Invesco Municipal Income Opportunities Trust Form N-Q October 29, 2010

OMB APPROVAL

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-05597 Invesco Municipal Income Opportunities 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: <u>5/31</u> Date of reporting period: <u>8/31/10</u>

TABLE OF CONTENTS

Item 1. Schedule of Investments
EXHIBIT INDEX
EX-99.CERT

Item 1. Schedule of Investments.

Table of Contents

Invesco Municipal Income Opportunities Trust

Quarterly Schedule of Portfolio Holdings August 31, 2010

invesco.com/us MS-CE-MIOPP-QTR-1 08/10

Invesco Advisers, Inc.

Schedule of Investments

August 31, 2010 (unaudited)

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Municipal Obligations (102.7%) Alabama (1.0%)				
Colbert County-Northwest Alabama Health Care Authority, Helen Keller Hospital Ser 2003 Salma Industrial Davidenment Board, Culf	5.75%	06/01/27	\$ 1,000	\$ 997,770
Selma Industrial Development Board, Gulf Opportunity Zone Ser 2010 A	5.80	05/01/34	400	423,320
				1,421,090
Arizona (2.0%) Pima County Industrial Development Authority, Constellation Schools Ser 2008 Pima County Industrial Development Authority,	7.00	01/01/38	1,225	1,205,792
Water & Wastewater Global Water Resources LLC Ser 2007 (AMT) Pinal County Electrical District No. 4, Electric	6.55	12/01/37	800	808,800
System Ser 2008	6.00	12/01/38	660	688,248
				2,702,840
California (5.6%) California County Tobacco Securitization				
Agency, Gold County Settlement Funding Corp. Ser 2006 (a) California Municipal Finance Authority Educational Facility, High Tech High-Media Arts	0.00	06/01/33	1,745	204,479
Ser 2008 A (b) California Statewide Communities Development	5.875	07/01/28	335	329,342
Authority, Aspire Public Schools Ser 2010 California Statewide Communities Development Authority, California Baptist University, Ser	6.375	07/01/45	400	412,724
2007 A California Statewide Communities Development	5.50	11/01/38	1,000	870,290
Authority, Thomas Jefferson School of Law Ser 2008 A City of Albambra, Athartan Pantist Hamas Sar	7.25	10/01/38	200	209,876
City of Alhambra, Atherton Baptist Homes Ser 2010 A	7.625	01/01/40	335	359,612
City of Bakersfield, Ser 2010 A (AGM) (c)(d) County of Sacramento, Community Facilities	5.00	09/15/32	390	410,413
District No. 5 Ser 2007 A Daly City Housing Development Finance Agency, Franciscan Mobile Home Park Third	6.00 6.50	09/01/37 12/15/47	400 990	345,316 902,860

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Tier Refg Ser 2007 C Golden State Tobacco Securitization Corp.,				
Enhanced Asset Backed Ser 2007 A-1	5.125	06/01/47	3,000	2,030,010
Quechan Indian Tribe of Fort Yuma, Indian			,	, ,
Reservation Ser 2008	7.00	12/01/27	530	515,420
Riverside County Redevelopment Agency, Ser				
2010 C	6.25	10/01/40	400	404,520
Silicon Valley Tobacco Securitization Authority,				
Santa Clara Tobacco Securitization Corp. Ser 2007 C (a)	0.00	06/01/56	13,000	148,980
Southern California Logistics Airport Authority,	0.00	00/01/30	13,000	140,900
Ser 2008 A (a)	0.00	12/01/44	7,235	582,996
200011(4)	0.00	12,01,	,,	202,220
				7,726,838
Colorado (4.0%)				
Colorado Health Facilities Authority, Christian				
Living Communities Ser 2006 A	5.75	01/01/37	1,000	909,420
Colorado Health Facilities Authority, Christian				
Living Communities Ser 2009 A	9.00	01/01/34	500	542,605
Colorado Housing & Finance Authority, 1998 Ser				
D-2 (AMT)	6.35	11/01/29	245	261,778
Copperleaf Metropolitan District No. 2, Ser 2006	5.95	12/01/36	1,000	711,300
Elk Valley Public Improvement Corporation Ser	7.25	00/01/01	2 000	1 020 600
2001 A	7.35	09/01/31	2,000	1,939,600
Northwest Metropolitan District No. 3, Ser 2005	6.25	12/01/35	800	646,832
Regional Transportation District, Denver	6.00	01/15/41	400	410.712
Transportation Partners Ser 2010	6.00	01/15/41	400	419,712
				5,431,247

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

1 Invesco Municipal Income Opportunities Trust

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Connecticut (0.7%) Standard Life Legend Canadian Equity Pool, Ser 2006 A	5.125%	10/01/36	\$ 1,970	\$ 1,018,076
District of Columbia (0.6%) District of Columbia, Income Tax Secured Revenue Refg Ser 2009 B (c) Metropolitan Washington Airports Authority,	5.00	12/01/25	540	624,051
District of Columbia & Virginia, CaterAir International Corp. Ser 1991 (AMT)	10.125	09/01/11	180	179,356
				803,407
Florida (15.7%)				
Beacon Lakes, Community Development				
District, Ser 2003 A	6.90	05/01/35	1,815	1,826,979
Bellalago Educational Facilities Benefits District, Bellalago Charter School Ser 2004 B	5.80	05/01/34	920	824,302
Brevard County Health Facilities Authority,				
Buena Vida Estates, Inc. Ser 2007	6.75	01/01/37	640	636,410
Broward County Professional Sports Facilities, Civic Arena Refg Ser 2006 A (CR) (AGM &				
AMBAC) $(c)(d)$	5.00	09/01/23	2,960	3,212,251
County of Alachua Industrial Development,				
North Florida Retirement Village, Ser 2007	5.25	11/15/17	500	498,330
County of Alachua Industrial Development, North Florida Retirement Village, Ser 2007	5.875	11/15/36	800	733,720
County of Alachua Industrial Development,				,
North Florida Retirement Village, Ser 2007	5.875	11/15/42	400	363,656
County of Escambia, Pensacola Care Development Centers Ser 1989	10.25	07/01/11	1,015	1,025,079
County of Escambia, Pensacola Care	10.23	07/01/11	1,013	1,023,077
Development Centers Ser 1989 A	10.25	07/01/11	235	237,334
Fiddlers Creek Community Development District	6.00	05/01/29	755	286,749
No. 1 Ser 2005 (e) Fountainbleau Lakes Community Development	6.00	05/01/38	755	280,749
District Ser 2007 B	6.00	05/01/15	495	252,499
Grand Bay at Doral Community Development		0.5.10.4.10.0		•••
District Ser 2007 A Lee County Industrial Development Authority,	6.00	05/01/39	750	285,000
Ser 2007 A	5.375	06/15/37	1,000	870,510
Miami Beach Health Facilities Authority, Mount				
Sinai Medical Center Refg Ser 2004	6.75	11/15/21	270	283,729
	6.25	05/01/37	1,000	997,320

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Midtown Miami Community Development District, Parking Garage Ser 2004 A						
Orange County Health Facilities Authority,						
Orlando Lutheran Towers, Inc. Ser 2005	5.70	07/01/26		500		471,120
Orange County Health Facilities Authority,						
Orlando Lutheran Towers, Inc. Ser 2007	5.50	07/01/32		2,000		1,781,040
Orange County Health Facilities Authority,						
Westminister Community Care Services, Inc. Ser						
1999	6.75	04/01/34		1,000		1,000,230
Pinellas County Health Facilities Authority, Oaks						
of Clearwater Ser 2004	6.25	06/01/34		600		614,598
Renaissance Commons Community Development						
District, 2005 Ser A	5.60	05/01/36		935		781,819
South Miami Health Facilities Authority, Baptist						
Health South Florida Obligated Group Ser 2007						
(c)	5.00	08/15/32		2,860		2,941,081
St. Johns County Industrial Development						
Authority, Ser 2010 A	6.00	08/01/45		400		415,108
Tolomato Community Development District,						
Special Assessment Ser 2007	6.55	05/01/27		600		480,798
Tolomato Community Development District,						
Special Assessment Ser A	5.25	05/01/39		490		339,286
University Square Community Development						
District, Ser 2007 A-1	5.875	05/01/38		395		370,166
						21,529,114
Carrie (1.20%)						
Georgia (1.3%) Gity of Atlanta, Politing Son 2000 P	7 275	01/01/31		400		419 272
City of Atlanta, Beltline Ser 2009 B City of Atlanta, Eastside Ser 2005 B	7.375 5.60					418,272
Clayton County Development Authority, Ser	5.00	01/01/30		1,000		1,016,820
2009 B (AMT)	9.00	06/01/35		300		323,337
2009 B (ANTI)	9.00	00/01/33		300		323,331
						1,758,429
						1,730,727
Hawaii (2.1%)						
Hawaii State, Ser 2008 DK (c)	5.00%	05/01/23	\$	1,220	\$	1,412,919
Hawaii State Department of Budget & Finance,	2.0070	02, 01, 25	4	-,0	Ψ	-,·- - ,/ -/
15 Craigside Project Ser 2009 A	8.75	11/15/29		400		469,444
2 Invesco Municipal Income Opportunities						7 •
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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Hawaii State Department of Budget & Finance, Kahala Nui Ser 2003 A	8.00	11/15/33	1,000	1,074,250
				2,956,613
Idaho (0.6%) Idaho Health Facilities Authority, Valley Vista Care Corp Refg Ser 2007	6.125	11/15/27	945	859,581
Illinois (9.3%)				
Bolingbrook, Will & Dupage Counties Special				
Service Area No. 2005-1 Ser 2005	5.90	03/01/27	750	640,635
City of Chicago, Lake Shore East Ser 2002 City of United City of Yorkville,	6.75	12/01/32	2,000	1,988,340
Cannonball/Beecher Road Ser 2007 Hampshire Special Service Area No. 18 Ser 2007	5.75	03/01/28	1,000	945,220
A	6.00	03/01/44	500	225,050
Illinois Finance Authority, Elmhurst Memorial Healthcare Ser 2008 A	5.625	01/01/37	480	473,789
Illinois Finance Authority, Friendship Village of Schaumburg Ser 2010	7.00	02/15/38	580	584,367
Illinois Finance Authority, Landing at Plymouth Place Ser 2005 A Illinois Finance Authority, Luther Oaks Ser 2006	6.00	05/15/37	1,000	885,230
A Illinois Finance Authority, Montgomery Place	6.00	08/15/39	1,000	862,320
Ser 2006 A Illinois Finance Authority, Park Place Elmhurst	5.75	05/15/38	1,650	1,427,662
Ser 2010 A Illinois Health Facilities Authority, Smith	8.25	05/15/45	400	400,448
Crossing Ser 2003 A Illinois State Toll Highway Authority, Ser 2008 B	7.00	11/15/32	800	800,112
<i>(c)</i>	5.50	01/01/33	1,200	1,338,780
Village of Bolingbrook, Sales Tax Ser 2005 Village of Pingree Grove Special Service Area	6.25	01/01/24	1,000	636,080
No. 7, Cambridge Lakes Ser 2006-1 Will-Kankakee Regional Development Authority, Senior Estates Supportive Living Ser 2007	6.00	03/01/36	999	934,844
(AMT)	7.00	12/01/42	650	622,733
				12,765,610
Indiana (0.8%)	8.00	11/15/39	400	409,060

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City of Crown Point, Wittenberg Village Ser 2009 A				
County of St. Joseph, Holy Cross Village at Notre Dame Ser 2006 A Vigo County Independent Hospital Authority,	6.00	05/15/26	285	275,692
Union Hospital Inc., Ser 2007	5.80	09/01/47	400	380,212
				1,064,964
<i>Iowa (1.6%)</i> Iowa Finance Authority, Bethany Life				
Communities Refg Ser 2006 A	5.55	11/01/41	1,000	880,870
Iowa Finance Authority, Madrid Homes Ser 2007 Jefferson County Hospital Revenue, Jefferson	5.90	11/15/37	750	638,970
County Hospital Project Ser 2007 C	5.95	08/01/37	785	678,915
				2,198,755
Kansas (0.4%)				
City of Olathe, Catholic Care Ser 2006 A	6.00	11/15/38	560	519,870
Louisiana (2.0%)				
Lakeshore Villages Master Community				
Development District, Special Assessment Ser				
2007	5.25	07/01/17	794	436,779
Louisiana Local Government, Westlake Chemical				
Corp., Ser 2009 A	6.50	08/01/29	400	418,076
Louisiana Public Facilities Authority, Lake				
Charles Memorial Hospital Refg Ser 2007 (b)	6.375	12/01/34	600	588,678
Parish of St John Baptist, Marathon Oil Corp. Ser				
2007 A	5.125	06/01/37	500	500,975
Tobacco Settlement Financing Corp., Ser 2001 B	5.875	05/15/39	800	802,680
				2,747,188
Maryland (1.6%)				
Marlyland Economic Development Corp.,				
Chesapeake Bay Conference Center Ser 2006 A	5.00%	12/01/31	\$ 1,000	\$ 753,220
Maryland Health & Higher Educational Facilities Authority, King Farm Presbyterian Community				
Ser 2007 A	5.30	01/01/37	750	560,063
Maryland Health & Higher Educational Facilities Authority, Washington Christian Academy Ser				
2006	5.50	07/01/38	800	344,024
3 Invesco Municipal Income Opportunities	Trust			

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Maryland Industrial Development Financing Authority, Our Lady of Good Counsel High School Ser 2005 A	6.00	05/01/35	500	501,360
Sellodi Sel 2003 A	0.00	03/01/33	300	2,158,667
Managarahan (2.40)				
Massachusetts (3.4%) Commonwealth of Massachusetts, Ser 2010 A				
(AMBAC)(c)(d)	5.50	08/01/30	390	498,244
Massachusetts Development Finance Agency, Linden Ponds, Inc. Facility Ser 2007 A Massachusetts Development Finance Agency,	5.75	11/15/42	425	313,072
Loomis Communities Ser 1999 A	5.75	07/01/23	1,500	1,495,830
Massachusetts Development Finance Agency, New England Center for Children Ser 1998 Massachusetts Development Finance Agency	5.875	11/01/18	1,455	1,407,029
Massachusetts Development Finance Agency, The Groves in Lincoln Facility Ser 2009 B-2 Massachusetts Health & Educational Facilities	7.75	06/01/39	400	426,724
Authority, Massachusetts Institute of Technology Ser 2002 K (c)	5.50	07/01/32	390	501,017
				4,641,916
Michigan (1.1%)				
Dearborn Economic Development Corp., Henry				
Ford Village, Inc. Refg Ser 2008 Michigan Strategic Fund, Limited Obligation	7.00	11/15/28	500	504,890
Revenue Ser 2003 A-1 (AMT)	6.75	12/01/28	400	445,976
Michigan Tobacco Settlement Finance Authority Ser 2007 A	6.00	06/01/48	760	579,014
				1,529,880
Minnesota (1.7%)				
City of Brooklyn Park, Prairie Seeds Academy				
Ser 2009 A City of Minneapolis Health Care System,	9.25	03/01/39	450	508,923
Fairview Health Services Ser 2008 A City of North Oaks, Presbyterian Homes of North	6.75	11/15/32	600	693,054
Oaks Ser 2007	6.125	10/01/39	750	757,020
St Paul Housing & Redevelopment Authority Tax Increment, Emerald Gardens, Ser 2010	6.25	03/01/25	400	419,796
				2,378,793

Mississippi (0.3%)				
Mississippi Business Finance Corp., System				
Energy Resources, Inc. Ser 1998	5.875	04/01/22	400	400,028
Missouri (6.3%)				
Branson Hills Infrastructure Facilities				
Community Improvement District, Ser 2007 A	5.50	04/01/27	750	579,390
Branson Regional Airport Transportation				
Development District Ser 2007 B (AMT)	6.00	07/01/37	500	287,330
City of Des Peres, West County Center Ser 2002	5.75	04/15/20	2,000	1,983,840
City of Fenton, Gravois Bluffs Redevelopment				
Ser 2001 A (f)	7.00	10/01/11	3,850	4,150,608
Kirkwood Industrial Development Authority,				
Aberdeen Heights Ser 2010 A	8.25	05/15/39	400	422,892
St. Louis County Industrial Development				
Authority, Ranken-Jordan Refg Ser 2007	5.00	11/15/22	250	237,905
St. Louis County Industrial Development				
Authority, St Andrews Resources for Seniors Ser	6 3 7 7	10/01/11	==0	660.000
2007 A	6.375	12/01/41	750	668,902
Valley Park Industrial Development Authority	C 15	12/01/22	400	204 400
Senior Housing, Cape Albeon, Ser 1998	6.15	12/01/33	400	394,408
				8 725 275
				8,725,275
Nebraska (0.3%)				8,725,275
Nebraska (0.3%) Gage County Hospital Authority No. 1, Beatrice				8,725,275
	6.75	06/01/35	400	8,725,275 415,572
Gage County Hospital Authority No. 1, Beatrice	6.75	06/01/35	400	
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%)	6.75	06/01/35	400	
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District				415,572
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006	6.75 5.30%	06/01/35 09/01/35	400 \$ 450	\$
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3	5.30%	09/01/35	\$ 450	\$ 415,572 221,990
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008				\$ 415,572
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of	5.30%	09/01/35	\$ 450	\$ 415,572 221,990
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd	5.30% 6.50	09/01/35 09/01/20	\$ 450 560	\$ 415,572 221,990 566,602
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e)	5.30%	09/01/35	\$ 450	\$ 415,572 221,990
Gage County Hospital Authority No. 1, Beatrice Community Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e) Las Vegas Redevelopment Agency, Tax	5.30% 6.50 7.375	09/01/35 09/01/20 01/01/40	\$ 450 560 1,000	\$ 415,572 221,990 566,602 2,000
Gage County Hospital Authority No. 1, Beatrice Commmunity Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e) Las Vegas Redevelopment Agency, Tax Increment Ser 2009 A	5.30% 6.50	09/01/35 09/01/20	\$ 450 560	\$ 415,572 221,990 566,602
Gage County Hospital Authority No. 1, Beatrice Commmunity Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e) Las Vegas Redevelopment Agency, Tax Increment Ser 2009 A Mesquite Special Improvement District	5.30% 6.50 7.375	09/01/35 09/01/20 01/01/40	\$ 450 560 1,000	\$ 415,572 221,990 566,602 2,000
Gage County Hospital Authority No. 1, Beatrice Commmunity Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e) Las Vegas Redevelopment Agency, Tax Increment Ser 2009 A Mesquite Special Improvement District No. 07-01, Local Improvement- Anthem at	5.30% 6.50 7.375 8.00	09/01/35 09/01/20 01/01/40 06/15/30	\$ 450 560 1,000 500	\$ 415,572 221,990 566,602 2,000 594,200
Gage County Hospital Authority No. 1, Beatrice Commmunity Hospital & Health Ser 2010 B Nevada (1.7%) City of Henderson, Local Improvement District No. T-18 Ser 2006 City of Sparks, Local Improvement District No. 3 Ser 2008 Director of the State of Nevada, Department of Business & Industry, Las Vegas Monorail 2nd Tier Ser 2000 (e) Las Vegas Redevelopment Agency, Tax Increment Ser 2009 A Mesquite Special Improvement District	5.30% 6.50 7.375	09/01/35 09/01/20 01/01/40	\$ 450 560 1,000	\$ 415,572 221,990 566,602 2,000

4 Invesco Municipal Income Opportunities Trust

Table of Contents

	Interest Rate	Maturity Date	Principal Amount (000)	Value
New Hampshire (1.4%)				
New Hampshire Business Finance Authority,				
Huggins Hopsital Ser 2009	6.875	10/01/39	400	413,572
New Hampshire Housing Finance Authority,				
Single Family Residential 1983 Ser B (a)	0.00	01/01/15	2,295	1,468,731
				1,882,303

New Jersey (4.4%)