

Invesco Van Kampen Trust for Investment Grade Municipals  
Form N-Q  
April 01, 2011

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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 811-06471  
Invesco Van Kampen Trust for Investment Grade 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 D. 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: 10/31

Date of reporting period: 01/31/11

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Item 1. Schedule of Investments.

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**Invesco Van Kampen Trust for Investment Grade Municipals**

Quarterly Schedule of Portfolio Holdings

January 31, 2011

[invesco.com/us](http://invesco.com/us)

VK-CE-IGMUNI-QTR-1 01/11

Invesco Advisers, Inc.

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**Schedule of Investments**

January 31, 2011

(Unaudited)

	Interest Rate	Maturity Date	Principal Amount (000)	Value
<b>Municipal Obligations 172.12%</b>				
<b>Alabama 2.40%</b>				
Alabama (State of) Board of Education (Southern Union State Community College); Series 2003, Ref. & Improvement RB (INS-NATL) <sup>(a)</sup>	5.25%	07/01/20	\$ 3,660	\$ 3,808,010
Bessemer Governmental Utility Services Corp.; Series 2008 A, Ref. Water Supply RB (INS-AGL) <sup>(a)(b)</sup>	5.00%	06/01/39	3,225	3,016,504
Birmingham (City of) Airport Authority; Series 2010, RB (INS-AGM) <sup>(a)</sup>	5.25%	07/01/30	2,500	2,438,975
Health Care Authority for Baptist Health (The); Series 2009 A, RB <sup>(c)(d)</sup>	6.13%	05/15/12	2,000	2,078,960
Huntsville-Redstone Village (City of) Special Care Facilities Financing Authority (Redstone Village); Series 2007, Retirement Facilities RB	5.50%	01/01/43	2,525	1,809,087
Selma (City of) Industrial Development Board (Gulf Opportunity Zone); Series 2009 A, IDR	6.25%	11/01/33	3,395	3,401,383
				16,552,919
<b>Alaska 0.54%</b>				
Matanuska-Susitna Borough (City of) (Public Safety Building Lease); Series 2000, COP (INS-AGM) <sup>(a)</sup>	5.75%	03/01/16	1,350	1,355,265
Northern Tobacco Securitization Corp.; Series 2006 A, Asset-Backed RB	5.00%	06/01/46	4,075	2,401,561
				3,756,826
<b>Arizona 4.10%</b>				
Arizona (State of) Transportation Board;				
Series 2008 B, Highway RB	5.00%	07/01/25	2,560	2,650,470
Series 2008 B, Highway RB <sup>(b)</sup>	5.00%	07/01/26	3,835	3,931,527

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Glendale (City of) Industrial Development Authority  
(Midwestern University);

Series 2010, RB	5.00%	05/15/35	750	649,515
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Series 2010, RB	5.13%	05/15/40	1,500	1,331,115
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Glendale Industrial Development Authority;  
Series 2005 B, Ref. RB

5.00%	12/01/37	2,065	1,671,700
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Goodyear (City of) McDowell Road Commercial  
Corridor Improvement District; Series 2007, Special  
Assessment Bonds (INS-AMBAC) <sup>(a)</sup>

5.25%	01/01/32	1,775	1,620,415
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Maricopa (County of) Industrial Development  
Authority (Catholic Healthcare West); Series 2009  
C, Health Facilities RB <sup>(c)(d)</sup>

5.00%	07/01/14	3,330	3,557,505
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Maricopa (County of) Pollution Control Corp.  
(Arizona Public Service Co. Palo Verde);  
Series 2009 B, Ref. PCR <sup>(c)(d)</sup>

5.50%	05/01/12	1,825	1,881,776
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Navajo (County of) Pollution Control Corp.;

Series 2009 C, PCR <sup>(c)(d)</sup>	5.50%	06/01/14	900	955,827
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Series 2009 E, PCR <sup>(c)(d)</sup>	5.75%	06/01/16	1,035	1,068,079
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Phoenix (City of) Industrial Development Authority  
(Career Success Schools);

Series 2009, Education IDR	7.00%	01/01/39	970	920,016
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Series 2009, Education IDR	7.13%	01/01/45	925	883,893
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Pima (County of) Industrial Development Authority  
(Global Water Resources LLC); Series 2007, Water  
& Wastewater IDR <sup>(e)</sup>

6.55%	12/01/37	3,400	2,921,212
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Salt River Project Agricultural Improvement &  
Power District; Series 2009 A, Electric System RB  
<sup>(b)</sup>

5.00%	01/01/28	3,145	3,186,923
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University Medical Center Corp.; Series 2005,  
Hospital RB

5.00%	07/01/35	1,205	1,043,229
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28,273,202

**California 16.32%**

6.00%	09/01/16	1,300	1,429,714
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Anaheim (City of) Public Financing Authority  
(Anaheim Public Improvements); Series 1997 C,  
Sub. Lease RB (INS-AGM) <sup>(a)</sup>

Bay Area Toll Authority (San Francisco Bay Area);

Series 2008 F-1, Toll Bridge RB <sup>(b)</sup>	5.00%	04/01/39	1,500	1,408,395
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Series 2008 F-1, Toll Bridge RB	5.00%	04/01/39	4,500	4,225,185
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Beverly Hills (City of) Unified School District California (Election of 2008); Series 2009, Unlimited Tax GO Bonds <sup>(f)</sup>	0.00%	08/01/28	1,250	433,050
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**See accompanying notes which are an integral part of this schedule.**

**Invesco Van Kampen Trust for Investment Grade Municipals**

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	<b>Interest Rate</b>	<b>Maturity Date</b>	<b>Principal Amount (000)</b>	<b>Value</b>
<b>California (continued)</b>				
California (State of) Department of Water Resources (Central Valley);				
Series 2008 AE, Water RB <sup>(b)</sup>	5.00%	12/01/24	\$ 1,175	\$ 1,232,751
Series 2008 AE, Water RB <sup>(b)</sup>	5.00%	12/01/25	1,500	1,557,420
Series 2008 AE, Water RB <sup>(b)</sup>	5.00%	12/01/26	1,500	1,540,185
Series 2008 AE, Water RB <sup>(b)</sup>	5.00%	12/01/27	875	890,794
Series 2008 AE, Water RB <sup>(b)</sup>	5.00%	12/01/28	1,500	1,517,805
California (State of) Department of Water Resources;				
Series 2002, Water RB (INS-NATL/FGIC) <sup>(a)</sup>	5.00%	12/01/29	730	730,329
Series 2002 X, RB <sup>(c)(g)</sup>	5.00%	12/01/12	10	10,808
Series 2002 X, RB <sup>(c)(g)</sup>	5.00%	12/01/12	260	280,751
California (State of) Health Facilities Financing Authority (Catholic Health Care West) Series 2009 A, RB	6.00%	07/01/34	1,500	1,505,805
California (State of) Health Facilities Financing Authority (Sutter Health); Series 2011 B, RB	5.50%	08/15/26	1,000	988,050
California (State of) Housing Finance Agency (Catholic Healthcare West); Series 2009 A, RB <sup>(e)</sup>	4.95%	08/01/23	3,000	2,811,000
California (State of) Housing Finance Agency (Home Mortgage);				
Series G 2007, RB <sup>(e)</sup>	5.05%	02/01/29	1,610	1,494,869
Series K 2008, RB <sup>(e)</sup>	5.30%	08/01/23	4,800	4,659,216
Series K 2008, RB <sup>(e)</sup>	5.45%	08/01/28	5,500	5,321,800
California (State of) Pollution Control Financing Authority (Waste Management Inc.); Series 2002 B,	5.00%	07/01/27	1,500	1,425,285

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Solid Waste Disposal RB <sup>(e)</sup>

California (State of) Statewide Communities Development Authority (Adventist Health System/West); Series 2005 A, Health Facility RB	5.00%	03/01/30	2,700	2,398,302
California (State of) Statewide Communities Development Authority (Kaiser Permanente); Series 2009 A, RB	5.00%	04/01/19	2,000	2,082,860
California (State of);				
Series 2006 CD, Unlimited Tax GO Bonds <sup>(e)</sup>	4.60%	12/01/32	2,850	2,286,441
Series 2009, Various Purpose Unlimited Tax GO Bonds	5.75%	04/01/31	1,800	1,800,414
Series 2009 A, Ref. Economic Recovery Unlimited Tax GO Bonds	5.25%	07/01/21	2,900	3,108,597
California State University; Series 2002 A, System-Wide RB (INS-AMBAC) <sup>(a)</sup>	5.00%	11/01/33	5,000	4,677,300
Daly (City of) Housing Development Finance Agency; Series 2007 C, Third Tier Ref. RB	6.50%	12/15/47	585	476,126
Florin (City of) Resource Conservation District (Elk Grove Water Service);				
Series 2002 B, COP (INS-NATL) <sup>(a)</sup>	5.00%	03/01/33	3,000	2,465,490
Series 2003 A, COP (INS-NATL) <sup>(a)</sup>	5.00%	09/01/33	1,750	1,435,053
Foothill/Eastern Transportation Corridor Agency;				
Series 1995 A, Sr. Lien Toll Road RB <sup>(f)(h)</sup>	0.00%	01/01/23	10,750	6,527,937
Series 1999, Ref. Toll Road RB (INS-NATL) <sup>(a)(f)</sup>	0.00%	01/15/17	2,000	1,314,700
Fremont Unified School District; Series 2002 A, Unlimited Tax GO Bonds (INS-NATL) <sup>(a)</sup>	5.00%	08/01/25	3,000	3,014,670
Golden State Tobacco Securitization Corp.;				
Series 2005 A, Enhanced Tobacco Settlement Asset-Backed RB	5.00%	06/01/45	4,000	3,138,720
Series 2007 A-1, Sr. Tobacco Settlement Asset-Backed RB	5.75%	06/01/47	8,515	5,589,501
	4.50%	06/01/27	3,150	2,277,702

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Series 2027 A-1, Sr. Tobacco Settlement  
Asset-Backed Turbo RB

Hesperia (City of) Public Financing Authority  
(Redevelopment & Housing); Series 2007 A, Tax  
Allocation RB (INS-SYNCORA) <sup>(a)</sup>

5.00% 09/01/37 700 477,477

Los Angeles (City of) Department of Airports (Los  
Angeles International Airport); Series 2010 B, Sub.  
RB

5.00% 05/15/40 2,000 1,825,380

Los Angeles Unified School District; Series 2009 D,  
Unlimited Tax GO Bonds

5.00% 07/01/22 1,800 1,851,606

Metropolitan Water District of Southern California;

Series 2003 B-1, Authorization Water RB  
(INS-NATL/FGIC) <sup>(a)</sup>

5.00% 10/01/33 1,500 1,484,850

Series 2009 A, Water RB

5.00% 01/01/34 2,500 2,498,200

Morongo Band of Mission Indians (Enterprise  
Casino); Series 2008, RB <sup>(i)</sup>

5.50% 03/01/18 260 244,314

Northern California Tobacco Securitization Authority  
(Sacramento County Tobacco Securitization Corp.);

Series 2005 A-1, Tobacco Settlement Asset-Backed  
Turbo RB

5.38% 06/01/38 4,700 3,233,741

Series 2005 A-1, Tobacco Settlement Asset-Backed  
Turbo RB

5.50% 06/01/45 1,500 941,685

Palm Springs (City of) Financing Authority  
(Convention Center Expansion); Series 2004 A,  
Lease RB (INS-NATL) <sup>(a)</sup>

5.50% 11/01/35 3,500 3,235,295

Palomar Pomerado Health Care District; Series 2009,  
COP

6.75% 11/01/39 1,700 1,657,704

Sacramento (County of); Series 2010, Sr. Airport  
System RB

5.00% 07/01/40 3,415 3,031,427

**See accompanying notes which are an integral part of this schedule.  
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	Interest Rate	Maturity Date	Principal Amount (000)	Value
<b>California (continued)</b>				
San Francisco City & County Airports Commission Series 2008 A-4, RB <sup>(c)(d)(e)</sup>	6.50%	05/01/12	\$ 1,850	\$ 1,970,268
Southern California Tobacco Securitization Authority (San Diego County Tobacco Asset Securitization Corp.) Series 2006 A-1, Sr. Tobacco Settlement Asset-Backed Turbo RB	5.13%	06/01/46	7,600	4,544,952
Southern California Tobacco Securitization Authority; Series 2006 A-1, Sr. Tobacco Settlement RB	5.00%	06/01/37	2,300	1,515,677
Temecula (City of) Redevelopment Agency (No. 1); Series 2002, Tax Allocation RB (INS-NATL) <sup>(a)</sup>	5.25%	08/01/36	3,000	2,501,910
Turlock (City of) (Emanuel Medical Center, Inc.); Series 2004, Health Facilities COP	5.38%	10/15/34	1,600	1,297,936
Twin Rivers Unified School District (School Facility Bridge); Series 2007, VRD COP (INS-AGM) <sup>(a)(c)(d)</sup>	3.50%	05/31/13	1,000	997,410
Vernon (City of); Series 2009 A, Electric System RB	5.13%	08/01/21	3,250	3,264,007
				112,630,864
<b>Colorado 2.66%</b>				
Colorado (State of) Educational & Cultural Facilities Authority (The Classical Academy); Series 2003, Ref. & Improvement RB (INS-SYNCORA) <sup>(a)</sup>	5.25%	12/01/23	3,405	3,388,417
Colorado (State of) Health Facilities Authority (Catholic Health); Series 2006 C5, RB (INS-AGM) <sup>(a)(b)</sup>	5.00%	09/01/36	7,300	6,731,184
Colorado (State of) Health Facilities Authority (Portercare Adventist Health); Series 2001, Hospital RB <sup>(c)(g)</sup>	6.50%	11/15/11	1,125	1,189,316

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Colorado (State of) Health Facilities Authority  
(Volunteers of America Care);

Series 2007 A, RB	5.25%	07/01/27	800	665,272
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Series 2007 A, RB	5.30%	07/01/37	600	432,090
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Colorado (State of) Regional Transportation District  
(Denver Transit Partners Eagle P3); Series 2010,  
Private Activity RB

6.50%	01/15/30	2,100	2,081,856
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Montezuma (County of) Hospital District (Health  
Facilities Enterprise); Series 2007, Ref. Hospital RB

5.90%	10/01/37	955	745,120
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Regional Transportation District (Denver Transit  
Partners Eagle P3); Series 2010, Private Activities  
RB

6.00%	01/15/34	1,700	1,563,303
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Salida Hospital District (Health Facilities  
Enterprise); Series 2006, Hospital RB

5.25%	10/01/36	2,048	1,565,901
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18,362,459

**Connecticut 1.14%**

Connecticut (State of) (Bradley International  
Airport); Series 2000 A, Special Obligation Parking  
RB (INS-ACA) <sup>(a)(e)</sup>

6.60%	07/01/24	3,580	3,323,457
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Connecticut (State of) Housing Finance Authority;  
Series 2010 D 2, Sub. Housing Mortgage Finance  
Program RB <sup>(e)</sup>

5.00%	05/15/31	2,500	2,386,325
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Hamden (Town of) (Whitney Center); Series 2009  
B, Facility Entrance Fee Principal Redemption RB

6.13%	01/01/14	2,150	2,157,955
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7,867,737

**District of Columbia 2.53%**

District of Columbia (Friendship Public Charter  
School, Inc.); Series 2003, RB (INS-ACA) <sup>(a)</sup>

5.75%	06/01/18	2,000	1,981,000
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District of Columbia (Sibley Memorial Hospital);

Series 2009, Hospital RB	6.50%	10/01/29	1,100	1,146,442
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Series 2009, Hospital RB	6.38%	10/01/34	3,650	3,753,477
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District of Columbia Water & Sewer Authority;

Series 2007 A, Public Utility RB  
(INS-AGM/NATL/FGIC) <sup>(a)</sup>

5.50%	10/01/41	6,000	6,169,560
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Series 2008 A, Ref. Public Utility Sub. Lien RB (INS-AGL) <sup>(a)(b)</sup>	5.00%	10/01/29	1,150	1,156,107
Series 2008 A, Ref. Public Utility Sub. Lien RB (INS-AGL) <sup>(a)(b)</sup>	5.00%	10/01/34	2,350	2,306,666
District of Columbia; Series 1993 E, Unlimited Tax GO Bonds <sup>(g)</sup>	6.00%	06/01/13	5	5,022
Metropolitan Washington Airports Authority; Series 2002 A, Airport System RB (INS-NATL/FGIC) <sup>(a)(e)</sup>	5.25%	10/01/32	1,000	946,110
				17,464,384
<b>Florida 24.18%</b>				
Alachua (County of) (North Florida Retirement Village);				
Series 2007, IDR	5.25%	11/15/17	1,000	929,040
Series 2007, IDR	5.88%	11/15/36	1,000	748,610

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
<b>Florida (continued)</b>				
Brevard (County of) Health Facilities Authority (Buena Vida Estates, Inc.); Series 2008, Residential Care Facility RB	6.75%	01/01/37	\$ 1,740	\$ 1,547,504
Brevard (County of) Health Facilities Authority (Health First, Inc.) Series 2005, RB	5.00%	04/01/34	4,960	4,337,470
Capital Trust Agency (Fort Lauderdale); Series 2003, Sr. RB <sup>(e)</sup>	5.75%	01/01/32	1,300	1,069,627
Citizens Property Insurance Corp.;				
Series 2010 A-1, Sr. High Risk Account Sec. RB	5.00%	06/01/14	4,000	4,191,400
Series 2010 A-1, Sr. High Risk Account Sec. RB	5.25%	06/01/17	3,410	3,529,418
Escambia (County of) Health Facilities Authority; Series 2000, Florida Health Care Facility Loan Veterans Health Administration Program RB (INS-AMBAC) <sup>(a)</sup>	5.95%	07/01/20	495	502,598
Florida (State of) Board of Education; Series 2005 D, Unlimited Tax GO Bonds <sup>(b)</sup>	4.75%	06/01/35	15,000	14,082,900
Florida (State of) Department of Transportation;				
Series 2004 A, Turnpike RB <sup>(b)</sup>	5.00%	07/01/29	7,295	7,290,331
Series 2008 A, Ref. Turnpike RB <sup>(b)</sup>	5.00%	07/01/26	1,910	1,915,195
Series 2008 A, Ref. Turnpike RB <sup>(b)</sup>	5.00%	07/01/27	1,935	1,921,010
Series 2008 A, Ref. Turnpike RB <sup>(b)</sup>	5.00%	07/01/28	2,100	2,058,063
Series 2008 A, Ref. Turnpike RB <sup>(b)</sup>	5.00%	07/01/32	2,500	2,431,050
Florida (State of) Housing Finance Corp. (Home Ownership Mortgage);				
Series 1991 B, RB <sup>(e)</sup>	8.60%	11/01/18	170	179,914
Series 2000, RB (INS-AGM) <sup>(a)(e)</sup>	6.25%	07/01/22	340	344,199

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Florida (State of) Ports Financing Commission (State Transportation Trust Fund); Series 1996, RB (INS-NATL) (a)(e)	5.38%	06/01/27	2,000	1,907,840
Florida (State of) Ports Financing Commission (State Transportation Trust Fund-Intermodal Program); Series 1999, RB (INS-NATL/FGIC) (a)(e)	5.50%	10/01/29	8,475	8,052,352
Gainesville (City of); Series 1980, Utility System RB (h)	8.13%	10/01/14	260	291,723
Gramercy Farms Community Development District; Series 2007 B, Special Assessment RB (j)(k)	5.10%	05/01/14	1,000	438,800
Gulf Breeze (City of) (Local Government Loan Program);				
Series 1985, RB (INS-FGIC) (a)(c)(d)	5.65%	12/01/17	500	505,165
Series 1985, RB (INS-FGIC) (a)(d)	5.80%	12/01/20	1,000	1,005,620
Hernando (County of) Sterling Hill Community Development; Series 2003 A, Capital Improvement RB	6.20%	05/01/35	1,250	1,053,662
Hillsborough (County of) Aviation Authority;				
Series 2008 A, RB (INS-AGL) (a)(b)(e)	5.38%	10/01/33	1,450	1,361,405
Series 2008 A, RB (INS-AGL) (a)(b)(e)	5.50%	10/01/38	3,260	3,061,825
Hillsborough (County of) Industrial Development Authority (Tampa Electric Co.) Series 2007 B, Ref. PCR (c)(d)	5.15%	09/01/13	1,225	1,310,395
Hillsborough (County of) Industrial Development Authority (Tampa Electric Co.); Series 2006, Ref. PCR (INS-AMBAC) (a)(c)(d)	5.00%	03/15/12	1,100	1,139,039
Hillsborough (County of) Industrial Development Authority (Tampa General Hospital); Series 2006, RB	5.25%	10/01/41	14,150	12,007,690
Hillsborough (County of) Port District (Tampa Port Authority); Series 2002 A, RB (INS-NATL) (a)(e)	5.38%	06/01/27	2,745	