DWS STRATEGIC MUNICIPAL INCOME TRUST Form N-O October 27, 2011

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 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: 8/31/2011

ITEM 1. SCHEDULE OF INVESTMENTS

Investment Portfolio as of August 31, 2011 (Unaudited)

DWS Strategic Municipal Income Trust

Principal Amount (\$) Value (\$)

Municipal Bonds and Notes 144.1%

Alabama 0.6%

Sylacauga, AL, Health Care Authority Revenue, Coosa Valley

Medical Center, Series A, 6.0%, 8/1/2035

1,000,000 851,910

Arizona 2.3%

Arizona, Project Revenue, Health Facilities Authority, The New Foundation Project, 8.25%, 3/1/2019	1,405,000	1,406,082
Maricopa County, AZ, Pollution Control Corp. Revenue, El Paso Electric Co. Project, Series B, 7.25%, 4/1/2040	1,570,000	1,775,780
		3,181,862
California 14.1%		
California, Health Facilities Financing Authority Revenue, Catholic	1 000 000	1.050.100
Healthcare West, Series A, 6.0%, 7/1/2034	1,000,000	1,070,100
California, M-S-R Energy Authority, Series B, 7.0%, 11/1/2034	1,310,000	1,474,641
California, Morongo Band of Mission Indians, Enterprise Casino	1 000 000	040.920
Revenue, Series B, 144A, 6.5%, 3/1/2028 California, South Payrida Westa Management Authority, Solid	1,000,000	940,830
California, South Bayside Waste Management Authority, Solid		
Waste Enterprise, Shoreway Environmental, Series A, 6.25%, 9/1/2029	1 425 000	1 400 607
California, Special Assessment Revenue, Golden State Tobacco	1,425,000	1,490,607
Securitization Corp., Series 2003-A-1, Prerefunded, 6.75%,		
6/1/2039	4,000,000	4,437,840
California, State General Obligation:	4,000,000	4,437,040
5.5%, 3/1/2040	1,000,000	1,041,660
5.75%, 4/1/2031	1,000,000	1,087,210
6.0%, 4/1/2038	1,000,000	1,091,740
6.5%, 4/1/2033	1,950,000	2,252,991
California, State Public Works Board Lease Revenue, Capital	,,	, - ,
Projects, Series I-1, 6.375%, 11/1/2034	1,000,000	1,087,340
California, State Public Works Board Lease Revenue, Riverside	, ,	
Campus Project, Series B, 6.125%, 4/1/2028	2,000,000	2,176,620
Sacramento County, CA, Sales & Special Tax Revenue, Bradshaw		
Road Project, 7.2%, 9/2/2015	545,000	553,208
San Buenaventura, CA, Community Memorial Health Systems,		
7.5%, 12/1/2041	500,000	496,365
		19,201,152
Colorado 0.5%		
Colorado, Public Energy Authority, Natural Gas Purchased	62.7 000	6 2 6 000
Revenue, 6.25%, 11/15/2028, GTY: Merrill Lynch & Co., Inc.	635,000	656,222
Connecticut 3.7%		
Connecticut, Harbor Point Infrastructure Improvement District,		
Special Obligation Revenue, Harbor Point Project, Series A,	2 000 000	2 100 620
7.875%, 4/1/2039 Cronwick CT Multi Family Haveing Revenue 6.25%, 0/1/2027	2,000,000	2,188,620
Greenwich, CT, Multi-Family Housing Revenue, 6.35%, 9/1/2027 Mashantucket, CT, Mashantucket Western Pequot Tribe, Special	2,000,000	1,917,560
Revenue, Series A, 144A, 6.5%, 9/1/2031 *	705,000	233,397
Mashantucket, CT, Sports Expo & Entertainment Revenue,	703,000	233,391
Mashantucket Western Pequot Tribe:		
Series B, 144A, Zero Coupon,		
9/1/2017 *	2,000,000	451,600
Series B, 144A, Zero Coupon,	_,500,000	.51,000
9/1/2018 *	1,000,000	212,720
	,,	-,. = 3
		5,003,897

Florida 9.8%		
Florida, Capital Region Community Development District, Capital Improvement Revenue, Series A, 7.0%, 5/1/2039	490,000	411,194
Florida, Middle Village Community Development District, Special	,	,
Assessment, Series A, 6.0%, 5/1/2035	1,000,000	909,680
Florida, Tolomato Community Development District, Special		
Assessment:		
5.4%, 5/1/2037	1,875,000	1,430,850
6.55%, 5/1/2027	850,000	566,287
Hillsborough County, FL, Industrial Development Authority Revenue, Health Facilities, University Community Hospital, Series		
A, Prerefunded, 5.625%, 8/15/2029	1,875,000	2,369,606
Miami Beach, FL, Health Facilities Authority Hospital Revenue,	1,075,000	2,307,000
Mount Sinai Medical Center, 144A, 6.75%, 11/15/2029	1,600,000	1,611,472
Miami-Dade County, FL, Aviation Revenue, Series A, 5.5%,	-,000,000	-,,
10/1/2041	3,000,000	3,078,540
Orlando & Orange County, FL, Expressway Authority Revenue,		
Series C, 5.0%, 7/1/2035	1,080,000	1,097,280
Orlando, FL, Greater Aviation Authority, Airport Facilities		
Revenue, Jet Blue Airways Corp., AMT, 6.5%, 11/15/2036	1,000,000	952,950
Orlando, FL, Special Assessment Revenue, Conroy Road		
Interchange Project, Series A, 5.8%, 5/1/2026	960,000	938,160
		13,366,019
Georgia 5.7%		- ,,-
Americus-Sumter County, GA, Hospital & Healthcare Revenue,		
Hospital Authority, South Georgia Methodist, Series A, 6.375%,		
5/15/2029	1,250,000	1,115,363
Atlanta, GA, Tax Allocation, Beltline Project, Series B, 7.375%,		
1/1/2031	1,000,000	1,029,160
Atlanta, GA, Water & Wastewater Revenue, Series A, 6.25%,	• 000 000	• • • • • • • • • • • • • • • • • • • •
11/1/2034	2,000,000	2,206,660
Gainesville & Hall County, GA, Development Authority		
Retirement Community Revenue, ACTS Retirement, Life	1 000 000	1.045.100
Community, Series A-2, 6.625%, 11/15/2039 Georgia, Main Street Natural Gas, Inc., Gas Project Revenue, Series	1,000,000	1,045,190
A, 5.5%, 9/15/2024	1,220,000	1,194,075
Georgia, Medical Center Hospital Authority Revenue, Anticipation	1,220,000	1,194,073
Certificates, Columbus Regional Healthcare System, 6.5%,		
8/1/2038, INS: AGC	1,000,000	1,095,000
0/1/2000, 110. /10C	1,000,000	1,073,000
		7,685,448
Guam 2.2%		
Guam, Government General Obligation, Series A, 7.0%,	1 000 000	1 022 500
11/15/2039 Guerry Government Weterworks Authority, Weter & Westewater	1,000,000	1,032,500
Guam, Government Waterworks Authority, Water & Wastewater System Revenue, 6.0%, 7/1/2025	1,000,000	1,003,630
Guam, Power Authority Revenue, Series A, 5.5%, 10/1/2030	1,000,000	973,460
Gaain, 10 not radiiotity novolido, Solies 11, 5.5 %, 10/11/2050	1,000,000	773,400
		3,009,590

Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., Inc., 6.5%, 7/1/2039, GTY: Hawaiian Electric Co., Inc.	500,000	532,080
Idaho 0.3% Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center, 6.75%, 11/1/2037 Illinois 8.6%	305,000	336,985
Chicago, IL, O'Hare International Airport Revenue, Series B, 6.0%, 1/1/2041	2,000,000	2,173,980
Illinois, Finance Authority Revenue, Elmhurst Memorial Healthcare, Series A, 5.625%, 1/1/2037 Illinois, Finance Authority Revenue, Friendship Village of	3,000,000	2,787,960
Schaumburg, Series A, 5.625%, 2/15/2037 Illinois, Finance Authority Revenue, Park Place of Elmhurst, Series	2,000,000	1,599,480
A, 8.0%, 5/15/2030 Illinois, Finance Authority Revenue, Roosevelt University Project,	1,000,000	974,330
6.5%, 4/1/2044 Illinois, Finance Authority Revenue, The Admiral at Lake Project,	1,000,000	1,040,680
Series A, 8.0%, 5/15/2040 Illinois, Finance Authority Revenue, Three Crowns Park Plaza,	1,000,000	1,008,520
Series A, 5.875%, 2/15/2038	1,000,000	887,120
Illinois, Railsplitter Tobacco Settlement Authority, 6.0%, 6/1/2028 Illinois, Upper River Valley Development Authority, Solid Waste Disposal Revenue, Waste Recovery Project, AMT, 5.9%, 2/1/2014,	365,000	374,165
GTY: GreenGold Ray Energies, Inc. University Park, IL, Sales & Special Tax Revenue, Governors	630,000	640,634
Gateway Industrial Park, 8.5%, 12/1/2011	225,000	226,022
Indiana 1.1%		11,712,891
Indiana, Finance Authority Hospital Revenue, Deaconess Hospital Obligation, Series A, 6.75%, 3/1/2039 Vigo County, IN, Hospital Authority Revenue, Union Hospital,	525,000	574,665
Inc., 144A, 5.7%, 9/1/2037	1,000,000	887,490
Iowa 1.4%		1,462,155
Cedar Rapids, IA, First Mortgage Revenue, Cottage Grove Place, Series A, 5.875%, 7/1/2028	1,670,000	1,061,736
Iowa, Finance Authority Retirement Community Revenue, Edgewater LLC Project, 6.5%, 11/15/2027	1,000,000	865,750
		1,927,486
Kansas 1.1% Lenexa, KS, Health Care Facility Revenue, Lakeview Village, Inc. Project, 7.25%, 5/15/2039	300,000	283,599
Wyandotte County, KS, Unified Government Special Obligation	1.160.000	1 000 700
Revenue, Sales Tax, Series B, 5.0%, 12/1/2020	1,160,000	1,200,728
Kentucky 4.4%		1,484,327

Kentucky, Economic Development Finance Authority, Health System Revenue, Norton Healthcare, Series A, 6.625%, 10/1/2028 Kentucky, Economic Development Finance Authority, Hospital	215,000	215,215
Facilities Revenue, Owensboro Medical Health Systems, Series A, 6.5%, 3/1/2045	2,000,000	2,045,220
Kentucky, Economic Development Finance Authority, Louisville Arena Project Revenue, Series A-1, 6.0%, 12/1/2033, INS: AGC Louisville & Jefferson County, KY, Metropolitan Government	365,000	386,732
Health Systems Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030	3,425,000	3,294,473
Louisiana 4.2%		5,941,640
Louisiana, Local Government Environmental Facilities,		
Community Development Authority Revenue, 6.75%, 11/1/2032	1,000,000	1,030,610
Louisiana, St. John Baptist Parish Revenue, Marathon Oil Corp.,	1 500 000	1 420 920
Series A, 5.125%, 6/1/2037 Morehouse Parish, LA, Pollution Control Revenue, International	1,500,000	1,430,820
Paper Co. Project, Series A, 5.25%, 11/15/2013	3,000,000	3,203,820
Maine 0.7%		5,665,250
Maine, Health & Higher Educational Facilities Authority Revenue,		
Maine General Medical Center, 6.75%, 7/1/2036	1,000,000	1,005,580
Maryland 4.4%		
Maryland, Economic Development Corp., Pollution Control		
Revenue, Potomac Electric Power Co., 6.2%, 9/1/2022	1,500,000	1,780,350
Maryland, State Economic Development Corp. Revenue, Senior Lien Project, Chesapeake Bay:		
Series A, 5.0%, 12/1/2031	1,000,000	616,950
Series B, 5.25%, 12/1/2031	1,000,000	647,970
Maryland, State Health & Higher Educational Facilities Authority	1,000,000	0.7,570
Revenue, Anne Arundel Health Systems, Series A, 6.75%, 7/1/2039	500,000	561,260
Maryland, State Health & Higher Educational Facilities Authority		
Revenue, Washington County Hospital:		
5.75%, 1/1/2033	1,000,000	999,910
6.0%, 1/1/2028	1,385,000	1,419,265
Massachusetts 6.3%		6,025,705
Massachusetts, Development Finance Agency, Senior Living		
Facility Revenue, Groves-Lincoln:		
Series A, 7.75%, 6/1/2039	250,000	252,485
Series A, 7.875%, 6/1/2044	250,000	253,605
Massachusetts, Hospital & Healthcare Revenue, Health &		
Educational Facilities Authority, Civic Investments, Series A,		
Prerefunded, 9.0%, 12/15/2015, GTY: Harvard Pilgrim Health	1 400 000	1 544 000
Care, Inc. Massachusetts, Industrial Development Revenue, Development	1,400,000	1,544,088
Finance Agency, Series A, 7.1%, 7/1/2032	1,760,000	1,534,843
Massachusetts, Project Revenue, Health & Educational Facilities	1,700,000	1,55 1,0 15
Authority, Jordan Hospital, Series E, 6.75%, 10/1/2033	1,790,000	1,756,670

Massachusetta Stata Davidanment Einenea Ageney Davenus		
Massachusetts, State Development Finance Agency Revenue, Linden Ponds, Inc. Facility, Series A, 5.75%, 11/15/2035 Massachusetts, State General Obligation, Series B, 0.14% **,	2,700,000	1,506,735
3/1/2026, SPA: Bank of America NA	400,000	400,000
Massachusetts, State Health & Educational Facilities Authority Revenue, Amherst College, Series J-1, 0.17% **, 11/1/2035 Massachusetts, State Health & Educational Facilities Authority Revenue, Milford Regional Medical Center, Series E, 5.0%,	395,000	395,000
7/15/2037 Massachusetts, State Health & Educational Facilities Authority	950,000	802,864
Revenue, Partners Healthcare Systems, Series C, 5.75%, 7/1/2032	35,000	35,340
		0 401 620
Michigan 5.2%		8,481,630
Kalamazoo, MI, Economic Development Corp. Revenue, Limited		
Obligation, Heritage Community, 5.5%, 5/15/2036	1,000,000	775,540
Kentwood, MI, Economic Development, Limited Obligation,		
Holland Home, Series A, 5.375%, 11/15/2036	2,000,000	1,609,460
Michigan, State Building Authority Revenue, Facilities Program,		
Series I-A, 5.5%, 10/15/2045	2,000,000	2,076,940
Royal Oak, MI, Hospital Finance Authority Revenue, William	1 000 000	1 162 690
Beaumont Hospital, 8.25%, 9/1/2039 Tawas City, MI, Hospital Finance Authority, St. Joseph Health	1,000,000	1,163,680
Services:		
Series A, ETM, 5.6%, 2/15/2013	100,000	102,656
Series A, ETM, 5.75%, 2/15/2023	1,300,000	1,305,772
		7,034,048
Minnesota 0.8%		
Minneapolis, MN, Health Care Systems Revenue, Fairview Health	1 000 000	1 107 040
Services, Series A, 6.75%, 11/15/2032	1,000,000	1,107,240
Mississippi 1.3% Lowndes County, MS, Solid Waste Disposal & Pollution Control		
Revenue, Weyerhaeuser Co. Project, Series A, 6.8%, 4/1/2022	250,000	266,615
Mississippi, Business Finance Corp., Pollution Control Revenue,	230,000	200,013
Systems Energy Resources, Inc. Project, 5.875%, 4/1/2022	1,000,000	999,900
Warren County, MS, Gulf Opportunity, International Paper Co.,	, ,	,
Series A, 6.5%, 9/1/2032	435,000	462,379
M: '2.20		1,728,894
Missouri 2.2% Kirkwood, MO, Industrial Davalanment Authority, Patirament		
Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%,		
5/15/2015	825,000	826,023
Missouri, State Health & Educational Facilities Authority Revenue,	,	,-
Lutheran Senior Services, Series C, 5.0%, 2/1/2042	2,000,000	1,714,340
St. Louis, MO, Lambert-St. Louis International Airport Revenue,		
Series A-1, 6.625%, 7/1/2034	415,000	445,988
		2.006.251
V 1.5.00		2,986,351

Clark County, NV, School District, Series A, 5.0%, 6/15/2022, INS:	5 1 40 000	5 (02 204
FGIC, NATL Henderson, NV, Health Care Facility Revenue, Catholic Healthcare	5,140,000	5,602,394
West, Series B, 5.25%, 7/1/2031	2,000,000	2,006,820
Nevada, Director State Department of Business & Industry, Las Vegas Monorail Project, Second Tier, 7.375%, 1/1/2030 *	2,000,000	3,000
		7,612,214
New Hampshire 2.3% 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%,	1,500,000	1,293,510
5/1/2027	1,750,000	1,765,558
		3,059,068
New Jersey 3.3%		
New Jersey, Economic Development Authority Revenue, Cigarette Tax, 5.75%, 6/15/2034	290,000	270,480
New Jersey, Health Care Facilities Financing Authority Revenue,		
St. Joseph's Health Care System, 6.625%, 7/1/2038 New Jersey, Tobacco Settlement Financing Corp., Series 1-A,	1,430,000	1,406,062
4.75%, 6/1/2034	4,280,000	2,829,380
		4,505,922
New York 10.0%		
Nassau County, NY, Project Revenue, North Shore Healthcare Systems Project, Series B, 5.875%, 11/1/2011	130,000	130,701
New York & New Jersey Port Authority, One Hundred	0.260.000	0.620.726
Forty-Seventh, AMT, 5.0%, 10/15/2023, INS: FGIC, NATL New York & New Jersey Port Authority, Special Obligation	8,260,000	8,628,726
Revenue, JFK International Air Terminal LLC, 6.0%, 12/1/2042	680,000	691,410
New York City, NY, Industrial Development Agency Revenue, Liberty-7, World Trade Center, Series A, 6.25%, 3/1/2015	2,000,000	2,007,840
New York City, NY, Industrial Development Agency, Special	2,000,000	2,007,040
Facility Revenue, American Airlines, JFK International Airport, AMT, 8.0%, 8/1/2028, GTY: AMR Corp.	2,000,000	2,047,600
71471, 0.0 %, 0/1/2020, 01 1. 74471¢ Colp.	2,000,000	2,047,000
North Carolina 1.6%		13,506,277
North Carolina, Electric Revenue, Municipal Power Agency, Series		
C, 5.375%, 1/1/2017	1,000,000	1,045,370
North Carolina, Medical Care Commission, Health Care Facilities Revenue, University Health Systems, Series D, 6.25%, 12/1/2033	1,000,000	1,097,430
Revenue, University Health Systems, Series D, 6.23 %, 12/11/2033	1,000,000	1,077,430
Ponneylyonia 2 0%		2,142,800
Pennsylvania 3.0% Butler County, PA, Hospital Authority Revenue, Butler Health		
Systems Project, 7.25%, 7/1/2039	2,000,000	2,188,180
Montgomery County, PA, Industrial Development Authority Payonya, Whitemarch Continuing Care, 6.25%, 2/1/2025	600,000	502 020
Revenue, Whitemarsh Continuing Care, 6.25%, 2/1/2035	600,000	502,830

Philadelphia, Redevelopment Authority Revenue, First Lien Mortgage, Series A, 6.5%, 1/1/2029 Westmoreland County, PA, Industrial Development Authority	557,900	558,530
Revenue, Retirement Community-Redstone, Series A, 5.875%, 1/1/2032	1,000,000	867,670
Puerto Rico 8.2% Commonwealth of Puerto Rico, Aqueduct & Sewer Authority		4,117,210
Revenue, Series A, 6.0%, 7/1/2038 Commonwealth of Puerto Rico, Highway & Transportation	4,000,000	4,015,160
Authority Revenue, Series L, 5.25%, 7/1/2038, INS: AMBAC Puerto Rico, Public Buildings Authority Revenue, Series Q,	1,300,000	1,197,404
5.625%, 7/1/2039 Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue:	1,000,000	977,910
Series A, 5.375%, 8/1/2039 Series A, 6.5%, 8/1/2044 Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue,	1,000,000 2,000,000	1,008,710 2,189,940
Convertible Capital Appreciation, Series A, Step-up Coupon, 0% to 8/1/2016, 6.75% to 8/1/2032	2,000,000	1,722,860
South Carolina 1.9%		11,111,984
Hardeeville, SC, Assessment Revenue, Anderson Tract Municipal Improvement District, Series A, 7.75%, 11/1/2039	983,000	819,094
South Carolina, Jobs Economic Development Authority Revenue, Bon Secours Health System, Series B, 5.625%, 11/15/2030 South Carolina, Jobs Economic Development Authority, Hospital	1,585,000	1,585,301
Facilities Revenue, Palmetto Health Alliance, Series C, Prerefunded, 7.0%, 8/1/2030	170,000	191,303
South Dakota 1.5%		2,595,698
South Dakota, Hospital & Healthcare Revenue, Sioux Valley Hospital, Series E, 5.375%, 11/1/2024 Tennessee 3.2%	2,000,000	2,062,360
Clarksville, TN, Natural Gas Acquisition Corp., Gas Revenue: 5.0%, 12/15/2017 5.0%, 12/15/2018 Johnson City, TN, Health & Educational Facilities Board Hospital Payonya Mountain States Health Alliance, Series A. 7.75%	500,000 540,000	515,535 542,268
Revenue, Mountain States Health Alliance, Series A, 7.75%, 7/1/2038 Johnson City, TN, Hospital & Healthcare Revenue, Health &	1,000,000	1,133,530
Educational Facilities Board Hospital, Series A, Prerefunded, 7.5%, 7/1/2033	2,000,000	2,153,700
Texas 13.3%		4,345,033
Abilene, TX, Senior Care Revenue, Health Facilities Development, Sears Methodist Retirement Facilities, Series A, 5.9%, 11/15/2025	2,500,000 1,960,000	2,005,500 1,100,266

Environmental Health, Dow Chemical Co. Project: Series B-2, 4.95%, 5/15/2033 Series A-3, AMT, 5.125%, 5/15/2033 Central Texas, Regional Mobility Authority Revenue, Senior Lien, 6.0%, 1/1/2041 S45,000 S23,832 Houston, TX, Transportation/Tolls Revenue, Special Facilities, Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029 Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Series A-3, AMT, 5.125%, 5/15/2033 Central Texas, Regional Mobility Authority Revenue, Senior Lien, 6.0%, 1/1/2041 Houston, TX, Transportation/Tolls Revenue, Special Facilities, Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029 Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
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Houston, TX, Transportation/Tolls Revenue, Special Facilities, Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029 Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Continental Airlines, Inc., Series E, AMT, 6.75%, 7/1/2029 Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Matagorda County, TX, Navigation District No. 1, Pollution Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Control Revenue, AEP Texas Central Co. Project, Series A, 4.4%, 5/1/2030, INS: AMBAC 2,250,000 2,073,397 North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 2,000,000 2,032,140 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC 1,000,000 861,130 Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 1,000,000 1,007,780 Texas, Industrial Development Revenue, Waste Disposal Authority,
5/1/2030, INS: AMBAC North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
North Texas, Tollway Authority Revenue, Toll Second Tier, Series F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
F, 5.75%, 1/1/2033 San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
San Antonio, TX, Convention Center Hotel Finance Corp., Contract Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Revenue, Empowerment Zone, Series A, AMT, 5.0%, 7/15/2039, INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
INS: AMBAC Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,
Tarrant County, TX, Cultural Education Facilities Finance Corp., Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority, 1,000,000 1,007,780
Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 1,000,000 1,007,780 Texas, Industrial Development Revenue, Waste Disposal Authority,
Texas, Industrial Development Revenue, Waste Disposal Authority,
Series A, AMT, 6.1%, 8/1/2024 1,000,000 1,012,650
Texas, Love Field Airport Modernization Corp., Special Facilities
Revenue, Southwest Airlines Co. Project, 5.25%, 11/1/2040 1,055,000 994,928
Texas, SA Energy Acquisition Public Facility Corp., Gas Supply
Revenue, 5.5%, 8/1/2020 2,000,000 2,066,380
Travis County, TX, Health Facilities Development Corp. Revenue,
Westminster Manor Health, 7.125%, 11/1/2040 510,000 519,017
18,094,270
Virgin Islands 2.2%
Virgin Islands, Sales & Special Tax Revenue, Public Finance
Authority, Series A, 6.375%, 10/1/2019 3,000,000 3,006,030
Virginia 1.1%
Washington County, VA, Industrial Development Authority,
Hospital Facility Revenue, Mountain States Health Alliance, Series
Washington 1.9%
Washington, State Health Care Facilities Authority Revenue, Series
C, 5.375%, 8/15/2028, INS: Radian 595,000 581,083
Washington, State Health Care Facilities Authority Revenue,
Virginia Mason Medical Center, Series A, 6.125%, 8/15/2037 2,000,000 1,990,920
2,572,003
Wisconsin 3.7%
Wisconsin, Hospital & Healthcare Revenue, Health & Educational
Facilities Authority, Aurora Health Care, Inc., 6.875%, 4/15/2030 1,000,000 1,032,100
Wisconsin, State Health & Educational Facilities Authority
Revenue, Aurora Health Care, Inc., Series A, 5.6%, 2/15/2029 1,000,000 1,000,230
Wisconsin, State Health & Educational Facilities Authority 1,110,000 1,191,807
Revenue, Prohealth Care, Inc. Obligation Group, 6.625%,

2/15/2039					
Wisconsin, State Health & Educational Facil	lities Authority				
Revenue, Thedacare, Inc., Series A, 5.5%, 12/15/2038			1,765,000	1,794,193	
				5,018,330	
				3,010,330	
Total Municipal Bonds and Notes (Cost \$18'	7,108,822)			195,686,963	
Municipal Inverse Floating Rate	Notes (b) 12.6%				
California 3.2%					
San Diego County, CA, Water Authority Rev			2 121 212		
Participation, Series 2008-A, 5.0%, 5/1/2027 San Diego County, CA, Water Authority Rev			2,121,349	2,273,398	
Participation, Series 2008-A, 5.0%, 5/1/2028			1,930,312	2,068,668	
Trust: San Diego County, CA, V			1,750,512	2,000,000	
Improvements, Certificates of Pa					
2008-1104, 144A, 9.203%, 5/1/2	2027, Leverage Factor				
at purchase date: 2 to 1					
				4,342,066	
New York 4.6%				.,5 .2,000	
New York, State Dormitory Authority, State	Personal Income Tax				
Revenue, Series A, 5.0%, 3/15/2023 (c)			5,535,000	6,224,689	
Trust: New York, State Dormito	•				
Secondary Issues, Series 1955-2 3/15/2023, Leverage Factor at pr					
Tennessee 4.8%	urenase date. 4 to 1				
Nashville & Davidson County, TN, Metropo					
5.0%, 1/1/2024 (c)			5,918,585	6,620,223	
Trust: Nashville & Davidson Co					
Government, Series 2631-1, 144A, 17.866%, 1/1/2024, Leverage Factor at purchase date: 4 to 1					
Leverage Pactor at purchase date	2. 4 10 1				
Total Municipal Inverse Floating Rate Notes	(Cost \$15,901,472)			17,186,978	
		% of			
		Net Assets		Value (\$)	
Total Investment Portfolio (Cost					
\$203,010,294) †	156.7			212,873,941	
Other Assets and Liabilities, Net Preferred Shares, at Redemption Value	(5.2) (51.5)			(7,058,408) (70,000,000)	
Treferred Shares, at redemption value	(31.3)			(70,000,000)	
Net Assets Applicable to Common					
Shareholders	100.0			135,815,533	

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:

Security Mashantucket, CT,	Coupon	1	Maturity Date	Principal Amount (\$)	Acquisition Cost (\$)	Value (\$)
Mashantucket Western Pequot Tribe, Special Revenue, Series A, 144A* Mashantucket, CT, Sports Expo & Entertainment	6.5	%	9/1/2031	705,000	735,378	233,397
Revenue, Mashantucket Western Pequot Tribe, Series B, 144A* Mashantucket, CT, Sports Expo & Entertainment	0.0	%	9/1/2017	2,000,000	930,679	451,600
Revenue, Mashantucket Western Pequot Tribe, Series B, 144A* Nevada, Director State Department of Business &	0.0	%	9/1/2018	1,000,000	436,601	212,720
Industry, Las Vegas Monorail Project, Second Tier* Austin, TX, Austin-Bergstrom Landhost	7.375	%	1/1/2030	2,000,000	1,933,273	3,000
Enterprises, Inc., Airport Hotel Project, Series A (a)	3.375	%	4/1/2027	1,960,000	1,960,000 5,995,931	1,100,266 2,000,983
* ** †		Non-income producing security. In the case of a bond, generally denotes that the issuer has defaulted on the payment of principal or interest. 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, 2011. The cost for federal income tax purposes was \$202,184,878. At August 31, 2011, net unrealized appreciation for all securities based on tax cost was \$10,689,063. This consisted of aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost of \$18,115,539 and aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value of \$7,426,476.				
(a)		Partial interest paying security. The rate shown represents 50% of the original coupon rate.				
(b)		Securities represent the underlying municipal obligations of inverse floating rate obligations held by the Fund.				
(c)		Security	y forms part of th	e below tender op to account the lev		Principal Amount

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 US 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

NATL: National Public Finance Guarantee Corp.

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.

Radian: Radian Asset Assurance, Inc. SPA: Standby Bond Repurchase 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, 2011 in valuing the Fund's investments.

	Level 1	Level 2	Level 3	Total
Assets				
Municipal Investments(d)	\$—	\$212,873,941	\$—	\$212,873,941
Total	\$—	\$212,873,941	\$ —	\$212,873,941

There have been no transfers between Level 1 and Level 2 fair value measurements during the period ended August 31, 2011.

(d) 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: W. Douglas Beck

/s/W. Douglas Beck

President

Date: October 24, 2011

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, 2011

By: /s/Paul Schubert

Paul Schubert

Chief Financial Officer and Treasurer

Date: October 24, 2011