

Gentium S.p.A.
Form 6-K
December 05, 2005

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of December, 2005.

Commission File Number 000-51341

Gentium S.p.A.

(Translation of registrant's name into English)

Piazza XX Settembre 2, 22079 Villa Guardia (Como), Italy

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

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Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's home country), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

82- .

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A description of an event affecting the Registrant is set forth in the Registrant's press release dated November 29, 2005, attached hereto as Exhibit Number 1, which is incorporated by reference herein in its entirety.

Exhibit	Description
1	Press release, dated November 29, 2005.

2

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

		GENTIUM S.P.A.	
		By:	/s/ Cary Grossman
		Name:	Cary Grossman
		Title:	Executive Vice President and Chief Financial Officer

Date: December 5, 2005

INDEX TO EXHIBITS

Exhibit	Description
1	Press release, dated November 29, 2005.

4

padding-bottom: 1pt; padding-left: 0.2in; text-indent: -0.2in"> Series A, 5.5%, 9/15/2028, GTY: Merrill Lynch & Co., Inc. 10,000,000 13,114,300 Georgia, Medical Center Hospital Authority Revenue, Anticipation Certificates, Columbus Regional Healthcare Systems, 6.5%, 8/1/2038, INS: AGC 3,300,000 3,625,743 Georgia, Municipal Electric Authority Revenue, Project One, Series A, 5.0%, 1/1/2035 1,010,000 1,217,393 44,536,253 Guam 0.1% Guam, International Airport Authority Revenue, Series C, AMT, 6.375%, 10/1/2043 535,000 **653,636** Hawaii 1.4% Hawaii, State Airports Systems Revenue: Series A, 5.0%, 7/1/2039 4,200,000 4,736,340 Series A, AMT, 5.0%, 7/1/2041 1,490,000 1,757,679 Hawaii, State Department of Budget & Finance, Special Purpose Revenue, Hawaiian Electric Co., Inc., 6.5%, 7/1/2039, GTY: Sisters of Charity Health System 1,000,000 1,132,610 7,626,629 Idaho 1.0% Idaho, Health Facilities Authority Revenue, St. Luke's Regional Medical Center: 5.0%, 7/1/2035, INS: AGMC 2,500,000 2,810,800 6.75%, 11/1/2037 2,135,000 2,387,635 5,198,435 Illinois 8.7% Chicago, IL, Airport Revenue, O'Hare International Airport: Series A, 5.75%, 1/1/2039 5,000,000 5,851,500 Series B, 6.0%, 1/1/2041 9,000,000 10,738,800 Illinois, Finance Authority Revenue, Advocate Health Care Network, Series D, Prerefunded, 6.5%, 11/1/2038 1,000,000 1,126,230 Illinois, Finance Authority Revenue, Memorial Health Systems, 5.5%, 4/1/2039 4,200,000 4,605,006 Illinois, Finance Authority Revenue, Northwest Community Hospital, Series A, Prerefunded, 5.5%, 7/1/2038 5,750,000 6,257,898 Illinois, Metropolitan Pier & Exposition Authority, Dedicated State Tax Revenue, Series A, Zero Coupon, 12/15/2034, INS: NATL 7,000,000 3,469,410 Illinois, Railsplitter Tobacco Settlement Authority, 6.0%, 6/1/2028 915,000 1,095,868 Illinois, State Finance Authority Revenue, Advocate Health Care Network: Series B, 5.375%, 4/1/2044 1,320,000 1,448,053 Series B, Prerefunded, 5.375%, 4/1/2044 1,180,000 1,321,305 Illinois, State Finance Authority Revenue, Ascension Health Credit Group, Series A, 5.0%, 11/15/2032 730,000 850,698 Illinois, State Finance Authority Revenue, OSF Healthcare Systems: Series A, 5.0%, 5/15/2041 1,580,000 1,786,522 Series A, 5.0%, 11/15/2045 1,745,000 2,058,437 Illinois, State Finance Authority Revenue, University of Chicago, Series A, 5.0%, 10/1/2038 4,445,000 5,242,966 Springfield, IL, Electric Revenue, Senior Lien, 5.0%, 3/1/2040, INS: AGMC 970,000 1,146,521 46,999,214 Indiana 2.1% Indiana, Finance Authority Hospital Revenue, Deaconess Hospital Obligation, Series A, Prerefunded, 6.75%, 3/1/2039 1,745,000 2,006,436 Indiana, State Finance Authority Revenue, Community Foundation of Northwest Indiana, 5.0%, 3/1/2041 5,000,000 5,601,750 Indiana, State Municipal Power Agency Revenue, Series A, 5.0%, 1/1/2042 3,230,000 3,917,441 11,525,627 Kentucky 1.7% Kentucky, Economic Development Finance Authority, Louisville Arena Project Revenue, Series A-1, 6.0%, 12/1/2042, INS: AGC 4,000,000 4,286,040 Louisville & Jefferson County, KY, Metropolitan Government Health Systems Revenue, Norton Healthcare, Inc., 5.0%, 10/1/2030 5,000,000 5,020,000 9,306,040 Louisiana 0.9% Louisiana, Public Facilities Authority, Hospital Revenue, Lafayette General Medical Center, 5.5%, 11/1/2040 3,000,000 3,307,260 Louisiana, St. John Baptist Parish Revenue, Marathon Oil Corp., Series A, 5.125%, 6/1/2037 1,440,000 1,474,315 4,781,575 Maryland 0.5% Maryland, State Health & Higher Educational Facilities Authority Revenue, Anne Arundel Health Systems, Series A, Prerefunded, 6.75%, 7/1/2039 1,100,000 1,286,868 Maryland, State Health & Higher Educational Facilities Authority Revenue, Washington County Hospital, Prerefunded, 5.75%, 1/1/2033 1,500,000 1,603,155 2,890,023 Massachusetts 1.3% Massachusetts, State Development Finance Agency Revenue, Northeastern University, Series A, 5.25%, 3/1/2037 2,500,000 3,076,950 Massachusetts, State Health & Educational Facilities Authority Revenue, Suffolk University, Series A, 5.75%, 7/1/2039 3,570,000 3,967,698 7,044,648 Michigan 5.1% Detroit, MI, Water & Sewerage Department, Sewerage Disposal System Revenue, Series A, 5.25%, 7/1/2039 1,120,000 1,284,214 Michigan, State

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Building Authority Revenue, Series I-A, 5.375%, 10/15/2041 7,500,000 8,748,600 Michigan, State Building Authority Revenue, Facilities Program: Series I, 5.0%, 4/15/2038 1,930,000 2,335,339 Series H, 5.125%, 10/15/2033 2,495,000 2,780,278 Series I, 6.0%, 10/15/2038 395,000 437,151 Series I, Prerefunded, 6.0%, 10/15/2038 605,000 673,637 Michigan, State Finance Authority Revenue, Trinity Health Corp., 5.0%, 12/1/2035 665,000 781,920 Michigan, State Hospital Finance Authority Revenue, Henry Ford Health Hospital, 5.75%, 11/15/2039 5,000,000 5,697,950 Royal Oak, MI, Hospital Finance Authority Revenue, William Beaumont Hospital, Prerefunded, 8.25%, 9/1/2039 1,800,000 2,073,402 Wayne County, MI, Airport Authority Revenue, Series F, AMT, 5.0%, 12/1/2034 2,000,000 2,359,860 27,172,351 Minnesota 0.2% Minneapolis, MN, Health Care Systems Revenue, Fairview Health Services, Series A, Prerefunded, 6.75%, 11/15/2032 1,140,000 **1,292,498** Mississippi 0.3% Warren County, MS, Gulf Opportunity Zone, International Paper Co., Series A, 6.5%, 9/1/2032 1,525,000 **1,681,114** Missouri 0.1% Missouri, State Health & Educational Facilities Authority Revenue, Medical Research, Lutheran Senior Services, Series A, 5.0%, 2/1/2046 335,000 **390,051** Nevada 3.9% Clark County, NV, Airport Revenue, Series B, 5.125%, 7/1/2036 4,305,000 4,819,404 Henderson, NV, Health Care Facility Revenue, Catholic Healthcare West, Series B, 5.25%, 7/1/2031 10,000,000 10,296,500 Las Vegas Valley, NV, Water District, Series B, 5.0%, 6/1/2037 4,830,000 5,763,736 20,879,640 New Jersey 1.7% New Jersey, Hospital & Healthcare Revenue, General Hospital Center at Passaic, ETM, 6.75%, 7/1/2019, INS: AGMC 3,190,000 3,517,549 New Jersey, State Economic Development Authority Revenue, The Goethals Bridge Replacement Project, AMT, 5.125%, 7/1/2042, INS: AGMC 1,250,000 1,446,800 New Jersey, State Transportation Trust Fund Authority, Transportation Systems, Series A, 6.0%, 12/15/2038 1,955,000 2,152,162 New Jersey, State Turnpike Authority Revenue, Series E, 5.25%, 1/1/2040 1,750,000 1,908,322 9,024,833 New York 9.2% New York, General Obligation, Series A-4, 0.55% *, 8/1/2038, LOC: Bank of Tokyo-Mitsubishi UFJ 1,000,000 1,000,000 New York, Metropolitan Transportation Authority Revenue: Series C, 5.0%, 11/15/2038 6,000,000 7,132,440 Series D, 5.0%, 11/15/2038 1,090,000 1,310,006 Series C, 5.0%, 11/15/2042 5,000,000 5,929,900 Series A-1, 5.25%, 11/15/2039 4,000,000 4,901,280 New York, State Energy Research & Development Authority Facilities Revenue, Consolidated Edison Co., Inc. Project, Series A-3, 0.62% *, 5/1/2039, LOC: Mizuho Corporate Bank 680,000 680,000 New York, State Environmental Facilities Corp., State Clean Water & Drinking Revolving Funds, New York City Municipal Water Finance Authority Projects, 5.0%, 6/15/2036 2,000,000 2,356,000 New York, State Liberty Development Corp. Revenue, World Trade Center Port Authority Construction, 5.25%, 12/15/2043 8,000,000 9,569,200 New York, Utility Debt Securitization Authority, Restructuring Revenue: Series TE, 5.0%, 12/15/2034 800,000 983,320 Series TE, 5.0%, 12/15/2035 1,000,000 1,225,300 New York City, NY, Municipal Water Finance Authority, Water & Sewer Revenue, Second General Resolution, Series AA, 5.0%, 6/15/2044 5,000,000 6,032,700 New York City, NY, Municipal Water Finance Authority, Water & Sewer Systems Revenue, Second General Resolution, Series EE, 5.375%, 6/15/2043 3,750,000 4,422,300 Port Authority of New York & New Jersey, One Hundred Eighty-Fourth: 5.0%, 9/1/2036 205,000 251,106 5.0%, 9/1/2039 510,000 623,011 Port Authority of New York & New Jersey, One Hundred Ninety-Third: AMT, 5.0%, 10/15/2034 1,620,000 1,975,055 AMT, 5.0%, 10/15/2035 800,000 973,872 49,365,490 North Carolina 0.6% North Carolina, Medical Care Commission, Health Care Facilities Revenue, University Health System, Series D, Prerefunded, 6.25%, 12/1/2033 3,000,000 **3,374,370** North Dakota 0.7% Fargo, ND, Sanford Health Systems Revenue, 6.25%, 11/1/2031 3,240,000 **3,982,349** Ohio 2.9% Lucas County, OH, Hospital Revenue, Promedica Healthcare, Series A, 6.5%, 11/15/2037 1,500,000 1,877,595 Ohio, State Hospital Facility Revenue, Cleveland Clinic Health: Series A, 5.5%, 1/1/2039 5,000,000 5,535,950 Series B, 5.5%, 1/1/2039 3,500,000 3,875,165 Ohio, State Turnpike Commission, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 2/15/2039 3,520,000 4,219,002 15,507,712 Pennsylvania 5.2% Allegheny County, PA, Hospital Development Authority Revenue, University of Pittsburgh Medical, 5.625%, 8/15/2039 1,700,000 1,918,314 Franklin County, PA, Industrial Development Authority Revenue, Chambersburg Hospital Project, 5.375%, 7/1/2042 7,000,000 7,994,000 Pennsylvania, Commonwealth Financing Authority, Series A, 5.0%, 6/1/2035 1,560,000 1,829,927 Pennsylvania, State Turnpike Commission Revenue: Series A, 5.0%, 12/1/2038 2,030,000 2,427,859 Series A-1, 5.0%, 12/1/2040 5,000,000 5,950,750 Series C, 5.0%, 12/1/2043 4,000,000 4,734,880 Philadelphia, PA, Airport Revenue, Series A, 5.0%, 6/15/2035 2,835,000 3,193,486 28,049,216 Puerto Rico 0.5% Puerto Rico, Sales Tax Financing Corp., Sales Tax Revenue: Series A, 5.5%, 8/1/2042 2,255,000 1,175,351 Series A, 6.0%, 8/1/2042 3,200,000 1,675,648 2,850,999 Rhode Island 0.4% Rhode Island, Health & Educational Building Corp.,

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Higher Education Facility Revenue, University of Rhode Island, Series A, 6.25%,
 9/15/2034 2,000,000 **2,213,380**South Carolina 6.9%Charleston County, SC, Airport District, Airport System Revenue,
 Series A, AMT, 5.875%, 7/1/2032 6,560,000 7,993,163Greenwood County, SC, Hospital Revenue, Self Regional
 Healthcare, Series B, 5.0%, 10/1/2031 1,000,000 1,146,620South Carolina, State Ports Authority Revenue, 5.25%,
 7/1/2040 2,550,000 2,888,079South Carolina, State Public Service Authority Revenue: Series A, 5.0%,
 12/1/2036 2,220,000 2,703,938 Series A, 5.0%, 12/1/2037 4,295,000 5,218,812 Series E, 5.25%,
 12/1/2055 7,570,000 9,140,396South Carolina, State Public Service Authority Revenue, Santee Cooper, Series A,
 5.75%, 12/1/2043 6,220,000 7,834,152 36,925,160Tennessee 1.2%Jackson, TN, Hospital Revenue, Jackson-Madison
 Project: 5.625%, 4/1/2038 1,080,000 1,157,015 Prerefunded, 5.625%, 4/1/2038 2,920,000 3,150,621 Sullivan County,
 TN, Health, Educational & Housing Facilities Board, Hospital Revenue, Wellmont Health Systems Project, Series C,
 5.25%, 9/1/2036 2,050,000 2,050,000 6,357,636Texas 16.8%Central Texas, Regional Mobility Authority Revenue,
 Senior Lien, Series A, 5.0%, 1/1/2040 1,155,000 1,368,479Dallas-Fort Worth, International Airport Revenue, Series
 F, AMT, 5.0%, 11/1/2035 2,000,000 2,269,360Harris County, TX, Health Facilities Development Corp., Hospital
 Revenue, Memorial Hermann Healthcare System, Series B, Prerefunded, 7.25%,
 12/1/2035 1,000,000 1,146,600Harris County, TX, Houston Port Authority, Series A, AMT, 6.25%,
 10/1/2029 3,000,000 3,305,340Houston, TX, Airport Revenue, People Mover Project, Series A, AMT, 5.5%,
 7/15/2017, INS: AGMC 730,000 733,007North Texas, Tollway Authority Revenue: Series B, 5.0%,
 1/1/2040 2,060,000 2,415,144 First Tier, Series A, 5.625%, 1/1/2033 430,000 455,796 First Tier, Series A,
 Prerefunded, 5.625%, 1/1/2033 3,070,000 3,273,909 Second Tier, Series F, Prerefunded, 5.75%,
 1/1/2038 6,500,000 6,942,455 First Tier, 6.0%, 1/1/2043 5,000,000 5,921,950North Texas, Tollway Authority
 Revenue, Special Project Systems, Series D, 5.0%, 9/1/2032 2,000,000 2,348,980Texas, Dallas/Fort Worth
 International Airport Revenue: Series H, AMT, 5.0%, 11/1/2042 5,425,000 6,160,033 Series F, 5.25%,
 11/1/2033 3,500,000 4,258,485 Series A, 5.25%, 11/1/2038 4,000,000 4,619,040Texas, Grand Parkway
 Transportation Corp., System Toll Revenue: Series B, 5.0%, 4/1/2053 3,500,000 4,091,955 Series B, 5.25%,
 10/1/2051 5,000,000 5,980,600Texas, Municipal Gas Acquisition & Supply Corp. I, Gas Supply Revenue: Series B,
 1.137% **, 12/15/2026, GTY: Merrill Lynch & Co., Inc. 1,500,000 1,398,525 Series D, 6.25%, 12/15/2026, GTY:
 Merrill Lynch & Co., Inc. 5,000,000 6,337,700Texas, SA Energy Acquisition Public Facility Corp., Gas Supply
 Revenue: 5.5%, 8/1/2021, GTY: The Goldman Sachs Group, Inc. 1,155,000 1,380,433 5.5%, 8/1/2025, GTY: The
 Goldman Sachs Group, Inc. 7,250,000 9,170,670Texas, Southwest Higher Education Authority, Inc., Southern
 Methodist University Project, 5.0%, 10/1/2035 1,600,000 1,831,744Texas, State Municipal Gas Acquisition & Supply
 Corp. III Gas Supply Revenue: 5.0%, 12/15/2030, GTY: Macquarie Group Ltd. 250,000 288,197 5.0%, 12/15/2031,
 GTY: Macquarie Group Ltd. 3,165,000 3,636,617 5.0%, 12/15/2032, GTY: Macquarie Group
 Ltd. 2,000,000 2,285,480Texas, State Transportation Commission, Turnpike Systems Revenue, Series C, 5.0%,
 8/15/2034 1,235,000 1,464,315West Harris County, TX, Regional Water Authority, Water Systems Revenue, 5.0%,
 12/15/2035 6,500,000 7,270,380 90,355,194Virginia 0.4%Stafford County, VA, Economic Development Authority,
 Hospital Facilities Revenue, Mary Washington Healthcare, 5.0%, 6/15/2036 400,000 483,828Washington County,
 VA, Industrial Development Authority, Hospital Facility Revenue, Mountain States Health Alliance, Series C, 7.75%,
 7/1/2038 1,370,000 1,556,238 2,040,066Washington 3.7%Washington, State Health Care Facilities Authority
 Revenue, Virginia Mason Medical Center, Series A, 6.125%, 8/15/2037 6,000,000 6,284,880Washington, State
 Health Care Facilities Authority, Catholic Health Initiatives, Series A, 5.0%,
 2/1/2041 5,000,000 5,547,150Washington, State Health Care Facilities Authority, Swedish Health Services, Series A,
 Prerefunded, 6.75%, 11/15/2041 1,825,000 2,316,545Washington, State Motor Vehicle Tax-Senior 520 Corridor
 Program, Series C, 5.0%, 6/1/2031 5,000,000 5,870,400 20,018,975Wisconsin 0.3%Wisconsin, State Health &
 Educational Facilities Authority Revenue, Prohealth Care, Inc. Obligation Group, Prerefunded, 6.625%,
 2/15/2039 1,555,000 **1,780,459****Total Municipal Bonds and Notes** (Cost \$563,984,360) **653,078,455** Underlying
 Municipal Bonds of Inverse Floaters (a) 33.4%California 2.1%University of California, State Revenues, Series K,
 4.0%, 5/15/2036 (b) 10,000,000 **11,405,600** *Trust: California, Tender Option Bond Trust Receipts/Certificates of
 Various States, Series 2016-XM0346, 144A, 12.13%, 5/15/2036, Leverage Factor at purchase date: 4 to 1* District of
 Columbia 2.3%District of Columbia, General Obligation, Series A, 5.0%, 6/1/2041 (b) 10,000,000 **12,414,900** *Trust:
 District of Columbia, Tender Option Bond Trust Receipts/Certificates of Various States, Series 2016-XM0325, 144A,
 16.13%, 6/1/2041, Leverage Factor at purchase date: 4 to 1* Florida 2.3%Orange County, FL, School Board,

Certificates of Participation, Series C, 5.0%, 8/1/2034 (b) 10,000,000 **12,272,300** Trust: Orange County, FL, School Board, Series 2016-XM0182, 144A, 15.92, 8/1/2034, Leverage Factor at purchase date: 4 to 1 Massachusetts 9.0%Massachusetts, State Water Pollution Abatement Trust, Series 13, 5.0%, 8/1/2032
 (b) 18,250,000 19,002,020 Massachusetts, State Water Pollution Abatement Trust, Series 13, 5.0%, 8/28/2037
 (b) 5,000,000 5,206,033 Trust: Massachusetts, State Pollution Control, Water Utility Improvements, Series 3159, 144A, 12.553%, 2/1/2017 Leverage Factor at purchase date: 3 to 1 Massachusetts, State General Obligation, Series E, 4.0%, 4/1/2038 (b) 10,000,000 11,201,300 Trust: Massachusetts, Tender Option Bond Trust Receipts/Certificates of Various States, Series 2016-XM0335, 144A, 12.13%, 4/1/2038, Leverage Factor at purchase date: 4 to 1 Massachusetts, State Development Finance Agency Revenue, Partners Healthcare System, Inc., Series Q, 5.0%, 7/1/2035 (b) 10,425,000 12,889,258 Trust: Massachusetts, State Development Finance Agency Revenue, Series 2016-XM0137, 144A, 16.109%, 1/1/2024, Leverage Factor at purchase date: 4 to 1 48,298,611Nevada 5.7%Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2028 (b) 6,296,603 10,093,732 Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/1/2029 (b) 6,611,433 10,598,419 Clark County, NV, General Obligation, Limited Tax-Bond Bank, 5.0%, 6/3/2030 (b) 6,416,920 10,286,606 Trust: Nevada, Tender Option Bond Trust Receipts/Certificates of Various States, Series 2016-XM0280, 144A, 12.409%, 6/1/2030, Leverage Factor at purchase date: 3 to 1 30,978,757New York 2.6%New York, State Dormitory Authority Revenues, State Supported Debt, University Dormitory Facilities, 5.0%, 7/1/2025 (b) 5,425,000 5,627,647 New York, State Dormitory Authority Revenues, State Supported Debt, University Dormitory Facilities, 5.0%, 7/1/2027
 (b) 8,080,000 8,381,823 Trust: New York, State Dormitory Authority Revenues, Series 3169, 144A, 12.552%, 7/1/2025, Leverage Factor at purchase date: 3 to 1 14,009,470Tennessee 6.2%Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2027 (b) 10,756,695 11,389,383 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-3, 144A, 16.425%, 7/1/2017 Leverage Factor at purchase date: 4 to 1 Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2026 (b) 10,200,000 10,799,964 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-2, 144A, 16.43%, 7/1/2017, Leverage Factor at purchase date: 4 to 1 Nashville & Davidson County, TN, Metropolitan Government, 5.0%, 1/1/2028
 (b) 10,564,925 11,186,328 Trust: Nashville & Davidson County, TN, Metropolitan Government, Series 2631-4, 144A, 16.437%, 7/1/2017, Leverage Factor at purchase date: 4 to 1 33,375,675Virginia 3.2%Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 10/1/2027 (b) 8,190,000 8,931,593 Virginia, State Resource Authority, Clean Water Revenue, 5.0%, 10/1/2028 (b) 7,630,000 8,320,886 Trust: Virginia, State Resource Authority, Clean Water Revenue, Series 2917, 144A, 10.532%, 10/1/2028, Leverage Factor at purchase date: 2.5 to 1 17,252,479**Total Underlying Municipal Bonds of Inverse Floaters** (Cost \$171,771,492) **180,007,792** % of Net Assets Value (\$) **Total Investment Portfolio** (Cost \$735,755,852) †154.7 **833,086,247** **Floating Rate Notes** (a)(21.3) **(114,766,576)** **Series 2018 MTPS, at Liquidation Value**(36.9) **(198,750,000)** **Other Assets and Liabilities, Net**3.5 **18,851,876** **Net Assets**100.0 **538,421,547**

For information on the Fund's policies regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent semi-annual or annual financial statements.

- * Variable rate demand notes are securities whose interest rates are reset periodically at market levels. These securities are often payable on demand and are shown at their current rates as of August 31, 2016.
 - ** Floating rate securities' yields vary with a designated market index or market rate, such as the coupon-equivalent of the U.S. Treasury Bill rate. These securities are shown at their current rate as of August 31, 2016.
- The cost for federal income tax purposes was \$617,253,947. At August 31, 2016, net unrealized appreciation for all securities based on tax cost was \$101,065,724. This consisted of aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost of \$103,784,851 and aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value of \$2,719,127.
- † Securities represent the underlying municipal obligations of inverse floating rate obligations held by the Fund. The
 - (a) Floating Rate Notes represents leverage to the Fund and is the amount owed to the floating rate note holders.
 - (b) Security forms part of the below inverse floater. The Fund accounts for these inverse floaters as a form of secured borrowing, by reflecting the value of the underlying bond in the investments of the Fund and the amount owed to

the floating rate note holder as a liability.

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.

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.

GTY: Guaranty Agreement

INS: Insured

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.

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 level assigned to the securities valuations may not be an indication of the risk or liquidity associated with investing in those securities.

The following is a summary of the inputs used as of August 31, 2016 in valuing the Fund's investments.

Assets	Level 1	Level 2	Level 3	Total
Municipal Investments ^(c)	\$—	\$833,086,247	\$—	\$833,086,247
Total	\$—	\$833,086,247	\$—	\$833,086,247

There have been no transfers between fair value measurement levels during the period ended August 31, 2016.

(c) 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: Deutsche Municipal Income Trust

/s/Brian E. Binder

By: Brian E. Binder

President

Date: October 21, 2016

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.

/s/Brian E. Binder

By: Brian E. Binder

President

Date: October 21, 2016

/s/Paul Schubert

By: Paul Schubert

Chief Financial Officer and Treasurer

Date: October 21, 2016