

Invesco Insured Municipal Trust
Form N-Q
July 29, 2011

OMB APPROVAL

OMB Number: 3235-0578
Expires: April 30, 2013
Estimated average burden
hours per response: 5.6

**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 811-06434
Invesco Insured Municipal Trust**

(Exact name of registrant as specified in charter)

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

30309

(Address of principal executive offices)

(Zip code)

Philip A. Taylor 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: 5/31/11

Item 1. Schedule of Investments.

Invesco Insured Municipal Trust

Quarterly Schedule of Portfolio Holdings

May 31, 2011

Schedule of Investments

May 31, 2011

(Unaudited)

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|---|--------------------------|--------------------------|---------------------------------------|--------------|
| Municipal Obligations 149.81% | | | | |
| Alabama 0.84% | | | | |
| Birmingham (City of) Airport Authority; Series 2010, Airport RB (INS-AGM) ^(a) | 5.25% | 07/01/30 | \$ 1,300 | \$ 1,326,767 |
| Chatom (Town of) Industrial Development Board (PowerSouth Energy Cooperative); Series 2010 A, Ref. Gulf Opportunity Zone RB (INS-AGC) ^(a) | 5.00% | 08/01/37 | 700 | 704,816 |
| | | | | 2,031,583 |
| Arizona 2.30% | | | | |
| Arizona (State of); Series 2008 A, COP (INS-AGM) ^(a) | 5.00% | 09/01/27 | 1,305 | 1,321,678 |
| Arizona State University Board of Regents (Research Infrastructure); Series 2004, COP (INS-AMBAC) ^(a) | 5.00% | 09/01/30 | 2,000 | 2,013,860 |
| Glendale (City of) Industrial Development Authority (Midwestern University); Series 2010, RB | 5.00% | 05/15/35 | 350 | 325,087 |
| Series 2010, RB | 5.13% | 05/15/40 | 350 | 324,415 |
| Maricopa Pollution Control Corp. (Arizona Public Service Co. Palo Verde); Series 2009 A, Ref. PCR ^{(b)(c)} | 6.00% | 05/01/14 | 550 | 596,568 |
| Phoenix Civic Improvement Corp.; Series 2004, Jr. Lien Wastewater System RB (INS-NATL) ^(a) | 5.00% | 07/01/27 | 1,000 | 1,026,220 |
| | | | | 5,607,828 |
| California 26.19% | | | | |
| Alameda (County of) Joint Powers Authority (Juvenile Justice Refunding); Series 2008 A, Lease RB (INS-AGM) ^(a) | 5.00% | 12/01/24 | 1,205 | 1,264,997 |
| Alhambra Unified School District (Election of 2004); | | | | |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|--|-------|----------|--------|------------|
| Series 2009 B, Unlimited Tax CAB GO Bonds (INS-AGC) ^{(a)(d)} | 0.00% | 08/01/35 | 1,355 | 275,593 |
| Series 2009 B, Unlimited Tax CAB GO Bonds (INS-AGC) ^{(a)(d)} | 0.00% | 08/01/36 | 2,190 | 384,849 |
| Alvord Unified School District (Election of 2007); Series 2008 A, Unlimited Tax GO Bonds (INS-AGM) ^(a) | 5.00% | 08/01/27 | 945 | 963,465 |
| Anaheim (City of) Public Financing Authority (Electric System Distribution Facilities); Series 2007 A, RB (INS-NATL) ^{(a)(e)} | 4.50% | 10/01/37 | 16,000 | 14,653,280 |
| Beverly Hills Unified School District (Election of 2008); Series 2009, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/26 | 960 | 416,640 |
| Series 2009, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/31 | 1,850 | 552,835 |
| California (State of) Department of Water Resources; Series 2008 H, Power Supply RB (INS-AGM) ^(a) | 5.00% | 05/01/22 | 2,500 | 2,795,100 |
| California (State of) Health Facilities Financing Authority (Scripps Health); Series 2010 A, RB | 5.00% | 11/15/36 | 1,700 | 1,547,476 |
| California (State of) Statewide Communities Development Authority (Cottage Health System Obligated Group); Series 2010, RB | 5.00% | 11/01/40 | 800 | 730,056 |
| Clovis Unified School District (Election of 2004); Series 2004 A, Unlimited Tax CAB GO Bonds (INS-NATL) ^{(a)(d)} | 0.00% | 08/01/29 | 480 | 155,002 |
| Dry Creek Joint Elementary School District (Election of 2008); Series 2009 E, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/44 | 1,090 | 123,693 |
| Series 2009 E, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/45 | 6,270 | 666,313 |
| Series 2009 E, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/48 | 4,610 | 396,783 |
| East Bay Municipal Utility District; Series 2002 A, Ref. Sub. VRD Water System RB (INS-AGM) ^{(a)(f)} | 0.30% | 06/01/25 | 890 | 890,000 |
| Eastern Municipal Water District; Series 2006 A, Water & Sewer Revenue COP (INS-NATL) ^(a) | 5.00% | 07/01/32 | 4,000 | 4,027,480 |
| El Segundo Unified School District (Election of 2008); Series 2009 A, Unlimited Tax CAB GO | 0.00% | 08/01/32 | 2,705 | 674,573 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

Bonds ^(d)

| | | | | |
|--|-------|----------|-------|-----------|
| Fontana Unified School District (Election of 2006); Series 2008 B, Unlimited Tax CAB GO Bonds (INS-AGM) ^{(a)(d)} | 0.00% | 08/01/30 | 4,530 | 1,304,912 |
| Golden State Tobacco Securitization Corp.; Series 2005 A, Enhanced Tobacco Settlement Asset-Backed RB (INS-FGIC) ^(a) | 5.00% | 06/01/38 | 1,500 | 1,298,880 |
| Irvine (City of) (Reassessment District No. 85-7); Series 2007 A, VRD Limited Obligation Improvement Special Assessment Bonds (INS-AGM) ^{(a)(f)} | 0.80% | 09/02/32 | 4,000 | 4,000,000 |
| Kern (County of) Board of Education; Series 2006 A, Ref. COP (INS-NATL) ^(a) | 5.00% | 06/01/31 | 2,000 | 1,787,040 |

**See accompanying notes which are an integral part of this schedule.
Invesco Insured Municipal Trust**

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|--|------------------|------------------|------------------------------|------------|
| California (continued) | | | | |
| Los Angeles (City of) Department of Airports (Los Angeles International Airport); Series 2010 B, Sub. RB | 5.00% | 05/15/40 | \$ 700 | \$ 691,012 |
| Los Angeles (City of); Series 2004 A, Unlimited Tax GO Bonds (INS-NATL) ^(a) | 5.00% | 09/01/24 | 3,000 | 3,178,800 |
| Moreland School District (Crossover); Series 2014 C, Ref. Unlimited Tax CAB GO Bonds (INS-AMBAC) ^{(a)(d)} | 0.00% | 08/01/29 | 1,505 | 462,622 |
| Oak Grove School District (Election of 2008); Series 2009 A, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/28 | 1,080 | 361,994 |
| Oakland (City of) Joint Powers Financing Authority (Oakland Administration Buildings); Series 2008 B, Ref. Lease RB (INS-AGC) ^(a) | 5.00% | 08/01/23 | 725 | 743,959 |
| Series 2008 B, Ref. Lease RB (INS-AGC) ^(a) | 5.00% | 08/01/25 | 500 | 508,245 |
| Oakland (Port of); Series 2002 L, RB ^{(c)(g)(h)} | 5.00% | 11/01/12 | 110 | 117,258 |
| Series 2002 L, RB (INS-NATL) ^{(a)(h)} | 5.00% | 11/01/21 | 890 | 895,651 |
| Patterson Joint Unified School District (Election of 2008); Series 2008 B, Unlimited Tax CAB GO Bonds (INS-AGM) ^{(a)(d)} | 0.00% | 03/01/49 | 4,240 | 319,484 |
| Series 2009 B, Unlimited Tax CAB GO Bonds (INS-AGM) ^{(a)(d)} | 0.00% | 08/01/47 | 5,700 | 482,733 |
| Series 2009 B, Unlimited Tax CAB GO Bonds (INS-AGM) ^{(a)(d)} | 0.00% | 08/01/48 | 7,670 | 603,399 |
| Poway Unified School District (Election of 2008 - School Facilities Improvement District No. 2007-1); Series 2009 A, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/28 | 3,210 | 1,075,928 |
| Series 2009 A, Unlimited Tax CAB GO Bonds ^(d) | 0.00% | 08/01/31 | 3,470 | 931,279 |
| Regents of the University of California; | | | | |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|--|-------|----------|-------|------------|
| Series 2007 J, General RB (INS-AGM) ^{(a)(e)} | 4.50% | 05/15/31 | 3,310 | 3,160,818 |
| Series 2007 J, General RB (INS-AGM) ^{(a)(e)} | 4.50% | 05/15/35 | 2,690 | 2,438,808 |
| San Diego (County of) Water Authority; Series 2004 A, Water Revenue COP (INS-AGM) ^{(a)(e)} | 5.00% | 05/01/29 | 5,000 | 5,105,750 |
| San Francisco (City & County of) (Laguna Honda Hospital); Series 2008 R-3, Ref. Unlimited Tax GO Bonds (INS-AGC) ^{(a)(e)} | 5.00% | 06/15/28 | 1,000 | 1,023,260 |
| Twin Rivers Unified School District (School Facility Bridge Funding Program); Series 2007, COP (INS-AGM) ^{(a)(b)(c)} | 3.50% | 05/31/13 | 1,700 | 1,700,680 |
| University of California; Series 2005 B, Limited RB (INS-AGM) ^(a) | 5.00% | 05/15/30 | 1,000 | 1,015,190 |
| | | | | 63,725,837 |
| Colorado 0.94% | | | | |
| Colorado (State of) Regional Transportation District (Denver Transit Partners Eagle P3); Series 2010, Private Activity RB | 6.00% | 01/15/41 | 1,075 | 1,077,902 |
| Denver (City of) Convention Center Hotel Authority; Series 2006, Ref. Sr. RB (INS-SGI) ^(a) | 5.00% | 12/01/35 | 1,500 | 1,204,290 |
| | | | | 2,282,192 |
| Connecticut 0.52% | | | | |
| Connecticut (State of) Health & Educational Facility Authority (Quinnipiac University Health & Education); Series 2007 K-1, RB (INS-NATL) ^(a) | 5.00% | 07/01/27 | 1,225 | 1,258,381 |
| District of Columbia 6.43% | | | | |
| District of Columbia Water & Sewer Authority; Series 2008 A, Ref. Public Utility Sub. Lien RB (INS-AGC) ^(a) | 5.00% | 10/01/28 | 500 | 526,120 |
| Series 2008 A, Ref. Public Utility Sub. Lien RB (INS-AGC) ^(a) | 5.00% | 10/01/29 | 625 | 653,631 |
| District of Columbia; Series 2006 B-1, Ballpark RB (INS-NATL) ^(a) | 5.00% | 02/01/31 | 4,000 | 3,700,040 |
| Series 2008 E, Unlimited Tax GO Bonds (INS-BHAC) ^{(a)(e)} | 5.00% | 06/01/26 | 2,000 | 2,126,720 |
| Series 2008 E, Unlimited Tax GO Bonds (INS-BHAC) ^{(a)(e)} | 5.00% | 06/01/27 | 2,000 | 2,112,940 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|---|-------|----------|-------|------------|
| Series 2008 E, Unlimited Tax GO Bonds (INS-BHAC) ^{(a)(e)} | 5.00% | 06/01/28 | 4,000 | 4,198,520 |
| Series 2009 A, Sec. Income Tax RB ^(e) | 5.25% | 12/01/27 | 2,100 | 2,328,270 |
| | | | | 15,646,241 |
| Florida 9.94% | | | | |
| Citizens Property Insurance Corp. (High Risk Account); Series 2010 A-1, Sr. Sec. RB | 5.00% | 06/01/14 | 2,200 | 2,338,798 |
| Miami-Dade (County of) (Building Better Communities Program); Series 2009 B-1, Unlimited Tax GO Bonds | 6.00% | 07/01/38 | 1,000 | 1,079,070 |

See accompanying notes which are an integral part of this schedule.
Invesco Insured Municipal Trust

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|---|------------------|------------------|------------------------------|--------------|
| Florida (continued) | | | | |
| Miami-Dade (County of) (Miami International Airport); Series 2003 B, Aviation RB (INS-NATL) (a)(h) | 5.25% | 10/01/18 | \$ 2,155 | \$ 2,221,115 |
| Series 2003 B, Aviation RB (INS-NATL) (a)(h) | 5.25% | 10/01/19 | 2,270 | 2,327,249 |
| Miami-Dade (County of) Educational Facilities Authority (University of Miami); Series 2008 A, RB (INS-BHAC) (a) | 5.50% | 04/01/38 | 1,500 | 1,535,940 |
| Miami-Dade (County of) Expressway Authority; Series 2010 A, Ref. Toll System RB (INS-AGC) (a) | 5.00% | 07/01/35 | 1,225 | 1,212,260 |
| Miami-Dade (County of); Series 2010, Water & Sewer System RB (INS-AGM) (a) | 5.00% | 10/01/39 | 1,600 | 1,609,968 |
| Mid-Bay Bridge Authority; Series 2008 A, Ref. RB (INS-AGC) (a) | 5.00% | 10/01/27 | 1,265 | 1,231,187 |
| Palm Beach (County of) Solid Waste Authority; Series 2009, Improvement RB (INS-BHAC) (a) | 5.50% | 10/01/23 | 1,200 | 1,357,020 |
| Port St. Lucie (City of); Series 2009, Ref. Utility System RB (INS-AGC) (a) | 5.00% | 09/01/29 | 1,000 | 1,026,520 |
| Tampa (City of) Sports Authority; Series 2005, Ref. Sales Tax RB (INS-AGM) (a) | 5.00% | 01/01/26 | 2,185 | 2,242,138 |
| Tampa Bay Water Utility System; Series 2001 B, RB (INS-NATL) (a) | 5.00% | 10/01/31 | 6,000 | 6,004,320 |
| | | | | 24,185,585 |
| Georgia 4.00% | | | | |
| Atlanta (City of); Series 1999 A, Water & Wastewater RB (INS-NATL) (a) | 5.00% | 11/01/29 | 2,000 | 2,000,200 |
| Series 2004 C, Airport Passenger Facility Charge & Sub. Lien General RB (INS-AGM) (a)(e) | 5.00% | 01/01/33 | 5,000 | 5,010,400 |
| Series 2010 A, General Airport RB (INS-AGM) (a) | 5.00% | 01/01/35 | 1,590 | 1,593,784 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|---|-------|----------|-------|------------|
| Metropolitan Atlanta Rapid Transit Authority; Series 2007 B, Ref. Third Indenture Sales Tax RB (INS-AGM) ^(a) | 5.00% | 07/01/34 | 1,110 | 1,119,513 |
| | | | | 9,723,897 |
| Hawaii 6.36% | | | | |
| Hawaii (State of); Series 2001, Ref. Airports System RB (INS-NATL) ^{(a)(h)} | 5.25% | 07/01/21 | 5,000 | 5,003,700 |
| Honolulu (City & County of); Series 2003 A, Unlimited Tax GO Bonds (INS-NATL) ^(a) | 5.25% | 03/01/25 | 5,000 | 5,276,150 |
| Series 2003 A, Unlimited Tax GO Bonds (INS-NATL) ^(a) | 5.25% | 03/01/26 | 5,000 | 5,203,200 |
| | | | | 15,483,050 |
| Idaho 1.65% | | | | |
| Idaho (State of) Health Facilities Authority (St. Luke s Regional Medical Center); Series 2005, RB (INS-AGM) ^(a) | 5.00% | 07/01/35 | 1,775 | 1,793,655 |
| Idaho (State of) Housing & Finance Association (Federal Highway Trust Fund); Series 2008 A, Grant & RAB (INS-AGC) ^(a) | 5.25% | 07/15/25 | 2,065 | 2,228,156 |
| | | | | 4,021,811 |
| Illinois 15.83% | | | | |
| Chicago (City of) (O Hare International Airport); Series 2005 A, General Airport Third Lien RB (INS-NATL) ^(a) | 5.25% | 01/01/25 | 3,000 | 3,094,020 |
| Chicago (City of) O Hare International Airport; Series 2003 B-2, Third Lien General Airport RB (INS-AGM) ^{(a)(h)} | 5.75% | 01/01/23 | 2,000 | 2,060,980 |
| Chicago (City of) Transit Authority (FTA Section 5309 Fixed Guideway Modernization Formula Funds); Series 2008, Capital Grant Receipts RB (INS-AGC) ^(a) | 5.25% | 06/01/26 | 1,370 | 1,391,235 |
| Chicago (City of); Series 2001 A, Ref. Project Unlimited Tax GO Bonds (INS-NATL) ^(a) | 5.56% | 01/01/21 | 2,000 | 2,127,500 |
| Series 2001 A, Ref. Project Unlimited Tax GO Bonds (INS-NATL) ^(a) | 5.58% | 01/01/22 | 2,000 | 2,112,020 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|--|-------|----------|--------|------------|
| Series 2007 A, Ref. Project Unlimited Tax GO Bonds (INS-AGM) ^{(a)(e)(i)} | 5.00% | 01/01/37 | 6,070 | 5,820,341 |
| Series 2008, Ref. Water Second Lien RB (INS-AGM) ^(a) | 5.00% | 11/01/27 | 940 | 967,833 |
| DeKalb County Community Unit School District No. 428; Series 2008, Unlimited Tax GO Bonds (INS-AGM) ^(a) | 5.00% | 01/01/27 | 670 | 698,375 |
| Series 2008, Unlimited Tax GO Bonds (INS-AGM) ^(a) | 5.00% | 01/01/28 | 305 | 316,499 |
| Illinois (State of) Finance Authority (Northwestern Memorial Hospital); Series 2009 B, RB | 5.75% | 08/15/30 | 1,635 | 1,714,330 |
| Illinois (State of) Finance Authority (Swedish Covenant Hospital); Series 2010 A, Ref. RB | 5.75% | 08/15/29 | 1,300 | 1,259,973 |
| Illinois (State of); First Series 2001, Unlimited Tax GO Bonds (INS-NATL) ^{(a)(e)} | 5.38% | 04/01/15 | 10,000 | 10,959,100 |
| Railsplitter Tobacco Settlement Authority; Series 2010, RB | 5.50% | 06/01/23 | 1,480 | 1,472,304 |

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

Invesco Insured Municipal Trust

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|--|------------------|------------------|------------------------------|--------------|
| Illinois (continued) | | | | |
| Regional Transportation Authority; Series 1999, Ref. RB (INS-AGM) ^(a) | 5.75% | 06/01/21 | \$ 4,000 | \$ 4,520,880 |
| | | | | 38,515,390 |
| Iowa 4.41% | | | | |
| Iowa (State of), Series 2001, Vision Special Fund RB (INS-NATL) ^(a) | 5.50% | 02/15/19 | 3,600 | 4,295,196 |
| Series 2001, Vision Special Fund RB (INS-NATL) ^(a) | 5.50% | 02/15/20 | 2,500 | 2,979,625 |
| Iowa (State of) (Iowa infrastructure Investment Program); Series 2009 A, Special Obligation RB ^{(e)(i)} | 5.00% | 06/01/25 | 1,810 | 1,984,394 |
| Series 2009 A, Special Obligation RB ^{(e)(i)} | 5.00% | 06/01/26 | 1,355 | 1,473,576 |
| | | | | 10,732,791 |
| Kansas 0.72% | | | | |
| Kansas (State of) Development Finance Authority (Adventist Health System/Sunbelt Obligated Group); Series 2009 C, Hospital RB | 5.50% | 11/15/29 | 615 | 656,949 |
| Wyandotte (County of) & Kansas City (City of) Unified Government; Series 2009 A, Utility System Improvement RB (INS-BHAC) ^(a) | 5.25% | 09/01/34 | 1,060 | 1,095,680 |
| | | | | 1,752,629 |
| Kentucky 1.33% | | | | |
| Kentucky (Commonwealth of) State Property & Buildings Commission (Project No. 93); Series 2009, Ref. RB (INS-AGC) ^(a) | 5.25% | 02/01/28 | 1,640 | 1,739,089 |
| Louisville & Jefferson County Visitors & Convention Commission (International Convention Center); Series 2004 B, Ref. VRD Dedicated Tax RB (INS-AGM) ^{(a)(f)} | 0.14% | 12/01/22 | 1,500 | 1,500,000 |
| | | | | 3,239,089 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

Louisiana 1.29%

| | | | | |
|---|-------|----------|-------|-----------|
| Lafayette (City of) Public Trust Financing Authority (Ragin Cajun Facilities, Inc. Housing & Parking); Series 2010, RB (INS-AGM) ^(a) | 5.50% | 10/01/35 | 1,600 | 1,633,232 |
| Louisiana (State of) Public Facilities Authority (Baton Rouge General Medical Center); Series 2004, FHA Insured Mortgage RB (INS-NATL) ^(a) | 5.25% | 07/01/33 | 1,500 | 1,505,220 |
| | | | | 3,138,452 |

Maryland 1.05%

| | | | | |
|---|-------|----------|-------|-----------|
| Maryland (State of) Economic Development Corp. (Maryland Aviation Administration Facilities); Series 2003, Lease RB (INS-AGM) ^{(a)(h)} | 5.38% | 06/01/22 | 2,500 | 2,557,625 |
|---|-------|----------|-------|-----------|

Massachusetts 5.75%

| | | | | |
|--|-------|----------|-------|------------|
| Massachusetts (State of) Health & Educational Facilities Authority (Boston College); Series 2008 M-2, RB | 5.50% | 06/01/30 | 2,000 | 2,365,620 |
| Massachusetts (State of) Health & Educational Facilities Authority (Harvard University); Series 2009 A, RB ^(e) | 5.50% | 11/15/36 | 6,460 | 7,068,338 |
| Massachusetts (State of) Health & Educational Facilities Authority (Massachusetts Institute of Technology); Series 2009 O, RB ^(e) | 5.50% | 07/01/36 | 2,090 | 2,264,891 |
| Massachusetts (State of) Water Resources Authority; Series 2007 B, Ref. General RB (INS-AGM) ^(a) | 5.25% | 08/01/31 | 2,000 | 2,282,160 |
| | | | | 13,981,009 |

Michigan 1.48%

| | | | | |
|---|-------|----------|-------|-----------|
| Detroit (City of); Series 2006 C, Ref. Second Lien Water Supply System RB (INS-AGM) ^(a) | 5.00% | 07/01/26 | 1,200 | 1,177,524 |
| Wayne State University Board of Governors; Series 2008, Ref. General RB (INS-AGM) ^(a) | 5.00% | 11/15/29 | 1,190 | 1,228,449 |
| Western Michigan University Board of Trustees; Series 2008, General RB (INS-AGM) ^(a) | 5.00% | 11/15/23 | 1,125 | 1,192,275 |
| | | | | 3,598,248 |

Minnesota 1.73%

| | | | | |
|---|-------|----------|-----|---------|
| Minneapolis & St. Paul (Cities of) Housing & Redevelopment Authority (Children s Hospital Clinics); 2007 A, VRD Health Care System RB | 0.08% | 08/15/37 | 400 | 400,000 |
|---|-------|----------|-----|---------|

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

(INS-AGM) (a)(f)

Minneapolis (City of) (Fairview Health Services);
Series 2005 D, Health Care System RB

| | | | | |
|-----------------|-------|----------|-------|-----------|
| (INS-AMBAC) (a) | 5.00% | 11/15/34 | 4,000 | 3,798,680 |
| | | | | 4,198,680 |

See accompanying notes which are an integral part of this schedule.
Invesco Insured Municipal Trust

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|---|------------------|------------------|------------------------------|------------|
| Missouri 1.19% | | | | |
| Kansas City (City of) Industrial Development Authority (Downtown Redevelopment District); Series 2011 A, Ref. RB | 5.50% | 09/01/24 | \$ 295 | \$ 321,724 |
| Series 2011 A, Ref. RB | 5.50% | 09/01/25 | 515 | 556,658 |
| Missouri (State of) Joint Municipal Electric Utility Commission (Plum Point); Series 2006, Power RB (INS-NATL) ^(a) | 5.00% | 01/01/25 | 2,000 | 2,019,060 |
| | | | | 2,897,442 |
| Montana 0.31% | | | | |
| Montana (State of) Facility Finance Authority (Benefis Health System Obligated Group); Series 2011 A, Hospital RB (INS-AGC) ^(a) | 5.75% | 01/01/31 | 715 | 749,020 |
| Nevada 5.48% | | | | |
| Clark (County of); Series 1992 B, Unlimited Tax GO Bonds (INS-AMBAC) ^(a) | 6.50% | 06/01/17 | 4,000 | 4,906,360 |
| Nevada (State of); Series 2008 C, Capital Improvement & Cultural Affairs Limited Tax GO Bonds (INS-AGM) ^{(a)(e)} | 5.00% | 06/01/26 | 8,000 | 8,431,840 |
| | | | | 13,338,200 |
| New Jersey 3.21% | | | | |
| New Jersey (State of) Economic Development Authority (Provident Group-Montclair Properties LLC Montclair State University Student Housing); Series 2010 A, RB | 5.88% | 06/01/42 | 710 | 660,023 |
| New Jersey (State of) Economic Development Authority; Subseries 2005 N-1, Ref. School Facilities Construction RB (INS-AMBAC) ^(a) | 5.50% | 09/01/24 | 1,195 | 1,310,449 |
| New Jersey (State of) Educational Facilities Authority (Rowan University); Series 2008 B, Ref. RB (INS-AGC) ^(a) | 5.00% | 07/01/26 | 510 | 538,111 |
| New Jersey (State of) Housing & Mortgage Finance Agency; Series 2000 CC, Home Buyer RB | 5.88% | 10/01/31 | 400 | 400,172 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

(INS-NATL) ^{(a)(h)}

| | | | | |
|--|-------|----------|-------|-----------|
| New Jersey (State of) Transportation Trust Fund Authority; Series 2006 C, Transportation System CAB RB (INS-AGC) ^{(a)(d)} | 0.00% | 12/15/26 | 5,860 | 2,388,478 |
| New Jersey (State of) Turnpike Authority; Series 2003 A, RB (INS-AMBAC) ^(a) | 5.00% | 01/01/30 | 2,500 | 2,513,875 |
| | | | | 7,811,108 |
| New Mexico 0.62% | | | | |
| Albuquerque (City of); Series 2004 A, Ref. Gross Receipts Lodgers Tax RB (INS-AGM) ^(a) | 5.00% | 07/01/37 | 1,500 | 1,513,365 |
| New York 13.99% | | | | |
| Metropolitan Transportation Authority; Series 2002 A, Ref. RB (INS-AMBAC) ^(a) | 5.50% | 11/15/17 | 9,000 | 9,543,870 |
| Series 2002 A, Ref. RB (INS-NATL) ^(a) | 5.00% | 11/15/25 | 2,000 | 2,031,700 |
| Series 2002 B, RB (INS-NATL) ^(a) | 5.50% | 07/01/20 | 6,805 | 7,097,071 |
| Series 2010 D, Transportation RB | 5.00% | 11/15/34 | 1,100 | 1,096,205 |
| New York (State of) Dormitory Authority (Montefiore Hospital); Series 2004, FHA Insured Mortgage RB (INS-NATL) ^(a) | 5.00% | 08/01/29 | 2,000 | 2,022,880 |
| New York (State of) Dormitory Authority (The City of New York); Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(a) | 5.50% | 05/15/28 | 1,000 | 1,117,070 |
| Series 2005 A, Court Facilities Lease RB (INS-AMBAC) ^(a) | 5.50% | 05/15/29 | 940 | 1,043,221 |
| New York (State of) Energy Research & Development Authority (Brooklyn Union Gas Company); Series 1996, Gas Facilities RB (INS-NATL) ^(a) | 5.50% | 01/01/21 | 5,000 | 5,016,900 |
| New York (State of) Thruway Authority; Series 2009 A, State Personal Income Tax Transportation RB | 5.00% | 03/15/25 | 1,725 | 1,893,205 |
| New York City (City of) Industrial Development Agency (Queens Baseball Stadium); Series 2006, PILOT RB (INS-AMBAC) ^(a) | 5.00% | 01/01/31 | 1,000 | 872,630 |
| | 5.00% | 03/01/46 | 1,045 | 926,904 |

New York City (City of) Industrial Development
Agency (Yankee Stadium); Series 2006, PILOT RB
(INS-FGIC) ^(a)

See accompanying notes which are an integral part of this schedule.
Invesco Insured Municipal Trust

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|---|------------------|------------------|------------------------------|--------------|
| New York (continued) | | | | |
| New York City (City of); Subseries 2001 A-6, VRD Unlimited Tax GO Bonds (INS-AGM) ^{(a)(f)} | 0.45% | 11/01/26 | \$ 1,375 | \$ 1,375,000 |
| | | | | 34,036,656 |
| Ohio 1.14% | | | | |
| Cleveland (City of); Series 2008 B-1, Public Power System CAB RB (INS-NATL) ^{(a)(d)} | 0.00% | 11/15/28 | 2,125 | 803,887 |
| Series 2008 B-1, Public Power System CAB RB (INS-NATL) ^{(a)(d)} | 0.00% | 11/15/38 | 2,800 | 547,428 |
| Ohio (State of) Higher Educational Facility Commission (Summa Health System); Series 2010, RB | 5.75% | 11/15/35 | 700 | 662,263 |
| Ohio (State of) Water Development Authority (FirstEnergy Nuclear Generation Corp.); Series 2009 A, Ref. PCR ^{(b)(c)} | 5.88% | 06/01/16 | 700 | 771,540 |
| | | | | 2,785,118 |
| Oregon 0.73% | | | | |
| Oregon (State of) Department of Administrative Services; Series 2005 B, COP (INS-NATL) ^(a) | 5.00% | 11/01/24 | 1,685 | 1,768,694 |
| Pennsylvania 7.27% | | | | |
| Delaware (County of) Industrial Development Authority (Aqua Pennsylvania, Inc.); Series 2005 A, Water Facilities RB (INS-NATL) ^{(a)(h)} | 5.00% | 11/01/37 | 1,500 | 1,456,065 |
| Pennsylvania (State of) Economic Development Financing Authority (Waste Management, Inc.); Series 2004 A, Solid Waste Disposal RB ^{(b)(c)} | 3.70% | 05/01/15 | 1,400 | 1,438,024 |
| Pennsylvania (State of) Turnpike Commission; Series 2001 R, Turnpike RB (INS-AMBAC) ^(a) | 5.00% | 12/01/26 | 3,000 | 3,023,100 |
| Series 2004 A, RB (INS-AMBAC) ^(a) | 5.00% | 12/01/34 | 4,000 | 3,884,280 |
| Philadelphia (City of); Series 2009 B, Limited Tax GO Bonds (INS-AGC) ^(a) | 7.13% | 07/15/38 | 720 | 798,098 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|--|-------|----------|-------|------------|
| Philadelphia School District; Series 2008 E, Limited Tax GO Bonds (INS-BHAC) ^(a) | 5.13% | 09/01/23 | 1,000 | 1,075,670 |
| York (City of) General Authority (Harrisburg Parking Authority); Series 1996 C, Pooled Financing VRD RB (INS-AGM) ^{(a)(f)} | 0.23% | 09/01/26 | 6,000 | 6,000,000 |
| | | | | 17,675,237 |
| Puerto Rico 1.13% | | | | |
| Puerto Rico Sales Tax Financing Corp.; 2010 C, First Sub. Sales Tax RB | 5.25% | 08/01/41 | 1,650 | 1,577,780 |
| First Sub. Series 2009 A, RB ^{(b)(c)(g)} | 5.00% | 08/01/11 | 1,160 | 1,169,361 |
| | | | | 2,747,141 |
| South Carolina 2.44% | | | | |
| Piedmont Municipal Power Agency; Series 2008 C, Ref. Electric RB (INS-AGC) ^(a) | 5.75% | 01/01/34 | 2,645 | 2,775,901 |
| South Carolina (State of) Medical University Hospital Authority; Series 2004 A, Ref. FHA Insured Mortgage Hospital Facilities RB (INS-NATL) ^(a) | 5.25% | 02/15/25 | 1,000 | 1,034,460 |
| South Carolina (State of) Public Service Authority; Series 2003 A, Ref. RB (INS-AMBAC) ^{(a)(e)} | 5.00% | 01/01/22 | 2,000 | 2,124,760 |
| | | | | 5,935,121 |
| Texas 9.50% | | | | |
| Austin (City of); Series 2001, Ref. Water & Wastewater System RB (INS-AGM) ^(a) | 5.13% | 05/15/27 | 1,840 | 1,841,582 |
| Capital Area Cultural Education Facilities Finance Corp. (The Roman Catholic Diocese of Austin); Series 2005 B, RB | 6.13% | 04/01/45 | 700 | 701,113 |
| Friendswood Independent School District; Series 2008, Schoolhouse Unlimited Tax GO Bonds (CEP-Texas Permanent School Fund) | 5.00% | 02/15/27 | 800 | 861,464 |
| Harris Health Facilities Development Corp. (TECO); Series 2008, Thermal Utility RB (INS-AGC) ^(a) | 5.00% | 11/15/27 | 1,840 | 1,905,338 |
| Houston (City of) Community College System; Series 2008, Sr. Lien Student Fee RB (INS-AGM) ^(a) | 4.50% | 04/15/27 | 225 | 227,176 |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

Houston (City of) Convention & Entertainment
Facilities Department; Series 2001 B, Hotel
Occupancy Tax & Special CAB RB (INS-AGM)
(a)(d)

0.00% 09/01/27 3,615 1,438,915

Houston (City of); Series 2004 B, Ref. First Lien
Combined Utility System RB (INS-NATL) (a)

5.25% 05/15/23 4,465 4,831,755

See accompanying notes which are an integral part of this schedule.
Invesco Insured Municipal Trust

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | Interest Rate | Maturity Date | Principal Amount (000) | Value |
|---|------------------|------------------|------------------------------|--------------|
| Texas (continued) | | | | |
| Houston Community College System; Series 2008, Sr. Lien Student Fee RB (INS-AGM) ^(a) | 5.00% | 04/15/26 | \$ 1,000 | \$ 1,056,750 |
| North Texas Tollway Authority; Series 2008 D, Ref. First Tier System CAB RB (INS-AGC) ^{(a)(d)} | 0.00% | 01/01/28 | 6,700 | 2,481,479 |
| Series 2008 D, Ref. First Tier System CAB RB (INS-AGC) ^{(a)(d)} | 0.00% | 01/01/31 | 1,455 | 433,474 |
| San Antonio (City of); Series 2002 A, Water System RB (INS-AGM) ^(a) | 5.00% | 05/15/32 | 2,000 | 2,002,900 |
| San Jacinto (City of) River Authority (Groundwater Reduction Plan Division); Series 2011, Special Project RB (INS-AGM) ^(a) | 5.00% | 10/01/32 | 810 | 812,956 |
| Series 2011, Special Project RB (INS-AGM) ^(a) | 5.00% | 10/01/37 | 885 | 876,628 |
| Texas (State of) Turnpike Authority; Series 2002, First Tier CAB RB (INS-BHAC) ^{(a)(d)} | 0.00% | 08/15/27 | 5,735 | 2,288,552 |
| Victoria Independent School District; Series 2008, School Building Unlimited Tax GO Bonds (CEP-Texas Permanent School Fund) | 5.00% | 02/15/24 | 410 | 452,382 |
| Series 2008, School Building Unlimited Tax GO Bonds (CEP-Texas Permanent School Fund) | 5.00% | 02/15/25 | 815 | 890,159 |
| | | | | 23,102,623 |
| Utah 1.56% | | | | |
| Utah (State of) Transit Authority; Series 2008 A, Sales Tax RB (INS-AGM) ^(a) | 5.00% | 06/15/36 | 3,690 | 3,794,575 |
| Virginia 1.52% | | | | |
| Roanoke (City of) Economic Development Authority (Carilion Clinic Obligated Group); Series 2010, Ref. Hospital RB | 5.00% | 07/01/33 | 975 | 955,802 |
| Roanoke (City of) Industrial Development Authority (Carilion Health System Obligated Group); | | | | |

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

| | | | | |
|--|-------|----------|-------|--------------|
| Series 2005 A-2, Hospital VRD IDR (INS-AGM) (a)(f) | 0.14% | 07/01/36 | 1,900 | 1,900,000 |
| Series 2005 B, Hospital RB (INS-AGM) (a) | 5.00% | 07/01/38 | 850 | 832,057 |
| | | | | 3,687,859 |
| Washington 5.54% | | | | |
| Cowlitz (County of) Public Utility District No. 1; Series 2006, Production System RB (INS-NATL) (a) | 5.00% | 09/01/31 | 3,000 | 3,022,500 |
| King (County of); Series 2001, Ref. Sewer RB (INS-NATL) (a) | 5.00% | 01/01/31 | 3,000 | 3,004,320 |
| Washington (State of) Health Care Facilities Authority (Multi Health System); Series 2007 D, VRD RB (INS-AGM) (a)(f) | 0.14% | 08/15/41 | 500 | 500,000 |
| Washington (State of); Series 2010 A, Various Purpose Unlimited Tax GO Bonds (e) | 5.00% | 08/01/29 | 3,170 | 3,392,249 |
| Series 2010 A, Various Purpose Unlimited Tax GO Bonds (e) | 5.00% | 08/01/30 | 3,335 | 3,552,075 |
| | | | | 13,471,144 |
| West Virginia 0.56% | | | | |
| West Virginia (State of) Economic Development Authority (Appalachian Power Co. Amos); Series 2010 A, Ref. Solid Waste Disposal Facilities RB (b) | 5.38% | 12/01/38 | 1,400 | 1,371,454 |
| Wisconsin 0.86% | | | | |
| Wisconsin (State of); Series 2009 A, General Fund Annual Appropriation RB | 5.63% | 05/01/28 | 1,900 | 2,089,411 |
| TOTAL INVESTMENTS ^(j) 149.81% (Cost \$358,660,144) | | | | 364,454,486 |
| FLOATING RATE NOTE OBLIGATIONS | | | | |
| (22.19)% | | | | |
| Notes with interest rates ranging from 0.18% to 0.73% at 05/31/11 and contractual maturities of collateral ranging from 04/01/15 to 10/01/37 ^(k) (See Note 1D) | | | | (53,975,000) |
| OTHER ASSETS LESS LIABILITIES (0.88)% | | | | (2,152,334) |
| PREFERRED SHARES (26.74)% | | | | (65,050,000) |

NET ASSETS APPLICABLE TO COMMON
SHARES 100.00%

\$ 243,277,152

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

Invesco Insured Municipal Trust

Investment Abbreviations:

| | |
|-------|--|
| AGC | Assured Guaranty Corp. |
| AGM | Assured Guaranty Municipal Corp. |
| AMBAC | American Municipal Bond Assurance Corp.* |
| BHAC | Berkshire Hathaway Assurance Corp. |
| CAB | Capital Appreciation Bonds |
| CEP | Credit Enhancement Provider |
| COP | Certificates of Participation |
| FGIC | Financial Guaranty Insurance Co. |
| FHA | Federal Housing Administration |
| FTA | Federal Transit Administration |
| GO | General Obligation |
| IDR | Industrial Development Revenue Bonds |
| INS | Insurer |
| NATL | National Public Finance Guarantee Corp. |
| PCR | Pollution Control Revenue Bonds |
| PILOT | Payment-in-Lieu-of-Tax |
| RAB | Revenue Anticipation Bonds |
| RB | Revenue Bonds |
| Ref. | Refunding |
| SGI | Syncora Guarantee, Inc. |
| Sr. | Senior |
| Sub. | Subordinated |
| VRD | Variable Rate Demand |

Notes to Schedule of Investments:

- (a) Principal and/or interest payments are secured by the bond insurance company listed.
- (b) Interest or dividend rate is redetermined periodically. Rate shown is the rate in effect on May 31, 2011.
- (c) Security has an irrevocable call by the issuer or mandatory put by the holder. Maturity date reflects such call or put.
- (d) Zero coupon bond issued at a discount.
- (e) Underlying security related to Special Purpose Trusts entered into by the Trust. See Note 1D.
- (f) 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, 2011.
- (g) Advance refunded; secured by an escrow fund of U.S. Government obligations or other highly rated collateral.
- (h) Security subject to the alternative minimum tax.
- (i) Security is subject to a shortfall agreement which may require the Trust to pay amounts to a counterparty in the event of a significant decline in the market value of the security underlying the Dealer Trusts. In case of a shortfall, the maximum potential amount of payments the Trust could ultimately be required to make under the agreement is \$6,175,000. However, such shortfall payment would be reduced by the proceeds from the sale of the

security underlying the Dealer Trusts.

- (i) This table provides a listing of those entities that have either issued, guaranteed, backed or otherwise enhanced the credit quality of more than 5% of the securities held in the portfolio. In instances where the entity has guaranteed, backed or otherwise enhanced the credit quality of a security, it is not primarily responsible for the issuer's obligations but may be called upon to satisfy the issuer's obligations.

| Entities | Percentage |
|---|-------------------|
| National Public Finance Guarantee Corp. | 33.2% |
| Assured Guaranty Municipal Corp. | 27.7 |
| American Municipal Bond Assurance Corp. * | 10.0 |
| Assured Guaranty Corp. | 7.1 |

- (k) Floating rate note obligations related to securities held. The interest rates shown reflect the rates in effect at May 31, 2011. At May 31, 2011, the Trust's investments with a value of \$89,230,330 are held by Dealer Trusts and serve as collateral for the \$53,975,000 in the floating rate note obligations outstanding at that date.

* AMBAC filed for bankruptcy on November 8, 2010.

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

Invesco Insured Municipal Trust

Notes to Quarterly Schedule of Portfolio Holdings

May 31, 2011

(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, yield, quality, coupon rate, maturity, type of issue, individual trading characteristics and other market data. Short-term obligations, including commercial paper, having 60 days or less to maturity are recorded at amortized cost which approximates value. Securities with a demand feature exercisable within one to seven days are valued at par. Debt securities are subject to interest rate and credit risks. In addition, all debt securities involve some risk of default with respect to interest and principal payments.

Securities for which market quotations either are not readily available or are 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.

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 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 Statement of Changes in Net Assets, or the net investment income per share and 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

Edgar Filing: Invesco Insured Municipal Trust - Form N-Q

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 Residual Interest Bonds (RIBs) or Tender Option Bonds (TOBs) for investment purposes and to enhance the yield of the Trust. Inverse floating rate investments 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. Such
- Invesco Insured Municipal Trust**
-

D. Floating Rate Note Obligations (continued)

transactions may be purchased in the secondary market without first owning the underlying bond or by the sale of fixed rate bonds by the Trust to special purpose trusts established by a broker dealer (Dealer Trusts) in exchange for cash and residual interests in the Dealer Trusts assets and cash flows, which are in the form of inverse floating rate securities. The Dealer Trusts finance the purchases of the fixed rate bonds by issuing floating rate notes to third parties and allowing the Trust to retain residual interest in the bonds. The floating rate notes issued by the Dealer Trusts have interest rates that reset weekly and the floating rate note holders have the option to tender their notes to the Dealer Trusts for redemption at par at each reset date. The residual interests held by the Trust (inverse floating rate investments) 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 Dealer Trusts to the Trust, thereby collapsing the Dealer Trusts.

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 or are otherwise not readily 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 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.

The Trust accounts for the transfer of bonds to the Dealer 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 Dealer Trusts a component of *Interest, facilities and maintenance fees* on the Statement of Operations.

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 the changes in the value of such securities in response to changes in market rates of interest to a greater extent than the value of an equal principal amount of a fixed rate security 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 interests created by the special purpose trust may not be able to be sold to third parties or, in the case of holders tendering (or putting) such interests for repayment of principal, may not be able to be remarketed to third parties. In such cases, the special purpose trust holding the long-term fixed rate bonds may be collapsed. In the case of RIBs or TOBs created by the contribution of long-term fixed income bonds by the Trust, the Trust will then be required to repay the principal amount of the tendered securities. During times of market volatility, illiquidity or uncertainty, the Trust could be required to sell other portfolio holdings at a disadvantageous time to raise cash to meet that obligation.

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 a 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.

Invesco Insured Municipal Trust

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.

The following is a summary of the tiered valuation input levels, as of May 31, 2011. 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.

During the three months ended May 31, 2011, there were no significant transfers between investment levels.

| | Level 1 | Level 2 | Level 3 | Total |
|-----------------------|--------------------|----------------|--------------------|----------------|
| Municipal Obligations | \$ | \$ 364,454,486 | \$ | \$ 364,454,486 |

NOTE 3 Investment Securities**Unrealized Appreciation (Depreciation) of Investment Securities on a Tax Basis**

| | |
|--|---------------|
| Aggregate unrealized appreciation of investment securities | \$ 12,083,576 |
| Aggregate unrealized (depreciation) of investment securities | (5,508,907) |
| Net unrealized appreciation of investment securities | \$ 6,574,669 |

Cost of investments for tax purposes is \$357,879,817.

Invesco Insured Municipal Trust

Item 2. Controls and Procedures.

- (a) As of June 10, 2011, 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 June 10, 2011, 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 Insured Municipal Trust

By: /s/ Philip A. Taylor
Philip A. Taylor
Principal Executive Officer

Date: July 29, 2011

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/ Philip A. Taylor
Philip A. Taylor
Principal Executive Officer

Date: July 29, 2011

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

Date: July 29, 2011

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.