

John Hancock Investment Management

Semiannual Financial Statements & Other N-CSR Items

John Hancock Municipal Opportunities Fund

Fixed income

November 30, 2024

John Hancock Municipal Opportunities Fund

Table of contents

- 2 Fund's investments
- 54 Financial statements
- **57** Financial highlights
- 61 Notes to financial statements
- 68 Evaluation of advisory and subadvisory agreements by the Board of Trustees

Fund's investments

AS OF 11-30-24 (unaudited)

AS OF TT-S0-24 (unaddited)	Rate (%)	Maturity date	Par value^	Value
Municipal bonds 101.4%				\$1,311,992,715
(Cost \$1,283,237,646)				
Alabama 1.2%				15,611,720
Black Belt Energy Gas District Gas Project, Series D-1	5.500	06-01-49	1,000,000	1,068,053
Black Belt Energy Gas District Series D1	4.000	07-01-52	500,000	506,531
City of Birmingham Birmingham Alabama Waterworks (A)	3.750	09-01-26	2,215,000	2,204,495
Southeast Alabama Gas Supply District Project No. 1, Series A	5.000	08-01-54	5,000,000	5,373,899
Southeast Alabama Gas Supply District Project No. 2, Series B	5.000	06-01-49	4,125,000	4,414,806
Southeast Energy Authority, a Cooperative District				
Project No. 4, Series B-2 (Overnight SOFR + 1.790%) (B)	4.852	05-01-53	2,000,000	2,043,936
Alaska 0.5%				6,219,187
Alaska Municipal Bond Bank Authority Series 2	4.250	12-01-42	2,120,000	2,176,753
Alaska Municipal Bond Bank Authority Series 2, AMT	5.250	12-01-47	1,400,000	1,491,807
Alaska Municipal Bond Bank Authority Series 4, AMT (C)	5.000	12-01-35	400,000	409,502
Northern Tobacco Securitization Corp. Series A-1	5.000	06-01-25	1,000,000	1,005,564
State of Alaska Series A, GO (D)	5.000	08-01-35	1,000,000	1,135,561
Arizona 2.2%				28,563,955
Arizona Industrial Development Authority				
Benjamin Franklin Charter School Projects, Series A (A)	4.430	07-01-33	850,000	859,685
Arizona Industrial Development Authority Benjamin Franklin Charter School Projects,				
Series A (A)	5.000	07-01-43	750,000	755,316
Arizona Industrial Development Authority Equitable School Revolving Fund, Series A	5.000	11-01-44	1,000,000	1,039,574
Arizona Industrial Development Authority Macombs Facility Project, Series A	4.000	07-01-61	500,000	443,340
Chandler Industrial Development Authority Intel Corp. Project, Series 2, AMT	4.000	06-01-49	3,500,000	3,538,577
Chandler Industrial Development Authority Intel Corp. Project, Series 2, AMT	5.000	09-01-52	1,500,000	1,540,885
City of Phoenix Civic Improvement Corp. Civic Plaza, Series B (C)	5.500	07-01-28	1,000,000	1,094,262
Glendale Industrial Development Authority Royal Oaks Life Care Community	5.000	05-15-39	3,025,000	3,038,201

4.000	07-01-31	250,000	\$249,363
	07-01-31	250,000	\$240,262
5.500			JZ43,303
5.500	09-01-32	960.000	994,166
5.750	09-01-45	975,000	1,001,319
4.000	09-01-37	515,000	523,924
5.000	09-01-36	555,000	606,043
5.000	12-01-40	1,400,000	1,567,596
2.100	07-01-26	550,000	536,763
4.000	07-01-34	4,000,000	3,948,602
5.000	01-01-39	960,000	1,009,598
5.000	12-01-37	1,605,000	1,774,613
5.000	06-15-34	500,000	521,787
5.375	06-15-34	330,000	335,111
6.000	06-15-44	550,000	558,354
6.300	06-15-54	1,110,000	1,121,324
4.000	08-01-49	1,000,000	1,007,103
4.000	08-01-54	500,000	498,449
			12,354,992
6.875	07-01-48	500,000	552,594
7.375	07-01-48	2,500,000	2,794,681
5.000	02-01-27	500,000	513,704
	 5.750 4.000 5.000 2.100 4.000 5.000 5.000 5.000 5.375 6.000 6.300 4.000 4.000 6.875 7.375 	5.750 09-01-45 4.000 09-01-37 5.000 09-01-36 5.000 12-01-40 2.100 07-01-26 4.000 07-01-34 5.000 12-01-37 5.000 01-01-39 5.000 06-15-34 6.000 06-15-34 6.300 06-15-54 4.000 08-01-49 4.000 08-01-54 6.875 07-01-48 7.375 07-01-48	5.750 09-01-45 975,000 4.000 09-01-37 515,000 5.000 09-01-36 555,000 5.000 12-01-40 1,400,000 2.100 07-01-26 550,000 4.000 07-01-34 4,000,000 5.000 01-01-39 960,000 5.000 12-01-37 1,605,000 5.000 06-15-34 500,000 5.000 06-15-34 330,000 6.000 06-15-54 1,110,000 4.000 08-01-49 1,000,000 4.000 08-01-54 500,000 6.875 07-01-48 500,000

Arkansas (continued)	Rate (%)	Maturity date	Par value^	Value
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-29	250,000	\$262,027
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-30	500,000	526,408
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-31	500,000	528,642
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-32	1,255,000	1,320,018
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-33	1,250,000	1,311,763
Arkansas Development Finance Authority Washington Regional Medical Center	5.000	02-01-34	1,000,000	1,044,706
County of Pulaski Arkansas Children's Hospital	5.000	03-01-35	1,000,000	1,127,456
Fayetteville School District No. 1 Construction Bonds, GO	4.000	02-01-50	1,870,000	1,859,566
Little Rock School District Construction Bonds, GO	3.000	02-01-28	520,000	513,427
California 5.9%				76,484,512
California Community Choice Financing Authority Clean Energy Project, Series A	4.000	10-01-52	2,140,000	2,184,897
California Community Choice Financing Authority Clean Energy Project, Series A-1	5.000	05-01-54	5,000,000	5,425,147
California Community Choice Financing Authority Clean Energy Project, Series B-1	4.000	02-01-52	15,000	15,262
California Community Choice Financing Authority	1.000	02 01 52	15,000	15,202
Clean Energy Project, Series B-1	5.000	07-01-53	1,500,000	1,590,089
California Community Choice Financing Authority Series D	5.500	05-01-54	3,500,000	3,743,285
California County Tobacco Securitization Agency	5.000			
Kern County Tobacco Funding Corp. California Health Facilities Financing	5.000	06-01-40	1,000,000	1,000,131
Authority Adventist Health System, Series A	5.000	03-01-40	4,015,000	4,194,788
California Health Facilities Financing Authority Episcopal Communities & Services, Series B	5.000	11-15-29	180,000	191,778
California Health Facilities Financing Authority Episcopal Communities & Services, Series B	5.000	11-15-30	135,000	145,231
California Housing Finance Agency Power Station Block 7B, Series L (A)	5.200	12-01-27	2,500,000	2,522,766

	Rate (%)	Maturity date	Par value^	Value
California (continued)				
California Municipal Finance Authority Certificates of Participation, Palomar				
Health, Series A (C)	5.000	11-01-27	100,000	\$105,319
California Municipal Finance Authority				
Certificates of Participation, Palomar Health, Series A (C)	5.000	11-01-28	115,000	123,053
California Municipal Finance Authority Community Facilities District No. 2023-7	5.000	09-01-39	580,000	623,185
California Municipal Finance Authority NorthBay Healthcare, Series A	5.250	11-01-41	1,000,000	1,010,103
California Municipal Finance Authority Paradise Valley Estates Project, Series A (C)	5.000	01-01-49	1,500,000	1,570,083
California Municipal Finance Authority United Airlines, Inc. Project, AMT	4.000	07-15-29	3,000,000	2,990,376
California Municipal Finance Authority				
Westside Neighborhood School Project (A) California Municipal Finance Authority	5.000	06-15-34	250,000	266,416
Westside Neighborhood School Project (A)	5.500	06-15-39	600,000	645,800
California Municipal Finance Authority Westside Neighborhood School Project (A)	5.900	06-15-44	600,000	648,043
California Pollution Control Financing Authority San Diego County Water Authority Desalination Project Pipeline (A)	5.000	11-21-45	500,000	513,768
California Pollution Control Financing Authority	2 275	07 01 25	2 000 000	1 00 4 267
Waste Management, Inc., Series A1, AMT California Pollution Control Financing	3.375	07-01-25	2,000,000	1,994,267
Authority Waste Management, Inc., Series A3, AMT	4.300	07-01-40	1,000,000	1,003,001
California Pollution Control Financing Authority				
Waste Management, Inc., Series B-1, AMT	3.000	11-01-25	1,000,000	992,195
California Public Finance Authority Henry Mayo Newhall Hospital	5.000	10-15-30	500,000	512,222
California Public Finance Authority Henry Mayo Newhall Hospital	5.000	10-15-31	500,000	511,801
California School Finance Authority John Adams Academies, Series A (A)	4.500	07-01-32	800,000	812,099
California State Public Works Board Series B	5.000	10-01-39	1,000,000	1,001,537
City & County of San Francisco Transbay Transit Center, Series A	5.000	09-01-42	1,300,000	1,429,177
City of Oroville Oroville Hospital	5.250	04-01-54	3,000,000	2,223,244
City of San Francisco Public Utilities Commission Water Revenue Regional and Local Water, Series A	5.250	11-01-48	3,275,000	3,705,872
Compton Community Redevelopment Agency Successor Agency Series A (C)	5.250	08-01-32	900,000	1,019,088
	5.250			.,0.0,000

	Rate (%)	Maturity date	Par value^	Value
California (continued)				
CSCDA Community Improvement Authority 1818 Platinum Triangle Anaheim, Series A-2 (A)	3.250	04-01-57	425,000	\$317,749
Golden State Tobacco Securitization Corp. Tobacco Settlement, Series A-1	5.000	06-01-51	1,000,000	1,054,217
Los Angeles Department of Water & Power Series D	5.000	07-01-52	2,000,000	2,198,367
Mount Diablo Unified School District Series B, GO	4.000	08-01-33	1,445,000	1,550,603
M-S-R Energy Authority Series B	6.500	11-01-39	945,000	1,228,011
M-S-R Energy Authority Series B	7.000	11-01-34	2,220,000	2,808,037
Newark Unified School District Series B, GO (C)	4.000	08-01-42	235,000	242,790
Palmdale Water District Public Financing Authority Series A (C)	4.000	10-01-53	300,000	301,804
Pismo Beach Public Financing Agency Public Safety Facility Project, Series A	4.000	12-01-49	1,000,000	1,010,600
River Islands Public Financing Authority Community Facilities District No. 2023-1	5.625	09-01-53	600,000	641,667
San Bernardino Community College District Election of 2002, Series D, GO (E)	3.008	08-01-33	1,900,000	1,464,081
San Francisco Bay Area Rapid Transit District Election of 2016, Series D1, GO	4.250	08-01-52	7,500,000	7,667,700
San Francisco City & County Airport Commission Series A, AMT	5.000	05-01-38	2,015,000	2,192,075
San Francisco City & County Airport Commission SFO Fuel Company, AMT	5.000	01-01-38	1,000,000	1,046,685
San Francisco City & County Airport Commission SFO Fuel Company, AMT	5.000	01-01-39	1,510,000	1,574,906
San Francisco City & County Public Utilities Commission Power Revenue Series A	5.000	11-01-45	1,500,000	1,507,833
San Joaquin Hills Transportation Corridor Agency	5.000	11 01 45	1,500,000	1,507,655
Toll Road Revenue, Series A	5.000	01-15-33	1,000,000	1,124,406
Sebastopol Union School District Series B, GO	5.000	08-01-48	555,000	613,787
State of California, GO	3.500	12-01-27	285,000	289,786
State of California, GO	3.650	12-01-28	300,000	305,863
Windsor Unified School District Election of 2016, GO (C)	4.000	08-01-46	2,595,000	2,629,522
Colorado 2.7%				34,941,371
Aerotropolis Regional Transportation Authority (A)	5.500	12-01-44	2,500,000	2,540,306

	Rate (%)	Maturity date	Par value^	Value
Colorado (continued)				
Castle Oaks Metropolitan District No. 3, GO (C)	4.000	12-01-50	1,050,000	\$1,005,286
City & County of Denver Airport System Revenue Series D, AMT	5.500	11-15-30	2,620,000	2,909,349
City & County of Denver Pledged Excise Tax Revenue				
Series A	4.000	08-01-38	2,000,000	2,064,112
City of Boulder Water & Sewer Revenue	4.000	12-01-42	1,000,000	1,022,542
Colorado Bridge Enterprise Central 70 Project, AMT	4.000	12-31-26	3,950,000	3,976,674
Colorado Health Facilities Authority AdventHealth Obligated Group	4.000	11-15-38	1,000,000	1,016,233
Colorado Health Facilities Authority Commonspirit Health, Series A	5.000	11-01-26	350,000	362,652
Colorado Health Facilities Authority Commonspirit Health, Series A	5.000	11-01-28	1,000,000	1,074,238
Colorado Health Facilities Authority Commonspirit Health, Series A	5.000	11-01-29	800,000	870,853
Colorado Health Facilities Authority Commonspirit Health, Series A	5.250	12-01-54	500,000	548,503
Colorado Health Facilities Authority Frasier Meadows Retirement Community Project, Series A	5.250	05-15-37	500,000	512,615
Colorado Health Facilities Authority Frasier Meadows Retirement Community Project, Series A	5.250	05-15-47	1,500,000	1,517,687
Denver Convention Center Hotel Authority	5.000	12-01-33	1,620,000	1,651,665
Denver Convention Center Hotel Authority	5.000	12-01-36	1,000,000	1,015,244
Fiddler's Business Improvement District Greenwood Village, GO (A)	5.000	12-01-32	250,000	259,623
Gold Hill Mesa Metropolitan District No. 2 Series A, GO (C)	5.000	12-01-25	135,000	136,905
Gold Hill Mesa Metropolitan District No. 2 Series A, GO (C)	5.000	12-01-26	145,000	149,547
Gold Hill Mesa Metropolitan District No. 2 Series A, GO (C)	5.000	12-01-28	70,000	74,355
Gold Hill Mesa Metropolitan District No. 2 Series A, GO (C)	5.000	12-01-29	45,000	48,402
Gold Hill Mesa Metropolitan District No. 2 Series A, GO (C)	5.000	12-01-30	15,000	16,314
Heritage Ridge Metropolitan District Series A, GO (C)	4.000	12-01-29	45,000	46,893
Heritage Ridge Metropolitan District Series A, GO (C)	4.000	12-01-31	40,000	41,462
Heritage Ridge Metropolitan District Series A, GO (C)	4.000	12-01-34	125,000	128,978
Heritage Ridge Metropolitan District Series A, GO (C)	4.000	12-01-42	100,000	101,276

	Rate (%)	Maturity date	Par value^	Value
Colorado (continued)				
Hess Ranch Metropolitan District No. 5 Series A-1	6.000	12-01-43	1,000,000	\$1,041,623
Hess Ranch Metropolitan District No. 5 Series A-2	6.500	12-01-43	500,000	526,778
Hunters Overlook Metropolitan District No. 5, GO (C)	4.250	12-01-54	1,000,000	993,306
Park Creek Metropolitan District Series A (C)	5.000	12-01-31	300,000	332,179
Park Creek Metropolitan District Series A (C)	5.000	12-01-32	470,000	525,148
Park Creek Metropolitan District Series A (C)	5.000	12-01-33	425,000	473,836
Park Creek Metropolitan District Series A (C)	5.000	12-01-34	300,000	333,502
Park Creek Metropolitan District Series A (C)	5.000	12-01-35	300,000	332,307
Park Creek Metropolitan District Series A (C)	5.000	12-01-43	1,355,000	1,458,444
Public Authority for Colorado Energy Natural Gas Revenue	6.250	11-15-28	1,155,000	1,221,259
Rendezvous Residential Metropolitan District, GO (C)	2.125	12-01-30	475,000	430,816
Rendezvous Residential Metropolitan District, GO (C)	2.250	12-01-32	400,000	348,024
South Suburban Park & Recreation District Certificates of Participation	4.000	12-15-41	80,000	81,238
Trails at Crowfoot Metropolitan District No. 3 Series A, GO (C)	4.000	12-01-44	500,000	497,940
Trails at Crowfoot Metropolitan District No. 3 Series A, GO (C)	4.250	12-01-54	1,000,000	996,823
Trails at Crowfoot Metropolitan District No. 3 Series A, GO (C)	5.000	12-01-39	600,000	662,536
Villages at Castle Rock Metropolitan District Cobblestone Ranch Project, Series 2,				
GO (E)	7.730	12-01-37	3,166,667	1,185,805
Wildwing Metropolitan District No. 5, GO (C)	4.500	12-01-53	400,000	408,093
Connecticut 1.1%				14,461,600
City of West Haven, GO (C)	5.000	02-15-37	100,000	110,405
City of West Haven, GO (C)	5.000	02-15-38	15,000	16,494
Connecticut State Health & Educational Facilities Authority Connecticut Children's Medical Center,				
Series E	5.000	07-15-39	550,000	595,571
Connecticut State Health & Educational Facilities Authority Connecticut Children's Medical Center,	5.000		425.000	450.000
Series E	5.000	07-15-40	425,000	458,200

	Rate (%)	Maturity date	Par value^	Value
Connecticut (continued)				
Connecticut State Health & Educational Facilities Authority				
Goodwin University	5.000	07-01-44	750,000	\$762,314
Connecticut State Health & Educational Facilities Authority				
Stamford Hospital, Series M	4.000	07-01-39	1,500,000	1,502,666
Connecticut State Health & Educational				
Facilities Authority Stamford Hospital, Series M	5.000	07-01-34	325,000	354,111
Harbor Point Infrastructure Improvement				
District Harbor Point Project (A)	5.000	04-01-39	3 500 000	2 511 121
State of Connecticut	5.000	04-01-59	3,500,000	3,544,424
Series C, GO	4.000	06-01-39	185,000	189,387
State of Connecticut	E 000	00.15.20	650.000	
Series D, GO State of Connecticut Bradley International	5.000	09-15-30	650,000	727,760
Airport CFC Revenue				
Ground Transportation Center Project, AMT	5.000	07-01-49	1,435,000	1,463,469
State of Connecticut Special Tax Revenue Series B	5.000	10-01-36	1,000,000	1,064,072
State of Connecticut Special Tax Revenue Series B	5.000	10-01-37	1,000,000	1,062,369
Town of Hamden	5.000	01 01 50	1.075.000	1 022 764
Whitney Center Project Town of Hamden, GO (C)	5.000	01-01-50 08-15-33	1,075,000	1,022,764
	5.000	00 19 55	1,550,000	
Delaware 0.4%				5,204,323
Delaware State Economic Development Authority				
Acts Retirement Life Communities, Series B	5.000	11-15-38	770,000	813,907
Delaware State Economic Development Authority				
NRG Energy Project, Series A	1.250	10-01-45	4,000,000	3,902,592
Delaware State Economic Development				
Authority NRG Energy Project, Series B	1.250	10-01-40	500,000	487,824
District of Columbia 1.2% District of Columbia				15,805,755
DC Smart Street Lighting Project, AMT	5.000	08-31-28	2,000,000	2,107,835
District of Columbia KIPP DC Project	4.000	07-01-39	1,750,000	1,734,920
District of Columbia				
The Catholic University of America	5.000	10-01-32	35,000	36,991
District of Columbia Union Market Project, Series A (A)	5.125	06-01-34	5,000,000	5,096,521
Metropolitan Washington Airports Authority Aviation Revenue Series A, AMT	5.000	10-01-26	315,000	324,562
	5.000	10-01-20	515,000	524,502

Washington Metropolitan Area Transit Authority Second Lien, Series A 5.000 07-15-49 150,000 Washington Metropolitan Area Transit Authority Second Lien, Series A 5.250 07-15-59 4,000,000 4 Florida 9.9% 128, Alachua County Health Facilities Authority 0ak Hammock at the University of Florida, Inc. Project 4.000 10-01-40 250,000 Alachua County Health Facilities Authority 5.000 12-01-44 175,000 12 Cabot Citrus Farms Community Development District 5.250 03-01-29 1,500,000 1 Capital Projects Finance Authority Navigator Academy of Leadership 0bligated Group Project (A) 5.000 06-15-34 780,000 City of Atlantic Beach Unice Seach Unice Seach Unice Seach Unice Seach Unice Seach	Value
Series C (C)6.50010-01-411,815,000\$1Washington Metropolitan Area Transit Authority Second Lien, Series A5.00007-15-49150,000Washington Metropolitan Area Transit Authority Second Lien, Series A5.25007-15-594,000,0004Florida 9.9%128,Alachua County Health Facilities Authority Oak Hammock at the University of Florida, Inc. Project4.00010-01-40250,000Alachua County Health Facilities Authority Shands Teaching Hospital & Clinics5.00012-01-44175,000Cabot Citrus Farms Community Development District5.25003-01-291,500,0001,Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A)5.00006-15-34780,0001,City of Atlantic Beach Fleet Landing Project, Series A5.00011-15-481,000,0001,	
Authority Second Lien, Series A5.00007-15-49150,000Washington Metropolitan Area Transit Authority Second Lien, Series A5.25007-15-594,000,0004Florida 9.9%128,Alachua County Health Facilities Authority Oak Hammock at the University of Florida, Inc. Project4.00010-01-40250,000Alachua County Health Facilities Authority Shands Teaching Hospital & Clinics5.00012-01-44175,000Cabot Citrus Farms Community Development District5.25003-01-291,500,0001,Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A)5.00006-15-34780,0001,City of Atlantic Beach Fleet Landing Project, Series A5.00011-15-481,000,0001,	,929,097
Authority Second Lien, Series A5.25007-15-594,000,0004Florida 9.9%128,Alachua County Health Facilities Authority Oak Hammock at the University of Florida, Inc. Project010-01-40250,000Alachua County Health Facilities Authority Shands Teaching Hospital & Clinics5.00012-01-44175,000Cabot Citrus Farms Community Development District5.25003-01-291,500,0001,Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A)5.00006-15-34780,0001,City of Atlantic Beach Fleet Landing Project, Series A5.00011-15-481,000,0001,	163,430
Florida 9.9% 128, Alachua County Health Facilities Authority 0ak Hammock at the University of Florida, 10-01-40 250,000 Alachua County Health Facilities Authority 5.000 10-01-40 250,000 Alachua County Health Facilities Authority 5.000 12-01-44 175,000 Alachua County Health Facilities Authority 5.000 12-01-44 175,000 Cabot Citrus Farms Community Development District 5.250 03-01-29 1,500,000 1 Capital Projects Finance Authority Navigator Academy of Leadership 0bligated Group Project (A) 5.000 06-15-34 780,000 City of Atlantic Beach Fleet Landing Project, Series A 5.000 11-15-48 1,000,000 1	,412,399
Alachua County Health Facilities Authority . Oak Hammock at the University of Florida, . Inc. Project 4.000 10-01-40 250,000 Alachua County Health Facilities Authority . . . Shands Teaching Hospital & Clinics 5.000 12-01-44 175,000 Cabot Citrus Farms Community Development District 5.250 03-01-29 1,500,000 1. Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A) 5.000 06-15-34 780,000 1. City of Atlantic Beach Fleet Landing Project, Series A 5.000 11-15-48 1,000,000 1.	713,638
Alachua County Health Facilities Authority Shands Teaching Hospital & Clinics 5.000 12-01-44 175,000 Cabot Citrus Farms Community Development District 5.250 03-01-29 1,500,000 1, Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A) 5.000 06-15-34 780,000 City of Atlantic Beach Fleet Landing Project, Series A 5.000 11-15-48 1,000,000 1,	233,680
Community Development District5.25003-01-291,500,0001,Capital Projects Finance Authority Navigator Academy of Leadership Obligated Group Project (A)5.00006-15-34780,000City of Atlantic Beach Fleet Landing Project, Series A5.00011-15-481,000,0001,	175,054
Navigator Academy of Leadership Obligated Group Project (A) 5.000 06-15-34 780,000 City of Atlantic Beach Fleet Landing Project, Series A 5.000 11-15-48 1,000,000 1,	,516,351
City of Atlantic Beach Fleet Landing Project, Series A 5.000 11-15-48 1,000,000 1,	802,153
City of Fort Lauderdale	,017,392
Series A 5.000 07-01-53 335,000	359,659
City of Jacksonville 5.000 10-01-32 150,000	171,016
	,858,368
City of Tampa H. Lee Moffitt Cancer Center Project 5.000 07-01-50 470,000	490,249
Collier County Industrial Development Authority NCH Healthcare System Projects 5.000 10-01-54 1,250,000 1	,338,658
Collier County Industrial Development Authority NCH Healthcare System Projects 5.000 10-01-54 1,200,000 1,	,310,178
County of Broward Airport System Revenue, Series A, AMT 5.000 10-01-27 1,500,000 1,	,565,040
	,214,269
	,929,620
	,100,685
	,761,396
	,284,937
County of Miami-Dade Aviation Revenue Series A, AMT5.00010-01-302,250,0002	

Florida (continued)	Rate (%)	Maturity date	Par value^	Value
Florida (continued) County of Miami-Dade Aviation Revenue Series A, AMT	5.000	10-01-33	3,000,000	\$3,285,541
County of Miami-Dade Seaport Department Series A, AMT	5.000	10-01-36	1,300,000	1,433,720
County of Miami-Dade Seaport Department Series A, AMT	5.000	10-01-39	3,000,000	3,213,896
County of Miami-Dade Seaport Department Series B-2	4.000	10-01-41	2,000,000	2,035,375
County of Monroe Airport Revenue Key West International Airport, AMT	5.000	10-01-25	130,000	131,274
County of Monroe Airport Revenue Key West International Airport, AMT	5.000	10-01-26	150,000	153,583
County of Monroe Airport Revenue Key West International Airport, AMT	5.000	10-01-28	180,000	188,779
County of Monroe Airport Revenue Key West International Airport, AMT	5.000	10-01-29	325,000	343,632
County of Monroe Airport Revenue Key West International Airport, AMT	5.000	10-01-33	1,000,000	1,077,398
County of Palm Beach Airport System Revenue Series B, AMT	5.250	10-01-38	550,000	620,107
County of Palm Beach Airport System Revenue Series B. AMT	5.250	10-01-39	1,000,000	1,118,776
Duval County Public Schools School Board Certificates of Participation, Series A (C)	5.000	07-01-30	500,000	552,600
Duval County Public Schools School Board Certificates of Participation, Series A (C)	5.000	07-01-31	250,000	276,564
Florida Atlantic University Finance Corp. Student Housing Project, Series B	4.000	07-01-35	1,280,000	1,298,935
Florida Department of Management Services Certificates of Participation, Series A	3.000	11-01-36	2,250,000	2,089,168
Florida Department of Management Services Certificates of Participation, Series A	3.000	11-01-37	2,010,000	1,842,355
Florida Development Finance Corp. Imagine School at Broward Project, Series A (A)	5.000	12-15-34	330,000	342,563
Florida Development Finance Corp. IPS Florida LLC (A)	5.250	06-15-29	700,000	709,431
Florida Development Finance Corp. River City Science Academy	5.000	07-01-31	325,000	339,627
Florida Development Finance Corp. River City Science Academy	5.000	07-01-42	635,000	659,096
Florida Development Finance Corp. Solid Waste Southeast LLC Project, Series A, AMT (A)	4.375	10-01-54	6,250,000	6,317,718
Florida Development Finance Corp. Tampa General Hospital Project, Series A	5.000	08-01-41	1,010,000	1,088,357

	Rate (%)	Maturity date	Par value^	Value
Florida (continued)				
Florida Development Finance Corp. UF Health Jacksonville Project	5.000	02-01-33	1,000,000	\$1,059,535
Florida Development Finance Corp. Waste Pro USA, Inc. Project, AMT	3.000	06-01-32	3,000,000	2,744,615
Florida Development Finance Corp. Waste Pro USA, Inc. Project, AMT (A)	5.250	08-01-29	1,000,000	1,050,758
Florida Development Finance Corp. Waste Pro USA, Inc. Project, AMT (A)	6.125	07-01-32	1,000,000	1,026,046
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-27	805,000	834,016
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-28	400,000	421,294
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-29	435,000	464,731
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-30	440,000	476,267
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-31	460,000	503,692
Florida Gulf Coast University Financing Corp. Housing Project, Series A	5.000	02-01-32	485,000	536,149
Florida Higher Educational Facilities Financial Authority	5.000	02 01 52	405,000	330,143
Jacksonville University (A)	4.500	06-01-33	4,035,000	3,937,267
Florida Higher Educational Facilities Financial Authority Nova Southeastern University	5.000	04-01-30	890,000	905,608
Florida Higher Educational Facilities Financial Authority				· ·
Rollins College Project	4.125	12-01-54	2,400,000	2,325,540
Florida State Board of Governors Polytech University, Series A (C)	4.250	07-01-38	1,000,000	1,036,458
Florida State Board of Governors University Athletics Association, Series A (C)	4.250	10-01-53	1,245,000	1,262,291
Florida State Board of Governors Florida International University Dormitory Revenue			.,	.,,
Series A (C)	3.000	07-01-35	2,140,000	1,998,723
Florida State Board of Governors University of Florida Research Revenue Series B	4.125	07-01-53	790,000	796,866
Halifax Hospital Medical Center Daytona Beach	5.250	06-01-54	1,500,000	1,635,699
Hillsborough County Aviation Authority Tampa International Airport, AMT	5.000	10-01-48	1,500,000	1,538,414
Hillsborough County Aviation Authority Tampa International Airport, AMT	5.250	10-01-41	1,200,000	1,344,156
Hillsborough County Industrial Development Authority	4.000	00.01.50	2 075 000	2 007 074
Tampa General Hospital Project, Series A Jacksonville Housing Authority	4.000	08-01-50	2,075,000	2,007,071
Westwood Apartments	5.000	02-01-34	2,450,000	2,658,044

Florida (continued)	Rate (%)	Maturity date	Par value^	Value
Lee County Industrial Development Authority Shell Point, Series C	5.000	11-15-44	3,445,000	\$3,640,233
Miami Beach Health Facilities Authority Mt. Sinai Medical Center of Florida, Series B	4.000	11-15-51	1,500,000	1,425,788
Miami Beach Redevelopment Agency City Center/Historic Convention Village (C)	5.000	02-01-44	5,020,000	5,022,584
Miami-Dade County Health Facilities Authority Nicklaus Children's Hospital	5.000	08-01-47	1,000,000	1,018,074
Middleton Community Development District	5.000	08-01-47	1,000,000	1,010,074
Special Assessment Revenue	5.200	05-01-27	350,000	355,717
Middleton Community Development District A Special Assessment Revenue	5.450	05-01-32	245,000	262,904
Midtown Miami Community Development District	5.450	05 01 52	243,000	202,504
Infrastructure Project, Series B	5.000	05-01-37	3,670,000	3,670,823
Orange County Health Facilities Authority Orlando Health Obligated Group, Series A	5.000	10-01-41	1,000,000	1,101,657
Orange County Health Facilities Authority Orlando Health Obligated Group, Series A	5.000	10-01-42	1,260,000	1,382,182
Orange County Health Facilities Authority Presbyterian Retirement Communities	4.000	08-01-36	3,500,000	3,515,751
Palm Beach County Health Facilities Authority Acts Retirement-Life Communities	5.000	11-15-32	3,145,000	3,227,925
Palm Beach County Health Facilities Authority Acts Retirement-Life Communities, Series A	5.000	11-15-45	1,990,000	2,036,903
Palm Beach County Health Facilities Authority Jupiter Medical Center Project, Series A	5.000	11-01-31	1,065,000	1,153,510
Palm Beach County Health Facilities Authority Jupiter Medical Center Project, Series A	5.000	11-01-32	600,000	653,298
Palm Beach County Health Facilities Authority Jupiter Medical Center Project, Series A	5.000	11-01-35	880,000	950,027
Palm Beach County Health Facilities Authority Toby and Leon Cooperman Sinai Residences	4.000	06-01-26	300,000	300,129
Palm Beach County Health Facilities Authority Toby and Leon Cooperman Sinai	4.000	00 01 20	500,000	500,125
Residences	4.000	06-01-31	3,550,000	3,528,106
Palm Beach County Health Facilities Authority Toby and Leon Cooperman Sinai Residences	4.000	06-01-36	1,525,000	1,474,749
Polk County Industrial Development Authority Mineral Development LLC, AMT (A)	5.875	01-01-33	1,665,000	1,493,868
St. Johns County Industrial Development Authority Vicar's Landing Project, Series A	4.000	12-15-50	900,000	720,221
State Board of Administration Finance Corp. Series A	5.526	07-01-34	4,000,000	4,136,474
			,	, ,

Florida (continued)	Rate (%)	Maturity date	Par value^	Value
Village Community Development District CDD No. 15 (A)	4.000	05-01-34	500,000	\$502,741
Village Community Development District CDD No. 15 (A)	4.200	05-01-39	500,000	502,423
Village Community Development District CDD No. 6 (C)	4.000	05-01-37	405,000	409,071
Georgia 3.6%				46,106,204
Athens Housing Authority University of Georgia Project	4.000	06-15-49	695,000	694,287
Athens-Clarke County Unified Government Development Authority University of Georgia Athletic Association Project	5.000	04-01-40	530,000	590,862
Athens-Clarke County Unified Government Development Authority University of Georgia West Precinct LLC	4.000	06-15-56	1,900,000	1,859,968
Augusta Development Authority AU Health System, Inc. Project	4.000	07-01-38	150,000	151,363
Augusta Development Authority AU Health System, Inc. Project	4.000	07-01-39	15,000	15,130
Augusta Development Authority AU Health System, Inc. Project	5.000	07-01-26	1,775,000	1,821,839
Augusta Development Authority AU Health System, Inc. Project	5.000	07-01-33	1,790,000	1,896,931
Augusta Development Authority AU Health System, Inc. Project	5.000	07-01-35	1,500,000	1,585,568
Decatur Public Facilities Authority Decatur City Projects, GO	3.000	02-01-47	1,000,000	824,202
Development Authority for Fulton County Curran Street Residence Hall Project	5.000	06-15-56	3,000,000	3,226,038
Development Authority for Fulton County Curran Street Residence Hall Project	5.250	06-15-56	700,000	766,478
Development Authority of Burke County Georgia Power Company Vogtle Project, Fifth Series 1995	2.200	10-01-32	2,350,000	1,961,466
Development Authority of Burke County Georgia Power Company Vogtle Project, Fourth Series 1994	3.800	10-01-32	1,015,000	1,024,506
Development Authority of Monroe County Georgia Power Company Plant Scherer Project	3.875	06-01-42	250,000	252,182
Development Authority of Rockdale County Pratt Paper LLC Project, AMT (A)	4.000	01-01-38	1,000,000	976,927
Fulton County Residential Care Facilities for the Elderly Authority Canterbury Court Project, Series A (A)	5.000	04-01-37	1,500,000	1,532,886
Fulton County Residential Care Facilities for the Elderly Authority Lenbrook Square Foundation, Inc.	5.000	07-01-42	3,250,000	3,268,787
•				

Georgia (continued)	Rate (%)	Maturity date	Par value^	Value
Georgia State Road & Tollway Authority Managed Lane System, Series A	4.000	07-15-38	3,375,000	\$3,518,006
Main Street Natural Gas, Inc. Series A	5.000	05-15-27	3,660,000	3,776,399
Main Street Natural Gas, Inc. Series A	5.000	05-15-35	1,145,000	1,237,894
Main Street Natural Gas, Inc. Series A	5.000	05-15-43	750,000	778,676
Main Street Natural Gas, Inc. Series A	5.000	05-01-54	1,500,000	1,621,424
Main Street Natural Gas, Inc. Series B	5.000	07-01-53	2,750,000	2,934,459
Main Street Natural Gas, Inc. Series C	5.000	09-01-53	750,000	803,673
Main Street Natural Gas, Inc. Series E-1	5.000	12-01-53	4,780,000	5,148,774
Municipal Electric Authority of Georgia Series HH	5.000	01-01-29	3,000,000	3,170,015
Private Colleges & Universities Authority Mercer University Project	4.000	10-01-50	385,000	385,168
Private Colleges & Universities Authority Mercer University Project	5.000	10-01-28	265,000	282,296
Hawaii 0.3%				3,728,824
City & County Honolulu Wastewater System Revenue Series A (D)	5.000	07-01-36	500,000	577,889
City & County Honolulu Wastewater System Revenue Series A (D)	5.000	07-01-37	600,000	690,516
City & County Honolulu Wastewater System Revenue				
Series A (D) State of Hawaii Airports System Revenue	5.000	07-01-38	1,250,000	1,436,004
Series A, AMT	5.000	07-01-48	1,000,000	1,024,415
Illinois 9.7%				126,174,841
Chicago Board of Education Dedicated Capital Improvement	5.000	04-01-42	1,400,000	1,423,245
Chicago Board of Education Dedicated Capital Improvement	6.000	04-01-46	3,500,000	3,625,799
Chicago Board of Education Series A, GO	5.000	12-01-34	3,000,000	3,154,760
Chicago Board of Education Series A, GO	5.000	12-01-37	1,050,000	1,075,789
Chicago Board of Education Series B, GO	4.000	12-01-38	2,000,000	1,860,011
Chicago Board of Education Series B, GO	5.000	12-01-30	1,000,000	1,046,897
Chicago Midway International Airport Series A, AMT	5.000	01-01-34	1,000,000	1,092,700

15 JOHN HANCOCK MUNICIPAL OPPORTUNITIES FUND

SEE NOTES TO FINANCIAL STATEMENTS

	Rate (%)	Maturity date	Par value^	Value
Illinois (continued) Chicago Midway International Airport	F 000	01.01.25	500.000	¢5.40.000
Series A, AMT Chicago O'Hare International Airport	5.000	01-01-35	500,000	\$548,600
Series A, AMT	5.000	01-01-39	2,030,000	2,175,128
Chicago O'Hare International Airport Series A, AMT	5.000	01-01-48	1,500,000	1,535,111
Chicago O'Hare International Airport Series C	5.000	01-01-38	1,545,000	1,562,689
Chicago O'Hare International Airport Series C, AMT	5.000	01-01-34	2,500,000	2,733,761
Chicago O'Hare International Airport Series D	5.000	01-01-52	3,670,000	3,731,600
City of Chicago Series A, GO	5.000	01-01-29	4,000,000	4,225,050
City of Chicago Series A, GO	5.000	01-01-31	1,000,000	1,050,318
City of Chicago Wastewater Transmission Revenue Series A (C)	5.000	01-01-38	1,000,000	1,126,186
City of Chicago Wastewater Transmission Revenue Series A (C)	5.000	01-01-39	250,000	280,296
City of Chicago Wastewater Transmission Revenue Series A (C)	5.000	01-01-44	1,000,000	1,098,243
City of Chicago Wastewater Transmission Revenue Series A (C)	5.250	01-01-48	200,000	217,743
City of Chicago Wastewater Transmission Revenue Series C	5.000	01-01-39	2,500,000	2,504,120
Cook County Community College District No. 508				
City Colleges of Chicago, GO (C) Cook County Community College District No. 508	5.000	12-01-34	1,000,000	1,115,305
City Colleges of Chicago, GO (C)	5.000	12-01-35	1,000,000	1,110,898
Cook County Community College District No. 508				
City Colleges of Chicago, GO (C)	5.000	12-01-36	1,000,000	1,107,099
Cook County Community College District No. 508 City Colleges of Chicago, GO (C)	5.000	12-01-37	1,000,000	1,102,619
Cook County Community College District No. 535 Series B, GO	3.000	12-01-32	1,055,000	1,012,535
Cook County Community Consolidated School District No. 34 Glenview				
Series A, GO	3.000	12-01-36	1,265,000	1,183,010

	Rate (%)	Maturity date	Par value^	Value
Illinois (continued)				
Cook County School District No. 143 Midlothian				
Series A, GO (C)	5.000	12-01-30	790,000	\$858,777
Cook County School District No. 143				
Midlothian Series A, GO (C)	5.000	12-01-31	730,000	800,647
Cook County School District No. 143	51000		, 50,000	0007017
Midlothian Series A, GO (C)	5.000	12-01-32	785,000	867,818
Cook County School District No. 143	5.000	12 01 52	103,000	007,010
Midlothian	5 000	40.04.00	005 000	
Series A, GO (C)	5.000	12-01-33	895,000	997,111
Cook County School District No. 86 Harwood Heights, GO (C)	5.000	12-01-39	325,000	358,346
Cook County School District No. 86 Harwood				
Heights, GO (C)	5.000	12-01-40	450,000	493,494
Cook County School District No. 86 Harwood Heights, GO (C)	5.000	12-01-41	250,000	272,558
Cook County School District No. 86 Harwood				
Heights, GO (C)	5.000	12-01-42	625,000	678,798
Cook County School District No. 86 Harwood Heights, GO (C)	5.000	12-01-43	550,000	594,611
Cook County School District No. 86 Harwood				
Heights, GO (C)	5.000	12-01-44	410,000	441,291
County of Cook Series B	5.000	11-15-29	225,000	246,705
Illinois Finance Authority				.,
Clark-Lindsey Village, Series A	4.600	06-01-27	525,000	523,165
Illinois Finance Authority Clark-Lindsey Village, Series A	5.125	06-01-32	725,000	663,400
Illinois Finance Authority			.,	,
Clark-Lindsey Village, Series A	5.250	06-01-37	1,015,000	897,518
Illinois Finance Authority DePaul College Prep Foundation,				
Series A (A)	4.500	08-01-33	1,155,000	1,206,813
Illinois Finance Authority				
Dominican University	5.000	03-01-27	360,000	365,780
Illinois Finance Authority Dominican University	5.000	03-01-29	235,000	240,957
Illinois Finance Authority				
Dominican University	5.000	03-01-31	595,000	612,167
Illinois Finance Authority LRS Holdings LLC Project, Series A,				
AMT (A)	7.250	09-01-52	1,000,000	1,121,645
Illinois Finance Authority				
LRS Holdings LLC Project, Series B, AMT (A)	7.375	09-01-42	1,250,000	1,467,168
Illinois Finance Authority		55 01 72	1,230,000	1, 107, 100
Shedd Aquarium Society Project	5.000	06-01-31	600,000	667,397
Illinois Finance Authority	E 000	00 15 50	2 000 000	2 006 060
UChicago Medicine, Series B-2	5.000	08-15-52	2,000,000	2,086,969

	Rate (%)	Maturity date	Par value^	Value
Illinois (continued)				
Illinois Finance Authority Westminster Village, Series A	4.500	05-01-28	1,505,000	\$1,493,681
Illinois State Toll Highway Authority Series A	5.000	01-01-45	2,365,000	2,538,135
Lake County School District No. 38, GO	5.000	11-01-34	430,000	465,512
Lake County School District No. 38, GO	5.000	11-01-35	350,000	378,356
Metropolitan Pier & Exposition Authority McCormick Place Expansion Project, Series A	4.000	12-15-42	2,000,000	1,985,409
Metropolitan Pier & Exposition Authority McCormick Place Expansion Project, Series B	5.000	12-15-27	3,345,000	3,401,318
Metropolitan Water Reclamation District of Greater Chicago Series A, GO	4.000	12-01-51	4,635,000	4,521,658
Moultrie Shelby & Coles Counties Community Unit School District No. 300, GO (C)	5.000	12-01-40	1,000,000	1,060,218
Moultrie Shelby & Coles Counties Community Unit School District No. 300, GO (C)	5.000	12-01-41	1,000,000	1,057,660
Northern Illinois University Series B (C)	5.000	04-01-28	110,000	115,429
Sales Tax Securitization Corp. Series A	4.000	01-01-39	750,000	753,691
Sales Tax Securitization Corp. Series A	4.000	01-01-42	1,950,000	1,969,461
Sales Tax Securitization Corp. Series A	5.000	01-01-32	905,000	954,378
Sales Tax Securitization Corp. Series A	5.000	01-01-37	4,215,000	4,397,934
Sales Tax Securitization Corp. Series A (C)	5.000	01-01-37	1,000,000	1,072,097
Sales Tax Securitization Corp. Series C	5.000	01-01-35	1,250,000	1,362,032
Sales Tax Securitization Corp. Series D	5.000	01-01-36	1,100,000	1,229,788
Sales Tax Securitization Corp. Series D	5.000	01-01-37	1,310,000	1,459,874
Sales Tax Securitization Corp. Series D	5.000	01-01-38	1,385,000	1,537,752
Sales Tax Securitization Corp. Series D	5.000	01-01-39	1,520,000	1,679,712
South Suburban College Community School District No. 510, GO (C)	5.250	12-01-37	1,190,000	1,304,224
South Suburban College Community School District No. 510, GO (C)	5.250	12-01-39	1,315,000	1,429,333
South Suburban College Community School District No. 510, GO (C)	5.250	12-01-41	1,490,000	1,608,689

	Rate (%)	Maturity date	Par value^	Value
Illinois (continued)				
St. Clair County Community Unit School District No. 187 Cahokia				
Series B, GO (C)	5.000	01-01-43	1,350,000	\$1,459,359
State of Illinois Series A, GO	5.000	10-01-28	1,750,000	1,868,243
State of Illinois Series A, GO	5.000	05-01-34	2,000,000	2,091,002
State of Illinois Series A, GO	5.000	05-01-40	350,000	361,940
State of Illinois Series B, GO	4.000	11-01-35	1,750,000	1,760,509
State of Illinois Series B, GO	5.000	10-01-30	2,000,000	2,191,603
State of Illinois Series B, GO	5.000	05-01-40	500,000	551,197
State of Illinois Series B, GO	5.250	05-01-43	500,000	553,332
State of Illinois Series B, GO	5.250	05-01-44	500,000	551,359
State of Illinois Series C, GO	4.000	10-01-39	3,000,000	2,979,137
State of Illinois Series D, GO	3.250	11-01-26	2,815,000	2,815,662
State of Illinois, GO (C)	4.000	02-01-31	1,050,000	1,063,829
Upper Illinois River Valley Development Authority Prairie Crossing Charter School Project (A)	5.000	01-01-55	625,000	611,611
Village of Bedford Park Hotel/Motel Tax Revenue Series A (C)	4.000	12-01-42	200,000	107 776
Village of Bedford Park Hotel/Motel Tax	4.000	12-01-42	200,000	197,776
Revenue Series A (C)	5.000	12-01-38	330,000	359,423
Village of Bedford Park Hotel/Motel Tax				
Revenue Series A (C)	5.000	12-01-40	270,000	291,396
Village of Lincolnwood Certificates of Participation, District 1860 Development Project, Series A (A)	4.820	01-01-41	5,790,000	5,701,482
Winnebago & Boone Counties School District No. 205 Rockford, GO (C)	5.000	02-01-32	3,500,000	3,826,993
Indiana 2.3%				29,297,828
City of Valparaiso Pratt Paper LLC Project, AMT (A)	4.875	01-01-44	500,000	515,458
City of Whiting BP Products North America, Inc., Series A,				
AMT	4.400	03-01-46	3,825,000	3,930,442
Greensburg Building Corp. Fire Station Project, Series A (C)	5.000	07-15-33	1,500,000	1,670,919

Indiana (continued)	Rate (%)	Maturity date	Par value^	Value
Greensburg Building Corp. Public Works Building Project, Series B (C)	5.000	07-15-33	1,195,000	\$1,331,165
Indiana Bond Bank Hamilton County Projects	3.000	07-15-36	740,000	703,690
Indiana Finance Authority CWA Authority Project. Series 2024-A	5.000	10-01-40	500,000	563,487
Indiana Finance Authority Hendricks Regional Health	4.250	03-01-49	3,850,000	3,826,512
Indiana Finance Authority Hendricks Regional Health	5.000	03-01-42	1,315,000	1,425,995
Indiana Finance Authority Hendricks Regional Health	5.000	03-01-43	1,200,000	1,295,490
Indiana Finance Authority Hendricks Regional Health	5.250	03-01-54	3,125,000	3,415,320
Indiana Finance Authority Ohio Valley Electric Corp. Project, Series A	4.250	11-01-30	1,000,000	1,031,406
Indiana Finance Authority Polyflow Industry Project, AMT (A)	7.000	03-01-39	1,165,000	547,772
Indiana Finance Authority The Methodist Hospitals, Inc., Series A	5.500	09-15-39	2,000,000	2,179,618
Indiana Finance Authority University Evansville Project, Series A	5.000	09-01-25	500,000	501,520
Indiana Municipal Power Agency Series A	5.000	01-01-42	815,000	849,430
Indianapolis Local Public Improvement Bond Bank	5.500			
Convention Center Hotel, Series E Indianapolis Local Public Improvement Bond	5.500	03-01-38	800,000	872,173
Bank Indianapolis Airport Authority Project, Series G-2, AMT	5.000	01-01-30	330,000	353,210
Indianapolis Local Public Improvement Bond Bank				
Indianapolis Airport Authority Project, Series G-2, AMT	5.000	01-01-31	1,095,000	1,183,739
Indianapolis Local Public Improvement Bond Bank Indianapolis Airport Authority Project,				
Series G-2, AMT Indianapolis Local Public Improvement Bond	5.000	01-01-32	305,000	330,951
Bank Indianapolis Airport Authority Project, Series G-2, AMT	5.000	01-01-33	595,000	645,872
Indianapolis Local Public Improvement Bond Bank	5.000		555,555	0.0,072
Indianapolis Airport Authority Project, Series G-2, AMT	5.000	01-01-34	205,000	221,411
Indianapolis Local Public Improvement Bond Bank Stormwater Project, Series C	4.000	01-01-47	790,000	796,826
Stornwater Project, Jelles C	4.000	01-01-47	7.50,000	190,020

Indiana (continued)	Rate (%)	Maturity date	Par value^	Value
Indiana (continued) North Lawrence Community Schools Building				
Corp.				
First Mortgage	5.000	07-15-32	250,000	\$282,741
North Lawrence Community Schools Building Corp.				
First Mortgage	5.000	01-15-33	275,000	312,664
North Lawrence Community Schools Building				
Corp. First Mortgage	5.000	07-15-33	200,000	228,598
North Lawrence Community Schools Building				
Corp.	E 000	01 15 24	245.000	201 /10
First Mortgage	5.000	01-15-34	245,000	281,419
lowa 0.6%				7,453,884
City of Johnston Certificates of Participation, Series B, GO	3.000	06-01-38	25,000	23,165
County of Polk Series A, GO	3.000	06-01-34	2,245,000	2,130,472
Harlan Community School District, GO (C)	4.000	06-01-32	515,000	540,118
Harlan Community School District, GO (C)	4.000	06-01-33	540,000	565,818
Iowa Great Lakes Sanitation District, GO	4.000	06-01-33	1,145,000	1,188,936
PEFA, Inc. Gas Project Revenue	5.000	09-01-49	2,000,000	2,049,406
Rock Valley Community School District,				
GO (C)	4.000	06-01-44	955,000	955,969
Kansas 0.5%				6,653,377
City of Prairie Village Meadowbrook TIF Project	2.875	04-01-30	535,000	531,387
City of Prairie Village Meadowbrook TIF Project	3.125	04-01-36	1,650,000	1,563,150
Kansas Development Finance Authority Adventhealth Obligated Group, Series B	5.000	11-15-54	3,000,000	3,357,285
Wyandotte County-Kansas City Unified Government				
Legends Apartments Garage & West Lawn Project	4.500	06-01-40	1,200,000	1,201,555
Kentucky 1.3%				16,968,355
County of Trimble				
Louisville Gas and Electric Company Project, Series A	3.750	06-01-33	2,500,000	2,526,285
County of Trimble Louisville Gas and Electric Company Project, Series A, AMT	1.300	09-01-44	2,500,000	2,305,161
Eastern Kentucky University Series A	5.000	04-01-27	480,000	500,897
Kenton County Airport Board Series A, AMT	5.000	01-01-29	300,000	317,824
Kenton County Airport Board Series A, AMT	5.000	01-01-30	550,000	589,213

	Rate (%)	Maturity date	Par value^	Value
Kentucky (continued) Kenton County Airport Board				
Series A, AMT	5.000	01-01-31	750,000	\$810,780
Kenton County Airport Board Series A, AMT	5.000	01-01-32	1,350,000	1,466,623
Kenton County Airport Board Series A, AMT	5.250	01-01-40	1,200,000	1,327,212
Kentucky Municipal Power Agency Prairie State Project, Series A	4.000	09-01-45	395,000	370,112
Kentucky Turnpike Authority Revitalization Projects, Series 2022-A	5.000	07-01-32	2,000,000	2,252,543
Louisville Water Company Water System Revenue	3.000	11-15-35	2,500,000	2,342,647
University of Kentucky Healthcare Cancer Center Parking Project	4.125	10-01-54	1,000,000	990,646
Woodford County School District Finance Corp. Series A (C)	6.000	08-01-31	1,000,000	1,168,412
	0.000	00 01 51	1,000,000	
Louisiana 1.8%				22,706,004
Facilities & Community Development Authority Downsville Community Charter School Project (A)	6.375	06-15-53	3,500,000	3,587,324
Louisiana Local Government Environmental Facilities & Community Development Authority Entergy Louisiana LLC Project, Series A	2.000	06-01-30	770,000	693,536
Louisiana Local Government Environmental Facilities & Community Development Authority Louisiana Insurance Guaranty Association Project, Series B	5.000	08-15-32	4,545,000	4,724,692
Louisiana Local Government Environmental Facilities & Community Development Authority			.,,	.,,
Westlake Chemical Corp. Project	3.500	11-01-32	5,085,000	4,985,946
Louisiana Public Facilities Authority Ochsner Clinic Foundation Project	5.000	05-15-46	2,500,000	2,549,106
New Orleans Aviation Board Parking Facilities Corp. Consolidated Garage System (C)	5.000	10-01-48	1,000,000	1,031,507
New Orleans Aviation Board Series B, AMT	5.000	01-01-39	275,000	292,828
New Orleans Aviation Board Series B, AMT	5.000	01-01-41	1,490,000	1,574,553
New Orleans Aviation Board Series B, AMT	5.000	01-01-42	685,000	722,796
New Orleans Aviation Board Series B, AMT	5.000	01-01-48	245,000	247,560
St. James Parish NuStar Logistics LP Project (A)	5.850	08-01-41	1,000,000	1,009,778

Levisions (continued)	Rate (%)	Maturity date	Par value^	Value
Louisiana (continued) State of Louisiana Gasoline & Fuels Tax				
Revenue				<i>.</i>
Series B	3.000	05-01-41	1,420,000	\$1,286,378
Maine 0.1%	F 000	02.45.22	000.000	963,983
City of Lewiston, GO	5.000	03-15-32	860,000	963,983
Maryland 1.6%				21,285,013
City of Gaithersburg Asbury Maryland Obligated Group	5.000	01-01-37	2,000,000	2,060,786
County of Howard Annapolis Junction Town Center Project	5.000	02-15-44	575,000	617,236
County of Howard Consolidated Public Improvement Project, Series A, GO	4.000	08-15-37	1,000,000	1,036,441
County of Prince George's Series A, GO	5.000	08-01-44	6,945,000	7,846,734
Maryland Department of Housing & Community Development Series A-1	5.000	06-01-44	1,000,000	1,109,872
Maryland Economic Development Corp. Morgan St. University Project, Series A	5.250	07-01-31	500,000	551,493
Maryland Economic Development Corp. Morgan St. University Project, Series A	5.250	07-01-32	500,000	555,655
Maryland Economic Development Corp. Morgan St. University Project, Series A	5.250	07-01-33	475,000	525,615
Maryland Health & Higher Educational Facilities Authority Broadmead Issue, Series A	5.000	07-01-43	1,240,000	1,278,690
Maryland Stadium Authority Built to Learn	5.000	06-01-27	845,000	892,075
State of Maryland Department of Transportation Series A	3.000	10-01-33	4,955,000	4,810,416
Massachusetts 3.7%				48,500,079
Commonwealth of Massachusetts Transportation Fund Revenue Rail Enhancement and Accelerated Bridge Programs, Series A	5.000	06-01-42	3,185,000	3,303,812
Massachusetts Bay Transportation Authority Sales Tax Revenue Series A-1	4.000	07-01-36	2,700,000	2,831,104
Massachusetts Bay Transportation Authority Sales Tax Revenue Series A-1	4.000	07-01-51	2,455,000	2,454,327
Massachusetts Development Finance Agency Boston Medical Center, Series D	5.000	07-01-44	3,165,000	3,166,729
Massachusetts Development Finance Agency Boston Medical Center, Series G	4.375	07-01-52	540,000	537,440
Massachusetts Development Finance Agency Boston Medical Center, Series G	5.250	07-01-48	2,000,000	2,154,577

••••••••••••••••••••••••••••••••••••••	Rate (%)	Maturity date	Par value^	Value
Massachusetts (continued) Massachusetts Development Finance Agency				
Boston University, Series BB1	5.000	10-01-46	150,000	\$154,119
Massachusetts Development Finance Agency Boston University, Series FF	5.000	10-01-48	1,000,000	1,095,815
Massachusetts Development Finance Agency Carleton-Willard Village Homes, Inc.	5.000	12-01-42	800,000	819,565
Massachusetts Development Finance Agency Dana Farber Cancer Institute, Series N	5.000	12-01-41	2,450,000	2,509,480
Massachusetts Development Finance Agency Mass General Brigham, Series D	5.000	07-01-54	865,000	934,290
Massachusetts Development Finance Agency Merrimack College	5.000	07-01-37	725,000	774,167
Massachusetts Development Finance Agency Merrimack College	5.000	07-01-52	1,075,000	1,103,952
Massachusetts Development Finance Agency Middlesex School	5.000	07-01-34	1,050,000	1,207,943
Massachusetts Development Finance Agency NewBridge on the Charles, Inc. (A)	5.000	10-01-37	2,000,000	2,035,945
Massachusetts Development Finance Agency NewBridge on the Charles, Inc. (A)	5.000	10-01-47	560,000	562,101
Massachusetts Development Finance Agency Suffolk University	5.000	07-01-32	620,000	637,075
Massachusetts Development Finance Agency Tufts Medicine, Series E	8.500	10-01-26	4,000,000	4,054,027
Massachusetts Development Finance Agency UMass Memorial Health Care, Series I	5.000	07-01-46	1,150,000	1,160,201
Massachusetts Development Finance Agency Worcester Polytechnic Institute	3.000	09-01-36	85,000	78,104
Massachusetts Development Finance Agency Worcester Polytechnic Institute	5.000	09-01-59	8,055,000	8,435,034
Massachusetts Housing Finance Agency Series A	3.800	12-01-43	460,000	449,026
Massachusetts Municipal Wholesale Electric Company				
Cotton Solar Project, Series A	5.000	07-01-29	200,000	218,020
Massachusetts Municipal Wholesale Electric Company	5 000	07.04.20	200.000	224 277
Cotton Solar Project, Series A	5.000	07-01-30	200,000	221,377
Massachusetts Municipal Wholesale Electric Company Cotton Solar Project, Series A	5.000	07-01-31	200,000	224,341
Massachusetts Municipal Wholesale Electric Company				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Cotton Solar Project, Series A	5.000	07-01-32	125,000	141,857
Massachusetts Port Authority BOSFuel Project, Series A, AMT	5.000	07-01-39	1,000,000	1,041,413
Massachusetts Port Authority BOSFuel Project, Series A, AMT	5.000	07-01-49	1,000,000	1,029,007
Massachusetts Port Authority Series C, AMT	5.000	07-01-30	400,000	427,928

	Rate (%)	Maturity date	Par value^	Value
Massachusetts (continued) Northeast Metropolitan Regional Vocational				
School District, GO	4.000	05-15-54	3,325,000	\$3,336,634
Town of Watertown, GO	4.000	06-15-47	1,390,000	1,400,669
Michigan 1.8%				23,704,530
City of Detroit, GO	5.000	04-01-26	660,000	673,327
City of Detroit, GO	5.000	04-01-30	800,000	868,614
City of Detroit, GO	5.500	04-01-32	295,000	323,487
City of Detroit, GO	5.500	04-01-33	470,000	513,926
City of Detroit, GO	5.500	04-01-34	330,000	360,228
City of Detroit, GO	5.500	04-01-39	1,290,000	1,389,834
City of Grand Rapids, GO	5.000	04-01-46	1,060,000	1,156,788
Detroit City School District School Building and Site Improvement, Series A, GO (C)	5.250	05-01-32	1,100,000	1,241,090
Gerald R. Ford International Airport	5.250	05 01 52	1,100,000	1,241,050
Authority, AMT	5.000	01-01-34	1,285,000	1,450,456
Gerald R. Ford International Airport Authority, AMT	5.000	01-01-36	710,000	794,465
Great Lakes Water Authority Sewage Disposal System Revenue Series C	5.000	07-01-35	4,000,000	4,092,834
Great Lakes Water Authority Water Supply System Revenue Series A	5.000	07-01-45	500,000	538,995
Michigan Finance Authority Henry Ford Health Utility Plant Project	5.000	02-29-36	1,000,000	1,124,298
Michigan Finance Authority Henry Ford Health Utility Plant Project	5.000	02-28-38	1,000,000	1,114,796
Michigan Finance Authority Lawrence Technological University	4.000	02-01-32	490,000	477,212
Michigan Finance Authority Lawrence Technological University	4.000	02-01-42	515,000	454,188
Michigan Finance Authority McLaren Healthcare Hospital, Series A	5.000	05-15-38	1,200,000	1,204,958
Michigan Finance Authority Series A-1	4.000	06-01-49	1,800,000	1,624,908
Michigan Mathematics & Science Initiative Public School Academy	4.000	01-01-31	810,000	789,310
Oakland University Series B	5.000	03-01-34	615,000	684,387
State of Michigan Trunk Line Revenue Rebuilding Michigan Program, Series B	4.000	11-15-39	2,750,000	2,826,429
Minnesota 0.3%				3,586,949
Duluth Economic Development Authority St. Luke Hospital of Duluth, Series A	4.000	06-15-34	215,000	223,450
Duluth Economic Development Authority St. Luke Hospital of Duluth, Series A	4.000	06-15-36	590,000	609,704

	Rate (%)	Maturity date	Par value^	Value
Minnesota (continued) Duluth Economic Development Authority				
St. Luke Hospital of Duluth, Series A	4.000	06-15-36	400,000	\$414,174
Edina Independent School District No. 273 Series A, GO	3.000	02-01-35	1,740,000	1,691,737
Minnesota Housing Finance Agency Series A	2.950	02-01-46	747,681	647,884
Mississippi 0.3%				4,503,583
Mississippi Business Finance Corp. System Energy Resources, Inc. Project	2.375	06-01-44	1,595,000	1,043,552
Mississippi Development Bank Magnolia Regional Health Center Project (A)	4.000	10-01-41	1,000,000	843,221
Mississippi State University Educational Building Corp. New Residence Hall and Facilities				
Refinancing, Series B	5.000	08-01-41	1,395,000	1,570,744
State of Mississippi Gaming Tax Revenue Series A	5.000	10-15-36	1,000,000	1,046,066
Missouri 1.5%				20,072,603
Andrew County Reorganized School District No. 3				
Certificates of Participation, Series A (C)	5.000	04-15-37	335,000	376,949
City of Kansas City Water Revenue Series A	3.500	12-01-37	3,580,000	3,488,037
Health & Educational Facilities Authority of the State of Missouri	F 000	02.01.42	250.000	254 244
Lutheran Senior Service Project, Series A Health & Educational Facilities Authority of	5.000	02-01-42	250,000	254,341
the State of Missouri Mercy Health	5.500	12-01-48	1,000,000	1,127,843
Lee's Summit Industrial Development Authority				
John Knox Village Project, Series A	4.825	08-15-47	1,385,000	1,390,716
Lee's Summit Industrial Development Authority John Knox Village Project, Series A	5.000	08-15-32	2,100,000	2,141,133
Lee's Summit Industrial Development Authority				
John Knox Village Project, Series A	5.000	08-15-36	85,000	85,604
Lee's Summit Industrial Development Authority John Knox Village Project, Series A	5.000	08-15-39	1,000,000	1,067,757
Missouri Development Finance Board Infrastructure Facilities Revenue (C)	5.000	06-01-28	1,250,000	1,342,374
Missouri Development Finance Board St. Louis Zoo Projects	5.000	05-01-31	1,000,000	1,109,405
Missouri Development Finance Board St. Louis Zoo Projects	5.000	05-01-32	1,125,000	1,260,656

	Rate (%)	Maturity date	Par value^	Value
Missouri (continued)				
Missouri Joint Municipal Electric Utility Commission MoPEP Facilities	E 000	12 01 20	750,000	¢000.1E6
Missouri Joint Municipal Electric Utility	5.000	12-01-28	750,000	\$809,156
Commission MoPEP Facilities	5.000	12-01-31	1,000,000	1,119,799
Missouri Joint Municipal Electric Utility Commission	5.000	42.04.22	500.000	565 754
MoPEP Facilities	5.000	12-01-32	500,000	565,754
Missouri Joint Municipal Electric Utility Commission MoPEP Facilities	5.000	12-01-34	735,000	820,294
Riverview Gardens School District, GO	6.000	04-01-44	185,000	208,141
St. Louis County Industrial Development Authority Manchester Ballas Community Improvement Disctrict Project, Series A (A)	5.000	09-01-38	1,900,000	1,899,928
Taney County Industrial Development Authority	5.000	40.04.22	4 000 000	4 004 746
Big Cedar Infrastructure Project (A)	5.000	10-01-33	1,000,000	1,004,716
Montana 0.3%				3,446,590
City of Forsyth NorthWestern Corp. Colstrip Project	3.875	07-01-28	3,000,000	3,054,668
Montana Facility Finance Authority Montana Children's Home and Hospital	4.000	07-01-50	550,000	391,922
Nebraska 1.1%				14,182,469
Nebraska State Colleges Student Fees & Facilities Revenue (C)	5.000	07-01-48	895,000	961,013
Omaha Airport Authority Airport Facilities, AMT (C)(D)	5.000	12-15-36	2,000,000	2,199,079
Omaha Public Power District Series A	5.000	02-01-43	5,000,000	5,547,341
Omaha Public Power District Series C (D)	5.000	02-01-54	5,000,000	5,475,036
Nevada 1.1%				14,013,282
Clark County School District Series A, GO	4.000	06-15-43	10,000	9,965
Clark County School District Series A, GO	4.000	06-15-44	3,000,000	2,958,762
County of Clark	5.000	07-01-35	180,000	205,222
County of Clark Department of Aviation Series A, AMT	5.000	07-01-26	1,000,000	1,025,144
Las Vegas Convention & Visitors Authority Series A	5.000	07-01-37	700,000	786,762
Las Vegas Convention & Visitors Authority Series A	5.000	07-01-38	1,350,000	1,507,513
Las Vegas Valley Water District Series C, GO	4.000	06-01-39	3,000,000	3,068,238

Nevada (continued)	Rate (%)	Maturity date	Par value^	Value
Reno-Tahoe Airport Authority Tahoe International Airport, Series A, AMT	5.250	07-01-37	300,000	\$335,231
Reno-Tahoe Airport Authority Tahoe International Airport, Series A, AMT	5.250	07-01-38	1,025,000	1,140,850
Reno-Tahoe Airport Authority Tahoe International Airport, Series A, AMT	5.250	07-01-39	400,000	442,787
Reno-Tahoe Airport Authority Tahoe International Airport, Series A, AMT	5.250	07-01-40	400,000	440,634
Washoe County School District School Improvement, Series A, GO (C)	3.000	06-01-34	2,150,000	2,092,174
New Hampshire 0.6%				7,408,220
New Hampshire Business Finance Authority Pennichuck Water Works, Inc., AMT, Series A	5.375	04-01-49	200,000	206,339
New Hampshire Business Finance Authority Pennichuck Water Works, Inc., AMT, Series A	5.500	04-01-43	190,000	201,491
New Hampshire Business Finance Authority Pennichuck Water Works, Inc., AMT,				
Series A New Hampshire Business Finance Authority Series A (A)	5.500 3.625	04-01-54	300,000	309,463 1,293,905
New Hampshire Business Finance Authority Springpoint Senior Living	4.000	01-01-41	1,000,000	931,877
New Hampshire Health & Education Facilities Authority Catholic Medical Center	3.375	07-01-33	10,000	9,174
New Hampshire Health & Education Facilities Authority Catholic Medical Center	3.500	07-01-34	245,000	222,761
New Hampshire Health & Education Facilities Authority				
Catholic Medical Center New Hampshire Health & Education Facilities Authority	3.750	07-01-40	145,000	125,224
Catholic Medical Center New Hampshire Health & Education Facilities Authority	5.000	07-01-37	50,000	50,795
Darmouth College, Series B	3.300	06-01-40	500,000	502,841
New Hampshire Health & Education Facilities Authority Dartmouth Hitchcock Group, Series A	5.000	08-01-34	3,405,000	3,554,350
New Jersey 2.0%				26,304,781
Casino Reinvestment Development Authority, Inc. Series A (C)	5.000	11-01-40	750,000	838,483
Casino Reinvestment Development Authority, Inc.				
Series A (C)	5.000	11-01-41	500,000	555,441

New Jersey (continued)	Rate (%)	Maturity date	Par value^	Value
Casino Reinvestment Development Authority,				
Inc. Series B (C)	5.000	11-01-40	840,000	\$939,101
Casino Reinvestment Development Authority, Inc.	5 000	11 01 11		
Series B (C) County of Somerset	5.000	11-01-41	860,000	955,359
Series A & C, GO	3.000	07-15-30	250,000	249,404
New Jersey Economic Development Authority Municipal Rehabilitation, Series A	5.250	04-01-28	1,600,000	1,720,656
New Jersey Economic Development Authority Port Newark Container Terminal LLC, AMT	5.000	10-01-47	2,000,000	2,025,900
New Jersey Economic Development Authority Series RRR	5.000	03-01-28	2,265,000	2,416,446
New Jersey Economic Development Authority Series SSS	5.250	06-15-36	1,000,000	1,163,232
New Jersey Economic Development Authority Series SSS	5.250	06-15-37	1,000,000	1,158,876
New Jersey Economic Development Authority Series SSS	5.250	06-15-39	1,000,000	1,150,187
New Jersey Transportation Trust Fund Authority Series A	4.000	06-15-35	2,255,000	2,307,342
New Jersey Transportation Trust Fund Authority Series A	4.250	06-15-40	1,315,000	1,369,624
New Jersey Transportation Trust Fund Authority Series AA	5.000	06-15-30	500,000	553,542
New Jersey Transportation Trust Fund Authority Series AA	5.000	06-15-44	1,415,000	1,417,696
New Jersey Transportation Trust Fund Authority				
Series BB-1 New Jersey Transportation Trust Fund Authority	5.000	06-15-29	1,700,000	1,836,406
Series C (C)(E)	3.410	12-15-31	750,000	590,280
State of New Jersey, GO	2.000	06-01-27	1,135,000	1,087,745
State of New Jersey, GO	2.000	06-01-29	1,795,000	1,653,256
Tobacco Settlement Financing Corp. Series B	5.000	06-01-46	2,305,000	2,315,805
New Mexico 0.1%				1,055,634
City of Albuquerque Transportation Infrastructure	4.000	07-01-33	1,000,000	1,030,666
New Mexico Educational Assistance Foundation	2.075	04.01.24	25.000	24.000
Education Loan, Series A-1, AMT	3.875	04-01-34	25,000	24,968

New York 4.9%	Rate (%)	Maturity date	Par value^	Value \$63,315,977
Albany County Airport Authority Series B, AMT	5.000	12-15-26	600,000	619,045
Battery Park City Authority Series A	5.000	11-01-49	15,000	16,046
Build NYC Resource Corp. KIPP NYC Public Charter Schools - Canal West Project	5.250	07-01-52	1,000,000	1,049,323
Build NYC Resource Corp. KIPP NYC Public Charter Schools - Canal West Project	5.250	07-01-62	2,000,000	2,086,624
Build NYC Resource Corp. Seton Education Partners Brilla Project, Series A (A)	4.000	11-01-41	250,000	230,775
Build NYC Resource Corp. Seton Education Partners Brilla Project, Series A (A)	4.000	11-01-51	255,000	221,215
City of New York Fiscal 2021, Series C, GO	4.000	08-01-37	1,320,000	1,358,872
City of New York Series F-1, GO	5.000	03-01-50	1,395,000	1,490,150
City of Yonkers Series F, GO (C)	5.000	11-15-28	205,000	223,483
City of Yonkers Series F, GO (C)	5.000	11-15-30	80,000	90,225
City of Yonkers Series F, GO (C)	5.000	11-15-31	300,000	343,032
City of Yonkers Series F, GO (C)	5.000	11-15-32	250,000	289,416
City of Yonkers Series G, GO (C)	5.000	11-15-30	410,000	462,405
City of Yonkers Series G, GO (C)	5.000	11-15-31	10,000	11,434
County of Nassau Series B, GO (C)	5.000	07-01-37	635,000	675,523
Dutchess County Local Development Corp. Health Quest Systems, Inc., Series B	4.000	07-01-41	2,000,000	1,933,335
Dutchess County Local Development Corp. Marist College Project	5.000	07-01-34	200,000	228,854
Dutchess County Local Development Corp. Marist College Project	5.000	07-01-35	250,000	284,976
Dutchess County Local Development Corp. Nuvance Health Issue, Series B (C)	4.000	07-01-49	1,000,000	964,797
Hempstead Town Local Development Corp. Hofstra University Project	5.000	07-01-47	1,490,000	1,528,781
Metropolitan Transportation Authority Series A (C)	4.000	11-15-46	2,000,000	1,977,163
Metropolitan Transportation Authority Series A-1	5.000	11-15-45	2,000,000	2,005,912
Metropolitan Transportation Authority Series C-1	5.000	11-15-30	500,000	515,492

New York (continued)	Rate (%)	Maturity date	Par value^	Value
Monroe County Industrial Development Corp. St. John Fisher University Project	5.250	06-01-49	350,000	\$385,415
Monroe County Industrial Development Corp. St. John Fisher University Project	5.250	06-01-54	250,000	271,618
New York City Industrial Development Agency Yankee Stadium Project, Series A (C)	5.000	03-01-28	350,000	373,239
New York City Municipal Water Finance Authority 2nd General Resolution Fiscal 2021, Series AA-2	4.000	06-15-43	750,000	756,963
New York City Municipal Water Finance Authority Series GG	5.000	06-15-50	2,795,000	2,964,896
New York City Transitional Finance Authority Future Tax Subordinated Bonds, Series A	4.000	11-01-38	500,000	515,049
New York City Transitional Finance Authority Future Tax Subordinated Bonds, Series C-1	4.000	11-01-38	3,010,000	3,057,170
New York City Transitional Finance Authority Future Tax Subordinated Bonds, Series C-1	4.000	05-01-40	330,000	336,518
New York City Transitional Finance Authority Future Tax Subordinated Bonds, Series C-1	4.000	05-01-45	250,000	250,545
New York City Transitional Finance Authority Future Tax Subordinated Bonds, Series C-1	5.000	05-01-41	300,000	326,604
New York City Transitional Finance Authority Series A-1	5.000	11-01-39	990,000	1,138,546
New York City Transitional Finance Authority Series E-1	4.000	02-01-39	1,710,000	1,758,831
New York Liberty Development Corp. World Trade Center, Class 2-3 (A)	5.150	11-15-34	2,500,000	2,502,047
New York Power Authority Series A	4.000	11-15-45	400,000	399,984
New York State Dormitory Authority Series A	4.000	03-15-37	2,295,000	2,371,111
New York State Dormitory Authority Series A	5.000	03-15-44	750,000	830,284
New York State Dormitory Authority Series A	5.250	03-15-52	500,000	555,515
New York State Dormitory Authority Series D	4.000	02-15-39	2,450,000	2,497,658
New York State Dormitory Authority Series E	4.000	03-15-39	365,000	374,213
New York State Dormitory Authority Teachers College	4.000	07-01-46	750,000	755,876
New York State Dormitory Authority White Plains Hospital Obligated Group (C)	5.000	10-01-38	1,000,000	1,125,375
New York State Dormitory Authority White Plains Hospital Obligated Group (C)	5.000	10-01-39	1,000,000	1,121,885
New York State Environmental Facilities Corp. Casella Waste System, Inc. Project, AMT	2.750	09-01-50	3,595,000	3,565,544

New York (continued) New York State Environmental Facilities Corp. Series B 4.000 06-15-37 495,000 New York State Urban Development Corp. Series C 5.000 03-15-31 1,745,000 New York Transportation Development Corp. American Airlines, Inc., John F. Kennedy International Airport, AMT 2.250 08-01-26 80,000 New York Transportation Development Corp. Delta Airlines, Inc., Laguardia Airport, AMT 4.000 01-01-36 2,000,000	\$511,471 1,952,008 78,197 1,957,135
Series B4.00006-15-37495,000New York State Urban Development Corp. Series C5.00003-15-311,745,000New York Transportation Development Corp. American Airlines, Inc., John F. Kennedy International Airport, AMT2.25008-01-2680,000New York Transportation Development Corp.New York Transportation Development Corp.	1,952,008 78,197 1,957,135
Series C 5.000 03-15-31 1,745,000 New York Transportation Development Corp. American Airlines, Inc., John F. Kennedy International Airport, AMT 2.250 08-01-26 80,000 New York Transportation Development Corp. 80,000 80,000 80,000	78,197
American Airlines, Inc., John F. Kennedy International Airport, AMT 2.250 08-01-26 80,000	1,957,135
	1 026 622
New York Transportation Development Corp. John F. Kennedy International Airport Project, AMT 5.000 06-30-60 1,000,000	1,026,633
New York Transportation Development Corp. John F. Kennedy International Airport Project, Terminal 4, AMT 5.000 12-01-24 1,000,000	1,000,000
New York Transportation Development Corp. John F. Kennedy International Airport Project, Terminal 4, AMT 5.000 12-01-25 1,100,000	1,115,488
New York Transportation Development Corp. New York State Thruway Service Areas Project, AMT 2.500 10-31-31 500,000	427,945
Onondaga Civic Development Corp. Crouse Health Hospital, Inc. 5.375 08-01-54 1,000,000	924,599
Port Authority of New York & New Jersey 5.250 10-15-55 3,000,000	3,040,601
Schenectady County Capital Resource Corp. Union College Project 5.000 07-01-32 100,000	114,489
Suffolk Regional Off-Track Betting Company 5.750 12-01-44 500,000	522,254
Suffolk Tobacco Asset Securitization Corp. New York Tobacco Settlement Asset Backed Subordinated, Series B-1 4.000 06-01-50 430,000	425,803
Triborough Bridge & Tunnel Authority MTA Bridge & Tunnels, Series A 5.000 11-15-49 400,000	424,808
Troy Capital Resource Corp. Rensselaer Polytechnic Institute, Series A 5.000 09-01-30 1,365,000	1,496,809
Troy Capital Resource Corp. Rensselaer Polytechnic Institute, Series A 5.000 09-01-39 1,350,000	1,455,973
North Carolina 0.6%	7,747,468
City of Charlotte Airport Revenue	44077
Series A 4.000 07-01-51 15,000 County of Dara E.000 06.01.41 250.000	14,877
County of Dare 5.000 06-01-41 250,000 County of Dare E.000 06-01.42 350,000	283,403
County of Dare 5.000 06-01-42 250,000 County of Dare 5.000 06-01-42 275,000	282,266
County of Dare 5.000 06-01-43 275,000	309,236
County of Dare 5.000 06-01-44 250,000	279,385
County of Durham 5.000 06-01-41 1,000,000 Series A 5.000 06-01-41 1,000,000	1,131,871
County of Macon 4.000 10-01-44 350,000	353,350

	Rate (%)	Maturity date	Par value^	Value
North Carolina (continued) Greater Asheville Regional Airport Authority				
North Carolina Airport System Revenue,				
AMT (C)	5.250	07-01-40	980,000	\$1,079,056
North Carolina Capital Facilities Finance Agency				
High Point University	5.000	05-01-31	20,000	21,743
North Carolina Medical Care Commission Every Age, Series B	5.000	09-01-44	1,260,000	1,315,860
North Carolina Medical Care Commission Penick Village Project, Series B-1	4.750	09-01-29	410,000	410,957
North Carolina Medical Care Commission Presbyterian Homes, Series C	4.000	10-01-31	115,000	115,360
University of North Carolina at Charlotte UNC Board of Governors	5.000	10-01-42	2,065,000	2,150,104
North Dakota 0.3%				4,005,678
Cass County Joint Water Resource District Series A, GO	3.450	04-01-27	1,625,000	1,627,115
City of Bismarck Series T, GO	3.000	05-01-34	565,000	549,915
City of Bismarck Series T, GO	3.000	05-01-35	315,000	304,816
City of Bismarck Series T, GO	3.000	05-01-36	330,000	317,116
City of Bismarck Series T, GO	3.000	05-01-37	200,000	190,846
City of Grand Forks Altru Health System, Series A (C)	5.000	12-01-39	675,000	732,916
City of Grand Forks Altru Health System, Series A (C)	5.000	12-01-43	265,000	282,954
Ohio 2.1%				27,711,114
American Municipal Power, Inc.				
Prairie State Energy Campus Project, Series A	4.000	02-15-35	840,000	861,775
Buckeye Tobacco Settlement Financing Authority			,	
Series A-2, Class 1	4.000	06-01-48	1,000,000	908,904
City of Cleveland Series A, GO	5.000	12-01-44	550,000	604,593
City of Cleveland Series A, GO	5.000	12-01-47	1,000,000	1,087,535
Cleveland-Cuyahoga County Port Authority Cleveland Museum of Natural History	4.000	07-01-51	905,000	863,839
Columbus Metropolitan Housing Authority Waldren Woods Project	4.000	06-01-34	1,000,000	1,001,788
Copley-Fairlawn City School District, GO	5.000	12-01-41	815,000	856,379
Copley-Fairlawn City School District, GO	5.000	12-01-42	885,000	927,482
Copley-Fairlawn City School District, GO	5.000	12-01-43	700,000	732,363

	Rate (%)	Maturity date	Par value^	Value
Ohio (continued)				
County of Hamilton Life Enriching Communities Project	5.000	01-01-46	770,000	\$770,256
County of Hamilton Life Enriching Communities Project, Series A	5.250	01-01-38	500,000	528,745
County of Hamilton Life Enriching Communities Project, Series A	5.500	01-01-43	500,000	529,234
County of Hamilton TriHealth, Inc. Obligation Group Project, Series A	5.000	08-15-42	4,000,000	4,111,148
County of Lucas Promedica Healthcare, Series A	5.250	11-15-48	515,000	524,530
County of Montgomery Solvita Project	5.000	09-01-37	1,020,000	1,123,459
County of Montgomery Solvita Project	5.000	09-01-38	1,070,000	1,173,875
County of Montgomery Solvita Project	5.250	09-01-40	360,000	398,260
County of Montgomery Solvita Project	5.250	09-01-42	360,000	394,812
County of Montgomery Solvita Project	5.250	09-01-43	400,000	436,897
County of Warren Community First Solutions Obligated Group, Series A	5.000	05-15-44	500,000	525,592
Cuyahoga Falls City School District Certificates of Participation (C)	5.000	12-01-38	325,000	344,008
Jefferson County Port Authority JSW Steel Project, AMT (A)	5.000	12-01-53	3,550,000	3,642,802
Miami University Series A	5.000	09-01-33	1,055,000	1,181,867
Ohio Air Quality Development Authority Duke Energy Corp. Project, AMT	4.250	11-01-39	1,000,000	1,015,459
Ohio Air Quality Development Authority Duke Energy Corp. Project, Series 2022-B	4.000	09-01-30	1,055,000	1,067,581
Ohio Water Development Authority Drinking Water Assistance Fund, Series A	5.000	12-01-32	650,000	750,998
State of Ohio Highway Capital Improvement, Series W, GO	5.000	05-01-32	620,000	687,852
State of Ohio Portsmouth Bypass Project, AMT (C)	5.000	12-31-35	650,000	653,872
University of Cincinnati Series A	5.000	06-01-44	5,000	5,209
Oklahoma 0.9%				11,696,808
Blaine County Educational Facilities Authority Watonga Public Schools Project	5.000	12-01-30	800,000	863,387
Kay County Public Buildings Authority Ponca City Public Schools Project	5.000	09-01-27	2,000,000	2,091,038

	Rate (%)	Maturity date	Par value^	Value
Oklahoma (continued)				
McClain County Economic Development Authority				
Washington Public Schools Project	4.000	09-01-34	1,810,000	\$1,880,919
Oklahoma Development Finance Authority OU Medicine Project, Series B	5.000	08-15-38	2,150,000	2,208,429
Oklahoma Water Resources Board Clean Water Program	5.000	04-01-39	115,000	131,382
Stephens County Educational Facilities Authority Marlow Public Schools Project	E 000	00 01 27	E00.000	E22 E6E
Marlow Public Schools Project Tulsa Airports Improvement Trust	5.000	09-01-27	500,000	523,565
American Airlines, Inc., AMT	5.000	06-01-35	1,475,000	1,483,097
Tulsa Authority for Economic Opportunity Vast Bank Project (A)	4.000	12-01-43	1,040,000	988,199
Tulsa County Industrial Authority Montereau, Inc. Project	5.250	11-15-37	1,000,000	1,020,597
Tulsa County Industrial Authority Montereau, Inc. Project	5.250	11-15-45	500,000	506,195
Oregon 0.8%				10,105,981
Astoria Hospital Facilities Authority Columbia Memorial Hospital Project	5.250	08-01-54	1,200,000	1,283,463
City of Forest Grove Pacific University, Series 2022-A	4.000	05-01-34	1,340,000	1,305,420
City of Newport Series B, GO (C)(E)	3.161	06-01-27	190,000	175,581
Oregon State University Series C (D)	5.000	04-01-45	1,250,000	1,344,569
Port of Portland Airport Revenue Series 24B, AMT	5.000	07-01-42	1,070,000	1,087,539
Port of Portland Airport Revenue Series 28, AMT	4.000	07-01-35	1,990,000	2,002,214
Salem Hospital Facility Authority Capital Manor Project	5.000	05-15-53	190,000	189,024
Salem-Keizer School District No. 24J, GO (E)	3.451	06-15-29	1,105,000	945,168
Union County Hospital Facility Authority Grande Ronde Hospital Project	5.000	07-01-28	30,000	31,315
Union County Hospital Facility Authority Grande Ronde Hospital Project	5.000	07-01-29	185,000	194,656
Union County Hospital Facility Authority Grande Ronde Hospital Project	5.000	07-01-40	1,000,000	1,023,595
Union County Hospital Facility Authority Grande Ronde Hospital Project	5.000	07-01-42	515,000	523,437
Pennsylvania 4.0%				51,385,473
Allegheny County Higher Education Building Authority				-
Duquesne University	5.000	03-01-42	1,250,000	1,375,090
Allegheny County Higher Education Building Authority Duquesne University	5.000	03-01-43	1,000,000	1,095,974
· · · · · · · · · · · · · · · · · · ·	5.000		.,	.,,

	Rate (%)	Maturity date	Par value^	Value
Pennsylvania (continued) Allegheny County Higher Education Building				
Authority				
Duquesne University, Series 2022-A	5.000	03-01-34	640,000	\$714,691
Allentown Commercial and Industrial Development Authority Lincoln Leadership Academy Charter School Project	5.000	06-15-33	2 140 000	2 271 110
Berks County Municipal Authority	5.000	00-10-00	3,140,000	3,271,118
Tower Health Project, Series A-3	5.000	06-30-39	518,000	515,091
Berks County Municipal Authority Tower Health Project, Series A-4	7.000	06-30-39	3,500,000	3,260,859
Berks County Municipal Authority Tower Health Project, Series B-2 (0.000% to 11-15-29, then 8.000% thereafter)	0.000	06-30-44	2,000,000	1,176,445
Chester County Industrial Development Authority Avon Grove Charter School	5.000	03-01-27	1,000,000	1,020,887
Chester County Industrial Development	5.000	00 01 27	.,	.,020,001
Authority Longwood Gardens Project	4.000	12-01-49	1,345,000	1,322,937
City of Philadelphia Series A, GO	5.000	05-01-34	2,010,000	2,221,290
City of Philadelphia Airport Revenue Private Activity, AMT (C)	4.000	07-01-46	545,000	534,501
County of Lackawanna, GO (C)	4.000	09-15-35	450,000	451,093
Delaware County Authority Cabrini University	5.000	07-01-42	200,000	210,153
Delaware River Port Authority Pennsylvania and New Jersey Port District Project	5.000	01-01-27	1,050,000	1,097,391
Doylestown Hospital Authority (A)	5.375	07-01-39	1,500,000	1,643,271
Greater Greensburg Sewer Authority Series A (C)	5.000	03-15-30	20,000	21,834
Greater Greensburg Sewer Authority Series B (C)	5.000	03-15-33	75,000	84,593
Greater Greensburg Sewer Authority Series C (C)	5.000	03-15-34	195,000	220,304
Lancaster County Hospital Authority Brethren Village Project	5.125	07-01-37	575,000	578,818
Lancaster County Hospital Authority Brethren Village Project	5.250	07-01-41	1,420,000	1,425,571
Lancaster County Hospital Authority Masonic Villages Project	5.000	11-01-30	2,485,000	2,649,007
Lancaster County Hospital Authority Masonic Villages Project	5.125	11-01-38	1,045,000	1,130,084
Montgomery County Industrial Development Authority Acts Retirement-Life Communities, Series C	5.000	11-15-45	2,415,000	2,497,264
Senes e	5.000	C# CF 11	2,713,000	2,737,204

	Rate (%)	Maturity date	Par value^	Value
Pennsylvania (continued)				
Pennsylvania Economic Development Financing Authority				
Energy Supply LLC Project, Series B	5.250	12-01-38	450,000	\$458,544
Pennsylvania Economic Development				
Financing Authority Energy Supply LLC Project, Series C	5.250	12-01-37	1,000,000	1,019,120
Pennsylvania Economic Development	5.250	12 01 37	1,000,000	1,013,120
Financing Authority				
Presbyterian Senior Living Pennsylvania Higher Educational Facilities	5.000	07-01-38	2,500,000	2,667,671
Authority				
Thomas Jefferson University, Series B-1	5.250	11-01-44	1,880,000	2,077,170
Pennsylvania Higher Educational Facilities				
Authority Thomas Jefferson University, Series B-2 (D)	4.375	11-01-54	1,000,000	999,026
Pennsylvania Turnpike Commission				,
Series A	5.000	12-01-44	1,000,000	1,060,100
Pennsylvania Turnpike Commission Series B	5.000	12-01-29	250,000	276,025
Pennsylvania Turnpike Commission	5.000	12-01-29	230,000	270,023
Series B	5.000	12-01-30	250,000	280,392
Pennsylvania Turnpike Commission				
Series B	5.000	12-01-31	250,000	283,821
Pennsylvania Turnpike Commission Series B	5.000	12-01-32	250,000	287,261
Pennsylvania Turnpike Commission				
Series B	5.000	12-01-33	250,000	286,059
Pennsylvania Turnpike Commission Series B	5.000	12-01-34	150,000	171,021
Pennsylvania Turnpike Commission	5.000	12-01-34	150,000	171,021
Series B	5.000	12-01-35	250,000	284,199
Pennsylvania Turnpike Commission				
Series C	5.000	12-01-44	1,630,000	1,630,072
Philadelphia Authority for Industrial Development				
Holy Family University Project	5.000	09-01-27	1,225,000	1,268,545
Philadelphia Authority for Industrial				
Development Holy Family University Project	5.000	09-01-28	645,000	672,344
Philadelphia Authority for Industrial	5.000	05 01 20	0.0,000	0,2,011
Development			4 435 999	
Holy Family University Project	5.000	09-01-29	1,135,000	1,191,434
Philadelphia Authority for Industrial Development				
Philadelphia E&T Charter High School,			205 222	~~
Series A	4.000	06-01-31	205,000	204,189
Philadelphia Gas Works Company 1998 General Ordinance, Fifteenth Series	5.000	08-01-42	2,000,000	2,072,413
Pittsburgh Water & Sewer Authority			, ,	,,
Series A (C)	5.000	09-01-43	1,530,000	1,690,470

	Rate (%)	Maturity date	Par value^	Value
Pennsylvania (continued) Sports & Exhibition Authority of Pittsburgh				
and Allegheny County Series A (C)	5.000	02-01-34	1,895,000	\$2,096,612
Sports & Exhibition Authority of Pittsburgh and Allegheny County Series B (C)	5.000	02-01-28	1,530,000	1,621,491
Sports & Exhibition Authority of Pittsburgh and Allegheny County Series B (C)	5.000	02-01-29	250,000	269,228
Puerto Rico 1.2%				16,047,601
Puerto Rico Commonwealth CW Guarantee Bond Claims, GO (E)	2.543	11-01-43	8,982,646	5,546,784
Puerto Rico Commonwealth Series A, GO (E)	4.325	07-01-33	109,001	75,388
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-33	84,700	84,360
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-35	76,134	75,266
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-37	65,344	64,105
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-41	88,842	85,479
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-46	92,394	87,978
Puerto Rico Commonwealth Series A-1, GO	5.375	07-01-25	47,101	47,628
Puerto Rico Commonwealth Series A-1, GO	5.625	07-01-27	93,478	97,799
Puerto Rico Commonwealth Series A-1, GO	5.625	07-01-29	91,962	99,213
Puerto Rico Commonwealth Series A-1, GO	5.750	07-01-31	89,322	99,559
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-1 (E)	3.892	07-01-31	2,989,000	2,316,291
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-1	4.500	07-01-34	2,000,000	2,006,312
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-1 (E)	5.321	07-01-51	1,400,000	345,847
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-2	4.550	07-01-40	5,000,000	5,015,592
Rhode Island 0.8%				10,151,834
Providence Public Building Authority Capital Improvement Program, Series A (C)	5.250	09-15-43	1,000,000	1,113,140
Rhode Island Health and Educational Building Corp.	E 000	06.01.40	1 825 000	2 040 225
Bryant University Rhode Island Health and Educational Building Corp.	5.000	06-01-40	1,835,000	2,040,335
Bryant University	5.000	06-01-48	1,000,000	1,084,914

	Rate (%)	Maturity date	Par value^	Value
Rhode Island (continued) Rhode Island Health and Educational				
Building Corp.				
Providence College	5.000	11-01-53	1,350,000	\$1,458,014
Rhode Island Health and Educational Building Corp.				
Town of Middleton, Series F	4.125	05-15-54	750,000	751,188
Rhode Island Health and Educational				
Building Corp. University of Rhode Island	4.000	09-15-40	290,000	293,720
Rhode Island Health and Educational	4.000	09-19-40	290,000	293,720
Building Corp.				
University of Rhode Island	4.125	09-15-43	400,000	405,988
Rhode Island Health and Educational Building Corp.				
University of Rhode Island	5.000	09-15-41	1,095,000	1,195,069
Rhode Island Health and Educational				
Building Corp. University of Rhode Island	5.250	09-15-42	200,000	221,155
Tobacco Settlement Financing Corp.	5.250	09-13-42	200,000	221,133
Series B	4.500	06-01-45	1,585,000	1,588,311
South Carolina 2.6%				33,714,245
Charleston County Airport District				
Series A, AMT	5.250	07-01-41	700,000	774,025
Charleston County Airport District Series A, AMT	5.250	07-01-42	1,000,000	1,102,189
Charleston County Airport District			,,	, , , , , ,
Series A, AMT	5.250	07-01-43	1,215,000	1,334,801
Charleston County Airport District Series A, AMT	5.250	07-01-44	1 000 000	1 006 017
City of Columbia Waterworks & Sewer	5.250	07-01-44	1,000,000	1,096,017
System Revenue	5.000	02-01-34	35,000	40,422
City of Columbia Waterworks & Sewer				
System Revenue	5.000	02-01-35	250,000	287,837
City of Columbia Waterworks & Sewer System Revenue	5.000	02-01-36	300,000	344,165
City of Myrtle Beach	5.000	02 01 50	500,000	511,105
Water & Sewer Revenue, Series C	5.000	03-01-45	730,000	799,019
Corp. ForGreer	4.000	09-01-45	1,465,000	1,469,550
City Improvement Projects, Series A Corp. ForGreer	4.000	09-01-45	1,405,000	1,409,550
City Improvement Projects, Series A	4.125	09-01-49	595,000	599,738
Fort Mill Public Facilities Corp.				
Town of Fort Mill Project, Series A	4.000	08-01-42	750,000	770,104
Fort Mill Public Facilities Corp. Town of Fort Mill Project, Series A	4.000	08-01-43	350,000	354,741
Greenville-Spartanburg Airport District				55
Series A	5.250	07-01-54	1,150,000	1,264,407
Laurens County Public Facilities Authority	4 275		125 000	437 636
Laurens County Public Facilities Project	4.375	09-01-54	135,000	137,626

	Rate (%)	Maturity date	Par value^	Value
South Carolina (continued)				
Patriots Energy Group Financing Agency Series A-1	5.250	10-01-54	3,000,000	\$3,277,083
Richland County School District No. 1 Series C, GO	3.000	03-01-26	1,500,000	1,492,610
Scago Public Facilities Corp for Georgetown County Georgetown County Project	5.000	06-01-40	1,000,000	1,107,560
South Carolina Jobs-Economic Development Authority Beaufort Memorial Hospital & South of Broad Healthcare Project	5.250	11-15-39	800,000	854,858
South Carolina Jobs-Economic Development Authority Beaufort Memorial Hospital & South of Broad Healthcare Project	5.500	11-15-44	1,000,000	1,075,916
South Carolina Jobs-Economic Development Authority Episcopal Home at Still Hopes, Series A	5.000	04-01-33	125,000	127,222
South Carolina Jobs-Economic Development Authority Last Step Recycling Project, Series A, AMT (A)(F)	6.250	06-01-40	1,000,000	150,000
South Carolina Jobs-Economic Development Authority Last Step Recycling Project, Series A, AMT (A)(F)	6.500	06-01-51	4,000,000	600,000
South Carolina Jobs-Economic Development Authority Novant Health Obligated Group, Series A	4.500	11-01-54	3,150,000	3,202,744
South Carolina Jobs-Economic Development Authority Novant Health Obligated Group, Series A	5.250	11-01-41	2,500,000	2,831,706
South Carolina Jobs-Economic Development Authority Ocean Collegiate Academy Project, Series A (A)	5.000	06-15-34	1,350,000	1,440,365
South Carolina Jobs-Economic Development Authority Ocean Collegiate Academy Project, Series A (A)	5.000	06-15-44	2,500,000	2,568,864
South Carolina Public Service Authority Santee Cooper, Series B (C)	5.000	12-01-54	1,700,000	1,825,918
South Carolina Transportation Infrastructure Bank Series A	3.000	10-01-33	1,650,000	1,583,784
Town of Summerville Limited Obligation Tax Increment	5.000	10-01-31	265,000	300,579
Town of Summerville Limited Obligation Tax Increment	5.000	10-01-32	220,000	251,154
Town of Summerville Limited Obligation Tax Increment	5.000	10-01-33	570,000	649,241

Tennessee 2.9%	Rate (%)	Maturity date	Par value^	Value \$36,916,782
City of Lenoir Electric System Revenue	4.000	06-01-36	500,000	517,321
City of Lenoir Electric System Revenue	4.000	06-01-37	500,000	515,608
City of Lenoir Electric System Revenue	5.000	06-01-35	325,000	366,704
Cleveland Health & Educational Facilities Board Hamilton Health Care System, Inc. Project, Series A	4.250	08-15-54	2,700,000	2,713,047
Hamilton County & Chattanooga Sports Authority Stadium Project, Series A	5.750	12-01-50	800,000	931,446
Hamilton County & Chattanooga Sports Authority Stadium Project, Series A	6.000	12-01-55	2,000,000	2,364,991
Industrial Development Board of The City of Kingsport Domtar Project, AMT (A)	5.250	12-01-54	3,850,000	3,899,114
Johnson City Health & Educational Facilities Board Ballad Health, Series A	5.000	07-01-34	1,415,000	1,565,198
Metropolitan Government Nashville & Davidson County Health & Educational Facilities Board Belmont University	4.000	05-01-37	1,620,000	1,661,980
Metropolitan Government Nashville & Davidson County Health & Educational Facilities Board Belmont University	4.000	05-01-51	985,000	955,779
Metropolitan Government Nashville & Davidson County Health & Educational Facilities Board Vanderbilt University Medical Center, Series A	5.000	07-01-46	8,400,000	8,510,046
Metropolitan Government Nashville & Davidson County Sports Authority Stadium Project, Series A (C)	5.000	07-01-37	1,000,000	1,133,411
Metropolitan Government Nashville & Davidson County Sports Authority Stadium Project, Series A (C)	5.000	07-01-40	2,000,000	2,229,002
Metropolitan Government Nashville & Davidson County Sports Authority Stadium Project, Series A (C)	5.250	07-01-53	1,000,000	1,100,041
Metropolitan Government of Nashville & Davidson County Series C, GO	4.000	01-01-44	3,000,000	3,033,588
Metropolitan Nashville Airport Authority Series B, AMT	5.000	07-01-30	1,605,000	1,729,276
Metropolitan Nashville Airport Authority Series B, AMT	5.000	07-01-31	1,600,000	1,736,782

Tonnocco (continued)	Rate (%)	Maturity date	Par value^	Value
Tennessee (continued) Metropolitan Nashville Airport Authority Series B, AMT	5.250	07-01-32	850,000	\$945,352
Metropolitan Nashville Airport Authority Series B, AMT	5.250	07-01-33	900,000	1,008,096
Texas 9.2%				118,505,494
Arlington Higher Education Finance Corp. Kipp Texas, Inc.	4.000	08-15-37	120,000	122,636
Arlington Higher Education Finance Corp. Leadership Prep School	4.125	06-15-54	450,000	448,784
Arlington Higher Education Finance Corp. Leadership Prep School	4.250	06-15-59	1,000,000	1,012,600
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-28	150,000	162,010
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-29	130,000	140,904
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-30	100,000	109,768
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-31	120,000	133,015
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-32	120,000	133,066
Arlington Higher Education Finance Corp. Trinity Basin Preparatory, Inc.	5.000	08-15-48	1,000,000	1,076,839
Bexar County Hospital District CTFS Obligated, GO	5.000	02-15-48	1,000,000	1,079,344
Brazoria County Industrial Development Corp. Aleon Renewable Metals LLC, AMT (A)	12.000	06-01-43	1,900,000	1,905,432
Cedar Port Navigation & Improvement District	4.000	00.01.45	225.000	217 427
District No. 1, GO Central Texas Regional Mobility Authority Series A	4.000	09-01-45	325,000	317,437
Central Texas Turnpike System Second Tier, Series C	5.000	08-15-38	500,000	505,494
City of Austin Water & Wastewater System Revenue, Series A	3.200	05-15-28	120,000	119,463
City of Beaumont Series 2 (C)	4.000	09-01-47	500,000	491,424
City of Denton, GO	4.000	02-15-49	895,000	883,834
City of Denton, GO	5.000	02-15-43	1,425,000	1,442,712
City of Georgetown Utility System Revenue (C)	5.250	08-15-53	1,525,000	1,660,505
City of Houston Airport System Revenue Series A, AMT	4.000	07-01-47	1,070,000	1,041,499
City of Houston Airport System Revenue United Airlines, Inc. Terminal Project, Series B, AMT (D)	5.250	07-15-34	5,000,000	5,351,472

	Rate (%)	Maturity date	Par value^	Value
Texas (continued)				
City of Houston Airport System Revenue United Airlines, Inc. Terminal Project,	5 500	07 15 20	1 000 000	¢1.001.500
Series B, AMT (D)	5.500	07-15-38	1,000,000	\$1,081,528
City of Houston Airport System Revenue United Airlines, Inc. Terminal Project, Series C, AMT	5.000	07-15-28	4,400,000	4,538,922
City of Hutto, GO (C)	4.125	08-01-49	1,000,000	993,122
City of Hutto, GO (C)	4.125	08-01-54	1,475,000	1,482,270
City of Pearland	4.200	00 01 34	1,475,000	1,402,270
Series C, GO	5.000	09-01-44	850,000	944,660
City of San Antonio Electric and Gas Revenue, Series B	5.000	02-01-54	1,000,000	1,084,467
City of Temple CTFS Obligated, Series B, GO	4.000	08-01-47	2,770,000	2,731,256
Clifton Higher Education Finance Corp. Idea Public Shools, Series T	4.000	08-15-42	780,000	787,001
Clifton Higher Education Finance Corp. International Leadership of Texas	4.000	08-15-42	1,000,000	1,008,976
Clifton Higher Education Finance Corp. International Leadership of Texas, Series A	5.000	08-15-38	900,000	1,002,898
Clifton Higher Education Finance Corp. International Leadership of Texas, Series A	5.000	08-15-39	1,000,000	1,109,926
Comal County Water Control & Improvement District No. 6 Series A, GO (C)	4.375	03-01-32	1,480,000	1,524,411
Comal Independent School District, GO	3.000	02-15-40	1,000,000	931,136
County of Fort Bend, GO	5.250	03-01-53	900,000	985,338
County of Harris Toll Road Revenue Series A	4.000	08-15-49	2,900,000	2,884,183
Decatur Hospital Authority Wise Health System, Series B	5.000	09-01-25	300,000	303,776
Decatur Hospital Authority Wise Health System, Series B	5.000	09-01-26	100,000	103,255
Fort Bend County Municipal Utility District No. 182, GO (C)	5.250	09-01-27	950,000	1,005,362
Fort Bend County Municipal Utility District No. 182, GO (C)	5.250	09-01-28	1,090,000	1,173,468
Fort Bend County Municipal Utility District No. 50, GO (C)	4.125	09-01-52	470,000	464,527
Fort Bend Independent School District Series A, GO	4.000	08-15-49	1,175,000	1,178,862
Frisco Independent School District, GO	4.000	02-15-54	615,000	608,309
Gulf Coast Authority Series B	5.000	10-01-32	450,000	512,074
Gulf Coast Authority Series B	5.000	10-01-33	520,000	596,069
Gulf Coast Industrial Development Authority CITGO Petroleum Corp. Project, AMT	8.000	04-01-28	2,030,000	2,032,721

	Rate (%)	Maturity date	Par value^	Value
Texas (continued)				
Harris County Cultural Education Facilities Finance Corp.				
Memorial Hermann Health System,				
Series A	5.000	12-01-26	430,000	\$430,000
Harris County Municipal Utility District No. 171				
Series A, GO (C)	3.000	12-01-32	1,700,000	1,614,195
Harris County Municipal Utility District No. 171				
Series A, GO (C)	3.000	12-01-34	1,950,000	1,806,973
Harris County Municipal Utility District No.				
171 Series A, GO (C)	3.000	12-01-36	1,945,000	1,758,730
Harris County Municipal Utility District No.	5.000	12 01 50	1,515,000	1,730,730
171	2 000	12 01 20	1 0 40 000	1 71 4 70 4
Series A, GO (C)	3.000	12-01-38	1,940,000	1,714,704
Harris County Municipal Utility District No. 202, GO (C)	3.000	02-15-35	1,000,000	934,109
Harris County Municipal Utility District No.				
202, GO (C)	3.000	02-15-37	1,115,000	1,017,707
Harris County Municipal Utility District No. 489				
Series A, GO (C)	3.000	09-01-35	1,375,000	1,301,592
Harris County Municipal Utility District No. 489, GO (C)	3.000	09-01-33	1,130,000	1,085,993
Harris County Municipal Utility District No. 489, GO (C)	3.000	09-01-33	1,490,000	1,430,886
Harris County Municipal Utility District No. 489, GO (C)	3.000	09-01-35	1,130,000	1,069,672
Harris County Municipal Utility District No. 489, GO (C)	4.000	09-01-30	600,000	620,152
Harris County Municipal Utility District No. 489, GO (C)	4.125	09-01-31	740,000	765,807
Harris County Municipal Utility District No.	4.050		72.0.000	756.005
489, GO (C) Harris County Municipal Utility District No.	4.250	09-01-32	730,000	756,395
503, GO (C)	3.250	09-01-34	310,000	294,705
Highway 380 Municipal Management District No. 1, GO (C)	3.000	05-01-37	1,105,000	1,001,041
Lake Houston Redevelopment Authority	5.000	05 01 57	1,105,000	1,001,041
Tax Increment Contract Revenue	4.000	09-01-33	195,000	189,517
Lower Colorado River Authority LCRA Transmission Services Corp.	5.000	05-15-44	1,000,000	1,030,094
Matagorda County Navigation District No. 1 AEP Texas Central Company Project, Series B-2	4.000	06-01-30	1,125,000	1,125,161
New Hope Cultural Education Facilities	1.000	00 01 50	1,125,000	1,123,101
Finance Corp.	4 000	11 01 20	1 005 000	1 006 433
Westminster Manor Project Newark Higher Education Finance Corp.	4.000	11-01-36	1,905,000	1,906,422
Village Tech Schools, Series A	4.375	08-15-29	2,115,000	2,111,360

	Rate (%)	Maturity date	Par value^	Value
Texas (continued)				
Northlake Municipal Management District No. 2, GO (C)	5.000	03-01-32	335,000	\$354,644
Northlake Municipal Management District No. 2, GO (C)	5.000	03-01-33	350,000	369,846
Northlake Municipal Management District No. 2, GO (C)	5.000	03-01-35	750,000	793,180
Northlake Municipal Management District No. 2, GO (C)	6.625	03-01-27	25,000	26,665
Northlake Municipal Management District No. 2, GO (C)	6.625	03-01-28	230,000	252,048
Northwest Harris County Municipal Utility District No. 5, GO (C)	4.000	05-01-32	1,060,000	1,088,803
Northwest Harris County Municipal Utility District No. 5, GO (C)	4.000	05-01-33	760,000	778,452
Northwest Harris County Municipal Utility District No. 5, GO (C)	4.000	05-01-34	1,060,000	1,080,177
Port of Beaumont Navigation District Jefferson Gulf Coast Energy Project, Series A, AMT (A)	2.875	01-01-41	2,200,000	1,779,379
Port of Beaumont Navigation District Jefferson Gulf Coast Energy Project, Series A, AMT (A)	3.625	01-01-35	2,200,000	2,050,371
Port of Beaumont Navigation District Jefferson Gulf Coast Energy Project, Series A, AMT (A)	5.000	01-01-39	750,000	779,431
Port of Beaumont Navigation District Jefferson Gulf Coast Energy Project, Series B (A)	10.000	07-01-26	2,000,000	2,043,950
Port of Houston Authority Series A, AMT, GO	5.000	10-01-32	1,750,000	1,856,081
Prosper Independent School District, GO	4.000	02-15-52	25,000	24,986
Spring Independent School District School Building, GO	5.000	08-15-42	45,000	45,970
Sunfield Municipal Utility District No. 4, GO (C)	4.000	09-01-34	1,460,000	1,474,019
Sunfield Municipal Utility District No. 4, GO (C)	4.000	09-01-48	700,000	674,635
Tarrant County Cultural Education Facilities Finance Corp. Baylor Scott & White Health Project, Series F	5.000	11-15-52	1,000,000	1,091,758
Tarrant County Housing Finance Corp. The Meridian Apartments, Series A	4.600	03-01-43	3,000,000	3,044,337
Tarrant Regional Water District Water Supply System Revenue	4.000	03-01-54	1,195,000	1,149,087
Texas Department of Housing & Community Affairs Series A	3.625	09-01-44	1,000,000	941,396
Texas Municipal Gas Acquisition & Supply Corp. IV Series B	5.500	01-01-54	10,000,000	11,256,661

	Rate (%)	Maturity date	Par value^	Value
Texas (continued)				
Texas Municipal Gas Acquisition & Supply Corp. V	5.000	01-01-55	2,500,000	\$2,713,724
Texas Private Activity Bond Surface Transportation Corp. North Tarrant Express Project, AMT	5.500	12-31-58	1,500,000	1,632,921
Texas Tech University System Series A	5.000	02-15-34	5,000	5,745
Texas Water Development Board Series A	4.875	10-15-48	5,000,000	5,383,125
Texas Water Development Board Water Implementation Reserve Fund	4.750	10-15-42	500,000	536,348
Viridian Municipal Management District Texas Utility Improvement, GO (C)	4.000	12-01-30	965,000	984,572
Utah 0.7%				9,332,394
City of Salt Lake City Airport Revenue Series A, AMT	5.000	07-01-36	2,000,000	2,139,102
Intermountain Power Agency Series A	5.000	07-01-41	1,000,000	1,112,015
University of Utah Series B	5.250	08-01-48	1,015,000	1,134,923
Utah Infrastructure Agency Pleasant Grove City Project	4.000	10-15-44	1,000,000	990,473
Utah Infrastructure Agency Telecommunication Revenue	4.000	10-15-27	1,120,000	1,128,697
Utah Infrastructure Agency Telecommunication Revenue	4.000	10-15-30	400,000	404,518
Utah Infrastructure Agency Telecommunication Revenue	4.000	10-15-33	1,185,000	1,185,516
Utah Infrastructure Agency Telecommunication Revenue	4.000	10-15-35	250,000	248,387
Utah Telecommunication Open Infrastructure Agency Sales Tax and Telecommunications Revenue	5.000	06-01-28	100,000	106,877
Utah Telecommunication Open Infrastructure Agency Sales Tax and Telecommunications Revenue	5.000	06-01-29	100,000	108,641
Utah Telecommunication Open Infrastructure Agency Sales Tax and Telecommunications	5.000	00-01-29	100,000	108,041
Revenue	5.000	06-01-30	100,000	110,284
Utah Telecommunication Open Infrastructure Agency Sales Tax and Telecommunications				
Revenue Utah Telecommunication Open Infrastructure	5.000	06-01-31	100,000	111,739
Agency Sales Tax and Telecommunications Revenue	5.000	06-01-32	30,000	33,905
	5.000	55 01 52	55,000	55,505

Utah (continued)	Rate (%)	Maturity date	Par value^	Value
Wood Ranch Public Infrastructure District Assessment Area No. 1 (A)	5.625	12-01-53	500,000	\$517,317
Vermont 0.4%				4,639,129
City of Burlington Airport Revenue, Series A	5.000	07-01-27	475,000	492,021
City of Burlington Airport Revenue, Series A	5.000	07-01-28	540,000	566,658
Vermont Educational & Health Buildings Financing Agency Middlebury College Project	4.000	11-01-50	2,515,000	2,529,109
Vermont Educational & Health Buildings Financing Agency Middlebury College Project	5.000	11-01-52	970,000	1,051,341
Virgin Islands 0.7%				8,536,727
Matching Fund Special Purpose Securitization Corp. Series A	5.000	10-01-28	1,460,000	1,521,704
Matching Fund Special Purpose Securitization Corp. Series A	5.000	10-01-30	4,650,000	4,933,790
Matching Fund Special Purpose Securitization Corp. Series A	5.000	10-01-39	2,000,000	2,081,233
Virginia 2.6%			_,	34,023,698
Alexandria Industrial Development Authority Goodwin House, Inc.	5.000	10-01-50	1,700,000	1,726,895
Arlington County Industrial Development Authority VHC Health, Series A	5.000	07-01-53	1,000,000	1,082,011
Arlington County Industrial Development Authority Virginia Hospital Center	4.000	07-01-38	1,000,000	1,012,608
Chesapeake Economic Development Authority Virginia Electric & Power Company Project,				
Series A City of Norfolk Water Revenue	3.650	02-01-32	1,075,000	1,092,373
Series 2025 (D) City of Norfolk Water Revenue Series 2025 (D)	5.000	11-01-34	1,600,000	1,834,142
City of Norfolk Water Revenue Series 2025 (D)	5.000	11-01-36	1,395,000	1,587,081
City of Norfolk Water Revenue Series 2025 (D)	5.000	11-01-37	1,250,000	1,417,314
City of Norfolk Water Revenue Series 2025 (D)	5.000	11-01-38	1,000,000	1,131,323
City of Richmond Public Utility Revenue Series A	4.000	01-15-38	1,775,000	1,822,888

	Rate (%)	Maturity date	Par value^	Value
Virginia (continued)				
County of Fairfax Series A, GO	4.000	10-01-33	1,525,000	\$1,556,566
Louisa Industrial Development Authority Virginia Electric & Power Company Project, Series A	3.650	11-01-35	1,000,000	1,016,161
Newport News Economic Development Authority LifeSpire of Virginia Obligated Group	5.000	12-01-31	2,000,000	2,024,269
Virginia Beach Development Authority Westminster-Canterbury on Chesapeake Bay, Series B-1	6.250	09-01-30	3,600,000	3,720,411
Virginia College Building Authority Higher Education Financing, Series C	3.000	09-01-34	20,000	19,532
Virginia College Building Authority Regent University Project	4.000	06-01-46	3,500,000	3,169,545
Virginia Commonwealth Transportation Board Capital Projects	4.000	05-15-37	650,000	680,972
Virginia Small Business Financing Authority 95 Express Lanes LLC Project, AMT	4.000	01-01-39	140,000	138,484
Virginia Small Business Financing Authority 95 Express Lanes LLC Project, AMT	4.000	01-01-40	840,000	821,849
Virginia Small Business Financing Authority Elizabeth River Crossings OpCo LLC Project, AMT	4.000	01-01-36	3,000,000	3,008,554
Virginia Small Business Financing Authority Elizabeth River Crossings OpCo LLC Project, AMT	4.000	01-01-40	45,000	43,978
Virginia Small Business Financing Authority Lifespire Virginia	4.000	12-01-41	1,000,000	960,117
Williamsburg Economic Development Authority William & Mary Project, Series A (C)	4.375	07-01-63	1,000,000	1,011,758
York County Economic Development Authority Virginia Electric & Power Company Project,				
Series A	3.650	05-01-33	960,000	975,515
Washington 2.4%				31,250,953
City of Seattle Municipal Light & Power Revenue, Series A	4.000	07-01-38	705,000	724,252
City of Tacoma Series B, GO	3.000	12-01-34	2,275,000	2,187,551
Clark County Public Utility District No. 1 Electric Revenue	5.000	01-01-40	750,000	842,134
Clark County Public Utility District No. 1 Electric Revenue	5.000	01-01-41	550,000	614,814
County of King Sewer Revenue	5.000	07-01-49	1,950,000	2,008,991
King County Public Hospital District No. 2, GO	5.250	12-01-45	1,000,000	1,099,957

Washington (continued)	Rate (%)	Maturity date	Par value^	Value
Klickitat County Public Utility District No. 1 Electric Revenue Refunding (C)(D)	5.000	12-01-32	200,000	\$223,103
Klickitat County Public Utility District No. 1 Electric Revenue Refunding (C)(D)	5.000	12-01-34	1,245,000	1,406,411
Port of Seattle Series B, AMT	5.000	08-01-41	1,570,000	1,675,316
Port of Seattle Series B, AMT	5.250	07-01-39	9,585,000	10,650,777
Port of Seattle Series C, AMT	5.000	08-01-25	1,535,000	1,549,241
Skagit County Public Hospital District No. 1 Skagit Regional Health	5.500	12-01-38	300,000	332,270
Skagit County Public Hospital District No. 1 Skagit Regional Health	5.500	12-01-39	330,000	364,157
Skagit County Public Hospital District No. 1 Skagit Regional Health	5.500	12-01-40	485,000	532,729
Skagit County Public Hospital District No. 1 Skagit Regional Health	5.500	12-01-41	150,000	164,050
Skagit County Public Hospital District No. 1 Skagit Regional Health	5.500	12-01-42	200,000	217,916
Snohomish County Housing Authority Carvel Apartments Project	4.000	04-01-44	1,250,000	1,224,547
Three Rivers Regional Wastewater Authority (C)	4.000	09-01-43	900,000	904,974
Washington State Housing Finance Commission Municipal Certificates, Series A-1	3.500	12-20-35	947,325	888,993
Washington State Housing Finance Commission Parkshore Juanita Bay Project, Series B-1 (A)	4.500	07-01-30	2,535,000	2,536,803
Washington State Housing Finance Commission Seattle Academy of Arts and Sciences Project (A)	6.125	07-01-53	1,000,000	1 101 067
West Virginia 0.7%	0.125	07-01-55	1,000,000	1,101,967 9,013,413
County of Ohio The Highlands Project	5.000	06-01-33	400,000	424,681
County of Ohio The Highlands Project	5.250	06-01-44	750,000	788,621
West Virginia Economic Development Authority Appalachian Power - Amos Project, Series A, AMT	1.000	01-01-41	750,000	729,173
West Virginia Hospital Finance Authority Vandalia Health Group, Series B (C)	5.000	09-01-40	1,125,000	1,222,283
West Virginia Hospital Finance Authority Vandalia Health Group, Series B (C)	5.375	09-01-53	2,925,000	3,201,023

West Virginia (continued)	Rate (%)	Maturity date	Par value^	Value
West Virginia Hospital Finance Authority West Virginia University Health System Obligated Group, Series A	5.000	06-01-41	945,000	\$1,030,474
West Virginia Parkways Authority Turnpike Toll Revenue	4.000	06-01-47	1,635,000	1,617,158
Wisconsin 2.5%				32,508,293
County of Milwaukee Series B, GO	0.050	08-01-38	735,000	423,443
County of Milwaukee Series B, GO	0.050	08-01-39	735,000	403,453
County of Milwaukee Airport Revenue Series A, AMT	5.000	12-01-35	445,000	487,996
County of Milwaukee Airport Revenue Series A, AMT	5.000	12-01-37	445,000	484,035
County of Milwaukee Airport Revenue Series A, AMT	5.000	12-01-38	200,000	217,040
Milwaukee Metropolitan Sewerage District Series A, GO	3.000	10-01-34	2,590,000	2,508,443
Milwaukee Metropolitan Sewerage District Series A, GO	3.000	10-01-35	445,000	425,266
Public Finance Authority A Challenge Foundation Academy (A)	6.875	07-01-53	50,000	52,455
Public Finance Authority CHF Manoa LLC, Series A (A)	5.250	07-01-38	1,000,000	1,091,431
Public Finance Authority CHF Manoa LLC, Series A (A)	5.500	07-01-43	1,000,000	1,086,729
Public Finance Authority Duke Energy Progress Project	3.300	10-01-46	2,530,000	2,529,326
Public Finance Authority Lenoir-Rhyne University	5.000	04-01-32	1,335,000	1,401,209
Public Finance Authority Mary's Woods at Marylhurst Project, Series A (A)	5.000	05-15-29	2,000,000	2,030,356
Public Finance Authority Mary's Woods at Marylhurst Project, Series A (A)	5.250	05-15-42	2,610,000	2,632,361
Public Finance Authority Viticus Group Project, Series A (A)	4.000	12-01-41	500,000	433,539
Public Finance Authority WakeMed Hospital, Series A	5.000	10-01-44	1,000,000	1,042,647
Public Finance Authority Waste Management, Inc. Project, Series A2, AMT	2.875	05-01-27	3,000,000	2,955,925
State of Wisconsin Series 1, GO (D)	5.000	05-01-33	1,900,000	2,178,595
State of Wisconsin Series 1, GO (D)	5.000	05-01-34	1,625,000	1,883,099
State of Wisconsin Series 1, GO (D)	5.000	05-01-35	1,000,000	1,168,923

	Rate (%)	Maturity date	Par value^	Value
Wisconsin (continued)				
Wisconsin Health & Educational Facilities Authority				
Bellin Memorial Hospital, Inc., Series A	5.000	12-01-37	800,000	\$882,351
Wisconsin Health & Educational Facilities				
Authority Cedar Crest, Inc., Series A	5.000	04-01-42	1,100,000	1,080,661
Wisconsin Health & Educational Facilities			.,,	.,,
Authority		10.01.51		
Hope Christian Schools	4.000	12-01-51	250,000	187,170
Wisconsin Health & Educational Facilities Authority				
Hope Christian Schools	4.000	12-01-56	450,000	326,318
Wisconsin Health & Educational Facilities				
Authority Rogers Memorial Hospital, Inc., Series A	5.000	07-01-49	15,000	15,208
Wisconsin Health & Educational Facilities	5.000	07 01 45	15,000	15,200
Authority				
St. John's Communities, Inc.	4.000	09-15-41	1,000,000	942,153
Wisconsin Health & Educational Facilities Authority				
Three Pillars Senior Living Communities,				
Series A	4.000	08-15-30	1,200,000	1,186,754
Wisconsin Health & Educational Facilities				
Authority Three Pillars Senior Living Communities,				
Series B-1	4.400	08-15-29	1,450,000	1,450,099
Wisconsin Health & Educational Facilities				
Authority Three Pillars Senior Living Communities,				
Series B-2	4.200	08-15-28	1,000,000	1,001,308
Wyoming 0.4%				4,905,567
County of Campbell				4,505,507
Basin Electric Power Cooperative	3.625	07-15-39	5,220,000	4,905,567
Corporate bonds 0.0%				\$723,703
(Cost \$1,000,000)				
Industrials 0.0%				723,703
Construction and engineering 0.0%				
LBJ Infrastructure Group LLC (A)	3.797	12-31-57	1,000,000	723,703
			Shares	Value
Closed-end funds 0.3%				\$3,403,250
(Cost \$3,219,144)				
BlackRock Municipal Income Trust			75,000	783,750
BlackRock MuniYield Fund, Inc.			125,000	1,430,000
PIMCO Municipal Income Fund III			150,000	1,189,500

	Yield (%)	Shares	Value
Short-term investments 0.2%			\$2,520,090
(Cost \$2,520,088)			
Short-term funds 0.2%			
John Hancock Collateral Trust (G)	4.4849(H)	251,941	2,520,090
Total investments (Cost \$1,289,976,878) 101.9%			\$1,318,639,758
Other assets and liabilities, net (1.9%)			(24,523,392)
Total net assets 100.0%			\$1,294,116,366

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund.

^All par values are denominated in U.S. dollars unless otherwise indicated.

Security Abbreviations and Legend

- AMT Interest earned from these securities may be considered a tax preference item for purpose of the Federal Alternative Minimum Tax.
- GO General Obligation
- SOFR Secured Overnight Financing Rate
- (A) This security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (B) Variable rate obligation. The coupon rate shown represents the rate at period end.
- (C) Bond is insured by one or more of the companies listed in the insurance coverage table below.
- (D) Security purchased or sold on a when-issued or delayed-delivery basis.
- (E) Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end.
- (F) Non-income producing Issuer is in default.
- (G) Investment is an affiliate of the fund, the advisor and/or subadvisor.
- (H) The rate shown is the annualized seven-day yield as of 11-30-24.

At 11-30-24, the aggregate cost of investments for federal income tax purposes was \$1,288,565,372. Net unrealized appreciation aggregated to \$30,074,386, of which \$37,254,602 related to gross unrealized appreciation and \$7,180,216 related to gross unrealized depreciation.

Insurance Coverage	As a % of total investments
Build America Mutual Assurance Company	5.1
Assured Guaranty Municipal Corp.	4.5
Assured Guaranty Corp.	1.5
National Public Finance Guarantee Corp.	0.2
California Mortgage Insurance	0.1
TOTAL	11.4

The fund had the following portfolio composition as a percentage of total investments on 11-30-24:

General obligation bonds	16.2%
Revenue bonds	83.3%
Other revenue	20.2%
Health care	19.0%
Education	9.6%
Airport	8.6%
Development	7.6%

Utilities	5.0%
Water and sewer	4.4%
Transportation	3.9%
Housing	2.3%
Pollution	1.5%
Tobacco	0.8%
Facilities	0.4%
Closed-end funds	0.3%
Short-term investments	0.2%
TOTAL	100.0%

Financial statements

STATEMENT OF ASSETS AND LIABILITIES 11-30-24 (unaudited)

Assets	
Unaffiliated investments, at value (Cost \$1,287,456,790)	\$1,316,119,668
Affiliated investments, at value (Cost \$2,520,088)	2,520,090
Total investments, at value (Cost \$1,289,976,878)	1,318,639,758
Dividends and interest receivable	17,106,298
Receivable for fund shares sold	868,592
Receivable from affiliates	1,649
Other assets	140,449
Total assets	1,336,756,746
Liabilities	
Distributions payable	95,047
Payable for investments purchased	6,358,162
Payable for delayed-delivery securities purchased	34,958,492
Payable for fund shares repurchased	1,000,338
Payable to affiliates	
Accounting and legal services fees	40,700
Transfer agent fees	94,488
Distribution and service fees	6,365
Trustees' fees	1,230
Other liabilities and accrued expenses	85,558
Total liabilities	42,640,380
Net assets	\$1,294,116,366
Net assets consist of	
Paid-in capital	\$1,284,614,675
Total distributable earnings (loss)	9,501,691
Net assets	\$1,294,116,366
Net asset value per share	
Based on net asset value and shares outstanding - the fund has an unlimited number of	

shares authorized with no par value	
Class A (\$579,197,900 ÷ 63,310,861 shares) ¹	\$9.15
Class C (\$7,748,012 ÷ 847,023 shares) ¹	\$9.15
Class I (\$528,396,053 ÷ 57,665,917 shares)	\$9.16
Class R6 (\$178,774,401 ÷ 19,505,368 shares)	\$9.17
Maximum offering price per share	
Class A (net asset value per share \div 96%) ²	\$9.53

¹ Redemption price per share is equal to net asset value less any applicable contingent deferred sales charge.

² On single retail sales of less than \$100,000. On sales of \$100,000 or more and on group sales the offering price is reduced.

STATEMENT OF OPERATIONS For the six months ended 11-30-24 (unaudited)

Investment income	
Interest	\$26,857,604
Dividends from affiliated investments	153,861
Dividends	92,075
Total investment income	27,103,540
Expenses	
Investment management fees	2,864,128
Distribution and service fees	731,858
Accounting and legal services fees	115,257
Transfer agent fees	220,327
Trustees' fees	12,729
Custodian fees	69,723
State registration fees	58,784
Printing and postage	21,355
Professional fees	46,443
Other	33,423
Total expenses	4,174,027
Less expense reductions	(356,690)
Net expenses	3,817,337
Net investment income	23,286,203
Realized and unrealized gain (loss)	
Net realized gain (loss) on	
Unaffiliated investments	889,381
Affiliated investments	2,303
	891,684
Change in net unrealized appreciation (depreciation) of	
Unaffiliated investments	30,439,046
Affiliated investments	2
	30,439,048
Net realized and unrealized gain	31,330,732
Increase in net assets from operations	\$54,616,935

STATEMENTS OF CHANGES IN NET ASSETS

	Six months ended 11-30-24 (unaudited)	Year ended 5-31-24
Increase (decrease) in net assets		
From operations		
Net investment income	\$23,286,203	\$36,046,554
Net realized gain (loss)	891,684	(13,985,438)
Change in net unrealized appreciation (depreciation)	30,439,048	12,820,832
Increase in net assets resulting from operations	54,616,935	34,881,948
Distributions to shareholders		
From earnings		
Class A	(9,371,587)	(16,373,521)
Class C	(100,776)	(210,608)
Class I	(8,533,026)	(13,552,031)
Class R6	(2,981,588)	(4,794,549)
Total distributions	(20,986,977)	(34,930,709)
From fund share transactions	127,121,853	219,709,297
Total increase	160,751,811	219,660,536
Net assets		
Beginning of period	1,133,364,555	913,704,019
End of period	\$1,294,116,366	\$1,133,364,555

Financial highlights

CLASS A SHARES Period ended	11-30-24 ¹	5-31-24	5-31-23	5-31-22	5-31-21	5-31-20
Per share operating performance						
Net asset value, beginning of period	\$8.89	\$8.87	\$9.19	\$10.14	\$9.55	\$9.83
Net investment income ²	0.17	0.31	0.28	0.25	0.27	0.29
Net realized and unrealized gain (loss) on investments	0.24	0.01	(0.32)	(0.93)	0.60	(0.28)
Total from investment operations	0.41	0.32	(0.04)	(0.68)	0.87	0.01
Less distributions						
From net investment income	(0.15)	(0.30)	(0.28)	(0.27)	(0.28)	(0.29)
Net asset value, end of period	\$9.15	\$8.89	\$8.87	\$9.19	\$10.14	\$9.55
Total return (%) ^{3,4}	4.68 ⁵	3.64	(0.44)	(6.94)	9.34	0.09
Ratios and supplemental data						
Net assets, end of period (in millions)	\$579	\$528	\$454	\$399	\$450	\$417
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.82 ⁶	0.82	0.88	0.91	0.93	0.93
Expenses including reductions	0.71 ⁶	0.71	0.74	0.80	0.82	0.82
Net investment income	3.76 ⁶	3.45	3.14	2.55	2.75	2.97
Portfolio turnover (%)	17	50	38	32	20	54

¹ Six months ended 11-30-24. Unaudited.

² Based on average daily shares outstanding.

³ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁴ Does not reflect the effect of sales charges, if any.

⁵ Not annualized.

⁶ Annualized.

CLASS C SHARES Period ended	11-30-24 ¹	5-31-24	5-31-23	5-31-22	5-31-21	5-31-20
Per share operating performance						
Net asset value, beginning of period	\$8.89	\$8.87	\$9.19	\$10.14	\$9.55	\$9.83
Net investment income ²	0.14	0.24	0.21	0.18	0.20	0.22
Net realized and unrealized gain (loss) on investments	0.24	0.01	(0.32)	(0.93)	0.60	(0.28)
Total from investment operations	0.38	0.25	(0.11)	(0.75)	0.80	(0.06)
Less distributions						
From net investment income	(0.12)	(0.23)	(0.21)	(0.20)	(0.21)	(0.22)
Net asset value, end of period	\$9.15	\$8.89	\$8.87	\$9.19	\$10.14	\$9.55
Total return (%) ^{3,4}	4.29 ⁵	2.86	(1.18)	(7.55)	8.42	(0.65)
Ratios and supplemental data						
Net assets, end of period (in millions)	\$8	\$8	\$9	\$12	\$15	\$27
Ratios (as a percentage of average net assets):						
Expenses before reductions	1.57 ⁶	1.57	1.63	1.66	1.68	1.68
Expenses including reductions	1.46 ⁶	1.46	1.49	1.55	1.57	1.57
Net investment income	3.01 ⁶	2.70	2.37	1.80	2.02	2.23
Portfolio turnover (%)	17	50	38	32	20	54

¹ Six months ended 11-30-24. Unaudited.

² Based on average daily shares outstanding.
 ³ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁴ Does not reflect the effect of sales charges, if any.

⁵ Not annualized.

⁶ Annualized.

CLASS I SHARES Period ended	11-30-24 ¹	5-31-24	5-31-23	5-31-22	5-31-21	5-31-20
Per share operating performance						
Net asset value, beginning of period	\$8.90	\$8.88	\$9.21	\$10.16	\$9.57	\$9.84
Net investment income ²	0.18	0.32	0.30	0.26	0.29	0.31
Net realized and unrealized gain (loss) on investments	0.24	0.01	(0.34)	(0.93)	0.60	(0.27)
Total from investment operations	0.42	0.33	(0.04)	(0.67)	0.89	0.04
Less distributions						
From net investment income	(0.16)	(0.31)	(0.29)	(0.28)	(0.30)	(0.31)
Net asset value, end of period	\$9.16	\$8.90	\$8.88	\$9.21	\$10.16	\$9.57
Total return (%) ³	4.75 ⁴	3.79	(0.39)	(6.69)	9.38	0.35
Ratios and supplemental data						
Net assets, end of period (in millions)	\$528	\$442	\$333	\$87	\$18	\$15
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.57 ⁵	0.57	0.63	0.66	0.68	0.68
Expenses including reductions	0.56 ⁵	0.56	0.59	0.65	0.67	0.67
Net investment income	3.91 ⁵	3.60	3.32	2.72	2.90	3.13
Portfolio turnover (%)	17	50	38	32	20	54

¹ Six months ended 11-30-24. Unaudited.

² Based on average daily shares outstanding.

³ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁴ Not annualized.

⁵ Annualized.

CLASS R6 SHARES Period ended	11-30-24 ¹	5-31-24	5-31-23	5-31-22	5-31-21	5-31-20
Per share operating performance						
Net asset value, beginning of period	\$8.91	\$8.88	\$9.21	\$10.16	\$9.57	\$9.85
Net investment income ²	0.18	0.32	0.30	0.27	0.29	0.31
Net realized and unrealized gain (loss) on investments	0.24	0.02	(0.34)	(0.93)	0.60	(0.28)
Total from investment operations	0.42	0.34	(0.04)	(0.66)	0.89	0.03
Less distributions						
From net investment income	(0.16)	(0.31)	(0.29)	(0.29)	(0.30)	(0.31)
Net asset value, end of period	\$9.17	\$8.91	\$8.88	\$9.21	\$10.16	\$9.57
Total return (%) ³	4.77 ⁴	3.92	(0.37)	(6.66)	9.42	0.28
Ratios and supplemental data						
Net assets, end of period (in millions)	\$179	\$156	\$118	\$37	\$12	\$9
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.54 ⁵	0.56	0.61	0.63	0.65	0.65
Expenses including reductions	0.52 ⁵	0.55	0.58	0.62	0.64	0.64
Net investment income	3.94 ⁵	3.61	3.33	2.73	2.92	3.14
Portfolio turnover (%)	17	50	38	32	20	54

¹ Six months ended 11-30-24. Unaudited.

² Based on average daily shares outstanding.

³ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁴ Not annualized.

⁵ Annualized.

Notes to financial statements (unaudited)

Note 1 — Organization

John Hancock Municipal Opportunities Fund (the fund) is a series of John Hancock Municipal Securities Trust (the Trust), an open-end management investment company organized as a Massachusetts business trust and registered under the Investment Company Act of 1940, as amended (the 1940 Act). The investment objective of the fund is to seek as high a level of interest income exempt from federal income tax as is consistent with preservation of capital.

The fund may offer multiple classes of shares. The shares currently outstanding are detailed in the Statement of assets and liabilities. Class A and Class C shares are offered to all investors. Class I shares are offered to institutions and certain investors. Class R6 shares are only available to certain retirement plans, institutions and other investors. Class C shares convert to Class A shares eight years after purchase (certain exclusions may apply). Shareholders of each class have exclusive voting rights to matters that affect that class. The distribution and service fees, if any, and transfer agent fees for each class may differ.

Note 2 — Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which require management to make certain estimates and assumptions as of the date of the financial statements. Actual results could differ from those estimates and those differences could be significant. The fund qualifies as an investment company under Topic 946 of Accounting Standards Codification of US GAAP.

Events or transactions occurring after the end of the fiscal period through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the fund:

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the Valuation Policies and Procedures of the Advisor, John Hancock Investment Management LLC, the fund's valuation designee.

In order to value the securities, the fund uses the following valuation techniques: Debt obligations are typically valued based on evaluated prices provided by an independent pricing vendor. Independent pricing vendors utilize matrix pricing, which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Investments by the fund in open-end mutual funds, including John Hancock Collateral Trust (JHCT), are valued at their respective NAVs each business day.

In certain instances, the Pricing Committee of the Advisor may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the Pricing Committee following procedures established by the Advisor and adopted by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed.

The fund uses a three tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities, including registered investment companies. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the Advisor's assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund's investments as of November 30, 2024, by major security category or type:

	Total value at 11-30-24	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Investments in securities:				
Assets				
Municipal bonds	\$1,311,992,715	—	\$1,311,992,715	_
Corporate bonds	723,703	_	723,703	_
Closed-end funds	3,403,250	\$3,403,250	_	_
Short-term investments	2,520,090	2,520,090		_
Total investments in securities	\$1,318,639,758	\$5,923,340	\$1,312,716,418	_

When-issued/delayed-delivery securities. The fund may purchase or sell securities on a when-issued or delayed-delivery basis, or in a "To Be Announced" (TBA) or "forward commitment" transaction, with delivery or payment to occur at a later date beyond the normal settlement period. TBA securities resulting from these transactions are included in the portfolio or in a schedule to the portfolio (Sale Commitments Outstanding). At the time a fund enters into a commitment to purchase or sell a security, the transaction is recorded and the value of the security is reflected in its NAV. The price of such security and the date that the security will be delivered and paid for are fixed at the time the transaction is negotiated. The value of the security may vary with market fluctuations. No interest accrues on debt securities until settlement takes place. At the time that the fund enters into this type of transaction, the fund is required to have sufficient cash and/or liquid securities to cover its commitments.

Certain risks may arise upon entering into when-issued or delayed-delivery securities transactions, including the potential inability of counterparties to meet the terms of their contracts, and the issuer's failure to issue the securities due to political, economic or other factors. Additionally, losses may arise due to changes in the value of the securities purchased or sold prior to settlement date.

Security transactions and related investment income. Investment security transactions are accounted for on a trade date plus one basis for daily NAV calculations. However, for financial reporting purposes, investment transactions are reported on trade date. Interest income is accrued as earned. Interest income includes coupon interest and amortization/accretion of premiums/discounts on debt securities. Debt obligations may be placed in a non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivable when the collection of all or a portion of interest has become doubtful. Dividend income is recorded on ex-date, except for dividends of certain foreign securities where the dividend may not be known until after the ex-date. In those cases, dividend income, net of withholding taxes, is recorded when the fund becomes aware of the dividends. Non-cash dividends, if any, are recorded at the fair market value of the securities received. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation.

Overdraft. The fund may have the ability to borrow from banks for temporary or emergency purposes, including meeting redemption requests that otherwise might require the untimely sale of securities. Pursuant to the fund's custodian agreement, the custodian may loan money to the fund to make properly authorized payments. The fund is obligated to repay the custodian for any overdraft, including any related costs or expenses. The custodian may have a lien, security interest or security entitlement in any fund property that is not otherwise segregated or pledged, to the extent of any overdraft, and to the maximum extent permitted by law.

Line of credit. The fund and other affiliated funds have entered into a syndicated line of credit agreement with Citibank, N.A. as the administrative agent that enables them to participate in a \$1 billion unsecured committed line of credit, which is in effect through July 14, 2025 unless extended or renewed. Excluding commitments designated for a certain fund and subject to the needs of all other affiliated funds, the fund can borrow up to an aggregate commitment amount of \$750 million, subject to asset coverage and other limitations as specified in the agreement. A commitment fee payable at the end of each calendar quarter, based on the average daily unused portion of the line of credit, is charged to each participating fund based on an asset-based allocation and is reflected in Other expenses on the Statement of operations. Commitment fees for the six months ended November 30, 2024 were \$4,949.

Expenses. Within the John Hancock group of funds complex, expenses that are directly attributable to an individual fund are allocated to such fund. Expenses that are not readily attributable to a specific fund are allocated among all funds in an equitable manner, taking into consideration, among other things, the nature and type of expense and the fund's relative net assets. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

Class allocations. Income, common expenses and realized and unrealized gains (losses) are determined at the fund level and allocated daily to each class of shares based on the net assets of the class. Class-specific expenses, such as distribution and service fees, if any, and transfer agent fees, for all classes, are charged daily at the class level based on the net assets of each class and the specific expense rates applicable to each class.

Federal income taxes. The fund intends to continue to qualify as a regulated investment company by complying with the applicable provisions of the Internal Revenue Code and will not be subject to federal income tax on taxable income that is distributed to shareholders. Therefore, no federal income tax provision is required.

For federal income tax purposes, as of May 31, 2024, the fund has a short-term capital loss carryforward of \$10,776,764 and a long-term capital loss carryforward of \$13,358,678 available to offset future net realized capital gains. These carryforwards do not expire.

As of May 31, 2024, the fund had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The fund's federal tax returns are subject to examination by the Internal Revenue Service for a period of three years.

Distribution of income and gains. Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. The fund generally declares dividends daily and pays them monthly. Capital gain distributions, if any, are typically distributed annually.

Distributions paid by the fund with respect to each class of shares are calculated in the same manner, at the same time and in the same amount, except for the effect of class level expenses that may be applied differently to each class.

Such distributions, on a tax basis, if any, are determined in conformity with income tax regulations, which may differ from US GAAP. Distributions in excess of tax basis earnings and profits, if any, are reported in the fund's financial statements as a return of capital. The final determination of tax characteristics of the fund's distribution will occur at the end of the year and will subsequently be reported to shareholders.

Capital accounts within the financial statements are adjusted for permanent book-tax differences at fiscal year end. These adjustments have no impact on net assets or the results of operations. Temporary book-tax differences, if any, will reverse in a subsequent period. Book-tax differences are primarily attributable to accretion on debt securities.

Note 3 — Guarantees and indemnifications

Under the Trust's organizational documents, its Officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the Trust, including the fund. Additionally, in the normal course of business, the fund enters into contracts with service providers that contain general indemnification clauses. The fund's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the fund that have not yet occurred. The risk of material loss from such claims is considered remote.

Note 4 — Fees and transactions with affiliates

John Hancock Investment Management LLC (the Advisor) serves as investment advisor for the fund. John Hancock Investment Management Distributors LLC (the Distributor), an affiliate of the Advisor, serves as principal underwriter of the fund. The Advisor and the Distributor are indirect, principally owned subsidiaries of John Hancock Life Insurance Company (U.S.A.), which in turn is a subsidiary of Manulife Financial Corporation.

Management fee. The fund has an investment management agreement with the Advisor under which the fund pays a daily management fee to the Advisor equivalent on an annual basis to the sum of: (a) 0.510% of the first \$500 million of the fund's average daily net assets; (b) 0.460% of the next \$500 million of the fund's average daily net assets; (c) 0.410% of the next \$2 billion of the fund's average daily net assets; (c) 0.410% of the next \$2 billion. The Advisor has a subadvisory agreement with Manulife Investment Management (US) LLC, an indirectly owned subsidiary of Manulife Financial Corporation and an affiliate of the Advisor. The fund is not responsible for payment of the subadvisory fees.

The Advisor has contractually agreed to reduce its management fee or, if necessary, make payment to the fund in an amount equal to the amount by which expenses of the fund exceed 0.51% of average daily net assets of the fund. For purposes of this agreement, "expenses of the fund" means all fund expenses, excluding (a) taxes, (b) brokerage commissions, (c) interest expense, (d) litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, (e) class-specific expenses, (f) borrowing costs, (g) prime brokerage fees, (h) acquired fund fees and expenses paid indirectly, and (i) short dividend expense. This agreement expires on September 30, 2025, unless renewed by mutual agreement of the Advisor and the fund based upon a determination that this is appropriate under the circumstances at that time. Prior to October 1, 2024, the expense limitation was 0.55% of the fund's average daily net assets.

The Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain funds of the John Hancock group of funds complex, including the fund (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each fund. During the six months ended November 30, 2024, this waiver amounted to 0.01% of the fund's average daily net assets, on an annualized basis. This agreement expires on July 31, 2026, unless renewed by mutual agreement of the fund and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

For the six months ended November 30, 2024, the expense reductions described above amounted to the following:

Class	Expense reduction	Class	Expense reduction
Class A	\$34,376	Class R6	\$10,393
Class C	473	Total	\$75,456
Class I	30,214		

Expenses waived or reimbursed in the current fiscal period are not subject to recapture in future fiscal periods.

The investment management fees, including the impact of the waivers and reimbursements as described above, incurred for the six months ended November 30, 2024, were equivalent to a net annual effective rate of 0.46% of the fund's average daily net assets.

Accounting and legal services. Pursuant to a service agreement, the fund reimburses the Advisor for all expenses associated with providing the administrative, financial, legal, compliance, accounting and recordkeeping services to the fund, including the preparation of all tax returns, periodic reports to shareholders and regulatory reports, among other services. These expenses are allocated to each share class based on its relative net assets at the time the expense was incurred. These accounting and legal services fees incurred, for the six months ended November 30, 2024, amounted to an annual rate of 0.02% of the fund's average daily net assets.

Distribution and service plans. The fund has a distribution agreement with the Distributor. The fund has adopted distribution and service plans for certain classes as detailed below pursuant to Rule 12b-1 under the 1940 Act, to pay the Distributor for services provided as the distributor of shares of the fund. The fund may pay up to the following contractual rates of distribution and service fees under these arrangements, expressed as an annual percentage of average daily net assets for each class of the fund's shares:

Class	Rule 12b-1 Fee
Class A	0.25%
Class C	1.00%

The fund's Distributor has contractually agreed to waive 0.10% of Rule12b-1 fees for Class A and Class C shares. The current waiver agreement expires on September 30, 2025, unless renewed by mutual agreement of the fund and the Distributor based upon a determination that this is appropriate under the circumstances at the time. This contractual waiver amounted to \$277,398 and \$3,836 for Class A and Class C shares, respectively, for the six months ended November 30, 2024.

Sales charges. Class A shares are assessed up-front sales charges, which resulted in payments to the Distributor amounting to \$145,799 for the six months ended November 30, 2024. Of this amount, \$19,521 was retained and used for printing prospectuses, advertising, sales literature and other purposes and \$126,278 was paid as sales commissions to broker-dealers.

Class A and Class C shares may be subject to contingent deferred sales charges (CDSCs). Certain Class A shares purchased, including those that are acquired through purchases of \$250,000 or more, and redeemed within 18 months of purchase are subject to a 1.00% CDSC. Class C shares that are redeemed within one year of purchase are subject to a 1.00% CDSC. Class C shares that are redeemed within one year of purchase are subject to a 1.00% CDSC. Save applied to the lesser of the current market value at the time of redemption or the original purchase cost of the shares being redeemed. Proceeds from CDSCs are used to compensate the Distributor for providing distribution-related services in connection with the sale of these shares. During the six months ended November 30, 2024, CDSCs received by the Distributor amounted to \$19,187 and \$777 for Class A and Class C shares, respectively.

Transfer agent fees. The John Hancock group of funds has a complex-wide transfer agent agreement with John Hancock Signature Services, Inc. (Signature Services), an affiliate of the Advisor. The transfer agent fees paid to Signature Services are determined based on the cost to Signature Services (Signature Services Cost) of providing recordkeeping services. It also includes out-of-pocket expenses, including payments made to third-parties for recordkeeping services provided to their clients who invest in one or more John Hancock funds. In addition,

Signature Services Cost may be reduced by certain fees that Signature Services receives in connection with retirement and small accounts. Signature Services Cost is calculated monthly and allocated, as applicable, to three categories of share classes: Retail Share Classes of Non-Municipal Bond Funds, Retirement Share Classes and Retail Share Classes of Municipal Bond Funds. Within each of these categories, the applicable costs are allocated to the affected John Hancock affiliated funds and/or classes, based on the relative average daily net assets.

Class level expenses. Class level expenses for the six months ended November 30, 2024 were as follows:

Class	Distribution and service fees	Transfer agent fees
Class A	\$693,495	\$113,842
Class C	38,363	1,555
Class I	_	101,053
Class R6		3,877
Total	\$731,858	\$220,327

Trustee expenses. The fund compensates each Trustee who is not an employee of the Advisor or its affiliates. The costs of paying Trustee compensation and expenses are allocated to the fund based on its net assets relative to other funds within the John Hancock group of funds complex.

Note 5 — Fund share transactions

Transactions in fund shares for the six months ended November 30, 2024 and for the year ended May 31, 2024 were as follows:

Six Months Er	nded 11-30-24	Year End	ed 5-31-24
Shares	Amount	Shares	Amount
7,161,953	\$65,212,480	16,536,355	\$147,257,841
979,360	8,904,442	1,735,339	15,403,659
(4,214,117)	(38,266,616)	(10,057,107)	(89,124,200)
3,927,196	\$35,850,306	8,214,587	\$73,537,300
108,543	\$990,474	240,771	\$2,150,153
10,894	99,045	23,206	205,718
(117,588)	(1,070,545)	(454,684)	(4,022,028)
1,849	\$18,974	(190,707)	\$(1,666,157)
12,603,618	\$114,766,560	29,216,666	\$260,041,019
926,653	8,441,346	1,511,256	13,431,049
(5,540,243)	(50,351,240)	(18,570,523)	(163,661,729)
7,990,028	\$72,856,666	12,157,399	\$109,810,339
	Shares 7,161,953 979,360 (4,214,117) 3,927,196 108,543 10,894 (117,588) 1,849 12,603,618 926,653 (5,540,243)	7,161,953 \$65,212,480 979,360 8,904,442 (4,214,117) (38,266,616) 3,927,196 \$35,850,306 108,543 \$990,474 108,543 \$990,474 10,894 99,045 (117,588) (1,070,545) 1,849 \$18,974 12,603,618 \$114,766,560 926,653 8,441,346 (5,540,243) (50,351,240)	Shares Amount Shares 7,161,953 \$65,212,480 16,536,355 979,360 8,904,442 1,735,339 (4,214,117) (38,266,616) (10,057,107) 3,927,196 \$35,850,306 8,214,587 108,543 \$990,474 240,771 10,894 99,045 23,206 (117,588) (1,070,545) (454,684) 11,849 \$18,974 (190,707) 12,603,618 \$114,766,560 29,216,666 926,653 8,441,346 1,511,256 (5,540,243) (50,351,240) (18,570,523)

	Six Months	Six Months Ended 11-30-24		led 5-31-24
	Shares	Amount	Shares	Amount
Class R6 shares				
Sold	3,244,359	\$29,532,746	8,841,215	\$78,406,201
Distributions reinvested	327,144	2,981,087	539,085	4,794,304
Repurchased	(1,552,236)	(14,117,926)	(5,132,575)	(45,172,690)
Net increase	2,019,267	\$18,395,907	4,247,725	\$38,027,815
Total net increase	13,938,340	\$127,121,853	24,429,004	\$219,709,297

Note 6 — Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$353,495,120 and \$208,588,192, respectively, for the six months ended November 30, 2024.

Note 7 — State or region risk

To the extent that the fund invests heavily in bonds from any given state or region, its performance could be disproportionately affected by factors particular to that state or region. These factors may include economic or political changes, tax-base erosion, possible state constitutional limits on tax increases, detrimental budget deficits and other financial difficulties, and changes to the credit ratings assigned to those states' municipal issuers.

Note 8 — Investment in affiliated underlying funds

The fund may invest in affiliated underlying funds that are managed by the Advisor and its affiliates. Information regarding the fund's fiscal year to date purchases and sales of the affiliated underlying funds as well as income and capital gains earned by the fund, if any, is as follows:

							Dividends and	distributions	
Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Income distributions received	Capital gain distributions received	Ending value
John Hancock Collateral Trust	251,941	\$12	\$137,267,829	\$(134,750,056)	\$2,303	\$2	\$153,861	_	\$2,520,090

EVALUATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES

This section describes the evaluation by the Board of Trustees (the Board) of John Hancock Municipal Securities Trust (the Trust) of the Advisory Agreement (the Advisory Agreement) with John Hancock Investment Management LLC (the Advisor) and the Subadvisory Agreement (the Subadvisory Agreement) with Manulife Investment Management (US) LLC (the Subadvisor), for John Hancock Municipal Opportunities Fund. The Advisory Agreement and Subadvisory Agreement are collectively referred to as the Agreements. Prior to the June 24–27, 2024 meeting at which the Agreements were approved, the Board also discussed and considered information regarding the proposed continuation of the Agreements at a meeting held on May 28–30, 2024. The Trustees who are not "interested persons" of the Trust as defined by the Investment Company Act of 1940, as amended (the 1940 Act) (the Independent Trustees) also met separately to evaluate and discuss the information presented, including with counsel to the Independent Trustees and a third-party consulting firm.

Approval of Advisory and Subadvisory Agreements

At meetings held on June 24–27, 2024, the Board, including the Trustees who are not parties to any Agreement or considered to be interested persons of the Trust under the 1940 Act, reapproved for an annual period the continuation of the Advisory Agreement between the Trust and the Advisor and the Subadvisory Agreement between the Advisor and the Subadvisor with respect to the fund.

In considering the Advisory Agreement and the Subadvisory Agreement, the Board received in advance of the meetings a variety of materials relating to the fund, the Advisor and the Subadvisor, including comparative performance, fee and expense information for a peer group of similar funds prepared by an independent third-party provider of fund data, performance information for an applicable benchmark index; and, with respect to the Subadvisor, comparative performance information for comparably managed accounts, as applicable, and other information provided by the Advisor and the Subadvisor regarding the nature, extent and quality of services provided by the Advisor and the Subadvisor under their respective Agreements, as well as information regarding the Advisor's revenues and costs of providing services to the fund and any compensation paid to affiliates of the Advisor. At the meetings at which the renewal of the Advisory Agreement and Subadvisory Agreement are considered, particular focus is given to information concerning fund performance, comparability of fees and total expenses, and profitability. However, the Board noted that the evaluation process with respect to the Advisor and the Subadvisor is an ongoing one. In this regard, the Board also took into account discussions with management and information provided to the Board (including its various committees) at prior meetings with respect to the services provided by the Advisor and the Subadvisor to the fund, including guarterly performance reports prepared by management containing reviews of investment results and prior presentations from the Subadvisor with respect to the fund. The information received and considered by the Board in connection with the May and June meetings and throughout the year was both written and oral. The Board noted the affiliation of the Subadvisor with the Advisor, noting any potential conflicts of interest. The Board also considered the nature, quality, and extent of non-advisory services, if any, to be provided to the fund by the Advisor's affiliates, including distribution services. The Board considered the Advisory Agreement and the Subadvisory Agreement separately in the course of its review. In doing so, the Board noted the respective roles of the Advisor and Subadvisor in providing services to the fund.

Throughout the process, the Board asked questions of and requested additional information from management. The Board is assisted by counsel for the Trust and the Independent Trustees are also separately assisted by independent legal counsel throughout the process. The Independent Trustees also received a memorandum from their independent legal counsel discussing the legal standards for their consideration of the proposed continuation of the Agreements and discussed the proposed continuation of the Agreements in private sessions with their independent legal counsel at which no representatives of management were present.

Approval of Advisory Agreement

In approving the Advisory Agreement with respect to the fund, the Board, including the Independent Trustees, considered a variety of factors, including those discussed below. The Board also considered other factors (including conditions and trends prevailing generally in the economy, the securities markets, and the industry) and did not treat any single factor as determinative, and each Trustee may have attributed different weights to different factors. The Board's conclusions may be based in part on its consideration of the advisory and subadvisory arrangements in prior years and on the Board's ongoing regular review of fund performance and operations throughout the year.

Nature, extent, and guality of services. Among the information received by the Board from the Advisor relating to the nature, extent, and quality of services provided to the fund, the Board reviewed information provided by the Advisor relating to its operations and personnel, descriptions of its organizational and management structure, and information regarding the Advisor's compliance and regulatory history, including its Form ADV. The Board also noted that on a regular basis it receives and reviews information from the Trust's Chief Compliance Officer (CCO) regarding the fund's compliance policies and procedures established pursuant to Rule 38a-1 under the 1940 Act. The Board observed that the scope of services provided by the Advisor, and of the undertakings required of the Advisor in connection with those services, including maintaining and monitoring its own and the fund's compliance programs, risk management programs, liquidity risk management programs, derivatives risk management programs, and cybersecurity programs, had expanded over time as a result of regulatory, market and other developments. The Board considered that the Advisor is responsible for the management of the day-to-day operations of the fund, including, but not limited to, general supervision of and coordination of the services provided by the Subadvisor, and is also responsible for monitoring and reviewing the activities of the Subadvisor and third-party service providers. The Board also considered the significant risks assumed by the Advisor in connection with the services provided to the fund including entrepreneurial risk in sponsoring new funds and ongoing risks including investment, operational, enterprise, litigation, regulatory and compliance risks with respect to all funds.

In considering the nature, extent, and quality of the services provided by the Advisor, the Trustees also took into account their knowledge of the Advisor's management and the quality of the performance of the Advisor's duties, through Board meetings, discussions and reports during the preceding year and through each Trustee's experience as a Trustee of the Trust and of the other trusts in the John Hancock group of funds complex (the John Hancock Fund Complex).

In the course of their deliberations regarding the Advisory Agreement, the Board considered, among other things:

- (a) the skills and competency with which the Advisor has in the past managed the Trust's affairs and its subadvisory relationship, the Advisor's oversight and monitoring of the Subadvisor's investment performance and compliance programs, such as the Subadvisor's compliance with fund policies and objectives, review of brokerage matters, including with respect to trade allocation and best execution and the Advisor's timeliness in responding to performance issues;
- (b) the background, qualifications and skills of the Advisor's personnel;
- the Advisor's compliance policies and procedures and its responsiveness to regulatory changes and fund industry developments;
- (d) the Advisor's administrative capabilities, including its ability to supervise the other service providers for the fund, as well as the Advisor's oversight of any securities lending activity, its monitoring of class action litigation and collection of class action settlements on behalf of the fund, and bringing loss recovery actions on behalf of the fund;
- the financial condition of the Advisor and whether it has the financial wherewithal to provide a high level and quality of services to the fund;

- (f) the Advisor's initiatives intended to improve various aspects of the Trust's operations and investor experience with the fund; and
- (g) the Advisor's reputation and experience in serving as an investment advisor to the Trust and the benefit to shareholders of investing in funds that are part of a family of funds offering a variety of investments.

The Board concluded that the Advisor may reasonably be expected to continue to provide a high quality of services under the Advisory Agreement with respect to the fund.

<u>Investment performance</u>. In considering the fund's performance, the Board noted that it reviews at its regularly scheduled meetings information about the fund's performance results. In connection with the consideration of the Advisory Agreement, the Board:

- (a) reviewed information prepared by management regarding the fund's performance;
- (b) considered the comparative performance of an applicable benchmark index;
- (c) considered the performance of comparable funds, if any, as included in the report prepared by an independent third-party provider of fund data; and
- (d) took into account the Advisor's analysis of the fund's performance and its plans and recommendations regarding the Trust's subadvisory arrangements generally.

The Board noted that while it found the data provided by the independent third-party generally useful it recognized its limitations, including in particular that the data may vary depending on the end date selected and the results of the performance comparisons may vary depending on the selection of the peer group. The Board noted that the fund outperformed its benchmark index for the three-year period and ended December 31, 2023 and underperformed its benchmark for the one-, five- and ten-year periods. The Board also noted that the fund outperformed its peer group median for the one-, five- and ten-year periods ended December 31, 2023. The Board took into account management's discussion of the factors that contributed to the fund's performance relative to the benchmark index for the one-, five- and ten-year periods. The Board concluded that the fund's performance has generally been in line with or outperformed the historical performance of comparable funds.

<u>Fees and expenses</u>. The Board reviewed comparative information prepared by an independent third-party provider of fund data, including, among other data, the fund's contractual and net management fees (and subadvisory fees, to the extent available) and total expenses as compared to similarly situated investment companies deemed to be comparable to the fund in light of the nature, extent and quality of the management and advisory and subadvisory services provided by the Advisor and the Subadvisor. The Board considered the fund's ranking within a smaller group of peer funds chosen by the independent third-party provider, as well as the fund's ranking within a broader group of funds. In comparing the fund's contractual and net management fees to those of comparable funds, the Board noted that such fees include both advisory and administrative costs. The Board noted that net management fees for the fund were higher than the peer group median and net total expenses for the fund were equal to the peer group median.

The Board took into account management's discussion of the fund's expenses, including a previous action taken with respect to the fund's expenses. The Board also took into account management's discussion with respect to the overall management fee and the fees of the Subadvisor, including the amount of the advisory fee retained by the Advisor after payment of the subadvisory fee, in each case in light of the services rendered for those amounts and the risks undertaken by the Advisor. The Board also noted that the Advisor pays the subadvisory fee. In addition, the Board took into account that management had agreed to implement an overall fee waiver across the complex, including the fund, which is discussed further below. The Board also noted actions taken over the past several years to reduce the fund's operating expenses. The Board also noted that, in addition, the Advisor is currently waiving fees and/or reimbursing expenses with respect to the fund and that the fund has breakpoints in

its contractual management fee schedule that reduce management fees as assets increase. The Board also noted that the fund's distributor, an affiliate of the Advisor, has agreed to waive a portion of its Rule 12b-1 fee for a share class of the fund. The Board noted that the fund has a voluntary fee waiver and/or expense reimbursement, which reduces certain expenses of the fund. The Board reviewed information provided by the Advisor concerning the investment advisory fee charged by the Advisor or one of its advisory affiliates to other clients (including other funds in the John Hancock Fund Complex) having similar investment mandates, if any. The Board considered any differences between the Advisor's and Subadvisor's services to the fund and the services they provide to other comparable clients or funds. The Board concluded that the advisory fee paid with respect to the fund is reasonable in light of the nature, extent and quality of the services provided to the fund under the Advisor Agreement.

Profitability/Fall out benefits. In considering the costs of the services to be provided and the profits to be realized by the Advisor and its affiliates (including the Subadvisor) from the Advisor's relationship with the Trust, the Board:

- (a) reviewed financial information of the Advisor;
- (b) reviewed and considered information presented by the Advisor regarding the net profitability to the Advisor and its affiliates with respect to the fund;
- received and reviewed profitability information with respect to the John Hancock Fund Complex as a whole and with respect to the fund;
- (d) received information with respect to the Advisor's allocation methodologies used in preparing the profitability data and considered that the Advisor hired an independent third-party consultant to provide an analysis of the Advisor's allocation methodologies;
- (e) considered that the John Hancock insurance companies that are affiliates of the Advisor, as shareholders of the Trust directly or through their separate accounts, receive certain tax credits or deductions relating to foreign taxes paid and dividends received by certain funds of the Trust and noted that these tax benefits, which are not available to participants in qualified retirement plans under applicable income tax law, are reflected in the profitability information reviewed by the Board;
- (f) considered that the Advisor also provides administrative services to the fund on a cost basis pursuant to an administrative services agreement;
- (g) noted that affiliates of the Advisor provide transfer agency services and distribution services to the fund, and that the fund's distributor also receives Rule 12b-1 payments to support distribution of the fund;
- (h) noted that the fund's Subadvisor is an affiliate of the Advisor;
- noted that the Advisor also derives reputational and other indirect benefits from providing advisory services to the fund;
- (j) noted that the subadvisory fee for the fund is paid by the Advisor;
- (k) considered the Advisor's ongoing costs and expenditures necessary to improve services, meet new regulatory and compliance requirements, and adapt to other challenges impacting the fund industry; and
- (I) considered that the Advisor should be entitled to earn a reasonable level of profits in exchange for the level of services it provides to the fund and the risks that it assumes as Advisor, including entrepreneurial, operational, reputational, litigation and regulatory risk.

Based upon its review, the Board concluded that the level of profitability, if any, of the Advisor and its affiliates (including the Subadvisor) from their relationship with the fund was reasonable and not excessive.

Economies of scale. In considering the extent to which economies of scale would be realized as the fund grows and whether fee levels reflect these economies of scale for the benefit of fund shareholders, the Board:

- (a) considered that the Advisor has contractually agreed to waive a portion of its management fee for certain funds of the John Hancock Fund Complex, including the fund (the participating portfolios) or otherwise reimburse the expenses of the participating portfolios (the reimbursement). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each fund;
- (b) reviewed the fund's advisory fee structure and concluded that: (i) the fund's fee structure contains breakpoints at the subadvisory fee level and that such breakpoints are reflected as breakpoints in the advisory fees for the fund; and (ii) although economies of scale cannot be measured with precision, these arrangements permit shareholders of the fund to benefit from economies of scale if the fund grows. The Board also took into account management's discussion of the fund's advisory fee structure; and
- (c) the Board also considered the effect of the fund's growth in size on its performance and fees. The Board also noted that if the fund's assets increase over time, the fund may realize other economies of scale.

Approval of Subadvisory Agreement

In making its determination with respect to approval of the Subadvisory Agreement, the Board reviewed:

- information relating to the Subadvisor's business, including current subadvisory services to the Trust (and other funds in the John Hancock Fund Complex);
- (2) the historical and current performance of the fund and comparative performance information relating to an applicable benchmark index and comparable funds; and
- (3) the subadvisory fee for the fund, including any breakpoints, and to the extent available, comparable fee information prepared by an independent third-party provider of fund data.

Nature, extent, and quality of services. With respect to the services provided by the Subadvisor, the Board received information provided to the Board by the Subadvisor, including the Subadvisor's Form ADV, as well as took into account information presented throughout the past year. The Board considered the Subadvisor's current level of staffing and its overall resources, as well as received information relating to the Subadvisor's compensation program. The Board reviewed the Subadvisor's history and investment experience, as well as information regarding the qualifications, background, and responsibilities of the Subadvisor's investment and compliance personnel who provide services to the fund. The Board also considered, among other things, the Subadvisor's compliance program and any disciplinary history. The Board also considered the Subadvisor's risk assessment and monitoring process. The Board reviewed the Subadvisor's regulatory history, including whether it was involved in any regulatory actions or investigations as well as material litigation, and any settlements and amelioratory actions undertaken, as appropriate. The Board noted that the Advisor conducts regular, periodic reviews of the Subadvisor and its operations, including regarding investment processes and organizational and staffing matters. The Board also noted that the Trust's CCO and his staff conduct regular, periodic compliance reviews with the Subadvisor and present reports to the Independent Trustees regarding the same, which includes evaluating the regulatory compliance systems of the Subadvisor and procedures reasonably designed to assure compliance with the federal securities laws. The Board also took into account the financial condition of the Subadvisor.

The Board considered the Subadvisor's investment process and philosophy. The Board took into account that the Subadvisor's responsibilities include the development and maintenance of an investment program for the fund that is consistent with the fund's investment objective, the selection of investment securities and the placement of

orders for the purchase and sale of such securities, as well as the implementation of compliance controls related to performance of these services. The Board also received information with respect to the Subadvisor's brokerage policies and practices, including with respect to best execution and soft dollars.

<u>Subadvisor compensation</u>. In considering the cost of services to be provided by the Subadvisor and the profitability to the Subadvisor of its relationship with the fund, the Board noted that the fees under the Subadvisory Agreement are paid by the Advisor and not the fund. The Board also received information and took into account any other potential conflicts of interest the Advisor might have in connection with the Subadvisory Agreement.

In addition, the Board considered other potential indirect benefits that the Subadvisor and its affiliates may receive from the Subadvisor's relationship with the fund, such as the opportunity to provide advisory services to additional funds in the John Hancock Fund Complex and reputational benefits.

<u>Subadvisory fees</u>. The Board considered that the fund pays an advisory fee to the Advisor and that, in turn, the Advisor pays a subadvisory fee to the Subadvisor. As noted above, the Board also considered the fund's subadvisory fees as compared to similarly situated investment companies deemed to be comparable to the fund as included in the report prepared by the independent third-party provider of fund data, to the extent available. The Board also noted that the limited size of the Lipper peer group was not sufficient for comparative purposes. The Board also took into account the subadvisory fees paid by the Advisor to the Subadvisor with respect to the fund and compared them to fees charged by the Subadvisor to manage other subadvised portfolios and portfolios not subject to regulation under the 1940 Act, as applicable.

<u>Subadvisor performance</u>. As noted above, the Board considered the fund's performance as compared to the fund's peer group median and the benchmark index and noted that the Board reviews information about the fund's performance results at its regularly scheduled meetings. The Board noted the Advisor's expertise and resources in monitoring the performance, investment style and risk-adjusted performance of the Subadvisor. The Board was mindful of the Advisor's focus on the Subadvisor's performance. The Board also noted the Subadvisor's long-term performance record for similar accounts, as applicable.

The Board's decision to approve the Subadvisory Agreement was based on a number of determinations, including the following:

- (1) the Subadvisor has extensive experience and demonstrated skills as a manager;
- the fund's performance has generally been in line with or outperformed the historical performance of comparable funds;
- (3) the subadvisory fee is reasonable in relation to the level and quality of services being provided under the Subadvisory Agreement; and
- (4) noted that the subadvisory fees are paid by the Advisor not the fund and that the subadvisory fee breakpoints are reflected as breakpoints in the advisory fees for the fund in order to permit shareholders to benefit from economies of scale if the fund grows.

Based on the Board's evaluation of all factors that the Board deemed to be material, including those factors described above, the Board, including the Independent Trustees, concluded that renewal of the Advisory Agreement and the Subadvisory Agreement would be in the best interest of the fund and its shareholders. Accordingly, the Board, and the Independent Trustees voting separately, approved the Advisory Agreement and Subadvisory Agreement for an additional one-year period.

John Hancock Investment Management

John Hancock Investment Management Distributors LLC, Member FINRA, SIPC 200 Berkeley Street, Boston, MA 02116-5010, 800-225-5291, jhinvestments.com

Manulife Investment Management, the Stylized M Design, and Manulife Investment Management & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by its affiliates under license.

NOT FDIC INSURED. MAY LOSE VALUE. NO BANK GUARANTEE. NOT INSURED BY ANY GOVERNMENT AGENCY.

This report is for the information of the shareholders of John Hancock Municipal Opportunities Fund. It is not authorized for distribution to prospective investors unless preceded or accompanied by a prospectus.

A company of **Manulife** Investment Management

MF4089193