

FEDERATED PREMIER MUNICIPAL INCOME FUND

Form N-Q

October 25, 2016

United States

Securities and Exchange Commission

Washington, D.C. 20549

Form N-Q

Quarterly Schedule of Portfolio Holdings of Registered Management Investment Companies

811-21235

(Investment Company Act File Number)

Federated Premier Municipal Income Fund

(Exact Name of Registrant as Specified in Charter)

Federated Investors Funds

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4000 Ericsson Drive

Warrendale, PA 15086-7561

(Address of Principal Executive Offices)

(412) 288-1900

(Registrant's Telephone Number)

John W. McGonigle, Esquire

Federated Investors Tower

1001 Liberty Avenue

Pittsburgh, Pennsylvania 15222-3779

(Name and Address of Agent for Service)

(Notices should be sent to the Agent for Service)

Date of Fiscal Year End: 11/30/16

Date of Reporting Period: Quarter ended 08/31/16

Item 1. Schedule of Investments

Federated Premier Municipal Income Fund

Portfolio of Investments

August 31, 2016 (unaudited)

Principal Amount		Value
	MUNICIPAL BONDS—100.0%	
	Alabama—2.0%	
\$1,145,000	Alabama State Port Authority, Docks Facilities Revenue Bonds (Series 2010), 6.00% (Original Issue Yield: 6.25%), 10/1/2040	\$1,359,699
415,000	Selma, AL IDB, Gulf Opportunity Zone Bonds (Series 2010A), 5.80% (International Paper Co.), 5/1/2034	479,230
1,000,000	Selma, AL IDB, Revenue Bonds (Series 2011A), 5.375% (International Paper Co.), 12/1/2035	1,158,400
	TOTAL	2,997,329
	Arizona—1.0%	
1,000,000	Phoenix, AZ IDA, Education Facility Revenue Bonds (Series 2014A), 5.00% (Great Heart Academies), 7/1/2034	1,131,200
320,000	^{1,2} Verrado Community Facilities District No. 1, AZ, District GO Refunding Bonds (Series 2013A), 6.00%, 7/15/2027	365,536
	TOTAL	1,496,736
	California—11.2%	
300,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2014A), 5.00% (KIPP LA), 7/1/2034	340,254
250,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2014A), 5.125% (KIPP LA), 7/1/2044	283,658
400,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2015A), 5.00% (KIPP LA), 7/1/2035	458,652
1,000,000	California State, Various Purpose UT GO Bonds, 5.00%, 9/1/2030	1,190,300
375,000	^{1,2}	428,096

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	California Statewide CDA, Revenue Bonds (Series 2016A), 5.00% (Loma Linda University Medical Center), 12/1/2046	
375,000	^{1,2} California Statewide CDA, Revenue Refunding Bonds (Series 2014A), 5.25% (899 Charleston LLC), 11/1/2044	422,096
1,110,000	Chula Vista, CA Municipal Finance Authority, Special Tax Revenue Refunding Bonds (Series 2013), 5.50%, 9/1/2028	1,359,872
1,000,000	Foothill/Eastern Transportation Corridor Agency, CA, Toll Road Refunding Revenue Bonds (Series 2013A), 5.75% (Original Issue Yield: 6.05%), 1/15/2046	1,194,500
2,000,000	Golden State Tobacco Securitization Corp., CA, Tobacco Settlement Asset-Backed Revenue Bonds (Series 2007A-1), 4.50%, 6/1/2027	2,031,380
110,000	Irvine, CA Reassessment District No. 13-1, LO Improvement Bonds, 5.00%, 9/2/2021	130,783
2,500,000	M-S-R Energy Authority, CA, Gas Revenue Bonds (Series 2009A), 7.00% (Citigroup, Inc. GTD), 11/1/2034	3,823,575
2,000,000	San Francisco, CA City & County Airport Commission, Second Series Revenue Bonds (Series 2009E), 5.50%, 5/1/2025	2,246,000
1,000,000	San Jose, CA Airport, Airport Revenue Bonds (Series 2011A-2), 5.00% (Original Issue Yield: 5.05%), 3/1/2031	1,143,010
1,500,000	University of California (The Regents of), Limited Project Revenue Bonds (Series 2012G), 5.00%, 5/15/2031	1,800,030
	TOTAL	16,852,206
	Colorado—4.2%	
820,000	Castle Oaks, CO Metropolitan District No. 3, LT GO Completion Bonds (Series 2016), 5.50%, 12/1/2045	854,219
500,000	^{1,2} Colorado Educational & Cultural Facilities Authority, Charter School Refunding & Improvement Revenue Bonds (Series 2015), 5.00% (University Lab School), 12/15/2035	538,850
1,250,000	Colorado Health Facilities Authority, Revenue Bonds (Series 2013A), 5.00% (Sisters of Charity of Leavenworth Health System), 1/1/2044	1,461,812
230,000	Colorado State Higher Education Capital Construction Lease Purchase Financing Program, COPs (Series 2008), 5.50% (United States Treasury PRF 11/1/2018@ 100)/(Original Issue Yield: 5.60%), 11/1/2027	253,925
1,480,000	Public Authority for Colorado Energy, Natural Gas Purchase Revenue Bonds (Series 2008), 6.25% (Bank of America Corp. GTD)/(Original Issue Yield: 6.63%), 11/15/2028	1,981,261
1,000,000	University of Colorado, Tax-Exempt University Enterprise Revenue Bonds (Series 2013A), 5.00%, 6/1/2037	1,209,580
	TOTAL	6,299,647
	Delaware—0.5%	
715,000	Delaware EDA, Gas Facilities Refunding Bonds, 5.40% (Delmarva Power and Light Co.), 2/1/2031	806,306
	District of Columbia—1.4%	
1,470,000	District of Columbia Tobacco Settlement Financing Corp., Asset Backed Revenue Bonds, 6.50% (Original Issue Yield: 6.67%), 5/15/2033	1,812,157
225,000	District of Columbia, Revenue Bonds (Series 2013A), 6.00% (KIPP DC), 7/1/2048	269,132
	TOTAL	2,081,289
	Florida—6.7%	
850,000	Florida State Municipal Power Agency, All-Requirements Power Supply Project Refunding Revenue Bonds (Series 2016A), 5.00%, 10/1/2024	1,066,104

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Florida—continued	
\$1,000,000	Harbor Bay, FL Community Development District, Special Assessment Revenue Bonds, 6.75%, 5/1/2034	\$1,004,230
1,000,000	Jacksonville, FL Sales Tax, Refunding Revenue Bonds (Series 2012), 5.00%, 10/1/2030	1,189,140
750,000	Jacksonville, FL Sales Tax, Refunding Revenue Bonds (Series 2012A), 5.00%, 10/1/2029	882,607
2,000,000	Miami-Dade County, FL Transit System, Sales Surtax Revenue Bonds (Series 2012), 5.00%, 7/1/2042	2,352,260
1,000,000	Miami-Dade County, FL Water & Sewer, Water & Sewer System Revenue Refunding Bonds (Series 2015), 5.00%, 10/1/2023	1,243,090
165,000	Palm Beach County, FL Health Facilities Authority, Revenue Bonds (Series 2014A), 7.25% (Sinai Residences of Boca Raton), 6/1/2034	202,433
1,000,000	South Lake County, FL Hospital District, Revenue Bonds (Series 2009A), 6.00% (South Lake Hospital, Inc.)/(Original Issue Yield: 6.05%), 4/1/2029	1,121,120
200,000	Tolomato Community Development District, FL, Special Assessment Refunding Revenue Bonds (Series A-1), 6.65%, 5/1/2040	201,930
10,000	^{3,4} Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 1), 6.65%, 5/1/2040	10,230
285,000	Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 2015-1), 0.00% (Step Coupon 11/1/2021@6.61%)/(Original Issue Yield: 6.93%), 5/1/2040	178,188
180,000	Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 2015-2), 0.00% (Step Coupon 11/1/2024@ 6.61%)/(Original Issue Yield: 6.752%), 5/1/2040	95,351
195,000	^{3,4} Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 2015-3), 6.61%, 5/1/2040	2
160,000	^{3,4} Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 3), 6.65%, 5/1/2040	2
55,000	Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series A-2), 0.00% (Step Coupon 5/1/2017@ 6.61%)/(Original Issue Yield: 6.61%), 5/1/2039	44,453
130,000	Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series A-3), 0.00% (Step Coupon 5/1/2019@ 6.61%), 5/1/2040	78,598
65,000	Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series A-4), 0.00% (Step Coupon 5/1/2022@ 6.61), 5/1/2040	29,148
430,000	Winter Garden Village at Fowler Groves Community Development District, FL, Special Assessment Bonds (Series 2006), 5.65%, 5/1/2037	430,671
	TOTAL	10,129,557
	Georgia—2.0%	
1,000,000	Atlanta, GA Airport General Revenue, Airport General Revenue Refunding Bonds (Series 2010C), 6.00%, 1/1/2030	1,214,350
1,500,000	Atlanta, GA Water & Wastewater, Revenue Bonds (Series 2009A), 6.00% (United States Treasury PRF 11/1/2019@ 100)/(Original Issue Yield: 6.14%), 11/1/2024	1,747,830
	TOTAL	2,962,180
	Guam—0.7%	

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375,000	Guam Government LO (Section 30), Revenue Refunding Bonds (Series 2016A), 5.00%, 12/1/2034	449,903
500,000	Guam Government LO (Section 30), Bonds (Series 2009A), 5.625% (United States Treasury PRF 12/1/2019@100)/(Original Issue Yield: 5.875%), 12/1/2029	576,505
	TOTAL	1,026,408
	Hawaii—0.6%	
750,000	Hawaii State Department of Budget & Finance, Special Purpose Revenue Bonds (Series 2009), 6.50% (Hawaiian Electric Co., Inc.), 7/1/2039	848,573
	Idaho—0.6%	
875,000	Idaho Health Facilities Authority, Revenue Bonds (Series 2013A), 7.375% (Terraces of Boise)/(Original Issue Yield: 7.50%), 10/1/2029	972,711
	Illinois—7.2%	
1,400,000	Chicago, IL Midway Airport, Second Lien Revenue Refunding Bonds (Series 2014B), 5.00%, 1/1/2035	1,631,098
625,000	Chicago, IL O'Hare International Airport, General Airport Third Lien Revenue Bonds (Series 2011C), 6.50%, 1/1/2041	758,256
1,000,000	Chicago, IL Special Assessment, Improvement Revenue Bonds, 6.75% (Lakeshore East Project)/(Original Issue Yield: 6.769%), 12/1/2032	1,004,050
1,315,000	Chicago, IL Water Revenue, Second Lien Water Revenue Refunding Bonds (Series 2004), 5.00%, 11/1/2024	1,581,537
500,000	Chicago, IL, Project & Refunding UT GO Bonds (Series 2003B), 5.50% (Original Issue Yield: 5.71%), 1/1/2032	530,470
420,000	DuPage County, IL, Special Tax Bonds (Series 2006), 5.625% (Naperville Campus LLC), 3/1/2036	422,831
175,000	Illinois Finance Authority, Revenue Refunding Bonds (Series 2016A), 4.00% (Depaul University), 10/1/2032	195,617
1,250,000	Illinois State Toll Highway Authority, Toll Highway Senior Refunding Revenue Bonds (Series 2010 A-1), 5.00%, 1/1/2031	1,394,300
1,000,000	Illinois State, UT GO Bonds (Series June 2013), 5.50% (Original Issue Yield: 5.65%), 7/1/2038	1,127,040
1,000,000	Illinois State, UT GO Refunding Bonds (Series May 2012), 5.00%, 8/1/2025	1,113,590

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Illinois—continued	
\$1,000,000	Metropolitan Pier & Exposition Authority, IL, McCormick Place Expansion Project Bonds (Series 2010A), 5.50%, 6/15/2050	\$1,079,180
	TOTAL	10,837,969
	Indiana—3.0%	
500,000	Indiana Municipal Power Agency, Power Supply System Revenue Bonds (Series 2013A), 5.25%, 1/1/2038	596,250
655,000	Indiana State Finance Authority Midwestern Relief, Midwestern Disaster Relief Revenue Bonds (Series 2012A), 5.00% (Ohio Valley Electric Corp.), 6/1/2032	709,286
1,500,000	Indiana State Finance Authority Wastewater Utilities, First Lien Wastewater Utility Revenue Bonds (Series 2011A), 5.25% (CWA Authority), 10/1/2031	1,788,075
1,200,000	Whiting, IN Environmental Facilities, Revenue Bonds (Series 2009), 5.25% (BP PLC), 1/1/2021	1,391,916
	TOTAL	4,485,527
	Iowa—0.5%	
700,000	Iowa Finance Authority, Midwestern Disaster Area Revenue Bonds (Series 2013), 5.50% (Iowa Fertilizer Co.), 12/1/2022	724,808
	Kansas—1.6%	
2,000,000	Wyandotte County, KS Unified Government Utility System, Improvement & Refunding Revenue Bonds (Series 2014A), 5.00%, 9/1/2044	2,392,540
	Kentucky—0.8%	
1,000,000	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds (Series 2013), 5.75% (Original Issue Yield: 5.95%), 7/1/2049	1,191,180
	Louisiana—0.2%	
235,000	St. Charles Parish, LA Gulf Opportunity Zone, Revenue Bonds (Series 2010), 4.00% TOBs (Valero Energy Corp.), Mandatory Tender 6/1/2022	261,186
	Maine—0.5%	
600,000	Maine Health & Higher Educational Facilities Authority, Revenue Bonds (Series 2011), 6.75% (Maine General Medical Center)/(Original Issue Yield: 7.00%), 7/1/2041	685,122
	Maryland—0.7%	
690,000	Maryland State EDC, Revenue Bonds (Series B), 5.75% (Ports America Chesapeake, Inc.)/(Original Issue Yield: 5.875%), 6/1/2035	771,082
200,000	Westminster, MD, Revenue Bonds (Series 2014A), 6.00% (Lutheran Village at Miller's Grant, Inc.), 7/1/2034	228,392
	TOTAL	999,474
	Massachusetts—0.4%	
500,000	Massachusetts Development Finance Agency, Revenue Bonds (Series 2012), 5.00% (Northeastern University), 10/1/2029	588,720
	Michigan—5.4%	
500,000	Michigan Finance Authority Local Government Loan Program, Revenue Refunding Second Lien Local Project Bonds (Series 2015C-1), 5.00% (Detroit, MI Sewage Disposal System), 7/1/2035	586,820
1,750,000	Michigan State Finance Authority Revenue, Local Government Loan Program Revenue Bonds (Series 2014B), 5.00% (Public Lighting Authority), 7/1/2039	2,003,155

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600,000	Michigan State Finance Authority Revenue, Senior Lien Revenue Bonds (Series 2014 D-1), 5.00% (Detroit, MI Water Supply System)/(AGM INS), 7/1/2037	702,834
1,000,000	Michigan State Hospital Finance Authority, Refunding Revenue Bonds, 5.75% (Henry Ford Health System, MI)/(Original Issue Yield: 6.00%), 11/15/2039	1,138,910
1,705,000	Royal Oak, MI Hospital Finance Authority, Refunding Revenue Bonds (Series 2014D), 5.00% (Beaumont Health Credit Group), 9/1/2033	2,008,899
1,490,000	Wayne County, MI Airport Authority, Revenue Bonds (Series 2012A), 5.00%, 12/1/2037	1,688,572
	TOTAL	8,129,190
	Minnesota—1.0%	
1,000,000	Baytown Township, MN, Lease Revenue Bonds (Series 2008A), 7.00% (St. Croix Preparatory Academy)/(Original Issue Yield: 7.05%), 8/1/2038	1,022,520
400,000	Western Minnesota Municipal Power Agency, MN, Power Supply Revenue Bonds (Series 2014A), 5.00%, 1/1/2040	476,948
	TOTAL	1,499,468
	Mississippi—1.3%	
1,240,000	Lowndes County, MS Solid Waste Disposal, PCR Refunding Bonds (Project A), 6.80% (Weyerhaeuser Co.), 4/1/2022	1,545,871
315,000	Warren County, MS Gulf Opportunity Zone, Gulf Opportunity Zone Bonds (Series 2011A), 5.375% (International Paper Co.), 12/1/2035	353,023
	TOTAL	1,898,894

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Nebraska—2.3%	
\$2,000,000	Central Plains Energy Project, NE, Gas Project Revenue Bonds (Project No. 3) (Series 2012), 5.00% (Goldman Sachs Group, Inc. GTD)/(Original Issue Yield: 5.05%), 9/1/2042	\$2,253,240
1,000,000	Nebraska Public Power District, General Revenue Bonds (Series 2014A), 5.00%, 1/1/2039	1,168,670
	TOTAL	3,421,910
	New Jersey—3.8%	
2,000,000	New Jersey EDA, School Facilities Construction Refunding Bonds (Series 2014PP), 5.00% (New Jersey State), 6/15/2031	2,264,040
600,000	New Jersey State Transportation Trust Fund Authority, Transportation System Bonds (Series 2011A), 6.00% (New Jersey State), 6/15/2035	695,670
1,500,000	New Jersey Turnpike Authority, Turnpike Revenue Bonds (Series 2016A), 5.00%, 1/1/2034	1,831,350
1,000,000	Tobacco Settlement Financing Corp., NJ, Tobacco Settlement Asset-Backed Bonds (Series 2007-1), 4.625% (Original Issue Yield: 4.85%), 6/1/2026	1,009,260
	TOTAL	5,800,320
	New Mexico—0.7%	
1,000,000	Farmington, NM, PCR Revenue Refunding Bonds (Series 2010E), 5.90% (Public Service Co., NM), 6/1/2040	1,134,950
	New York—9.3%	
1,000,000	Brooklyn Arena Local Development Corp., NY, PILOT Revenue Bonds (Series 2009), 6.375% (United States Treasury PRF 1/15/2020@100)/(Original Issue Yield: 6.476%), 7/15/2043	1,186,070
200,000	Brooklyn Arena Local Development Corporation, NY, PILOT Revenue Refunding Bonds (Series 2016A), 5.00%, 7/15/2042	242,436
1,000,000	Erie County, NY IDA, School Facility Refunding Revenue Bonds (Series 2011B), 5.00% (Buffalo, NY City School District), 5/1/2020	1,150,280
1,000,000	Hudson Yards Infrastructure Corp. NY, Hudson Yards Senior Revenue Bonds (Series 2012A), 5.75%, 2/15/2047	1,178,960
1,000,000	New York City, NY Municipal Water Finance Authority, Water and Sewer System Revenue Bonds (Series 2008DD), 5.50% (United States Treasury PRF 6/15/2018@ 100) (Original Issue Yield: 5.57%), 6/15/2026	1,087,110
900,000	New York City, NY TFA, Future Tax Secured Subordinate Revenue Bonds (Series 2014A-1), 5.00%, 8/1/2036	1,110,852
1,000,000	New York City, NY, UT GO Bonds (Fiscal 2014 Subseries D-1), 5.00%, 8/1/2030	1,218,840
2,000,000	New York Liberty Development Corp., Liberty Revenue Bonds (Series 2011), 5.75% (4 World Trade Center), 11/15/2051	2,401,840
1,000,000	1,2 New York Liberty Development Corp., Revenue Bonds (Series 2014 Class 1), 5.00% (3 World Trade Center), 11/15/2044	1,159,450
1,030,000	New York Liberty Development Corp., Revenue Refunding Bonds (Series 2012 Class 2), 5.00% (7 World Trade Center LLC), 9/15/2043	1,180,184
1,000,000	New York State Dormitory Authority, State Personal Income Tax Revenue Bonds (Series 2015B), 5.00% (New York State Personal Income Tax Revenue Bond Fund), 2/15/2028	1,262,700
750,000	New York State Thruway Authority, General Revenue Bonds (Series 2012I), 5.00% (New York State Thruway Authority - General Revenue), 1/1/2037	877,755
	TOTAL	14,056,477

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	North Carolina—2.9%	
2,385,000	Charlotte-Mecklenburg Hospital Authority, NC, Health Care Revenue & Refunding Revenue Bonds (Series 2012A), 5.00% (Carolinas HealthCare System), 1/15/2043	2,742,440
375,000	North Carolina Medical Care Commission, Health Care Facilities First Mortgage Revenue Refunding Bonds (Series 2015), 5.00% (Pennybyrn at Maryfield), 10/1/2035	418,489
1,000,000	North Carolina Municipal Power Agency No. 1, Refunding Revenue Bonds (Series 2015A), 5.00%, 1/1/2031	1,249,410
	TOTAL	4,410,339
	Ohio—4.3%	
500,000	American Municipal Power-Ohio, Inc., Refunding Revenue Bonds (Series 2015A), 5.00% (American Municipal Power, Prairie State Energy Campus Project), 2/15/2042	589,380
1,500,000	Buckeye Tobacco Settlement Financing Authority, OH, Tobacco Settlement Asset-Backed Bonds (Series A-2), 6.50%, 6/1/2047	1,539,225
945,000	Lucas County, OH, Revenue Bonds (Series 2011A), 6.00% (ProMedica Healthcare Obligated Group)/(Original Issue Yield: 6.22%), 11/15/2041	1,154,506
745,000	Muskingum County, OH, Hospital Facilities Revenue Bonds (Series 2013), 5.00% (Genesis Healthcare Corp.), 2/15/2027	827,233
800,000	Ohio State Turnpike & Infrastructure Commission, Turnpike Junior Lien Revenue Bonds (Series 2013A-1), 5.25%, 2/15/2030	976,216
450,000	Ohio State University, Revenue Bonds (Series 2008A), 5.00%, 12/1/2026	492,827
750,000	University of Cincinnati, OH, General Receipts Bonds (Series 2013C), 5.00%, 6/1/2039	911,850
	TOTAL	6,491,237
	Oregon—0.5%	
500,000	^{1,2} Cow Creek Band of Umpqua Tribe of Indians, Tax-Exempt Tax Revenue Bonds (Series 2006C), 5.625%, 10/1/2026	501,010

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	MUNICIPAL BONDS—continued	
	Oregon—continued	
\$275,000	Yamhill County, OR Hospital Authority, Revenue Refunding Bonds (Series 2016A), 5.00% (Friendsview Retirement Community), 11/15/2036	\$304,986
	TOTAL	805,996
	Pennsylvania—6.1%	
1,000,000	Allentown, PA Neighborhood Improvement Zone Development Authority, Tax Revenue Bonds (Series 2012A), 5.00%, 5/1/2042	1,091,490
450,000	Cumberland County, PA Municipal Authority, Revenue Bonds (Series 2015, 5.00% (Diakon Lutheran Social Ministries), 1/1/2038	526,392
1,000,000	Delaware County, PA Authority, Revenue Bonds (Series 2015), 5.00% (Villanova University), 8/1/2040	1,206,680
1,500,000	Northampton County, PA General Purpose Authority, Hospital Revenue Bonds (Series 2008A), 5.50% (St. Luke's Hospital of Bethlehem)/(United States Treasury PRF 8/15/2018@100)/(Original Issue Yield: 5.60%), 8/15/2035	1,640,445
1,000,000	Pennsylvania State Turnpike Commission, Turnpike Subordinate Revenue Bonds (Series 2009D), 5.50%, 12/1/2041	1,119,540
1,000,000	Pennsylvania State Turnpike Commission, Turnpike Subordinate Revenue Bonds (Sub-Series B-1 of 2015), 5.00%, 12/1/2045	1,166,620
555,000	Philadelphia, PA Hospitals & Higher Education Facilities Authority, Hospital Revenue Bonds (Series 2012A), 5.625% (Temple University Health System Obligated Group)/(Original Issue Yield: 5.875%), 7/1/2042	622,621
1,630,000	Philadelphia, PA Water & Wastewater System, Water & Wastewater Revenue Bonds (Series 2009A), 5.00% (Original Issue Yield: 5.13%), 1/1/2027	1,770,099
	TOTAL	9,143,887
	Puerto Rico—0.2%	
500,000	Commonwealth of Puerto Rico, GO Bonds (Series 2014A), 8.00% (Original Issue Yield: 8.727%), 7/1/2035	326,875
	Tennessee—4.7%	
1,750,000	Johnson City, TN Health & Education Facilities Board, Hospital Revenue Bonds (Series 2010), 6.00% (Mountain States Health Alliance)/(Original Issue Yield: 6.07%), 7/1/2038	1,999,358
2,000,000	Rutherford County, TN Health and Educational Facilities Board, Revenue Bonds (Series 2012C), 5.00% (Ascension Health Alliance Senior Credit Group), 11/15/2047	2,340,620
2,580,000	Tennessee State School Board Authority, Higher Educational Facilities Second Program Bonds (Series 2008B), 5.50% (United States Treasury PRF 5/1/2018@ 100), 5/1/2038	2,789,470
	TOTAL	7,129,448
	Texas—8.6%	
640,000	Arlington, TX Higher Education Finance Corp., Revenue Bonds (Series 2016A), 5.00% (Uplift Education), 12/1/2036	748,506
1,000,000	Bexar County, HFDC, Revenue Refunding Bonds (Series 2007), 5.00% (Army Retirement Residence Foundation), 7/1/2033	1,020,120
1,050,000	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds (Series 2011), 6.25% (United States Treasury PRF 1/1/2021@100)/(Original Issue Yield: 6.30%), 1/1/2046	1,287,699
500,000	Clifton Higher Education Finance Corp., TX, Education Revenue Bonds (Series 2012), 5.00% (Idea Public Schools), 8/15/2032	561,405
750,000	Decatur, TX Hospital Authority, Hospital Revenue Bonds (Series 2014A), 5.25% (Wise Regional Health System)/(Original Issue Yield: 5.30%), 9/1/2044	815,250

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835,000	Grand Parkway Transportation Corp., TX, Subordinate Tier Toll Revenue Bonds (Series 2013B TELA Supported), 5.25%, 10/1/2051	997,558
2,000,000	Harris County, TX Cultural Education Facilities Finance Corp., Revenue Refunding Bonds (Series 2009), 5.625% (St. Luke's Health System)/(United States Treasury PRF 2/15/2019@ 100), 2/15/2025	2,240,560
385,000	HFDC of Central Texas, Inc., Retirement Facility Revenue Bonds (Series 2006A), 5.50% (Village at Gleannloch Farms, Inc.)/(United States Treasury PRF 2/15/2017@ 100), 2/15/2027	393,447
585,000	HFDC of Central Texas, Inc., Retirement Facility Revenue Bonds (Series 2006A), 5.50% (Village at Gleannloch Farms, Inc.)/(United States Treasury PRF 2/15/2017@ 100), 2/15/2037	597,835
200,000	Houston, TX Higher Education Finance Corp., Education Revenue Bonds (Series 2011A), 6.875% (Cosmos Foundation, Inc.) (United States Treasury PRF 5/15/2021@ 100), 5/15/2041	255,070
175,000	New Hope Cultural Education Facilities Finance Corporation, Retirement Facility Revenue Bonds (Series 2016), 5.00% (MRC Crestview), 11/15/2036	198,994
685,000	North Texas Tollway Authority, First Tier Revenue Refunding Bonds (Series 2015B), 5.00%, 1/1/2045	816,492
835,000	North Texas Tollway Authority, System First Tier Revenue Refunding Bonds (Series 2011B), 5.00% (Original Issue Yield: 5.12%), 1/1/2038	936,987
1,000,000	Tarrant County, TX Cultural Education Facilities Finance Corp., Retirement Facility Revenue Bonds (Series 2009), 6.375% (Air Force Village)/(Original Issue Yield: 6.50%), 11/15/2044	1,111,420

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Texas—continued	
\$880,000	Texas State Department of Housing & Community Affairs, Residential Mortgage Revenue Bonds (Series 2009A), 5.30% (GNMA COL), 7/1/2034	\$924,739
	TOTAL	12,906,082
	Washington—1.6%	
460,000	Tobacco Settlement Authority, WA, Tobacco Settlement Revenue Refunding Bonds (Series 2013), 5.25%, 6/1/2031	517,643
675,000	Washington State Housing Finance Commission, Nonprofit Housing Revenue Bonds (Series 2015A), 6.00% (Heron's Key Senior Living), 7/1/2025	723,917
1,000,000	Washington State, UT GO Bonds (Series 2015A-1), 5.00%, 8/1/2036	1,225,560
	TOTAL	2,467,120
	Wisconsin—1.5%	
2,000,000	Wisconsin State General Fund Appropriation, Revenue Bonds (Series 2009A), 6.00% (Wisconsin State)/(Original Issue Yield: 6.10%), 5/1/2036	2,262,480
	TOTAL MUNICIPAL BONDS (IDENTIFIED COST \$135,616,775)	150,524,141
	TOTAL MUNICIPAL INVESTMENTS—100% (IDENTIFIED COST \$135,616,775) ⁵	150,524,141
	OTHER ASSETS AND LIABILITIES—NET	2,449,165
	LIQUIDATION VALUE OF VARIABLE RATE MUNICIPAL TERM PREFERRED SHARES	(35,525,000)
	LIQUIDATION VALUE OF AUCTION MARKET PREFERRED SHARES	(18,150,000)
	TOTAL NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	\$99,298,306

At August 31, 2016, the Fund holds no securities that are subject to the federal alternative minimum tax (AMT).

At August 31, 2016, the fund had no outstanding futures contracts. The average notional value of long futures contracts held by the Fund throughout the period was \$3,264,859. This is based on amounts held as of each month-end throughout the nine-month fiscal period.

1 Denotes a restricted security that either: (a) cannot be offered for public sale without first being registered, or being able to take advantage of an exemption from registration, under the Securities Act of 1933; or (b) is subject to a contractual restriction on public sales. At August 31, 2016, these restricted securities amounted to \$5,221,519, which represented 5.3% of total net assets.

2 Denotes a restricted security that may be resold without restriction to “qualified institutional buyers” as defined in Rule 144A under the Securities Act of 1933 and that the Fund has determined to be liquid under criteria established by the Fund's Board of Trustees (the “Trustees”). At August 31, 2016, these liquid restricted securities amounted to \$5,221,519, which represented 5.3% of total net assets.

3 Security in default.

4 Non-income-producing security.

5 At August 31, 2016, the cost of investments for federal tax purposes was \$135,475,148. The net unrealized appreciation of investments for federal tax purposes was \$15,048,993. This consists of net unrealized appreciation from investments for those securities having an excess of value over cost of \$15,179,705 and net unrealized depreciation from investments for those securities having an excess of cost over value of \$130,712.

6 Assets, other than investments in securities, less liabilities.

Note: The categories of investments are shown as a percentage of total market value at August 31, 2016.

Investment Valuation

In calculating its net asset value (NAV), the Fund generally values investments as follows:

Fixed-income securities acquired with remaining maturities greater than 60 days are fair valued using price evaluations provided by a pricing service approved by the Trustees.

Fixed-income securities acquired with remaining maturities of 60 days or less are valued at their cost (adjusted for the accretion of any discount or amortization of any premium), unless the issuer's creditworthiness is impaired or other factors indicate that amortized cost is not an accurate estimate of the investment's fair value, in which case it would be valued in the same manner as a longer-term security.

Shares of other mutual funds or non-exchange-traded investment companies are valued based upon their reported NAVs.

Derivative contracts listed on exchanges are valued at their reported settlement or closing price, except that options are valued at the mean of closing bid and asked quotations.

Over-the-counter (OTC) derivative contracts are fair valued using price evaluations provided by a pricing service approved by the Trustees.

For securities that are fair valued in accordance with procedures established by and under the general supervision of the Trustees, certain factors may be considered such as: the last traded or purchase price of the security, information obtained by contacting the issuer or dealers, analysis of the issuer's financial statements or other available documents, fundamental analytical data, the nature and duration of restrictions

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on disposition, the movement of the market in which the security is normally traded, public trading in similar securities or derivative contracts of the issuer or comparable issuers, movement of a relevant index, or other factors including but not limited to industry changes and relevant government actions.

If any price, quotation, price evaluation or other pricing source is not readily available when the NAV is calculated, or if the Fund cannot obtain price evaluations from a pricing service or from more than one dealer for an investment within a reasonable period of time as set forth in the Fund's valuation policies and procedures, the Fund uses the fair value of the investment determined in accordance with the procedures described below. There can be no assurance that the Fund could obtain the fair value assigned to an investment if it sold the investment at approximately the time at which the Fund determines its NAV per share.

Fair Valuation Procedures

The Trustees have ultimate responsibility for determining the fair value of investments for which market quotations are not readily available. The Trustees have appointed a valuation committee ("Valuation Committee") comprised of officers of the Fund, Federated Investment Management Company ("Adviser") and certain of the Adviser's affiliated companies to assist in determining fair value of securities and in overseeing the calculation of the NAV. The Trustees have also authorized the use of pricing services recommended by the Valuation Committee to provide fair value evaluations of the current value of certain investments for purposes of calculating the NAV. The Valuation Committee employs various methods for reviewing third-party pricing-service evaluations including periodic reviews of third-party pricing services' policies, procedures and valuation methods (including key inputs, methods, models and assumptions), transactional back-testing, comparisons of evaluations of different pricing services and review of price challenges by the Adviser based on recent market activity. In the event that market quotations and price evaluations are not available for an investment, the Valuation Committee determines the fair value of the investment in accordance with procedures adopted by the Trustees. The Trustees periodically review and approve the fair valuations made by the Valuation Committee and any changes made to the procedures.

Factors considered by pricing services in evaluating an investment include the yields or prices of investments of comparable quality, coupon, maturity, call rights and other potential prepayments, terms and type, reported transactions, indications as to values from dealers and general market conditions. Some pricing services provide a single price evaluation reflecting the bid-side of the market for an investment (a "bid" evaluation). Other pricing services offer both bid evaluations and price evaluations indicative of a price between the prices bid and asked for the investment (a "mid" evaluation). The Fund normally uses bid evaluations for any U.S. Treasury and Agency securities, mortgage-backed securities and municipal securities. The Fund normally uses mid evaluations for any other types of fixed-income securities and any OTC derivative contracts. In the event that market quotations and price evaluations are not available for an investment, the fair value of the investment is determined in accordance with procedures adopted by the Trustees.

Various inputs are used in determining the value of the Fund's investments. These inputs are summarized in the three broad levels listed below:

Level 1—quoted prices in active markets for identical securities.

Level 2—other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.). Also includes securities valued at amortized cost.

Level 3—significant unobservable inputs (including the Fund's own assumptions in determining the fair value of investments).

As of August 31, 2016, all investments of the Fund utilized Level 2 inputs in valuing the Fund's assets carried at fair value.

The following acronyms are used throughout this portfolio:

AGM —Assured Guaranty Municipal Corp.

CDA —Community Development Authority

COL —Collateralized

COPs —Certificates of Participation

EDA —Economic Development Authority

EDC —Economic Development Corporation

GNMA—Government National Mortgage Association

GO —General Obligation

GTD —Guaranteed
HFDC —Health Facility Development Corporation
IDA —Industrial Development Authority
IDB —Industrial Development Bond
INS —Insured
LO —Limited Obligation
LT —Limited Tax
PCR —Pollution Control Revenue
PRF —Pre-refunded
TELA —Toll Equity Loan Agreement
TFA —Transitional Finance Authority
TOBs —Tender Option Bonds
UT —Unlimited Tax

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Item 2. Controls and Procedures

(a) The registrant's Principal Executive Officer and Principal Financial Officer have concluded that the registrant's disclosure controls and procedures (as defined in rule 30a-3(c) under the Act) are effective in design and operation and are sufficient to form the basis of the certifications required by Rule 30a-2) under the Act, based on their evaluation of these disclosure controls and procedures within 90 days of the filing date of this report on Form N-Q.

(b) There were no changes in the registrant's internal control over financial reporting (as defined in rule 30a-3(d) under the Act) during the last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits

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 **Federated Premier Municipal Income Fund**

By **/S/ Lori A. Hensler**

Lori A. Hensler

Principal Financial Officer

Date **October 24, 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.

By **/S/ J. Christopher Donahue**

J. Christopher Donahue

Principal Executive Officer

Date **October 24, 2016**

By **/S/ Lori A. Hensler**

Lori A. Hensler

Principal Financial Officer

Date **October 24, 2016**