DWS STRATEGIC 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: 811-05767

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 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 Strategic Municipal Income Trust

	Principal Amount (\$)	Value (\$)
Municipal Bonds and Notes 139.9%		
Arizona 2.1%		
Arizona, Project Revenue, Health Facilities Authority, The New		
Foundation Project, 8.25%, 3/1/2019	1,280,000	1,295,053
Maricopa County, AZ, Pollution Control Corp. Revenue, El Paso		
Electric Co. Project, Series B, 7.25%, 4/1/2040	1,570,000	1,888,380
		3,183,433

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California 14.2% California, Health Facilities Financing Authority Revenue, Catholic		
Healthcare West, Series A, 6.0%, 7/1/2034	1,000,000	1,183,050
California, M-S-R Energy Authority, Series B, 7.0%, 11/1/2034	1,310,000	1,743,715
California, Morongo Band of Mission Indians, Enterprise Casino	1,310,000	1,745,715
Revenue, Series B, 144A, 6.5%, 3/1/2028	1,000,000	1,069,130
California, South Bayside Waste Management Authority, Solid	1,000,000	1,005,150
Waste Enterprise, Shoreway Environmental, Series A, 6.25%,		
9/1/2029	1,425,000	1,627,948
California, Special Assessment Revenue, Golden State Tobacco		
Securitization Corp., Series 2003-A-1, Prerefunded, 6.75%,		
6/1/2039	4,000,000	4,196,400
California, State General Obligation:		
5.25%, 4/1/2035	1,230,000	1,404,476
5.5%, 3/1/2040	1,000,000	1,147,620
5.75%, 4/1/2031	1,000,000	1,181,150
6.0%, 4/1/2038	1,000,000	1,179,620
6.5%, 4/1/2033	1,950,000	2,433,463
California, State Public Works Board Lease Revenue, Capital		
Projects, Series I-1, 6.375%, 11/1/2034	1,000,000	1,214,340
California, State Public Works Board Lease Revenue, Riverside	2 000 000	2 401 220
Campus Project, Series B, 6.125%, 4/1/2028	2,000,000	2,401,220
Sacramento County, CA, Sales & Special Tax Revenue, Bradshaw	420,000	420 711
Road Project, 7.2%, 9/2/2015	420,000	428,711
San Buenaventura, CA, Community Memorial Health Systems, 7.5%, 12/1/2041	500,000	607,350
7.3%, 12/1/2041	300,000	007,330
		21,818,193
Colorado 0.8%		
Colorado, Public Energy Authority, Natural Gas Purchased		
Revenue, 6.25%, 11/15/2028, GTY: Merrill Lynch & Co., Inc.	635,000	761,454
Colorado, State Health Facilities Authority Revenue, Covenant		
Retirement Communities, Series A, 5.0%, 12/1/2033 (a)	440,000	459,162
		1,220,616
Connecticut 2.1%		1,220,010
Connecticut, Harbor Point Infrastructure Improvement District,		
Special Obligation Revenue, Harbor Point Project, Series A,		
7.875%, 4/1/2039	2,000,000	2,285,840
Mashantucket, CT, Mashantucket Western Pequot Tribe, Special		
Revenue, Series A, 144A, 6.5%, 9/1/2031 *	705,000	277,798
Mashantucket, CT, Sports Expo & Entertainment Revenue,		
Mashantucket Western Pequot Tribe:		
Series B, 144A, Zero Coupon,		
9/1/2017 *	2,000,000	489,000
Series B, 144A, Zero Coupon,		
9/1/2018 *	1,000,000	231,600
		3,284,238
Florida 9.1%		3,404,438
	485,000	463,034
	,	,

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	830,600
Florida, Tolomato Community Development District, Special		
Assessment:		
Series A-2, Step-up Coupon, 0% to		
5/1/2017, 6.61% to 5/1/2039	50,000	35,843
Series A-3, Step-up Coupon, 0% to		
5/1/2019, 6.61% to 5/1/2040	110,000	63,249
Series A-4, Step-up Coupon, 0% to		
5/1/2022, 6.61% to 5/1/2040	55,000	23,280
5.4%, 5/1/2037	1,800,000	1,755,558
6.55%, 5/1/2027 *	545,000	246,144
Series A-1, 6.55%, 5/1/2027	170,000	165,111
Florida, Village Community Development District No. 9, Special		
Assessment Revenue, 5.5%, 5/1/2042	175,000	185,276
Hillsborough County, FL, Industrial Development Authority		
Revenue, Health Facilities, University Community Hospital, Series		
A, Prerefunded, 5.625%, 8/15/2029	1,875,000	2,383,856
Martin County, FL, Health Facilities Authority, Martin Memorial		
Medical Center, 5.5%, 11/15/2042	335,000	365,673
Miami Beach, FL, Health Facilities Authority, Mount Sinai Medical		
Center:		
144A, 6.75%, 11/15/2029	1,385,000	1,492,961
Prerefunded, 144A, 6.75%,		
11/15/2029	215,000	244,257
Miami-Dade County, FL, Aviation Revenue, Series A, 5.5%,	• • • • • • •	
10/1/2041	3,000,000	3,422,910
Orlando & Orange County, FL, Expressway Authority Revenue,	4 000 000	1.006.06
Series C, 5.0%, 7/1/2035	1,080,000	1,206,965
Orlando, FL, Greater Aviation Authority, Airport Facilities	1 000 000	1 000 500
Revenue, Jet Blue Airways Corp., AMT, 6.5%, 11/15/2036	1,000,000	1,009,580
		12 004 207
Coursia 6 600		13,894,297
Georgia 6.6%		
Americus-Sumter County, GA, Hospital & Healthcare Revenue, Hospital Authority, South Georgia Methodist, Series A, 6.375%,		
5/15/2029	1,250,000	1,250,775
Atlanta, GA, Airport Revenue, Series C, AMT, 5.0%, 1/1/2037	375,000	410,528
Atlanta, GA, Tax Allocation, Beltline Project, Series B, 7.375%,	373,000	410,326
1/1/2031	1,000,000	1,142,620
Atlanta, GA, Water & Wastewater Revenue, Series A, 6.25%,	1,000,000	1,142,020
11/1/2034	2,000,000	2,430,660
DeKalb County, GA, Water & Sewer Revenue, Series A, 5.25%,	2,000,000	2,430,000
10/1/2036	1,000,000	1,151,520
Gainesville & Hall County, GA, Development Authority	1,000,000	1,131,320
Retirement Community Revenue, ACTS Retirement Life		
Community, Series A-2, 6.625%, 11/15/2039	1,000,000	1,139,680
Georgia, Main Street Natural Gas, Inc., Gas Project Revenue, Series	1,000,000	1,137,000
A, 5.5%, 9/15/2024	1,220,000	1,354,956
12, 0.0 10, 71 101 202 1	1,220,000	1,55 ⁻ T,750

Georgia, Medical Center Hospital Authority Revenue, Anticipation		
Certificates, Columbus Regional Healthcare System, 6.5%, 8/1/2038, INS: AGC	1,000,000	1,163,970
C 2.10		10,044,709
Guam 2.1% Guam, Government General Obligation, Series A, 7.0%, 11/15/2039	1,000,000	1,130,960
Guam, Government Waterworks Authority, Water & Wastewater System Revenue, 6.0%, 7/1/2025 Guam, Power Authority Revenue, Series A, 5.5%, 10/1/2030	1,000,000 1,000,000	1,031,760 1,058,410
		3,221,130
Hawaii 0.4% Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., Inc., 6.5%, 7/1/2039, GTY:		
Hawaiian Electric Co., Inc. Idaho 0.2%	500,000	586,125
Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center, 6.75%, 11/1/2037 Illinois 9.8%	305,000	361,858
Chicago, IL, General Obligation, Series A, 5.25%, 1/1/2035 Chicago, IL, Airport Revenue, O'Hare International Airport	1,000,000	1,125,880
Revenue, Series B, 6.0%, 1/1/2041 Chicago, IL, Waterworks Revenue, 5.0%, 11/1/2042 Illinois, Finance Authority Revenue, Elmhurst Memorial	2,000,000 590,000	2,396,160 672,995
Healthcare, Series A, 5.625%, 1/1/2037 Illinois, Finance Authority Revenue, Friendship Village of	3,000,000	3,228,150
Schaumburg, Series A, 5.625%, 2/15/2037 Illinois, Finance Authority Revenue, Park Place of Elmhurst, Series	2,000,000	2,011,300
A, 8.0%, 5/15/2030 Illinois, Finance Authority Revenue, The Admiral at Lake Project,	1,000,000	1,094,400
Series A, 8.0%, 5/15/2040 Illinois, Finance Authority Revenue, Three Crowns Park Plaza,	1,000,000	1,177,180
Series A, 5.875%, 2/15/2038 Illinois, Metropolitan Pier & Exposition Authority Revenue,	1,000,000	1,027,270
McCormick Place Project, Series A, 5.0%, 6/15/2042 Illinois, Railsplitter Tobacco Settlement Authority Revenue, 6.0%,	300,000	334,902
6/1/2028 Illinois, State Finance Authority Revenue, Trinity Health Corp.,	365,000	428,583
Series L, 5.0%, 12/1/2030 Illinois, Upper River Valley Development Authority, Solid Waste	1,000,000	1,112,170
Disposal Revenue, Waste Recovery Project, AMT, 5.9%, 2/1/2014, GTY: GreenGold Ray Energies, Inc.	425,000	426,645
Indiana 1.1%		15,035,635
Indiana, Finance Authority Hospital Revenue, Deaconess Hospital Obligation, Series A, 6.75%, 3/1/2039	525,000	620,918
Vigo County, IN, Hospital Authority Revenue, Union Hospital, Inc., 144A, 5.7%, 9/1/2037	1,000,000	1,032,770

Iowa 0.7%		1,653,688
Iowa 6.7% Iowa, Finance Authority Retirement Community Revenue, Edgewater LLC Project, 6.5%, 11/15/2027 Kansas 0.6%	1,000,000	1,010,400
Lenexa, KS, Health Care Facility Revenue, Lakeview Village, Inc. Project, 7.25%, 5/15/2039 Wyandotte County, KS, Unified Government Special Obligation	300,000	336,573
Revenue, Sales Tax, Series B, 5.0%, 12/1/2020	520,000	551,455
		888,028
Kentucky 4.2% Kentucky, Economic Development Finance Authority, Hospital Facilities Revenue, Owensboro Medical Health Systems, Series A,		
6.5%, 3/1/2045 Kentucky, Economic Development Finance Authority, Louisville	2,000,000	2,383,840
Arena Project Revenue, Series A-1, 6.0%, 12/1/2033, INS: AGC Louisville & Jefferson County, KY, Metropolitan Government	365,000	407,398
Health Systems Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	3,425,000	3,562,548
I autatama 2 007		6,353,786
Louisiana 3.8% Louisiana, Local Government Environmental Facilities, Community		
Development Authority Revenue, 6.75%, 11/1/2032 Louisiana, St. John Baptist Parish Revenue, Marathon Oil Corp.,	1,000,000	1,127,150
Series A, 5.125%, 6/1/2037 Morehouse Parish, LA, Pollution Control Revenue, International	1,500,000	1,591,365
Paper Co. Project, Series A, 5.25%, 11/15/2013	3,000,000	3,149,940
M: 0.00		5,868,455
Maine 0.8% Maine, Health & Higher Educational Facilities Authority Revenue,		
Maine General Medical Center, 6.75%, 7/1/2036 Maryland 4.2%	1,000,000	1,178,010
Maryland, Economic Development Corp., Pollution Control	1 500 000	1 024 040
Revenue, Potomac Electric Power Co., 6.2%, 9/1/2022 Maryland, State Economic Development Corp. Revenue, Senior	1,500,000	1,824,840
Lien Project, Chesapeake Bay:	1 000 000	(05.740
Series A, 5.0%, 12/1/2031 Series B, 5.25%, 12/1/2031	1,000,000 1,000,000	685,740 714,960
Maryland, State Health & Higher Educational Facilities Authority	1,000,000	714,900
Revenue, Anne Arundel Health Systems, Series A, 6.75%, 7/1/2039 Maryland, State Health & Higher Educational Facilities Authority Revenue, Washington County Hospital:	500,000	605,580
5.75%, 1/1/2033	1,000,000	1,074,050
6.0%, 1/1/2028	1,385,000	1,515,730
Massachusetts 4.9%		6,420,900

250,000	130,737
•	130,697
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1,200,000	1,254,300
1,715,000	1,615,942
1 700 000	1.024.700
1,790,000	1,824,798
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280,000	298,701
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1,000,000	959,030
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1,000,000	1,288,550
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1,300,000	1,305,837
	9,343,312
	7,545,512
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Mississippi, State Business Finance Commission, Gulf Opportunity Zone, Chevron U.S.A., Inc., Series E, 0.17% **, 12/1/2030, GTY:		
Chevron Corp. Warren County, MS, Gulf Opportunity Zone, International Paper	300,000	300,000
Co., Series A, 6.5%, 9/1/2032	435,000	492,877
		3,585,752
Missouri 1.6%		
Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042	2,000,000	2,031,960
St. Louis, MO, Lambert-St. Louis International Airport Revenue,	415,000	491,111
Series A-1, 6.625%, 7/1/2034	413,000	491,111
N 1 616		2,523,071
Nevada 6.1% Clark County, NV, School District, Series A, 5.0%, 6/15/2022, INS:		
FGIC, NATL	5,140,000	5,997,455
Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031	2,000,000	2,129,120
Las Vegas Valley, NV, Water District, Series B, 5.0%, 6/1/2037	1,000,000	1,134,890
		9,261,465
New Hampshire 2.2%		9,201,403
New Hampshire, Hospital & Healthcare Revenue, Rivermead at Peterborough Retirement Community, 5.75%, 7/1/2028  New Hampshire, State Business Finance Authority, Solid Waste	1,500,000	1,501,065
Disposal Revenue, Waste Management, Inc. Project, AMT, 5.2%, 5/1/2027	1,750,000	1,895,810
		3,396,875
New Jersey 4.6%		, ,
New Jersey, Economic Development Authority Revenue, Cigarette Tax, Prerefunded, 5.75%, 6/15/2034  New Jersey, Health Care Facilities Financing Authority Revenue,	290,000	318,226
St. Joseph's Health Care System, 6.625%, 7/1/2038	715,000	827,641
New Jersey, State Economic Development Authority, Continental Airlines, Inc. Project, AMT, 4.875%, 9/15/2019	625,000	636,050
New Jersey, State Transportation Trust Fund Authority, Series B, 5.5%, 6/15/2031	1,500,000	1,785,840
New Jersey, Tobacco Settlement Financing Corp., Series 1A, 4.75%, 6/1/2034	4,280,000	3,521,755
		7,089,512
New York 10.6%		
New York, Metropolitan Transportation Authority Revenue: Series D, 5.0%, 11/15/2032	1,000,000	1,155,150
Series E, 5.0%, 11/15/2042	305,000	341,600
New York, State Thruway Authority, General Revenue, Series I,	270.000	205 007
5.0%, 1/1/2037 New York & New Jersey Port Authority, One Hundred	270,000	305,097
Forty-Seventh, AMT, 5.0%, 10/15/2023, INS: FGIC, NATL	8,260,000	9,190,241

New York & New Jersey Port Authority, Special Obligation Revenue, JFK International Air Terminal LLC, 6.0%, 12/1/2042 New York City, NY, Industrial Development Agency, Special Facility Revenue, American Airlines, JFK International Airport,	680,000	790,283
AMT, 8.0%, 8/1/2028, GTY: AMR Corp. Triborough, NY, Bridge & Tunnel Authority Revenues, Series A-1, 0.2% **, 11/1/2035, LOC: CA Public Employees Retirement	2,000,000	2,103,260
System	2,400,000	2,400,000
		16,285,631
North Carolina 1.4%  North Carolina Floatric Payonua Municipal Power Agency Series		
North Carolina, Electric Revenue, Municipal Power Agency, Series C, 5.375%, 1/1/2017	1,000,000	1,016,120
North Carolina, Medical Care Commission, Health Care Facilities		
Revenue, University Health Systems, Series D, 6.25%, 12/1/2033	1,000,000	1,173,640
		2,189,760
Ohio 1.9% Kent, OH, State University Revenues, General Receipts, Series A,		
5.0%, 5/1/2037	1,000,000	1,133,920
Ohio, American Municipal Power, Inc. Revenue, Fremont Energy	4 000	4 = 60 400
Center Project, Series B, 5.0%, 2/15/2037	1,575,000	1,768,489
		2,902,409
Pennsylvania 3.0%  Putler County, PA Hespital Authority Payanua Butler Health		
Butler County, PA, Hospital Authority Revenue, Butler Health Systems Project, 7.25%, 7/1/2039	2,000,000	2,403,020
Montgomery County, PA, Industrial Development Authority		
Revenue, Whitemarsh Continuing Care, 6.25%, 2/1/2035 Philadelphia, PA, Redevelopment Authority Revenue, First Lien	600,000	610,152
Mortgage, Series A, 6.5%, 1/1/2029	540,600	541,681
Westmoreland County, PA, Industrial Development Authority		
Revenue, Retirement Community-Redstone, Series A, 5.875%, 1/1/2032	1,000,000	1,024,170
1,1,2,3,2	1,000,000	1,021,170
Puerto Rico 7.1%		4,579,023
Commonwealth of Puerto Rico, Aqueduct & Sewer Authority		
Revenue, Series A, 6.0%, 7/1/2038	4,000,000	4,263,360
Puerto Rico, Public Buildings Authority Revenue, Series Q, 5.625%, 7/1/2039	1,000,000	1,043,660
Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue:	1,000,000	1,012,000
Series A, 5.375%, 8/1/2039	1,000,000	1,070,560
Series A, 6.5%, 8/1/2044 Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue,	2,000,000	2,388,060
Convertible Capital Appreciation, Series A, Step-up Coupon, 0% to		
8/1/2016, 6.75% to 8/1/2032	2,000,000	2,071,200
		10,836,840
South Carolina 1.8%	000	
	983,000	922,841

Hardeeville, SC, Assessment Revenue, Anderson Tract Municipal Improvement District, Series A, 7.75%, 11/1/2039 South Carolina, Jobs Economic Development Authority Revenue,	4.505.000	4.500.400
Bon Secours Health System, Series B, 5.625%, 11/15/2030 South Carolina, Jobs Economic Development Authority, Hospital Facilities Revenue, Palmetto Health Alliance, Series C,	1,585,000	1,599,122
Prerefunded, 7.0%, 8/1/2030	170,000	180,513
		2,702,476
Tennessee 1.5% Clarksville, TN, Natural Gas Acquisition Corp., Gas Revenue:		
5.0%, 12/15/2017	500,000	544,115
5.0%, 12/15/2018	540,000	582,887
Johnson City, TN, Health & Educational Facilities Board Hospital	2 10,000	
Revenue, Mountain States Health Alliance, Series A, 7.75%,		
7/1/2038	1,000,000	1,230,850
		2,357,852
Texas 13.6%		
Abilene, TX, Senior Care Revenue, Health Facilities Development,	2 410 000	1.752.000
Sears Methodist Retirement Facilities, Series A, 5.9%, 11/15/2025	2,410,000	1,752,889
Austin, TX, Austin-Bergstrom Landhost Enterprises, Inc., Airport	1 060 000	062 164
Hotel Project, Series A, 3.375%, 4/1/2027 (b)	1,960,000	963,164
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	1,066,000
Series A-3, AMT, 5.125%, 5/15/2033	1,000,000	1,046,070
Central Texas, Regional Mobility Authority Revenue, Senior Lien,	1,000,000	1,040,070
6.0%, 1/1/2041	545,000	635,432
Dallas-Fort Worth, TX, International Airport Revenue, Series D,	213,000	033,132
AMT, 5.0%, 11/1/2038	2,000,000	2,159,280
Houston, TX, Transportation/Tolls Revenue, Special Facilities,	,,	,,
Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029	2,000,000	2,008,140
Matagorda County, TX, Navigation District No. 1, Pollution		
Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%,		
5/1/2030, INS: AMBAC	2,250,000	2,362,838
North Texas, Tollway Authority Revenue, Toll Second Tier, Series		
F, 5.75%, 1/1/2033	2,000,000	2,212,480
San Antonio, TX, Convention Center Hotel Finance Corp., Contract		
Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039,		
INS: AMBAC	1,000,000	1,023,150
Tarrant County, TX, Cultural Education Facilities Finance Corp.,		
Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044	570,000	638,400
Texas, Industrial Development Revenue, Waste Disposal Authority,	1 000 000	1 002 400
Series A, AMT, 6.1%, 8/1/2024	1,000,000	1,003,480
Texas, Love Field Airport Modernization Corp., Special Facilities	1.055.000	1 127 650
Revenue, Southwest Airlines Co. Project, 5.25%, 11/1/2040	1,055,000	1,137,659
Texas, SA Energy Acquisition Public Facility Corp., Gas Supply Revenue, 5.5%, 8/1/2020	2,000,000	2,273,720
Travis County, TX, Health Facilities Development Corp. Revenue,	۷,000,000	2,213,120
Westminster Manor Health, 7.125%, 11/1/2040	510,000	599,464
	210,000	2,2,101

		20,882,166
Virgin Islands 1.8% Virgin Islands, Sales & Special Tax Revenue, Public Finance Authority, Series A, 6.375%, 10/1/2019 Virginia 1.1%	2,740,000	2,749,206
Washington County, VA, Industrial Development Authority, Hospital Facility Revenue, Mountain States Health Alliance, Series C, 7.75%, 7/1/2038 Washington 1.9% Washington, State Health Care Facilities Authority Revenue, Series C, 5.375%, 8/15/2028, INS: Radian Washington, State Health Care Facilities Authority Revenue,	1,370,000 595,000	1,704,691 631,301
Virginia Mason Medical Center, Series A, 6.125%, 8/15/2037	2,000,000	2,206,780
Wisconsin 2.8% Wisconsin, Hospital & Healthcare Revenue, Health & Educational Facilities Authority, Aurora Health Care, Inc., 6.875%, 4/15/2030	1,000,000	2,838,081 1,021,440
Wisconsin, State Health & Educational Facilities Authority Revenue, Prohealth Care, Inc. Obligation Group, 6.625%,		
2/15/2039 Wisconsin, State Health & Educational Facilities Authority	1,110,000	1,297,335
Revenue, Thedacare, Inc., Series A, 5.5%, 12/15/2038	1,765,000	1,945,506
		4,264,281
Total Municipal Bonds and Notes (Cost \$188,901,914)		214,146,041
Municipal Inverse Floating Rate Notes (c) 11.7% California 3.0% San Diego County, CA, Water Authority Revenue, Certificates of		
Participation, Series 2008-A, 5.0%, 5/1/2027, INS: AGMC (d) San Diego County, CA, Water Authority Revenue, Certificates of	2,121,349	2,405,886
Participation, Series 2008-A, 5.0%, 5/1/2028, INS: AGMC (d) Trust: San Diego County, CA, Water Utility Improvements, Certificates of Participation, Series 2008-1104, 144A, 9.203%, 11/1/2015, Leverage Factor at purchase date: 2 to 1	1,930,312	2,189,224
		4,595,110
New York 4.2%  New York, State Dormitory Authority, State Personal Income Tax  Revenue, Series A, 5.0%, 3/15/2023 (d)  Trust: New York, State Dormitory Authority Revenue, Secondary Issues, Series 1955-2, 144A, 17.854%, 3/15/2015, Leverage Factor at purchase date: 4 to 1	5,535,000	6,459,918
Tennessee 4.5% Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2024 (d)	5,918,585	6,925,340

Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-1, 144A, 17.866%, 1/1/2016,

Leverage Factor at purchase date: 4 to 1

Total Municipal Inverse Floating Rate Notes (Cost \$15,842,412)

17,980,368

		% of		
		Net Assets	Value (\$)	
Total Investment Portfolio (Cost				
\$204,744,326) †	151.6		232,126,409	
Other Assets and Liabilities, Net	(5.9)		(9,057,706)	
Preferred Shares, at Redemption Value	(45.7)		(70,000,000)	
Net Assets Applicable to Common				
Shareholders	100.0		153,068,703	

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.

The following table represents bonds that are in default:

		Maturity	Principal		
Security	Coupon	Date	Amount (\$)	Cost (\$)	Value (\$)
Austin, TX, Austin-Bergstrom					
Landhost Enterprises, Inc., Airport					
Hotel Project, Series A (b)	3.375%	4/1/2027	1,960,000	1,960,000	963,164
Florida, Tolomato Community					
Development District, Special					
Assessment *	6.55%	5/1/2027	850,000	548,692	383,894
Mashantucket, CT, Sports Expo &					
Entertainment Revenue,					
Mashantucket Western Pequot	Zero				
Tribe, Series B, 144A *	Coupon	9/1/2017	2,000,000	1,417,501	489,000
Mashantucket, CT, Mashantucket					
Western Pequot Tribe, Special					
Revenue, Series A, 144A *	6.50%	9/1/2031	705,000	733,004	277,798
Mashantucket, CT, Sports Expo &					
Entertainment Revenue,					
Mashantucket Western Pequot	Zero				
Tribe, Series B, 144A *	Coupon	9/1/2018	1,000,000	667,388	231,600
				5,326,585	2,345,456

Non-income producing security.

†

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.

The cost for federal income tax purposes was \$203,638,649. At August 31, 2012, net unrealized appreciation for all securities based on tax cost was \$28,487,760. This consisted of aggregate gross unrealized appreciation for all securities in which there

was an excess of value over tax cost of \$32,783,031 and aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value of \$4,295,271.

(a) When-issued security.

(b) Partial interest paying security. The rate shown represents 50% 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.

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.

Radian: Radian Asset Assurance, Inc.

#### 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(e)	<b>\$</b> —	\$232,126,409	<b>\$</b> —	\$232,126,409
Total	\$—	\$232,126,409	<b>\$</b> —	\$232,126,409

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

(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/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