

DWS STRATEGIC 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

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Investment Company Act file number 811-05767

DWS Strategic 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 Strategic Municipal Income Trust

	Principal Amount (\$)	Value (\$)
Municipal Bonds and Notes 142.1%		
Alabama 0.6%		
Sylacauga, AL, Health Care Authority Revenue, Coosa Valley Medical Center, Series A, 6.0%, 8/1/2035	1,000,000	881,730
Arizona 2.3%	1,525,000	1,533,250

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Arizona, Project Revenue, Health Facilities Authority, The New Foundation Project, 8.25%, 3/1/2019		
Maricopa County, AZ, Pollution Control Corp. Revenue, El Paso Electric Co. Project, Series B, 7.25%, 4/1/2040	1,570,000	1,817,558
		3,350,808
California 13.5%		
California, Health Facilities Financing Authority Revenue, Catholic Healthcare West, Series A, 6.0%, 7/1/2034	1,000,000	1,111,350
California, M-S-R Energy Authority, Series B, 7.0%, 11/1/2034	1,310,000	1,615,492
California, Morongo Band of Mission Indians, Enterprise Casino Revenue, Series B, 144A, 6.5%, 3/1/2028	1,000,000	964,130
California, South Bayside Waste Management Authority, Solid Waste Enterprise, Shoreway Environmental, Series A, 6.25%, 9/1/2029	1,425,000	1,589,459
California, Special Assessment Revenue, Golden State Tobacco Securitization Corp., Series 2003-A-1, Prerefunded, 6.75%, 6/1/2039	4,000,000	4,670,880
California, State General Obligation:		
5.5%, 3/1/2040	1,000,000	1,075,410
5.75%, 4/1/2031	1,000,000	1,107,280
6.0%, 4/1/2038	1,000,000	1,116,720
6.5%, 4/1/2033	1,950,000	2,289,534
California, State Public Works Board Lease Revenue, Capital Projects, Series I-1, 6.375%, 11/1/2034	1,000,000	1,108,570
California, State Public Works Board Lease Revenue, Riverside Campus Project, Series B, 6.125%, 4/1/2028	2,000,000	2,201,520
Sacramento County, CA, Sales & Special Tax Revenue, Bradshaw Road Project, 7.2%, 9/2/2015	655,000	664,341
		19,514,686
Colorado 0.5%		
Colorado, Public Energy Authority, Natural Gas Purchased Revenue, 6.25%, 11/15/2028	635,000	718,445
Connecticut 3.8%		
Connecticut, Harbor Point Infrastructure Improvement District, Special Obligation Revenue, Harbor Point Project, Series A, 7.875%, 4/1/2039	2,000,000	2,165,960
Greenwich, CT, Multi-Family Housing Revenue, 6.35%, 9/1/2027	2,000,000	2,032,460
Mashantucket, CT, Mashantucket Western Pequot Tribe, Special Revenue, Series A, 144A, 6.5%, 9/1/2031 *	705,000	341,276
Mashantucket, CT, Sports Expo & Entertainment Revenue, Mashantucket Western Pequot Tribe:		
Series B, 144A, Zero Coupon, 9/1/2017	2,000,000	665,740
Series B, 144A, Zero Coupon, 9/1/2018	1,000,000	325,320
		5,530,756
Florida 8.6%		
	495,000	499,599

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Florida, Capital Region Community Development District, Capital Improvement Revenue, Series A, 7.0%, 5/1/2039		
Florida, Middle Village Community Development District, Special Assessment, Series A, 6.0%, 5/1/2035	1,000,000	970,740
Florida, Tolomato Community Development District, Special Assessment:		
5.4%, 5/1/2037	1,915,000	1,556,780
6.55%, 5/1/2027	850,000	681,130
Hillsborough County, FL, Industrial Development Authority Revenue, Health Facilities, University Community Hospital, Series A, 5.625%, 8/15/2029	1,875,000	1,895,906
Miami Beach, FL, Health Facilities Authority Hospital Revenue, Mount Sinai Medical Center, 144A, 6.75%, 11/15/2029	1,600,000	1,641,440
Miami-Dade County, FL, Aviation Revenue, Series A, 5.5%, 10/1/2041	3,000,000	3,160,920
Orlando, FL, Greater Aviation Authority, Airport Facilities Revenue, Jet Blue Airways Corp., AMT, 6.5%, 11/15/2036	1,000,000	983,810
Orlando, FL, Special Assessment Revenue, Conroy Road Interchange Project, Series A, 5.8%, 5/1/2026	1,000,000	993,810
		12,384,135
Georgia 5.6%		
Americus-Sumter County, GA, Hospital & Healthcare Revenue, Hospital Authority, South Georgia Methodist, Series A, 6.375%, 5/15/2029	1,250,000	1,195,225
Atlanta, GA, Tax Allocation, Beltline Project, Series B, 7.375%, 1/1/2031	1,000,000	1,045,680
Atlanta, GA, Water & Wastewater Revenue, Series A, 6.25%, 11/1/2034	2,000,000	2,295,200
Gainesville & Hall County, GA, Development Authority Retirement Community Revenue, ACTS Retirement, Life Community, Series A-2, 6.625%, 11/15/2039	1,000,000	1,069,130
Georgia, Main Street Natural Gas, Inc., Gas Project Revenue, Series A, 5.5%, 9/15/2024	1,220,000	1,300,044
Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare System, 6.5%, 8/1/2038 (a)	1,000,000	1,137,270
		8,042,549
Guam 2.2%		
Guam, Government General Obligation, Series A, 7.0%, 11/15/2039	1,000,000	1,119,920
Guam, Government Waterworks Authority, Water & Wastewater System Revenue, 6.0%, 7/1/2025	1,000,000	1,030,490
Guam, Power Authority Revenue, Series A, 5.5%, 10/1/2030	1,000,000	1,010,050
		3,160,460
Hawaii 0.4%		
Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., 6.5%, 7/1/2039	500,000	557,140
Idaho 0.2%		

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Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center, 6.75%, 11/1/2037	305,000	346,974
Illinois 6.2%		
Illinois, Finance Authority Revenue, Elmhurst Memorial Healthcare, Series A, 5.625%, 1/1/2037	3,000,000	2,961,180
Illinois, Finance Authority Revenue, Friendship Village of Schaumburg, Series A, 5.625%, 2/15/2037	2,000,000	1,674,260
Illinois, Finance Authority Revenue, Park Place of Elmhurst, Series A, 8.0%, 5/15/2030	1,000,000	1,001,140
Illinois, Finance Authority Revenue, Roosevelt University Project, 6.5%, 4/1/2044	1,000,000	1,071,420
Illinois, Finance Authority Revenue, Three Crowns Park Plaza, Series A, 5.875%, 2/15/2038	1,000,000	954,820
Illinois, Upper River Valley Development Authority, Solid Waste Disposal Revenue, Waste Recovery Project, AMT, 5.9%, 2/1/2014	820,000	801,296
University Park, IL, Sales & Special Tax Revenue, Governors Gateway Industrial Park, 8.5%, 12/1/2011	430,000	431,737
		8,895,853
Indiana 1.1%		
Indiana, Finance Authority Hospital Revenue, Deaconess Hospital Obligation, Series A, 6.75%, 3/1/2039	525,000	585,296
Vigo County, IN, Hospital Authority Revenue, Union Hospital, Inc., 144A, 5.7%, 9/1/2037	1,000,000	952,450
		1,537,746
Iowa 1.7%		
Cedar Rapids, IA, First Mortgage Revenue, Cottage Grove Place, Series A, 5.875%, 7/1/2028	1,670,000	1,302,734
Iowa, Finance Authority Retirement Community Revenue, Edgewater LLC Project, 6.5%, 11/15/2027	1,000,000	1,001,010
Lake City, IA, Senior Care Revenue, Health Care Facility, Opportunity Living Project, 144A, 6.45%, 5/1/2011	175,000	175,294
		2,479,038
Kansas 3.7%		
Kansas, State Department of Transportation Highway Revenue, Series A-2, 0.25% **, 9/1/2014	3,600,000	3,600,000
Lenexa, KS, Health Care Facility Revenue, Lakeview Village, Inc. Project, 7.25%, 5/15/2039	300,000	310,509
Wyandotte County, KS, Unified Government Special Obligation Revenue, Sales Tax, Series B, 5.0%, 12/1/2020	1,400,000	1,469,678
		5,380,187
Kentucky 3.6%		
Kentucky, Economic Development Finance Authority, Health System Revenue, Norton Healthcare, Series A, 6.625%, 10/1/2028	215,000	217,458
Kentucky, Economic Development Finance Authority, Hospital Facilities Revenue, Owensboro Medical Health Systems, Series A, 6.5%, 3/1/2045	1,000,000	1,077,710
	365,000	402,091

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Kentucky, Economic Development Finance Authority, Louisville Arena Project Revenue, Series A-1, 6.0%, 12/1/2033 (a) Louisville & Jefferson County, KY, Metropolitan Government Health Systems Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	3,425,000	3,482,300
		5,179,559
Louisiana 4.0% Louisiana, Local Government Environmental Facilities, Community Development Authority Revenue, 6.75%, 11/1/2032 Louisiana, St. John Baptist Parish Revenue, Marathon Oil Corp., Series A, 5.125%, 6/1/2037	1,000,000	1,049,290
Morehouse Parish, LA, Pollution Control Revenue, International Paper Co. Project, Series A, 5.25%, 11/15/2013	1,500,000	1,502,925
	3,000,000	3,259,260
		5,811,475
Maryland 4.4% Maryland, Economic Development Corp., Pollution Control Revenue, Potomac Electric Power Co., 6.2%, 9/1/2022	1,500,000	1,782,195
Maryland, State Economic Development Corp. Revenue, Senior Lien Project, Chesapeake Bay: Series A, 5.0%, 12/1/2031	1,000,000	753,220
Series B, 5.25%, 12/1/2031	1,000,000	779,810
Maryland, State Health & Higher Educational Facilities Authority Revenue, Anne Arundel Health Systems, Series A, 6.75%, 7/1/2039	500,000	581,615
Maryland, State Health & Higher Educational Facilities Authority Revenue, Washington County Hospital: 5.75%, 1/1/2033	1,000,000	1,029,420
6.0%, 1/1/2028	1,385,000	1,470,787
		6,397,047
Massachusetts 6.0% Massachusetts, Development Finance Agency, Senior Living Facility Revenue, Groves-Lincoln: Series A, 7.75%, 6/1/2039	250,000	266,703
Series A, 7.875%, 6/1/2044	250,000	267,092
Massachusetts, Hospital & Healthcare Revenue, Health & Educational Facilities Authority, Civic Investments, Series A, Prerefunded, 9.0%, 12/15/2015	1,500,000	1,747,770
Massachusetts, Industrial Development Revenue, Development Finance Agency, Series A, 7.1%, 7/1/2032	1,800,000	1,651,014
Massachusetts, Project Revenue, Health & Educational Facilities Authority, Jordan Hospital, Series E, 6.75%, 10/1/2033	1,790,000	1,801,939
Massachusetts, State Development Finance Agency Revenue, Linden Ponds, Inc. Facility, Series A, 5.75%, 11/15/2035	2,700,000	2,071,467
Massachusetts, State Health & Educational Facilities Authority Revenue, Milford Regional Medical Center, Series E, 5.0%, 7/15/2037	950,000	816,050
Massachusetts, State Health & Educational Facilities Authority Revenue, Partners Healthcare Systems, Series C, 5.75%, 7/1/2032	35,000	35,831
		8,657,866

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Michigan 4.4%		
Kalamazoo, MI, Economic Development Corp. Revenue, Limited Obligation, Heritage Community, 5.5%, 5/15/2036	1,000,000	852,620
Kentwood, MI, Economic Development, Limited Obligation, Holland Home, Series A, 5.375%, 11/15/2036	2,000,000	1,727,360
Royal Oak, MI, Hospital Finance Authority Revenue, William Beaumont Hospital, 8.25%, 9/1/2039	1,000,000	1,217,300
Saginaw, MI, Hospital & Healthcare Revenue, Hospital Finance Authority, Covenant Medical Center, Series F, 6.5%, 7/1/2030	1,000,000	1,010,850
Tawas City, MI, Hospital Finance Authority, St. Joseph Health Services:		
Series A, ETM, 5.6%, 2/15/2013	145,000	150,309
Series A, ETM, 5.75%, 2/15/2023	1,300,000	1,305,226
		6,263,665
Minnesota 0.8%		
Minneapolis, MN, Health Care Systems Revenue, Fairview Health Services, Series A, 6.75%, 11/15/2032	1,000,000	1,155,090
Mississippi 1.2%		
Lowndes County, MS, Solid Waste Disposal & Pollution Control Revenue, Weyerhaeuser Co. Project, Series A, 6.8%, 4/1/2022	250,000	279,742
Mississippi, Business Finance Corp., Pollution Control Revenue, Systems Energy Resources, Inc. Project, 5.875%, 4/1/2022	1,000,000	1,000,070
Warren County, MS, Gulf Opportunity Zone, International Paper Co., Series A, 6.5%, 9/1/2032	435,000	484,995
		1,764,807
Missouri 2.3%		
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037	250,000	143,665
Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015	825,000	830,635
Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042	2,000,000	1,815,220
St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034	415,000	453,196
		3,242,716
Nevada 7.4%		
Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030	1,665,000	1,664,867
Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a)	6,140,000	6,987,443
Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031	2,000,000	2,056,460
Nevada, Director State Department of Business & Industry, Las Vegas Monorail Project, Second Tier, 7.375%, 1/1/2030 *	2,000,000	4,000
		10,712,770
New Hampshire 2.2%		
	1,500,000	1,370,280

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New Hampshire, Hospital & Healthcare Revenue, Rivermead at Peterborough Retirement Community, 5.75%, 7/1/2028		
New Hampshire, State Business Finance Authority, Solid Waste Disposal Revenue, Waste Management, Inc. Project, AMT, 5.2%, 5/1/2027	1,750,000	1,789,830
		3,160,110
New Jersey 1.3%		
New Jersey, Economic Development Authority Revenue, Cigarette Tax, 5.75%, 6/15/2034	290,000	287,004
New Jersey, Health Care Facilities Financing Authority Revenue, St. Joseph's Health Care System, 6.625%, 7/1/2038	1,430,000	1,515,271
		1,802,275
New York 9.2%		
Nassau County, NY, Project Revenue, North Shore Healthcare Systems Project, Series B, 5.875%, 11/1/2011	250,000	255,450
New York & New Jersey Port Authority, One Hundred Forty-Seventh, AMT, 5.0%, 10/15/2023 (a)	8,260,000	8,832,666
New York City, NY, Industrial Development Agency Revenue, Liberty-7, World Trade Center, Series A, 6.25%, 3/1/2015	2,000,000	2,007,300
New York City, NY, Industrial Development Agency, Special Facility Revenue, American Airlines, JFK International Airport, AMT, 8.0%, 8/1/2028	2,000,000	2,134,640
		13,230,056
North Carolina 1.5%		
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	1,000,000	1,112,930
		2,201,680
Ohio 4.2%		
Buckeye, OH, Tobacco Settlement Financing Authority, Series A-2, 5.875%, 6/1/2030	7,350,000	5,992,308
Pennsylvania 3.5%		
Butler County, PA, Hospital Authority Revenue, Butler Health Systems Project, 7.25%, 7/1/2039	2,000,000	2,319,540
Montgomery County, PA, Industrial Development Authority Revenue, Whitmarsh Continuing Care, 6.25%, 2/1/2035	600,000	511,440
Pennsylvania, Hospital & Healthcare Revenue, Economic Development Financing Authority, UPMC Health System, Series A, Prerefunded, 6.0%, 1/15/2031	750,000	773,580
Philadelphia, Redevelopment Authority Revenue, First Lien Mortgage, Series A, 6.5%, 1/1/2029	581,800	582,597
Westmoreland County, PA, Industrial Development Authority Revenue, Retirement Community-Redstone, Series A, 5.875%, 1/1/2032	1,000,000	892,410
		5,079,567

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Puerto Rico 8.2%		
Commonwealth of Puerto Rico, Aqueduct & Sewer Authority Revenue, Series A, 6.0%, 7/1/2038	4,000,000	4,339,920
Commonwealth of Puerto Rico, Highway & Transportation Authority Revenue, Series L, 5.25%, 7/1/2038 (a)	1,300,000	1,383,005
Puerto Rico, Public Buildings Authority Revenue, Series Q, 5.625%, 7/1/2039	1,000,000	1,049,210
Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue:		
Series A, 5.375%, 8/1/2039	1,000,000	1,056,300
Series A, 6.5%, 8/1/2044	2,000,000	2,275,300
Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue, Convertible Capital Appreciation, Series A, Step-up Coupon, 0% to 8/1/2016, 6.75% to 8/1/2032	2,000,000	1,728,320
		11,832,055
South Carolina 1.9%		
Hardeeville, SC, Assessment Revenue, Anderson Tract Municipal Improvement District, Series A, 7.75%, 11/1/2039	983,000	856,763
South Carolina, Jobs Economic Development Authority Revenue, Bon Secours Health System, Series B, 5.625%, 11/15/2030	1,585,000	1,613,594
South Carolina, Jobs Economic Development Authority, Hospital Facilities Revenue, Palmetto Health Alliance, Series C, Prerefunded, 7.0%, 8/1/2030	170,000	200,979
		2,671,336
South Dakota 1.5%		
South Dakota, Hospital & Healthcare Revenue, Sioux Valley Hospital, Series E, 5.375%, 11/1/2024	2,000,000	2,084,040
Tennessee 3.1%		
Clarksville, TN, Natural Gas Acquisition Corp., Gas Revenue:		
5.0%, 12/15/2017	500,000	531,185
5.0%, 12/15/2018	540,000	568,129
Johnson City, TN, Health & Educational Facilities Board Hospital Revenue, Mountain States Health Alliance, Series A, 7.75%, 7/1/2038	1,000,000	1,162,490
Johnson City, TN, Hospital & Healthcare Revenue, Health & Educational Facilities Board Hospital, Series A, Prerefunded, 7.5%, 7/1/2033	2,000,000	2,256,980
		4,518,784
Texas 12.0%		
Abilene, TX, Senior Care Revenue, Health Facilities Development, Sears Methodist Retirement Facilities, Series A, 5.9%, 11/15/2025	2,500,000	2,128,350
Austin, TX, Austin-Bergstrom Landhost Enterprises, Inc., Airport Hotel Project, Series A, 4.388%, 4/1/2027 (b)	1,960,000	1,211,809
Brazos River, TX, Harbor Navigation District, Brazoria County Environmental Health, Dow Chemical Co. Project:		
Series B-2, 4.95%, 5/15/2033	1,000,000	977,910
Series A-3, AMT, 5.125%, 5/15/2033	1,000,000	974,390
Houston, TX, Transportation/Tolls Revenue, Special Facilities, Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029	2,000,000	2,009,980



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Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030 (a)	2,250,000	2,071,755
North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033	2,000,000	2,155,840
San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039 (a)	1,000,000	939,680
Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044	1,000,000	1,054,820
Texas, Industrial Development Revenue, Waste Disposal Authority, Series A, AMT, 6.1%, 8/1/2024	1,000,000	1,016,530
Texas, SA Energy Acquisition Public Facility Corp., Gas Supply Revenue, 5.5%, 8/1/2020	2,000,000	2,167,320
Travis County, TX, Health Facilities Development Corp. Revenue, Westminster Manor Health, 7.125%, 11/1/2040	510,000	533,960
		17,242,344
Virgin Islands 2.1%		
Virgin Islands, Sales & Special Tax Revenue, Public Finance Authority, Series A, 6.375%, 10/1/2019	3,000,000	3,037,140
Virginia 1.1%		
Washington County, VA, Industrial Development Authority, Hospital Facility Revenue, Mountain States Health Alliance, Series C, 7.75%, 7/1/2038	1,370,000	1,598,639
Washington 1.9%		
Washington, State Health Care Facilities Authority Revenue, Series C, 5.375%, 8/15/2028 (a)	595,000	604,466
Washington, State Health Care Facilities Authority Revenue, Virginia Mason Medical Center, Series A, 6.125%, 8/15/2037	2,000,000	2,093,700
		2,698,166
West Virginia 0.3%		
West Virginia, Hospital Finance Authority Revenue, Charleston Medical Center, Prerefunded, 6.75%, 9/1/2022	390,000	393,900
Wisconsin 3.6%		
Wisconsin, Hospital & Healthcare Revenue, Health & Educational Facilities Authority, Aurora Health Care, Inc., 6.875%, 4/15/2030	1,000,000	1,045,969
Wisconsin, State Health & Educational Facilities Authority Revenue, Aurora Health Care, Inc., Series A, 5.6%, 2/15/2029	1,040,000	1,040,239
Wisconsin, State Health & Educational Facilities Authority Revenue, Prohealth Care, Inc. Obligation Group, 6.625%, 2/15/2039	1,110,000	1,233,921
Wisconsin, State Health & Educational Facilities Authority Revenue, Thedacare, Inc., Series A, 5.5%, 12/15/2038	1,765,000	1,860,645
		5,180,774
Total Municipal Bonds and Notes (Cost \$187,535,863)		204,688,676
Municipal Inverse Floating Rate Notes (c) 12.1%		
California 3.1%		

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San Diego County, CA, Water Authority Revenue, Certificates of Participation, Series 2008-A, 5.0%, 5/1/2027 (a) (d)	2,121,349	2,318,289
San Diego County, CA, Water Authority Revenue, Certificates of Participation, Series 2008-A, 5.0%, 5/1/2028 (a) (d)	1,930,312	2,109,516
Trust: San Diego County, CA, Water Utility Improvements, Certificates of Participation, Series 2008-1104, 144A, 9.153%, 5/1/2027, Leverage Factor at purchase date: 2 to 1		4,427,805
New York 4.3%		
New York, State Dormitory Authority, State Personal Income Tax Revenue, Series A, 5.0%, 3/15/2023 (d)	5,535,000	6,269,342
Trust: New York, State Dormitory Authority Revenue, Secondary Issues, Series 1955-2, 144A, 17.494%, 3/15/2023, Leverage Factor at purchase date: 4 to 1		
Tennessee 4.7%		
Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2024 (d)	5,918,585	6,803,862
Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-1, 144A, 17.506%, 1/1/2024, Leverage Factor at purchase date: 4 to 1		
Total Municipal Inverse Floating Rate Notes (Cost \$15,955,779)		17,501,009

	% of	Value (\$)
	Net Assets	
Total Investment Portfolio (Cost \$203,491,642) †	154.2	222,189,685
Other Assets and Liabilities, Net	(5.6)	(8,108,427)
Preferred Shares, at Redemption Value	(48.6)	(70,000,000)
Net Assets Applicable to Common Shareholders	100.0	144,081,258

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.

\* Non-income producing security. In the case of a bond, generally denotes that the issuer has defaulted on the payment of principal or interest. The following table represents bonds that are in default:

Security	Coupon	Maturity Date	Principal Amount (\$)	Acquisition Cost (\$)	Value (\$)
Mashantucket, CT, Mashantucket Western Pequot Tribe, Special Revenue, Series A, 144A	6.5 %	9/1/2031	705,000	735,378	341,276
Nevada, Director State Department of Business & Industry, Las Vegas Monorail Project, Second Tier	7.375 %	1/1/2030	2,000,000	1,933,273	4,000

2,668,651 345,276

\*\* 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.

† The cost for federal income tax purposes was \$202,839,807. At August 31, 2010, net unrealized appreciation for all securities based on tax cost was \$19,349,878. This consisted of aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost of \$24,915,295 and aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value of \$5,565,417.

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

	As a % of Total Investment Portfolio
Insurance Coverage	
Ambac Financial Group, Inc.	2.0
Assured Guaranty Corp.	0.7
Assured Guaranty Municipal Corp.	2.0
Financial Guaranty Insurance Co.	7.1
Radian Asset Assurance, Inc.	0.3

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

- (b) Partial interest paying security. The rate shown represents 65% of the original coupon rate.
- (c) Securities represent the underlying municipal obligations of inverse floating rate obligations held by the Fund.
- (d) 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.

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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(e)	\$—	\$222,189,685	\$—	\$222,189,685
Total	\$—	\$222,189,685	\$—	\$222,189,685

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

(e) 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 Strategic Municipal Income Trust

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

Date: October 21, 2010

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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

By: /s/Paul Schubert  
Paul Schubert  
Chief Financial Officer and Treasurer

Date: October 21, 2010