

Semi-Annual Shareholder Report

January 31, 2021



Share Class | Ticker **A** | QASCX **C** | QCSCX **Institutional** | QISCX **R6** | QLSCX

Federated Hermes MDT Small Cap Core Fund

(formerly, Federated MDT Small Cap Core Fund)

Fund Established 2005

A Portfolio of Federated Hermes MDT Series

(formerly, Federated MDT Series)

Dear Valued Shareholder,

I am pleased to present the Semi-Annual Shareholder Report for your fund covering the period from August 1, 2020 through January 31, 2021.

While Covid-19 continues to present challenges to our lives, families and businesses, I want you to know that Federated Hermes remains dedicated to helping you successfully navigate the markets ahead. You can count on us for the insights, investment management knowledge and client service that you have come to expect. Please refer to our website, [FederatedInvestors.com](https://www.federatedinvestors.com), for timely updates on this and other economic and market matters.

Thank you for investing with us. I hope you find this information useful and look forward to keeping you informed.

Sincerely,

A handwritten signature in cursive script, reading "J. Christopher Donahue".

J. Christopher Donahue, President

Not FDIC Insured • May Lose Value • No Bank Guarantee

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Portfolio of Investments Summary Table (unaudited)

At January 31, 2021, the Fund's sector composition¹ was as follows:

Sector Composition	Percentage of Total Net Assets
Health Care	20.7%
Financials	15.5%
Information Technology	15.2%
Industrials	15.1%
Consumer Discretionary	14.8%
Real Estate	5.3%
Materials	4.0%
Consumer Staples	2.7%
Communication Services	2.3%
Energy	1.7%
Utilities	1.7%
Securities Lending Collateral ²	1.7%
Cash Equivalents ³	1.4%
Other Assets and Liabilities—Net ⁴	(2.1)%
TOTAL	100%

- ¹ Except for Securities Lending Collateral, Cash Equivalents and Other Assets and Liabilities, sector classifications are based upon, and individual portfolio securities are assigned to, the classifications of the Global Industry Classification Standard (GICS) except that the Adviser assigns a classification to securities not classified by the GICS and to securities for which the Adviser does not have access to the classification made by the GICS.
- ² Represents cash collateral received for portfolio securities on loan that may be invested in affiliated money market funds, other money market instruments and/or repurchase agreements.
- ³ Cash Equivalents include any investments in money market mutual funds and/or overnight repurchase agreements other than those representing cash collateral for securities lending.
- ⁴ Assets, other than investments in securities, less liabilities. See Statement of Assets and Liabilities.

Portfolio of Investments

January 31, 2021 (unaudited)

Shares		Value
	COMMON STOCKS—99.0%	
	Communication Services—2.3%	
143,140	^{1,2} AMC Networks, Inc.	\$ 7,073,979
74,067	¹ CarGurus, Inc.	2,166,460
230,538	¹ Cars.com, Inc.	2,676,546
98,337	¹ Consolidated Communications Holdings, Inc.	600,347
16,653	¹ Iridium Communications, Inc.	820,493
174,685	¹ Yelp, Inc.	5,692,984
	TOTAL	19,030,809
	Consumer Discretionary—14.8%	
191,988	Abercrombie & Fitch Co., Class A	4,429,163
33,042	¹ Adient PLC	1,066,926
354,304	¹ American Axle & Manufacturing Holdings, Inc.	3,121,418
17,511	¹ American Public Education, Inc.	503,967
22,652	¹ Asbury Automotive Group, Inc.	3,230,402
37,214	² Bed Bath & Beyond, Inc.	1,314,771
27,806	Big Lots, Inc.	1,659,462
41,247	Bloomin Brands, Inc.	869,074
36,443	Bluegreen Vacations Holding Corp.	477,039
174,353	¹ Boyd Gaming Corp.	7,873,781
112,567	Brinker International, Inc.	6,627,945
181,481	Camping World Holdings, Inc.	6,199,391
71,599	¹ CROCs, Inc.	5,013,362
211,153	¹ G-III Apparel Group Ltd.	5,709,577
15,803	¹ GrowGeneration Corp.	682,532
51,076	¹ Installed Building Products, Inc.	5,359,405
54,782	Jack in the Box, Inc.	5,157,177
180,029	Kontoor Brands, Inc.	6,502,647
76,156	¹ Magnite, Inc.	2,638,044
41,404	¹ Michaels COS, Inc.	641,762
323,241	¹ Modine Manufacturing Co.	4,056,675
92,342	Movado Group, Inc.	1,907,786
10,718	Murphy USA, Inc.	1,335,141
57,086	¹ National Vision Holdings, Inc.	2,647,078
62,693	ODP Corp./The	2,676,364
109,013	¹ Perdoceo Education Corp.	1,289,624
102,696	Red Rock Resorts, Inc.	2,411,302
169,237	Rent-A-Center, Inc.	7,327,962
21,550	¹ Shake Shack, Inc.	2,444,201
56,685	Shutterstock, Inc.	3,683,958
46,624	Sonic Automotive, Inc.	1,908,320
116,505	¹ Sonos, Inc.	3,046,606

Shares

Value

Shares		Value
	COMMON STOCKS—continued	
	Consumer Discretionary—continued	
21,617	^{1,2} Stitch Fix, Inc.	\$ 2,063,126
25,422	Tupperware Brands Corp.	764,694
18,424	^{1,2} Turtle Beach Corp.	550,878
8,405	¹ Visteon Corp.	1,071,469
91,647	¹ WW International, Inc.	2,434,144
29,853	^{1,3} XPEL, Inc.	1,433,243
150,708	¹ YETI Holdings, Inc.	9,919,601
	TOTAL	122,050,017
	Consumer Staples—2.7%	
121,712	² B&G Foods, Inc., Class A	4,634,793
187,418	¹ BJ's Wholesale Club Holdings, Inc.	7,884,675
57,731	¹ Central Garden & Pet Co., Class A	2,251,509
3,948	Coca-Cola Bottling Co.	1,053,563
50,755	¹ elf Beauty, Inc.	1,104,429
70,774	¹ Hostess Brands, Inc.	1,086,381
23,116	Ingles Markets, Inc., Class A	1,099,397
30,660	Primo Water Corp.	473,697
67,693	SpartanNash Co.	1,253,674
77,006	Vector Group Ltd.	904,051
	TOTAL	21,746,169
	Energy—1.7%	
34,662	¹ Bonanza Creek Energy, Inc.	716,117
111,305	¹ Gulf Island Fabrication, Inc.	378,437
19,079	Nabors Industries Ltd.	1,362,622
318,144	¹ Newpark Resources, Inc.	760,364
370,978	¹ Oceaneering International, Inc.	3,134,764
765,919	¹ Oil States International, Inc.	4,289,146
66,376	Ovintiv, Inc.	1,046,086
10,615	¹ PDC Energy, Inc.	230,452
22,539	¹ Renewable Energy Group, Inc.	2,019,494
	TOTAL	13,937,482
	Financials—15.5%	
29,171	1st Source Corp.	1,147,879
36,399	Argo Group International Holdings Ltd.	1,468,700
221,738	Artisan Partners Asset Management, Inc.	10,732,119
258,245	Brightsphere Investment Group, Inc.	4,733,631
54,706	¹ BRP Group, Inc.	1,269,726
104,723	CNO Financial Group, Inc.	2,221,175
25,356	Cowen Group, Inc.	637,703
29,902	¹ Customers Bancorp, Inc.	664,422
100,997	Donegal Group, Inc., Class A	1,400,828
48,387	Employers Holdings, Inc.	1,475,804
58,451	Financial Institutions, Inc.	1,337,943
437,904	First BanCorp	3,984,926

Shares

Value

Shares		Value
	COMMON STOCKS—continued	
	Financials—continued	
236,917	First Bancorp, Inc.	\$ 8,069,393
145,788	First Foundation, Inc.	2,953,665
61,577	Flagstar Bancorp, Inc.	2,638,575
23,948	¹ Focus Financial Partners, Inc.	1,139,446
19,613	¹ Goosehead Insurance, Inc.	2,620,297
71,274	¹ Green Dot Corp.	3,580,093
46,590	Heartland Financial USA, Inc.	1,987,529
120,688	HomeStreet, Inc.	4,393,043
110,084	Horace Mann Educators Corp.	4,311,990
38,484	Independent Bank Corp.- Michigan	706,566
707,766	Investors Bancorp, Inc.	8,146,387
23,541	Kinsale Capital Group, Inc.	4,415,350
130,181	Live Oak Bancshares, Inc.	5,191,618
215,531	Meridian Bancorp, Inc.	3,265,295
35,290	¹ Mr. Cooper Group, Inc.	960,947
196,932	Northwest Bancshares, Inc.	2,510,883
48,307	Peapack-Gladstone Financial Corp.	1,136,181
41,539	PJT Partners, Inc.	2,865,776
277,040	ProAssurance Corp.	5,078,143
37,432	PROG Holdings, Inc.	1,766,042
146,879	QCR Holdings, Inc.	5,695,968
160,435	Selective Insurance Group, Inc.	10,425,066
41,900	TriCo Bancshares	1,562,870
88,689	¹ Triumph Bancorp, Inc.	5,085,427
3,142	¹ Trupanion, Inc.	352,532
21,310	UMB Financial Corp.	1,512,371
135,296	Waterstone Financial, Inc.	2,498,917
134,084	Western New England Bancorp, Inc.	859,479
171,039	² WisdomTree Investments, Inc.	912,493
	TOTAL	127,717,198
	Health Care—20.7%	
104,525	^{1,2} Acorda Therapeutics, Inc.	704,498
26,064	¹ AdaptHealth Corp.	997,469
66,205	^{1,4} Adeptus Health, Inc.	0
96,407	¹ Amphastar Pharmaceuticals, Inc.	1,752,679
78,125	¹ AnaptysBio, Inc.	2,025,000
118,462	¹ ANI Pharmaceuticals, Inc.	3,380,905
42,244	¹ Apellis Pharmaceuticals, Inc.	1,870,142
14,545	¹ Arrowhead Pharmaceuticals, Inc.	1,122,438
4,616	¹ Arvinas, Inc.	348,231
57,188	¹ AxoGen, Inc.	992,212
35,160	^{1,2} Beam Therapeutics, Inc.	3,390,479
37,616	¹ Blueprint Medicines Corp.	3,639,348
76,194	¹ CareDx, Inc.	5,823,507

Shares

Value

COMMON STOCKS—continued		
Health Care—continued		
47,130	¹ Castle Biosciences, Inc.	\$ 3,149,698
239,793	¹ Catalyst Pharmaceutical Partners, Inc.	872,847
18,533	¹ ChemoCentryx, Inc.	1,056,566
190,305	¹ Community Health Systems, Inc.	1,773,643
6,842	CONMED Corp.	765,620
123,235	¹ Cytomx Therapeutics, Inc.	851,554
62,853	¹ Denali Therapeutics, Inc.	4,305,430
30,258	¹ Eagle Pharmaceuticals, Inc.	1,412,141
16,017	¹ Emergent BioSolutions, Inc.	1,711,416
43,485	^{1,2} Evelo Biosciences, Inc.	763,162
23,330	¹ Fate Therapeutics, Inc.	2,114,398
19,290	¹ FibroGen, Inc.	929,392
129,377	¹ GlycoMimetics, Inc.	469,639
70,984	¹ Halozyme Therapeutics, Inc.	3,378,129
12,215	¹ Health Catalyst, Inc.	606,841
15,249	¹ Inogen, Inc.	746,134
32,880	¹ Inspire Medical Systems, Inc.	6,625,649
72,829	¹ Intellia Therapeutics, Inc.	4,560,552
148,250	¹ Ironwood Pharmaceuticals, Inc.	1,515,115
6,365	¹ Karuna Therapeutics, Inc.	631,599
10,952	¹ Keros Therapeutics, Inc.	624,812
29,359	¹ Kodiak Sciences, Inc.	3,708,335
103,522	¹ Kura Oncology, Inc.	3,100,484
90,347	^{1,2} Lannett Co., Inc.	700,189
13,841	LeMaitre Vascular, Inc.	665,198
4,428	^{1,2} Ligand Pharmaceuticals, Inc., Class B	820,730
18,288	¹ Mirati Therapeutics, Inc.	3,755,075
10,440	¹ NanoString Technologies, Inc.	731,113
22,175	¹ Natera, Inc.	2,364,742
137,024	¹ Ocular Therapeutix, Inc.	2,486,986
17,468	¹ Omniceil, Inc.	2,057,730
35,714	¹ OptimizeRX Corp.	1,612,130
26,384	¹ Organogenesis Holdings, Inc.	275,977
20,181	¹ Orthofix Medical, Inc.	815,514
19,992	Owens & Minor, Inc.	581,367
140,811	¹ Pacific Biosciences of California, Inc.	4,555,236
60,025	¹ Pacira BioSciences, Inc.	3,966,452
15,215	Patterson Cos., Inc.	482,011
39,189	¹ Pennant Group, Inc./The	2,107,193
30,754	¹ Personalis, Inc.	1,183,106
110,179	¹ Phreesia, Inc.	7,193,587
22,379	¹ Prestige Consumer Healthcare, Inc.	895,160
19,522	¹ Progyny, Inc.	913,044
7,682	¹ PTC Therapeutics, Inc.	444,173

Shares

Value

COMMON STOCKS—continued		
Health Care—continued		
113,734	¹ Puma Biotechnology, Inc.	\$ 1,335,237
40,306	¹ Relay Therapeutics, Inc.	1,998,371
194,091	¹ Select Medical Holdings Corp.	4,988,139
20,937	¹ Seres Therapeutics, Inc.	497,254
97,838	¹ Shockwave Medical, Inc.	11,353,122
134,353	¹ SI-BONE, Inc.	3,933,856
31,766	¹ SpringWorks Therapeutics, Inc.	2,646,425
21,281	¹ Stoke Therapeutics, Inc.	1,299,843
54,107	¹ Supernus Pharmaceuticals, Inc.	1,590,205
73,714	¹ Surgery Partners, Inc.	2,748,058
63,221	¹ Sutro Biopharma, Inc.	1,400,345
8,085	¹ Syneos Health, Inc.	601,120
57,961	¹ TCR2 Therapeutics, Inc.	1,491,337
25,673	¹ Tenet Healthcare Corp.	1,213,563
13,196	¹ The Joint Corp.	429,266
64,598	¹ Translate Bio, Inc.	1,542,600
145,926	¹ Travere Therapeutics, Inc.	3,684,631
34,020	¹ Turning Point Therapeutics, Inc.	4,269,170
241,136	¹ Vanda Pharmaceuticals, Inc.	3,457,890
32,653	¹ Vericel Corp.	1,347,589
114,709	¹ Vocera Communications, Inc.	5,041,461
121,584	¹ Voyager Therapeutics, Inc.	917,959
33,049	¹ Xencor, Inc.	1,511,992
15,193	¹ Y-mAbs Therapeutics, Inc.	638,258
	TOTAL	170,264,468
Industrials—15.1%		
104,758	Advanced Drainage System, Inc.	8,640,440
201,619	Apogee Enterprises, Inc.	7,076,827
26,251	ArcBest Corp.	1,216,734
325,519	¹ Astronics Corp.	4,055,967
94,219	¹ Atkore International Group, Inc.	4,179,555
118,704	¹ Atlas Air Worldwide Holdings, Inc.	6,151,241
14,427	¹ Bloom Energy Corp.	503,647
123,730	Boise Cascade Co.	5,893,260
66,154	¹ Builders Firstsource, Inc.	2,530,391
238,411	¹ CECO Environmental Corp.	1,652,188
284,514	Costamare, Inc.	2,276,112
164,541	¹ Echo Global Logistics, Inc.	4,332,365
46,464	Exponent, Inc.	3,836,997
87,771	¹ Franklin Covey Co.	2,110,893
112,128	¹ Fuelcell Energy, Inc.	2,327,777
147,169	¹ GMS, Inc.	4,266,429
69,230	¹ Great Lakes Dredge & Dock Corp.	943,605
36,625	Heidrick & Struggles International, Inc.	1,067,985

Shares

Value

COMMON STOCKS—continued		
Industrials—continued		
33,816	Helios Technologies, Inc.	\$ 1,844,663
114,917	Hillenbrand, Inc.	4,723,089
81,951	Hurco Co., Inc.	2,410,998
28,596	KAR Auction Services, Inc.	527,882
246,857	¹ Mistras Group, Inc.	1,705,782
271,687	¹ MRC Global, Inc.	1,877,357
82,537	¹ MYR Group, Inc.	4,589,883
197,808	¹ Now, Inc.	1,639,828
127,589	¹ Plug Power, Inc.	8,059,797
81,298	Powell Industries, Inc.	2,330,814
114,566	Primoris Services Corp.	3,334,443
16,420	¹ Resideo Technologies, Inc.	379,302
127,307	Rexnord Corp.	4,819,843
6,832	Tennant Co.	462,868
17,532	The Shyft Group, Inc.	529,466
191,908	¹ Titan Machinery, Inc.	4,087,640
173,766	¹ TriNet Group, Inc.	12,877,798
54,708	Triton International Ltd.	2,535,169
38,433	¹ Upwork, Inc.	1,593,048
43,391	¹ Veritiv Corp.	794,923
6,002	Werner Enterprises, Inc.	235,518
	TOTAL	124,422,524
Information Technology—15.2%		
10,926	¹ 3D Systems Corp.	388,310
26,487	¹ Ambarella, Inc.	2,499,313
79,092	Amkor Technology, Inc.	1,227,508
5,701	¹ Appian Corp.	1,245,440
144,896	¹ Avaya Holdings Corp.	3,222,487
58,105	¹ Axcelis Technologies, Inc.	1,989,515
7,451	¹ Blackline, Inc.	965,799
7,495	¹ Cerence, Inc.	838,765
69,177	Cohu, Inc.	2,814,120
173,302	¹ Commvault Systems, Inc.	10,879,900
542,003	¹ Conduent, Inc.	2,612,455
71,447	¹ Domo, Inc.	4,529,025
13,813	¹ Envestnet, Inc.	1,059,872
174,683	Evertec, Inc.	6,061,500
106,772	¹ Evo Payments, Inc.	2,451,485
45,274	¹ Exlservice Holding, Inc.	3,471,610
88,727	¹ FormFactor, Inc.	3,626,273
21,508	^{1,2} Intelligent Systems Corp.	870,859
30,035	¹ International Money Express, Inc.	428,900
61,034	¹ j2 Global, Inc.	6,264,530
163,796	¹ MA-COM Technology Solutions Holdings, Inc.	9,313,441

Shares

Value

Shares		Value
	COMMON STOCKS—continued	
	Information Technology—continued	
43,548	ManTech International Corp., Class A	\$ 3,905,820
48,434	¹ MaxLinear, Inc.	1,520,343
77,924	¹ NeoPhotonics Corp.	868,073
13,244	¹ Netgear, Inc.	548,169
16,775	¹ OSI Systems, Inc.	1,510,086
21,865	Perspecta, Inc.	632,992
62,468	Plantronics, Inc.	1,981,485
20,550	¹ Qualys, Inc.	2,845,559
6,675	¹ Rapid7, Inc.	579,524
156,425	¹ SailPoint Technologies Holding	8,651,867
136,248	¹ Secureworks Corp.	1,885,672
32,927	¹ Sitime Corp.	4,018,740
77,987	¹ SPS Commerce, Inc.	7,712,134
22,379	^{1,2} SunPower Corp.	1,208,690
166,525	^{1,2} Synchronoss Technologies, Inc.	839,286
71,511	¹ Tenable Holdings, Inc.	3,539,079
32,780	TTEC Holdings, Inc.	2,477,512
54,268	¹ Varonis Systems, Inc.	9,592,954
41,241	¹ Workiva, Inc.	4,019,760
	TOTAL	125,098,852
	Materials—4.0%	
372,278	¹ Alcoa Corp.	6,701,004
13,175	¹ Arconic Corp.	332,010
18,890	¹ Clearwater Paper Corp.	719,331
43,191	Cleveland-Cliffs, Inc.	662,550
130,790	Commercial Metals Corp.	2,575,255
140,758	Domtar, Corp.	4,218,517
58,434	Fuller (H.B.) Co.	2,973,706
14,268	Haynes International, Inc.	330,875
67,665	¹ Koppers Holdings, Inc.	2,251,891
155,575	Myers Industries, Inc.	3,119,279
131,775	O-I Glass, Inc.	1,665,636
53,805	¹ Ryerson Holding Corp.	663,954
178,898	SunCoke Energy, Inc.	881,967
114,257	Trinseo SA	5,807,684
	TOTAL	32,903,659
	Real Estate—5.3%	
38,011	CareTrust REIT, Inc.	853,727
100,602	² CorEnergy Infrastructure Trust, Inc.	906,424
87,712	Easterly Government Properties, Inc.	1,925,278
19,591	¹ eXp World Holdings, Inc.	2,088,205
489,041	Independence Realty Trust	6,494,465
8,208	² Innovative Industrial Properties, Inc.	1,535,881
50,305	LTC Properties, Inc.	1,943,785

Shares		Value
	COMMON STOCKS—continued	
	Real Estate—continued	
42,230	² Macerich Co. (The)	\$ 663,011
17,888	Physicians Realty Trust	315,365
97,502	PotlatchDeltic Corp.	4,656,696
54,884	¹ Redfin Corp.	3,908,290
240,253	RMR Group, Inc./The	8,860,531
296,791	Sabra Health Care REIT, Inc.	4,983,121
16,361	Terreno Realty Corp.	925,705
238,416	Uniti Group, Inc.	2,934,901
69,093	Whitestone Project	538,925
	TOTAL	43,534,310
	Utilities—1.7%	
7,773	Chesapeake Utilities Corp.	788,415
163,384	Clearway Energy, Inc.	4,710,361
52,824	Consolidated Water Co.	669,280
128,037	Portland General Electric Co.	5,414,685
17,401	Southwest Gas Holdings, Inc.	1,043,364
26,579	¹ Sunnova Energy International, Inc.	1,165,489
	TOTAL	13,791,594
	TOTAL COMMON STOCKS (IDENTIFIED COST \$652,653,008)	814,497,082
	INVESTMENT COMPANIES—3.1%	
10,643,650	Federated Hermes Government Obligations Fund, Premier Shares, 0.01% ⁵	10,643,650
14,821,257	Federated Hermes Institutional Prime Value Obligations Fund, Institutional Shares, 0.07% ⁵	14,824,740
	TOTAL INVESTMENT COMPANIES (IDENTIFIED COST \$25,467,648)	25,468,390
	TOTAL INVESTMENT IN SECURITIES—102.1% (IDENTIFIED COST \$678,120,656) ⁶	839,965,472
	OTHER ASSETS AND LIABILITIES - NET—(2.1)% ⁷	(16,987,996)
	TOTAL NET ASSETS—100%	\$822,977,476

An affiliated company is a company in which the Fund, alone or in combination with other funds, has ownership of at least 5% of the voting shares. Transactions with the affiliated companies during the period ended January 31, 2021, were as follows:

	Value as of 7/31/2020	Purchases at Cost*	Proceeds from Sales*
Health Care:			
Acorda Therapeutics, Inc.	\$ 394,351	\$ —	\$ —
Amphastar Pharmaceuticals, Inc.	\$ 1,702,621	\$ 229,700	\$ —
AnaptysBio, Inc.**	\$ 4,555,051	\$ —	\$ (4,728,045)
International Money Express, Inc.	\$ —	\$ 467,657	\$ —
Affiliated issuers no longer in the portfolio at period end	\$18,995,525	\$ 470,460	\$(19,175,722)
TOTAL OF AFFILIATED COMPANIES TRANSACTIONS	\$25,647,548	\$1,167,817	\$(23,903,767)

Change in Unrealized Appreciation/Depreciation*	Net Realized Gain/(Loss)*	Value as of 1/31/2021	Shares Held as of 1/31/2021	Dividend Income*
\$ 310,195	\$ (48)	\$ 704,498	104,525	\$ —
\$ (179,642)	\$ —	\$1,752,679	96,407	\$ —
\$ 543,090	\$1,654,904	\$2,025,000	78,125	\$ —
\$ (38,757)	\$ —	\$ 428,900	30,035	\$ —
\$(8,418,380)	\$8,128,117	\$ —	—	\$145,130
\$(7,783,494)	\$9,782,973	\$4,911,077	309,092	\$145,130

* A portion of the amount shown was recorded prior to the Fund having ownership of at least 5% of the voting shares.

** At January 31, 2021, the Fund no longer has ownership of at least 5% of the voting shares.

Affiliated fund holdings are investment companies which are managed by the Adviser or an affiliate of the Adviser. Transactions with the affiliated fund holdings during the period ended January 31, 2021, were as follows:

	Federated Hermes Government Obligations Fund, Premier Shares*	Federated Hermes Institutional Prime Value Obligations Fund, Institutional Shares*	Total of Affiliated Transactions
Value as of 7/31/2020	\$ 31,624,077	\$ 44,520,839	\$ 76,144,916
Purchases at Cost	\$ 76,045,416	\$ 148,226,428	\$ 224,271,844
Proceeds from Sales	\$(97,025,843)	\$(177,913,648)	\$(274,939,491)
Change in Unrealized Appreciation/Depreciation	N/A	\$ (1,436)	\$ (1,436)
Net Realized Gain/(Loss)	N/A	\$ (7,443)	\$ (7,443)
Value as of 1/31/2021	\$ 10,643,650	\$ 14,824,740	\$ 25,468,390
Shares Held as of 1/31/2021	10,643,650	14,821,257	25,464,907
Dividend Income	\$ 6,664	\$ 25,052	\$ 31,716

* All or a portion of the balance/activity for the fund relates to cash collateral received on securities lending transactions.

1 Non-income-producing security.

2 All or a portion of these securities are temporarily on loan to unaffiliated broker/dealers.

3 Denotes a restricted security that either: (a) cannot be offered for public sale without first being registered, or availing of an exemption from registration, under the Securities Act of 1933; or (b) is subject to a contractual restriction on public sales. At January 31, 2021, these restricted securities amounted to \$1,433,243, which represented 0.2% of total net assets.

4 Market quotations and price evaluations are not available. Fair value determined using significant unobservable inputs in accordance with procedures established by and under the general supervision of the Fund's Board of Trustees (the "Trustees").

5 7-day net yield.

6 Also represents cost of investments for federal tax purposes.

7 Assets, other than investments in securities, less liabilities. See Statement of Assets and Liabilities.

Note: The categories of investments are shown as a percentage of total net assets at January 31, 2021.

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

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

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

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

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

The following is a summary of the inputs used, as of January 31, 2021, in valuing the Fund's assets carried at fair value:

Valuation Inputs

	Level 1— Quoted Prices	Level 2— Other Significant Observable Inputs	Level 3— Significant Unobservable Inputs	Total
Equity Securities:				
Common Stocks				
Domestic	\$796,337,579	\$—	\$ 0	\$796,337,579
International	18,159,503	—	—	18,159,503
Investment Companies	25,468,390	—	—	25,468,390
TOTAL SECURITIES	\$839,965,472	\$—	\$ 0	\$839,965,472

The following acronym(s) are used throughout this portfolio:

PLC —Public Limited Company

REIT—Real Estate Investment Trust

See Notes which are an integral part of the Financial Statements

Financial Highlights – Class A Shares

(For a Share Outstanding Throughout Each Period)

	Six Months Ended (unaudited) 1/31/2021	Year Ended July 31,				
		2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$17.19	\$18.87	\$21.19	\$18.69	\$15.08	\$15.66
Income From Investment Operations:						
Net investment income (loss) ¹	0.02	0.04	0.01	(0.01)	(0.02)	0.03
Net realized and unrealized gain (loss)	5.76	(1.68)	(1.70)	3.38	3.78	1.02
TOTAL FROM INVESTMENT OPERATIONS	5.78	(1.64)	(1.69)	3.37	3.76	1.05
Less Distributions:						
Distributions from net investment income	(0.05)	(0.04)	—	—	—	—
Distributions from net realized gain	—	—	(0.63)	(0.87)	(0.15)	(1.63)
TOTAL DISTRIBUTIONS	(0.05)	(0.04)	(0.63)	(0.87)	(0.15)	(1.63)
Net Asset Value, End of Period	\$22.92	\$17.19	\$18.87	\$21.19	\$18.69	\$15.08
Total Return²	33.63%	(8.71)%	(7.69)%	18.49%	24.97%	7.90%
Ratios to Average Net Assets:						
Net expenses ³	1.13% ⁴	1.13%	1.13%	1.14%	1.14%	1.13%
Net investment income	0.20% ⁴	0.24%	0.07%	(0.06)%	(0.13)%	0.19%
Expense waiver/reimbursement ⁵	0.27% ⁴	0.31%	0.22%	0.37%	0.55%	1.10%
Supplemental Data:						
Net assets, end of period (000 omitted)	\$88,153	\$78,347	\$68,546	\$74,396	\$37,031	\$13,035
Portfolio turnover	67%	223%	121%	88%	91%	189%

- Per share numbers have been calculated using the average shares method.*
- Based on net asset value, which does not reflect the sales charge, redemption fee or contingent deferred sales charge, if applicable. Total returns for periods of less than one year are not annualized.*
- Amount does not reflect net expenses incurred by investment companies in which the Fund may invest.*
- Computed on an annualized basis.*
- This expense decrease is reflected in both the net expense and the net investment income (loss) ratios shown above. Amount does not reflect expense waiver/reimbursement recorded by investment companies in which the Fund may invest.*

See Notes which are an integral part of the Financial Statements

Financial Highlights – Class C Shares

(For a Share Outstanding Throughout Each Period)

	Six Months Ended (unaudited) 1/31/2021	Year Ended July 31,				
		2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$15.03	\$16.58	\$18.84	\$16.83	\$13.70	\$14.48
Income From Investment Operations:						
Net investment income (loss) ¹	(0.05)	(0.08)	(0.12)	(0.14)	(0.14)	(0.07)
Net realized and unrealized gain (loss)	5.02	(1.47)	(1.51)	3.02	3.42	0.92
TOTAL FROM INVESTMENT OPERATIONS	4.97	(1.55)	(1.63)	2.88	3.28	0.85
Less Distributions:						
Distributions from net realized gain	—	—	(0.63)	(0.87)	(0.15)	(1.63)
Net Asset Value, End of Period	\$20.00	\$15.03	\$16.58	\$18.84	\$16.83	\$13.70
Total Return²	33.07%	(9.35)%	(8.35)%	17.60%	23.98%	7.12%
Ratios to Average Net Assets:						
Net expenses ³	1.88% ⁴	1.88%	1.88%	1.89%	1.89%	1.88%
Net investment income (loss)	(0.55)% ⁴	(0.51)%	(0.69)%	(0.81)%	(0.89)%	(0.56)%
Expense waiver/reimbursement ⁵	0.21% ⁴	0.23%	0.28%	0.38%	0.57%	1.11%
Supplemental Data:						
Net assets, end of period (000 omitted)	\$25,028	\$22,720	\$28,411	\$30,072	\$15,223	\$3,422
Portfolio turnover	67%	223%	121%	88%	91%	189%

- Per share numbers have been calculated using the average shares method.*
- Based on net asset value, which does not reflect the sales charge, redemption fee or contingent deferred sales charge, if applicable. Total returns for periods of less than one year are not annualized.*
- Amount does not reflect net expenses incurred by investment companies in which the Fund may invest.*
- Computed on an annualized basis.*
- This expense decrease is reflected in both the net expense and the net investment income (loss) ratios shown above. Amount does not reflect expense waiver/reimbursement recorded by investment companies in which the Fund may invest.*

See Notes which are an integral part of the Financial Statements

Financial Highlights – Institutional Shares

(For a Share Outstanding Throughout Each Period)

	Six Months Ended (unaudited) 1/31/2021	Year Ended July 31,				
		2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$17.87	\$19.59	\$21.94	\$19.30	\$15.54	\$16.04
Income From Investment Operations:						
Net investment income (loss) ¹	0.05	0.09	0.06	0.03	0.02	0.06
Net realized and unrealized gain (loss)	5.97	(1.74)	(1.76)	3.50	3.90	1.07
TOTAL FROM INVESTMENT OPERATIONS	6.02	(1.65)	(1.70)	3.53	3.92	1.13
Less Distributions:						
Distributions from net investment income	(0.10)	(0.07)	(0.02)	(0.02)	—	—
Distributions from net realized gain	—	—	(0.63)	(0.87)	(0.16)	(1.63)
TOTAL DISTRIBUTIONS	(0.10)	(0.07)	(0.65)	(0.89)	(0.16)	(1.63)
Net Asset Value, End of Period	\$23.79	\$17.87	\$19.59	\$21.94	\$19.30	\$15.54
Total Return²	33.71%	(8.45)%	(7.45)%	18.78%	25.24%	8.24%

Ratios to Average Net Assets:

Net expenses ³	0.88% ⁴	0.88%	0.88%	0.89%	0.89%	0.88%
Net investment income	0.44% ⁴	0.49%	0.31%	0.13%	0.10%	0.43%
Expense waiver/reimbursement ⁵	0.17% ⁴	0.18%	0.22%	0.34%	0.53%	1.11%

Supplemental Data:

Net assets, end of period (000 omitted)	\$660,452	\$574,041	\$842,221	\$708,805	\$179,219	\$24,529
Portfolio turnover	67%	223%	121%	88%	91%	189%

- Per share numbers have been calculated using the average shares method.*
- Based on net asset value. Total returns for periods of less than one year are not annualized.*
- Amount does not reflect net expenses incurred by investment companies in which the Fund may invest.*
- Computed on an annualized basis.*
- This expense decrease is reflected in both the net expense and the net investment income (loss) ratios shown above. Amount does not reflect expense waiver/reimbursement recorded by investment companies in which the Fund may invest.*

See Notes which are an integral part of the Financial Statements

Financial Highlights – Class R6 Shares

(For a Share Outstanding Throughout Each Period)

	Six Months Ended (unaudited) 1/31/2021	Year Ended July 31,				Period Ended 7/31/2016 ¹
		2020	2019	2018	2017	
Net Asset Value, Beginning of Period	\$17.87	\$19.59	\$21.94	\$19.30	\$15.54	\$13.88
Income From Investment Operations:						
Net investment income (loss) ²	0.05	0.09	0.06	0.02	0.01	(0.01)
Net realized and unrealized gain (loss)	5.98	(1.74)	(1.76)	3.51	3.91	1.67
TOTAL FROM INVESTMENT OPERATIONS	6.03	(1.65)	(1.70)	3.53	3.92	1.66
Less Distributions:						
Distributions from net investment income	(0.10)	(0.07)	(0.02)	(0.02)	—	—
Distributions from net realized gain	—	—	(0.63)	(0.87)	(0.16)	—
TOTAL DISTRIBUTIONS	(0.10)	(0.07)	(0.65)	(0.89)	(0.16)	—
Net Asset Value, End of Period	\$23.80	\$17.87	\$19.59	\$21.94	\$19.30	\$15.54
Total Return³	33.77%	(8.44)%	(7.45)%	18.78%	25.24%	11.96%
Ratios to Average Net Assets:						
Net expenses ⁴	0.87% ⁵	0.87%	0.87%	0.88%	0.88%	0.87% ⁵
Net investment income (loss)	0.48% ⁵	0.49%	0.32%	0.08%	0.04%	(0.04)% ⁵
Expense waiver/reimbursement ⁶	0.09% ⁵	0.08%	0.12%	0.26%	0.41%	0.97% ⁵
Supplemental Data:						
Net assets, end of period (000 omitted)	\$49,345	\$47,631	\$33,753	\$13,374	\$1,017	\$0 ⁷
Portfolio turnover	67%	223%	121%	88%	91%	189% ⁸

- 1 Reflects operations for the period from June 29, 2016 (date of initial investment) to July 31, 2016.
- 2 Per share numbers have been calculated using the average shares method.
- 3 Based on net asset value. Total returns for periods of less than one year are not annualized.
- 4 Amount does not reflect net expenses incurred by investment companies in which the Fund may invest.
- 5 Computed on an annualized basis.
- 6 This expense decrease is reflected in both the net expense and the net investment income (loss) ratios shown above. Amount does not reflect expense waiver/reimbursement recorded by investment companies in which the Fund may invest.
- 7 Represents less than \$1,000.
- 8 Portfolio turnover is calculated at the Fund level. Percentage indicated was calculated for the year ended July 31, 2016.

See Notes which are an integral part of the Financial Statements

Statement of Assets and Liabilities

January 31, 2021 (unaudited)

Assets:

Investment in securities, at value including \$13,370,559 of securities loaned and \$25,468,390 of investment in affiliated holdings and \$4,911,077 of investment in affiliated companies* (identified cost \$678,120,656)	\$839,965,472
Cash	459,758
Income receivable	275,350
Income receivable from affiliated holdings	774
Receivable for shares sold	1,309,266
TOTAL ASSETS	842,010,620

Liabilities:

Payable for investments purchased	459,723
Payable for shares redeemed	4,105,192
Payable for collateral due to broker for securities lending	14,063,650
Payable for investment adviser fee (Note 5)	50,286
Payable for administrative fee (Note 5)	5,419
Payable for distribution services fee (Note 5)	16,695
Payable for other service fees (Notes 2 and 5)	45,889
Accrued expenses (Note 5)	286,290
TOTAL LIABILITIES	19,033,144
Net assets for 34,927,105 shares outstanding	\$822,977,476

Net Assets Consist of:

Paid-in capital	\$671,333,131
Total distributable earnings (loss)	151,644,345
TOTAL NET ASSETS	\$822,977,476

Statement of Assets and Liabilities – continued

Net Asset Value, Offering Price and Redemption Proceeds Per Share:

Class A Shares:

Net asset value per share ($\$88,152,582 \div 3,846,161$ shares outstanding), no par value, unlimited shares authorized	\$ 22.92
Offering price per share (100/94.50 of \$22.92)	\$ 24.25
Redemption proceeds per share	\$ 22.92

Class C Shares:

Net asset value per share ($\$25,027,543 \div 1,251,497$ shares outstanding), no par value, unlimited shares authorized	\$ 20.00
Offering price per share	\$ 20.00
Redemption proceeds per share (99.00/100 of \$20.00)	\$ 19.80

Institutional Shares:

Net asset value per share ($\$660,451,896 \div 27,756,293$ shares outstanding), no par value, unlimited shares authorized	\$ 23.79
Offering price per share	\$ 23.79
Redemption proceeds per share	\$ 23.79

Class R6 Shares:

Net asset value per share ($\$49,345,455 \div 2,073,154$ shares outstanding), no par value, unlimited shares authorized	\$ 23.80
Offering price per share	\$ 23.80
Redemption proceeds per share	\$ 23.80

* See information listed after the Fund's Portfolio of Investments.

See Notes which are an integral part of the Financial Statements

Statement of Operations

Six Months Ended January 31, 2021 (unaudited)

Investment Income:

Dividends (including \$153,447 received from affiliated companies and holdings* and net of foreign taxes withheld of \$5,797)	\$ 4,798,386
Net income on securities loaned (includes \$23,399 earned from affiliated holdings* related to cash collateral balances) (Note 2)	244,037
TOTAL INCOME	5,042,423

Expenses:

Investment adviser fee (Note 5)	3,035,496
Administrative fee (Note 5)	296,644
Custodian fees	64,196
Transfer agent fees (Note 2)	438,430
Directors'/Trustees' fees (Note 5)	2,335
Auditing fees	17,079
Legal fees	5,049
Portfolio accounting fees	73,995
Distribution services fee (Note 5)	87,429
Other service fees (Notes 2 and 5)	132,467
Share registration costs	43,937
Printing and postage	41,090
Miscellaneous (Note 5)	19,462
TOTAL EXPENSES	4,257,609

Waiver and Reimbursement:

Waiver/reimbursement of investment adviser fee (Note 5)	(340,906)
Waiver/reimbursement of other operating expenses (Notes 2 and 5)	(339,114)
TOTAL WAIVER AND REIMBURSEMENT	(680,020)
Net expenses	3,577,589
Net investment income	1,464,834

Realized and Unrealized Gain (Loss) on Investments:

Net realized gain on investments (including net realized gain of \$9,775,530 on sales of investments in affiliated companies and holdings*)	107,726,415
Net change in unrealized appreciation of investments (including net change in unrealized appreciation of \$(7,784,930) of investments in affiliated companies and holdings*)	108,584,101
Net realized and unrealized gain (loss) on investments	216,310,516
Change in net assets resulting from operations	\$217,775,350

* See information listed after the Fund's Portfolio of Investments.

See Notes which are an integral part of the Financial Statements

Statement of Changes in Net Assets

	Six Months Ended (unaudited) 1/31/2021	Year Ended 7/31/2020
Increase (Decrease) in Net Assets		
Operations:		
Net investment income (loss)	\$ 1,464,834	\$ 3,688,491
Net realized gain (loss)	107,726,415	(93,227,069)
Net change in unrealized appreciation/depreciation	108,584,101	(25,083,286)
CHANGE IN NET ASSETS RESULTING FROM OPERATIONS	217,775,350	(114,621,864)
Distributions to Shareholders:		
Class A Shares	(196,391)	(241,559)
Institutional Shares	(2,867,383)	(3,139,873)
Class R6 Shares	(226,555)	(217,595)
CHANGE IN NET ASSETS RESULTING FROM DISTRIBUTIONS TO SHAREHOLDERS	(3,290,329)	(3,599,027)
Share Transactions:		
Proceeds from sale of shares	85,669,244	332,219,364
Proceeds from shares issued in connection with the tax-free transfer of assets from the Acquired Funds	—	244,171,911
Net asset value of shares issued to shareholders in payment of distributions declared	2,877,418	3,176,105
Cost of shares redeemed	(202,792,583)	(711,539,671)
CHANGE IN NET ASSETS RESULTING FROM SHARE TRANSACTIONS	(114,245,921)	(131,972,291)
Change in net assets	100,239,100	(250,193,182)
Net Assets:		
Beginning of period	722,738,376	972,931,558
End of period	\$ 822,977,476	\$ 722,738,376

See Notes which are an integral part of the Financial Statements

Notes to Financial Statements

January 31, 2021 (unaudited)

1. ORGANIZATION

Federated Hermes MDT Series (the "Trust") is registered under the Investment Company Act of 1940, as amended (the "Act"), as an open-end management investment company. The Trust consists of five portfolios. The financial statements included herein are only those of Federated Hermes MDT Small Cap Core Fund (the "Fund"), a diversified portfolio. The financial statements of the other portfolios are presented separately. The assets of each portfolio are segregated and a shareholder's interest is limited to the portfolio in which shares are held. Each portfolio pays its own expenses. The Fund offers four classes of shares: Class A Shares, Class C Shares, Institutional Shares and Class R6 Shares. All shares of the Fund have equal rights with respect to voting, except on class-specific matters. The investment objective of the Fund is long-term capital appreciation.

On November 15, 2019, the Fund acquired all of the net assets of PNC Multi-Factor Small Cap Core Fund, PNC Multi-Factor Small Cap Value Fund, and PNC Small Cap Fund (each an "Acquired Fund" or collectively, the "Acquired Funds"), each an open-end investment company, in a tax-free reorganization in exchange for shares of the Fund, pursuant to a plan of reorganization approved by each Acquired Funds' shareholders on November 5, 2019. The purpose of the transaction was to combine portfolios with comparable investment objectives and strategies. For financial reporting purposes, assets received and shares issued by the Fund were recorded at fair value; however, the cost basis of the investments received from the Acquired Funds was carried forward to align ongoing reporting of the Fund's realized gains and losses with amounts distributable to shareholders for tax purposes.

For every one share of the Acquired Fund Share Class exchanged, a shareholder received the following shares of the Fund:

PNC Fund	Share Class Exchanged	Fund Shares Received
Multi-Factor Small Cap Core Fund	A	1.172 Class A Shares
	C	1.333 Class C Shares
	I	1.137 Institutional Shares
	R6	1.135 Institutional Shares
Multi-Factor Small Cap Value Fund	A	1.042 Class A Shares
	C	1.039 Class C Shares
	I	1.102 Institutional Shares
Small Cap Fund	A	0.494 Class A Shares
	C	0.391 Class C Shares
	I	0.529 Institutional Shares

The Fund received net assets from the Acquired Funds as the result of the tax-free reorganization as follows:

Shares of the Fund Issued	Acquired Funds' Net Assets Received	Unrealized Appreciation ¹	Net Assets of the Fund Immediately Prior to Combination	Net Assets of the Fund Immediately After Combination
12,798,626	\$244,171,911	\$71,610,835	\$881,235,561	\$1,125,407,472

1 Unrealized Appreciation is included in the Net Assets Received amount shown above.

Assuming the acquisition had been completed on August 1, 2019, the beginning of the annual reporting period of the Fund, the Fund's pro forma results of operations for the year ended July 31, 2020, were as follows:

Net investment income	\$ 4,044,354
Net realized and unrealized gain (loss) on investments	(123,022,814)
Net decrease in net assets resulting from operations	\$(118,978,460)

Because the combined investment portfolios have been managed as a single integrated portfolio since the acquisition was completed, it is not practicable to separate the earnings of the Acquired Funds that have been included in the Fund's Statement of Changes in Net Assets as of July 31, 2020.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies consistently followed by the Fund in the preparation of its financial statements. These policies are in conformity with U.S. generally accepted accounting principles (GAAP).

Investment Valuation

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

- Equity securities listed on an exchange or traded through a regulated market system are valued at their last reported sale price or official closing price in their principal exchange or market.
- Shares of other mutual funds or non-exchange-traded investment companies are valued based upon their reported NAVs.
- Fixed-income securities are fair valued using price evaluations provided by a pricing service approved by the Trustees.
- Derivative contracts listed on exchanges are valued at their reported settlement or closing price, except that options are valued at the mean of closing bid and asked quotations.
- Over-the-counter (OTC) derivative contracts are fair valued using price evaluations provided by a pricing service approved by the Trustees.
- For securities that are fair valued in accordance with procedures established by and under the general supervision of the Trustees, certain factors may be considered, such as: the last traded or purchase price of the security, information obtained by contacting the issuer or dealers, analysis of the issuer's financial statements or other available documents, fundamental analytical data, the nature and duration of restrictions on disposition, the movement of the market in which the security is

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

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

Fair Valuation Procedures

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

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

Repurchase Agreements

The Fund may invest in repurchase agreements for short-term liquidity purposes. It is the policy of the Fund to require the other party to a repurchase agreement to transfer to the Fund's custodian or sub-custodian eligible securities or cash with a market value (after transaction costs) at least equal to the repurchase price to be paid under the repurchase agreement. The eligible securities are transferred to accounts with the custodian or sub-custodian in which the Fund holds a "securities entitlement" and exercises "control" as those terms are defined in the Uniform Commercial Code. The Fund has established procedures for monitoring the market value of the transferred securities and requiring the transfer of additional eligible securities if necessary to equal at least the repurchase price. These procedures also allow the other party to require securities to be transferred from the account to the extent that their market value exceeds the repurchase price or in exchange for other eligible securities of equivalent market value.

The insolvency of the other party or other failure to repurchase the securities may delay the disposition of the underlying securities or cause the Fund to receive less than the full repurchase price. Under the terms of the repurchase agreement, any amounts received by the Fund in excess of the repurchase price and related transaction costs must be remitted to the other party.

The Fund may enter into repurchase agreements in which eligible securities are transferred into joint trading accounts maintained by the custodian or sub-custodian for investment companies and other clients advised by the Fund's Adviser and its affiliates. The Fund will participate on a pro rata basis with the other investment companies and clients in its share of the securities transferred under such repurchase agreements and in its share of proceeds from any repurchase or other disposition of such securities.

Investment Income, Gains and Losses, Expenses and Distributions

Investment transactions are accounted for on a trade-date basis. Realized gains and losses from investment transactions are recorded on an identified-cost basis. Interest income and expenses are accrued daily. Dividend income and distributions to shareholders are recorded on the ex-dividend date. Foreign dividends are recorded on the ex-dividend date or when the Fund is informed of the ex-dividend date.

Distributions of net investment income, if any, are declared and paid annually. Non-cash dividends included in dividend income, if any, are recorded at fair value. Amortization/ accretion of premium and discount is included in investment income. Investment income, realized and unrealized gains and losses, and certain fund-level expenses are allocated to each class based on relative average daily net assets, except that select classes will bear certain expenses unique to those classes. The detail of the total fund expense waiver and reimbursements of \$680,020 is disclosed in this Note 2 and Note 5. For the six months ended January 31, 2021, transfer agent fees for the Fund were as follows:

	Transfer Agent Fees Incurred	Transfer Agent Fees Reimbursed
Class A Shares	\$ 89,913	\$ (77,779)
Class C Shares	18,471	(13,889)
Institutional Shares	325,946	(247,446)
Class R6 Shares	4,100	—
TOTAL	\$438,430	\$(339,114)

Dividends are declared separately for each class. No class has preferential dividend rights; differences in per share dividend rates are generally due to differences in separate class expenses.

Other Service Fees

The Fund may pay other service fees up to 0.25% of the average daily net assets of the Fund's Class A Shares and Class C Shares to unaffiliated financial intermediaries or to Federated Shareholder Services Company (FSSC) for providing services to shareholders and maintaining shareholder accounts. Subject to the terms described in the Expense Limitation note, FSSC may voluntarily reimburse the Fund for other service fees. For the six months ended January 31, 2021, other service fees for the Fund were as follows:

	Other Service Fees Incurred
Class A Shares	\$104,855
Class C Shares	27,612
TOTAL	\$132,467

Federal Taxes

It is the Fund's policy to comply with the Subchapter M provision of the Internal Revenue Code (the "Code") and to distribute to shareholders each year substantially all of its income. Accordingly, no provision for federal income tax is necessary. As of and during the six months ended January 31, 2021, the Fund did not have a liability for any uncertain tax positions. The Fund recognizes interest and penalties, if any, related to tax liabilities as income tax expense in the Statement of Operations. As of January 31, 2021, tax years 2017 through 2020 remain subject to examination by the Fund's major tax jurisdictions, which include the United States of America and the Commonwealth of Massachusetts.

The Fund may be subject to taxes imposed by governments of countries in which it invests. Such taxes are generally based on either income or gains earned or repatriated. The Fund accrues and applies such taxes to net investment income, net realized gains and net unrealized gains as income and/or gains are earned.

When-Issued and Delayed-Delivery Transactions

The Fund may engage in when-issued or delayed-delivery transactions. The Fund records when-issued securities on the trade date and maintains security positions such that sufficient liquid assets will be available to make payment for the securities purchased. Securities purchased on a when-issued or delayed-delivery basis are marked to market daily and begin earning interest on the settlement date. Losses may occur on these transactions due to changes in market conditions or the failure of counterparties to perform under the contract.

Securities Lending

The Fund participates in a securities lending program providing for the lending of equity securities to qualified brokers. The term of the loans within the program is one year or less. The Fund normally receives cash collateral for securities loaned that may be invested in affiliated money market funds, other money market instruments and/or repurchase agreements. Investments in money market funds may include funds with a "floating" NAV that can impose redemption fees and liquidity gates, impose certain operational impediments to investing cash collateral, and, if the investee fund's NAV

decreases, result in the Fund recognizing losses and being required to cover the decrease in the value of the cash collateral. Collateral is maintained at a minimum level of 100% of the market value of investments loaned, plus interest, if applicable. In accordance with the Fund's securities lending agreement, the market value of securities on loan is determined each day at the close of business and any additional collateral required to cover the value of securities on loan is delivered to the Fund on the next business day. Earnings on collateral are allocated between the borrower of the security, the securities lending agent, as a fee for its services under the program and the Fund, according to agreed-upon rates. The Fund will not have the right to vote on securities while they are on loan. However, the Fund will attempt to terminate a loan in an effort to reacquire the securities in time to vote on matters that are deemed to be material by the Adviser. There can be no assurance that the Fund will have sufficient notice of such matters to be able to terminate the loan in time to vote thereon.

Securities lending transactions are subject to Master Netting Agreements which are agreements between the Fund and its counterparties that provide for the net settlement of all transactions and collateral with the Fund, through a single payment, in the event of default or termination. Amounts presented on the Portfolio of Investments and Statement of Assets and Liabilities are not net settlement amounts but gross. As indicated below, the cash collateral received by the Fund exceeds the market value of the securities loaned reducing the net settlement amount to zero. The chart below identifies the amount of collateral received as well as the market value of securities on loan. Additionally, the securities lending agreement executed by the Fund includes an indemnification clause. This clause stipulates that the borrower will reimburse the Fund for any losses as a result of any failure of the borrower to return equivalent securities to the Fund.

As of January 31, 2021, securities subject to this type of arrangement and related collateral were as follows:

Market Value of Securities Loaned	Collateral Received
\$13,370,559	\$14,063,650

Other

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts of assets, liabilities, expenses and revenues reported in the financial statements. Actual results could differ materially from those estimated. The Fund applies investment company accounting and reporting guidance.

3. SHARES OF BENEFICIAL INTEREST

The following tables summarize share activity:

Class A Shares:	Six Months Ended 1/31/2021		Year Ended 7/31/2020	
	Shares	Amount	Shares	Amount
Shares sold	266,587	\$ 5,232,286	1,048,052	\$ 17,685,551
Proceeds from shares issued in connection with the tax-free transfer of assets from the Acquired Funds	—	—	3,213,962	59,940,394
Shares issued to shareholders in payment of distributions declared	7,630	172,214	11,235	216,722
Shares redeemed	(984,709)	(19,987,247)	(3,349,156)	(57,418,270)
NET CHANGE RESULTING FROM CLASS A SHARE TRANSACTIONS	(710,492)	\$ (14,582,747)	924,093	\$ 20,424,397

Class C Shares:	Six Months Ended 1/31/2021		Year Ended 7/31/2020	
	Shares	Amount	Shares	Amount
Shares sold	59,732	\$ 1,056,764	212,811	\$ 3,235,458
Proceeds from shares issued in connection with the tax-free transfer of assets from the Acquired Funds	—	—	474,115	7,751,772
Shares issued to shareholders in payment of distributions declared	—	—	—	—
Shares redeemed	(320,220)	(5,301,696)	(888,543)	(13,324,178)
NET CHANGE RESULTING FROM CLASS C SHARE TRANSACTIONS	(260,488)	\$ (4,244,932)	(201,617)	\$ (2,336,948)

Institutional Shares:	Six Months Ended 1/31/2021		Year Ended 7/31/2020	
	Shares	Amount	Shares	Amount
Shares sold	3,411,903	\$ 73,343,555	16,340,991	\$ 281,920,986
Proceeds from shares issued in connection with the tax-free transfer of assets from the Acquired Funds	—	—	8,269,174	160,173,907
Shares issued to shareholders in payment of distributions declared	107,874	2,526,411	140,423	2,809,864
Shares redeemed	(7,893,204)	(158,643,709)	(35,614,006)	(613,866,572)
NET CHANGE RESULTING FROM INSTITUTIONAL SHARE TRANSACTIONS	(4,373,427)	\$ (82,773,743)	(10,863,418)	\$(168,961,815)

Class R6 Shares:	Six Months Ended 1/31/2021		Year Ended 7/31/2020	
	Shares	Amount	Shares	Amount
Shares sold	304,802	\$ 6,036,639	1,624,311	\$ 29,377,369
Proceeds from shares issued in connection with the tax-free transfer of assets from the Acquired Funds	—	—	841,375	16,305,838
Shares issued to shareholders in payment of distributions declared	7,631	178,793	7,469	149,519
Shares redeemed	(904,349)	(18,859,931)	(1,530,700)	(26,930,651)
NET CHANGE RESULTING FROM CLASS R6 SHARE TRANSACTIONS	(591,916)	\$ (12,644,499)	942,455	\$ 18,902,075
NET CHANGE RESULTING FROM TOTAL FUND SHARE TRANSACTIONS	(5,936,323)	\$(114,245,921)	(9,198,487)	\$(131,972,291)

4. FEDERAL TAX INFORMATION

At January 31, 2021, the cost of investments for federal tax purposes was \$678,120,656. The net unrealized appreciation of investments for federal tax purposes was \$161,844,816. This consists of net unrealized appreciation from investments for those securities having an excess of value over cost of \$183,621,536 and net unrealized depreciation from investments for those securities having an excess of cost over value of \$21,776,720.

As of July 31, 2020, the Fund had a capital loss carryforward of \$87,130,477 which will reduce the Fund's taxable income arising from future net realized gains on investments, if any, to the extent permitted by the Code, thereby reducing the amount of distributions to shareholders which would otherwise be necessary to relieve the Fund of any liability for federal income tax. Pursuant to the Code, these net capital losses retain their character as either short-term or long-term and do not expire.

The following schedule summarizes the Fund's capital loss carryforwards:

Short-Term	Long-Term	Total
\$71,706,011	\$15,424,466	\$87,130,477

5. INVESTMENT ADVISER FEE AND OTHER TRANSACTIONS WITH AFFILIATES

Investment Adviser Fee

The advisory agreement between the Fund and the Adviser provides for an annual fee equal to 0.80% of the Fund's average daily net assets. Subject to the terms described in the Expense Limitation note, the Adviser may voluntarily choose to waive any portion of its fee and/or reimburse certain operating expenses of the Fund. For the six months ended January 31, 2021, the Adviser voluntarily waived \$324,648 of its fee and voluntarily reimbursed \$339,114 of transfer agent fees. The Adviser has agreed to reimburse the Fund for certain investment adviser fees as a result of transactions in other affiliated investment companies. For the six months ended January 31, 2021, the Adviser reimbursed \$16,258.

Administrative Fee

Federated Administrative Services (FAS), under the Administrative Services Agreement, provides the Fund with administrative personnel and services. For purposes of determining the appropriate rate breakpoint, "Investment Complex" is defined as all of the Federated Hermes Funds subject to a fee under the Administrative Services Agreement. The fee paid to FAS is based on the average daily net assets of the Investment Complex as specified below:

Administrative Fee	Average Daily Net Assets of the Investment Complex
0.100%	on assets up to \$50 billion
0.075%	on assets over \$50 billion

Subject to the terms described in the Expense Limitation note, FAS may voluntarily choose to waive any portion of its fee. For the six months ended January 31, 2021, the annualized fee paid to FAS was 0.078% of average daily net assets of the Fund.

In addition, FAS may charge certain out-of-pocket expenses to the Fund.

Distribution Services Fee

The Fund has adopted a Distribution Plan (the "Plan") pursuant to Rule 12b-1 under the Act. Under the terms of the Plan, the Fund will compensate Federated Securities Corp. (FSC), the principal distributor, from the daily net assets of the Fund's Class A Shares and Class C Shares to finance activities intended to result in the sale of these shares. The Plan provides that the Fund may incur distribution expenses at the following percentages of average daily net assets annually, to compensate FSC:

	Percentage of Average Daily Net Assets of Class
Class A Shares	0.05%
Class C Shares	0.75%

Subject to the terms described in the Expense Limitation note, FSC may voluntarily choose to waive any portion of its fee. For the six months ended January 31, 2021, distribution services fees for the Fund were as follows:

	Distribution Services Fees Incurred
Class C Shares	\$87,429

When FSC receives fees, it may pay some or all of them to financial intermediaries whose customers purchase shares. For the six months ended January 31, 2021, FSC retained \$13,115 of fees paid by the Fund. For the six months ended January 31, 2021, the Class A Shares did not incur a distribution services fee; however, it may begin to incur this fee upon approval of the Trustees.

Sales Charges

Front-end sales charges and contingent deferred sales charges (CDSC) do not represent expenses of the Fund. They are deducted from the proceeds of sales of Fund shares prior to investment or from redemption proceeds prior to remittance, as applicable. For the six months ended January 31, 2021, FSC retained \$1,334 in sales charges from the sale of Class A Shares. FSC also retained \$6,183 of CDSC relating to redemptions of Class A Shares and \$827 relating to redemptions of Class C Shares, respectively.

Other Service Fees

For the six months ended January 31, 2021, FSSC received \$1,375 of the other service fees disclosed in Note 2.

Expense Limitation

The Adviser and certain of its affiliates (which may include FSC, FAS and FSSC) on their own initiative have agreed to waive certain amounts of their respective fees and/or reimburse expenses. Total annual fund operating expenses (as shown in the financial highlights, excluding interest expense, extraordinary expenses and proxy-related expenses paid by the Fund, if any) paid by the Fund's Class A Shares, Class C Shares, Institutional Shares and Class R6 Shares (after the voluntary waivers and/or reimbursements) will not exceed 1.13%, 1.88%, 0.88% and 0.87% (the "Fee Limit"), respectively, up to but not including the later of (the "Termination Date"):

(a) October 1, 2021; or (b) the date of the Fund's next effective Prospectus. While the Adviser and its applicable affiliates currently do not anticipate terminating or increasing these arrangements prior to the Termination Date, these arrangements may only be terminated or the Fee Limit increased prior to the Termination Date with the agreement of the Trustees.

Directors'/Trustees' and Miscellaneous Fees

Certain Officers and Trustees of the Fund are Officers and Directors or Trustees of certain of the above companies. To efficiently facilitate payment, Independent Directors'/Trustees' fees and certain expenses related to conducting meetings of the Directors/Trustees and other miscellaneous expenses are paid by an affiliate of the Adviser which in due course are reimbursed by the Fund. These expenses related to conducting meetings of the Directors/Trustees and other miscellaneous expenses may be included in Accrued and Miscellaneous Expenses on the Statement of Assets and Liabilities and Statement of Operations, respectively.

6. INVESTMENT TRANSACTIONS

Purchases and sales of investments, excluding long-term U.S. government securities and short-term obligations, for the six months ended January 31, 2021, were as follows:

Purchases	\$485,514,899
Sales	\$604,577,434

7. LINE OF CREDIT

The Fund participates with certain other Federated Hermes Funds, on a several basis, in an up to \$500,000,000 unsecured, 364-day, committed, revolving line of credit (LOC) agreement dated June 24, 2020. The LOC was made available to temporarily finance the repurchase or redemption of shares of the Fund, failed trades, payment of dividends, settlement of trades and for other short-term, temporary or emergency

general business purposes. The Fund cannot borrow under the LOC if an inter-fund loan is outstanding. The Fund's ability to borrow under the LOC also is subject to the limitations of the Act and various conditions precedent that must be satisfied before the Fund can borrow. Loans under the LOC are charged interest at a fluctuating rate per annum equal to the highest, on any day, of (a) (i) the federal funds effective rate, (ii) the one month London Interbank Offered Rate (LIBOR), or a replacement rate as appropriate, and (iii) 0.0%, plus (b) a margin. Any fund eligible to borrow under the LOC pays its pro rata share of an upfront fee, and its pro rata share of a commitment fee based on the amount of the lenders' commitment that has not been utilized, quarterly in arrears and at maturity. As of January 31, 2021, the Fund had no outstanding loans. During the six months ended January 31, 2021, the Fund did not utilize the LOC.

8. INTERFUND LENDING

Pursuant to an Exemptive Order issued by the Securities and Exchange Commission, the Fund, along with other funds advised by subsidiaries of Federated Hermes, Inc., may participate in an interfund lending program. This program provides an alternative credit facility allowing the Fund to borrow from other participating affiliated funds. As of January 31, 2021, there were no outstanding loans. During the six months ended January 31, 2021, the program was not utilized.

9. OTHER MATTERS

An outbreak of respiratory disease caused by a novel coronavirus was first detected in China in late 2019 and subsequently spread globally. As of the date of the issuance of these financial statements, this coronavirus has resulted in closing borders, enhanced health screenings, healthcare service preparation and delivery, quarantines, cancellations, and disruptions to supply chains, workflow operations and consumer activity, as well as general concern and uncertainty. The impact of this coronavirus may be short-term or may last for an extended period of time and has resulted in a substantial economic downturn. Health crises caused by outbreaks, such as the coronavirus outbreak, may exacerbate other pre-existing political, social and economic risks. The impact of this outbreak, and other epidemics and pandemics that may arise in the future, could continue to negatively affect the worldwide economy, as well as the economies of individual countries, individual companies (including certain Fund service providers and issuers of the Fund's investments) and the markets in general in significant and unforeseen ways. Any such impact could adversely affect the Fund's performance.

Shareholder Expense Example (unaudited)

As a shareholder of the Fund, you incur two types of costs: (1) transaction costs, including sales charges (loads) on purchase or redemption payments; and (2) ongoing costs, including management fees and to the extent applicable, distribution (12b-1) fees and/or other service fees and other Fund expenses. This Example is intended to help you to understand your ongoing costs (in dollars) of investing in the Fund and to compare these costs with the ongoing costs of investing in other mutual funds. It is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period from August 1, 2020 to January 31, 2021.

ACTUAL EXPENSES

The first section of the table below provides information about actual account values and actual expenses. You may use the information in this section, together with the amount you invested, to *estimate* the expenses that you incurred over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the first section under the heading entitled “Expenses Paid During Period” to estimate the expenses attributable to your investment during this period.

HYPOTHETICAL EXAMPLE FOR COMPARISON PURPOSES

The second section of the table below provides information about hypothetical account values and hypothetical expenses based on the Fund’s actual expense ratio and an *assumed* rate of return of 5% per year before expenses, which is not the Fund’s actual return. Thus, you should *not* use the hypothetical account values and expenses to estimate the actual ending account balance or your expenses for the period. Rather, these figures are required to be provided to enable you to compare the ongoing costs of investing in the Fund with other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as sales charges (loads) on purchase or redemption payments. Therefore, the second section of the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

	Beginning Account Value 8/1/2020	Ending Account Value 1/31/2021	Expenses Paid During Period
Actual:			
Class A Shares	\$1,000	\$1,336.30	\$ 6.65
Class C Shares	\$1,000	\$1,330.70	\$11.04
Institutional Shares	\$1,000	\$1,337.10	\$ 5.18
Class R6 Shares	\$1,000	\$1,337.70	\$ 5.13
Hypothetical (assuming a 5% return before expenses):			
Class A Shares	\$1,000	\$1,019.51	\$ 5.75
Class C Shares	\$1,000	\$1,015.73	\$ 9.55
Institutional Shares	\$1,000	\$1,020.77	\$ 4.48
Class R6 Shares	\$1,000	\$1,020.82	\$ 4.43

1 Expenses are equal to the Fund's annualized net expense ratios, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half-year period). The annualized net expense ratios are as follows:

Class A Shares	1.13%
Class C Shares	1.88%
Institutional Shares	0.88%
Class R6 Shares	0.87%

Evaluation and Approval of Advisory Contract – May 2020

FEDERATED MDT SMALL CAP CORE FUND (THE “FUND”)

(EFFECTIVE CLOSE OF BUSINESS ON JUNE 26, 2020, THE FUND’S NAME CHANGED TO FEDERATED HERMES MDT SMALL CAP CORE FUND)

At its meetings in May 2020 (the “May Meetings”), the Fund’s Board of Trustees (the “Board”), including a majority of those Trustees who are not “interested persons” of the Fund, as defined in the Investment Company Act of 1940 (the “Independent Trustees”), reviewed and unanimously approved the continuation of the investment advisory contract between the Fund and Federated MDTA LLC (the “Adviser”) with respect to the Fund (the “Contract”) for an additional one-year term. The Board’s determination to approve the continuation of the Contract reflects the exercise of its business judgment after considering all of the information and factors believed to be relevant and appropriate on whether to continue the existing arrangements. The information, factors and conclusions that formed the basis for the Board’s approval are summarized below.

Information Received and Review Process

At the request of the Independent Trustees, the Fund’s Chief Compliance Officer (the “CCO”) furnished to the Board in advance of its May Meetings an independent written evaluation presenting on the topics discussed below. The Board considered the CCO’s independent written evaluation (the “CCO Fee Evaluation Report”), along with other information, in evaluating the reasonableness of the Fund’s management fee and in determining to approve the continuation of the Contract. The CCO, in preparing the CCO Fee Evaluation Report, has the authority to retain consultants, experts or staff as reasonably necessary to assist in the performance of his duties, reports directly to the Board, and can be terminated only with the approval of a majority of the Independent Trustees. At the request of the Independent Trustees, the CCO Fee Evaluation Report followed the same general approach and covered the same topics as that of the report that had previously been delivered by the CCO in his capacity as “Senior Officer,” prior to the elimination of the Senior Officer position in December 2017.

In addition to the extensive materials that comprise and accompany the CCO Fee Evaluation Report, in the months preceding the May Meetings, the Board requested and reviewed written responses and supporting materials prepared by the Adviser and its affiliates (collectively, “Federated Hermes”) in response to requests posed to Federated Hermes on behalf of the Independent Trustees encompassing a wide variety of topics. The Board also considered such additional matters as the Independent Trustees deemed reasonably necessary to evaluate the Contract, which included detailed information about the Fund and Federated Hermes furnished to the Board at its meetings throughout the year

and in between regularly scheduled meetings on particular matters as the need arose, as well as information specifically prepared in connection with the approval of the continuation of the Contract that was presented at the May Meetings.

The Board's consideration of the Contract included review of materials and information covering the following matters, among others: the Adviser's investment philosophy, revenue, profitability, personnel and processes; investment and operating strategies; the Fund's short-term and long-term performance (in absolute terms, both on a gross basis and net of expenses, and relative to the Fund's particular investment program and a group of its peer funds and/or its benchmark, as appropriate) and comments on the reasons for the Fund's performance; the Fund's investment objectives; the Fund's expenses, including the advisory fee and the overall expense structure of the Fund (both in absolute terms and relative to a group of its peer funds), with due regard for contractual or voluntary expense limitations (if any); the use and allocation of brokerage commissions derived from trading the Fund's portfolio securities (if any); and the nature, quality and extent of the advisory and other services provided to the Fund by the Adviser and its affiliates. The Board also considered the preferences and expectations of Fund shareholders; the entrepreneurial and other risks assumed by the Adviser in sponsoring and managing the Fund; the continuing state of competition in the mutual fund industry and market practices; the range of comparable fees for similar funds in the mutual fund industry; the Fund's relationship to the other funds advised by Federated Hermes (each, a "Federated Hermes Fund"), which include a comprehensive array of funds with different investment objectives, policies and strategies which are generally available for exchange without the incurrence of additional sales charges; compliance and audit reports concerning the Federated Hermes Funds and the Federated Hermes' affiliates that service them (including communications from regulatory agencies), as well as Federated Hermes' responses to any issues raised therein; and relevant developments in the mutual fund industry and how the Federated Hermes Funds and/or Federated Hermes may be responding to them. In addition, the Board received and considered information furnished by Federated Hermes on the impacts of the coronavirus (COVID-19) outbreak on Federated Hermes generally and the Fund in particular, including, among other information, the current and anticipated impacts on the management, operations and performance of the Fund. The Board noted that its evaluation process is evolutionary and that the criteria considered and the emphasis placed on relevant criteria may change in recognition of changing circumstances in the mutual fund marketplace.

The Board also considered judicial decisions concerning allegedly excessive investment advisory fees in determining to approve the Contract. Using these judicial decisions as a guide, the Board observed that the following factors may be relevant to an adviser's fiduciary duty with respect to its receipt of

compensation from a fund: (1) the nature and quality of the services provided by an adviser to a fund and its shareholders (including the performance of the fund, its benchmark, and comparable funds); (2) an adviser's cost of providing the services (including the profitability to an adviser of providing advisory services to a fund); (3) the extent to which an adviser may realize "economies of scale" as a fund grows larger and, if such economies of scale exist, whether they have been shared with a fund and its shareholders or the family of funds; (4) any "fall-out" financial benefits that accrue to an adviser because of its relationship with a fund (including research services received from brokers that execute fund trades and any fees paid to affiliates of an adviser for services rendered to a fund); (5) comparative fee and expense structures (including a comparison of fees paid to an adviser with those paid by similar funds both internally and externally as well as management fees charged to institutional and other advisory clients of the adviser for what might be viewed as like services); and (6) the extent of care, conscientiousness and independence with which the fund's board members perform their duties and their expertise (including whether they are fully informed about all facts the board deems relevant to its consideration of an adviser's services and fees). The Board noted that the Securities and Exchange Commission ("SEC") disclosure requirements regarding the basis for a fund board's approval of the fund's investment advisory contracts generally align with the factors listed above. The Board was aware of these factors and was guided by them in its review of the Contract to the extent it considered them to be appropriate and relevant, as discussed further below.

The Board considered and weighed these factors in light of its substantial accumulated experience in governing the Fund and working with Federated Hermes on matters relating to the Federated Hermes Funds. While individual members of the Board may have weighed certain factors differently, the Board's determination to continue the Contract was based on a comprehensive consideration of all information provided to the Board throughout the year and specifically with respect to the continuation of the Contract. The Independent Trustees were assisted throughout the evaluation process by independent legal counsel. In connection with their deliberations at the May Meetings, the Independent Trustees met separately in executive session with their independent legal counsel and without management present to review the relevant materials and consider their responsibilities under applicable laws. In addition, senior management representatives of Federated Hermes also met with the Independent Trustees and their independent legal counsel to discuss the materials and presentations furnished to the Board at the May Meetings. The Board considered the approval of the Contract for the Fund as part of its consideration of agreements for funds across the Federated Hermes Funds family, but its approvals were made on a fund-by-fund basis.

Nature, Extent and Quality of Services

The Board considered the nature, extent and quality of the services provided to the Fund by the Adviser and the resources of the Adviser and its affiliates dedicated to the Fund. In this regard, the Board evaluated, among other things, the Adviser's personnel, experience and track record, as well as the financial resources and overall reputation of Federated Hermes and its willingness to invest in personnel and infrastructure that benefit the Federated Hermes Funds. The Board noted the significant acquisition of Hermes Fund Managers Limited by Federated Hermes in 2018, which has deepened the organization's investment management expertise and capabilities and expanded the investment process for all of the Federated Hermes Funds to incorporate environmental, social and governance ("ESG") factors and issuer engagement on ESG matters.

In addition, the Board reviewed the qualifications, backgrounds and responsibilities of the portfolio management team primarily responsible for the day-to-day management of the Fund and the Adviser's ability and experience in attracting and retaining qualified personnel to service the Fund. The Board noted the compliance program of the Adviser and the compliance-related resources devoted by the Adviser and its affiliates in support of the Fund's obligations pursuant to Rule 38a-1 under the Investment Company Act of 1940, including the Adviser's commitment to respond to rulemaking and other regulatory initiatives of the SEC, such as the liquidity risk management program rules. In addition, the Board considered the response by the Adviser to recent market conditions and considered the overall performance of the Adviser in this context. The Fund's ability to deliver competitive performance when compared to its Performance Peer Group (as defined below) was also deemed to be relevant by the Board as a useful indicator of how the Adviser is executing the Fund's investment program. The Adviser's ability to execute this program was one of the Board's considerations in reaching a conclusion that the nature, extent and quality of the Adviser's investment management and related services warrant the continuation of the Contract.

Fund Investment Performance

In evaluating the Fund's investment performance, the Board considered performance results in light of the Fund's investment objective, strategies and risks, as disclosed in the Fund's prospectus. The Board also considered the Fund's performance in light of the overall recent market conditions. The Board considered detailed investment reports on the Fund's performance over different time periods that were provided to the Board throughout the year and in connection with the May Meetings and evaluated the Adviser's analysis of the Fund's performance for these time periods. The Board also reviewed comparative information regarding the performance of other mutual funds in the category of peer funds selected by Morningstar, Inc. (the "Morningstar"), an independent fund ranking organization (the "Performance Peer Group"), noting the CCO's view that comparisons to fund peer groups may be helpful,

though not conclusive, in evaluating the performance of the Adviser in managing the Fund. The Board considered, in evaluating such comparisons, that in some cases there may be differences in the funds' investment objectives or investment management techniques, or the costs to implement funds, even within the same Performance Peer Group. In this connection, the Board considered that the Fund's quantitative focus makes fee and expense comparisons particularly difficult as the funds in the Performance Peer Group varied widely in their complexity, and the management of the Fund is among the more complex relative to its Performance Peer Group.

For the periods ended December 31, 2019, the Fund's performance for the five-year period was above the median of the relevant Performance Peer Group, and the Fund's performance fell below the median of the relevant Performance Peer Group for the one-year and three-year periods. In addition, the Board was informed by the Adviser that, for the same periods, the Fund outperformed its benchmark index for the five-year period and underperformed its benchmark index for the one-year three-year periods. The Board discussed the Fund's performance with the Adviser and recognized the efforts being taken by the Adviser in the context of other factors considered relevant by the Board.

Following such evaluation, and full deliberations, the Board concluded that the performance of the Fund supported renewal of the Contract.

Fund Expenses

While mindful that courts have cautioned against giving too much weight to comparative information concerning fees charged by other advisers for managing funds with comparable investment programs, the Board has found the use of such comparisons to be relevant to its deliberations. In this regard, the Board was presented with, and considered, information regarding the contractual advisory fee rates, net advisory fee rates, total expense ratios and each element of the Fund's total expense ratio (i.e., gross and net advisory fees, administrative fees, custody fees, portfolio accounting fees and transfer agency fees) relative to an appropriate group of peer funds compiled by Federated Hermes from the category of peer funds selected by Morningstar (the "Expense Peer Group"). The Board received a description of the methodology used to select the Expense Peer Group from the overall Morningstar category. The Board also reviewed comparative information regarding the fees and expenses of the broader group of funds in the overall Morningstar category. The Board focused on comparisons with other similar mutual funds more heavily than non-mutual fund products or services because such comparisons are believed to be more relevant. The Board considered that other mutual funds are the products most like the Fund, in that they are readily available to Fund shareholders as alternative investment vehicles, and they are the type of

investment vehicle, in fact, chosen and maintained by the Fund's investors. The Board noted that the range of their fees and expenses, therefore, appears to be a relevant indicator of what consumers have found to be reasonable in the marketplace in which the Fund competes.

The Board reviewed the contractual advisory fee rate, net advisory fee rate and other expenses of the Fund and noted the position of the Fund's fee rates relative to its Expense Peer Group. In this regard, the Board noted that the contractual advisory fee rate was below the median of the relevant Expense Peer Group and the Board was satisfied that the overall expense structure of the Fund remained competitive.

For comparison, the Board received and considered information about the fees charged by Federated Hermes for providing advisory services to other types of clients with investment strategies similar to those of the Federated Hermes Funds, including non-mutual fund clients such as institutional separate accounts and third-party unaffiliated mutual funds for which the Adviser or its affiliates serve as sub-adviser. The Board noted the CCO's conclusion that non-mutual fund clients are inherently different products due to the following differences, among others: (i) different types of targeted investors; (ii) different applicable laws and regulations; (iii) different legal structures; (iv) different average account sizes and portfolio management techniques made necessary by different cash flows and different associated costs; (v) the time spent by portfolio managers and their teams (among other personnel across various departments, including legal, compliance and risk management) in reviewing securities pricing, addressing different administrative responsibilities, and addressing different degrees of risk associated with management; and (vi) a variety of different costs. The Board also considered information regarding the differences in the nature of the services required for Federated Hermes to manage its proprietary mutual fund business versus managing a discrete pool of assets as a sub-adviser to another institution's mutual fund, noting that Federated Hermes generally performs significant additional services and assumes substantially greater risks in managing the Fund and other Federated Hermes Funds than in its role as sub-adviser to an unaffiliated third-party mutual fund. The Board noted that the CCO did not consider the fees for providing advisory services to other types of clients to be determinative in judging the appropriateness of the Federated Hermes Funds' advisory fees.

The Board considered the CCO's view that the services, administrative responsibilities and risks associated with such relationships are quite different than serving as a primary adviser to a fund.

Following such evaluation, and full deliberations, the Board concluded that the fees and expenses of the Fund are reasonable and supported renewal of the Contract.

Profitability and Other Benefits

The Board also received financial information about Federated Hermes, including information regarding the compensation and ancillary (or “fall-out”) benefits Federated Hermes derived from its relationships with the Federated Hermes Funds. This information covered not only the fees under the Federated Hermes Funds’ investment advisory contracts, but also fees received by Federated Hermes’ affiliates for providing other services to the Federated Hermes Funds under separate contracts (e.g., for serving as the Federated Hermes Funds’ administrator and distributor). In this regard, the Board considered that certain of Federated Hermes’ affiliates provide distribution and shareholder services to the Federated Hermes Funds, for which they may be compensated through distribution and servicing fees paid pursuant to Rule 12b-1 plans or otherwise. The Board also received and considered information detailing any indirect benefit Federated Hermes may derive from its receipt of research services from brokers who execute portfolio trades for the Federated Hermes Funds. In addition, the Board considered the fact that, in order for the Federated Hermes Fund to be competitive in the marketplace, the Adviser and its affiliates frequently waived fees and/or reimbursed expenses and have disclosed to Federated Hermes Fund shareholders and/or reported to the Board their intention to do so in the future. Moreover, the Board received and considered regular reports from Federated Hermes throughout the year as to the institution, adjustment or elimination of these voluntary waivers and/or reimbursements.

The Board received and considered information furnished by Federated Hermes, as requested by the CCO, that reported revenues on a fund-by-fund basis and made estimates of the allocation of expenses on a fund-by-fund basis, using allocation methodologies specified by the CCO and described to the Board. The Board considered the CCO’s view that, while these cost allocation reports apply consistent allocation processes, the inherent difficulties in allocating costs continues to cause the CCO to question the precision of the process and to conclude that such reports may be unreliable, because a single change in an allocation estimate may dramatically alter the resulting estimate of cost and/or profitability of a Federated Hermes Fund and may produce unintended consequences. The allocation information, including the CCO’s view that fund-by-fund estimations may be unreliable, was considered in the evaluation by the Board. In addition, the Board considered that, during the prior year, an independent consultant conducted a review of the allocation methodologies used by Federated Hermes in estimating profitability for purposes of reporting to the Board in connection with the continuation of the Contract. The Board noted the consultant’s view that, although there is no single best method to allocate expenses, the methodologies used by Federated Hermes are reasonable.

The Board also reviewed information compiled by Federated Hermes comparing its profitability information to other publicly held fund management companies, including information regarding profitability trends over time. The Board considered the CCO's conclusion that, based on such profitability information, Federated Hermes' profit margins did not appear to be excessive. The Board also considered the CCO's view that Federated Hermes appeared financially sound, with the resources necessary to fulfill its obligations under its contracts with the Federated Hermes Funds.

In 2019, the Board approved a reduction of 5 basis points in the contractual advisory fee.

Economies of Scale

The Board received and considered information about the notion of possible realization of "economies of scale" as a fund grows larger, the difficulties of calculating economies of scale at an individual fund level, and the extent to which potential scale benefits are shared with shareholders. In this regard, the Board considered that Federated Hermes has made significant and long-term investments in areas that support all of the Federated Hermes Funds, such as personnel and processes for the portfolio management, trading operations, issuer engagement (including with respect to ESG matters), shareholder services, compliance, business continuity, internal audit and risk management functions, as well as systems technology (including technology relating to cybersecurity) and use of data. The Board noted that Federated Hermes' investments in these areas are extensive and are designed to provide enhanced services to the Federated Hermes Funds and their shareholders. The Board considered that the benefits of these investments (as well as the benefits of any economies of scale, should they exist) are likely to be shared with the Federated Hermes Fund family as a whole. In addition, the Board considered that the Adviser and its affiliates have frequently waived fees and/or reimbursed expenses for the Federated Hermes Funds and that such waivers and reimbursements are another means for potential economies of scale to be shared with shareholders and can provide protection from an increase in expenses if a Federated Hermes Fund's assets decline. Federated Hermes, as it does throughout the year, and specifically in connection with the Board's review of the Contract, furnished information relative to adviser-paid fees (commonly referred to as revenue sharing). The Board considered the beliefs of Federated Hermes and the CCO that this information should be viewed to determine if there was an incentive to either not apply breakpoints or to apply breakpoints, at higher levels and should not be viewed to determine the appropriateness of advisory fees. The Board also noted the absence of any applicable regulatory or industry guidelines on this subject, which is compounded by the lack of any common industry practice or general pattern with respect to structuring fund advisory fees with "breakpoints" that serve to reduce the fee as a fund attains a certain size.

Conclusions

The Board considered the CCO's conclusion that his observations and the information accompanying the CCO Fee Evaluation Report show that the management fee for the Fund was reasonable and the CCO's recommendation that the Board approve the management fee. The Board noted that, under these circumstances, no changes were recommended to, and no objection was raised to the continuation of, the Contract by the CCO. The CCO also recognized that the Board's evaluation of the Federated Hermes Funds' advisory and subadvisory arrangements is a continuing and on-going process that is informed by the information that the Board requests and receives from management throughout the course of the year and, in this regard, the CCO noted certain items for future reporting to the Board or further consideration by management as the Board continues its on-going oversight of the Federated Hermes Funds.

In its determination to continue an existing investment advisory contract, the Board was mindful of the potential disruptions of the Fund's operations and various risks, uncertainties and other effects that could occur as a result of a decision to terminate or not renew an investment advisory contract. In particular, the Board recognized that many shareholders have invested in the Fund on the strength of the Adviser's industry standing and reputation and with the expectation that the Adviser will have a continuing role in providing advisory services to the Fund. Thus, the Board's approval of the Contract reflected the fact that it is the shareholders who have effectively selected the Adviser by virtue of having invested in the Fund. The Board concluded that, in light of the factors summarized above, including the nature, quality and scope of the services provided to the Fund by the Adviser and its affiliates, continuation of the Contract was appropriate.

The Board based its determination to approve the Contract on the totality of the circumstances and relevant factors and with a view to past and future long-term considerations. Not all of the factors and considerations identified above were necessarily deemed to be relevant to the Fund, nor did the Board consider any one of them to be determinative. With respect to the factors that were deemed to be relevant, the Board's determination to approve the continuation of the Contract reflects its view that Federated Hermes' performance and actions provided a satisfactory basis to support the determination to continue the existing arrangement.

Liquidity Risk Management Program – Annual Evaluation of Adequacy and Effectiveness

In accordance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the “Liquidity Rule”), Federated Hermes MDT Series (the “Trust”) has adopted and implemented a liquidity risk management program (the “Program”) for Federated Hermes MDT Small Cap Core Fund (the “Fund” and, collectively with the Federated Hermes funds, the “Federated Hermes Funds”). The Program seeks to assess and manage the Fund’s liquidity risk. “Liquidity risk” is defined under the Liquidity Rule as the risk that the Fund is unable to meet redemption requests without significantly diluting remaining investors’ interests in the Fund. The Board of Trustees of the Trust (the “Board”) has approved the designation of the Fund’s investment adviser as the administrator for the Program for the Fund. Each affiliated Federated Hermes advisory subsidiary (including the Fund’s investment adviser) that serves as investment adviser to a Federated Hermes Fund (including the Fund) has been approved as the administrator of the Program for each Federated Hermes Fund they manage (each an “Administrator”). The Administrator in turn has delegated daily responsibility for the administration of the Program to multiple Liquidity Risk Management Committees (the “Committees”). The Committees, which are comprised of representatives of Enterprise Risk Management, Compliance, Investment Management and Trading, must review and assess certain information related to the liquidity of the Federated Hermes Funds, including the Fund.

The Program is comprised of various components designed to support the assessment and/or management of liquidity risk, including: (1) the periodic assessment (no less frequently than annually) of certain factors that influence the Fund’s liquidity risk; (2) the periodic classification (no less frequently than monthly) of the Fund’s investments into one of four liquidity categories that reflect an estimate of their liquidity under current market conditions; (3) a 15% limit on the acquisition of “illiquid investments” (as defined under the Liquidity Rule); (4) to the extent a Fund does not invest primarily in “highly liquid investments” (as defined under the Liquidity Rule), the determination of a minimum percentage of the Fund’s assets that generally will be invested in highly liquid investments (an “HLIM”); (5) if a Fund has established an HLIM, the periodic review (no less frequently than annually) of the HLIM and the adoption of policies and procedures for responding to a shortfall of the Fund’s highly liquid investments below its HLIM; and (6) periodic reporting to the Board.

At its meetings in May 2020, the Board received and reviewed a written report (the “Report”) from the Federated Hermes Funds’ Chief Compliance Officer and Chief Risk Officer, on behalf of the Administrator, concerning the operation of the Program for the period from the Program’s inception on December 1, 2018 through March 31, 2020 (the “Period”). The Report

addressed the operation of the Program and assessed its adequacy and effectiveness, including, where applicable, the operation of any HLIM established for a Federated Hermes Fund and each Federated Hermes Fund's access to other available funding sources such as the Federated Hermes Funds' interfund lending facility, redemptions in-kind and committed lines of credit. There were no material changes to the Program during the Period. The Report summarized the operation of the Program and the information and factors considered by the Administrator in assessing whether the Program has been adequately and effectively implemented with respect to the Federated Hermes Funds. Such information and factors included, among other things:

- confirmation that the Fund did not utilize alternative funding sources during the Period;
- the periodic classifications of the Fund's investments into one of four liquidity categories and the methodologies and inputs used to classify the investments, including the Fund's reasonably anticipated trade size;
- the analysis received from a third-party liquidity assessment vendor that is taken into account in the process of determining the liquidity classifications of the Fund's investments and the results of an evaluation of the services performed by the vendor in support of this process;
- the fact that the Fund invested primarily in highly liquid investments during the Period and, therefore, was not required to establish, and has not established, an HLIM and the procedures for monitoring the status of the Fund as investing primarily in highly liquid investments;
- the fact that the Fund invested no more than 15% of its assets in illiquid investments during the Period and the procedures for monitoring this limit; and
- liquidity events during the Period, including the impact on liquidity caused by extended non-U.S. market closures and the market disruptions resulting from the novel coronavirus outbreak, and the fact that there were no specific liquidity events during the Period that materially affected the Fund's liquidity risk.

Based on this review, the Fund's investment adviser, in its role as Administrator, collectively with the other investment advisers to the Federated Hermes Funds, concluded that the Program is operating effectively to assess and manage the Fund's liquidity risk, and that the Program has been and continues to be adequately and effectively implemented to monitor and, as applicable, respond to the Fund's liquidity developments.

Voting Proxies on Fund Portfolio Securities

A description of the policies and procedures that the Fund uses to determine how to vote proxies, if any, relating to securities held in the Fund's portfolio is available, without charge and upon request, by calling 1-800-341-7400. A report on "Form N-PX" of how the Fund voted any such proxies during the most recent 12-month period ended June 30 is available via the Proxy Voting Record (Form N-PX) link associated with the Fund and share class name at [FederatedInvestors.com/FundInformation](https://www.federatedinvestors.com/FundInformation). Form N-PX filings are also available at the SEC's website at [sec.gov](https://www.sec.gov).

Quarterly Portfolio Schedule

Each fiscal quarter, the Fund will file with the SEC a complete schedule of its monthly portfolio holdings on "Form N-PORT." The Fund's holdings as of the end of the third month of every fiscal quarter, as reported on Form N-PORT, will be publicly available on the SEC's website at [sec.gov](https://www.sec.gov) within 60 days of the end of the fiscal quarter upon filing. You may also access this information via the link to the Fund and share class name at [FederatedInvestors.com](https://www.federatedinvestors.com).

Mutual funds are not bank deposits or obligations, are not guaranteed by any bank and are not insured or guaranteed by the U.S. government, the Federal Deposit Insurance Corporation, the Federal Reserve Board or any other government agency. Investment in mutual funds involves investment risk, including the possible loss of principal.

This Report is authorized for distribution to prospective investors only when preceded or accompanied by the Fund's Prospectus, which contains facts concerning its objective and policies, management fees, expenses and other information.

IMPORTANT NOTICE ABOUT FUND DOCUMENT DELIVERY

In an effort to reduce costs and avoid duplicate mailings, the Fund(s) intend to deliver a single copy of certain documents to each household in which more than one shareholder of the Fund(s) resides (so-called "householding"), as permitted by applicable rules. The Fund's "householding" program covers its/their Prospectus and Statement of Additional Information, and supplements to each, as well as Semi-Annual and Annual Shareholder Reports and any Proxies or information statements. Shareholders must give their written consent to participate in the "householding" program. The Fund is also permitted to treat a shareholder as having given consent ("implied consent") if (i) shareholders with the same last name, or believed to be members of the same family, reside at the same street address or receive mail at the same post office box, (ii) the Fund gives notice of its intent to "household" at least sixty (60) days before it begins "householding" and (iii) none of the shareholders in the household have notified the Fund(s) or their agent of the desire to "opt out" of "householding." Shareholders who have granted written consent, or have been deemed to have granted implied consent, can revoke that consent and opt out of "householding" at any time: shareholders who purchased shares through an intermediary should contact their representative; other shareholders may call the Fund at 1-800-341-7400.

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Sign up for Electronic Delivery!

A faster way to receive documents.

If you purchased shares through a financial intermediary (bank or broker-dealer), please contact your representative to set up e-delivery. Otherwise, contact the Fund at 1-800-341-7400, option 4.



Federated Hermes MDT Small Cap Core Fund
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Contact us at [FederatedInvestors.com](https://www.federatedinvestors.com)
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