Invesco Van Kampen Municipal Opportunity Trust Form N-CSR January 07, 2011

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM N-CSR ETIFIED SHARFHOLDER REPORT OF REGISTERED MA

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number <u>811-06567</u> Invesco Van Kampen Municipal Opportunity Trust

(Exact name of registrant as specified in charter) 1555 Peachtree Street, N.E., Atlanta, Georgia 30309

(Address of principal executive offices) (Zip code) Colin Meadows 1555 Peachtree Street, N.E., Atlanta, Georgia 30309

(Name and address of agent for service)

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

Date of fiscal year end: 10/31
Date of reporting period: 10/31/10

Item 1. Reports to Stockholders.

Annual Report to Shareholders

October 31, 2010

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Management s Discussion of Trust Performance

Performance summary

As part of Invesco s June 1, 2010, acquisition of Morgan Stanley s retail asset management business, including Van Kampen Investments, Van Kampen Municipal Opportunity Trust was renamed Invesco Van Kampen Municipal Opportunity Trust.

The Trust s return can be calculated based upon either the market price or the net asset value (NAV) of its shares. NAV per share is determined by dividing the value of the Trust s portfolio securities, cash and other assets, less all liabilities and preferred shares, by the total number of common shares outstanding. Market price reflects the supply and demand for the shares. As a result, the two returns can differ, as they did during the reporting period. Main contributors to return on an NAV basis included our exposure to the long-end of the yield curve, our allocation to BBB-rated and non-rated bonds and our exposure to health care bonds.

Performance

Total returns, 10/31/09 to 10/31/10

Trust at NAV	14.66%
Trust at Market Value	18.32
Market Price Premium to NAV as of 10/31/10	4.69
Barclays Capital Municipal Bond Index	7.78

Lipper Inc.

The performance data quoted represent past performance and cannot guarantee comparable future results; current performance may be lower or higher. Investment return, net asset value and common share market price will fluctuate so that you may have a gain or loss when you sell shares. Please visit invesco.com/performance for the most recent month-end performance. Performance figures reflect Trust expenses, the reinvestment of distributions (if any) and changes in net asset value (NAV) for performance based on NAV and changes in market price for performance based on market price.

Since the Trust is a closed-end management investment company, shares of the Trust may trade at a discount or premium from the NAV. This characteristic is separate and distinct from the risk that NAV could decrease as a result of investment activities and may be a greater risk to investors expecting to sell their shares after a short time. The Trust cannot predict whether shares will trade at, above or below NAV. The Trust should not be viewed as a vehicle for trading purposes. It is designed primarily for risk-tolerant long-term investors.

How we invest

We seek to provide investors with a high level of current income exempt from federal income tax, with liquidity and safety of principal, primarily through investment in a diversified portfolio of investment grade municipal securities.

We seek to achieve the Trust s investment objective by investing primarily in municipal securities that are rated BBB or higher by Standard & Poor s (S&P) or Baa or higher by Moody s at the time of purchase. Municipal securities include long-term obligations (municipal bonds), short-term municipal notes, participation certificates, municipal leases and tax-exempt commercial paper. The Trust may also invest in securities rated BB/Ba or B by S&P, Moody s or Fitch as well as unrated securities that we determine to be of comparable or higher quality. From time to time, we may invest in municipal securities that pay interest that is subject to the federal alternative minimum tax.

We employ a bottom-up, research-driven approach to identify securities that have attractive risk/reward characteristics for the sectors in which we invest. We also integrate macroeconomic analysis and forecasting into our evaluation and ranking of various sectors and individual securities. Finally, we employ

Portfolio Composition

By credit sector, based on total investments

Reven	nue Bonds	91.6%
Gener	ral Obligation Bonds	4.1
Pre-re	funded Bonds	3.0
Cash/	Cash/Other	
	Five Sectors I on total net assets applicable to common shares	
1.	Hospital	31.1%
2.	Airports	20.8
3.	General Purpose	13.0
4.	Wholesale Electric	11.7

Total Net Assets \$467.7 million

Total Number of Holdings

Utilities

5.

357

10.6

The Trust s holdings are subject to change, and there is no assurance that the Trust will continue to hold any particular security.

leverage in an effort to enhance the Trust s income and total return.

Sell decisions are based on:

- n A deterioration or likely deterioration of an individual issuer s capacity to meet its debt obligations on a timely basis.
- n A deterioration or likely deterioration of the broader fundamentals of a particular industry or sector.
- n Opportunities in the secondary or primary market to purchase a security with better relative value.

Market conditions and your Trust

Market conditions during the 12-month period covered in this report were influenced by two broad themes: private sector recovery and concerns over sovereign creditworthiness. In the U.S. and across the developed world, a gradual and somewhat lackluster recovery continued, with central banks keeping interest rates at low levels and with few of them withdrawing their quantitative easing measures. This helped private sector companies improve their balance sheets and earnings following the global financial crisis that began to dissipate in early 2009. Recently, however, investor skepticism of global governments—abilities to retire huge amounts of debt without affecting economic growth rates caused sovereign debt distress (especially for Greece and other southern eurozone countries) and became a focal point of investor concern in the first half of 2010.

In the U.S., economic recovery was present, although uneven and possibly slowing, as stubbornly high unemployment and export weakness continued to weigh on the U.S. economy. Real gross domestic product (GDP), the broadest measure of overall U.S. economic activity, increased at an annual rate of 2.5% in the third quarter of 2010.¹ In the second quarter, real GDP increased at an annual rate 1.7% .¹ The U.S. Federal Reserve Board (the Fed) maintained a very accommodative monetary policy throughout the period, with the federal funds target rate unchanged in its range of zero to 0.25%.² The Fed recently described its view of the U.S. economy by stating: Financial conditions have become less supportive of economic growth on balance, largely reflecting developments abroad.² As such, it was

widely expected that the Fed would continue to keep rates low for an extended period.

Municipal fund flows have remained elevated after a strong 2009, providing a positive catalyst for both the net asset values and market prices of closed-end municipal funds. In addition, year-to-date municipal issuance during the reporting period was about 2% ahead of last year s pace, at \$339.7 billion versus \$333.0 billion. However, approximately 30% of the supply since the beginning of the year was in the form of taxable municipals, which further supported tax-exempt municipal bond prices by decreasing their relative supply.³

Sector performance was driven by quality spread tightening, largely a result of continued flows into the municipal market combined with less tax-exempt issuance. As a result, BBB-rated and lower credit quality sectors outperformed and benefited Trust performance as we held some exposure to these market segments.

In terms of the yield curve positioning, the Trust s exposure to the long portion of the curve (20+ years) contributed to returns. The Trust s long duration profile was also a contributor as yields declined during most of the reporting period. Some of our yield curve and duration positioning was obtained through the use of inverse floating rate securities. Inverse floating rate securities are instruments which have an inverse relationship to a referenced interest rate. Inverse floating rate securities can be a more efficient means by which to manage duration, yield curve exposure, credit exposure, and can potentially enhance yield.

At a sector level, our exposure to health care and airport bonds contributed to performance for the reporting period. Our underweight exposure to state and local general obligation bonds was a detractor.

We employ leverage in an effort to enhance the Trust s income and total return. Leverage simply magnifies the performance of the Trust, either up or down, and can be implemented in several ways. The Trust achieves a leveraged position through both borrowings and the use of financial instruments, which include auction preferred shares. During the reporting period, the Trust benefited from the use of leverage.

As stated earlier, the Trust trades at a market price and also has a NAV. For most of the reporting period the Trust traded at a premium to its underlying NAV. The premium narrowed for a short period of time in May but has since widened. The premium remained fairly stable, which corresponded with the market rally that began in late June, and reached its peak in August. The Trust traded at a premium at the close of the reporting period.

After the close of the Trust s fiscal year, market volatility increased significantly across the municipal asset class. Since the November elections, there are expectations that the Bush federal income tax cuts will be extended, which may diminish investor appetite for tax-free bonds. Additionally, market volatility was amplified as U.S. Treasury yields increased while states and municipalities flooded the market with new issues, including large issuance from the state of California.

Thank you for investing in Invesco Van Kampen Municipal Opportunity Trust and for sharing our long-term investment horizon.

- 1 Bureau of Economic Analysis
- 2 U.S. Federal Reserve
- 3 Barclays Capital

The views and opinions expressed in management s discussion of Trust performance are those of Invesco Advisers, Inc. These views and opinions are subject to change at any time based on factors such as market and economic conditions. These views and opinions may not be relied upon as investment advice or recommendations, or as an offer for a particular security. The information is not a complete analysis of every aspect of any market, country, industry, security or the Trust. Statements of fact are from sources considered reliable, but Invesco Advisers, Inc. makes no representation or warranty as to their completeness or accuracy. Although historical performance is no guarantee of future results, these insights may help you understand our investment management philosophy.

See important Trust and index disclosures later in this report.

Thomas Byron

Portfolio manager, is manager of Invesco Van Kampen Municipal Opportunity Trust. Mr. Byron joined Invesco in June 2010. He was associated with the Trust s previous investment adviser or its investment advisory affiliates in an investment capacity from 1981 to June 2010 and began managing the Trust in 2009. He earned a B.S. in finance from Marquette University and an M.B.A. in finance from DePaul University.

Robert Stryker

Chartered Financial Analyst, portfolio manager, is manager of Invesco Van Kampen Municipal Opportunity Trust. Mr. Stryker joined Invesco in June 2010. He was associated with the Trust s previous investment adviser or its investment advisory affiliates in an investment capacity from 1994 to June 2010 and began managing the Trust in 2009. He earned a B.S. in finance from the University of Illinois, Chicago.

Robert Wimmel

Portfolio manager, is manager of Invesco Van Kampen Municipal Opportunity Trust. Mr. Wimmel joined Invesco in June 2010. He was associated with the Trust s previous investment adviser or its investment advisory affiliates in an investment capacity from 1996 to June 2010 and began managing the Trust in 2001. He earned a B.A. in anthropology from the University of Cincinnati and an M.A. in economics from the University of Illinois, Chicago.

Invesco Van Kampen Municipal Opportunity Trust s investment objective is to provide a high level of current income exempt from federal income tax, consistent with preservation of capital.

- n Unless otherwise stated, information presented in this report is as of October 31, 2010, and is based on total net assets.
- n Unless otherwise noted, all data provided by Invesco.
- n To access your Trust s reports, visit invesco.com/fundreports.

Principal risks of investing in the Trust

- n The prices of securities held by the Trust may decline in response to market risks.
- n Other risks are described and defined later in this report.

About indexes used in this report

- n The **Barclays Capital Municipal Bond Index** is an unmanaged index considered representative of the tax-exempt bond market.
- The Trust is not managed to track the performance of any particular index, including the index(es) defined here, and consequently, the performance of the Trust may deviate significantly from the performance of the index(es).
- n A direct investment cannot be made in an index. Unless otherwise indicated, index results include reinvested dividends, and they do not reflect sales charges. Performance of the peer group, if applicable, reflects fund expenses; performance of a market index does not.

Other information

- n The Chartered Financial Analyst® (CFA®) designation is globally recognized and attests to a charterholder s success in a rigorous and comprehensive study program in the field of investment management and research analysis.
- n The returns shown in management s discussion of Trust performance are based on net asset values calculated for shareholder transactions. Generally accepted accounting principles require adjustments to be made to the net assets of the Trust at period end for financial reporting purposes, and as such, the net asset values for shareholder transactions and the returns based on those net asset values may differ from the net asset values and returns reported in the Financial Highlights.

NOT FDIC INSURED | MAY LOSE VALUE | NO BANK GUARANTEE | NYSE Symbol

VMO

Dividend Reinvestment Plan

The dividend reinvestment plan (the Plan) offers you a prompt and simple way to reinvest your dividends and capital gains distributions (Distributions) into additional shares of your Trust. Under the Plan, the money you earn from Distributions will be reinvested automatically in more shares of your Trust, allowing you to potentially increase your investment over time.

Plan benefits

n Add to your account

You may increase the amount of shares in your Trust easily and automatically with the Plan.

n Low transaction costs

Shareholders who participate in the Plan are able to buy shares at below-market prices when the Trust is trading at a premium to its net asset value (NAV). In addition, transaction costs are low because when new shares are issued by a Trust, there is no fee, and when shares are bought in blocks on the open market, the per share fee is shared among all Participants.

n Convenience

You will receive a detailed account statement from Computershare Trust Company, N.A. (the Agent) which administers the Plan. The statement shows your total Distributions, date of investment, shares acquired, and price per share, as well as the total number of shares in your reinvestment account. You can also access your account via the Internet. To do this, please go to invesco.com.

n Safekeeping

The Agent will hold the shares it has acquired for you in safekeeping.

How to participate in the Plan

If you own shares in your own name, you can participate directly in the Plan. If your shares are held in street name the name of your brokerage firm, bank, or other financial institution—you must instruct that entity to participate on your behalf. If they are unable to participate on your behalf, you may request that they reregister your shares in your own name so that you may enroll in the Plan.

How to enroll

To enroll in the Plan, please read the Terms and Conditions in the Plan Brochure. You can obtain a copy of the Plan Brochure and enroll in the Plan by visiting invesco.com, calling toll-free 800 341 2929 or notifying us in writing at Invesco Van Kampen Closed-End Funds, Computershare Trust Company, N.A. P.O. Box 43078, Providence, RI 02940-3078. Please include your Trust name and account number and ensure that all shareholders listed on the account sign these written instructions. Your participation in the Plan will begin with the next Distribution payable after the Agent receives your authorization, as long as they receive it before the record date, which is generally 10 business days before such Distributions are paid. If your authorization arrives after such record date, your participation in the Plan will begin with the following Distributions.

Costs of the Plan

There is no direct charge to you for reinvesting Distributions because the Plan s fees are paid by your Trust. If your Trust is trading at or above its NAV, your new shares are issued directly by the Trust and there are no brokerage

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charges or fees. However, if your Trust is trading at a discount, the shares are purchased on the open market, and you will pay your portion of per share fees. These per share fees are typically less than the standard brokerage charges for individual transactions because shares are purchased for all Participants in blocks, resulting in lower fees for each individual Participant. Any service or per share fees are added to the purchase price. Per share fees include any applicable brokerage commissions the Agent is required to pay.

Tax implications

The automatic reinvestment of Distributions does not relieve you of any income tax that may be due on Distributions. You will receive tax information annually to help you prepare your federal income tax return.

Invesco does not offer tax advice. The tax information contained herein is general and is not exhaustive by nature. It was not intended or written to be used, and it cannot be used, by any taxpayer for avoiding penalties that may be imposed on the taxpayer under U.S. federal tax laws. Federal and state tax laws are complex and constantly changing. Shareholders should always consult a legal or tax adviser for information concerning their individual situation.

How to withdraw from the Plan

You may withdraw from the Plan at any time by calling 800 341 2929, visiting invesco.com or by writing to Invesco Van Kampen Closed-End Funds, Computershare Trust Company, N.A., P.O. Box 43078, Providence, RI 02940-3078. Simply indicate that you would like to withdraw from the Plan, and be sure to include your Trust name and account number. Also, ensure that all shareholders listed on the account have signed these written instructions. If you withdraw, you have three options with regard to the shares held in the Plan:

- 1. If you opt to continue to hold your non-certificated whole shares (Investment Plan Book Shares), they will be held by the Agent electronically as Direct Registration Book-Shares (Book-Entry Shares) and fractional shares will be sold at the then-current market price. Proceeds will be sent via check to your address of record after deducting applicable fees.
- 2. If you opt to sell your shares through the Agent, we will sell all full and fractional shares and send the proceeds via check to your address of record after deducting a \$2.50 per share fee and applicable per share fee. Per share fees include any applicable brokerage commissions the Agent is required to pay.
- 3. You may sell your shares through your financial adviser through the Direct Registration System (DRS). DRS is a service within the securities industry that allows Trust shares to be held in your name in electronic format. You retain full ownership of your shares, without having to hold a stock certificate. You should contact your financial adviser to learn more about any restrictions or fees that may apply.

To obtain a complete copy of the Dividend Reinvestment Plan, please call our Client Services department at 800 341 2929 or visit invesco.com.

Schedule of Investments

October 31, 2010

Description	Coupon	Maturity	Par Amount (000)	Value
Municipal Bonds 166.1%				
Alabama 1.4%				
Bessemer, AL Governmental Util Svc Corp Wtr Supply Rev Rfdg, Ser A (AGL Insd) ^(a)	5.000%	06/01/39	\$ 1,975	\$ 2,047,325
Healthcare Auth for Baptist Hlth AL, Ser A(b)	6.125%	11/15/36	1,250	1,308,425
Huntsville Redstone Vlg, AL Spl Care Fac Fin Auth Redstone Vlg Proj	5.500%	01/01/43	1,600	1,282,528
Selma, AL Indl Dev Brd Rev Gulf Opportunity Zone Intl Paper Co Proj, Ser A	6.250%	11/01/33	1,825	1,961,674
				6,599,952
Alaska 0.5%				
Northern Tob Sec Corp AK Tob Settlement Rev Asset Bkd, Ser A	5.000%	06/01/46	3,000	2,108,490
Arizona 4.6%				
Arizona Cap Fac Fin Corp Student Hsg Rev AZ St Univ Proj	6.250%	09/01/32	1,425	1,424,857
Arizona St Trans Brd Hwy Rev, Ser B(a)	5.000%	07/01/25	1,575	1,767,008
Arizona St Trans Brd Hwy Rev, Ser B(a)	5.000%	07/01/26	2,365	2,637,992
Glendale, AZ Indl Dev Auth Midwestern Univ	5.000%	05/15/35	500	512,190
Glendale, AZ Indl Dev Auth Midwestern Univ	5.125%	05/15/40	1,000	1,028,490

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Goodyear, AZ McDowell Rd Coml Corridor Impt Dist Impt (AMBAC Insd)	5.250%	01/01/32	1,775	1,802,424
Maricopa Cnty, AZ Indl Dev Auth Hlth Fac Rev Catholic Hlthcare West, Ser C ^(b)	5.000%	07/01/38	2,050	2,239,235
Maricopa Cnty, AZ Pollutn Ctl Corp Pollutn Ctl Rev Rfdg AZ Pub Svc Co, Ser $B^{(b)}$	5.500%	05/01/29	1,125	1,168,414
Maricopa Cnty, AZ Stad Dist Rfdg (AMBAC Insd)	5.375%	06/01/19	1,500	1,577,760
Navajo Cnty, AZ Pollutn Ctl Corp Rev, Ser C(b)	5.500%	06/01/34	575	623,346
Navajo Cnty, AZ Pollutn Ctl Corp Rev, Ser E ^(b)	5.750%	06/01/34	675	731,255
Phoenix, AZ Indl Dev Auth Ed Rev Career Success Sch Proj	7.000%	01/01/39	595	636,001
Phoenix, AZ Indl Dev Auth Ed Rev Career Success Sch Proj	7.125%	01/01/45	570	610,225
Pima Cnty, AZ Indl Dev Auth Global Wtr Resh LLC Proj (AMT)	6.550%	12/01/37	2,100	2,116,254
Salt Riv Proj AZ Agric Impt & Pwr Dist Elec Sys Rev, Ser $A^{(a)}$	5.000%	01/01/28	1,930	2,123,328
University of AZ Med Ctr Corp	5.000%	07/01/35	705	690,273
				21,689,052
California 14.4%				
Anaheim, CA Pub Fin Auth Lease Rev Cap Apprec Sub Pub Impt Proj, Ser C (AGM Insd)	*	09/01/20	2,630	1,666,263
Bay Area Govt Assn CA Rev Tax Alloc CA Redev Pool, Ser A (Syncora Gtd)	5.250%	09/01/29	2,400	2,273,400
Bay Area Toll Auth CA Toll Brdg Rev San Francisco Bay Area, Ser F-1 ^(a)	5.000%	04/01/39	4,000	4,185,240
Beverly Hills, CA Uni Sch Dist Cap Apprec 2008 Election	*	08/01/28	750	320,280
California Hlth Fac Fin Auth Rev Catholic Hlthcare West, Ser A	6.000%	07/01/34	1,000	1,099,120
California Hsg Fin Agy Rev Home Mtg, Ser G (AMT)	4.950%	08/01/23	4,200	4,045,776

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California Hsg Fin Agy Rev Home Mtg, Ser G (AMT)	5.050%	02/01/29	2,800	2,683,744
California Hsg Fin Agy Rev Home Mtg, Ser K (AMT)	5.300%	08/01/23	2,900	2,916,095
California Hsg Fin Agy Rev Home Mtg, Ser K (AMT)	5.450%	08/01/28	3,400	3,312,178
California Pollutn Ctl Fin Auth Solid Waste Disp Rev Waste Mgmt Inc Proj, Ser B (AMT)	5.000%	07/01/27	2,000	2,035,040
California St Dept Wtr Res Wtr Rev Cent Vly Proj, Ser $AE^{(a)}$	5.000%	12/01/24	725	809,550
California St Dept Wtr Res Wtr Rev Cent Vly Proj, Ser $AE^{(a)}$	5.000%	12/01/25	900	1,002,267
California St Dept Wtr Res Wtr Rev Cent Vly Proj, Ser $AE^{(a)}$	5.000%	12/01/26	900	996,534
California St Dept Wtr Res Wtr Rev Cent Vly Proj, Ser $AE^{(a)}$	5.000%	12/01/27	525	577,988

See accompanying Notes to Financial Statements which are an integral part of the financial statements.

Description	Coupon	Maturity	Par Amount (000)	Value
California (continued)				
California St Dept Wtr Res Wtr Rev Cent Vly Proj, Ser $AE^{(a)}$	5.000%	12/01/28	\$ 900	\$ 986,436
California St Econ Recovery Rfdg, Ser A	5.250%	07/01/21	1,800	2,089,260
California St Pub Wk Brd Lease Rev Dept Mental Hlth Coalinga, Ser A	5.000%	06/01/25	2,000	2,008,060
California St Var Purp	5.750%	04/01/31	1,150	1,254,431
California Statewide Cmnty Dev Auth Rev Hlth Fac Adventist Hlth, Ser A	5.000%	03/01/30	5,000	5,011,250
California Statewide Cmnty Dev Auth Rev Kaiser Permanente, Ser A	5.000%	04/01/19	1,250	1,394,887
Daly City, CA Hsg Dev Fin Agy Mobile Home Pk Rev Rfdg Third Tier Franciscan, Ser C	6.500%	12/15/47	410	372,493
Foothill/Eastern Corridor Agy CA Toll Rd Rev Cap Apprec Rfdg	*	01/15/25	5,000	2,017,350
Golden St Tob Sec Corp CA Tob Settlement Rev Asset Bkd Sr, Ser A-1	4.500%	06/01/27	770	698,583
Golden St Tob Sec Corp CA Tob Settlement, Ser A-1	5.750%	06/01/47	4,160	3,327,376
Morongo Band of Mission Indians CA Enterprise Rev Indians Enterprise Casino, Ser $B^{(c)}$	5.500%	03/01/18	145	138,376
Palomar Pomerado Hlthcare Dist CA Ctf Partn	6.750%	11/01/39	1,050	1,159,494
Sacramento Cnty Calif Arpt Sys Rev Sr	5.000%	07/01/40	2,100	2,148,384
San Francisco, CA City & Cnty Arpt Commn Intl Arpt Rfdg, Ser A-4 (AMT) ^(b)	6.500%	05/01/19	1,150	1,241,195
Tobacco Sec Auth Northn CA Tob Settlement Rev Asset Bkd, Ser A-1	5.375%	06/01/38	2,400	2,012,760

Tobacco Sec Auth Northn CA Tob Settlement Rev Asset Bkd, Ser A-1	5.500%	06/01/45	675	508,397
Tobacco Sec Auth Southn CA Tob Settlement, Ser A-1	5.000%	06/01/37	3,000	