

MFS INVESTMENT GRADE MUNICIPAL TRUST
Form N-Q
April 25, 2011

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF
REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-05785

MFS INVESTMENT GRADE MUNICIPAL TRUST

(Exact name of registrant as specified in charter)

500 Boylston Street, Boston, Massachusetts 02116

(Address of principal executive offices) (Zip code)

Susan S. Newton

Massachusetts Financial Services Company

500 Boylston Street

Boston, Massachusetts 02116

(Name and address of agents for service)

Registrant's telephone number, including area code: (617) 954-5000

Date of fiscal year end: November 30

Date of reporting period: February 28, 2011

ITEM 1. SCHEDULE OF INVESTMENTS.

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (unaudited) 2/28/11

Issuer	Shares/Par	Value (\$)
Municipal Bonds 148.0%		
Airport & Port Revenue 0.5%		
Maryland Economic Development Corp. Rev. (Port America Chesapeake Terminal Project), B, 5.75%, 2035	\$ 150,000	\$ 138,380
Port Authority NY & NJ, Special Obligation Rev. (JFK International Air Terminal LLC), 6%, 2036	195,000	190,263
Port Authority NY & NJ, Special Obligation Rev. (JFK International Air Terminal LLC), 6%, 2042	225,000	217,852
		\$ 546,495
General Obligations - General Purpose 1.1%		
Highlands Ranch, CO, Metropolitan District, AGM, 6.5%, 2011	\$ 650,000	\$ 661,115
Luzerne County, PA, AGM, 6.75%, 2023	370,000	404,425
State of California, 5.75%, 2019	70,000	71,299
		\$ 1,136,839
General Obligations - Schools 6.7%		
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 2031	\$ 130,000	\$ 37,608
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 2032	235,000	62,660
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 2033	470,000	115,286
Frenship, TX, Independent School District, AGM, 5%, 2033	1,000,000	1,005,590
Los Angeles, CA, Unified School District, D, 5%, 2034	95,000	91,002
Modesto, CA, High School District (Stanislaus County), Capital Appreciation, A, FGIC, 0%, 2019	1,350,000	870,170
Pomona, CA, Unified School District, A, NATL, 6.45%, 2022	1,000,000	1,108,290
San Lorenzo, CA, Unified School District, Alameda County, Election 2004, B, FGIC, 4.75%, 2037	640,000	578,214
St. Johns, MI, Public Schools, FGIC, 5.1%, 2025	1,000,000	1,144,590
West Contra Costa, CA, Unified School District, B, NATL, 6%, 2024	250,000	267,938
Will County, IL, School District (Channahon), AMBAC, 8.5%, 2015	1,400,000	1,741,558
		\$ 7,022,906
Healthcare Revenue - Hospitals 26.7%		
Allegheny County, PA, Hospital Development Authority Rev. (West Penn Allegheny Health), A, 5.375%, 2040	\$ 405,000	\$ 262,347
Brunswick, GA, Hospital Authority Rev. (Glynn-Brunswick Memorial Hospital), 5.625%, 2034	165,000	159,677
California Health Facilities Financing Authority Rev. (Catholic Healthcare West), I, 4.95%, 2026 (b)	200,000	212,712
California Health Facilities Financing Authority Rev. (St. Joseph Health System), A, 5.75%, 2039	195,000	186,590
California Health Facilities Financing Authority Rev. (Sutter Health), B, 5.875%, 2031	535,000	539,414
California Municipal Finance Authority Rev. (Eisenhower Medical Center), A, 5.75%, 2040	30,000	27,247
California Statewide Communities Development Authority Rev. (Children's Hospital), 5%, 2047	575,000	436,690
California Statewide Communities Development Authority Rev. (Enloe Medical Center), CALHF, 5.75%, 2038	360,000	336,949
California Statewide Communities Development Authority Rev. (St. Joseph Health System), FGIC, 5.75%, 2047	255,000	238,481
Cullman County, AL, Health Care Authority (Cullman Regional Medical Center), A, 6.75%, 2029	355,000	332,273
Gage County, NE, Hospital Authority No. 1, Health Care Facilities Rev. (Beatrice Community Hospital & Health Care Center), B, 6%, 2025	55,000	53,257
Gage County, NE, Hospital Authority No. 1, Health Care Facilities Rev. (Beatrice Community Hospital & Health Care Center), B, 6.5%, 2030	175,000	167,402

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PORTFOLIO OF INVESTMENTS (unaudited) 2/28/11 - continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds continued		
Healthcare Revenue - Hospitals continued		
Gage County, NE, Hospital Authority No. 1, Health Care Facilities Rev. (Beatrice Community Hospital & Health Care Center), B, 6.75%, 2035	\$ 150,000	\$ 144,617
Harris County, TX, Health Facilities Development Corp., Hospital Rev. (Memorial Hermann Healthcare Systems), B, 7%, 2027	205,000	221,740
Harris County, TX, Health Facilities Development Corp., Hospital Rev. (Memorial Hermann Healthcare Systems), B, 7.25%, 2035	250,000	271,193
Health Care Authority for Baptist Health, AL, D, 5%, 2021	850,000	798,856
Idaho Health Facilities Authority Rev. (St. Luke's Regional Medical Center), 5%, 2035	85,000	81,868
Illinois Finance Authority Rev. (Children's Memorial Hospital), A, ASSD GTY, 5.25%, 2047	540,000	493,630
Illinois Finance Authority Rev. (KishHealth Systems Obligated Group), 5.75%, 2028	380,000	373,388
Illinois Finance Authority Rev. (Provena Health), A, 7.75%, 2034	400,000	436,988
Illinois Finance Authority Rev. (Resurrection Health), 6.125%, 2025	460,000	458,008
Illinois Finance Authority Rev. (Silver Cross Hospital & Medical Centers), 6.875%, 2038	395,000	395,356
Indiana Health & Educational Facilities Finance Authority, Hospital Rev. (Clarian Health), A, 5%, 2039	390,000	332,420
Indiana Health & Educational Facilities Finance Authority, Hospital Rev. (Community Foundation of Northwest Indiana), 5.5%, 2037	705,000	619,498
Indiana Health & Educational Financing Authority Rev. (Community Foundation of Northwest Indiana), A, 6%, 2034	150,000	148,890
Johnson City, TN, Health & Educational Facilities Board Hospital Rev. (Mountain States Health Alliance), A, 5.5%, 2036	845,000	753,089
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Baptist Healthcare System), A, 5.375%, 2024	255,000	263,469
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Baptist Healthcare System), A, 5.625%, 2027	85,000	88,089
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Owensboro Medical Health System), A, 6.375%, 2040	440,000	411,066
Lake County, OH, Hospital Facilities Rev. (Lake Hospital), C, 6%, 2043	265,000	248,933
Louisiana Public Facilities Authority Hospital Rev. (Lake Charles Memorial Hospital), 6.375%, 2034	415,000	378,003
Louisville & Jefferson County, KY, Metropolitan Government Healthcare Systems Rev. (Norton Healthcare, Inc.), 5.25%, 2036	385,000	336,594
Lufkin, TX, Health Facilities Development Corp. Rev. (Memorial Health System), 5.5%, 2032	45,000	37,680
Lufkin, TX, Health Facilities Development Corp. Rev. (Memorial Health System), 5.5%, 2037	45,000	36,743
Maryland Health & Higher Educational Facilities Authority Rev. (Anne Arundel Health System), A, 6.75%, 2039	175,000	190,050
Maryland Health & Higher Educational Facilities Authority Rev. (Mercy Medical Center), A, 5.5%, 2042	265,000	222,330
Maryland Health & Higher Educational Facilities Authority Rev. (Washington County Hospital), 6%, 2043	95,000	87,564
Massachusetts Health & Educational Facilities Authority Rev. (Boston Medical Center), 5.25%, 2038	110,000	90,588
Massachusetts Health & Educational Facilities Authority Rev. (Milford-Whitinsville Regional), C, 5.75%, 2013	270,000	270,170
Massachusetts Health & Educational Facilities Authority Rev. (Quincy Medical Center), A, 6.5%, 2038	165,000	136,556
Massachusetts Health & Educational Facilities Authority Rev. (South Shore Hospital), F, 5.75%, 2029	370,000	352,266
Miami-Dade County, FL, Health Facilities Authority, Hospital Rev. (Variety Children's Hospital), A, 6.125%, 2042	195,000	190,603
New Hampshire Business Finance Authority Rev. (Elliot Hospital Obligated Group), A, 6%, 2027	445,000	436,287

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PORTFOLIO OF INVESTMENTS (unaudited) 2/28/11 - continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds continued		
Healthcare Revenue - Hospitals continued		
New Hampshire Health & Education Facilities Authority Rev. (Catholic Medical Center), A , 6.125%, 2012 (c)	\$ 440,000	\$ 476,093
New Hampshire Health & Education Facilities Authority Rev. (Catholic Medical Center), A , 6.125%, 2032	60,000	57,886
New Hampshire Health & Education Facilities Authority Rev. (Memorial Hospital at Conway), 5.25%, 2036	300,000	238,170
New Jersey Health Care Facilities, Financing Authority Rev. (St. Peter s University Hospital), 5.75%, 2037	415,000	344,359
New York Dormitory Authority Rev. (North Shore Long Island Jewish Group), 5.5%, 2013 (c)	100,000	110,482
New York Dormitory Authority Rev., Non-State Supported Debt (Bronx-Lebanon Hospital Center), LOC, 6.5%, 2030	165,000	176,161
New York Dormitory Authority Rev., Non-State Supported Debt (Bronx-Lebanon Hospital Center), LOC, 6.25%, 2035	100,000	104,774
Northampton County, PA, General Purpose Authority Hospital Rev. (St. Luke s Hospital), A , 5.5%, 2035	100,000	88,835
Northampton County, PA, General Purpose Authority Hospital Rev. (St. Luke s Hospital), A , 5.5%, 2040	115,000	100,397
Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), 5.75%, 2012 (c)	150,000	163,220
Orange County, FL, Health Facilities Authority, Hospital Rev. (Orlando Regional Healthcare), C , ETM, NATL, 6.25%, 2013 (c)	1,740,000	1,969,019
Palomar Pomerado Health Care District, CA, COP, 6.75%, 2039	340,000	340,180
Philadelphia, PA, Hospitals & Higher Education Facilities Authority Rev. (Temple University Health System), A , 6.625%, 2023	335,000	335,003
Philadelphia, PA, Hospitals & Higher Education Facilities Authority Rev. (Temple University Health System), A , 5.5%, 2030	395,000	347,501
Rhode Island Health & Educational Building Corp. Rev., Hospital Financing (Lifespan Obligated Group), 6.375%, 2012 (c)	435,000	461,561
Rhode Island Health & Educational Building Corp. Rev., Hospital Financing (Lifespan Obligated Group), A , ASSD GTY, 7%, 2039	855,000	922,263
Richmond, IN, Hospital Authority Rev. (Reid Hospital & Health Center Services), A , 6.625%, 2039	525,000	542,887
Royal Oak, MI, Hospital Finance Authority Rev. (William Beaumont Hospital), 8.25%, 2039	230,000	260,721
Scioto County, OH, Hospital Facilities Rev. (Southern Ohio Medical Center), 5.75%, 2038	555,000	539,438
Scottsdale, AZ, Industrial Development Authority, Hospital Rev. (Scottsdale Healthcare), C , ASSD GTY, 5%, 2035	140,000	128,932
Skagit County, WA, Public Hospital District No. 001 Rev. (Skagit Valley Hospital), 5.75%, 2032	535,000	483,394
South Carolina Jobs & Economic Development Authority (Bon Secours - Venice Healthcare Corp.), 5.5%, 2023	390,000	392,036
South Lake County, FL, Hospital District Rev. (South Lake Hospital), A , 6%, 2029	105,000	102,063
South Lake County, FL, Hospital District Rev. (South Lake Hospital), A , 6.25%, 2039	155,000	149,825
Southwestern, IL, Development Authority Rev. (Anderson Hospital), 5.375%, 2015	325,000	325,790
Southwestern, IL, Development Authority Rev. (Anderson Hospital), 5.125%, 2036	1,000,000	792,490
St. Paul, MN, Housing & Redevelopment Authority Healthcare Facilities Rev. (Healthpartners Obligated Group), 5.25%, 2023	325,000	308,948
St. Paul, MN, Housing & Redevelopment Authority Healthcare Facilities Rev. (Healthpartners Obligated Group), 5.25%, 2036	615,000	522,276
Sullivan County, TN, Health, Educational & Housing Facilities Board Hospital Rev. (Wellmont Health Systems Project), C , 5.25%, 2026	1,365,000	1,269,150
Sullivan County, TN, Health, Educational & Housing Facilities Board Hospital Rev. (Wellmont Health Systems Project), C , 5.25%, 2036	135,000	110,944

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Issuer	Shares/Par	Value (\$)
Municipal Bonds continued		
Healthcare Revenue - Hospitals continued		
Sumner County, TN, Health, Educational & Housing Facilities Board Rev. (Sumner Regional Health Systems, Inc.), A, 5.5%, 2046 (a)	\$ 1,000,000	\$ 55,000
Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A, 5.25%, 2032	265,000	211,157
Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A, 5.375%, 2037	220,000	172,029
Upland, CA, COP (San Antonio Community Hospital), 6.5%, 2041	85,000	84,436
Washington Health Care Facilities Authority Rev. (Highline Medical Center), FHA, 6.25%, 2036	695,000	754,033
Washington Health Care Facilities Authority Rev. (Virginia Mason Medical Center), A, 6.25%, 2042	570,000	529,502
West Virginia Hospital Finance Authority, Hospital Rev. (Thomas Health System), 6.5%, 2038	285,000	255,907
Wisconsin Health & Educational Facilities Authority Rev. (Aurora Health Care, Inc.), 6.4%, 2033	175,000	177,258
Wisconsin Health & Educational Facilities Authority Rev. (Fort Healthcare, Inc. Project), 5.375%, 2018	385,000	382,825
Wisconsin Health & Educational Facilities Authority Rev. (ProHealth Care, Inc. Obligated Group), 6.625%, 2032	195,000	199,085
Wisconsin Health & Educational Facilities Authority Rev. (ProHealth Care, Inc. Obligated Group), 6.625%, 2039	100,000	103,966
Wisconsin Health & Educational Facilities Authority Rev. (Wheaton Franciscan Services), 5.25%, 2034	695,000	582,375
		\$ 27,931,942
Healthcare Revenue - Long Term Care 8.3%		
ABAG Finance Authority for Non-Profit Corps., CA, Rev. (Casa de las Campanas), CALHF, 6%, 2037	\$ 70,000	\$ 66,364
Abilene, TX, Health Facilities Development Corp., Retirement Facilities Rev. (Sears Methodist Retirement Systems, Inc.), A, 7%, 2033	500,000	417,200
Bucks County, PA, Industrial Development Authority Retirement Community Rev. (Ann's Choice, Inc.), A, 6.125%, 2025	500,000	467,450
Capital Projects Finance Authority, FL (Glenridge on Palmer Ranch), A, 8%, 2012 (c)	500,000	550,900
Chartiers Valley, PA, Industrial & Commercial Development Authority Rev. (Friendship Village South), A, 5.25%, 2013	500,000	514,555
Chester County, PA, Industrial Development Authority Rev. (RHA Nursing Home), 8.5%, 2032	705,000	613,604
Cumberland County, PA, Municipal Authority Rev. (Diakon Lutheran Social Ministries), 6.125%, 2029	570,000	572,576
Fulton County, GA, Residential Care Facilities, Elderly Authority Rev. (Canterbury Court), A, 6.125%, 2034	250,000	210,463
Hamden, CT, Facility Rev. (Whitney Center Project), A, 7.625%, 2030	35,000	35,915