MFS HIGH INCOME MUNICIPAL TRUST Form N-Q April 28, 2014

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 811-05754

MFS HIGH INCOME MUNICIPAL TRUST

(Exact name of registrant as specified in charter)

111 Huntington Avenue, Boston, Massachusetts 02199

(Address of principal executive offices) (Zip code)

Susan S. Newton

Massachusetts Financial Services Company

111 Huntington Avenue

Boston, Massachusetts 02199

(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, 2014

ITEM 1. SCHEDULE OF INVESTMENTS.

QUARTERLY REPORT

February 28, 2014

MFS® HIGH INCOME MUNICIPAL TRUST

PORTFOLIO OF INVESTMENTS

2/28/14 (unaudited)

The Portfolio of Investments is a complete list of all securities owned by your fund. It is categorized by broad-based asset classes.

Issuer	Shares/Par	Value (\$)
Municipal Bonds - 153.9%		
Airport Revenue - 5.2%		
Burlington, VT, Airport Rev., A, 4%, 7/01/28	\$ 110,000	\$ 93,972
Denver, CO, City & County Airport Systems Rev., A , 5%, 11/15/28	205,000	219,131
Denver, CO, City & County Airport, B, ETM, 6.125%, 11/15/25 (c)	2,840,000	2,848,198
Denver, CO, City & County Airport, C, ETM, 6.125%, 11/15/25 (c)	2,280,000	2,912,768
Guam International Airport Authority Rev., C, 5%, 10/01/16	35,000	36,984
Guam International Airport Authority Rev., C, 5%, 10/01/17	60,000	63,721
Houston, TX, Airport System Rev., B, 5%, 7/01/26	210,000	232,613
Houston, TX, Airport System Rev., Subordinate Lien, A, 5%, 7/01/31	190,000	196,922
Port Authority of NY & NJ, Special Obligation Rev. (JFK International Air Terminal LLC), 6%, 12/01/36	315,000	345,246
Port Authority of NY & NJ, Special Obligation Rev. (JFK International Air Terminal LLC), 6%, 12/01/42	360,000	391,936
San Jose, CA, Airport Rev., A-2 , 5.25%, 3/01/34	960,000	1,012,176
		\$ 8,353,667
General Obligations - General Purpose - 8.5%	¢ 200.000	¢ 107.050
Bellwood, IL, 5.875%, 12/01/27	\$ 200,000	\$ 187,352
Bellwood, IL, 6.15%, 12/01/32	300,000	277,386
Charleston County, SC, Transportation Sales Tax, 5%, 11/01/22	570,000	693,143
Chicago, IL, Metropolitan Water Reclamation District-Greater Chicago, C, 5%, 12/01/30	1,000,000	1,089,540
Commonwealth of Massachusetts, General Obligation, B, 5%, 8/01/21	1,145,000	1,380,332
Guam Government, A , 7%, 11/15/39	110,000	116,257
Las Vegas Valley, NV, Water District, C, 5%, 6/01/29	1,175,000	1,288,364
Luzerne County, PA, AGM, 6.75%, 11/01/23	570,000	640,931
Richmond, VA, Public Improvement, A, 5%, 3/01/23	1,720,000	2,065,789
State of California, 5.25%, 10/01/28	425,000	484,088
State of California, 5.25%, 9/01/30	1,005,000	1,130,545
State of Hawaii, DZ, 5%, 12/01/31	255,000	282,178
State of Illinois, 5%, 2/01/39	270,000	274,417
State of Illinois, 5.5%, 7/01/38	215,000	229,857
State of Washington, R , 5%, 7/01/22	2,955,000	3,553,594
		\$ 13,693,773
General Obligations - Schools - 0.9% Payorly Hills, CA. Unified School Dictrict (Election of 2008), Capital Approxision, 0%, 8/01/21	\$ 250,000	\$ 167,192
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/31 Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/32	\$ 350,000	\$ 167,192 160,204
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/32 Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/32	355,000	
Los Angeles, CA, Unified School District, D, 5%, 1/01/34	715,000	304,933
	210,000	228,999
San Jacinto, TX, Community College District, 5.125%, 2/15/38	550,000	580,366
Healthcare Revenue - Hospitals - 31.2%		\$ 1,441,694
Allegheny County, PA, Hospital Development Authority Rev. (University of Pittsburgh Medical Center), A , 5.375%, 8/15/2	9 \$ 560.000	\$ 614,830
Brunswick, GA, Hospital Authority Rev. (Glynn-Brunswick Memorial Hospital), 5.625%, 8/01/34	220,000	232,118
Butler County, OH, Hospital Facilities Rev. (UC Health), 5.5%, 11/01/40	750,000	769,245
Butler County, OH, Hospital Facilities Rev. (UC Health), 5.75%, 11/01/40	165,000	171,542
California Health Facilities Financing Authority Rev. (St. Joseph Health System), A , 5.75%, 7/01/39	125,000	136,764
California Health Facilities Financing Authority Rev. (St. Joseph Health), A , 5%, 11/15/42	1,000,000	1,014,260
California Health Facilities Financing Authority Rev. (Sutter Health), B , 5.875%, 8/15/31	835,000	953,161
California Statewide Communities Development Authority Rev. (Catholic Healthcare West), K , ASSD GTY, 5.5%, 7/01/41	1,545,000	1,624,676
Chattanooga, TN, Health Educational & Housing Facility Board Rev. (Catholic Health Initiatives), A , 5.25%, 1/01/45	1,295,000	1,358,261
Cullman County, AL, Health Care Authority (Cullman Regional Medical Center), A , 6.75%, 2/01/29	75,000	79,241
Delaware County, PA, Authority Rev. (Mercy Health Corp.), ETM, 6%, 12/15/16 (c)	645,000	680,565
Delaware County, PA, Authority Rev. (Mercy Health Corp.), ETM, 6%, 12/15/16 (c)	1,000,000	1,061,980
2 can be county, 11, function (field) from the cosp., 2111, 010, 12, 10,20 (c)	1,000,000	1,001,000

Portfolio of Investments (unaudited) continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds - continued		
Healthcare Revenue - Hospitals - continued		
Gallia County, OH, Hospital Facilities Rev. (Holzer Health Systems), A, 8%, 7/01/42	\$ 900,000	\$ 955,908
Harris County, TX, Cultural Education Facilities Finance Corp. Medical Facilities Rev. (Baylor College of Medicine), D ,		
5.625%, 11/15/32	330,000	359,350
Harris County, TX, Health Facilities Development Corp., Hospital Rev. (Memorial Hermann Healthcare Systems), B,		
7.25%, 12/01/18 (c)	235,000	303,188
Idaho Health Facilities Authority Rev. (IHC Hospitals, Inc.), ETM, 6.65%, 2/15/21 (c)	1,750,000	2,258,078
Illinois Finance Authority Rev. (Advocate Healthcare), 4%, 6/01/47	390,000	332,159
Illinois Finance Authority Rev. (Kewanee Hospital), 5.1%, 8/15/31	670,000	684,164
Illinois Finance Authority Rev. (Provena Health), A , 7.75%, 8/15/34	620,000	748,210 275,176
Illinois Finance Authority Rev. (Rehabilitation Institute of Chicago), A , 6%, 7/01/43 Illinois Finance Authority Rev. (Silver Cross Hospital & Medical Centers), 6.875%, 8/15/38	255,000 615,000	670,264
Indiana Health & Educational Facilities Finance Authority Rev. (Sisters of St. Francis Health Services, Inc.), E, AGM,	015,000	070,204
5.25%, 5/15/41	145,000	148,189
Indiana Health & Educational Facilities Finance Authority, Hospital Rev. (Clarian Health), A , 5%, 2/15/39	2,255,000	2,281,744
Indiana Health & Educational Facilities Finance Authority, Hospital Rev. (Community Foundation of Northwest Indiana),	2,235,000	2,201,711
5.5%, 3/01/37	1,220,000	1,265,152
Jefferson Parish, LA, Hospital Service District No. 2 (East Jefferson General Hospital), 6.25%, 7/01/31	380,000	403,533
Jefferson Parish, LA, Hospital Service District No. 2 (East Jefferson General Hospital), 6.375%, 7/01/41	240,000	255,168
Johnson City, TN, Health & Educational Facilities Board, Hospital Rev. (Mountain States Health Alliance), A , 5.5%,	,	
7/01/31	1,455,000	1,493,427
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Baptist Healthcare System), A, 5.375%,		
8/15/24	375,000	413,599
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Baptist Healthcare System), A , 5.625%,		
8/15/27	125,000	135,789
Kentucky Economic Development Finance Authority, Hospital Facilities Rev. (Owensboro Medical Health System), A,		
6.375%, 6/01/40	735,000	771,265
Knox County, IN, Economic Development Rev. (Good Samaritan Hospital), A , 5%, 4/01/42	130,000	127,117
Lake County, OH, Hospital Facilities Rev. (Lake Hospital Systems, Inc.), 5.625%, 8/15/29	565,000	604,878
Louisiana Public Facilities Authority Hospital Rev. (Lake Charles Memorial Hospital), 6.375%, 12/01/34	775,000	785,990
Louisville & Jefferson County, KY, Metro Government Health Facilities Rev. (Jewish Hospital & St. Mary s Healthcare),	1 (05 000	0.005.100
6.125%, 2/01/18 (c)	1,685,000	2,035,109
Louisville & Jefferson County, KY, Metropolitan Government Healthcare Systems Rev. (Norton Healthcare, Inc.), 5.25%,	420,000	422 000
10/01/36 Lufkin, TX, Health Facilities Development Corp. Rev. (Memorial Health System), 5.5%, 2/15/37	420,000 75,000	423,898 75,951
Martin County, FL, Health Facilities Authority Rev. (Martin Memorial Medical Center), 5.5%, 11/15/42	380,000	385,677
Martin County, FL, Health Fachues Authority Rev. (Martin Memorial Memorial Memorial Center), 5.5%, 11/15/42 Maryland Health & Higher Educational Facilities Authority Rev. (Anne Arundel Health System, Inc.), A , 6.75%, 7/01/39	945,000	1,103,892
Maryland Health & Higher Educational Factures Authority Rev. (Anne Arunder Health System, Inc.), A, 0.75 %, 1/01/39 Massachusetts Development Finance Agency Rev. (Tufts Medical Center), I, 7.25%, 1/01/32	555,000	649,439
Massachusetts Bevelopinent i malec Agency Rev. (Turts Medicar Center), 1, 7.25%, 10/01/32 Massachusetts Health & Educational Facilities Authority Rev. (Jordan Hospital), E , 6.75%, 10/01/33	500,000	500,205
Michigan Finance Authority Rev. (Trinity Health Corp.), 5%, 12/01/35	1,250,000	1,306,163
Montgomery, AL, Medical Clinic Board Health Care Facility Rev. (Jackson Hospital & Clinic), 5.25%, 3/01/36	800,000	797,928
Muskingum County, OH, Hospital Facilities Rev. (Genesis Health System Obligated Group), 5%, 2/15/33	225,000	193,345
Muskingum County, OH, Hospital Facilities Rev. (Genesis Health System Obligated Group), 5%, 2/15/44	585,000	453,410
Muskingum County, OH, Hospital Facilities Rev. (Genesis Health System Obligated Group), 5%, 2/15/48	225,000	171,419
New Hampshire Business Finance Authority Rev. (Elliot Hospital Obligated Group), A , 6%, 10/01/27	745,000	798,752
New Hanover County, NC, Hospital Rev., AGM, 5.125%, 10/01/31	1,130,000	1,184,274
New Mexico Hospital Equipment Loan Council, Hospital Rev. (Rehoboth McKinley Christian Hospital), A , 5%, 8/15/17	200,000	198,498
New York Dormitory Authority Rev., Non-State Supported Debt (Bronx-Lebanon Hospital Center), LOC, 6.5%, 8/15/30	245,000	276,558
New York Dormitory Authority Rev., Non-State Supported Debt (Bronx-Lebanon Hospital Center), LOC, 6.25%, 2/15/35	150,000	164,720
Norman, OK, Regional Hospital Authority Rev., 5%, 9/01/27	195,000	199,696
Norman, OK, Regional Hospital Authority Rev., 5.375%, 9/01/29	115,000	117,479
Norman, OK, Regional Hospital Authority Rev., 5.375%, 9/01/36	305,000	307,998
North Carolina Medical Care Commission (Stanly Health Services, Inc.), 6.375%, 10/01/29	1,915,000	1,921,607
Olympia, WA, Healthcare Facilities Authority Rev. (Catholic Health Initiatives), D , 6.375%, 10/01/36	1,405,000	1,581,215
Palomar Pomerado Health Care District, CA, COP, 6.75%, 11/01/39	1,125,000	1,158,334
Rhode Island Health & Educational Building Corp. Rev., Hospital Financing (Lifespan Obligated Group), A, ASSD GTY,	0.40,000	020.064
7%, 5/15/39 Povel Oak MI Hagnital Einange Authority Pov. (William Peaument Hagnital) 8,25%, 0/01/20	840,000	928,864
Royal Oak, MI, Hospital Finance Authority Rev. (William Beaumont Hospital), 8.25%, 9/01/39	660,000	795,267
Salida, CO, Hospital District Rev., 5.25%, 10/01/36 Skagit County, WA, Public Hospital District No. 001 Rev. (Skagit Valley Hospital), 5.75%, 12/01/32	885,000 120,000	864,380 121,596
Skagn County, WA, Euble Hospital District 10, 001 Key, (Skagn Valley Hospital), 5.75%, 12/01/52	120,000	121,390

South Lake County, FL, Hospital District Rev. (South Lake Hospital),	A , 6%, 4/01/29

7

190,584

Portfolio of Investments (unaudited) continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds - continued		
Healthcare Revenue - Hospitals - continued		
South Lake County, FL, Hospital District Rev. (South Lake Hospital), A , 6.25%, 4/01/39	\$ 100,000	\$ 108,798
Southeastern Ohio Port Authority, Hospital Facilities Rev. (Memorial Health System), 5.75%, 12/01/32	380,000	363,595
Sullivan County, TN, Health, Educational & Housing Facilities Board Hospital Rev. (Wellmont Health Systems Project), C,		
5.25%, 9/01/36	225,000	225,518
Sumter County, FL, Industrial Development Authority Hospital Rev. (Central Florida Health Alliance Projects), A, 5%,	,	,
7/01/26	25,000	25,942
Sumter County, FL, Industrial Development Authority Hospital Rev. (Central Florida Health Alliance Projects), A, 5%,		-)-
7/01/29	25,000	25,524
Sumter County, FL, Industrial Development Authority Hospital Rev. (Central Florida Health Alliance Projects), A , 5.125%,		- /-
7/01/34	50,000	50,361
Sumter County, FL, Industrial Development Authority Hospital Rev. (Central Florida Health Alliance Projects), A , 5.25%,	,	
7/01/44	150,000	151,710
Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A , 5.25%, 11/01/32	290,000	278,971
Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A , 5.375%, 11/01/37	195,000	188,528
Washington Health Care Facilities Authority Rev. (Multicare Health Systems), B, ASSD GTY, 6%, 8/15/39	560,000	606,043
Washington Health Care Facilities Authority Rev. (Providence Health & Services), A , 5%, 10/01/33	1,395,000	1,480,793
Wisconsin Health & Educational Facilities Authority Rev. (Aurora Health Care, Inc.), A, 5%, 7/15/26	250,000	264,323
Wisconsin Health & Educational Facilities Authority Rev. (Aurora Health Care, Inc.), A, 5%, 7/15/28	75,000	78,087
Wisconsin Health & Educational Facilities Authority Rev. (Fort Healthcare, Inc.), 5.75%, 5/01/29	1,000,000	1,001,700
Wisconsin Health & Educational Facilities Authority Rev. (Meritor Hospital), A, 5.5%, 5/01/31	920,000	987,914
Wisconsin Health & Educational Facilities Authority Rev. (Meritor Hospital), A , 6%, 5/01/41	605,000	656,486
Wisconsin Health & Educational Facilities Authority Rev. (Wheaton Franciscan Services), 5.25%, 8/15/34	865,000	869,299
	,	
		¢ 50 000 041
		\$ 50,238,841
Healthcare Revenue - Long Term Care - 14.0%	¢ 00.000	¢ 00.000
Alachua County, FL, Health Facilities Authority Rev. (East Ridge Retirement Village, Inc.), 6%, 11/15/34	\$ 90,000	\$ 88,889
Alachua County, FL, Health Facilities Authority Rev. (East Ridge Retirement Village, Inc.), 6.25%, 11/15/44	215,000	212,659
Alachua County, FL, Health Facilities Authority Rev. (East Ridge Retirement Village, Inc.), 6.375%, 11/15/49	145,000	142,874
Americus and Sumter County, GA, Hospital Authority Rev. (Magnolia Manor Obligated Group), A , 6.25%, 5/15/33	120,000	122,254
Americus and Sumter County, GA, Hospital Authority Rev. (Magnolia Manor Obligated Group), A , 6.375%, 5/15/43	120,000	121,357
Bucks County, PA, Industrial Development Authority Rev. (Lutheran Community Telford Center), 5.75%, 1/01/27	120,000	120,143
Bucks County, PA, Industrial Development Authority Rev. (Lutheran Community Telford Center), 5.75%, 1/01/37	155,000	147,616
Collier County, FL, Industrial Development Authority Continuing Care Community Rev. (The Arlington of Naples Project),	(10.000	(10.05)
A ,8.125%, 5/15/44	610,000	619,376
Colorado Health Care Facilities Authority Rev. (American Baptist Homes of the Midwest Obligated Group), 8%, 8/01/43	250,000	251,838
Colorado Health Facilities Authority Rev. (American Baptist Homes), A , 5.9%, 8/01/37	265,000	213,113
Colorado Health Facilities Authority Rev. (Covenant Retirement Communities, Inc.), 5%, 12/01/35	1,400,000	1,273,748
Colorado Health Facilities Authority Rev. (Evangelical Lutheran Good Samaritan Society), 5.625%, 6/01/43	130,000	135,844
Cumberland County, PA, Municipal Authority Rev. (Asbury Atlantic, Inc.), 5.25%, 1/01/41	355,000	318,378
Cumberland County, PA, Municipal Authority Rev. (Diakon Lutheran Social Ministries), 6.125%, 1/01/29	890,000	949,621
- Fulton County CA Residential Care Facilities Fiderly Authority Day (Conterbury Court) A 6 1050/ 0/15/24	750 000	757 705

Fulton County, GA, Residential Care Facilities, Elderly Authority Rev. (Canterbury Court), A , 6.125%, 2/15/34

Hawaii Department of Budget & Finance, Special Purpose Rev. (15 Craigside Project), A , 8.75%, 11/15/29 Hawaii Department of Budget & Finance, Special Purpose Rev. (15 Craigside Project), A , 9%, 11/15/44

Idaho Health Facilities Authority Rev. (The Terraces of Boise Project), B2, 6%, 10/01/21

8

752,205

117,773

201,557

750,000

105,000

180,000