Finance Authority (Matching Fund Loan Note - Diageo); Series 2009 A, Sub. RB	6.63%	10/01/2029	1,880	2,113,308

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

Invesco 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);				
Series 2010 A, Sr. Lien RB	5.00%	10/01/2029	\$ 1,200	\$ 1,314,684
Series 2012 A, RB ^(g)	4.00%	10/01/2022	750	799,110
				5,107,158
TOTAL INVESTMENTS ^(k)	156.51% (Cost \$427,019,892)			471,130,933
FLOATING RATE NOTE OBLIGATIONS	(26.13)%			
Notes with interest and fee rates ranging from 0.93% to 1.00% at 05/31/2016, and contractual maturities of collateral ranging from 11/01/2025 to 03/15/2041 (See Note 1D) ^(l)				(78,655,000)
VARIABLE RATE MUNI TERM PREFERRED SHARES	(30.03)%			(90,400,000)
OTHER ASSETS LESS LIABILITIES	(0.35)%			(1,045,881)
NET ASSETS APPLICABLE TO COMMON SHARES	100.00%			\$ 301,030,052
Investment Abbreviations:				

ACA	ACA Financial Guaranty Corp.	NATL	National Public Finance Guarantee Corp.
AGC	Assured Guaranty Corp.	PILOT	Payment-in-Lieu-of-Tax
AGM	Assured Guaranty Municipal Corp.	RB	Revenue Bonds
AMBAC	American Municipal Bond Assurance Corp.	Ref.	Refunding
BHAC	Berkshire Hathaway Assurance Corp.	Sec.	Secured
CAB	Capital Appreciation Bonds	SGI	Syncora Guarantee, Inc.
GO	General Obligation	Sr.	Senior
INS	Insurer	Sub.	Subordinated
LOC	Letter of Credit	VRD	Variable Rate Demand

Notes to Schedule of Investments:

- (a) Calculated as a percentage of net assets. Amounts in excess of 100% are due to the Trust's use of leverage.
- (b) Advance refunded; secured by an escrow fund of U.S. Government obligations or other highly rated collateral.
- (c) Security has an irrevocable call by the issuer or mandatory put by the holder. Maturity date reflects such call or put.

- (d) Principal and/or interest payments are secured by the bond insurance company listed.
- (e) Zero coupon bond issued at a discount.
- (f) Security subject to the alternative minimum tax.
- (g) Security purchased or received in a transaction exempt from registration under the Securities Act of 1933, as amended (the 1933 Act). The security may be resold pursuant to an exemption from registration under the 1933 Act, typically to qualified institutional buyers. The aggregate value of these securities at May 31, 2016 was \$11,107,538, which represented 3.69% of the Trust s Net Assets.
- (h) Underlying security related to TOB Trusts entered into by the Trust. See Note 1D.
- (i) Demand security payable upon demand by the Trust at specified time intervals no greater than thirteen months. Interest rate is redetermined periodically. Rate shown is the rate in effect on May 31, 2016.
- (j) Principal and interest payments are fully enhanced by a letter of credit from the bank listed or a predecessor bank, branch or subsidiary.
- (k) Entities may either issue, guarantee, back or otherwise enhance the credit quality of a security. The entities are not primarily responsible for the issuer s obligation but may be called upon to satisfy issuers obligations. No concentration of any single entity was greater than 5% each.
- (l) Floating rate note obligations related to securities held. The interest and fee rates shown reflect the rates in effect at May 31, 2016. At May 31, 2016, the Trust s investments with a value of \$142,670,535 are held by TOB Trusts and serve as collateral for the \$78,655,000 in the floating rate note obligations outstanding at that date.

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

Invesco Trust for Investment Grade New York Municipals

Notes to Quarterly Schedule of Portfolio Holdings

May 31, 2016

(Unaudited)

NOTE 1 Significant Accounting Policies

A. Security Valuations Securities, including restricted securities, are valued according to the following policy. Securities are fair valued using an evaluated quote provided by an independent pricing service approved by the Board of Trustees. Evaluated quotes provided by the pricing service may be determined without exclusive reliance on quoted prices, and may reflect appropriate factors such as institution-size trading in similar groups of securities, developments related to specific securities, dividend rate (for unlisted equities), yield (for debt obligations), quality, type of issue, coupon rate (for debt obligations), maturity (for debt obligations), individual trading characteristics and other market data. Debt obligations are subject to interest rate and credit risks. In addition, all debt obligations involve some risk of default with respect to interest and/or principal payments.

Securities for which market quotations either are not readily available or became unreliable are valued at fair value as determined in good faith by or under the supervision of the Trust's officers following procedures approved by the Board of Trustees. Some of the factors which may be considered in determining fair value are fundamental analytical data relating to the investment; the nature and duration of any restrictions on transferability or disposition; trading in similar securities by the same issuer or comparable companies; relevant political, economic or issuer specific news; and other relevant factors under the circumstances.

The Trust may invest in securities that are subject to interest rate risk, meaning the risk that the prices will generally fall as interest rates rise and, conversely, the prices will generally rise as interest rates fall. Specific securities differ in their sensitivity to changes in interest rates depending on their individual characteristics. Changes in interest rates may result in increased market volatility, which may affect the value and/or liquidity of certain Trust investments.

Valuations change in response to many factors including the historical and prospective earnings of the issuer, the value of the issuer's assets, general economic conditions, interest rates, investor perceptions and market liquidity. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

B. Securities Transactions and Investment Income Securities transactions are accounted for on a trade date basis. Realized gains or losses on sales are computed on the basis of specific identification of the securities sold. Interest income (net of withholding tax, if any) is recorded on the accrual basis from settlement date. Dividend income (net of withholding tax, if any) is recorded on the ex-dividend date. Bond premiums and discounts are amortized and/or accreted for financial reporting purposes.

The Trust may periodically participate in litigation related to Trust investments. As such, the Trust may receive proceeds from litigation settlements. Any proceeds received are included in the Statement of Operations as realized gain (loss) for investments no longer held and as unrealized gain (loss) for investments still held.

Brokerage commissions and mark ups are considered transaction costs and are recorded as an increase to the cost basis of securities purchased and/or a reduction of proceeds on a sale of securities. Such transaction costs are included in the determination of net realized and unrealized gain (loss) from investment securities reported in the Statement of Operations and the Statement of Changes in Net Assets and the net realized and unrealized gains (losses) on securities per share in the Financial Highlights. Transaction costs are included in the calculation of the Trust's net asset value

and, accordingly, they reduce the Trust's total returns. These transaction costs are not considered operating expenses and are not reflected in net investment income reported in the Statement of Operations and the Statement of Changes in Net Assets, or the net investment income per share and the ratios of expenses and net investment income reported in the Financial Highlights, nor are they limited by any expense limitation arrangements between the Trust and the investment adviser.

- C. Country Determination** For the purposes of making investment selection decisions and presentation in the Schedule of Investments, the investment adviser may determine the country in which an issuer is located and/or credit risk exposure based on various factors. These factors include the laws of the country under which the issuer is organized, where the issuer maintains a principal office, the country in which the issuer derives 50% or more of its total revenues and the country that has the primary market for the issuer's securities, as well as other criteria. Among the other criteria that may be evaluated for making this determination are the country in which the issuer maintains 50% or more of its assets, the type of security, financial guarantees and enhancements, the nature of the collateral and the sponsor organization. Country of issuer and/or credit risk exposure has been determined to be the United States of America, unless otherwise noted.
- D. Floating Rate Note Obligations** The Trust invests in inverse floating rate securities, such as Tender Option Bonds (TOBs), for investment purposes and to enhance the yield of the Trust. Such securities may be purchased in the secondary market without

Invesco Trust for Investment Grade New York Municipals

D. Floating Rate Note Obligations (continued)

first owning an underlying bond but generally are created through the sale of fixed rate bonds by the Trust to special purpose trusts established by a broker dealer or by the Trust (TOB Trusts) in exchange for cash and residual interests in the TOB Trusts' assets and cash flows, which are in the form of inverse floating rate securities. The TOB Trusts finance the purchases of the fixed rate bonds by issuing floating rate notes to third parties and allowing the Trust to retain residual interests in the bonds. The floating rate notes issued by the TOB Trusts have interest rates that reset weekly and the floating rate note holders have the option to tender their notes to the TOB Trusts for redemption at par at each reset date. The residual interests held by the Trust (inverse floating rate securities) include the right of the Trust (1) to cause the holders of the floating rate notes to tender their notes at par at the next interest rate reset date, and (2) to transfer the municipal bond from the TOB Trust to the Trust, thereby collapsing the TOB Trust. Inverse floating rate securities tend to underperform the market for fixed rate bonds in a rising interest rate environment, but tend to outperform the market for fixed rate bonds when interest rates decline or remain relatively stable.

The Trust generally invests in inverse floating rate securities that include embedded leverage, thus exposing the Trust to greater risks and increased costs. The primary risks associated with inverse floating rate securities are varying degrees of liquidity and decreases in the value of such securities in response to changes in interest rates to a greater extent than fixed rate securities having similar credit quality, redemption provisions and maturity, which may cause the Trust's net asset value to be more volatile than if it had not invested in inverse floating rate securities. In certain instances, the short-term floating rate notes created by the TOB Trust may not be able to be sold to third parties or, in the case of holders tendering (or putting) such notes for repayment of principal, may not be able to be remarketed to third parties. In such cases, the TOB Trust holding the fixed rate bonds may be collapsed with the entity that contributed the fixed rate bonds to the TOB Trust. In the case where a TOB Trust is collapsed with the Trust, the Trust will be required to repay the principal amount of the tendered securities, which may require the Trust to sell other portfolio holdings to raise cash to meet that obligation. The Trust could therefore be required to sell other portfolio holdings at a disadvantageous time or price to raise cash to meet this obligation, which risk will be heightened during times of market volatility, illiquidity or uncertainty. The embedded leverage in the TOB Trust could cause the Trust to lose more money than the value of the asset it has contributed to the TOB Trust and greater levels of leverage create the potential for greater losses. In addition, a Trust may enter into reimbursement agreements with the liquidity provider of certain TOB transactions in connection with certain residuals held by the Trust. These agreements commit a Trust to reimburse the liquidity provider to the extent that the liquidity provider must provide cash to a TOB Trust, including following the termination of a TOB Trust resulting from a mandatory tender event (liquidity shortfall). The reimbursement agreement will effectively make the Trust liable for the amount of the negative difference, if any, between the liquidation value of the underlying security and the purchase price of the floating rate notes issued by the TOB Trust.

The Trust accounts for the transfer of fixed rate bonds to the TOB Trusts as secured borrowings, with the securities transferred remaining in the Trust's investment assets, and the related floating rate notes reflected as Trust liabilities under the caption *Floating rate note obligations* on the Statement of Assets and Liabilities. The Trust records the interest income from the fixed rate bonds under the caption *Interest* and records the expenses related to floating rate obligations and any administrative expenses of the TOB Trusts as a component of *Interest, facilities and maintenance fees* on the Statement of Operations.

Final rules implementing section 619 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Volcker Rule) prohibit banking entities from engaging in proprietary trading of certain instruments and limit such entities' investments in, and relationships with, covered funds , as defined in the rules. These rules preclude banking entities and their affiliates from sponsoring and/or providing services for existing TOB Trusts. A new TOB structure is being utilized by the Trust wherein the Trust, as holder of the residuals, will perform certain duties previously performed by banking entities as sponsors of TOB Trusts. These duties may be performed by a third-party service

provider. The Trust's expanded role under the new TOB structure may increase its operational and regulatory risk. The new structure is substantially similar to the previous structure; however, pursuant to the Volcker Rule, the remarketing agent would not be able to repurchase tendered floaters for its own account upon a failed remarketing. In the event of a failed remarketing, a banking entity serving as liquidity provider may loan the necessary funds to the TOB Trust to purchase the tendered floaters. The TOB Trust, not the Trust, would be the borrower and the loan from the liquidity provider will be secured by the purchased floaters now held by the TOB Trust. However, as previously described, the Trust would bear the risk of loss with respect to any liquidity shortfall to the extent it entered into a reimbursement agreement with the liquidity provider.

There can be no assurances that the new TOB structure will continue to be a viable form of leverage. Further, there can be no assurances that alternative forms of leverage will be available to the Trust in order to maintain current levels of leverage. Any alternative forms of leverage may be less advantageous to the Trust, and may adversely affect the Trust's net asset value, distribution rate and ability to achieve its investment objective.

TOBs are presently classified as private placement securities. Private placement securities are subject to restrictions on resale because they have not been registered under the Securities Act of 1933, as amended (the "1933 Act"), or are otherwise not readily

Invesco Trust for Investment Grade New York Municipals

D. Floating Rate Note Obligations (continued)

marketable. As a result of the absence of a public trading market for these securities, they may be less liquid than publicly traded securities. Although atypical, these securities may be resold in privately negotiated transactions, the prices realized from these sales could be less than those originally paid by the Trust or less than what may be considered the fair value of such securities.

E. Other Risks The value of, payment of interest on, repayment of principal for and the ability to sell a municipal security may be affected by constitutional amendments, legislative enactments, executive orders, administrative regulations, voter initiatives and the economics of the regions in which the issuers are located.

Since many municipal securities are issued to finance similar projects, especially those relating to education, health care, transportation and utilities, conditions in those sectors can affect the overall municipal securities market and the Trust's investments in municipal securities.

There is some risk that a portion or all of the interest received from certain tax-free municipal securities could become taxable as a result of determinations by the Internal Revenue Service.

NOTE 2 Additional Valuation Information

Generally Accepted Accounting Principles (GAAP) defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under current market conditions. GAAP establishes a hierarchy that prioritizes the inputs to valuation methods, giving the highest priority to readily available unadjusted quoted prices in an active market for identical assets (Level 1) and the lowest priority to significant unobservable inputs (Level 3), generally when market prices are not readily available or are unreliable. Based on the valuation inputs, the securities or other investments are tiered into one of three levels. Changes in valuation methods may result in transfers in or out of an investment's assigned level:

- Level 1 Prices are determined using quoted prices in an active market for identical assets.
- Level 2 Prices are determined using other significant observable inputs. Observable inputs are inputs that other market participants may use in pricing a security. These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk, yield curves, loss severities, default rates, discount rates, volatilities and others.
- Level 3 Prices are determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable (for example, when there is little or no market activity for an investment at the end of the period), unobservable inputs may be used. Unobservable inputs reflect the Trust's own assumptions about the factors market participants would use in determining fair value of the securities or instruments and would be based on the best available information.

As of May 31, 2016, all of the securities in this Trust were valued based on Level 2 inputs (see the Schedule of Investments for security categories). The level assigned to the securities valuations may not be an indication of the risk or liquidity associated with investing in those securities. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

NOTE 3 Investment Securities

The aggregate amount of investment securities (other than short-term securities, U.S. Treasury obligations and money market funds, if any) purchased and sold by the Trust during the three months ended May 31, 2016 was \$18,437,121 and \$15,415,226, respectively. Cost of investments on a tax basis includes the adjustments for financial reporting purposes as of the most recently completed federal income tax reporting period-end.

Unrealized Appreciation (Depreciation) of Investment Securities on a Tax Basis

Aggregate unrealized appreciation of investment securities	\$ 43,283,563
Aggregate unrealized (depreciation) of investment securities	(77,964)
Net unrealized appreciation of investment securities	\$ 43,205,599

Cost of investments for tax purposes is \$427,925,334.

Invesco Trust for Investment Grade New York Municipals

Item 2. Controls and Procedures.

- (a) As of May 25, 2016, an evaluation was performed under the supervision and with the participation of the officers of the Registrant, including the Principal Executive Officer (PEO) and Principal Financial Officer (PFO), to assess the effectiveness of the Registrant's disclosure controls and procedures, as that term is defined in Rule 30a-3(c) under the Investment Company Act of 1940 (Act), as amended. Based on that evaluation, the Registrant's officers, including the PEO and PFO, concluded that, as of May 25, 2016, the Registrant's disclosure controls and procedures were reasonably designed so as to ensure: (1) that information required to be disclosed by the Registrant on Form N-Q is recorded, processed, summarized and reported within the time periods specified by the rules and forms of the Securities and Exchange Commission; and (2) that material information relating to the Registrant is made known to the PEO and PFO as appropriate to allow timely decisions regarding required disclosure.

- (b) There have been no changes in the Registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) 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.

Certifications of PEO and PFO as required by Rule 30a-2(a) under the Investment Company Act of 1940.

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: Invesco Trust for Investment Grade New York Municipals

By: /s/ Sheri Morris
Sheri Morris
Principal Executive Officer

Date: July 29, 2016

Pursuant to the requirements of the Securities and 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: /s/ Sheri Morris
Sheri Morris
Principal Executive Officer

Date: July 29, 2016

By: /s/ Kelli Gallegos
Kelli Gallegos
Principal Financial Officer

Date: July 29, 2016

EXHIBIT INDEX

Certifications of Principal Executive Officer (PEO) and Principal Financial Officer (PFO) as required by Rule 30a-2(a) under the Investment Company Act of 1940, as amended.