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

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	

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
California 13.5%		3,350,808
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 California, Morongo Band of Mission Indians, Enterprise Casino	1,310,000	1,615,492
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	1,423,000	1,307,737
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	655,000	664.241
Road Project, 7.2%, 9/2/2015	655,000	664,341
		19,514,686
Colorado 0.5%		
Colorado, Public Energy Authority, Natural Gas Purchased	(25,000	710 445
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	2,000,000	<b>2</b> ,00 <b>2</b> ,100
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

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 Florida, Tolomato Community Development District, Special	1,000,000	970,740
Assessment: 5.4%, 5/1/2037 6.55%, 5/1/2027 Hillsborough County, FL, Industrial Development Authority	1,915,000 850,000	1,556,780 681,130
Revenue, Health Facilities, University Community Hospital, Series A, 5.625%, 8/15/2029  Miami Beach, FL, Health Facilities Authority Hospital Revenue,	1,875,000	1,895,906
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 Georgia, Main Street Natural Gas, Inc., Gas Project Revenue, Series	1,000,000	1,069,130
A, 5.5%, 9/15/2024 Georgia, Medical Center Hospital Authority Revenue, Anticipation	1,220,000	1,300,044
Certificates, Columbus Regional Healthcare System, 6.5%, 8/1/2038 (a)	1,000,000	1,137,270
Guam 2.2%		8,042,549
Guam, Government General Obligation, Series A, 7.0%, 11/15/2039 Guam, Government Waterworks Authority, Water & Wastewater	1,000,000	1,119,920
System Revenue, 6.0%, 7/1/2025 Guam, Power Authority Revenue, Series A, 5.5%, 10/1/2030	1,000,000 1,000,000	1,030,490 1,010,050
11 " 0 40		3,160,460
Hawaii 0.4% Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., 6.5%, 7/1/2039 Idaho 0.2%	500,000	557,140

Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center, 6.75%, 11/1/2037 Illinois 6.2%	305,000	346,974
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 Illinois, Finance Authority Revenue, Park Place of Elmhurst, Series	2,000,000	1,674,260
A, 8.0%, 5/15/2030 Illinois, Finance Authority Revenue, Roosevelt University Project,	1,000,000	1,001,140
6.5%, 4/1/2044 Illinois, Finance Authority Revenue, Three Crowns Park Plaza,	1,000,000	1,071,420
Series A, 5.875%, 2/15/2038 Illinois, Upper River Valley Development Authority, Solid Waste	1,000,000	954,820
Disposal Revenue, Waste Recovery Project, AMT, 5.9%, 2/1/2014 University Park, IL, Sales & Special Tax Revenue, Governors	820,000	801,296
Gateway Industrial Park, 8.5%, 12/1/2011	430,000	431,737
T. II		8,895,853
Indiana 1.1% 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	585,296
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 Lake City, IA, Senior Care Revenue, Health Care Facility,	1,000,000	1,001,010
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 Wind atta County, KS, Unified County and Special Obligation	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 Kentucky, Economic Development Finance Authority, Hospital	215,000	217,458
Facilities Revenue, Owensboro Medical Health Systems, Series A, 6.5%, 3/1/2045	1,000,000	1,077,710
	365,000	402,091

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
Louisiana 4.0%		5,179,559
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	1,049,290
Series A, 5.125%, 6/1/2037 Morehouse Parish, LA, Pollution Control Revenue, International	1,500,000	1,502,925
Paper Co. Project, Series A, 5.25%, 11/15/2013	3,000,000	3,259,260
Maryland 4.4%		5,811,475
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:	1,500,000	1,702,193
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 Maryland, State Health & Higher Educational Facilities Authority	500,000	581,615
Revenue, Washington County Hospital:	1 000 000	1 020 420
5.75%, 1/1/2033	1,000,000	1,029,420
6.0%, 1/1/2028	1,385,000	1,470,787
Massachusetts 6.0%		6,397,047
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,	1,500,000	1 747 770
Prerefunded, 9.0%, 12/15/2015  Massachusetts, Industrial Development Revenue, Development	1,300,000	1,747,770
Finance Agency, Series A, 7.1%, 7/1/2032	1,800,000	1,651,014
Massachusetts, Project Revenue, Health & Educational Facilities	1,000,000	1,031,014
Authority, Jordan Hospital, Series E, 6.75%, 10/1/2033	1,790,000	1,801,939
Massachusetts, State Development Finance Agency Revenue,	1,750,000	1,001,202
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
		0.6== 0.5=

8,657,866

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	1 727 260
Royal Oak, MI, Hospital Finance Authority Revenue, William	2,000,000	1,727,360
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, 5.0%, 2/15/2013 Series A, ETM, 5.75%, 2/15/2023	1,300,000	1,305,226
Series 11, 11111, 5.75 %, 2/15/2025	1,500,000	1,505,220
		6,263,665
Minnesota 0.8%		
Minneapolis, MN, Health Care Systems Revenue, Fairview Health	1 000 000	1 155 000
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%		1,764,807
Missouri 2.3% Branson, MO, Regional Airport Transportation Development		1,764,807
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037	250,000	1,764,807 143,665
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement	250,000	
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%,		143,665
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015	250,000 825,000	
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue,	825,000	143,665 830,635
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042		143,665
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue,	825,000	143,665 830,635
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue,	825,000 2,000,000	143,665 830,635 1,815,220 453,196
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034	825,000 2,000,000	143,665 830,635 1,815,220
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4%	825,000 2,000,000	143,665 830,635 1,815,220 453,196
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada	825,000 2,000,000 415,000	143,665 830,635 1,815,220 453,196 3,242,716
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030	825,000 2,000,000 415,000 1,665,000	143,665 830,635 1,815,220 453,196 3,242,716
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada	825,000 2,000,000 415,000	143,665 830,635 1,815,220 453,196 3,242,716
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030 Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a)	825,000 2,000,000 415,000 1,665,000	143,665 830,635 1,815,220 453,196 3,242,716
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030 Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a) Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031 Nevada, Director State Department of Business & Industry, Las	825,000 2,000,000 415,000 1,665,000 6,140,000 2,000,000	143,665 830,635 1,815,220 453,196 3,242,716 1,664,867 6,987,443 2,056,460
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030 Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a) Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031	825,000 2,000,000 415,000 1,665,000 6,140,000	143,665 830,635 1,815,220 453,196 3,242,716 1,664,867 6,987,443
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030 Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a) Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031 Nevada, Director State Department of Business & Industry, Las	825,000 2,000,000 415,000 1,665,000 6,140,000 2,000,000	143,665 830,635 1,815,220 453,196 3,242,716 1,664,867 6,987,443 2,056,460 4,000
Branson, MO, Regional Airport Transportation Development District, Airport Revenue, Series B, AMT, 6.0%, 7/1/2037 Kirkwood, MO, Industrial Development Authority, Retirement Community Revenue, Aberdeen Heights, Series C-3, 6.5%, 5/15/2015 Missouri, State Health & Educational Facilities Authority Revenue, Lutheran Senior Services, Series C, 5.0%, 2/1/2042 St. Louis, MO, Lambert-St. Louis International Airport Revenue, Series A-1, 6.625%, 7/1/2034  Nevada 7.4% Clark County, NV, Industrial Development Revenue, Nevada Power Co. Project, Series B, AMT, 5.9%, 10/1/2030 Clark County, NV, School District, Series A, 5.0%, 6/15/2022 (a) Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031 Nevada, Director State Department of Business & Industry, Las	825,000 2,000,000 415,000 1,665,000 6,140,000 2,000,000	143,665 830,635 1,815,220 453,196 3,242,716 1,664,867 6,987,443 2,056,460

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
New Jersey 1.3%		3,160,110
New Jersey, Economic Development Authority Revenue, Cigarette Tax, 5.75%, 6/15/2034  New Jersey, Health Care Facilities Financing Authority Revenue,	290,000	287,004
St. Joseph's Health Care System, 6.625%, 7/1/2038	1,430,000	1,515,271
New York 9.2%		1,802,275
Nassau County, NY, Project Revenue, North Shore Healthcare Systems Project, Series B, 5.875%, 11/1/2011 New York & New Jersey Port Authority, One Hundred	250,000	255,450
Forty-Seventh, AMT, 5.0%, 10/15/2023 (a) New York City, NY, Industrial Development Agency Revenue,	8,260,000	8,832,666
Liberty-7, World Trade Center, Series A, 6.25%, 3/1/2015  New York City, NY, Industrial Development Agency, Special  Facility Revenue, American Airlines, JFK International Airport,	2,000,000	2,007,300
AMT, 8.0%, 8/1/2028	2,000,000	2,134,640
North Carolina 1.5%		13,230,056
North Carolina, Electric Revenue, Municipal Power Agency, Series C, 5.375%, 1/1/2017  North Carolina, Medical Care Commission, Health Care Facilities	1,000,000	1,088,750
Revenue, University Health Systems, Series D, 6.25%, 12/1/2033	1,000,000	1,112,930
Ohio 4.2%		2,201,680
Buckeye, OH, Tobacco Settlement Financing Authority, Series A-2, 5.875%, 6/1/2030 Pennsylvania 3.5%	7,350,000	5,992,308
Butler County, PA, Hospital Authority Revenue, Butler Health Systems Project, 7.25%, 7/1/2039 Montgomery County, PA, Industrial Development Authority	2,000,000	2,319,540
Revenue, Whitemarsh Continuing Care, 6.25%, 2/1/2035 Pennsylvania, Hospital & Healthcare Revenue, Economic	600,000	511,440
Development Financing Authority, UPMC Health System, Series A, Prerefunded, 6.0%, 1/15/2031 Philadelphia, Redevelopment Authority Revenue, First Lien	750,000	773,580
Mortgage, Series A, 6.5%, 1/1/2029 Westmoreland County, PA, Industrial Development Authority Revenue, Retirement Community-Redstone, Series A, 5.875%,	581,800	582,597
1/1/2032	1,000,000	892,410

5,079,567

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  Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue,	2,000,000	2,275,300
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 South Carolina, Jobs Economic Development Authority Revenue,	983,000	856,763
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	1,613,594
Prerefunded, 7.0%, 8/1/2030	170,000	200,979
South Dakata 1 50/		2,671,336
South Dakota 1.5% South Dakota, Hospital & Healthcare Revenue, Sioux Valley		
Hospital, Series E, 5.375%, 11/1/2024 Tennessee 3.1%	2,000,000	2,084,040
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 Johnson City, TN, Hospital & Healthcare Revenue, Health &	1,000,000	1,162,490
Educational Facilities Board Hospital, Series A, Prerefunded, 7.5%,		
7/1/2033	2,000,000	2,256,980
Texas 12.0%		4,518,784
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	1.060.000	1 211 000
Hotel Project, Series A, 4.388%, 4/1/2027 (b) Brazos River, TX, Harbor Navigation District, Brazoria County	1,960,000	1,211,809
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

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) Tarrant County, TX, Cultural Education Facilities Finance Corp.,	1,000,000	939,680
Retirement Facility, Mirador Project, Series A, 8.25%, 11/15/2044 Texas, Industrial Development Revenue, Waste Disposal Authority,	1,000,000	1,054,820
Series A, AMT, 6.1%, 8/1/2024 Texas, SA Energy Acquisition Public Facility Corp., Gas Supply	1,000,000	1,016,530
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
Virgin Islands 2.1%		17,242,344
Virgin Islands, Sales & Special Tax Revenue, Public Finance Authority, Series A, 6.375%, 10/1/2019 Virginia 1.1%	3,000,000	3,037,140
Washington County, VA, Industrial Development Authority, Hospital Facility Revenue, Mountain States Health Alliance, Series C, 7.75%, 7/1/2038 Washington 1.9%	1,370,000	1,598,639
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
West Virginia 0.3%		2,698,166
West Virginia, Hospital Finance Authority Revenue, Charleston		
Medical Center, Prerefunded, 6.75%, 9/1/2022 Wisconsin 3.6%	390,000	393,900
Wisconsin, Hospital & Healthcare Revenue, Health & Educational Facilities Authority, Aurora Health Care, Inc., 6.875%, 4/15/2030 Wisconsin, State Health & Educational Facilities Authority	1,000,000	1,045,969
Revenue, Aurora Health Care, Inc., Series A, 5.6%, 2/15/2029 Wisconsin, State Health & Educational Facilities Authority	1,040,000	1,040,239
Revenue, Prohealth Care, Inc. Obligation Group, 6.625%, 2/15/2039 Wisconsin, State Health & Educational Facilities Authority	1,110,000	1,233,921
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%

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

			Maturity	Principal	Acquisition	
Security	Coupon	1	Date	Amount (\$)	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
Insurance Coverage	Portfolio
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.

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)	<b>\$</b> —	\$222,189,685	<b>\$</b> —	\$222,189,685
Total	<b>\$</b> —	\$222,189,685	<b>\$</b> —	\$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

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