DWS MUNICIPAL INCOME TRUST Form N-Q October 26, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: 811-05655

DWS Municipal Income Trust (Exact name of registrant as specified in charter)

345 Park Avenue New York, NY 10154 (Address of principal executive offices) (Zip code)

> Paul Schubert 60 Wall Street New York, NY 10005 (Name and address of agent for service)

Registrant's telephone number, including area code: (212) 250-3220

Date of fiscal year end: 11/30

Date of reporting period: 8/31/2012

ITEM 1. SCHEDULE OF INVESTMENTS

Investment Portfolio as of August 31, 2012 (Unaudited)

DWS Municipal Income Trust

•	Principal	
	Amount (\$)	Value (\$)
Municipal Bonds and Notes 115.9%		
Alabama 0.2%		
Camden, AL, Industrial Development Board Revenue,		
Series B, AMT, Prerefunded, 6.375%, 12/1/2024	1,000,000	1,076,940
Arizona 1.1%		
Arizona, Salt Verde Financial Corp., Gas Revenue:		
5.0%, 12/1/2037	1,050,000	1,121,999
5.5%, 12/1/2029	1,400,000	1,577,716

Phoenix, AZ, Civic Improvement Corp., Airport Revenue,		
Series A, 5.0%, 7/1/2040	3,000,000	3,315,570
		6,015,285
California 21.7%		
California, Bay Area Toll Authority, Toll Bridge Revenue,	7 000 000	5.604.050
San Francisco Bay Area, Series F-1, 5.125%, 4/1/2039	5,000,000	5,604,950
California, Health Facilities Financing Authority Revenue,	2.500.000	4 100 505
Catholic Healthcare West, Series A, 6.0%, 7/1/2039	3,500,000	4,133,535
California, M-S-R Energy Authority, Series A, 7.0%,	2 100 000	4 222 224
11/1/2034	3,180,000	4,232,834
California, San Gorgonio Memorial Healthcare, Election of	5,000,000	£ 001 000
2006, Series C, 7.2%, 8/1/2039	5,000,000	5,881,900
California, South Bayside Waste Management Authority,		
Solid Waste Enterprise Revenue, Shoreway Environmental Center, Series A, 6.25%, 9/1/2029	5,345,000	6 106 225
California, Special Assessment Revenue, Golden State	3,343,000	6,106,235
Tobacco Securitization Corp., Series 2003-A-1,		
Prerefunded, 6.75%, 6/1/2039	11,730,000	12,305,943
California, State General Obligation:	11,750,000	12,303,943
5.0%, 2/1/2033	5,000,000	5,637,750
5.25%, 4/1/2035	4,295,000	4,904,246
5.5%, 3/1/2040	1,370,000	1,572,239
6.0%, 4/1/2038	10,000,000	11,796,200
California, State Public Works Board, Lease Revenue,	10,000,000	11,770,200
Capital Projects, Series I-1, 6.375%, 11/1/2034	2,000,000	2,428,680
California, State Public Works Board, Lease Revenue,	2,000,000	2,120,000
Department of Corrections, Series C, Prerefunded, 5.5%,		
6/1/2021	2,500,000	2,663,425
California, State Public Works Board, Lease Revenue,	_,= 0 0,000	_,,,,,,
Department of General Services, Buildings 8 & 9, Series		
A, 6.25%, 4/1/2034	6,640,000	7,896,288
California, Statewide Communities Development	• •	, ,
Authority Revenue, American Baptist Homes of the West,		
6.25%, 10/1/2039, GTY: American Baptist Homes of the		
Midwest	1,250,000	1,359,650
Corona-Norco, CA, Unified School District, Election of		
2006, Series A, 5.0%, 8/1/2031, INS: AGMC	5,130,000	5,611,604
Kern, CA, High School District, Election of 2004, Series		
B, 5.0%, 8/1/2030, INS: AGMC	13,270,000	14,007,281
Los Angeles, CA, Community College District, Election of		
2008, Series C, 5.25%, 8/1/2039	3,000,000	3,491,970
Los Angeles, CA, Department of Airports Revenue, Los		
Angeles International Airport, Series B, 5.0%, 5/15/2035	8,500,000	9,503,255
Port Oakland, CA, Series A, AMT, 5.0%, 11/1/2027, INS:		
NATL	5,850,000	6,175,670
San Diego, CA, Community College District, Election of		
2006, 5.0%, 8/1/2036	2,850,000	3,282,146
		110 505 001
Colorado 1 0%		118,595,801

Colorado, E-470 Public Highway Authority Revenue,		
Series A-1, 5.5%, 9/1/2024, INS: NATL Colorado, Health Facilities Authority Revenue, Covenant	2,500,000	2,733,525
Retirement Communities, Inc., 5.0%, 12/1/2035	2,500,000	2,578,800
		5,312,325
Florida 10.5% Miami-Dade County, FL, Aviation Revenue, Series A,		
5.5%, 10/1/2041	10,000,000	11,409,700
Miami-Dade County, FL, Aviation Revenue, Miami	10,000,000	11,402,700
International Airport:		
Series A, AMT, 5.25%, 10/1/2033, INS:		
AGC	8,500,000	9,175,495
Series A-1, 5.375%, 10/1/2035	2,000,000	2,288,460
Miami-Dade County, FL, Educational Facilities Authority	, ,	, ,
Revenue, University of Miami, Series A, 5.75%, 4/1/2028	3,000,000	3,389,880
Miami-Dade County, FL, Expressway Authority, Toll		
Systems Revenue, Series A, 5.0%, 7/1/2035, INS: AGMC	3,000,000	3,337,350
North Brevard County, FL, Hospital District Revenue,		
Parrish Medical Center Project:		
5.5%, 10/1/2028	5,290,000	5,811,805
5.75%, 10/1/2038	5,000,000	5,534,950
Orlando & Orange County, FL, Expressway Authority		
Revenue:		
Series C, 5.0%, 7/1/2035	2,705,000	3,023,000
Series A, 5.0%, 7/1/2040	11,895,000	13,163,483
		57,134,123
Georgia 7.5%		
Atlanta, GA, Airport Revenue:	4 000 000	4 4 2 0 0 0 4
Series A, 5.0%, 1/1/2035	1,030,000	1,139,994
Series C, AMT, 5.0%, 1/1/2037	1,690,000	1,850,111
Atlanta, GA, Water & Wastewater Revenue, Series A,	5 015 000	(00(201
6.25%, 11/1/2039	5,815,000	6,996,201
Gainesville & Hall County, GA, Hospital Authority Revenue, Anticipation Certificates, Northeast Georgia		
Healthcare, Series A, 5.5%, 2/15/2045	2,135,000	2,381,144
Georgia, Main Street Natural Gas, Inc., Gas Project	2,133,000	2,301,177
Revenue:		
Series A. 5.0%. 3/15/2020	7.250.000	8.243.612
Series A, 5.0%, 3/15/2020 Series A, 5.5%, 9/15/2024	7,250,000 5,000,000	8,243,612 5,553,100
Series A, 5.5%, 9/15/2024	5,000,000	5,553,100
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028		
Series A, 5.5%, 9/15/2024	5,000,000	5,553,100
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028 Georgia, Medical Center Hospital Authority Revenue,	5,000,000	5,553,100
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028 Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare	5,000,000 10,000,000	5,553,100 11,019,900
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028 Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare	5,000,000 10,000,000	5,553,100 11,019,900 3,841,101
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028 Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare Systems, 6.5%, 8/1/2038, INS: AGC	5,000,000 10,000,000	5,553,100 11,019,900 3,841,101
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028 Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare Systems, 6.5%, 8/1/2038, INS: AGC Hawaii 2.2%	5,000,000 10,000,000	5,553,100 11,019,900 3,841,101

Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., Inc., 6.5%, 7/1/2039, GTY: Hawaiian Electric Co., Inc.		
Honolulu City & County, HI, Wastewater Systems Revenue, Series A, 5.25%, 7/1/2036	5,215,000	6,166,007
		11,961,911
Idaho 1.0%		<i>γ γ-</i>
Idaho, Health Facilities Authority Revenue, St. Luke's		
Regional Medical Center: 5.0%, 7/1/2035, INS: AGMC	2,500,000	2 764 900
6.75%, 11/1/2037	2,300,000	2,764,800 2,533,007
0.75 %, 11/1/2057	2,133,000	2,333,007
		5,297,807
Illinois 10.5%		
Chicago, IL, Airport Revenue, O'Hare International Airport:		
AMT, 5.5%, 1/1/2014, INS: AMBAC	10,000,000	10,013,900
Series A, 5.75%, 1/1/2039	5,000,000	5,895,900
Series B, 6.0%, 1/1/2041	9,000,000	10,782,720
Chicago, IL, General Obligation, Series A, 5.25%,		
1/1/2035	2,025,000	2,279,907
Chicago, IL, Water Revenue, 5.0%, 11/1/2032	3,000,000	3,495,120
Illinois, Finance Authority Revenue, Advocate Health Care		
Network:		
Series B, 5.375%, 4/1/2044	2,500,000	2,754,125
Series D, 6.5%, 11/1/2038	1,000,000	1,177,480
Illinois, Finance Authority Revenue, Elmhurst Memorial	2 000 000	2 220 150
Healthcare, Series A, 5.625%, 1/1/2037	3,000,000	3,228,150
Illinois, Finance Authority Revenue, Memorial Health	4 200 000	4 572 750
Systems, 5.5%, 4/1/2039 Illinois, Finance Authority Revenue, Northwest	4,200,000	4,572,750
Community Hospital, Series A, 5.5%, 7/1/2038	5,750,000	6,277,217
Illinois, Metropolitan Pier & Exposition Authority,	3,730,000	0,277,217
Dedicated State Tax Revenue, McCormick Place, Series B,		
5.0%, 6/15/2050, INS: AGMC	3,000,000	3,270,150
Illinois, Railsplitter Tobacco Settlement Authority, 6.0%,	-,,	-,_, -, -, -
6/1/2028	915,000	1,074,393
Illinois, State Finance Authority Revenue, Ascension		
Health Credit Group:		
Series A, 5.0%, 11/15/2032	730,000	829,966
Series A, 5.0%, 11/15/2037	520,000	579,389
University of Illinois, Auxiliary Facilities Systems, Series		
A, 5.25%, 4/1/2041	1,250,000	1,402,563
		57,633,730
Indiana 0.4%		57,055,750
Indiana, Finance Authority Hospital Revenue, Deaconess		
Hospital Obligation, Series A, 6.75%, 3/1/2039	1,745,000	2,063,812
Kentucky 1.8%	4,000,000	4,399,480
	, ,	, ,

Kentucky, Economic Development Finance Authority, Louisville Arena Project Revenue, Series A-1, 6.0%, 12/1/2042, INS: AGC Louisville & Jefferson County, KY, Metropolitan		
Government Health Systems Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	5,000,000	5,200,800
Louisiana 1.0%		9,600,280
Louisiana, Public Facilities Authority, Hospital Revenue, Lafayette General Medical Center, 5.5%, 11/1/2040 Louisiana, St. John Baptist Parish Revenue, Marathon Oil	3,000,000	3,299,610
Corp., Series A, 5.125%, 6/1/2037	2,315,000	2,456,007
Maryland 0.5%		5,755,617
Maryland, State Health & Higher Educational Facilities Authority Revenue, Anne Arundel Health Systems, Series		
A, 6.75%, 7/1/2039 Maryland, State Health & Higher Educational Facilities	1,100,000	1,332,276
Authority Revenue, Washington County Hospital, 5.75%, 1/1/2033	1,500,000	1,611,075
Massachusetts 1.8%		2,943,351
Massachusetts, Airport Revenue, U.S. Airways, Inc. Project, Series A, AMT, 5.875%, 9/1/2023, INS: NATL Massachusetts, State Development Finance Agency Revenue, Babson College, Series A, 0.16% *, 10/1/2032,	5,000,000	5,005,450
LOC: Citizens Bank Massachusetts, State Health & Educational Facilities	600,000	600,000
Authority Revenue, Suffolk University, Series A, 5.75%, 7/1/2039	3,570,000	3,979,622
Michigan 5.0%		9,585,072
Detroit, MI, Water & Sewerage Department Disposal System Revenue, Series A, 5.25%, 7/1/2039 Michigan, State Building Authority Revenue, Series I-A,	1,120,000	1,194,805
5.375%, 10/15/2041 Michigan, State Building Authority Revenue, Facilities	7,500,000	8,637,225
Program: Series H, 5.125%, 10/15/2033	2,495,000	2,787,688
Series I, 6.0%, 10/15/2038	1,000,000	1,156,620
Michigan, State Hospital Finance Authority Revenue, Henry Ford Health Hospital, 5.75%, 11/15/2039 Michigan, State Hospital Finance Authority, Trinity Health	5,000,000	5,739,900
Credit Group, Series C, 5.0%, 12/1/2034 Royal Oak, MI, Hospital Finance Authority Revenue,	4,950,000	5,543,406
William Beaumont Hospital, 8.25%, 9/1/2039	1,800,000	2,319,390

		27,379,034
Minnesota 0.2%		
Minneapolis, MN, Health Care Systems Revenue, Fairview	1 140 000	1 262 175
Health Services, Series A, 6.75%, 11/15/2032 Mississippi 0.4%	1,140,000	1,362,175
Mississippi 6.4 % Mississippi, State Business Finance Commission, Gulf		
Opportunity Zone, Chevron U.S.A., Inc. Project:		
Series G, 0.16% *, 12/1/2030, GTY:		
Chevron Corp.	400,000	400,000
Series E, 0.17% *, 12/1/2030, GTY:	200.000	200.000
Chevron Corp.	300,000	300,000
Warren County, MS, Gulf Opportunity Zone, International Paper Co., Series A, 6.5%, 9/1/2032	1,525,000	1,727,901
1 aper co., series A, 0.5 %, 7/11/2032	1,323,000	1,727,701
		2,427,901
Nevada 3.2%		
Clark County, NV, Airport Revenue, Series B, 5.125%,		
7/1/2036	4,305,000	4,746,478
Henderson, NV, Health Care Facility Revenue, Catholic	10 000 000	10 645 600
Healthcare West, Series B, 5.25%, 7/1/2031 Las Vegas Valley, NV, Water District, Series B, 5.0%,	10,000,000	10,645,600
6/1/2037	1,830,000	2,076,848
0.11.2001	1,020,000	2,070,010
		17,468,926
New Jersey 4.6%		
New Jersey, Economic Development Authority Revenue,		
Cigarette Tax, Prerefunded, 5.75%, 6/15/2034	1,090,000	1,196,090
New Jersey, Hospital & Healthcare Revenue, General Hospital Center at Passaic, ETM, 6.75%, 7/1/2019, INS:		
AGMC	5,000,000	6,263,100
New Jersey, Industrial Development Revenue, Economic	2,000,000	0,203,100
Development Authority, Harrogate, Inc., Series A, 5.875%,		
12/1/2026	1,400,000	1,400,784
New Jersey, State Transportation Trust Fund Authority,		
Transportation Systems:	1 200 000	1 420 672
Series B, 5.5%, 6/15/2031	1,200,000	1,428,672
Series A, 5.5%, 6/15/2041 Series A, 6.0%, 12/15/2038	5,460,000 1,955,000	6,390,111 2,295,502
Series A, Prerefunded, 6.0%, 12/15/2038	1,045,000	1,367,895
New Jersey, State Turnpike Authority Revenue:	1,0 10,000	1,007,070
Series A, 5.0%, 1/1/2035	1,065,000	1,230,192
Series E, 5.25%, 1/1/2040	1,750,000	1,969,590
New Jersey, Tobacco Settlement Financing Corp., Series	1.700.000	1 415 500
1-A, 5.0%, 6/1/2041	1,700,000	1,417,783
		24,959,719
New York 9.5%		24,232,712
New York, Metropolitan Transportation Authority		
Revenue:		
Series D, 5.0%, 11/15/2032	2,565,000	2,962,960
Series E, 5.0%, 11/15/2042	765,000	856,800

New York, State Agency General Obligation Lease, Higher Education Revenue, Dormitory Authority, City University, Series A, 5.625%, 7/1/2016 New York, State Environmental Facilities Corp., State Clean Water & Drinking Revolving Funds, New York City	1,490,000	1,689,198
Municipal Water Finance Authority Projects, 5.0%, 6/15/2036 New York, State Liberty Development Corp. Revenue, World Trade Center Port Authority Construction:	2,000,000	2,316,140
5.0%, 12/15/2041	4,255,000	4,748,282
5.25%, 12/15/2043	5,000,000	5,737,650
New York, State Thruway Authority, General Revenue,	3,000,000	3,737,030
Series I, 5.0%, 1/1/2037	1,340,000	1,514,186
New York, Tobacco Settlement Financing Corp., Series	1,5 10,000	1,511,100
B-1C, 5.5%, 6/1/2019	15,500,000	16,091,790
New York City, NY, Municipal Water Finance Authority,	,	,
Water & Sewer Revenue, Second General Resolution,		
Series EE, 5.375%, 6/15/2043	3,750,000	4,400,625
New York City, NY, Municipal Water Finance Authority,		
Water & Sewer Systems Revenue, Second General		
Resolution:		
Series A-1, 0.17% *, 6/15/2044, SPA:		
Mizuho Corporate Bank	1,950,000	1,950,000
Series AA-1, 0.18% *, 6/15/2032	1,460,000	1,460,000
Niagara Falls, NY, School District General Obligation,		
5.6%, 6/15/2014, INS: AGMC	1,180,000	1,292,584
Port Authority of New York & New Jersey, AMT, 5.0%,		
10/1/2034	6,000,000	6,776,760
		51 706 075
N 41 C 1' 0.00		51,796,975
North Carolina 0.8%		
North Carolina, Electric Revenue, Municipal Power Agency, Series C, 5.375%, 1/1/2017	1,000,000	1 016 120
	1,000,000	1,016,120
North Carolina, Medical Care Commission, Health Care Facilities Revenue, University Health System, Series D,		
6.25%, 12/1/2033	3,000,000	3,520,920
0.23 /0, 12/1/2033	3,000,000	3,320,720
		4,537,040
North Dakota 0.7%		1,007,010
Fargo, ND, Sanford Health Systems Revenue, 6.25%,		
11/1/2031	3,240,000	3,957,563
Ohio 2.7%		
Kent, OH, State University Revenues, General Receipts,		
Series A, 5.0%, 5/1/2037	1,500,000	1,700,880
Lucas County, OH, Hospital Revenue, Promedica		
Healthcare, Series A, 6.5%, 11/15/2037	1,500,000	1,873,560
Ohio, American Municipal Power, Inc. Revenue, Fremont		
Energy Center Project, Series B, 5.0%, 2/15/2037	1,445,000	1,622,518
Ohio, State Hospital Facility Revenue, Cleveland Clinic		
Health:	7 000 000	# 240 4#C
Series A, 5.5%, 1/1/2039	5,000,000	5,610,150

Series B, 5.5%, 1/1/2039	3,500,000	3,927,105
		14,734,213
Oregon 0.2% Port of Portland, OR, Special Obligation Revenue, Horizon Air Industries, Inc. Project, AMT, 0.2% *, 6/15/2027, LOC: Bank of America NA Pennsylvania 2.3% Allegheny County, PA, Hospital Development Authority	1,000,000	1,000,000
Revenue, University of Pittsburgh Medical, 5.625%, 8/15/2039 Franklin County, PA, Industrial Development Authority Revenue, Chambersburg Hospital Project, 5.375%,	1,700,000	1,917,362
7/1/2042 Philadelphia, PA, Airport Revenue, Series A, 5.0%,	7,000,000	7,580,230
6/15/2035	2,835,000	3,079,264
Puerto Rico 3.9%		12,576,856
Puerto Rico 3.9% Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue:		
Series A, 5.375%, 8/1/2039 Series A, 6.5%, 8/1/2044	3,200,000 15,000,000	3,425,792 17,910,450
		21,336,242
Rhode Island 0.4% Rhode Island, Health & Educational Building Corp., Higher Education Facility Revenue, University of Rhode Island, Series A, 6.25%, 9/15/2034 South Carolina 1.8%	2,000,000	2,343,780
Greenwood County, SC, Hospital Revenue, Self Regional Healthcare, Series B, 5.0%, 10/1/2031 South Carolina, Jobs Economic Development Authority, Hospital Facilities Revenue, Palmetto Health Alliance,	1,000,000	1,109,600
Series C, Prerefunded, 7.0%, 8/1/2030 South Carolina, State Ports Authority Revenue, 5.25%,	5,420,000	5,755,173
7/1/2040	2,550,000	2,872,855
Tennessee 2.9%		9,737,628
Clarksville, TN, Natural Gas Acquisition Corp., Gas Revenue, 5.0%, 12/15/2021 Jackson, TN, Hospital Revenue, Jackson-Madison Project,	2,000,000	2,140,340
5.625%, 4/1/2038 Shelby County, TN, Health, Educational & Housing	4,000,000	4,506,400
Facility Board, Hospital Revenue, Methodist Health Care, Prerefunded, 6.5%, 9/1/2026 Sullivan County, TN, Health, Educational & Housing	7,000,000	7,000,000
Facilities Board, Hospital Revenue, Wellmont Health Systems Project, Series C, 5.25%, 9/1/2036	2,050,000	2,141,163

T. 10.7%		15,787,903
Texas 12.7%		
Harris County, TX, Health Facilities Development Corp.,		
Hospital Revenue, Memorial Hermann Healthcare System,	1 000 000	1 251 100
Series B, 7.25%, 12/1/2035	1,000,000	1,251,190
Harris County, TX, Houston Port Authority, Series A,	2 000 000	2 722 000
AMT, 6.25%, 10/1/2029	3,000,000	3,723,900
Houston, TX, Airport Revenue, People Mover Project,	2 200 000	2 210 206
Series A, AMT, 5.5%, 7/15/2017, INS: AGMC	3,300,000	3,310,296
North Texas, Tollway Authority Revenue:	2.500.000	2.012.055
First Tier, Series A, 5.625%, 1/1/2033	3,500,000	3,912,055
Second Tier, Series F, 5.75%, 1/1/2038	6,500,000	7,134,270
First Tier, 6.0%, 1/1/2043	5,000,000	5,855,100
North Texas, Tollway Authority Revenue, Special Project	2 000 000	2 224 500
Systems, Series D, 5.0%, 9/1/2032	2,000,000	2,324,580
Texas, Dallas/Fort Worth International Airport Revenue:	4 000 000	4 500 100
Series A, 5.25%, 11/1/2038	4,000,000	4,522,120
Series A, AMT, 5.875%, 11/1/2016, INS:		
FGIC, NATL	1,955,000	1,962,820
Texas, Industrial Development Revenue, Waste Disposal		
Authority, Series A, AMT, 6.1%, 8/1/2024	2,000,000	2,006,960
Texas, Municipal Gas Acquisition & Supply Corp. I, Gas		
Supply Revenue:		
Series B, 0.863% **, 12/15/2017	7,970,000	7,465,021
Series B, 1.013% **, 12/15/2026	1,500,000	1,134,300
Series D, 6.25%, 12/15/2026	5,000,000	5,951,450
Texas, SA Energy Acquisition Public Facility Corp., Gas		
Supply Revenue:		
5.5%, 8/1/2021	1,155,000	1,310,902
5.5%, 8/1/2025	7,250,000	8,208,450
Texas, Southwest Higher Education Authority, Inc.,		
Southern Methodist University Project, 5.0%, 10/1/2035	1,600,000	1,831,232
West Harris County, TX, Regional Water Authority, Water		
Systems Revenue, 5.0%, 12/15/2035	6,500,000	7,415,980
		69,320,626
Virginia 0.3%		
Washington County, VA, Industrial Development		
Authority, Hospital Facility Revenue, Mountain States		
Health Alliance, Series C, 7.75%, 7/1/2038	1,370,000	1,704,691
Washington 2.8%		
Washington, State Health Care Facilities Authority		
Revenue, Virginia Mason Medical Center, Series A,		
6.125%, 8/15/2037	6,000,000	6,620,340
Washington, State Health Care Facilities Authority,		
Swedish Health Services, Series A, Prerefunded, 6.75%,		
11/15/2041	1,825,000	2,595,917
Washington, State Motor Vehicle Tax-Senior 520 Corridor		
Program, Series C, 5.0%, 6/1/2031	5,000,000	5,909,900
		15,126,157

Wisconsin 0.3% Wisconsin, State Health & Educational Facilities Authority Revenue, Prohealth Care, Inc. Obligation Group, 6.625%, 2/15/2039	1,555,000	1,817,437
Total Municipal Bonds and Notes (Cost \$547,538,524)		633,376,083
Municipal Inverse Floating Rate Notes (a) 41.8% California 2.1% California, San Francisco Bay Area Toll Authority, Toll Bridge Revenue, Series F, 5.0%, 4/1/2031 (b) Trust: California, San Francisco Bay Area Toll Authority, Toll Bridge Revenue, Series 1962-5, 144A, 13.574%, 4/1/2014, Leverage Factor at purchase date: 3 to 1 Florida 6.7%	10,000,000	11,388,894
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2023, INS: AGMC (b)	3,740,000	4,170,744
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2024, INS: AGMC (b)	3,915,000	4,365,900
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2025, INS: AGMC (b)	4,122,500	4,597,298
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2026, INS: AGMC (b)	4,317,500	4,814,756
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2032, INS: AGMC (b) Trust: Miami-Dade County, FL, Transit Improvements, Series 2008-1160, 144A, 9.241%, 7/1/2016, Leverage Factor at purchase date: 2 to 1	16,470,000	18,366,888
		36,315,586
Massachusetts 4.9% Massachusetts, State Water Pollution Abatement Trust, Series 13, 5.0%, 8/1/2032 (b) Massachusetts, State Water Pollution Abatement Trust,	18,250,000	20,874,278
Series 13, 5.0%, 8/1/2037 (b) Trust: Massachusetts, State Pollution Control, Water Utility Improvements, Series 3159, 144A, 13.512%, 8/1/2015, Leverage Factor at purchase date: 3 to 1	5,000,000	5,718,980
N. 1.609		26,593,258
Nevada 6.0% Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2028 (b)	9,447,355	10,716,415
Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2029 (b)	9,919,723	11,252,236
Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2030 (b)	9,627,878	10,921,188

Trust: Clark County, NV, General Obligation, Series 3158, 144A, 13.513%, 6/1/2016, Leverage Factor at purchase date: 3 to 1

		32,889,839
New York 12.0%		
New York, State Dormitory Authority, State Personal	10,000,000	11 501 001
Income Tax Revenue, Series A, 5.0%, 3/15/2026 (b)	10,000,000	11,581,891
Trust: New York, State Dormitory		
Authority Revenue, Series 3160, 144A,		
13.514%, 3/15/2015, Leverage Factor at purchase date: 3 to 1		
New York, State Dormitory Authority, State Personal		
Income Tax Revenue, Series A, 5.0%, 3/15/2024 (b)	10,000,000	11,641,000
Trust: New York, State Dormitory	10,000,000	11,041,000
Authority Revenue, Secondary Issues,		
Series 1955-3, 144A, 17.87%, 3/15/2015,		
Leverage Factor at purchase date: 4 to 1		
New York, State Dormitory Authority Revenues, State		
Supported Debt, University Dormitory Facilities, 5.0%,		
7/1/2025 (b)	5,425,000	6,184,375
New York, State Dormitory Authority Revenues, State	2,123,000	0,101,575
Supported Debt, University Dormitory Facilities, 5.0%,		
7/1/2027 (b)	8,080,000	9,211,013
Trust: New York, State Dormitory	-,,	- , ,
Authority Revenues, Series 3169, 144A,		
13.511%, 7/1/2025, Leverage Factor at		
purchase date: 3 to 1		
New York, Triborough Bridge & Tunnel Authority		
Revenues, Series C, 5.0%, 11/15/2033 (b)	6,000,000	6,851,520
Trust: New York, Triborough Bridge &		
Tunnel Authority Revenues, Series		
2008-1188, 144A, 9.2%, 11/15/2033,		
Leverage Factor at purchase date: 2 to 1		
New York City, NY, Transitional Finance Authority		
Revenue, Series C-1, 5.0%, 11/1/2027 (b)	17,560,000	20,567,852
Trust: New York City, NY, Series		
2008-1190, 144A, 9.2%, 11/1/2027,		
Leverage Factor at purchase date: 2 to 1		
		66,037,651
Tennessee 6.7%		
Nashville & Davidson County, TN, Metropolitan		
Government, 5.0%, 1/1/2027 (b)	10,756,695	12,604,510
Trust: Nashville & Davidson County, TN,		
Metropolitan Government, Series 2631-3,		
144A, 17.865%, 1/1/2016, Leverage Factor		
at purchase date: 4 to 1		
Nashville & Davidson County, TN, Metropolitan	10 200 000	11.051.646
Government, 5.0%, 1/1/2026 (b)	10,200,000	11,951,646

Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-2, 144A, 17.87%, 1/1/2016, Leverage Factor at purchase date: 4 to 1 Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2028 (b) 10,564,925 11,996,544 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-4, 144A, 17.878%, 1/1/2016, Leverage Factor at purchase date: 4 to 1 36,552,700 Virginia 3.4% Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 10/1/2027 (b) 8,190,000 9,646,053 Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 3/25/2028 (b) 7,630,000 8,986,493 Trust: Virginia, State Resource Authority, Clean Water Revenue, Series 2917, 144A, 11.162%, 10/1/2028, Leverage Factor at purchase date: 2.5 to 1 18,632,546 Total Municipal Inverse Floating Rate Notes (Cost \$200,822,875) 228,410,474 % of Net Assets Value (\$) Total Investment Portfolio (Cost \$748,361,399) † 157.7 861,786,557 Other Assets and Liabilities, Net (21.3)(116,569,688)Preferred Shares, at Redemption Value (198,750,000)(36.4)Net Assets Applicable to Common Shareholders 100.0 546,466,869

For information on the Fund's policies regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent semi-annual or annual financial statements.

- * Variable rate demand notes are securities whose interest rates are reset periodically at market levels. These securities are payable on demand and are shown at their current rates as of August 31, 2012.
- ** Floating rate securities' yields vary with a designated market index or market rate, such as the coupon-equivalent of the U.S. Treasury Bill rate. These securities are shown at their current rate as of August 31, 2012.
- † The cost for federal income tax purposes was \$748,361,399. At August 31, 2012, net unrealized appreciation for all securities based on tax cost was \$113,425,158. This consisted of aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost of \$113,425,158 and aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value of \$0.
- (a) Securities represent the underlying municipal obligations of inverse floating rate obligations held by the Fund.

(b)

Security forms part of the below tender option bond trust. Principal Amount and Value shown take into account the leverage factor.

144A: Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers.

AGC: Assured Guaranty Corp.

AGMC: Assured Guaranty Municipal Corp. AMBAC: Ambac Financial Group, Inc. AMT: Subject to alternative minimum tax.

ETM: Bonds bearing the description ETM (escrow to maturity) are collateralized usually by U.S. Treasury securities

which are held in escrow and used to pay principal and interest on bonds so designated.

FGIC: Financial Guaranty Insurance Co.

GTY: Guaranty Agreement

INS: Insured

LOC: Letter of Credit

NATL: National Public Finance Guarantee Corp.

Prerefunded: Bonds which are prerefunded are collateralized usually by U.S. Treasury securities which are held in escrow and used to pay principal and interest on tax-exempt issues and to retire the bonds in full at the earliest refunding date.

SPA: Standby Bond Purchase Agreement

Fair Value Measurements

Various inputs are used in determining the value of the Fund's investments. These inputs are summarized in three broad levels. Level 1 includes quoted prices in active markets for identical securities. Level 2 includes other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, and credit risk). Level 3 includes significant unobservable inputs (including the Fund'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.

The following is a summary of the inputs used as of August 31, 2012 in valuing the Fund's investments.

	Level 1	Level 2	Level 3	Total
Assets				
Municipal Investments(c)	\$	\$861,786,557	\$ —	\$861,786,557
Total	\$	\$861,786,557	\$—	\$861,786,557

There have been no transfers between Level 1 and Level 2 fair value measurements during the year ended August 31, 2012.

(c) See Investment Portfolio for additional detailed categorizations.

ITEM 2. CONTROLS AND PROCEDURES

(a) The Chief Executive and Financial Officers concluded that the Registrant's Disclosure Controls and Procedures are effective based on the evaluation of the Disclosure Controls and Procedures as of a date within 90 days of the filing date of this report.

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

ITEM 3. EXHIBITS

Certification pursuant to Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)) is filed and attached hereto as Exhibit 99.CERT.

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: DWS Municipal Income Trust

By: /s/W. Douglas Beck

W. Douglas Beck

President

Date: October 24, 2012

Pursuant to the requirements of the Securities 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/W. Douglas Beck

W. Douglas Beck

President

Date: October 24, 2012

By: /s/Paul Schubert

Paul Schubert

Chief Financial Officer and Treasurer

Date: October 24, 2012