MFS HIGH INCOME MUNICIPAL TRUST Form N-Q April 27, 2016

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)

Kristin V. Collins

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 29, 2016

ITEM 1. SCHEDULE OF INVESTMENTS.

QUARTERLY REPORT

February 29, 2016

MFS® HIGH INCOME MUNICIPAL TRUST

PORTFOLIO OF INVESTMENTS

2/29/16 (unaudited)

The Portfolio of Investments is a complete list of all securities owned by your fund. It is categorized by jurisdiction.

Issuer	Shares/Par	Value (\$)
Municipal Bonds - 154.6%		
Alabama - 1.6%	\$ 80.000	\$ 90,554
Alabama Incentives Financing Authority Special Obligation, A, 5%, 9/01/37 Birmingham, AL, Special Care Facilities Financing Authority Rev. (Methodist Home for the Aging), 5.5%, 6/01/30	\$ 80,000 105,000	\$ 90,554 106,304
Birmingham, AL, Special Care Facilities Financing Authority Rev. (Methodist Home for the Aging), 5.75%, 6/01/35	115,000	116,994
Birmingham, AL, Special Care Facilities Financing Authority Rev. (Methodist Home for the Aging), 5.75%, 6/01/45	155,000	156,721
Birmingham, AL, Special Care Facilities Financing Authority Rev. (Methodist Home for the Aging), 57.5%, 6/01/50	165,000	168,787
Birmingham, AL, Waterworks Board Water Rev., A , 5.125%, 1/01/34 (Prerefunded 1/01/19)	280,000	313,922
Birmingham, AL, Waterworks Board Water Rev., A, ASSD GTY, 5.125%, 1/01/34	475,000	523,079
Cullman County, AL, Health Care Authority (Cullman Regional Medical Center), A , 6.75%, 2/01/29	75.000	81,225
Jefferson County, AL, Sewer Rev. Warrants, Capital Appreciation, Senior Lien, B, AGM, 0%, 10/01/25	10,000	7,033
Jefferson County, AL, Sewer Rev. Warrants, Capital Appreciation, Senior Lien, B, AGM, 0%, 10/01/26	130,000	86,545
Jefferson County, AL, Sewer Rev. Warrants, Capital Appreciation, Senior Lien, B, AGM, 0%, 10/01/29	185,000	100,159
Jefferson County, AL, Sewer Rev. Warrants, Capital Appreciation, Senior Lien, B, AGM, 0%, 10/01/34	260,000	99,804
Jefferson County, AL, Sewer Rev. Warrants, Capital Appreciation, Senior Lien, B, AGM, 0%, 10/01/35	500,000	177,015
Jefferson County, AL, Sewer Rev. Warrants, Subordinate Lien, D, 5%, 10/01/16	60,000	61,371
Jefferson County, AL, Sewer Rev. Warrants, Subordinate Lien, D, 5%, 10/01/17	85,000	89,673
Jefferson County, AL, Sewer Rev. Warrants, Subordinate Lien, D, 5%, 10/01/18	85,000	91,928
Jefferson County, AL, Sewer Rev. Warrants, Subordinate Lien, D, 5%, 10/01/21	95,000	105,871
Jefferson County, AL, Sewer Rev. Warrants, Subordinate Lien, D, 5%, 10/01/23	140,000	157,066
Pell City, AL, Special Care Facilities, Financing Authority Rev. (Noland Health Services, Inc.), 5%, 12/01/39	225,000	245,630
		\$ 2,779,681
Arizona - 2.5%		¢ (5.000
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Basis Schools Projects), A , 5%, 7/01/35	\$ 45,000	\$ 47,293
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Basis Schools Projects), A , 5%, 7/01/35	125,000	131,273
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Basis Schools Projects), A , 5%, 7/01/45	205,000	211,156
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Basis Schools Projects), A , 5%, 7/01/46	110,000	113,278
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Legacy Traditional Schools Project), 5%, 7/01/35	195,000	200,856
Phoenix, AZ, Industrial Development Authority Education Facility Rev. (Legacy Traditional Schools Project), 5%, 7/01/45 Phoenix, AZ, Industrial Development Authority Education Rev. (Choice Academies, Inc. Project), 5.625%, 9/01/42	215,000 165,000	217,384
Phoenix, AZ, Industrial Development Authority Education Rev. (Choice Academics, nc. Froject), 5%, 7/01/42 Phoenix, AZ, Industrial Development Authority Education Rev. (Eagle College Prep Project), 5%, 7/01/33	80,000	82,536
Phoenix, AZ, Industrial Development Authority Education Rev. (Eagle College Prop Project), 5%, 7/01/43	160,000	162,771
Phoenix, AZ, Industrial Development Authority Education Rev. (Great Hearts Academies Project), 3, 5%, 7/01/34	445,000	492,215
Phoenix, AZ, Industrial Development Authority Education Rev. (Great Hearts Academics Project), A, 5%, 7/01/34	280,000	302,767
Phoenix, AZ, Industrial Development Authority Education Rev. (Great rearts Academics Froject), A, 5%, 7/01/44	145,000	162,718
Phoenix, AZ, Industrial Development Authority Education Rev. (Legacy Traditional Schools Project), 6.75%, 7/01/44	235,000	264,878
Phoenix, AZ, Industrial Development Authority Education for: (Eegacy Fractional Schools 110, eega), 7, 77, 77, 77, 77, 77, 77, 77, 77, 77	435,000	437,797
Phoenix, AZ, Industrial Development Authority Rev. (Guam Facilities Foundation, Inc.), 5.375%, 2/01/41	330,000	333,590
Surprise, AZ, Municipal Property Corp., 4.9%, 4/01/32	800,000	813,728
Fempe, AZ, Industrial Development Authority Rev. (Friendship Village), A , 6.25%, 12/01/42	110,000	119,657
Tempe, AZ, Industrial Development Authority Rev. (Friendship Village), A , 6.25%, 12/01/46	85,000	92,317
		\$ 4,360,631
Arkansas - 0.2%		
Arkansas Development Finance Authority Hospital Rev. (Washington Regional Medical Center), A, 5%, 2/01/35	\$ 40,000	\$ 45,449
Arkansas Development Finance Authority Hospital Rev. (Washington Regional Medical Center), C, 5%, 2/01/33	60,000	68,423
Arkansas Development Finance Authority, Tobacco Settlement Rev. (Cancer Research Center Project), Capital Appreciation, AMBAC, 0%, 7/01/46	610,000	170,806
		\$ 284,678
California - 15.4%		
Bay Area Toll Authority, CA, Toll Bridge Rev. (San Francisco Bay Area), F1, 5%, 4/01/34 (Prerefunded 4/01/18)	\$ 1,250,000	\$ 1,363,588

Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/31350,000224,504Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/32355,000224,504

Portfolio of Investments (unaudited) continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds - continued		
California - continued		* *** ***
Beverly Hills, CA, Unified School District (Election of 2008), Capital Appreciation, 0%, 8/01/33	\$ 715,000	\$ 428,528
California Educational Facilities Authority Rev., 5%, 2/01/26	295,000	303,151
California Educational Facilities Authority Rev. (Chapman University), 5%, 4/01/31 California Educational Facilities Authority Rev. (University of Southern California), A , 5.25%, 10/01/38	190,000 1,650,000	213,431 1,832,457
California Health Facilities Financing Authority Rev. (St. Joseph Health System), A , 5.75%, 7/01/39	125,000	1,852,457
California Health Facilities Financing Authority Rev. (St. Joseph Health System), A, 5%, 11/15/42	1,000,000	1,027,610
California Health Facilities Financing Authority Rev. (Sutter Health), B, 5.875%, 8/15/31	835,000	1,007,703
California Housing Finance Agency Rev. (Home Mortgage), G , 4.95%, 8/01/23	1,875,000	1,919,681
California Housing Finance Agency Rev. (Home Mortgage), I, 4.8%, 8/01/36	60,000	60,062
California M-S-R Energy Authority Gas Rev., A , 7%, 11/01/34	155,000	225,649
California M-S-R Energy Authority Gas Rev., A , 6.5%, 11/01/39	650,000	907,095
California Municipal Finance Authority Rev. (Biola University), 5.8%, 10/01/28	100,000	108,200
California Municipal Finance Authority Rev. (Northbay Healthcare Group), 5%, 11/01/35	45,000	50,188
California Pollution Control Financing Authority, Solid Waste Disposal Rev. (Republic Services, Inc.), B , 5.25%, 6/01/23		
(Put Date 12/01/17)	270,000	288,333
California Pollution Control Financing Authority, Water Furnishing Rev. (Poseidon Resources Desalination Project), 5%, 11/21/45	530,000	577,366
California Pollution Control Financing Authority, Water Furnishing Rev. (San Diego County Water Desalination Project		
Pipeline), 5%, 11/21/45	345,000	352,973
California Public Works Board Lease Rev., Department of Corrections and Rehabilitation (Various Correctional Facilities), A , 5%, 9/01/33	1,290,000	1,534,636
California School Finance Authority, School Facility Rev. (Alliance for College-Ready Public Schools Projects), A , 5%,		
7/01/30	45,000	49,844
California School Finance Authority, School Facility Rev. (Alliance for College-Ready Public Schools Projects), A , 5%, 7/01/45	130,000	139,308
California School Finance Authority, School Facility Rev. (ICEF View Park Elementary and Middle Schools), A , 5.875%,		
10/01/44	150,000	161,070
California Statewide Communities Development Authority Environmental Facilities Rev. (Microgy Holdings Project),		
9%, 12/01/38 (a)(d)	63,113	473
California Statewide Communities Development Authority Rev. (California Baptist University), A , 6.125%, 11/01/33 California Statewide Communities Development Authority Rev. (Catholic Healthcare West), K , ASSD GTY, 5.5%,	100,000	110,165
7/01/41 California Statewide Communities Development Authority Rev. (Lancer Educational Student Housing Project), 5.625%,	1,545,000	1,622,775
6/01/33	1,015,000	1,041,410
California Statewide Communities Development Authority Rev. (Lancer Plaza Project), 5.625%, 11/01/33	125,000	129,838
California Statewide Communities Development Authority Rev. (Loma Linda University Medical Center), A , 5.25%, 12/01/34		
California Statewide Communities Development Authority Rev. (Loma Linda University Medical Center), A , 5.25%,	225,000	250,333
12/01/44	345,000	372,862
California Statewide Communities Development Authority Rev. (Los Angeles Jewish Home for The Aging - Fountainview	175 000	176 152
at Gonda), D, 4.75%, 8/01/20 Chula Vista, CA, Industrial Development Rev. (San Diego Gas & Electric Co.), E, 5.875%, 1/01/34	175,000 310,000	176,153 357,585
District of Southern CA, Water Replenishment Financing Authority Assessment Rev., 5%, 8/01/36	120,000	357,585 143,706
District of Southern CA, Water Replenishment Financing Authority Assessment Rev., 5%, 8/01/37	125,000	149,234
District of Southern CA, Water Replenishment Financing Authority Assessment Rev., 5%, 8/01/37	270,000	317,912
Golden State, CA, Tobacco Securitization Corp., Tobacco Settlement Rev., A-1, 5.75%, 6/01/47	380,000	364,811
Inland Valley, CA, Development Successor Agency Tax Allocation, A, 5%, 9/01/44	260,000	292,822
Jurupa, CA, Public Financing Authority, Special Tax Rev., A , 5%, 9/01/42	215,000	239,886
La Verne, CA, COP (Brethren Hillcrest Homes), 5%, 5/15/36	65,000	70,203
Long Beach, CA, Marina Rev. (Alamitos Bay Marina Project), 5%, 5/15/35	40,000	45,057
Los Angeles County, CA, Redevelopment Refunding Authority Tax Allocation Rev. D , 5%, 9/01/22	330,000	396,271
Los Angeles County, CA, Redevelopment Refunding Authority Tax Allocation Rev. D , 5%, 9/01/23	330,000	398,251
Los Angeles County, CA, Regional Financing Authority Rev. (Montecedro Inc. Project), A , CALHF, 5%, 11/15/34	50,000	57,544
Los Angeles County, CA, Regional Financing Authority Rev. (Montecedro Inc. Project), A , CALHF, 5%, 11/15/44	80,000	90,959
Los Angeles County, CA, Regional Financing Authority Rev. (Montecedro Inc. Project), B-2, CALHF, 3%, 11/15/20	45,000	45,108
Los Angeles County, CA, Regional Financing Authority Rev. (Montecedro Inc. Project), B-3 , CALHF, 2.5%, 11/15/20	65,000	65,127
Los Angeles, CA, Unified School District, D, 5%, 1/01/34	210,000	236,263
Palomar Pomerado Health Care District, CA, COP, 6.75%, 11/01/39	1,125,000	1,259,370
San Diego, CA, Redevelopment Agency, Tax Allocation Rev., Capital Appreciation, AGM, 0%, 9/01/22	1,910,000	1,664,412
	35,000	38,773

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San Francisco, CA, City & County Redevelopment Successor Agency, Tax Allocation (Mission Bay South Public Improvements), A , 5%, 8/01/43 San Jose, CA, Airport Rev., A-2 , 5.25%, 3/01/34 960,000 State of California, 5.25%, 10/01/28

Portfolio of Investments (unaudited) continued

Issuer	Shares/Par	Value (\$)
Municipal Bonds - continued		
California - continued		*
State of California, 5.25%, 9/01/30	\$ 1,005,000	\$ 1,192,915
Whittier, CA, Health Facility Rev. (PIH Health), 5%, 6/01/44	430,000	482,761
		\$ 26,364,345
Colorado - 7.2%		
Colorado Educational & Cultural Facilities Authority Rev. (Peak to Peak Charter School Project), 5%, 8/15/30	\$ 50,000	\$ 56,694
Colorado Educational & Cultural Facilities Authority Rev. (Peak to Peak Charter School Project), 5%, 8/15/34	50,000	56,191
Colorado Educational & Cultural Facilities Authority Rev. (The Classical Academy Project), 5%, 12/01/31	85,000	97,508
Colorado Educational & Cultural Facilities Authority Rev. (The Classical Academy Project), A , 5%, 12/01/38	95,000	105,435
Colorado Health Facilities Authority Rev. (American Baptist Homes), 8%, 8/01/43	250,000	299,455
Colorado Health Facilities Authority Rev. (American Baptist Homes), A , 5.9%, 8/01/37	260,000	262,501
Colorado Health Facilities Authority Rev. (Covenant Retirement Communities, Inc. Project), A , 5%, 12/01/35	195,000	214,223
Colorado Health Facilities Authority Rev. (Evangelical Lutheran Good Samaritan Society), 5.625%, 6/01/43	130,000	150,991
Colorado Regional Transportation District, Private Activity Rev. (Denver Transportation Partners), 6%, 1/15/34	795,000	895,957
Colorado Regional Transportation District, Private Activity Rev. (Denver Transportation Partners), 6%, 1/15/41	385,000	432,409
Denver, CO, City & County Airport Rev. (United Airlines), 5.75%, 10/01/32	620,000	648,235
Denver, CO, City & County Airport Systems Rev., A , 5%, 11/15/28	205,000	233,202
Denver, CO, City & County Airport, B, ETM, 6.125%, 11/15/25	2,840,000	2,854,342
Denver, CO, City & County Airport, C, ETM, 6.125%, 11/15/25	2,280,000	2,894,164
Denver, CO, Health & Hospital Authority Rev., A , 5.25%, 12/01/45	125,000	138,841
E-470 Public Highway Authority, CO, Capital Appreciation, B, NATL, 0%, 9/01/18	1,500,000	1,443,675
Park Creek Metropolitan District of Columbia Rev. (Senior Limited Property Tax Supported), A , 5%, 12/01/45	475,000	527,207
Salida, CO, Hospital District Rev., 5.25%, 10/01/36	878,000	881,494
Tallyn s Reach, CO, Metropolitan District No. 3, CO, 5.125%, 11/01/38	100,000	106,471
		\$ 12,298,995
Connecticut - 0.5%		
Mohegan Tribal Finance Authority, CT, Economic Development Bonds, 7%, 2/01/45 (n)	\$ 500,000	\$ 493,795
Mohegan Tribe Indians, CT, Gaming Authority Rev., C, 4.75%, 2/01/20 (n)	420,000	421,042
		\$ 914,837
Delaware - 0.4%		
Wilmington, DE, Multi-Family Housing Rev. (Electra Arms Senior Associates), 6.25%, 6/01/28	\$ 665,000	\$ 665,399
District of Columbia - 2.0%		
District of Columbia Housing Finance Agency (Henson Ridge), E, FHA, 5.1%, 6/01/37	\$ 1,000,000	\$ 1,013,000
District of Columbia Rev. (Kipp, D.C. Charter School), A , 6%, 7/01/33	55,000	64,061
District of Columbia Rev. (Kipp, D.C. Charter School), A , 6%, 7/01/43	140,000	162,079
District of Columbia Rev. (Methodist Home of the District of Columbia Issue), 4.5%, 1/01/25	85,000	