

FEDERATED PREMIER MUNICIPAL INCOME FUND
Form N-Q
October 27, 2015

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: 11/30/15

Date of Reporting Period: Quarter ended 08/31/15

Item 1. Schedule of Investments

Federated Premier Municipal Income Fund

Portfolio of Investments

August 31, 2015 (unaudited)

Principal Amount		Value
	MUNICIPAL BONDS—98.6%	
	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	\$1,325,670
415,000	Selma, AL IDB, Gulf Opportunity Zone Bonds (Series 2010A), 5.80% (International Paper Co.), 5/1/2034	472,108
1,000,000	Selma, AL IDB, Revenue Bonds (Series 2011A), 5.375% (International Paper Co.), 12/1/2035	1,119,210
	TOTAL	2,916,988
	Arizona—0.9%	
1,000,000	^{1,2} Phoenix, AZ IDA, Education Facility Revenue Bonds (Series 2014A), 5.00% (Great Heart Academies), 7/1/2034	1,021,420
320,000	^{1,2} Verrado Community Facilities District No. 1, AZ, District GO Refunding Bonds (Series 2013A), 6.00%, 7/15/2027	355,536
	TOTAL	1,376,956
	California—10.0%	
300,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2014A), 5.00% (KIPP LA), 7/1/2034	317,088
250,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2014A), 5.125% (KIPP LA), 7/1/2044	263,508
400,000	^{1,2} California School Finance Authority, School Facility Revenue Bonds (Series 2015A), 5.00% (KIPP LA), 7/1/2035	423,884
1,000,000	California State, Various Purpose UT GO Bonds, 5.00%, 9/1/2030	1,140,880
375,000	^{1,2} California Statewide CDA, Revenue Refunding Bonds (Series 2014A), 5.25% (899 Charleston LLC), 11/1/2044	379,736
1,110,000	Chula Vista, CA Municipal Finance Authority, Special Tax Revenue Refunding Bonds (Series 2013), 5.50%, 9/1/2028	1,284,403
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	1,149,500
1,000,000		950,190

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Golden State Tobacco Securitization Corp., CA, Tobacco Settlement Asset-Backed Revenue Bonds (Series 2007A-1), 4.50%, 6/1/2027

110,000	Irvine, CA Reassessment District No. 13-1, LO Improvement Bonds, 5.00%, 9/2/2021	127,674
2,500,000	M-S-R Energy Authority, CA, Gas Revenue Bonds (Series 2009A), 7.00% (Citigroup, Inc. GTD), 11/1/2034	3,411,050
2,000,000	San Francisco, CA City & County Airport Commission, Second Series Revenue Bonds (Series 2009E), 5.50%, 5/1/2025	2,291,800
1,000,000	San Jose, CA Airport, Airport Revenue Bonds (Series 2011A-2), 5.00% (Original Issue Yield: 5.05%), 3/1/2031	1,097,520
1,500,000	University of California (The Regents of), Limited Project Revenue Bonds (Series 2012G), 5.00%, 5/15/2031	1,733,145
	TOTAL	14,570,378
	Colorado—3.5%	
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	502,760
1,250,000	Colorado Health Facilities Authority, Revenue Bonds (Series 2013A), 5.00% (Sisters of Charity of Leavenworth Health System), 1/1/2044	1,380,650
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	262,381
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	1,850,163
1,000,000	University of Colorado, Tax-Exempt University Enterprise Revenue Bonds (Series 2013A), 5.00%, 6/1/2037	1,126,290
	TOTAL	5,122,244
	Delaware—0.5%	
715,000	Delaware EDA, Gas Facilities Refunding Bonds, 5.40% (Delmarva Power and Light Co.), 2/1/2031	791,712
	District of Columbia—1.4%	
1,500,000	District of Columbia Tobacco Settlement Financing Corp., Asset Backed Revenue Bonds, 6.50% (Original Issue Yield: 6.67%), 5/15/2033	1,815,660
225,000	District of Columbia, Revenue Bonds (Series 2013A), 6.00% (KIPP DC), 7/1/2048	255,155
	TOTAL	2,070,815
	Florida—5.3%	
1,080,000	Harbor Bay, FL Community Development District, Special Assessment Revenue Bonds, 6.75%, 5/1/2034	1,083,953
1,000,000	Jacksonville, FL Sales Tax, Refunding Revenue Bonds (Series 2012), 5.00%, 10/1/2030	1,130,840
750,000	Jacksonville, FL Sales Tax, Refunding Revenue Bonds (Series 2012A), 5.00%, 10/1/2029	851,205
1,000,000	Miami-Dade County, FL Transit System, Sales Surtax Revenue Bonds (Series 2012), 5.00%, 7/1/2042	1,109,010

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Florida—continued	
\$1,000,000	Miami-Dade County, FL Water & Sewer , Water & Sewer System Revenue Refunding Bonds (Series 2015), 5.00%, 10/1/2023	\$1,184,340
165,000	Palm Beach County, FL Health Facilities Authority, Revenue Bonds (Series 2014A), 7.25% (Sinai Residences of Boca Raton), 6/1/2034	188,293
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	1,133,920
200,000	Tolomato Community Development District, FL, Special Assessment Refunding Revenue Bonds (Series A-1), 6.65%, 5/1/2040	202,630
10,000	^{3,4} Tolomato Community Development District, FL, Special Assessment Revenue Bonds (Series 1), 6.65%, 5/1/2040	10,194
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	175,665
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	93,834
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%), 5/1/2039	40,345
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	77,721
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	28,772
440,000	Winter Garden Village at Fowler Groves Community Development District, FL, Special Assessment Bonds (Series 2006), 5.65%, 5/1/2037	443,687
	TOTAL	7,754,413
	Georgia—2.8%	
1,000,000	Atlanta, GA Airport General Revenue, Airport General Revenue Refunding Bonds (Series 2010C), 6.00%, 1/1/2030	1,195,770
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	1,796,220
1,000,000	Atlanta, GA, Tax Allocation Bonds (Series 2005B), 5.60% (Eastside Tax Allocation District)/(Original Issue Yield: 5.65%), 1/1/2030	1,003,580
	TOTAL	3,995,570
	Guam—0.3%	
375,000	Guam Government LO (Section 30), Bonds (Series 2009A), 5.625% (Original Issue Yield: 5.875%), 12/1/2029	413,985
	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	853,238
	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	931,158
	Illinois—7.2%	

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800,000	Antioch Village, IL Special Service Area No. 1, Special Tax Revenue Bonds, 6.625% (Deercrest Project), 3/1/2033	720,912
1,400,000	Chicago, IL Midway Airport, Second Lien Revenue Refunding Bonds (Series 2014B), 5.00%, 1/1/2035	1,533,630
625,000	Chicago, IL O'Hare International Airport, General Airport Third Lien Revenue Bonds (Series 2011C), 6.50%, 1/1/2041	748,387
1,000,000	Chicago, IL Special Assessment, Improvement Revenue Bonds, 6.75% (Lakeshore East Project)/(Original Issue Yield: 6.769%), 12/1/2032	1,004,220
335,000	Chicago, IL, Refunding UT GO Bonds (Series 2007G), 5.50% (Original Issue Yield: 5.84%), 1/1/2042	303,919
695,000	Chicago, IL, UT GO Bonds (Project Series 2011A), 5.25%, 1/1/2035	622,595
420,000	DuPage County, IL, Special Tax Bonds (Series 2006), 5.625% (Naperville Campus LLC), 3/1/2036	421,407
625,000	Illinois Finance Authority, Revenue Bonds (Series 2005A), 6.00% (Landing at Plymouth Place)/(Original Issue Yield: 6.04%), 5/15/2037	624,975
1,250,000	Illinois State Toll Highway Authority, Toll Highway Senior Refunding Revenue Bonds (Series 2010 A-1), 5.00%, 1/1/2031	1,375,550
1,000,000	Illinois State, UT GO Bonds (Series June 2013), 5.50% (Original Issue Yield: 5.65%), 7/1/2038	1,061,270
1,000,000	Illinois State, UT GO Refunding Bonds (Series May 2012), 5.00%, 8/1/2025	1,047,150
1,000,000	Metropolitan Pier & Exposition Authority, IL, McCormick Place Expansion Project Bonds (Series 2010A), 5.50%, 6/15/2050	1,023,110
	TOTAL	10,487,125

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	MUNICIPAL BONDS—continued	
	Indiana—4.4%	
\$1,930,000	Indiana Health & Educational Facility Financing Authority, Revenue Bonds (Series 2005), 5.25% (Baptist Homes of Indiana)/(United States Treasury PRF 11/15/2015@100), 11/15/2035	\$1,950,053
500,000	Indiana Municipal Power Agency, Power Supply System Revenue Bonds (Series 2013A), 5.25%, 1/1/2038	566,795
655,000	Indiana State Finance Authority Midwestern Relief, Midwestern Disaster Relief Revenue Bonds (Series 2012A), 5.00% (Ohio Valley Electric Corp.), 6/1/2032	699,284
1,500,000	Indiana State Finance Authority Wastewater Utilities, First Lien Wastewater Utility Revenue Bonds (Series 2011A), 5.25% (CWA Authority), 10/1/2031	1,742,160
1,200,000	Whiting, IN Environmental Facilities, Revenue Bonds (Series 2009), 5.25% (BP PLC), 1/1/2021	1,385,808
	TOTAL	6,344,100
	Iowa—0.5%	
700,000	Iowa Finance Authority, Midwestern Disaster Area Revenue Bonds (Series 2013), 5.50% (Iowa Fertilizer Co.), 12/1/2022	740,012
	Kansas—1.5%	
2,000,000	Wyandotte County, KS Unified Government Utility System, Improvement & Refunding Revenue Bonds (Series 2014-A), 5.00%, 9/1/2044	2,202,320
	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	1,118,950
	Louisiana—0.2%	
235,000	St. Charles Parish, LA Gulf Opportunity Zone, Revenue Bonds (Series 2010), 4.00% (Valero Energy Corp.), Mandatory Tender 6/1/2022	247,051
	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	679,050
	Maryland—0.8%	
175,000	Maryland State EDC, Port Facilities Refunding Revenue Bonds (Series 2010), 5.75% (CONSOL Energy, Inc.), 9/1/2025	178,059
690,000	Maryland State EDC, Revenue Bonds (Series B), 5.75% (Ports America Chesapeake, Inc.)/(Original Issue Yield: 5.875%), 6/1/2035	736,796
200,000	Westminster, MD, Revenue Bonds (Series 2014A), 6.00% (Lutheran Village at Miller's Grant, Inc.), 7/1/2034	212,218
	TOTAL	1,127,073
	Massachusetts—0.4%	
500,000	Massachusetts State Development Finance Agency, Revenue Bonds (Series 2012), 5.00% (Northeastern University), 10/1/2029	562,015
	Michigan—4.9%	
1,750,000	Michigan State Finance Authority Revenue, Local Government Loan Program Revenue Bonds (Series 2014B), 5.00% (Public Lighting Authority), 7/1/2039	1,858,973
600,000	Michigan State Finance Authority Revenue, Senior Lien Revenue Bonds (Series 2014 D-1), 5.00% (Detroit, MI Water Supply System)/(Assured Guaranty Municipal Corp. INS), 7/1/2037	650,286
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	1,132,350
1,705,000		1,858,893

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	Royal Oak, MI Hospital Finance Authority, Refunding Revenue Bonds (Series 2014D), 5.00% (Beaumont Health Credit Group), 9/1/2033	
1,490,000	Wayne County, MI Airport Authority, Revenue Bonds (Series 2012A), 5.00%, 12/1/2037	1,614,072
	TOTAL	7,114,574
	Minnesota—2.3%	
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	1,037,030
1,500,000	Minnesota State, UT GO Bonds (Series 2015D), 5.00%, 8/1/2022	1,804,455
400,000	Western Minnesota Municipal Power Agency, MN, Power Supply Revenue Bonds (Series 2014A), 5.00%, 1/1/2040	448,864
	TOTAL	3,290,349
	Mississippi—1.3%	
1,240,000	Lowndes County, MS Solid Waste Disposal, PCR Refunding Bonds (Project A), 6.80%, (Weyerhaeuser Co.), 4/1/2022	1,544,296
315,000	Warren County, MS Gulf Opportunity Zone, Gulf Opportunity Zone Bonds (Series 2011A), 5.375% (International Paper Co.), 12/1/2035	351,531
	TOTAL	1,895,827

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Principal Amount		Value
	MUNICIPAL BONDS—continued	
	Nebraska—2.2%	
\$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	\$2,138,700
1,000,000	Nebraska Public Power District, General Revenue Bonds (Series 20014A), 5.00%, 1/1/2039	1,100,600
	TOTAL	3,239,300
	Nevada—0.8%	
1,000,000	Clark County, NV Airport System, Subordinate Lien Revenue Refunding Bonds (Series 2014A-2), 5.00%, 7/1/2035	1,112,280
	New Jersey—2.9%	
2,500,000	New Jersey EDA, School Facilities Construction Refunding Bonds (Series 2014PP), 5.00% (New Jersey State), 6/15/2031	2,560,550
600,000	New Jersey State Transportation Trust Fund Authority, Transportation System Bonds (Series 2011A), 6.00% (New Jersey State), 6/15/2035	661,746
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	962,190
	TOTAL	4,184,486
	New Mexico—0.8%	
1,000,000	Farmington, NM, PCR Revenue Refunding Bonds (Series 2010E), 5.90% (Public Service Co., NM), 6/1/2040	1,101,370
	New York—9.1%	
1,000,000	Brooklyn Arena Local Development Corporation, NY, Pilot Revenue Bonds (Series 2009), 6.375% (Original Issue Yield: 6.476%), 7/15/2043	1,157,490
1,000,000	Erie County, NY IDA, School Facility Refunding Revenue Bonds (Series 2011B), 5.00% (Buffalo, NY City School District), 5/1/2020	1,158,650
1,000,000	Hudson Yards Infrastructure Corp. NY, Hudson Yards Senior Revenue Bonds (Series 2012A), 5.75%, 2/15/2047	1,139,450
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	1,129,890
900,000	New York City, NY TFA, Future Tax Secured Subordinate Revenue Bonds (Series 2014A-1), 5.00%, 8/1/2036	1,027,782
1,000,000	New York City, NY, UT GO Bonds (Fiscal 2014 Subseries D-1), 5.00%, 8/1/2030	1,149,860
2,000,000	New York Liberty Development Corporation, Liberty Revenue Bonds (Series 2011), 5.75% (4 World Trade Center), 11/15/2051	2,306,760
1,000,000 ^{1,2}	New York Liberty Development Corporation, Revenue Bonds (Series 2014 Class 1), 5.00% (3 World Trade Center), 11/15/2044	1,001,390
1,030,000	New York Liberty Development Corporation, Revenue Refunding Bonds (Series 2012 Class 2), 5.00% (7 World Trade Center LLC), 9/15/2043	1,127,778
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	1,184,950
750,000	New York State Thruway Authority, General Revenue Bonds (Series 2012I), 5.00% (New York State Thruway Authority - General Revenue), 1/1/2037	839,580
	TOTAL	13,223,580
	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	2,604,730
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	388,841

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1,000,000	North Carolina Municipal Power Agency No. 1, Refunding Revenue Bonds (Series 2015A), 5.00%, 1/1/2031	1,159,180
	TOTAL	4,152,751
	Ohio—5.7%	
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	550,630
1,500,000	Buckeye Tobacco Settlement Financing Authority, OH, Tobacco Settlement Asset-Backed Bonds (Series A-2), 6.50%, 6/1/2047	1,303,155
1,000,000	Lorain County, OH Port Authority, Recovery Zone Facility Revenue Bonds (Series 2010), 6.75% (United States Steel Corp.), 12/1/2040	1,084,200
945,000	Lucas County, OH, Revenue Bonds (Series 2011A), 6.00% (ProMedica Healthcare Obligated Group)/(Original Issue Yield: 6.22%), 11/15/2041	1,131,581
745,000	Muskingum County, OH, Hospital Facilities Revenue Bonds (Series 2013), 5.00% (Genesis Healthcare Corp.), 2/15/2027	795,578
1,090,000	Ohio State Air Quality Development Authority, Revenue Bonds (Series 2009A), 5.70% (FirstEnergy Solutions Corp.), 8/1/2020	1,186,934
800,000	Ohio State Turnpike & Infrastructure Commission, Turnpike Junior Lien Revenue Bonds (Series 2013A-1), 5.25%, 2/15/2030	921,752
450,000	Ohio State University, Revenue Bonds (Series 2008A), 5.00%, 12/1/2026	503,420
750,000	University of Cincinnati, OH, General Receipts Bonds (Series 2013C), 5.00%, 6/1/2039	840,817
	TOTAL	8,318,067

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	MUNICIPAL BONDS—continued	
	Oregon—0.4%	
\$500,000	1.2 Cow Creek Band of Umpqua Tribe of Indians, Tax-Exempt Tax Revenue Bonds (Series 2006C), 5.625%, 10/1/2026	\$507,170
	Pennsylvania—4.6%	
1,000,000	Allentown, PA Neighborhood Improvement Zone Development Authority, Tax Revenue Bonds (Series 2012A), 5.00%, 5/1/2042	1,037,790
450,000	Cumberland County, PA Municipal Authority, Revenue Bonds (Series 2015), 5.00% (Diakon Lutheran Social Ministries), 1/1/2038	476,464
1,500,000	Northampton County, PA General Purpose Authority, Hospital Revenue Bonds (Series 2008A), 5.50% (St. Luke's Hospital of Bethlehem)/(Original Issue Yield: 5.60%), 8/15/2035	1,637,280
1,000,000	Pennsylvania State Turnpike Commission, Turnpike Subordinate Revenue Bonds (Series 2009D), 5.50%, 12/1/2041	1,125,720
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	581,368
1,630,000	Philadelphia, PA Water & Wastewater System, Water and Wastewater Revenue Bonds (Series 2009A), 5.00% (Original Issue Yield: 5.13%), 1/1/2027	1,790,751
	TOTAL	6,649,373
	Puerto Rico—0.5%	
1,000,000	Commonwealth of Puerto Rico, GO Bonds (Series 2014A), 8.00% (Original Issue Yield: 8.727%), 7/1/2035	726,260
	Tennessee—4.9%	
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	1,971,060
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	2,199,960
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	2,896,385
	TOTAL	7,067,405
	Texas—8.7%	
1,000,000	Bexar County, HFDC, Refunding Revenue Bonds (Series 2007), 5.00% (Army Retirement Residence Foundation), 7/1/2033	1,022,970
1,050,000	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds (Series 2011), 6.25% (Original Issue Yield: 6.30%), 1/1/2046	1,207,489
500,000	Clifton Higher Education Finance Corporation, TX, Education Revenue Bonds (Series 2012), 5.00% (Idea Public Schools), 8/15/2032	533,530
1,500,000	Dallas-Fort Worth, TX International Airport, Joint Revenue Improvement Bonds (Series 2014C), 5.00%, 11/1/2045	1,655,190
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	783,458
835,000	Grand Parkway Transportation Corp., TX, Subordinate Tier Toll Revenue Bonds (Series 2013B TELA Supported), 5.25%, 10/1/2051	931,042
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	2,310,460
385,000	HFDC of Central Texas, Inc., Retirement Facility Revenue Bonds (Series 2006A), 5.50% (Village at Gleannloch Farms, Inc.), 2/15/2027	390,629
585,000		589,937

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	HFDC of Central Texas, Inc., Retirement Facility Revenue Bonds (Series 2006A), 5.50% (Village at Gleannloch Farms, Inc.), 2/15/2037	
200,000	Houston, TX Higher Education Finance Corp., Education Revenue Bonds (Series 2011A), 6.875% (Cosmos Foundation, Inc.) (United States Treasury 5/15/2021@100), 5/15/2041	256,674
835,000	North Texas Tollway Authority, System First Tier Revenue Refunding Bonds (Series 2011B), 5.00% (Original Issue Yield: 5.12%), 1/1/2038	897,516
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	1,086,590
910,000	Texas State Department of Housing & Community Affairs, Residential Mortgage Revenue Bonds (Series 2009A), 5.30% (GNMA COL), 7/1/2034	949,958
	TOTAL	12,615,443
	Washington—0.8%	
460,000	Tobacco Settlement Authority, WA, Tobacco Settlement Revenue Refunding Bonds (Series 2013), 5.25%, 6/1/2031	503,134
675,000	^{1,2} Washington State Housing Finance Commission, Nonprofit Housing Revenue Bonds (Series 2015A), 6.00% (Heron's Key Senior Living), 7/1/2025	691,038
	TOTAL	1,194,172
	Wisconsin—1.6%	
2,000,000	Wisconsin State General Fund Appropriation, Revenue Bonds (Series 2009A), 6.00% (Wisconsin State)/(Original Issue Yield: 6.10%), 5/1/2036	2,310,340
	TOTAL MUNICIPAL BONDS (IDENTIFIED COST \$134,209,627)	143,007,900

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Principal Amount		Value
	SHORT-TERM MUNICIPALS—1.4%	
	Michigan—0.2%	
\$350,000	Michigan Higher Education Facilities Authority, (Series 2006) Weekly VRDNs (Albion College)/(JPMorgan Chase Bank, N.A. LOC), 0.020%, 9/3/2015	\$350,000
	Ohio—1.2%	
1,450,000	Montgomery County, OH, (Series 2008B) Daily VRDNs (Miami Valley Hospital)/(Barclays Bank PLC LIQ), 0.010%, 9/1/2015	1,450,000
250,000	Ohio State Higher Educational Facility Commission, (Series 2008 B-4) Daily VRDNs (Cleveland Clinic)/(Barclays Bank PLC LIQ), 0.01%, 9/1/2015	250,000
	TOTAL	1,700,000
	TOTAL SHORT-TERM MUNICIPALS—1.4% (AT AMORTIZED COST)	2,050,000
	TOTAL MUNICIPAL INVESTMENTS—100% (IDENTIFIED COST \$136,259,627) ⁶	145,057,900
	OTHER ASSETS AND LIABILITIES—NET	1,888,994
	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	\$93,271,894

At August 31, 2015, the Fund held no securities that were subject to the federal alternative minimum tax (AMT).

At August 31, 2015, the Fund had the following open futures contracts:

Description	Number of Contracts	Notional Value	Expiration Date	Unrealized Appreciation
⁴ United States Treasury Notes, 10 Year Short Futures	10	\$1,270,625	December 2015	\$3,330
⁴ United States Treasury Notes, 5 Year Short Futures	50	\$5,971,875	December 2015	\$22,544
UNREALIZED APPRECIATION ON FUTURES CONTRACTS				\$25,874

The average notional value of short futures contracts held by the Fund throughout the period was \$16,081,320. This is based on amounts held as of each month-end throughout the nine-month fiscal period.

Unrealized Appreciation on Futures Contracts is included in “Other Assets and Liabilities—Net”.

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, 2015, these restricted securities amounted to \$5,463,530, which represented 5.9% 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, 2015, these liquid restricted securities

amounted to \$5,463,530, which represented 5.9% of total net assets.

3 Security in default.

4 Non-income-producing security.

5 Current rate and next reset date shown for Variable Rate Demand Notes.

At August 31, 2015, the cost of investments for federal tax purposes was \$136,189,896. The net unrealized appreciation of investments for federal tax purposes excluding any unrealized depreciation resulting from futures contracts was \$8,868,004. This consists of net unrealized appreciation from investments for those securities having an excess of value over cost of \$9,574,067 and net unrealized depreciation from investments for those securities having an excess of cost over value of \$706,063

7 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, 2015.

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.

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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 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 Funds 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 Funds' valuation policies and procedures, the Funds use the fair value of the investment determined in accordance with the procedures described below. There can be no assurance that the Funds could obtain the fair value assigned to an investment if it sold the investment at approximately the time at which the Funds determine their 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).

The inputs or methodology used for valuing securities are not an indication of the risk associated with investing in those securities.

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The following is a summary of the inputs used, as of August 31, 2015, in valuing the Fund's assets carried at fair value:

Valuation Inputs

	Level 1-Other Quoted Prices	Level 2- Significant Observable Inputs	Level 3- Significant Unobservable Inputs	Total
Debt Securities:				
Municipal Bonds	\$—	\$143,007,900	\$—	\$143,007,900
Short-Term Municipals	—	2,050,000	—	2,050,000
TOTAL SECURITIES	\$—	\$145,057,900	\$—	\$145,057,900
OTHER FINANCIAL INSTRUMENTS*	\$25,874	\$—	\$—	\$25,874

*Other financial instruments include futures contracts.

The following acronyms are used throughout this portfolio:

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
LIQ	—Liquidity Agreement
LO	—Limited Obligation
LOC	—Letter of Credit
PCR	—Pollution Control Revenue
PRF	—Pre-refunded
TELA	—Toll Equity Loan Agreement
TFA	—Transitional Finance Authority
UT	—Unlimited Tax
VRDNs	—Variable Rate Demand Notes

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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 26, 2015

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/ I. Christopher Donahue

J. Christopher Donahue

Principal Executive Officer

Date October 26, 2015

By /S/ Lori A. Hensler

Lori A. Hensler

Principal Financial Officer

Date October 26, 2015