

MORGAN STANLEY INSURED MUNICIPAL TRUST
Form N-Q
March 31, 2010

**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
Morgan Stanley Insured Municipal Trust
(Exact name of registrant as specified in charter)**

522 Fifth Avenue, New York, New York
(Address of principal executive offices)

10036
(Zip code)

Randy Takian
522 Fifth Avenue, New York, New York 10036
(Name and address of agent for service)

Registrant's telephone number, including area code: 212-296-6963

Date of fiscal year end: October 31, 2010

Date of reporting period: January 31, 2010

Item 1. Schedule of Investments.

The Trust's schedule of investments as of the close of the reporting period prepared pursuant to Rule 12-12 of Regulation S-X is as follows:

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited)

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON MATURITY | | VALUE |
|--|--|-----------------|----------|--------------|
| | | RATE | DATE | |
| | Tax-Exempt Municipal Bonds (148.1%) | | | |
| | <i>Arizona (2.0%)</i> | | | |
| \$ 2,000 | Arizona State University, Research Infrastructure Projects (COPs) (AMBAC Insd) | 5.00% | 09/01/30 | \$ 2,025,240 |
| 550 | Maricopa County Pollution Control Corp., Arizona Public Service Co. Ser 2009 A | 6.00 | 05/01/29 | 578,842 |
| 1,000 | Phoenix Civic Improvement Corp., Jr Lien Wastewater Ser 2004 (NATL-RE Insd) | 5.00 | 07/01/27 | 1,027,070 |
| 1,305 | State of Arizona, Ser 2008 A (COPs) (AGM Insd) | 5.00 | 09/01/27 | 1,346,094 |
| | | | | 4,977,246 |
| | <i>California (25.3%)</i> | | | |
| 1,205 | Alameda County Joint Powers Authority, Ser 2008 (AGM Insd) | 5.00 | 12/01/24 | 1,275,360 |
| 1,355 | Alhambra Unified School District, Ser 2009 B (AGC Insd) (a) | 0.00 | 08/01/35 | 267,057 |
| 2,190 | Alhambra Unified School District, Ser 2009 B (AGC Insd) (a) | 0.00 | 08/01/36 | 402,938 |
| 945 | Alvord Unified School District, Election of 2007 Ser 2007 A (AGM Insd) | 5.00 | 08/01/27 | 975,391 |
| 16,000 | Anaheim Public Financing Authority, Electric Ser 2007-A (NATL-RE Insd) (b) | 4.50 | 10/01/37 | 14,674,960 |
| 960 | Beverly Hills Unified School District, Election of 2008 Ser 2009 (a) | 0.00 | 08/01/26 | 410,755 |
| 1,850 | Beverly Hills Unified School District, Election of 2008 Ser 2009 (a) | 0.00 | 08/01/31 | 570,004 |
| 2,500 | California State Department of Water Resources, Power Supply Ser 2008 H (AGM Insd) | 5.00 | 05/01/22 | 2,714,975 |
| 2,000 | City & County of San Francisco, City Buildings Ser 2007 A (COPs) (NATL-RE & FGIC Insd) | 4.50 | 09/01/37 | 1,798,700 |
| 1,000 | City & County of San Francisco, Refg Laguna Honda Hospital Ser 2008 R-3 (AGC Insd) (b) | 5.00 | 06/15/28 | 1,024,230 |
| 3,000 | City of Los Angeles, Ser 2004 A (NATL-RE Insd) | 5.00 | 09/01/24 | 3,202,800 |
| 480 | Clovis Unified School District, Election of 2004 Ser A (NATL-RE & FGIC Insd) (a) | 0.00 | 08/01/29 | 146,990 |
| 1,090 | Dry Creek Joint Elementary School District, Election 2008 Ser 2009 E (a) | 0.00 | 08/01/44 | 105,981 |
| 6,270 | Dry Creek Joint Elementary School District, Election 2008 Ser 2009 E (a) | 0.00 | 08/01/45 | 567,811 |
| 4,610 | Dry Creek Joint Elementary School District, Election 2008 Ser 2009 E (a) | 0.00 | 08/01/48 | 337,544 |
| 4,000 | Eastern Municipal Water District, Water & Sewer Refg, Ser 2006 A (COPs) (NATL-RE Insd) | 5.00 | 07/01/32 | 4,034,800 |
| 2,705 | El Segundo Unified School District, Election of 2008 Ser 2009 A (a) | 0.00 | 08/01/32 | 653,853 |
| 4,530 | Fontana Unified School District, Ser B (AGM Insd) (a) | 0.00 | 08/01/30 | 1,234,878 |
| 6,000 | Golden State Tobacco Securitization Corp., Enhanced Asset Backed Ser 2005 A (FGIC Insd) | 5.00 | 06/01/38 | 5,179,500 |
| 2,000 | Kern County Board of Education, Refg Ser 2006 A (COPs) (NATL-RE Insd) | 5.00 | 06/01/31 | 2,007,400 |

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|-------|---|------|----------|---------|
| 1,450 | Menifee Union School District, Election of 2008 Ser C (AGC Insd) (a) | 0.00 | 08/01/37 | 244,992 |
| 1,505 | Moreland School District, Ser 2014 C (AMBAC Insd) (a) | 0.00 | 08/01/29 | 439,520 |
| 1,080 | Oak Grove School District, Election 2008 Ser A (a) | 0.00 | 08/01/28 | 347,652 |
| 500 | Oakland Joint Powers Financing Authority, Oakland Administration Buildings 2008 Ser B (AGC Insd) | 5.00 | 08/01/25 | 516,435 |
| 725 | Oakland Joint Powers Financing Authority, Oakland Administration Buildings, Ser 2008 B (AGC Insd) | 5.00 | 08/01/23 | 758,415 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|---|----------------|------------------|------------|
| \$ 5,700 | Patterson Joint Unified School District, 2008 Election Ser 2009 B (AGM Insd) (a) | 0.00% | 08/01/47 | \$ 489,060 |
| 7,670 | Patterson Joint Unified School District, 2008 Election Ser 2009 B (AGM Insd) (a) | 0.00 | 08/01/48 | 614,060 |
| 4,240 | Patterson Joint Unified School District, Election of 2008 Ser 2009 B (AGM Insd) (a) | 0.00 | 03/01/49 | 325,971 |
| 110 | Port of Oakland, Ser 2002 L (AMT) (NATL-RE & FGIC Insd) | 5.00 | 11/01/12 (c) | 122,473 |
| 890 | Port of Oakland, Ser 2002 L (AMT) (NATL-RE & FGIC Insd) | 5.00 | 11/01/21 | 870,821 |
| 3,210 | Poway Unified School District, School Facilities Improvement District No. 2007-1, 2008 Election Ser A (a) | 0.00 | 08/01/28 | 1,033,299 |
| 3,470 | Poway Unified School District, School Facilities Improvement District No. 2007-1, 2008 Election Ser A (a) | 0.00 | 08/01/31 | 893,386 |
| 27,055 | San Bernardino Community College District, Ser 2009 B (a) | 0.00 | 08/01/48 | 2,002,341 |
| 5,000 | San Diego County Water Authority, Ser 2004 A (COPs) (AGM Insd) (b) | 5.00 | 05/01/29 | 5,139,075 |
| 615 | San Rafael City High School District, Election Ser 2002 B (NATL-RE & FGIC Insd) (a) | 0.00 | 08/01/25 | 251,154 |
| 1,000 | University of California, Limited Projects Ser 2005 B (AGM Insd) | 5.00 | 05/15/30 | 1,012,640 |
| 3,310 | University of California, Ser 2007-J (AGM Insd) (b) | 4.50 | 05/15/31 | 3,258,783 |
| 2,690 | University of California, Ser 2007-J (AGM Insd) (b) | 4.50 | 05/15/35 | 2,585,735 |
| | | | | 62,491,739 |
| | <i>Colorado (3.3%)</i> | | | |
| 2,000 | Arkansas River Power Authority, Power Ser 2006 (XLCA Insd) | 5.25 | 10/01/40 | 1,770,280 |
| 5,000 | City & County of Denver, Airport Refg Ser 2000 A (AMT) (AMBAC Insd) | 6.00 | 11/15/18 | 5,140,600 |
| 1,500 | Denver Convention Center Hotel Authority, Refg Ser 2006 (XLCA Insd) | 5.00 | 12/01/35 | 1,226,445 |
| | | | | 8,137,325 |

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|------------------------------------|---|------|----------|------------|
| <i>Connecticut (0.5%)</i> | | | | |
| 1,225 | Connecticut State Health & Educational Facility Authority, Quinnipiac University Ser K-1 (NATL-RE Insd) | 5.00 | 07/01/27 | 1,277,969 |
| <i>District of Columbia (6.3%)</i> | | | | |
| 2,100 | District of Columbia, Income Tax, Ser 2009 A (b) | 5.25 | 12/01/27 | 2,316,167 |
| 2,000 | District of Columbia, Ser 2008 E (BHAC Insd) (b) | 5.00 | 06/01/26 | 2,120,464 |
| 2,000 | District of Columbia, Ser 2008 E (BHAC Insd) (b) | 5.00 | 06/01/27 | 2,120,464 |
| 4,000 | District of Columbia, Ser 2008 E (BHAC Insd) (b) | 5.00 | 06/01/28 | 4,240,929 |
| 4,000 | District of Columbia Ballpark, Ser 2006 B-1 (NATL-RE & FGIC Insd) | 5.00 | 02/01/31 | 3,627,800 |
| 500 | District of Columbia Water & Sewer Authority, Refg Sub-Lien Ser 2008 A (AGC Insd) | 5.00 | 10/01/28 | 519,940 |
| 625 | District of Columbia Water & Sewer Authority, Refg Sub-Lien Ser 2008 A (AGC Insd) | 5.00 | 10/01/29 | 644,475 |
| | | | | 15,590,239 |
| <i>Florida (7.8%)</i> | | | | |
| 1,000 | City of Port St Lucie, Utility System Refg Ser 2009 (AGC Insd) | 5.00 | 09/01/29 | 1,011,790 |
| 1,000 | County of Miami-Dade, Building Better Communities Program Ser 2009 B-1 | 6.00 | 07/01/38 | 1,104,150 |
| 2,155 | County of Miami-Dade, Miami Int 1 Airport Refg Ser 2003 B (AMT) (NATL-RE Insd) | 5.25 | 10/01/18 | 2,205,923 |
| 2,270 | County of Miami-Dade, Miami Int 1 Airport Refg Ser 2003 B (AMT) (NATL-RE Insd) | 5.25 | 10/01/19 | 2,311,654 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| PRINCIPAL AMOUNT IN HOUSANDS | | COUPON MATURITY | | VALUE |
|---------------------------------------|---|-----------------|--------------|--------------|
| | | RATE | DATE | |
| \$ 1,500 | Miami-Dade County Educational Facilities Authority, University of Miami Ser 2008 A (CR) (BHAC Insd) | 5.50% | 04/01/38 | \$ 1,558,650 |
| 1,265 | Mid-Bay Bridge Authority, Refg Ser 2008 A (AGC Insd) | 5.00 | 10/01/27 | 1,336,903 |
| 1,200 | Palm Beach County Solid Waste Authority, Ser 2009 (BHAC Insd) | 5.50 | 10/01/23 | 1,353,084 |
| 6,000 | Tampa Bay Water Utility System Revenue, Ser 2001 B (NATL-RE & FGIC Insd) | 5.00 | 10/01/31 | 6,040,680 |
| 2,185 | Tampa Sports Authority, Sales Tax Refg Ser 2005 (AGM Insd) | 5.00 | 01/01/26 | 2,256,034 |
| | | | | 19,178,868 |
| | <i>Georgia (3.2%)</i> | | | |
| 5,000 | City of Atlanta, Airport Passenger Facilities Sub-Lien Ser 2004 C (AGM Insd) (b) | 5.00 | 01/01/33 | 5,041,100 |
| 2,000 | City of Atlanta, Water & Wastewater Ser 1999 A (NATL-RE & FGIC Insd) | 5.00 | 11/01/29 | 1,950,820 |
| 900 | Fulton County Development Authority, Morehouse College Ser 2000 (AMBAC Insd) | 6.25 | 12/01/10 (c) | 953,577 |
| | | | | 7,945,497 |
| | <i>Hawaii (6.3%)</i> | | | |
| 5,000 | City & County of Honolulu, Ser 2003 A (NATL-RE Insd) (b) | 5.25 | 03/01/25 | 5,414,850 |
| 5,000 | City & County of Honolulu, Ser 2003 A (NATL-RE Insd) (b) | 5.25 | 03/01/26 | 5,244,950 |
| 5,000 | State of Hawaii, Airports Refg Ser 2001 (AMT) (NATL-RE & FGIC Insd) | 5.25 | 07/01/21 | 5,031,750 |
| | | | | 15,691,550 |
| | <i>Idaho (0.9%)</i> | | | |
| 2,065 | Idaho Housing & Finance Association, Federal Highway Trust Ser 2008 A (RANs) (AGC Insd) | 5.25 | 07/15/25 | 2,252,585 |
| | <i>Illinois (20.4%)</i> | | | |
| 1,370 | Chicago Transit Authority, Federal Transit Administration Section 5309 Ser 2008 (AGC Insd) | 5.25 | 06/01/26 | 1,451,446 |
| 2,000 | City of Chicago, O Hare Int 1 Airport Third Lien Ser 2003 B-2 (AMT) (AGM Insd) | 5.75 | 01/01/23 | 2,065,660 |
| 6,070 | City of Chicago, Project & Refg Ser 2007 A (FGIC & AGM Insd) (CR) (b)(d) | 5.00 | 01/01/37 | 6,105,053 |
| 940 | City of Chicago, Second Lien Water Ser 2008 (AGM Insd) | 5.00 | 11/01/27 | 990,328 |
| 2,000 | City of Chicago, Ser A 2001 (NATL-RE Insd) (e) | 0.00 | 01/01/21 | 2,074,460 |
| 2,000 | City of Chicago, Ser A 2001 (NATL-RE Insd) (e) | 0.00 | 01/01/22 | 2,065,200 |
| 3,000 | City of Chicago, Ser A 2005 (NATL-RE Insd) | 5.25 | 01/01/25 | 3,111,000 |
| 670 | De Kalb County Community Unit School District No. 428, (AGM Insd) | 5.00 | 01/01/27 | 706,709 |

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|--------|--|-------|----------|------------|
| 305 | De Kalb County Community Unit School District No. 428 (AGM Insd) | 5.00 | 01/01/28 | 320,241 |
| 1,635 | Illinois Finance Authority, Northwestern Memorial Hospital, Ser 2009 B | 5.75 | 08/15/30 | 1,789,475 |
| 5,375 | Kendall Kane & Will Counties Community Unit School District No. 308 (AGM Insd) (a) | 0.00 | 02/01/27 | 2,221,434 |
| 4,000 | Regional Transportation Authority, Refg Ser 1999 (AGM Insd) | 5.75 | 06/01/21 | 4,774,880 |
| 10,000 | State of Illinois, Ser 2001 (NATL-RE Insd) (b) | 5.375 | 04/01/15 | 11,378,600 |
| 10,000 | State of Illinois, Ser 2001 (NATL-RE Insd) (b) | 5.375 | 04/01/16 | 11,378,600 |
| | | | | 50,433,086 |
| | <i>Iowa (4.2%)</i> | | | |
| 1,810 | State of Iowa, IJOBS Program Ser 2009 A (b)(d) | 5.00 | 06/01/25 | 1,965,928 |
| 1,355 | State of Iowa, IJOBS Program Ser 2009 A (b)(d) | 5.00 | 06/01/26 | 1,462,784 |
| 3,600 | State of Iowa, Ser 2001 (NATL-RE Insd) | 5.50 | 02/15/19 | 4,174,884 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|--|----------------|------------------|--------------|
| \$ 2,500 | State of Iowa, Ser 2001 (NATL-RE Insd) | 5.50% | 02/15/20 | \$ 2,882,550 |
| | | | | 10,486,146 |
| | <i>Kansas (0.7%)</i> | | | |
| 615 | Kansas Development Finance Authority Hospital Revenue, Adventist Health System Sunbelt Obligated Group Ser 2009 C | 5.50 | 11/15/29 | 648,770 |
| 1,060 | Wyandotte County-Kansas City Unified Government, Utility System Improvement, Ser 2009 A (BHAC Insd) | 5.25 | 09/01/34 | 1,112,268 |
| | | | | 1,761,038 |
| | <i>Kentucky (2.3%)</i> | | | |
| 1,640 | Kentucky State Property & Buildings Commission, Refg. Project No. 93 Ser 2009 (AGC Insd) | 5.25 | 02/01/28 | 1,771,840 |
| 3,800 | Louisville Waterworks Board, Ser 2000 (AGM Insd) | 5.50 | 11/15/10 (c) | 3,875,962 |
| | | | | 5,647,802 |
| | <i>Louisiana (0.6%)</i> | | | |
| 1,500 | Louisiana Public Facilities Authority, Baton Rouge General Medical Center-FHA Insured Mtge Ser 2004 (NATL-RE Insd) | 5.25 | 07/01/33 | 1,483,980 |
| | <i>Maryland (1.0%)</i> | | | |
| 2,500 | Maryland Economic Development Corp., Aviation Administration Ser 2003 (AMT) (AGM Insd) | 5.375 | 06/01/22 | 2,565,075 |
| | <i>Massachusetts (5.7%)</i> | | | |
| 2,000 | Massachusetts Health & Educational Facilities Authority, Boston College Ser M-2 | 5.50 | 06/01/30 | 2,362,220 |
| 6,460 | Massachusetts Health & Educational Facilities Authority, Harvard University Ser A (b) | 5.50 | 11/15/36 | 7,168,468 |
| 2,090 | Massachusetts Health & Educational Facilities Authority, Massachusetts Institute of Technology Ser O (b) | 5.50 | 07/01/36 | 2,320,307 |

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|-------|---|------|----------|------------|
| 2,000 | Massachusetts Water Resources Authority, Ser 2007 B (AGM Insd) | 5.25 | 08/01/31 | 2,267,900 |
| | | | | 14,118,895 |
| | <i>Michigan (2.0%)</i> | | | |
| 1,200 | City of Detroit Water Supply System, Refg Ser 2006 C (AGM Insd) | 5.00 | 07/01/26 | 1,210,440 |
| 850 | Ferris State University, Refg Ser 2008 (AGM Insd) | 4.50 | 10/01/24 | 864,926 |
| 425 | Ferris State University, Refg Ser 2008 (AGM Insd) | 4.50 | 10/01/25 | 430,215 |
| 1,190 | Wayne State University, Refg Ser 2008 (AGM Insd) | 5.00 | 11/15/29 | 1,240,646 |
| 1,125 | Western Michigan University, Ser 2008 (AGM Insd) | 5.00 | 11/15/23 | 1,201,466 |
| | | | | 4,947,693 |
| | <i>Minnesota (1.6%)</i> | | | |
| 4,000 | City of Minneapolis, Fairview Health Ser 2005 D (AMBAC Insd) | 5.00 | 11/15/34 | 3,851,160 |
| | <i>Missouri (0.8%)</i> | | | |
| 2,000 | Missouri Joint Municipal Electric Utility Commission, Plum Point Ser 2006 (NATL-RE Insd) | 5.00 | 01/01/25 | 1,977,140 |
| | <i>Nevada (5.5%)</i> | | | |
| 4,000 | County of Clark, Transportation Improvement Ltd. Tax Ser 1992 B (AMBAC Insd) | 6.50 | 06/01/17 | 4,871,120 |
| 1,500 | Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 1st Tier Ser 2000 (AMBAC Insd) (a) | 0.00 | 01/01/21 | 294,960 |
| 8,000 | State of Nevada, Capital Improvement & Cultural Affairs Ser 2008 C (AGM Insd) (b) | 5.00 | 06/01/26 | 8,355,759 |
| | | | | 13,521,839 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|---|----------------|------------------|--------------|
| | <i>New Jersey (3.8%)</i> | | | |
| \$ 1,195 | New Jersey Economic Development Authority, School Facilities Construction Ser N-1 (AMBAC Insd) | 5.50% | 09/01/24 | \$ 1,351,939 |
| 510 | New Jersey Educational Facilities Authority, Rowan University Ser 2008 B (AGC Insd) | 5.00 | 07/01/26 | 548,036 |
| 2,535 | New Jersey St Housing & Mortgage Finance Agency, Home Buyer Ser 2000 CC (AMT) (NATL-RE Insd) | 5.875 | 10/01/31 | 2,547,269 |
| 2,500 | New Jersey State Turnpike Authority, Ser 2003 A (AMBAC Insd) | 5.00 | 01/01/30 | 2,540,725 |
| 5,860 | New Jersey Transportation Trust Fund Authority, Ser 2006 C (AGC Insd) (a) | 0.00 | 12/15/26 | 2,439,225 |
| | | | | 9,427,194 |
| | <i>New Mexico (0.6%)</i> | | | |
| 1,500 | City of Albuquerque, Gross Receipts Lodgers Tax Refg Ser 2004 A (AGM Insd) | 5.00 | 07/01/37 | 1,524,900 |
| | <i>New York (13.3%)</i> | | | |
| 6,805 | Metropolitan Transportation Authority, State Service Contract Refg Ser 2002 B (NATL-RE Insd) | 5.50 | 07/01/20 | 7,337,627 |
| 10,000 | Metropolitan Transportation Authority, Transportation Refg Ser 2002 A (AMBAC Insd) | 5.50 | 11/15/17 | 10,849,000 |
| 2,000 | Metropolitan Transportation Authority, Transportation Refg Ser 2002 A (NATL-RE & FGIC Insd) | 5.00 | 11/15/25 | 2,062,420 |
| 1,000 | New York City Industrial Development Agency, Queens Baseball Stadium Ser 2006 (AMBAC Insd) | 5.00 | 01/01/31 | 953,790 |
| 2,000 | New York City Industrial Development Agency, Yankee Stadium Ser 2006 (FGIC Insd) | 5.00 | 03/01/46 | 1,808,820 |
| 2,000 | New York State Dormitory Authority, Montefiore Hospital FHA Insured Mtge Ser 2004 (NATL-RE & FGIC Insd) | 5.00 | 08/01/29 | 2,043,480 |
| 940 | New York State Dormitory Authority, New York University (AMBAC Insd) | 5.50 | 05/15/29 | 1,023,359 |
| 5,000 | New York State Energy Research & Development Authority, Brooklyn Union Gas Co. | 5.50 | 01/01/21 | 5,017,000 |

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| | Ser 1996 (NATL-RE Insd) | | | |
| 1,725 | New York State Thruway Authority, Personal Income Tax Transportation Ser 2009 A | 5.00 | 03/15/25 | 1,883,045 |
| | | | | 32,978,541 |
| | <i>Ohio (0.8%)</i> | | | |
| 2,125 | City of Cleveland, Public Power Ser 2008 B-1 (NATL-RE Insd) (a) | 0.00 | 11/15/28 | 856,460 |
| 2,800 | City of Cleveland, Public Power Ser 2008 B-1 (NATL-RE Insd) (a) | 0.00 | 11/15/38 | 618,436 |
| 350 | Ohio State Water Development Authority, Ser 2009 A | 5.875 | 06/01/33 | 381,150 |
| | | | | 1,856,046 |
| | <i>Oregon (0.7%)</i> | | | |
| 1,685 | Oregon State Department of Administrative Services, Ser 2005 B (COPs) (NATL-RE & FGIC Insd) | 5.00 | 11/01/24 | 1,760,185 |
| | <i>Pennsylvania (4.2%)</i> | | | |
| 720 | City of Philadelphia, Ser 2009 B (AGC Insd) | 7.125 | 07/15/38 | 811,605 |
| 1,500 | Delaware County Industrial Development Authority, Ser 2005 A (AMT) (NATL-RE & FGIC Insd) | 5.00 | 11/01/37 | 1,395,765 |
| 3,000 | Pennsylvania Turnpike Commission, Ser 2001 R (AMBAC Insd) | 5.00 | 12/01/26 | 3,033,180 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPONMaturity | | VALUE |
|--|--|----------------|----------|--------------|
| | | RATE | DATE | |
| \$ 4,000 | Pennsylvania Turnpike Commission, Ser 2004 A (AMBAC Insd) | 5.00% | 12/01/34 | \$ 4,013,360 |
| 1,000 | Philadelphia School District, Ser 2008 E (BHAC Insd) | 5.125 | 09/01/23 | 1,089,180 |
| | | | | 10,343,090 |
| | <i>Puerto Rico (0.5%)</i> | | | |
| 1,160 | Puerto Rico Sales Tax Financing Corp., Ser 2009 A | 5.00 | 08/01/39 | 1,218,441 |
| | <i>South Carolina (1.3%)</i> | | | |
| 1,000 | Medical University Hospital Authority, Mtge Ser 2004 A (NATL-RE & AGM Insd) | 5.25 | 02/15/25 | 1,035,890 |
| 2,000 | South Carolina State Public Service Authority, Santee Cooper Ser 2003 A (AMBAC Insd) (b) | 5.00 | 01/01/27 | 2,097,716 |
| | | | | 3,133,606 |
| | <i>Texas (11.7%)</i> | | | |
| 10,000 | City of Austin, Water & Wastewater Refg Ser 2001 A & B (AGM Insd) (b) | 5.125 | 05/15/27 | 10,213,214 |
| 4,465 | City of Houston, Combined Utility First Lien Refg 2004 Ser A (NATL-RE & FGIC Insd) | 5.25 | 05/15/23 | 4,714,147 |
| 3,615 | City of Houston, Ser 2001 B (CR) (AGM & AMBAC Insd) (a) | 0.00 | 09/01/27 | 1,370,772 |
| 2,000 | City of San Antonio, Water & Refg Ser 2002 A (AGM Insd) | 5.00 | 05/15/32 | 2,021,440 |
| 800 | Friendswood Independent School District, Schoolhouse Ser 2008 (PSF-GTD) | 5.00 | 02/15/27 | 866,280 |
| 1,840 | Harris County Health Facilities Development Corp., Thermal Utility, Ser 2008 (AGC Insd) | 5.00 | 11/15/27 | 1,906,093 |
| 225 | Houston Community College System, Senior Lien Student Fee Ser 2008 (AGM Insd) | 4.50 | 04/15/27 | 226,831 |
| 1,000 | Houston Community College System, Senior Lien Student Fee Ser 2008 (AGM Insd) | 5.00 | 04/15/26 | 1,061,430 |
| 6,700 | North Texas Tollway Authority, Refg Ser 2008 D (AGC Insd) (a) | 0.00 | 01/01/28 | 2,413,072 |
| 1,455 | North Texas Tollway Authority, Refg Ser 2008 D (AGC Insd) (a) | 0.00 | 01/01/31 | 429,298 |
| 5,735 | Texas State Turnpike Authority, First Tier Ser 2002 (CR) (BHAC & AMBAC Insd) (a) | 0.00 | 08/15/27 | 2,358,232 |
| 410 | Victoria Independent School District, Ser 2008 (PSF-GTD) | 5.00 | 02/15/24 | 451,369 |
| 815 | Victoria Independent School District, Ser 2008 (PSF-GTD) | 5.00 | 02/15/25 | 891,325 |
| | | | | 28,923,503 |
| | <i>Washington (10.0%)</i> | | | |
| 5,000 | City of Seattle (AGM Insd) | 5.125 | 03/01/26 | 5,166,850 |
| 3,000 | County of King, Sewer Refg 2001 (NATL-RE & FGIC Insd) | 5.00 | 01/01/31 | 3,039,630 |

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| | | | | |
|-------|--|-------|----------|-------------|
| 3,000 | Cowlitz County Public Utility District No. 1, Production Ser 2006 (NATL-RE Insd) | 5.00 | 09/01/31 | 3,030,060 |
| 4,010 | Port of Seattle, Passenger Facility Ser 1998 A (NATL-RE Insd) | 5.00 | 12/01/23 | 4,019,905 |
| 2,500 | Port of Seattle, Ser 2000 B (AMT) (NATL-RE Insd) | 5.625 | 02/01/24 | 2,507,950 |
| 3,170 | State of Washington, Various Purpose Ser 2010 A (b) | 5.00 | 08/01/29 | 3,385,661 |
| 3,335 | State of Washington, Various Purpose Ser 2010 A (b) | 5.00 | 08/01/30 | 3,561,887 |
| | | | | 24,711,943 |
| | <i>Wisconsin (0.8%)</i> | | | |
| 1,900 | State of Wisconsin, Ser 2009 A | 5.625 | 05/01/28 | 2,098,056 |
| | Total Tax-Exempt Municipal Bonds (<i>Cost \$358,997,530</i>) | | | 366,312,377 |

Morgan Stanley Insured Municipal Trust*
Portfolio of Investments § January 31, 2010 (unaudited) continued

| NUMBER OF SHARES (000) | | COUPON RATE | MATURITY DATE | VALUE |
|---------------------------------|--|----------------|------------------|----------------|
| | Short-Term Investment (f) (6.9%) | | | |
| | <i>Investment Company</i> | | | |
| 17,070 | Morgan Stanley Institutional Liquidity Funds Tax Exempt Portfolio Institutional Class (Cost \$17,069,611) | | | \$ 17,069,611 |
| | Total Investments (Cost \$376,067,141) (g)(h) | 155.0% | | 383,381,988 |
| | Other Assets in Excess of Liabilities | 1.5 | | 3,784,348 |
| | Floating Rate Note and Dealer Trusts Obligations Related to Securities Held | | | |
| | Notes with interest rates ranging from 0.18% to 0.50% at January 31, 2010 and contractual maturities of collateral ranging from 04/01/15 to 10/01/37. (i) | (30.2) | | (74,735,000) |
| | Preferred Shares of Beneficial Interest | (26.3) | | (65,050,000) |
| | Net Assets Applicable to Common Shareholders | 100.0% | | \$ 247,381,336 |

Note: The categories of investments are shown as a percentage of net assets applicable to common shareholders.

*AMT Alternative
Minimum Tax.*

*COPs Certificates of
Participation.*

*CR Custodial
Receipts.*

*FHA Federal
Housing
Administration.*

*PSF Texas
Permanent*

*School Fund
Guarantee
Program.*

- RANs Revenue
Anticipation
Notes.*
- (a) Capital
appreciation
bond.*
- (b) Underlying
security related
to inverse
floater entered
into by the
Trust.*
- (c) Prefunded to
call date shown.*
- (d) 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
inverse floater.
In case of a
shortfall, the
maximum
potential
amount of
payments the
Trust could
ultimately be
required to
make under the
agreement is
\$4,640,000.
However, such*

*shortfall
payment would
be reduced by
the proceeds
from the sale of
the security
underlying the
inverse floater.*

(e) *Security is a
step-up bond
where the
coupon
increases on a
predetermined
future date.*

(f) *The Trust
invests in
Morgan Stanley
Institutional
Liquidity Funds
Tax Exempt
Portfolio
Institutional
Class, an
open-end
management
investment
company
managed by the
Investment
Adviser.
Investment
advisory fees
paid by the
Trust are
reduced by an
amount equal to
the advisory and
administrative
service fees paid
by Morgan
Stanley
Institutional
Liquidity Funds
Tax Exempt
Portfolio
Institutional
Class with
respect to assets*

*invested by the
Trust in Morgan
Stanley
Institutional
Liquidity Funds
Tax Exempt
Portfolio
Institutional
Class.*

- (g) *Securities have
been designated
as collateral in
connection with
inverse floating
rate municipal
obligations.*
- (h) *The aggregate
cost for federal
income tax
purposes
approximates
the aggregate
cost for book
purposes.*
- (i) *Floating rate
note obligations
related to
securities held
The Trust enters
into
transactions in
which it
transfers to
Dealer Trusts
(Dealer Trusts),
fixed rate bonds
in exchange for
cash and
residual
interests in the
Dealer Trusts
assets and cash
flows, which are
in the form of
inverse floating
rate
investments. The
Dealer Trusts*

fund 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 Trust enters into shortfall agreements with the Dealer Trusts which commit the Trust to pay the Dealer Trusts, in certain circumstances, the difference between the liquidation value of the fixed rate bonds held by the Dealer Trusts and the liquidation value of the floating rate notes held by third parties, as well as any shortfalls in interest cash flows. 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. 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. The 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. At January 31, 2010, Trust investments with a value of \$122,575,684 are held by the Dealer Trusts

*and serve as
collateral for
the \$74,735,000
in floating rate
note obligations
outstanding at
that date.*

Bond Insurance:

*AGC Assured
Guaranty
Corporation.*

*AGM Assured
Guaranty
Municipal
Corporation.*

*AMBAC AMBAC
Assurance
Corporation.*

*BHAC Berkshire
Hathaway
Assurance
Corporation.*

*FGIC Financial
Guaranty
Insurance
Company.*

*NATL-RE National Public
Finance
Guarantee
Corporation.*

*XLCA XL Capital
Assurance Inc.*

Morgan Stanley Insured Municipal Trust***Notes to the Portfolio of Investments § January 31, 2010 (unaudited)****Fair Valuation Measurements**

Fair value is defined as the price that the Trust would receive to sell an investment or pay to transfer a liability in a timely transaction with an independent buyer in the principal market, or in the absence of a principal market the most advantageous market for the investment or liability. GAAP utilizes a three-tier hierarchy to distinguish between (1) inputs that reflect the assumptions market participants would use in pricing an asset or liability developed based on market data obtained from sources independent of the reporting entity (observable inputs) and (2) inputs that reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing an asset or liability developed based on the best information available in the circumstances (unobservable inputs) and to establish classification of fair value measurements for disclosure purposes. Various inputs are used in determining the value of the Trust's investments. The inputs are summarized in the three broad levels listed below.

Level 1 unadjusted quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including the Trust's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities and the determination of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to each security.

The following is the summary of the inputs used as of January 31, 2010 in valuing the Trust's investments carried at fair value:

| INVESTMENT TYPE | TOTAL | FAIR VALUE MEASUREMENTS AT JANUARY 31, 2010 USING | | |
|-------------------------------|-----------------------|---|---|---|
| | | UNADJUSTED QUOTED PRICES IN ACTIVE MARKET FOR IDENTICAL INVESTMENTS (LEVEL 1) | OTHER SIGNIFICANT OBSERVABLE INPUTS (LEVEL 2) | SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3) |
| Tax-Exempt Municipal Bonds | \$ 366,312,377 | | \$ 366,312,377 | |
| Short-Term Investment Company | 17,069,611 | \$ 17,069,611 | | |
| Total | \$ 383,381,988 | \$ 17,069,611 | \$ 366,312,377 | |

Valuation of Investments (1) portfolio securities are valued by an outside independent pricing service approved by the Trustees. The pricing service uses both a computerized grid matrix of tax-exempt securities and evaluations by its staff, in each case based on information concerning market transactions and quotations from dealers which reflect the mean between the last reported bid and ask price. The portfolio securities are thus valued by reference to a combination of transactions and quotations for the same or other securities believed to be comparable in quality, coupon, maturity, type of issue, call provisions, trading characteristics and other features deemed to be relevant. The Trustees believe that timely and reliable market quotations are generally not readily available for purposes of valuing tax-exempt securities and that the valuations supplied by the pricing service are more likely to represent the fair value

of such securities; (2) futures are valued at the latest sale price on the commodities exchange on which they trade unless it is determined that such price does not reflect their market value, in which case they will be valued at their fair value as determined in good faith under procedures established by and under the supervision of the Trustees; (3) interest rate swaps are marked-to-market daily based upon quotations from market makers; (4) investments in open-end mutual funds, including the Morgan Stanley Institutional Liquidity Funds, are valued at the net asset value as of the close of each business day; and (5) short-term debt securities having a maturity date of more than sixty days at time of purchase are valued on a mark-to-

market basis until sixty days prior to maturity and thereafter at amortized cost based on their value on the 61st day. Short-term debt securities having a maturity date of sixty days or less at the time of purchase are valued at amortized cost, which approximates market value.

* Morgan Stanley announced on October 19, 2009 that it has entered into a definitive agreement to sell substantially all of its retail asset management business to Invesco Ltd. (Invesco), a leading global investment management company. The Trustees of the Trust approved an Agreement and Plan of Reorganization (the Plan). Pursuant to the Plan, substantially all of the assets of the Trust would be combined with those of a newly organized mutual fund advised by an affiliate of Invesco Ltd. (the New Trust). Pursuant to the Plan, shareholders of the Trust would become shareholders of the New Trust, receiving shares

of such New
Trust equal to
the value of
their holdings in
the Trust. The
Plan is subject
to the approval
of the Trust's
shareholders at
a special
meeting of
shareholders
anticipated to be
held during the
second quarter
of 2010.

Item 2. Controls and Procedures.

(a) The Trust's principal executive officer and principal financial officer have concluded that the Trust's disclosure controls and procedures are sufficient to ensure that information required to be disclosed by the Trust in this Form N-Q was recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, based upon such officers' evaluation of these controls and procedures as of a date within 90 days of the filing date of the report.

(b) There were no changes in the Trust's internal control over financial reporting that occurred during the registrant's fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Trust's internal control over financial reporting.

Item 3. Exhibits.

(a) A separate certification for each principal executive officer and principal financial officer of the registrant are attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Morgan Stanley Insured Municipal Trust

/s/ Randy Takian

Randy Takian

Principal Executive Officer

March 23, 2010

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

/s/ Randy Takian

Randy Takian

Principal Executive Officer

March 23, 2010

/s/ Francis Smith

Francis Smith

Principal Financial Officer

March 23, 2010