DWS MUNICIPAL INCOME TRUST Form N-Q October 26, 2010

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 100 Plaza One Jersey City, NJ 07311 (Name and address of agent for service)

Registrant's telephone number, including area code: (201) 593-6408

Date of fiscal year end: 11/30

Date of reporting period: 8/31/10

ITEM 1. SCHEDULE OF INVESTMENTS

Investment Portfolio as of August 31, 2010 (Unaudited)

DWS Municipal Income Trust

	Principal	
	Amount (\$)	Value (\$)
Municipal Bonds and Notes 113.8%		
Alabama 2.0%		
Camden, AL, Industrial Development Board Revenue, Series B,		
AMT, Prerefunded, 6.375%, 12/1/2024	1,000,000	1,182,420
Huntsville, AL, Water & Sewer Revenue, AMT, 5.75%, 10/1/2011		
(a)	8,560,000	8,592,271

		9,774,691
Arizona 0.5%		, ,
Arizona, Salt Verde Financial Corp., Gas Revenue:		
5.0%, 12/1/2037	1,050,000	1,001,857
5.5%, 12/1/2029	1,400,000	1,448,846
		2,450,703
California 23.4%		
California, Bay Area Toll Authority, Toll Bridge Revenue, San		
Francisco Bay Area, Series F-1, 5.125%, 4/1/2039	5,000,000	5,434,250
California, Health Facilities Financing Authority Revenue, Catholic		
Healthcare West, Series A, 6.0%, 7/1/2039	3,500,000	3,865,505
California, M-S-R Energy Authority, Series A, 7.0%, 11/1/2034	3,180,000	3,921,576
California, San Gorgonio Memorial Health Care, Election of 2006,		
Series C, 7.2%, 8/1/2039	5,000,000	5,620,750
California, South Bayside Waste Management Authority, Solid		
Waste Enterprise Revenue, Shoreway Environmental Center, Series		
A, 6.25%, 9/1/2029	5,345,000	5,961,866
California, Special Assessment Revenue, Golden State Tobacco		
Securitization Corp., Series 2003-A-1, Prerefunded, 6.75%, 6/1/2039	11,730,000	13,697,356
California, State General Obligation:	, ,	
5.125%, 4/1/2024	4,400,000	4,789,356
5.5%, 3/1/2040	1,370,000	1,473,312
6.0%, 4/1/2038	10,000,000	11,167,200
California, State Public Works Board, Lease Revenue, Capital	-,,	,,
Projects, Series I-1, 6.375%, 11/1/2034	2,000,000	2,217,140
California, State Public Works Board, Lease Revenue, Department of	, ,	, ,
Corrections, Series C, 5.5%, 6/1/2021	2,500,000	2,612,600
California, State Public Works Board, Lease Revenue, Department of	,,	,- ,
General Services, Buildings 8 & 9, Series A, 6.25%, 4/1/2034	6,640,000	7,244,638
California, State Public Works Board, Lease Revenue, Department of	-,,	, , , ,
General Services, Capital East End, Series A, 5.25%, 12/1/2020 (a)	10,500,000	10,793,475
California, Statewide Communities Development Authority Revenue,	- , ,	-,,
American Baptist Homes of the West, 6.25%, 10/1/2039	1,250,000	1,285,650
Corona-Norco, CA, Unified School District, Election of 2006, Series	1,200,000	1,200,000
A, 5.0%, 8/1/2031 (a)	5,130,000	5,403,839
Kern, CA, High School District, Election of 2004, Series B, 5.0%,	2,120,000	2,.02,029
8/1/2030 (a)	13,270,000	13,951,813
Los Angeles, CA, Community College District, Election of 2008,	13,270,000	13,751,013
Series C, 5.25%, 8/1/2039	3,000,000	3,267,210
Port Oakland, CA, Series A, AMT, 5.0%, 11/1/2027 (a)	5,850,000	5,879,367
San Francisco, CA, City & County Airports Commission,	3,030,000	3,077,307
International Airport Revenue, Series F, 5.0%, 5/1/2035	7,105,000	7,386,216
Southern California, Metropolitan Water District, Waterworks	7,103,000	7,300,210
Revenue, Series B, 0.27% *, 7/1/2028	900,000	900,000
Revenue, 56165 B, 0.27 % , 7/1/2020	700,000	700,000
		116,873,119
Colorado 2.2%		110,073,117
Colorado, E-470 Public Highway Authority Revenue, Series A-1,		
5.5%, 9/1/2024 (a)	2,500,000	2,581,450
0.0 /0, 7/11 2 02 1 (u)	2,500,000	2,501,750

Colorado, Health Facilities Authority Revenue, Covenant Retirement		
Colorado, Haylth Facilities Authority Payanus, Portagora Advantiat	2,500,000	2,233,325
Colorado, Health Facilities Authority Revenue, Portercare Adventist Health System, Prerefunded, 6.5%, 11/15/2031	1,000,000	1,083,040
Colorado, Single Family Housing Revenue, Series B2, AMT, 7.25%,		
10/1/2031 Denver, CO, Airport Revenue, Series A, AMT, 6.0%, 11/15/2014 (a)	115,000 5,000,000	118,227 5,046,350
Denver, Co, Import Revenue, Series II, IIIVII, 0.076, II/13/2011 (a)	2,000,000	3,010,330
El. :: 1. 0.50		11,062,392
Florida 9.5% Broward County, FL, Educational Facilities Authority Revenue,		
Nova Southeastern University, Inc., Series C, 0.25% *, 4/1/2024,		
Bank of America NA (b) Miami-Dade County, FL, Aviation Revenue, Series A, 5.5%,	3,000,000	3,000,000
10/1/2041	10,000,000	10,536,400
Miami-Dade County, FL, Aviation Revenue, Miami International		
Airport: Series A, AMT, 5.25%, 10/1/2033		
(a)	8,500,000	8,750,580
Series A-1, 5.375%, 10/1/2035 Miami-Dade County, FL, Educational Facilities Authority Revenue,	2,000,000	2,108,160
University of Miami, Series A, 5.75%, 4/1/2028	3,000,000	3,236,130
Miami-Dade County, FL, Expressway Authority, Toll Systems		
Revenue, Series A, 5.0%, 7/1/2035 (a) Miami-Dade County, FL, Transportation/Tolls Revenue, Expressway	3,000,000	3,120,360
Authority:		
6.0%, 7/1/2013 (a)	1,665,000	1,681,916
6.0%, 7/1/2014 (a) North Brevard County, FL, Hospital District Revenue, Parrish	1,000,000	1,010,160
Medical Center Project:		
5.5%, 10/1/2028	5,290,000	5,633,850
5.75%, 10/1/2038 Orlando & Orange County, FL, Expressway Authority Revenue,	5,000,000	5,267,000
Series A, 5.0%, 7/1/2040	2,975,000	3,106,406
		47 450 062
Georgia 7.3%		47,450,962
Atlanta, GA, Water & Wastewater Revenue, Series A, 6.25%,		
11/1/2039 Gainesville & Hall County, GA, Hospital Authority Revenue,	5,815,000	6,644,859
Anticipation Certificates, Northeast Georgia Healthcare, Series A,		
5.5%, 2/15/2045	2,135,000	2,175,906
Georgia, Main Street Natural Gas, Inc., Gas Project Revenue:	7.250.000	7 077 755
Series A, 5.0%, 3/15/2020 Series A, 5.5%, 9/15/2024	7,250,000 5,000,000	7,977,755 5,328,050
Series A, 5.5%, 9/15/2024 Series A, 5.5%, 9/15/2028	10,000,000	10,577,200
Georgia, Medical Center Hospital Authority Revenue, Anticipation	10,000,000	10,577,200
Certificates, Columbus Regional Healthcare Systems, 6.5%, 8/1/2038		
(a)	3,300,000	3,752,991
		36,456,761

TT '. 1.50		
Hawaii 1.5% Hawaii, State Airports Systems Revenue, Series A, 5.0%, 7/1/2039 Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., Inc.:	4,200,000	4,354,980
Series D, AMT, 6.15%, 1/1/2020 (a)	2,195,000	2,199,917
6.5%, 7/1/2039	1,000,000	1,114,280
0.0 %, 11 11 200 5	1,000,000	1,111,200
		7,669,177
Idaho 1.0%		
Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center:		
5.0%, 7/1/2035 (a) (c)	2,500,000	2,581,225
6.75%, 11/1/2037	2,135,000	2,428,819
TIL		5,010,044
Illinois 7.1% Chicago, H., Airmont Payanus, O'Hong Intermetional Airmont, AMT		
Chicago, IL, Airport Revenue, O'Hare International Airport, AMT, 5.5%, 1/1/2014 (a)	10,000,000	10,129,400
Chicago, IL, Midway Airport Revenue, Series B, AMT, 0.31% *,	10,000,000	10,127,400
1/1/2029, JPMorgan Chase Bank (b)	5,000,000	5,000,000
Illinois, Finance Authority Revenue, Advocate Health Care Network:	2,000,000	2,000,000
Series B, 5.375%, 4/1/2044	2,500,000	2,632,400
Series D, 6.5%, 11/1/2038	1,000,000	1,144,170
Illinois, Finance Authority Revenue, Elmhurst Memorial Healthcare,		
Series A, 5.625%, 1/1/2037	3,000,000	2,961,180
Illinois, Finance Authority Revenue, Memorial Health Systems,		
5.5%, 4/1/2039	4,200,000	4,321,296
Illinois, Finance Authority Revenue, Northwest Community Hospital,	5.750.000	6 112 075
Series A, 5.5%, 7/1/2038	5,750,000	6,113,975
Illinois, Finance Authority Revenue, Roosevelt University Project, 6.5%, 4/1/2044	3,000,000	3,214,260
0.5 /0, 4/1/2044	3,000,000	3,214,200
		35,516,681
Indiana 1.5%		, ,
Indiana, Finance Authority Hospital Revenue, Deaconess Hospital		
Obligation, Series A, 6.75%, 3/1/2039	1,745,000	1,945,413
Indiana, Hospital & Healthcare Revenue, Health Facilities Authority,		
Prerefunded, 5.5%, 11/1/2031	5,000,000	5,345,950
		7.201.262
Ventualar 2 10/		7,291,363
Kentucky 3.1% Kentucky, Economic Development Finance Authority, Health System		
Revenue, Norton Healthcare:		
Series A, 6.5%, 10/1/2020	1,210,000	1,224,520
Series A, Prerefunded, 6.5%,	1,210,000	1,22 1,6 20
10/1/2020	790,000	802,008
Series A, 6.625%, 10/1/2028	865,000	874,887
Series A, Prerefunded, 6.625%,		
10/1/2028	3,135,000	3,182,997
Kentucky, Economic Development Finance Authority, Louisville	4.000.000	4 2 4 2 2 2 2 2
Arena Project Revenue, Series A-1, 6.0%, 12/1/2042 (a)	4,000,000	4,362,920

Louisville & Jefferson County, KY, Metropolitan Government Health System Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	5,000,000	5,083,650
Health System Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	3,000,000	3,063,030
Louisiana 1.1%		15,530,982
Louisiana, Public Facilities Authority, Hospital Revenue, Lafayette		
General Medical Center, 5.5%, 11/1/2040 Louisiana, St. John Baptist Parish Revenue, Marathon Oil Corp.,	3,000,000	3,074,340
Series A, 5.125%, 6/1/2037	2,315,000	2,319,514
		5,393,854
Maryland 0.6%		
Revenue, Anne Arundel Health Systems, Series A, 6.75%, 7/1/2039	1,100,000	1,279,553
Revenue, Washington County Hospital, 5.75%, 1/1/2033	1,500,000	1,544,130
		2,823,683
Massachusetts 2.6%		
Massachusetts, Airport Revenue, U.S. Airways, Inc. Project, Series A, AMT, 5.875%, 9/1/2023 (a)	5,000,000	4,618,000
Massachusetts, Port Authority Revenue, Series B, AMT, 5.5%,		
	3,000,000	3,005,880
Revenue, Boston Medical Center Project, 5.25%, 7/1/2038	1,885,000	1,820,702
Massachusetts, State Health & Educational Facilities Authority Revenue, Suffolk University, Series A, 5.75%, 7/1/2039	3,570,000	3,776,025
		13 220 607
Michigan 2.4%		13,220,007
Chippewa County, MI, Hospital & Healthcare Revenue, Chippewa	1 005 000	1 005 250
· · · · · · · · · · · · · · · · · · ·	1,085,000	1,085,558
Series H, 5.125%, 10/15/2033	2,495,000	2,610,494
	1,000,000	1,114,000
Health Hospital, 5.75%, 11/15/2039	5,000,000	5,198,700
	1.800.000	2.191.140
	,,	
Minnesota 0.3%		12,199,692
Minneapolis, MN, Health Care Systems Revenue, Fairview Health		
	1,140,000	1,316,803
Warren County, MS, Gulf Opportunity Zone, International Paper Co.,		
Series A, 6.5%, 9/1/2032 Missouri 0.1%	1,525,000	1,700,268
Missouri, Hospital & Healthcare Revenue, Lake of the Ozarks		
General Hospital, 6.5%, 2/15/2021 Nevada 2.1%	365,000	365,445
Maryland 0.6% 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 Authority Revenue, Washington County Hospital, 5.75%, 1/1/2033 Massachusetts 2.6% Massachusetts, Airport Revenue, U.S. Airways, Inc. Project, Series A, AMT, 5.875%, 9/1/2023 (a) Massachusetts, Port Authority Revenue, Series B, AMT, 5.5%, 7/1/2015 (a) Massachusetts, State Health & Educational Facilities Authority Revenue, Boston Medical Center Project, 5.25%, 7/1/2038 Massachusetts, State Health & Educational Facilities Authority Revenue, Suffolk University, Series A, 5.75%, 7/1/2039 Michigan 2.4% Chippewa County, MI, Hospital & Healthcare Revenue, Chippewa County War Memorial, Series B, 5.625%, 11/1/2014 Michigan, State Building Authority Revenue, Facilities Program: Series I, 5.125%, 10/15/2033 Series I, 6.0%, 10/15/2033 Michigan, State Hospital Finance Authority Revenue, Henry Ford Health Hospital, 5.75%, 11/15/2039 Royal Oak, MI, Hospital Finance Authority Revenue, William Beaumont Hospital, 8.25%, 9/1/2039 Minnesota 0.3% Minneapolis, MN, Health Care Systems Revenue, Fairview Health Services, Series A, 6.75%, 11/15/2032 Mississippi 0.3% Warren County, MS, Gulf Opportunity Zone, International Paper Co., Series A, 6.5%, 9/1/2032 Missouri, Hospital & Healthcare Revenue, Lake of the Ozarks	1,100,000 1,500,000 5,000,000 1,885,000 1,085,000 1,000,000 5,000,000 1,800,000 1,140,000 1,525,000	5,393,85 1,279,55 1,544,13 2,823,68 4,618,00 3,005,88 1,820,70 3,776,02 13,220,60 1,085,35 2,610,49 1,114,00 5,198,70 2,191,14 12,199,69 1,316,80 1,700,26

Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031 New Jersey 3.4%	10,000,000	10,282,300
New Jersey, Economic Development Authority Revenue, Cigarette Tax, 5.75%, 6/15/2034 New Jersey, Hospital & Healthcare Revenue, General Hospital	1,090,000	1,078,740
Center at Passaic, ETM, 6.75%, 7/1/2019 (a) New Jersey, Industrial Development Revenue, Economic	5,000,000	6,345,100
Development Authority, Harrogate, Inc., Series A, 5.875%, 12/1/2026 New Jersey, Resource Recovery Revenue, Tobacco Settlement	1,400,000	1,353,254
Financing Corp., 5.75%, 6/1/2032	1,515,000	1,620,035
New Jersey, State Transportation Trust Fund Authority, Transportation Systems, Series A, 6.0%, 12/15/2038 New Jersey, State Turnpike Authority Revenue, Series E, 5.25%,	3,000,000	3,426,360
1/1/2040 New Jersey, Tobacco Settlement Financing Corp., Series 1-A, 5.0%,	1,750,000	1,892,030
6/1/2041	1,700,000	1,169,447
N. N. 1 4 16		16,884,966
New York 4.1% New York, State Agency General Obligation Lease, Higher		
Education Revenue, Dormitory Authority, City University, Series A, 5.625%, 7/1/2016 New York, Tobacco Settlement Financing Corp., Series B-1C, 5.5%,	1,500,000	1,719,585
6/1/2019 New York City, NY, Transitional Finance Authority Revenue, NYC Recovery, Series 1B, 0.26% *, 11/1/2022 Niagara Falls, NY, School District General Obligation, 5.6%,	15,500,000	17,091,850
	280,000	280,000
6/15/2014 (a)	1,180,000	1,402,100
		20,493,535
North Carolina 0.9% North Carolina, Electric Revenue, Municipal Power Agency, Series		
C, 5.375%, 1/1/2017	1,000,000	1,088,750
North Carolina, Medical Care Commission, Health Care Facilities Revenue, University Health Systems, Series D, 6.25%, 12/1/2033	3,000,000	3,338,790
		4,427,540
Ohio 5.1% Buckeye, OH, Tobacco Settlement Financing Authority, Series A-2,		
5.875%, 6/1/2030	19,820,000	16,158,850
Ohio, State Hospital Facility Revenue, Cleveland Clinic Health: Series A, 5.5%, 1/1/2039 Series B, 5.5%, 1/1/2039	5,000,000 3,500,000	5,423,500 3,796,450
		25,378,800
Oklahoma 1.0% Oklahoma, State Turnpike Authority Revenue, Series C, 0.27% *,		
1/1/2028 Pennsylvania 2.3%	5,000,000	5,000,000

Allegheny County, PA, Hospital Development Authority Revenue,		
University of Pittsburgh Medical, 5.625%, 8/15/2039 Franklin County, PA, Industrial Development Authority Revenue,	1,700,000	1,789,692
Chambersburg Hospital Project, 5.375%, 7/1/2042 Pennsylvania, Hospital & Healthcare Revenue, Economic	7,000,000	7,223,440
Development Financing Authority, UPMC Health System, Series A, Prerefunded, 6.0%, 1/15/2031	2,570,000	2,650,801
D D		11,663,933
Puerto Rico 4.1% Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue:		
Series A, 5.375%, 8/1/2039	3,200,000	3,380,160
Series A, 6.5%, 8/1/2044	15,000,000	17,064,750
		20,444,910
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	2,000,000	2,233,860
South Carolina 2.2%		
Greenwood County, SC, Hospital & Healthcare Revenue, South Carolina Memorial Hospital, 5.5%, 10/1/2031	1,500,000	1,511,520
South Carolina, Jobs Economic Development Authority, Hospital	1,200,000	1,511,520
Facilities Revenue, Palmetto Health Alliance:		
Series C, Prerefunded, 7.0%,	7 400 000	
8/1/2030 Series A, Prerefunded, 7.375%,	5,420,000	6,377,000
12/15/2021	2,000,000	2,080,560
South Carolina, Tobacco Settlement Revenue Management		
Authority, Series B, 6.0%, 5/15/2022	790,000	818,226
		10,787,306
Tennessee 3.3%		
Clarksville, TN, Natural Gas Acquisition Corp., Gas Revenue, 5.0%, 12/15/2021	2,000,000	2,048,960
Jackson, TN, Hospital Revenue, Jackson-Madison Project, 5.625%,	2,000,000	2,040,900
4/1/2038	4,000,000	4,138,120
Memphis-Shelby County, TN, Airport Revenue, Series D, AMT,	565,000	570 222
6.25%, 3/1/2017 (a) Shelby County, TN, Health, Educational & Housing	565,000	572,322
Facility Board, Hospital Revenue, Methodist Health		
Care, Prerefunded, 6.5%, 9/1/2026	7,000,000	7,846,440
Sullivan County, TN, Health, Educational & Housing Facilities		
Board, Hospital Revenue, Wellmont Health Systems Project, Series C, 5.25%, 9/1/2036	2,050,000	2,004,511
C, 5.25 %, 91112030	2,030,000	2,004,311
T 10.00		16,610,353
Texas 10.8% Harris County, TV, Health Facilities Development Corp., Hespital		
Harris County, TX, Health Facilities Development Corp., Hospital Revenue, Memorial Hermann Healthcare System, Series B, 7.25%,		
12/1/2035	1,000,000	1,162,220

10/1/2029 Houston, TX, Airport Revenue, People Mover Project, Series A, AMT, 5.5%, 7/15/2017 (a) North Texas, Tollway Authority Revenue: First Tier, Series A, 5.625%, 1/1/2033 Second Tier, Series F, 5.75%, 1/1/2038 Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue: Series B, 0.91% **, 12/15/2017 10,000,000 8,812,1	905 970 940
AMT, 5.5%, 7/15/2017 (a) North Texas, Tollway Authority Revenue: First Tier, Series A, 5.625%, 1/1/2033 Second Tier, Series F, 5.75%, 1/1/2038 Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	905 370 340
North Texas, Tollway Authority Revenue: First Tier, Series A, 5.625%, 1/1/2033 3,500,000 3,747,9 Second Tier, Series F, 5.75%, 1/1/2038 6,500,000 6,935,3 Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	905 370 340
1/1/2033 3,500,000 3,747,9 Second Tier, Series F, 5.75%, 6,500,000 6,935,3 Texas, Dallas/Fort Worth International Airport Revenue, Series A, 6,500,000 6,814,3 AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, 2,000,000 2,033,0 Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	370 340
Second Tier, Series F, 5.75%, 1/1/2038 6,500,000 6,935,3 Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	370 340
1/1/2038 6,500,000 6,935,3 Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	340
Texas, Dallas/Fort Worth International Airport Revenue, Series A, AMT, 5.875%, 11/1/2016 (a) Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	340
AMT, 5.875%, 11/1/2016 (a) 6,500,000 6,814,3 Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	
Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	
Series A, AMT, 6.1%, 8/1/2024 2,000,000 2,033,0 Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	060
Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue:	
Revenue:	
Series B, 0.91% **, 12/15/2017 10,000,000 8,812,1	
	00
Series B, 1.06% **, 12/15/2026 1,500,000 1,024,2	230
Series D, 6.25%, 12/15/2026 5,000,000 5,601,0	000
Texas, SA Energy Acquisition Public Facility Corp., Gas Supply	
Revenue:	12 0
5.5%, 8/1/2021 1,155,000 1,244,7	
5.5%, 8/1/2025 7,250,000 7,826,0 West Harris County, TX, Regional Water Authority, Water Systems	103
Revenue, 5.0%, 12/15/2035 1,995,000 2,071,4	49
1,775,000 2,071,7	7)
54,126,3	84
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 1,598,6	39
Washington 2.1%	
Seattle, WA, Special Assessment Revenue:	71 /
Series B, AMT, 5.5%, 9/1/2011 (a) 1,085,000 1,098,7	
Series B, AMT, 5.75%, 9/1/2013 (a) 1,045,000 1,058,0 Washington, State Health Care Facilities Authority Revenue,	142
Virginia Mason Medical Center, Series A, 6.125%, 8/15/2037 6,000,000 6,281,1	00
Washington, State Housing Finance Commission, Multi-Family	00
Housing Revenue, Vintage at Silverdale LLC, Series A, AMT, 0.32%	
*, 9/15/2039 2,000,000 2,000,0	000
_,	
10,437,8	56
10,437,8 West Virginia 3.2%	356
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston	356
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center:	
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center: Prerefunded, 6.75%, 9/1/2022 12,000,000 12,120,0	000
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center:	000
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center: Prerefunded, 6.75%, 9/1/2022 Prerefunded, 6.75%, 9/1/2030 12,120,00 4,000,000 12,120,00 4,040,000	000
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center: Prerefunded, 6.75%, 9/1/2022 12,000,000 12,120,0	000
West Virginia 3.2% West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center: Prerefunded, 6.75%, 9/1/2022 Prerefunded, 6.75%, 9/1/2030 12,120,00 4,000,000 16,160,000 16,160,000	000

Wisconsin, State Health & Educational Facilities Authority Revenue, Aurora Health Care, Inc., Series A, 5.6%, 2/15/2029 Wisconsin, State Health & Educational Facilities Authority Revenue,		
Prohealth Care, Inc. Obligation Group, 6.625%, 2/15/2039	1,555,000	1,728,600
		10,208,356
Total Municipal Bonds and Notes (Cost \$513,703,018)		568,845,965
Municipal Inverse Floating Rate Notes (d) 54.7% California 4.3% California, San Francisco Bay Area Toll Authority, Toll Bridge Revenue, Series F, 5.0%, 4/1/2031 (e) Trust: California, San Francisco Bay Area Toll Authority, Toll Bridge Revenue, Series 1962-5, 144A, 13.334%, 4/1/2031, Leverage Factor at	10,000,000	10,649,358
purchase date: 3 to 1 California, State General Obligation, 5.0%, 6/1/2023 (a) (e) Trust: California, State General Obligation, Series 1932, 144A, 9.07%, 6/1/2023, Leverage Factor at purchase date: 2 to 1	10,000,000	10,844,900
		21,494,258
Florida 6.9% Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2023 (a) (e) Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%,	3,740,000	3,974,013
7/1/2024 (a) (e)	3,915,000	4,159,963
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2025 (a) (e)	4,122,500	4,380,447
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2026 (a) (e)	4,317,500	4,587,648
Miami-Dade County, FL, Transit Sales Surtax Revenue, 5.0%, 7/1/2032 (a) (e) Trust: Miami-Dade County, FL, Transit Improvements, Series 2008-1160, 144A, 9.311%, 7/1/2023, Leverage Factor at purchase date: 2 to 1	16,470,000	17,500,534
		34,602,605
Massachusetts 5.0% Massachusetts, State Water Pollution Abatement Trust, Series 13, 5.0%, 8/1/2032 (e) Massachusetts, State Water Pollution Abatement Trust, Series 13	18,250,000	19,821,730
Massachusetts, State Water Pollution Abatement Trust, Series 13, 5.0%, 8/1/2037 (e) Trust: Massachusetts, State Pollution Control, Water Utility Improvements, Series 3159, 144A, 13.472%, 8/1/2032, Leverage Factor at purchase date: 3 to 1	5,000,000	5,430,611
		25,252,341
Nevada 6.2%	9,447,355	10,177,668

Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2028 (e)		
Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2029 (e)	9,919,723	10,686,551
Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2030 (e)	9,627,878	10,372,146
Trust: Clark County, NV, General Obligation, Series 3158, 144A, 13.473%, 6/1/2028, Leverage Factor at purchase date: 3 to 1		
		31,236,365
New York 17.0%		
New York, State Dormitory Authority, State Personal Income Tax Revenue, Series A, 5.0%, 3/15/2026 (e) Trust: New York, State Dormitory Authority	13,500,000	15,197,895
Revenue, Series 2008-1189, 144A, 9.15%, 3/15/2026, Leverage Factor at purchase date: 2 to 1		
New York, State Dormitory Authority, State Personal Income Tax	10,000,000	11 107 054
Revenue, Series A, 5.0%, 3/15/2026 (e) Trust: New York, State Dormitory Authority	10,000,000	11,107,854
Revenue, Series 3160, 144A, 13.474%, 3/15/2026, 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 (e) Trust: New York, State Dormitory Authority	10,000,000	11,244,400
Revenue, Secondary Issues, Series 1955-3, 144A,		
17.51%, 3/15/2024, 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 (e)	5,425,000	5,903,079
New York, State Dormitory Authority Revenues, State Supported Debt, University Dormitory Facilities, 5.0%, 7/1/2027 (e)	8,080,000	8,792,052
Trust: New York, State Dormitory Authority		
Revenues, Series 3169, 144A, 13.271%, 7/1/2025, Leverage Factor at purchase date: 3 to 1		
New York, Triborough Bridge & Tunnel Authority Revenues, Series	4	
C, 5.0%, 11/15/2033 (e) Trust: New York, Triborough Bridge & Tunnel	12,000,000	12,966,720
Authority Revenues, Series 2008-1188, 144A,		
9.15%, 11/15/2033, Leverage Factor at purchase date: 2 to 1		
New York City, NY, Transitional Finance Authority Revenue, Series	4= = 60 000	
C-1, 5.0%, 11/1/2027 (e) Trust: New York City, NY, Series 2008-1190, 144A,	17,560,000	19,563,245
9.15%, 11/1/2027, Leverage Factor at purchase date: 2 to 1		
		84,775,245
Pennsylvania 2.3% Pennsylvania, State General Obligation, Second Series, 5.0%,		
1/1/2025 (e)	10,000,000	11,475,800

Trust: Pennsylvania, State General Obligation, Public Transit Improvements, Series 2008-1146, 144A, 9.14%, 1/1/2025, Leverage Factor at purchase date: 2 to 1 Tennessee 7.1% Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2027 (e) 10,756,695 12,099,328 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-3, 144A, 17.505%, 1/1/2027, Leverage Factor at purchase date: 4 to 1 Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2026 (e) 10,200,000 11,544,258 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-2, 144A, 17.51%, 1/1/2026, Leverage Factor at purchase date: 4 to 1 Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2028 (e) 10,564,925 11,809,104 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-4, 144A, 17.518%, 1/1/2028, Leverage Factor at purchase date: 4 to 1 35,452,690 Texas 2.3% Texas, State General Obligation, Transportation Commission Mobility Fund, 5.0%, 4/1/2025 (e) 10,000,000 11,453,100 Trust: Texas, State General Obligation, Series 2008-1147, 144A, 9.14%, 4/1/2025, Leverage Factor at purchase date: 2 to 1 Virginia 3.6% Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 10/1/2027 (e) 8,190,000 9,337,290 Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 10/1/2028 (e) 7,630,000 8,698,843 Trust: Virginia, State Resource Authority, Clean Water Revenue, Series 2917, 144A, 11.057%, 10/1/2027, Leverage Factor at purchase date: 2.5 to 1 18,036,133 Total Municipal Inverse Floating Rate Notes (Cost \$253,811,312) 273,778,537 % of Net Assets Value (\$) Total Investment Portfolio (Cost 168.5 \$767,514,330) † 842,624,502 Other Assets and Liabilities, Net (28.8)(143,920,382)Preferred Shares, at Redemption Value (39.7)(198,750,000)

Net Assets Applicable to Common Shareholders

†

100.0 499,954,120

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 often payable on demand and are shown at their current rates as of August 31, 2010.

** These securities are shown at their current rate as of August 31,

2010. Floating rate securities' yields vary with a designated market index or market rate, such as the coupon-equivalent of the US Treasury bill rate. The cost for federal income tax purposes was \$766,260,185. At August 31, 2010, net unrealized appreciation for all securities based on tax cost was \$76,364,317. This consisted of aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost of

\$78,303,722 and aggregate gross unrealized depreciation for all securities in

which there was an excess of tax cost over value of \$1,939,405.

(a) Bond is insured by one of these companies:

	As a % of Total
	Investment
Insurance Coverage	Portfolio
Ambac Financial Group, Inc.	3.4
Assured Guaranty Corp.	2.4
Assured Guaranty Municipal Corp.	9.7
Financial Guaranty Insurance Co.	1.1
National Public Finance Guarantee Corp.	2.8

Many insurers who have traditionally guaranteed payment of municipal issues have been downgraded by the major rating agencies.

(b) Security incorporates a letter of credit from the bank listed.

(c) When-issued security.

(d) Securities represent the underlying municipal obligations of inverse floating

rate obligations held by the Fund.

(e) 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.

AMT: Subject to alternative minimum tax.

ETM: Bonds bearing the description ETM (escrow to maturity) are collateralized usually by US Treasury securities which are held in escrow and used to pay principal and interest on bonds so designated.

Prerefunded: Bonds which are prerefunded are collateralized usually by US 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.

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, 2010 in valuing the Fund's investments.

	Level 1	Level 2	Level 3	Total
Assets				
Municipal Bonds and Notes(f)	\$—	\$842,624,502	\$ —	\$842,624,502
Total	\$ —	\$842,624,502	\$ —	\$842,624,502

There have been no transfers in and out of Level 1 and Level 2 fair value measurements during the period ended August 31, 2010.

(f) 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

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By:	/s/Michael G. Clark
	Michael G. Clark
	President

Date: October 21, 2010

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/Michael G. Clark

Michael G. Clark

President

Date: October 21, 2010

/s/Paul Schubert By:

Paul Schubert

Chief Financial Officer and Treasurer

Date: October 21, 2010