Semi-Annual Report

Harbor Funds

April 30, 2023

Harbor Capital Appreciation Fund

Harbor Convertible Securities Fund

Harbor Core Bond Fund

Harbor Core Plus Fund

Harbor Disruptive Innovation Fund

Harbor Diversified International All Cap Fund

Harbor Global Leaders Fund

Harbor International Fund

Harbor International Core Fund (formerly, Harbor Overseas Fund)

Harbor International Growth Fund

Harbor International Small Cap Fund

Harbor Large Cap Value Fund

Harbor Mid Cap Fund

Harbor Mid Cap Value Fund

Harbor Small Cap Growth Fund

Harbor Small Cap Value Fund



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Harbor Funds

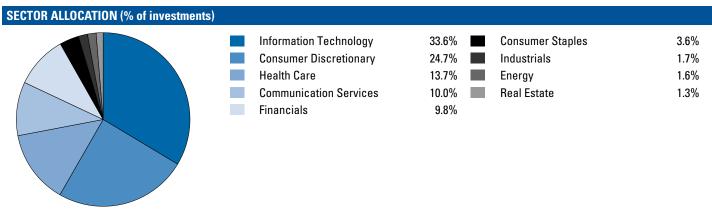
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This material is intended for the Funds' shareholders. It may be distributed to prospective investors only if it is preceded or accompanied by the current prospectus. Prospective investors should carefully consider the investment objectives, risks, charges and expenses of a Harbor Fund before investing. To obtain a summary prospectus or prospectus for this and other information, visit harborcapital.com or call 800-422-1050. Read it carefully before investing.

Harbor Capital Appreciation Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Jennison Associates LLC



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—99.1%

Shares		Value
AUTOMOB		
4,859,744	Tesla Inc.*	\$ 798,504
BIOTECHNO	DLOGY—1.3%	
846,344	Vertex Pharmaceuticals Inc.*	288,375
BROADLIN	E RETAIL—7.4%	
11,642,216	Amazon.com Inc.*	1,227,671
348,329	MercadoLibre Inc. (Brazil)*	444,987
		1,672,658
CAPITAL M	ARKETS—1.7%	
341,055	Goldman Sachs Group Inc	117,132
329,501	Moody's Corp	103,173
442,896	S&P Global Inc	160,585
		380,890
CONSUME	R FINANCE—0.5%	
682,450	American Express Co	110,106
CONSUME	R STAPLES DISTRIBUTION & RETAIL—2.2%	
1,003,628	Costco Wholesale Corp	505,046
ENERGY EC	QUIPMENT & SERVICES—1.6%	
7,268,489	Schlumberger Ltd	358,700
FNTFRTAIN	IMENT—1.4%	
850,115	Netflix Inc.*	280,478
902,041	Roblox Corp.*	32,113
		312,591
FINANCIAL	SERVICES—7.5%	
179,366	Adyen NV (Netherlands)*,1	288,215
1,658,828	Mastercard Inc. Class A	630,404
3,345,549	Visa Inc	778,610
		1,697,229
GROUND T	RANSPORTATION—1.7%	
12,164,173	Uber Technologies Inc.*	377,698

Shares		Value
HEALTH CA	RE EQUIPMENT & SUPPLIES—2.1%	
1,738,442	Dexcom Inc.*	\$ 210,943
877,329	Intuitive Surgical Inc.*	264,269
		475,212
HEALTH CA	RE PROVIDERS & SERVICES—2.0%	
891,692	UnitedHealth Group Inc	438,793
HOTELS. RI	ESTAURANTS & LEISURE—3.0%	
1,717,557	Airbnb Inc.*	205,540
79,117	Chipotle Mexican Grill Inc.*	163,584
1,282,570	Marriott International Inc	217,190
825,130	Starbucks Corp	94,304
		680,618
INTERACTI	VE MEDIA & SERVICES—6.8%	
5,571,697	Alphabet Inc. Class A*	598,066
5,554,664	Alphabet Inc. Class C*	601,126
1,406,165	Meta Platforms Inc.*	337,929
		1,537,121
IT SERVICE	S—1.1%	
1,627,450	Snowflake Inc.*	240,993
LIFE SCIEN	CES TOOLS & SERVICES—1.6%	
753,270	Danaher Corp	178,457
339,979	Thermo Fisher Scientific Inc	188,654
		367,111
MEDIA—0.	5%	
1,883,209	Trade Desk Inc.*	121,166
PERSONAL	CARE PRODUCTS—1.4%	
639,096	L'Oreal SA (France)	305,435
PHARMACI	EUTICALS—6.7%	
3.599.040	AstraZeneca plc ADR (United Kingdom) ²	263,521
1,840,850	Eli Lilly & Co	728,719
3,035,280	Novo Nordisk AS ADR (Denmark) ²	507,165
		1,499,405
		.,.55,100

Harbor Capital Appreciation Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—11.4%	
3,699,424	Advanced Micro Devices Inc.* ASML Holding NV New York Registry Shares	\$ 330,617
474,865	(Netherlands)	302,423
746,350	Broadcom Inc	467,588
5,262,319	NVIDIA Corp	1,460,241
		2,560,869
SOFTWARE		
923,573	Adobe Inc.*	348,704
1,218,496	Atlassian Corp. plc*	179,923
988,109		206,960
1,256,954	CrowdStrike Holdings Inc.*	150,898
5,881,345	Microsoft Corp	1,807,102
1,551,122	Salesforce.com Inc.*	307,696
246,111	ServiceNow Inc.*	113,068
		3,114,351
SPECIALIZI	ED REITs—1.3%	
1,442,651	American Tower Corp	294,863
SPECIALTY	RETAIL—4.1%	
739,562	Home Depot Inc	222,268
301,904	O'Reilly Automotive Inc.*	276,940
3,126,743	TJX Companies Inc	246,450
303,934	ULTA Beauty Inc.*	167,598
		913,256

COMMON STOCKS—Continued

Shares		Value
TECHNOLO	GY HARDWARE, STORAGE & PERIPHERALS—7.3%	
9,629,017	Apple Inc	\$ 1,633,852
TEXTILES, A	APPAREL & LUXURY GOODS—5.9%	
1,037,943	Lululemon Athletica Inc.*	394,346
	LVMH Moet Hennessy Louis Vuitton SE (France)	653,514
2,164,497	NIKE Inc	274,285
		1,322,145
WIRELESS	TELECOMMUNICATION SERVICES—1.2%	
1,951,464	T-Mobile US Inc.*	280,816
	IMON STOCKS ,856,821)	22,287,803
PREFERRE	D STOCKS—0.7%	
(Cost \$10	6,445)	
AUTOMOBI	LES-0.7%	
1,316,365	Dr. Ing. h.c. F. Porsche AG (Germany)*,1	164,834
	ESTMENTS—99.8%	
(Cost \$12	,963,266)	22,452,637
CASH AND	OTHER ASSETS, LESS LIABILITIES—0.2%	40,228
TOTAL NET	ASSETS—100.0%	\$22,492,865

FAIR VALUE MEASUREMENTS

As of April 30, 2023, the investments in Adyen NV, Dr. Ing. h.c.F. Porsche AG, L'Oreal SA, and LVMH Moet Hennessy Loius Vuitton SE (as disclosed in the preceding Portfolio of Investments) were classified as Level 2 and all other investments were classified as Level 1.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

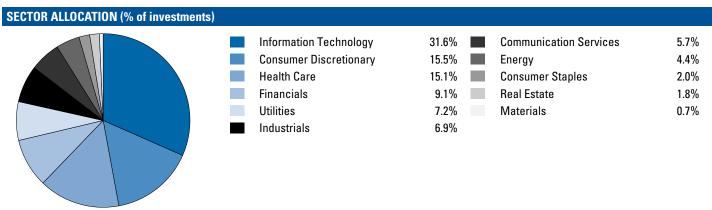
^{*} Non-income producing security

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$453,049 or 2% of net assets.

² Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: BlueCove Limited



PORTFOLIO OF INVESTMENTS

CONVERTIBL	E BONDS—84.0%		CONVERTIBLE BONE	OS—Continued	
Principal Amount		Value	Principal Amount		Value
AEROSPACE 8	& DEFENSE—1.7%		CAPITAL MARKETS—		
Φ 500	Axon Enterprise Inc.	A FOF		omTree Investments	
\$ 500	0.500%—12/15/2027 ¹ Virgin Galactic Holdings	\$ 565	\$ 100 4.25	50%—06/15/2023	
200	2.500%—02/01/2027 ¹	83			894
	2,000 /0 02/01/2027 11111111111111111111111111111111111	648	COMMUNICATIONS E	EQUIPMENT—0.6%	
				ra Corp.	
AIRLINES—1.			200 2.50	00%—03/01/2027	218
200	American Airlines Group Inc.	222	CONSTRUCTION & EN	NGINFFRING—0.7%	
200	6.500%—07/01/2025	223		te Construction Inc.	
600	0.500%—04/01/2026	470	200 2.75	50%—11/01/2024	257
		693	CONSUMER FINANCE	1 60/-	
			EZCor		
AUTO COMPO	DNENTS—0.9%			50%—12/15/2029 ¹	397
200	Fisker Inc. 2.500%—09/15/2026 ¹	89	SoFi T	echnologies Inc.	
200	Patrick Industries Inc.	03	300 0.00	00%—10/15/2026 ^{1,2}	215
300	1.750%—12/01/2028	272			612
		361	DIVERSIEIED CONSIII	MER SERVICES—0.3%	
			Stride		
BIOTECHNOL				25%—09/01/2027	105
600	Bridgebio Pharma Inc. 2.500%—03/15/2027	436	FI FOTDIOAL FOLUDIA	ENT 4.00/	
000	Exact Sciences Corp.	430	ELECTRICAL EQUIPM	ENI-1.0% Technologies Inc.	
300	0.375%—03/15/2027	274		70%—12/01/2028	315
400	1.000%—01/15/2025	447		in Inc.	010
		721	100 0.00	00%—02/01/2026 ²	68
	Mannkind Corp.				383
300	2.500%—03/01/2026	304	FI FOTDONIO FOLUDA	IFNE INCEDIMENTO A COMPONENTO A 701	
	Sarepta Therapeutics Inc.			IENT, INSTRUMENTS & COMPONENTS—1.7% at Enterprises Inc.	
500	1.250%—09/15/2027 ¹	565	200 0.75	50%—02/15/2025	356
		2,026	Itron I		330
CAPITAL MAR	RKETS2 20/				168
OAFTIAL MAF	Coinbase Global Inc.			echnology Corp.	
900	0.500%—06/01/2026	584	200 1.50	00%—10/15/2027	
	New Mountain Finance Corp.				678
200	7.500%—10/15/2025 ¹	202			

PORTFOLIO OF INVESTMENTS—Continued

CONVERTIE	BLE BONDS—Continued		CONVERTIBL	E BONDS—Continued	
Principal Amount		Value	Principal Amount		Value
ENERGY EO	JIPMENT & SERVICES—1.6%		HOTELS, REST	FAURANTS & LEISURE—Continued	
	Helix Energy Solutions			NCL Corp. Ltd.	
\$ 300		\$ 396	\$ 100	1.125%—02/15/2027	
200	Oil States International Inc.	200	600	2.500%—02/15/2027	455
200	0 4.750%—04/01/2026			_	528
		605		Royal Caribbean Cruises Ltd.	
ENTERTAIN	MENT—2.2%		400 400	2.875%—11/15/2023	409 406
40	Cinemark Holdings Inc.	4.44	100	6.000%—08/15/2025 ¹	
100	0 4.500%—08/15/2025	141			968
200	the state of the s	212		Shake Shack Inc.	- 500
	Live Nation Entertainment Inc.		200	0.000%—03/01/2028 ²	150
500	2.000%—02/15/2025	487		The Cheesecake Factory Inc.	
		840	400	0.375%—06/15/2026	335
FINANCIAL	SERVICES—0.8%			_	3,876
	Block Inc.		INDEPENDEN'	T POWER AND RENEWABLE ELECTRICITY PRODUCERS—1.	.4%
400	0.000%—05/01/2026 ²	330		Ormat Technologies Inc.	
FOOD PROD	UCTS—1.3%		200	2.500%—07/15/2027 ¹	227
	Chefs' Warehouse Inc		200	Sunnova Energy International Inc. 0.250%—12/01/2026	155
100		101	200	2.625%—02/15/2028 ¹	163
400	Post Holdings Inc.) 2.500%—08/15/2027 ¹	421		-	318
400	2.300 /0—00/ 13/ 2027	522		-	545
				-	0.10
HEALTH CAR	RE EQUIPMENT & SUPPLIES—6.3%		INTERACTIVE	MEDIA & SERVICES—2.1% Liberty Tripadvisor Holdings Inc.	
400	Alphatec Holdings Inc. 0. 0.750%—08/01/2026	413	400	0.500%—06/30/2051 ¹	312
400	CONMED Corp.	413		Snap Inc.	
200	2.250%—06/15/2027 ¹	217	700	0.000%—05/01/2027 ²	511
000	Dexcom Inc. 0 0.750%—12/01/2023	F00		_	823
200	0.750%—12/01/2023	590	INTERNET & D	DIRECT MARKETING RETAIL—2.7%	
600	' '	514		Etsy Inc.	
	Insulet Corp.		400	0.125%—10/01/2026	538
100	0.375%—09/01/2026	150	600	Wayfair Inc. 0.625%—10/01/2025	455
100	9 , 9 ,	114	100	1.000%—08/15/2026	
	Integra Lifesciences Holdings Corp.			-	521
100		97		-	1,059
200	Lantheus Holdings Inc. Co. 2.625%—12/15/2027 ¹	266		-	.,
200	Mesa Laboratories Inc.	200	IT SERVICES—	–7.1% Block Inc.	
100	1.375%—08/15/2025	92	600	0.250%—11/01/2027	465
		2,453		Cloudflare Inc.	
НЕДІТН СДІ	RE TECHNOLOGY—0.8%		700	0.000%—08/15/2026 ²	581
IILALIII VAI	Teladoc Health Inc.		600	Fastly Inc. 0.000%—03/15/2026 ²	483
400	1.250%—06/01/2027	321	000	Okta Inc.	400
HOTELS RE	STAURANTS & LEISURE—10.0%		600	0.125%—09/01/2025	537
HOTELO, HE	Airbnb Inc.		400	0.375%—06/15/2026	
800		699		-	876
201	Booking Holdings Inc.	440	400	Shift4 Payments Inc.	050
300	0.750%—05/01/2025	449	400	0.500%—08/01/2027	358
100	the state of the s	117		-	2,763
.	Cracker Barrel Old Count		LEISURE PROI		
300	0 0.625%—06/15/2026	267	400	Peloton Interactive Inc.	75
500		363	100	0.000%—02/15/2026²	75

PORTFOLIO OF INVESTMENTS—Continued

CONVERTIBL	E BONDS—Continued		CONVERTIBL	E BONDS—Continued	
Principal Amount		Value	Principal Amount		Value
MACHINERY-	_0.7%		SOFTWARE—	Continued	
WAOIIIIEIII	Greenbrier Cos. Inc.		JOHNANE	Bentley Systems Inc.	
\$ 100	2.875%—04/15/2028	\$ 82	\$ 500	0.125%—01/15/2026	\$ 473
	John Bean Technologies Corp.	*	200	0.375%—07/01/2027	
200	0.250%—05/15/2026	185			642
		267		BL UI	
			F00	Blackline Inc.	400
MEDIA—1.4%			500	0.000%—03/15/2026 ²	423
	Dish Network Corp.		500	Ceridian HCM Holding Inc. 0.250%—03/15/2026	439
900	0.000%—12/15/2025 ²	443	300	Dropbox Inc.	400
200	3.375%—08/15/2026	95	100	0.000%—03/01/2026 ²	89
		538	100	Envestnet Inc. Co.	00
	AUNIO 0 70/		400	0.750%—08/15/2025	373
METALS & MI				Guidewire Software Inc.	
100	ATI Inc. 3.500%—06/15/2025	254	500	1.250%—03/15/2025	483
100	3.300 70—00/13/2023			HubSpot Inc.	
OIL, GAS & CO	ONSUMABLE FUELS—1.9%		100	0.375%—06/01/2025	156
•	Northern Oil And Gas Inc.			InterDigital Inc.	
200	3.625%—04/15/2029 ¹	227	300	3.500%—06/01/2027 ¹	327
	Peabody Energy Corp.		200	Microstrategy Inc. 0.750%—12/15/2025	314
200	3.250%—03/01/2028	291	300	0.750 %—12/15/2025	314
	Pioneer Natural Resources Co.		200	0.250%—10/01/2027	166
100	0.250%—05/15/2025	228	200	Palo Alto Networks Inc.	100
		746	500	0.375%—06/01/2025	926
DEDOOMAL OF	ARE PROPULETO A COV		100	0.750%—07/01/2023	
PERSUNAL CA	ARE PRODUCTS—0.6%				1,131
300	Beauty Health Co. 1.250%—10/01/2026 ¹	247		D	1,131
300	1.23070—10/01/2020		F00	Pegasystems Inc.	450
PHARMACEU [*]	FICALS—1.5%		500	0.750%—03/01/2025	453
	Collegium Pharma Inc.		500	Porch Group Inc. 0.750%—09/15/2026 ¹	163
400	2.875%—02/15/2029 ¹	356	300	Progress Software Corp.	103
	Revance Therapeutics Inc.		200	1.000%—04/15/2026	213
200	1.750%—02/15/2027	244		Rapid7 Inc.	
		600	100	2.250%—05/01/2025	105
DEAL FOTATE	BAARIA CERAFRIT O DEVELOPRATRIT 4 40/			Splunk Inc.	
KEAL ESTATE	MANAGEMENT & DEVELOPMENT—1.1% GEO Corrections Holdings Co.		300	0.500%—09/15/2023	295
100	6.500%—02/23/2026 ¹	115	700	1.125%—09/15/2025-06/15/2027	653
100	Redfin Corp.	113			948
400	0.000%—10/15/2025 ²	295		Unity Software Inc.	
	, ,	410	100	0.000%—11/15/2026 ²	78
				Verint Systems Inc.	
SEMICONDUC	TORS & SEMICONDUCTOR EQUIPMENT—4.0%		100	0.250%—04/15/2026	89
	Enphase Energy Inc.				6,927
100	0.250%—03/01/2025	211			
000	Impinj Inc.	004		RTIBLE BONDS	
300	1.125%—05/15/2027	324	(Cost \$33,45	i9)	32,646
200	MACOM Technology Solutions Holdings Inc.	102			
200	0.250%—03/15/2026	193	CONVERTIBL	E PREFERRED STOCKS—14.8%	
400	0.125%—11/15/2024	426	001112111122		
400	ON Semiconductor Corp.	720			
200	0.000%—05/01/2027 ²	295	Charas		
200	Wolfspeed Inc.	200	Shares		
100	1.750%—05/01/2026	121	AUTO COMPO	NENTS—1.1%	
		1,570		Aptiv plc (Jersey)—5.500%	419
		1,010			
SOFTWARE—	17.8%		BANKS—3.3%		440
	Alteryx Inc.		100	Bank of America Corp—7.250%	
400	1.000%—08/01/2026	335	1,000	Wells Fargo + Co—7.500%	
					1,286

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

CONVERTIBLE PREFERRED STOCKS—Continued

Shares		V	alue
CAPITAL MAR	KETS-0.9%		
5,800	KKR + Co. Inc—6.000%	\$	371
CONSTRUCTION	ON & ENGINEERING—0.0%		
14	Fluor Corp.—6.500%		16
ELECTRIC UTI	LITIES—4.9%		
8,966	American Electric Power—6.125%		456
4,800	Nextera Energy Inc—6.219%		235
14,000	Nextera Energy Inc—6.926%		663
3,700	PG+E Corp—5.500%		555
			1,909
HEALTH CARE	EQUIPMENT & SUPPLIES—1.0%		
5,700	Becton Dickinson and Co—6.000%		288
900	Boston Scientific Corp.—5.500%		113
			401
HOTEL & RES	ORT REITs—0.8%		
12,400	RLJ Lodging Trust—1.950%	_	299

CONVERTIBLE PREFERRED STOCKS—Continued

Shares		Value
HOTELS, RESTAURANT 800 Sabre C	S & LEISURE—0.1% Corp.—6.500%	\$ 48
	AND RENEWABLE ELECTRICITY PRODUCERS— rp.—6.875%.	
MACHINERY—1.0% 3,400 RBC Be	arings Inc.—5.000%	376
OIL, GAS & CONSUMAI 7,200 El Paso	BLE FUELS—0.9% Energy Capital—4.750%	334
TOTAL CONVERTIBLE P	REFERRED STOCKS	5,765
TOTAL INVESTMENTS- (Cost \$39,292)	–98.8%	38,411
CASH AND OTHER ASS	ETS, LESS LIABILITIES—1.2%	479
TOTAL NET ASSETS—1	00.0%	\$38,890

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 2.

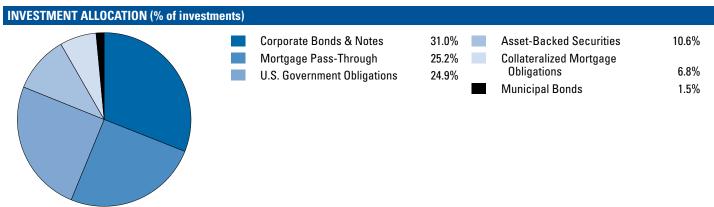
For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$5,738 or 15% of net assets.

² Zero coupon bond

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Income Research + Management



PORTFOLIO OF INVESTMENTS

Principal Amounts, Value and Cost in Thousands

ASSET-BAC	KED SECURI	TIES—10.0%
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Principal Amount Value Aligned Data Centers LLC Series 2021-1A Cl. A2 \$ 385 1.937%—08/15/2046¹.....\$ 342 American Tower Trust I Series 2028 Cl. 1 514 526 **AMSR Trust** Series 2021-SFR3 Cl. A 410 1.476%—10/17/2038¹.... 365 **BA Credit Card Trust** Series 2022-A2 Cl. A2 366 5.000%-04/15/2028 . 371 CF Hippolyta Issuer LLC Series 2020-1 Cl. A1 136 $1.690\% - 07/15/2060^{1}$. 123 **DB Master Finance LLC** Series 2021-1A Cl. A2I 168 2.045%—11/20/2051¹..... 150 Discover Card Execution Note Trust Series 2022-A4 Cl. A 291 5.030%—10/15/2027 295 Domino's Pizza Master Issuer LLC Series 2021-1A Cl. A2I 481 2.662%—04/25/2051¹...... 417 FirstKey Homes Trust Series 2020-SFR2 Cl. A 359 1.266%—10/19/2037¹..... 327 Series 2021-SFR1 372 1.538%— $08/17/2038^1$ 331 658 Ford Credit Auto Owner Trust Series 2020-1 Cl. A 250 $2.040\% - 08/15/2031^1 \dots \dots \dots$ 237 **GM Financial Consumer Automobile Receivables Trust** Series 2022-3 Cl A4 3.710%—12/16/2027 . . . 288 283 Home Partners of America Trust Series 2020-2 Cl. A 1.532%—01/17/2041¹.... 259 222

ASSET-BACKED SECURITIES—Continued

Principal Amount			V	alue
		Series 2022-1		
\$	541	3.930%—04/17/2039 ¹	\$	517
				739
		Mercedes Benz Automobile Receivables Trust		
		Series 2022-1 Cl. A4		
	362	5.250%—02/15/2029		371
		Navient Private Education Refi Loan Trust		
	120	Series 2021-A Cl. A 0.840%—05/15/2069 ¹		11/
	130	0.840%—05/15/2069* Series 2021-BA Cl. A		114
	287	0.940%—07/15/2069 ¹		253
	207	0.040/0 07/10/2003	_	
			_	367
		NextGear Capital		
	222	Series 2023 Cl. A 5.740%—03/15/2028 ¹		221
	322	Oak Street Investment Grade Net Lease Fund		331
		Series 2020-1A Cl. A1		
	334	1.850%—11/20/2050 ¹		300
		Palmer Square CLO Ltd. ²		000
		Series 2013 Cl. 2A		
	447	5.800% (3 Month USD LIBOR + 1.000) 10/17/2031 ^{1,3}		443
		Palmer Square Loan Funding Ltd.		
		Series 2022-2A Cl. A1		
	342	5.930% (3 Month CME Term SOFR + 1.270) 10/15/2030 ^{1,3}		340
	342	PFS Financing Corp.		340
		Series 2022-D Cl. A		
	232	4.270%—08/15/2027 ¹		229
		Series 2023 Cl. A		
	522	5.800%—03/15/2028 ¹		535
				764
		Progress Residential Trust		
		Series 2019-SFR3 Cl. A		
	441	2.271%—09/17/2036 ¹		420
		Series 2019-SFR4 Cl. A		
	413	2.687%—10/17/2036 ¹		396
				816
		Sabey Data Center Issuer LLC		
		Series 2020-1 Cl. A2		
	202	3.812%—04/20/2045 ¹		193

PORTFOLIO OF INVESTMENTS—Continued

ncipa							
noun			Value	Princ Amo			Valu
		SBA Tower Trust				Series 2021-1 Cl. MA	
		Series 2022-1C		\$	249	2.000%—09/25/2060	\$:
2	230	6.599%—01/15/2028 ¹	\$ 242			Series 2021-3 Cl. MA	
		Stack Infrastructure Issuer LLC			278	2.000%—03/25/2061	:
		Series 2019-2A Cl. A2				Series 2020-1 Cl. MA	
1	85	3.080%—10/25/2044 ¹	176		164	2.500%—08/25/2059	
		Store Master Funding I-VII				Series 2017-2 Cl. MA	
	0.4	Series 2019-1 Cl. A1 2.820%—11/20/2049 ¹	150		56	3.000%—08/25/2056	
ı	64	2.820%—11/20/2049* Series 2018-1A Cl. A1	150		114	Series 2018-1 Cl. MA 3.000%—05/25/2057	
1	93	3.960%—10/20/2048 ¹	188		114	Series 2019-2 Cl. MA	
'	33	3.300 /0-10/20/2040			180	3.500%—08/25/2058	
			338		100	0.300 / 0 00/25/2000	
		Taco Bell Funding LLC					1,2
_		Series 2021-1A Cl. A2II				FRESB Mortgage Trust	
3	880	2.294%—08/25/2051 ¹	320		040	Series 2019-SB63 Cl. A5H	
		Texas Natural Gas Securitization			249	2.550% (1 Month USD LIBOR + 0.700) 02/25/2039 ³	
2	296	Series 2041 Cl. 1 5.169%—04/01/2041	323			GS Mortgage Backed Securities Trust Series 2020-INV1 Cl. A14	
2	.30	Vantage Data Centers LLC	323		169	2.930%—10/25/2050 ^{1,3}	
		Series 2020-2A Cl. A2			100	Series 2020-PJ4 Cl. A2	
2	251	1.992%—09/15/2045 ¹	214		108	3.000%—01/25/2051 ^{1,3}	
_		Wendy's Funding LLC			100	0.00070 01/20/2001	
		Series 2021-1A Cl. A2I					
2	200	2.370%—06/15/2051 ¹	169			GS Mortgage Securities Trust	
		Series 2019-1A Cl. A2I			FF0	Series 2016-GS3 Cl. A4	
3	372	3.783%—06/15/2049 ¹	351		550	2.850%—10/10/2049	
			520			MetLife Securitization Trust Series 2020-INV1 Cl. A2A	
					128	2.500%—05/25/2050 ^{1,3}	
AL AS	SSET	F-BACKED SECURITIES			120	Morgan Stanley Bank of America Merill Lynch Trust	
ost\$	10,9	54)	10,564			Series 2015-C25 Cl. A4	
					260	3.372%—10/15/2048	
LATE	FRAI	IZED MORTGAGE OBLIGATIONS—6.8%				Series 2015-C26 Cl. A5	
					600	3.531%—10/15/2048	
		Barclays Commercial Mortgage Trust					
,)E7	Series 2022-C18 Cl. A5	379			PSMC Trust	
3	357	5.710% (1 Month USD LIBOR + 1.040) 12/15/2055 ³	3/9			Series 2021-2 Cl. A3	
		Benchmark Mortgage Trust Series 2021-B26 Cl. A3			465	2.500%—05/25/2051 ^{1,3}	
3	887	2.391%—06/15/2054	340			Series 2020-2 Cl. A2	
	,0,	BX Commercial Mortgage Trust	040		55	3.000%—05/25/2050 ^{1,3}	
		Series 2021-VOLT Cl. A					
4	103	5.160% (1 Month USD LIBOR + 0.700) 09/15/2036 ^{1,3}	390			Triana American Hanna Trust	
		Series 2019-XL Cl. A				Tricon American Homes Trust Series 2020-SFR1 Cl. A	
4	109	5.510% (1 Month Term SOFR + + 1.034) 10/15/2036 ^{1,3}	404		334	1.499%—07/17/2038 ¹	
			794		334	Wells Fargo Commercial Mortgage Trust	
		Commercial Mortgage Pass-Through Certificates				Series 2015-C31 Cl. A4	
		Series 2014-CR21 Cl. A3			380	3.695%—11/15/2048	
2	24	3.528%—12/10/2047	216				
		Series 2014-UBS3 Cl. A3	2.0	TOTAL	COLLA	ATERALIZED MORTGAGE OBLIGATIONS	
4	41	3.546%—06/10/2047	430	(Cos	st \$7,55	0)	7
			646				
		Common in I Montana a Transf		CORP	ORATE	BONDS & NOTES—30.9%	
		Commercial Mortgage Trust		OOIII	UllAll	DONDO & NOTED 50.5 /0	
2	887	Series 2016-C0R1 Cl. A3 2.826%—10/10/2049	361	AEROS	SPACE	& DEFENSE—1.1%	
3	101	Flagstar Mortgage Trust	301			BAE Systems Holdings Inc.	
		Series 2021-8INV Cl. A3			361	3.400%—04/15/2030 ¹	
	30	2.500%—09/25/2051 ¹	273			Boeing Co.	
3		Freddie Mac Seasoned Credit Risk Transfer Trust	_,,		349	5.150%—05/01/2030	
3					116	5.805%—05/01/2050	
3		Series 2020-2 Cl. MA			110	0.00070 00/01/2000	
	49	Series 2020-2 Cl. MA 2.000%—11/25/2059	136		110	0.000/0 00/01/2000	
	49		136		110	Lockheed Martin Corp.	

PORTFOLIO OF INVESTMENTS—Continued

CORPORATE BONDS & N	VOTES—Continued	
Principal		
Amount		Value
AEROSPACE & DEFENSE-		
	Grumman Corp. —05/01/2050	ф 1ı
146 5.250%—	—05/01/2050	\$ 1!
		1,18
AIRLINES—1.4%		
	a Pass-Through Trust	_
	–03/15/2027 ¹ ines Pass-Through Trust	24
	-07/30/2027	30
United Airl	ines Pass-Through Trust	
	-01/07/2030	19
823 4.000%—	-04/11/2026	78
		9
		1,5
UTOMOBILES—0.9%		
	Aptiv Corp	
	-03/01/2032	4:
	otors Financial Co Inc.	21
454 2.400%— Toyota Mot	–10/15/2028	39
	-04/01/2030	1;
		9!
ANKS—4.9%	nerica Corp. MTN ⁴	
440 2.572%—	-10/20/2032 ⁵	30
116 4.330%—	$-03/15/2050^5$	10
505 4.950%—	-07/22/2028 ⁵	5
		90
Barclays		
	-08/09/2026 ⁵	30
	e Financial Co. —02/01/2029 ⁵	50
Citigroup II		0.
171 3.400%—	-05/01/2026	10
	-10/27/2028 ⁵ 03/31/2031 ⁵	2:
279 4.410%—	-03/31/2031	2(
0 11:01		6
Credit Suis 448 7.950%—	-01/09/2025	4!
	inancial Services	4,
	_11/29/2032	14
HSBC Hold		-
	-11/03/2028 ⁵ Chase & Co.	2:
	-07/23/2029 ⁵	50
	$-03/24/2031^5$	2
		8
Llovds Ban	iking Group plc	
2.440% (U.S. Treasury 1 Year Constant Maturity Yield	
	0) 02/05/2026 ³	4
	UFJ Finance Group -07/20/2028 ⁵	30
Toronto Do	minion Bank MTN ⁴	31
	-01/12/2027	3(

CORPORATE	BONDS & NOTES—Continued	
Principal		
Amount		Value
BEVERAGES-		
	Anheuser-Busch Cos. LLC / Anheuser-Busch InBev Worldwide Inc.	
\$ 358	4.900%—02/01/2046	\$ 355
BIOTECHNOL		
310	Abbvie Inc. 4.500%—05/14/2035	302
CΔΡΙΤΔΙ ΜΔΙ	RKETS—3.0%	
	Bank of NY Mellon Corp. MTN ⁴	
300	5.802%—10/25/2028 ⁵ Blackstone Holdings Finance Co. LLC	314
173	2.800%—09/30/2050 ¹	101
356	3.500%—09/10/2049 ¹	243 344
	Goldman Sachs Group Inc.	
301	3.800%—03/15/2030	283
54	KKR Group Finance Co. II LLC 5.500%—02/01/2043 ¹	52
170	KKR Group Finance Co. III LLC 5.125%—06/01/2044 ¹	152
	Macquarie Group Ltd.	132
493	1.340%—01/12/2027 ^{1,5}	442
300	3.250%—05/20/2050	219
665	Morgan Stanley MTN ⁴ 3.125%—07/27/2026	633
295	3.620%—04/01/2031 ⁵	270
	UDO O AO	903
500	UBS Group AG 4.125%—04/15/2026 ¹	479
		3,188
COMMERCIA	L SERVICES & SUPPLIES—0.2%	
230	Waste Management Inc. 4.150%—04/15/2032	226
CUNSTRUCTI	ON MATERIALS—0.2% Carlisle Cos Inc.	
193	2.750%—03/01/2030	167
	FINANCIAL SERVICES—1.1%	
322	American Express Co. 5.043%—05/01/2034 ⁵	323
510	Ferguson Finance plc 3.250%—06/02/2030 ¹	447
	PNC Financial Services	
410	5.070%—01/24/2034 ⁵	404
		1,174
DIVERSIFIED	REITs—0.5% Healthpeak OP LLC Co.	
540	3.250%—07/15/2026	512
DIVERSIFIED	TELECOMMUNICATION SERVICES—0.8%	
240	AT&T Inc. 2.300%—06/01/2027	220
504	5.920% (3 Month USD LIBOR + 1.180) 06/12/2024 ³	507
	W : 0 : : : .	727
162	Verizon Communications Inc. 4.500%—08/10/2033	157
		884

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

					·
Princ Amo			Value	Principal Amount	
ELECT	RIC UTI	LITIES—2.4%		INSURANCE	—Continued
		Berkshire Hathaway Energy Co.			Equitable Financial Life Global Funding
\$	275	6.125%—04/01/2036	\$ 308	\$ 325	1.400%—07/07/2025 ¹
		Duke Energy Florida LLC			Five Corners Funding Trust
	330	3.800%—07/15/2028	323	150	4.419%—11/15/2023 ¹
	200	Eversource Energy 2.900%—10/01/2024	194	420	Ga Global Funding Trust 3.850%—04/11/2025¹
	200	2.900 %—10/01/2024	134	420	Liberty Mutual Group Inc.
	62	4.700%—04/15/2050	57	530	4.569%—02/01/2029 ¹
	243	5.100%—06/15/2045			Lincoln National Corp.
			287	276	3.400%—01/15/2031
		Florida Power + Light Co.			Mass Mutual Life Insurance Co.
	630	2.450%—02/03/2032	541	180	3.375%—04/15/2050 ¹
	000	Northern States Power	341	160	5.672%—12/01/2052 ¹
	158	4.500%—06/01/2052	149		
		Southern Co.			MetLife, Inc. MTN ⁴
	230	3.250%—07/01/2026		340	3.300 [°] ,—03/21/2029 ¹
	308	4.250%—07/01/2036	286		
			506		
		Xcel Energy Inc.		INTERNET &	DIRECT MARKETING RETAIL—0.3%
	230	3.400%—06/01/2030	212	271	Amazon.com Inc. 4.100%—04/13/2062
			2,520	371	4.100%—04/13/2002
			2,020	MEDIA-0.8	%
ENTER	RTAINM	IENT0.1%			Charter Communications Operating LLC / Charter
		Magallanes Inc.			Communications Operating Capital
	155	5.141%—03/15/2052 ¹	124	498	6.384%—10/23/2035
OUIT	Y RFAI	ESTATE INVESTMENT TRUSTS (REITs)—1.0%		400	COX Communications Inc.
		Alexandria Real Estate Equities Inc		400	1.800%—10/01/2030 ¹
	290	2.000%—05/18/2032	224		
	115	4.750%—04/15/2035	110	MULTI-UTILI	TIFS0 8%
			334	MOLIT OTIL	PG&E Wildfire Recovery Funding LLC
		Digital Realty Trust LP		103	3.594%—06/01/2032
	253	3.600%—07/01/2029	227	330	4.022%—06/01/2033
		Federal Realty Investment Trust		183	4.722%—06/01/2039
	533	1.250%—02/15/2026	483		
			1,044		Rogers Communications Inc.
				257	5.450%—10/01/2043
INAN	ICIAL S	ERVICES—0.2%			, , , , , , , , , , , , , , , , , , ,
	400	Berkshire Hathaway Finance Co.	400		
	198	3.850%—03/15/2052	169	OIL, GAS & C	CONSUMABLE FUELS—1.4%
IEAL 1	H CAR	PROVIDERS & SERVICES—2.2%			Dominion Energy Inc.
		Cigna Corp.		310	5.250%—08/01/2033
	320	3.400%—03/01/2027	308	EOE	Energy Transfer LP 3.900%—07/15/2026
		CommonSpirit Health		505	Occidental Petroleum Corp.
	232	4.187%—10/01/2049	191	474	0.000%—10/10/2036 ⁶
	170	CVS Pass-Through Trust 5.773%—01/10/2033 ¹	170	.,,	Schlumberger Holdings Corp.
	173 84	5.7/3%—01/10/2033° 5.880%—01/10/2028	172 84	192	3.900%—05/17/2028 ¹
	507	8.353%—07/10/2031 ¹			Southern Co. Gas Capital Corp.
	307	0.000/0 07/10/2001		230	1.750%—01/15/2031
			806		
	405	Elevance Health Inc.	400		
	425	4.750%—02/15/2033	428	PRUFESSION	Variale Analytica Inc
	590	PeaceHealth Obligated Group 1.375%—11/15/2025	538	205	Verisk Analytics Inc. 3.625%—05/15/2050
	220	1.070 /0-11/10/2020		295	3.02070
			2,271	ROAD & RAI	L—0.6%
NSUF	RANCE-	-2.5 %			Canadian Pacific Railway Co.
NSUF	RANCE-	– 2.5 % AIA Group Ltd.		190	6.125%—09/15/2115
NSUF	419		398	190 155	

Value

2,600

1,419

PORTFOLIO OF INVESTMENTS—Continued

SPECIALT RETAIL — 1.1% Special More Special M	CORPORATI	E BONDS & NOTES—Continued		MOR	TGAGE	PASS-THROUGH—Continued	
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT — 0.7% 584			Value				Value
Ryder System Inc. MTNI* 248 5.00%—120/12029 2.25	ROAD & RAI	L—Continued	_	\$			
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT — 0,7% 2,86 2,000% — 0,001/2036-9,0401/2052 3,23 3,375 2,500% — 0,001/2036-9,0401/2052 3,23 3,375 2,500% — 0,001/2036-9,0401/2052 3,23 3,350% — 0,001/2036-9,001/2050 2,12 2,110% — 0,001/2027 422 3,331% (Feel 1Z Mornh Treasury Average Constant of 1,000%					248	5.500%—12/01/2052	252
2,866 2,000%—08/10/2056_04/01/2051. 2,40	\$ 237	3.650%—03/18/2024	\$ 233				7,308
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT — 0.7% 3.773 2.500%—0301/2255 04(01/2055) 3.22 2.22 3.10%—0301/2255 04(01/2055) 2.712 3.110%—0301/2255 04(01/2055) 2.712 3.10%—0301/2255 04(01/2055) 2.712 3.10%—0301/2255 04(01/2055) 2.712 3.10%—0301/2255 04(01/2055) 2.712 3.10%—0301/2255 04(01/2055) 3.23 3.00%—0301/2255 04(01/2055) 3.23 3.00%—0301/2255 04(01/2055) 3.23 3.00%—0301/2255 04(01/2055) 3.23 3.00%—0301/2255 04(01/2055) 3.00%—0301/2			584				
Broadcominc. 2.86 3.000%—028/17285-0801/2856 2.17							2,406
272 4.110%—09/15/2028 262 21 3.590%—03/19/12096-03/01/2056 07 73 3.590	SEMICONDU						3,325
NXP BW/NXP FDG/NXP USA Co. 422 43.50% —05/01/2027 684 43.50% —05/01/2027 684 43.50% —65/01/2027 684 43.50% —65/01/2027 684 43.50% —65/01/2026 684 43.50% —65/01/2026 684 158 Maturity Treasury + 22881 2071/2026 13.30 0 racie Corp. 30 1.550% —03/25/2025 31 31 50.500% —07/01/205-09/01/2026 32 2.52 33 31 50.50% —07/01/205-09/01/2026 34 3.30% —04/15/2045 157 2 854 2.500% —01/15/2045 83 31 4.009% —09/20/2041 -09/20/2041 84 5.500% —01/15/2042 10 3.00% —04/15/2046 19 5.500% —04/15/2046 19 5.500% —04/15/2046 19 5.500% —04/15/2046 19 5.500% —04/15/2046 19 6.37 17 3.70% —04/15/2045 18 17 5.25% —04/15/2045 19 6.37 17 3.70% —04/15/2045 18 18 18 5.500% —05/01/2028 18 17 5.25% —04/15/2045 19 6.37 19 6.300% —04/15/2046 19 6.37 19 6.300% —04/15/2046 19 6.37 19 6.300% —04/15/2046 19 6.37 19 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.37 10 6.300% —04/15/2046 19 6.42 10 6.40	272		262				
450 3.150%—05/01/2027 422 4.310% [Fed 12 MONTH Treasury Acrosa constant of the property of the	212		202				
SOFTWARE	450		422		3,301		3,433
SOFTWARE					158		159
1,052 5,500% 1,101/2052 1,06 343 3,950% -03/25/2026 313 343 3,950% -03/25/2051 259 Government National Mortgage Association 17,18 351 4,000% -03/25/2041 0,9715/2045 75 75 75 75 75 75 75					2,543		2,527
340	SOFTWARE-				1,307		1,315
343 3,950%—03/25/2051 259 Government National Mortgage Association 57.2 854 2,500%—01/20/2055 75.50% 7					1,052	5.500%—11/01/2052	1,065
SPECIALTY RETAIL—1.1% 572 584 2.09%—01/20/2015 575 584 2.09%—01/20/2016 33 34 4.009%—01/15/2040 384 4.009%—01/15/2040 2.09%							17,187
SPECIALTY RETAIL—1.1%	343	3.950%—03/25/2051				Government National Mortgage Association	
Second S			572		854		758
Home Depot Inc.	CDECIALTY E	DETAIL 1 10/			391	4.000%—09/20/2041-09/15/2046	386
170 3.300%—04/15/2040 142 1.98	SPECIALITY				845	4.500%—01/15/2042-08/20/2047	848
Lowe's Cos. Inc. TOTAL MORTGAGE PASS-THROUGH 199 5.000%—04/15/2040 192 118 1	170		142				1,992
199 5.000% -04/15/2040 192 117 5.625% -04/15/2053 118 117 5.625% -04/15/2053 118 117 5.625% -04/15/2053 118 117 5.625% -04/15/2053 118 118 117 5.625% -04/15/2053 118 118 117 5.625% -04/15/2053 118 1	.,,						
Penske Truck Leasing/Ptl	77	3.700%—04/15/2046	60				
Penske Truck Leasing/Ptl 637 5.550%—05/01/2028¹ 642 1,154 145 5.720%—12/01/2038 16 165%—08/01/2028 1,154 145 5.720%—12/01/2038 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2023 16 165%—08/01/2032 16 16	199	5.000%—04/15/2040	192	(Co	st \$27,6	25)	26,487
Penske Truck Leasing/Pt	117	5.625%—04/15/2053	118				
Penske Truck Leasing/Pt			370	MUN	IICIPAL	BONDS—2.0%	
637 5.550%—05/01/2028¹ 642 Chicago 1,154 145 5.720%—12/01/2038 16		Penske Truck Leasing/Ptl					
1,154	637		642				
Michigan State University State University Universit					145		160
NXP BIV NXP FDG NXP USA Co. 255 2.700%—0501/2025 252 440 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 42 42 40 3.350%—08/01/2023 58 5.770%—03/15/2039 58 5.770%—03/15/2039 58 5.770%—03/15/2039 58 5.770%—03/15/2039 51 510							
265 2.700%—05/01/2025 252 440 3.950%—08/01/2032 42 TRADING COMPANIES & DISTRIBUTORS—0.5% AerCap Ireland Capital DAC / AerCap Global Aviation Trust 201 3.000%—10/29/2028 175 555 5.770%—03/15/2039 58es Tax Securitization Corp. 374 3.875%—07/03/2023 373 373 30 7.500%—04/01/2034 37 Air Lease Corp. 374 3.875%—07/03/2023 373 373 30 7.500%—04/01/2034 37 Auguarion Co. 238 4.000%—08/15/2024¹ 235 WIRELESS TELECOMMUNICATION SERVICES—0.5% T Mobile USA Inc. 511 5.050%—07/15/2033 515 71 2.510%—03/01/2032 66 Cost \$33,781 32.528 Federal Home Loan Mortgage Corp. 225 2.000%—06/01/2050 190 190 152 2.850%—01/01/2034 17 MORTGAGE PASS-THROUGH—25.2% Federal Home Loan Mortgage Corp. 227 2.300%—06/01/2050 190 152 2.850%—01/01/2035 188 2.200%—01/01/2035 188 2.20%—01/01/2035 188 2.20%—01/01/2035 171 2.5108—03/01/2035 188 2.20%—01/01/2035 188 2.20%—01/01/2035 171 2.3370% (12 Month USD LIBOR + 1.597) 06/01/2047³ 153 3.350%—05/01/2042 944 289 3.500%—07/01/2038 275 2.2008 56 180 2.2008 56 180 2.2008 56 180 2.2008 56 180 2.2008 56 180 2.2008 56 19/01/2033 275 2.2008 56 180 2.2008 56 19/01/2033 275 2.2008 56 180 2.	TECHNOLOG				83	4.165%—08/15/2122	67
New York State Urban Development Corp. Securitization Corp. Sales Tax Securitization Corp. Sales Tax Securitization Corp. State of California State of Ca							
AerCap reland Capital DAC / AerCap Global Aviation	265	2./00%—05/01/2025	252		440		423
AerCap reland Capital DAC / AerCap Global Aviation Sales Tax Securitization Corp.	TRADING CO	MPANIES & DISTRIBUTORS—0.5%					
Trust Sales 184 Sectification Col.					555		585
State of California Air Lease Corp. 3,000%—01/03/2023 373 300 7,500%—04/01/2034 37 37 3,875%—07/03/2023 373 300 7,500%—04/01/2034 37 37 37 300 7,500%—04/01/2034 37 37 37 300 7,500%—04/01/2034 37 37 37 300 7,500%—04/01/2034 37 37 37 37 37 37 37					E30		E11
Air Lease Corp. 374 3.875%—07/03/2023	201		175		330		311
TOTAL MUNICIPAL BONDS Cost \$2,198 Cost \$2,198					300		376
Cost \$2,198 Cost \$2,198	374	3.875%—07/03/2023	373		000	7.00070 01/01/2001	
### Aquarion Co. 238			548	TOTA	L MUNI	CIPAL BONDS	
Aquarion Co. 238	MATED LITH	ITIES 0.20/		(Co	st \$2,19	8)	2,122
U.S. GOVERNMENT OBLIGATIONS—24.8% WIRELESS TELECOMMUNICATION SERVICES—0.5%	WAILNUIL						
U.S. Small Business Administration Series 2012-20C Cl. 1 Thobile USA Inc. Series 2012-20C Cl. 1 Thobile USA Inc. Series 2012-20C Cl. 1 Thompson Series 2012-20C Cl. 1 Thompson Series 2017-20H Cl. 1 Thompson Series 2014-20K Cl. 1 Thompson Series 2014-20K Cl. 1 Thompson Series 2015-20H Cl. 1 Thompson Series 2017-20J Cl. 1 Thompson Series 2017-20J Cl. 1 Thompson Series 2017-20J Cl. 1 Thompson Series 2018-20B Cl. 1 Thompson Series 2018-20B Cl. 1 Thompson Series 2018-20B Cl. 1 Thompson Series 2018-20G Cl. 1 Thompso	238		235	U.S.	GOVERI	NMENT OBLIGATIONS—24.8%	
T Mobile USA Inc. 511							
Total corporate bonds	WIRELESS T						
Series 2017-20H Cl. 1	F14		E1F		71		66
105 2.750%—08/01/2037 99 99 99 99 99 99 99	511	J.UJU%—U1/1J/2U33	515		/ 1		00
Cost \$33,781 32,528 Series 2014-20K Cl. 1 188 2.800%—11/01/2034 17 189 2.820%—08/01/2035 18 2.800%—11/01/2034 17 Series 2015-20H Cl. 1 194 2.820%—08/01/2035 18 2.850%—08/01/2035 18 2.850%—08/01/2035 18 2.850%—08/01/2050 190 152 2.850%—10/01/2037 14 2.701 2.500%—06/01/2050 2.365 Series 2018-20B Cl. 1 2.349 3.000%—01/01/2033-08/01/2050 2.163 184 3.220%—02/01/2038 17 152 3.370% (12 Month USD LIBOR + 1.597) 06/01/2047 153 Series 2018-20G Cl. 1 3.200%—05/01/2034 27 3.200%—05/01/2034 27 3.200%—05/01/2037 27 3.200%—05/01/2037 3.200%—05/01/2046 3.200%—05/01/2047 3.200%—05	TOTAL CORP	ORATE RONDS & NOTES			105		98
MORTGAGE PASS-THROUGH—25.2% 194 2.820%—08/01/2035 18 2.800%—01/01/2034 17 Series 2015-20H Cl. 1			32.528				
MORTGAGE PASS-THR0UGH—25.2% 194 2.820%—08/01/2035 18 Federal Home Loan Mortgage Corp. Series 2017-20J Cl. 1 225 2.000%—06/01/2050 190 152 2.850%—10/01/2037 14 2,701 2.500%—03/01/2051-05/01/2052 2,365 Series 2018-20B Cl. 1 1 2,349 3.000%—01/01/2033-08/01/2050 2,163 184 3.220%—02/01/2038 17 152 3.370% (12 Month USD LIBOR + 1.597) 06/01/2047³ 153 Series 2018-20G Cl. 1 989 3.500%—05/01/2042 944 289 3.540%—07/01/2038 27 763 4.000%—12/01/2037-02/01/2046 751 409 3.200%—05/01/2047 3.2	(0001,00)				188		177
Federal Home Loan Mortgage Corp. 225	MODICACE	DACC TUDOUCH OF 20/					
225 2.000%—06/01/2050 190 152 2.850%—10/01/2037 14	MUKTGAGE	PASS-THKUUGH-25.2%			194	, - ,	183
225		Federal Home Loan Mortgage Corp.			150		4.40
2,701 2.500%—03/01/2051-05/01/2052. 2,365 184 3.220%—02/01/2038 17 2,349 3.000%—01/01/2033-08/01/2050. 2,163 Series 2018-20G Cl. 1 152 3.370% (12 Month USD LIBOR + 1.597) 06/01/2047³ 153 Series 2018-20G Cl. 1 1589 3.500%—05/01/2042 944 289 3.540%—07/01/2038 27 1763 4.000%—12/01/2037-02/01/2046. 751 Series 2022-25E Cl. 1 180 3.220%—02/01/2038 27 170 Series 2022-25E Cl. 1 180 3.220%—07/01/2038 27 180 3.220%—07/01/2040 27 180 3.220%—07/01/2040 27 180 3.220%—07/01/2040 27 180 3.220%—07/01/2040 27 180 3.220%—07/01/2040 27 180 3.220%—07/01/2040 2		2.000%—06/01/2050	190		152		142
2,349 3.000%—01/01/2033-06/01/2050. 2,103 Series 2018-20G Cl. 1 152 3.370% (12 Month USD LIBOR + 1.597) 06/01/2047 ³ . 153 Series 2018-20G Cl. 1 153 3.500%—05/01/2042 . 944 289 3.540%—07/01/2038 . 27 163 4.000%—12/01/2037-02/01/2046. 751 Series 2022-25E Cl. 1 164 28 28 20 22 25E Cl. 1 175 28 20 20 20 20 20 20 20 20 20 20 20 20 20					19/		175
989 3.500%—05/01/2042 944 289 3.540%—07/01/2038 27 763 4.000%—12/01/2037-02/01/2046 751 Series 2022-25E Cl. 1	,				104		173
763 4.000%—12/01/2037-02/01/2046					289		277
167 1.000 / 0 00/01/20TO					409	3.940%—05/01/2047	395
	107		107				

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

U.S. GOVERNMENT OBLIGATIONS—Continued

	incipal			
A	mount		V	alue
		Series 2023-25B Cl. 1		
\$	302	4.610%—02/01/2048	\$	306
		Series 2022-25L Cl. 1		
	379	4.710%—12/01/2047		385
		Series 2023-25A Cl. 1		
	364	4.910%—01/01/2048		373
		Series 2023-25C Cl. 1		
	518	4.930%—03/01/2048		533
		Series 2022-25K Cl. 1		
	355	5.130%—11/01/2047		369
		Series 2023-10A Cl. 1		
	525	5.168%—03/10/2033		533
				4,012
		U.S. Treasury Bonds		
	1.284	2.250%—02/15/2052		958
	1,688	2.375%—02/15/2042		1,363
	4,381	3.000%—08/15/2052		3,850
	6.713	3.375%—08/15/2042		6,324
	-,			-,

U.S. GOVERNMENT OBLIGATIONS—Continued

	rincipal mount		١	/alue
\$	5,348	3.500%—01/31/2028	\$	5,342
	2,214	4.125%—01/31/2025		2,211
				20,048
		U.S. Treasury Inflation Index Notes ⁷		
	567	0.125%—01/15/2030		527
		U.S. Treasury Notes		
	1,635	2.750%—08/15/2032	_	1,548
TO	TAL U.S. G	OVERNMENT OBLIGATIONS		
(Cost \$25,7	23)	_	26,135
TO	TAL INVES	TMENTS—99.7%		
(Cost \$107,	831)	_1	04,930
CAS	SH AND O	THER ASSETS, LESS LIABILITIES—0.3%		351
T01	TAL NET A	SSETS—100.0%	\$1	05,281

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 2.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$18,193 or 17% of net assets.

² CLO after the name of a security stands for Collateralized Loan Obligation.

³ Variable or floating rate security; the stated rate represents the rate in effect as of April 30, 2023. The variable rate for such securities may be based on the indicated reference rate and spread or on an underlying asset or pool of assets rather than a reference rate and may be determined by current interest rates, prepayments or other financial indicators.

⁴ MTN after the name of a security stands for Medium Term Note.

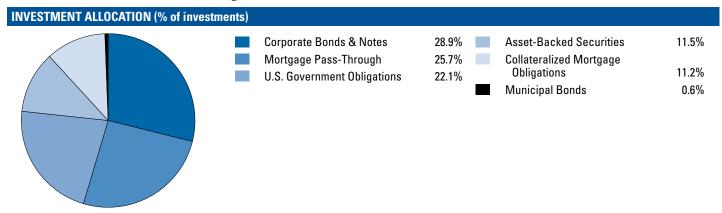
⁵ Rate changes from fixed to variable rate at a specified date prior to its final maturity. Stated rate is fixed rate currently in effect and stated date is the final maturity date.

⁶ Zero coupon bond

⁷ Inflation-protected securities ("IPS") are securities in which the principal amount is adjusted for inflation and interest payments are applied to the inflation-adjusted principal.

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Income Research + Management



PORTFOLIO OF INVESTMENTS

Autoration 1			B 1	and the second		
Principal Amount		Value		ncipal nount		Value
	Air Canada Pass-Through Trust				FirstKey Homes Trust	
	Series 2017-1AA Cl. PTT				Series 2021-SFR1	
3,232	3.300%—07/15/2031 ¹ \$	2,891	\$	7,344	1.538%—08/17/2038 ¹	\$ 6,5
	Aligned Data Centers LLC	•			GSAA Home Equity Trust	
	Series 2021-1A Cl. A2				Series 2006-20 Cl. 1A2	
7,301	1.937%—08/15/2046 ¹	6,493		3,208	4.866% (1 Month USD LIBOR + 3.310) 12/25/2046 ³	
	American Airlines Pass-Through Trust				Home Partners of America Trust	
	Series 15-2 Cl. AA				Series 2022-1	
1,396	3.600%—03/22/2029	1,290		3,214	3.930%—04/17/2039 ¹	3,
	American Tower Trust I				IXIS Real Estate Capital Trust	
	Series 2028 Cl. 1				Series 2005-HE1 Cl. M4	
3,029	5.490%—03/15/2028 ¹	3,098		643	5.556% (1 Month USD LIBOR + 2.840) 06/25/20353	
	AMMC CLO 20 Ltd. ²				JetBlue Pass Through Trust	
	Series 2017-20A Cl. AR				Series 2015-2 Cl. AA	
428	5.662% (3 Month USD LIBOR + 2.600) 04/17/2029 ^{1,3} .	427		3,911	4.000%—05/15/2034	3,
	AMMC CLO XII Ltd. ²				JPMorgan Mortgage Acquisition Corp.	
	Series 2013-12A Cl. AR2				Series 2007-HE1 Cl. AF3	
4,178	5.542% (3 Month USD LIBOR + 2.050) 11/10/2030 ^{1,3} .	4,128		660	4.188%—05/25/2035 ⁴	
	Apidos CLO XXVI ²				Morgan Stanley Capital Inc.	
	Series 2017-26A Cl. A1AR				Series 2007-HE1 Cl. A2C	
3,951	5.695% (3 Month USD LIBOR + 2.410) 07/18/2029 ^{1,3} .	3,916		1,556	3.736% (1 Month USD LIBOR + 0.150) 11/25/2036 ³	
	Ares LII CLO Ltd. ²			0.000	Series 2007-HE6 Cl. A3	
4.000	Series 2019-52A Cl. A1R	0.040		2,969	4.686% (1 Month USD LIBOR + 2.230) 05/25/2037 ³	2,
4,000	5.865% (3 Month USD LIBOR + 2.060) 04/22/2031 ^{1,3} . Birch Grove CLO Ltd. ²	3,948				3
	Series 19-AR				New Economy Assets Phase 1 Sponsor LLC	
4,000	5.899% (3 Month USD LIBOR + 1.880) 06/15/2031 ^{1,3} .	3,925			Series 2021 Cl. 1A1	
4,000	Catamaran CLO Ltd. ²	3,323		4,500	1.910%—10/20/2061 ¹	3
	Series 2014-1A Cl. A1AR				Palmer Square Loan Funding Ltd.	
4,410	5.915% (3 Month USD LIBOR + 2.000) 04/22/2030 ^{1,3} .	4,368			Series 2021-4A Cl. A1	
1,110	CF Hippolyta Issuer LLC	1,000		3,018	5.592% (3 Month USD LIBOR + 2.120) 10/15/2029 ^{1,3} .	2,
	Series 2021-1A Cl. A1				Planet Fitness Master Issuer LLC	
3,900	1.530%—03/15/2061 ¹	3,435			Series 2022-1A Cl. A2I	
.,	DB Master Finance LLC	.,		4,333	3.251%—12/05/2051 ¹	3
	Series 2021-1A Cl. A2II				Series 2018-1A Cl. A2II	
2,256	2.493%—11/20/2051 ¹	1,942		611	4.666%—09/05/2048 ¹	
	Diamond Infrastructure Funding LLC					4,
	Series 2021-1A				SBA Tower Trust	
4,375	1.760%—04/15/2049 ¹	3,791			Series 2022-1C	
	Domino's Pizza Master Issuer LLC			3,034	6.599%—01/15/2028 ¹	3,
	Series 2021-1A Cl. A2I			0,004	0.000 /0 01/10/2020	υ,
1,323	2.662%—04/25/2051 ¹	1,147				

PORTFOLIO OF INVESTMENTS—Continued

Principal			Princip	pal		
Amount		Value	Amou			Value
	ServiceMaster Funding LLC			4 0 4 0	Series 2011-RR4 Cl. 8A1	
2 105	Series 2021-1 Cl. A2I 2.865%—07/30/2051 ¹	ው <u>ጋር</u> ለር	\$ 1	1,243	5.250%—02/26/2036 ^{1,3}	
3,185	Series 2020-1 Cl A2II	\$ 2,645				3,312
368	3.337%—01/30/2051 ¹	294			Bear Stearns Adjustable Rate Mortgage Trust	
		2,939		10	Series 2000-2 Cl. A1	0
	Servpro Master Issuer LLC			10	2.778%—11/25/2030 ³ Series 2004-1 Cl. 12A5	9
	Series 2021-1A CI A2			134	2.989%—04/25/2034 ³	122
3,430		2,847			2.000 /0 0 1/25/200	131
	Sound Point CLO XII Ltd. ²				Panahmark Martagaa Trust	
4 4 4 4 0	Series 2016-2A Cl. AR2	4.400			Benchmark Mortgage Trust Series 2020-B21	
1,142	5.858% (3 Month USD LIBOR + 2.610) 10/20/2028 ^{1,3} . Specialty Underwriting & Residential Finance Trust	1,136	4	4,730	1.978%—12/17/2053	3,831
	Series 2006-BC4 Cl. A2B			,	Series 2019-B9 Cl. A5	-,
2,356		819	5	5,200	4.016%—03/15/2052	4,902
	Stack Infrastructure Issuer LLC					8,733
	Series 2021-1A Cl. A2	0.515			BX Commercial Mortgage Trust	
7,000	1.877%—03/26/2046¹	6,249			Series 2021-VOLT Cl. A	
	Series 2021-1A Cl. A2I		1	1,429	5.159% (1 Month USD LIBOR + 4.510) 09/15/2036 ^{1,3} .	1,381
6,913	1.946%—08/25/2051 ¹	6,083			Series 2022-LP2 5.491% (1 Month CME Term SOFR + 4.140)	
-,-	Trinity Rail Leasing 2020 LLC	,,,,,,	3	3,824	02/15/2039 ^{1,3}	3,712
	Series 2020-2A Cl. A2			-,		5,093
5,000	2.560%—11/19/2050 ¹	4,393			Citiaroup Commorpial Mortgogo Trust	3,000
	United Airlines Pass-Through Trust Series 2019-2 Cl. AA				Citigroup Commercial Mortgage Trust Series 2015-GC27	
1,150		993	3	3,390	3.137%—02/10/2048	3,260
.,	Vantage Data Centers Issuer LLC			,	COMM Mortgage Trust	,
	Series 2021-1A Cl. A2		_		Series 2016-787S Cl. A	
1,093	2.165%—10/15/2046 ¹	975	5	5,400	3.545%—02/10/2036 ¹	4,978
	VB-S1 Issuer LLC - Vbtel Series 2022-1A Cl. C2I		F	6,500	Series 2014-LC17 3.917%—10/10/2047	6,317
6,810	3.156%—02/15/2052 ¹	6,184	,	0,300	3.317/0 10/10/2047	11,295
-,-	Wendy's Funding LLC	.,			Country and Alternative Loop Tour	11,233
	Series 2021-1A Cl. A2I				Countrywide Alternative Loan Trust Series 2006-6BC Cl. 1A2	
6,878	2.370%—06/15/2051 ¹	5,797	1	1,694	3.986% (1 Month USD LIBOR + 0.400) 05/25/2036 ³ .	1,333
ULVI VGGE.	r-BACKED SECURITIES		•	.,00.	Series 2005-20CB Cl. 2A5	.,000
	805)	116.592	1	1,234	5.500%—07/25/2035	855
(0000 \$121)		110,002	_		Series 2006-1R Cl.2A3	
COLLATEDA	LIZED MORTGAGE OBLIGATIONS—11.1%		2	2,862	6.000%—08/25/2037	1,506
CULLAILNA						3,694
	Angel Oak Mortgage Trust				Countrywide Asset-Backed Certificates	
3,542	Series 2022-1 Cl. A1 2.881%—12/25/2066 ^{1,4}	3,148		263	Series 2006-2 Cl. M1 4.186% (1 Month USD LIBOR + 0.600) 06/25/2036 ³	260
0,042	Argent Securities Inc.	0,170		203	Credit Suisse First Boston Mortgage Securities	200
	Series 2006-W4 Cl. A2C				Corp.	
5,538	3.906% (1 Month USD LIBOR + 0.320) 05/25/2036 ³	1,387			Series 2006-C2 Cl. A3	
005	Series 2004-W11 Cl. M3	000		187	6.000%—11/25/2035	138
685	4.711% (1 Month USD LIBOR + 1.125) 11/25/2034 ³	669			DC Office Trust	
		2,056	/	4,900	Series 2019-MTC Cl. A 2.965%—09/15/2045 ¹	4,024
	Banc of America Alternative Loan Trust		7	7,300	Deutsche Alt-A Securities Inc. Mortgage Loan Trust	7,027
c 7c0	Series 2006 -7 Cl. A3	2.000			Series 2007-AR2 Cl. A1	
6,768	5.913%—10/25/2036 ³ Banc of America Funding Corp.	2,008	2	2,631	3.886% (1 Month USD LIBOR + 0.300) 03/25/2037 ³	2,478
	Series 2007-C Cl. 7A5				DSLA Mortgage Loan Trust	
437	4.089% (1 Month USD LIBOR + 0.600) 05/20/20473	392			Series 2006-AR1 Cl. 1A1A 2.291% (Fed 12 Month Treasury Average Constant	
	BCAP LLC Trust			838	Maturity Treasury + 0.920) 3/19/2046 ³	673
0.040	Series 2007-AA2 Cl. 12A1	0.500			First Franklin Mortgage Loan Trust	
2,849	4.006% (1 Month USD LIBOR + 0.420) 05/25/2047 ³ Series 2011-RR5 Cl. 12A1	2,589		0.00-	Series 2006-FF14 Cl. A6	
159	4.653%—03/26/2037 ^{1,4}	155	3	8,000	3.896% (1 Month USD LIBOR + 0.310) 10/25/2036 ³	6,344

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

	BLIGATIONS—	

incipal mount		Value
 	First Horizon Asset Securities Inc.	24140
	Series 2005-AR6 Cl. 4A1	
\$ 116	2.683%—02/25/2036 ³	\$ 106
	First Nationwide Trust	
	Series 2001-3 Cl. 1A1	
_	6.750%—08/21/2031	
	GS Mortgage Securities Trust	
	Series 2015-GC30	
3,888	3.119%—05/10/2050	3,724
	GSMPS Mortgage Loan Trust	
2 075	Series 2006-RP2 Cl. 1AF1 3.986% (1 Month USD LIBOR + 0.400) 04/25/2036 ^{1,3} .	2,545
3,075	GSR Mortgage Loan Trust	2,343
	Series 2005-AR3 Cl. 3A1	
189	3.081%—05/25/2035 ³	139
100	IndyMac ARM Trust	100
	Series 2001-H2 Cl. A2	
2	3.544%—01/25/2032 ³	2
	IndyMac INDX Mortgage Loan Trust	
	Series 2005-AR31 Cl. 1A1	
557	3.051%—01/25/2036 ³	474
	JP Morgan Mortgage Trust	
	Series 2006-A6 Cl. 1A4L	
983	3.640%—10/25/2036 ³	740
40	Series 2006-S1 Cl. 3A1	40
43	5.500%—04/25/2036	42
		782
	Manhattan West Mortgage Trust	
	Series 2020-1MW Cl. A	
4,900	2.130%—09/10/2039 ¹	4,248
	Merrill Lynch Alternative Note Asset Trust	
	Series 2007-F1 Cl. 2A6	
423	6.000%—03/25/2037	170
	MetLife Securitization Trust	
0.070	Series 2018-1A Cl. A	4.070
2,072	3.750%—03/25/2057 ^{1,3}	1,973
	Morgan Stanley Bank of America Merrill Lynch Trust Series 2014-C14 Cl. A5	
2,638	4.064%—02/15/2047	2 500
2,030	Onslow Bay Financial LLC	2,599
	Series 2018-1 Cl. A2	
2,248	4.236% (1 Month USD LIBOR + 0.650) 06/25/2057 ^{1,3} .	2,130
_,	Residential Asset Securitization Trust	_,.00
	Series 2007-A8 Cl. 2A1	
17,457	6.250%—08/25/2037	4,882
	Residential Funding Mortgage Securities	
	Series 2007-SA1 Cl. 2A2	
135	4.261%—02/25/2037 ³	92
	Saxon Asset Securities Trust	
4 54 4	Series 2006-3 Cl. A3	4 475
1,514	3.756% (1 Month USD LIBOR + 0.170) 10/25/2046 ³	1,475
	Sequoia Mortgage Trust Series 2023-1 Cl. A4	
4,820	5.000%—01/25/2053 ^{1,3}	4,759
4,020	Series 2023-2 Cl. A4	4,733
4,532	5.000%—03/25/2053 ^{1,3}	4,438
7,302	3.000 /0 03/23/2033	
		9,197
	Structured Adjustable Rate Mortgage Loan Trust	
	Series 2005-21A Cl. 3A1	
89	3.914%—04/25/2035 ³	86
	Suntrust Adjustable Rate Mortgage Loan Trust	
220	Series 2007-S1 Cl. 1A 3.360%—01/25/2037 ³	100
228	3.30U%U1/25/2U3/~	169

COLLATERALIZED MORTGAGE OBLIGATIONS—Continued

Principal Amount		Value
\$ 4,650	Fowd Point Mortgage Trust Series 2019-1 Cl. A1 3.704%—03/25/2058 ^{1,3}	\$ 4,449
2,316	Tricon American Homes Trust Series 2020-SFR1 Cl. A 1.499%—07/17/2038 ¹	2,096
1,539	Series 2006-AR8 Cl. 1A4 3.676%—08/25/2046 ³ Series 2005-AR6 Cl. 2A1A	1,363
149	4.046% (1 Month USD LIBOR + 0.460) 04/25/2045 ³ Series 2005-AR13 Cl. A1A1	144
73	4.166% (1 Month USD LIBOR + 0.580) 10/25/2045 ³	1,576
7,117	Wells Fargo Commercial Mortgage Trust Series 2018-C48 Cl. A5 4.302%—01/15/2052 WFRBS Commercial Mortgage Trust	6,864
6,450	Series 2014-C23 3.917%—10/15/2057	6,243
	RALIZED MORTGAGE OBLIGATIONS)	113,061
CORPORATE BO	ONDS & NOTES—28.7%	
AEROSPACE & D		
5,391	BAE Systems plc 1.900%—02/15/2031 ¹ Boeing Co.	4,411
4,625 1,214	5.150%—05/01/2030	4,663 1,209
		5,872 10,283
AUTO COMPONI	Aptiv plc / Aptiv Corp.	
5,000	4.150%—05/01/2052	3,877
	DMPONENTS—0.2% F North America Capital Co. 6.875%—04/14/2028¹	2,040
AUTOMOBILES-	— 1.5% Ford Motor Credit Co. LLC	
4,000 1,900	3.375%—11/13/2025 6.950%—03/06/2026	3,720 1,920
4,700 4,800	/olkswagen Group of America Finance LLC 3.350%—05/13/2025¹4.750%—11/13/2028¹	5,640 4,553 4,801 9,354
BANKS—1.0%		14,994
4,700	Citigroup Inc. 2.570%—06/03/2031 ⁵	3,980
2,850	HSBC Holdings PLC 7.390%—11/03/2028 ⁵	3,070

PORTFOLIO OF INVESTMENTS—Continued

Princ Amo			Value	Principal Amount		Value
BANKS	—Cont	inued		DIVERSIFIED	CONSUMER SERVICES—0.4%	
		JPMorgan Chase & Co.			Service Corp. International	
\$	4,000	1.470%—09/22/2027 ⁵	3,564	\$ 4,400	4.000%—05/15/2031	\$ 3,88
		_	10,614	DIVERSIFIED	FINANCIAL SERVICES—0.1%	
REVER	AGES—	-n 4%		2.1.2.1.0.1.12.0	National Rural Utilities Cooperative Corp.	
DE 4 FIN	AULU-	Anheuser-Busch Cos. LLC / Anheuser-Busch InBev		1,222	·	1,19
		Worldwide Inc.		DIVERSIFIED	TELECOMMUNICATION SERVICES—0.2%	
	4,441	4.900%—02/01/2046	4,406		Verizon Communications Inc.	
BUILDI	NG PRO	DDUCTS—1.3%		2,915	3.700%—03/22/2061	2,17
		Carlisle Cos. Inc.		ELECTRIC LIT	ILITIES—1.7%	
	3,250	2.200%—03/01/2032	2,576		Exelon Corp.	
	2,925	Carrier Global Corp. 3.377%—04/05/2040	2,280	3,100	4.050%—04/15/2030	
	2,020	Ferguson Finance plc	۷,۷00	1,500	5.625%—06/15/2035	1,58
	4,800	4.650%—04/20/2032 ¹	4,592			4,56
		Fortune Brands Home & Security Inc.			Jersey Central Power & Light Co.	
	4,700	3.250%—09/15/2029	4,216	900		88
		_	13,664	1,600	4.700%—04/01/2024 ¹	
САРІТА	L MAR	KETS—4.2%				2,47
		Ares Finance Co. IV LLC			New England Power Co.	
	4,500	3.650%—02/01/2052 ¹	2,997	2,877	5.936%—11/25/2052 ¹	3,16
		BGC Partners Inc.		2,865	NRG Energy Inc. 7.000%—03/15/2033 ¹	2,97
	6,300	5.375%—07/24/2023	6,279	2,003	Pacific Gas & Electric Co.	2,37
	5,800	BlackRock TCP Capital Corp. 2.850%—02/09/2026	5,199	2,900		2,73
	0,000	Blackstone Holdings Finance Co. LLC	3,133	1,700		
	6,000	3.200%—01/30/2052 ¹	3,834			4,38
	0.00-	Block Financial LLC Co.	A 15-			17,57
	3,600	3.875%—08/15/2030	3,195		IFAIT 0.00/	
	5,800	Golub Capital BDC Inc. 2.500%—08/24/2026	5,021	ENTERTAINN	IENT—0.2% Magallanes Inc.	
	3,000	Hercules Capital Inc.	0,021	2,000	5.141%—03/15/2052 ¹	1.60
	2,816	2.625%—09/16/2026	2,410	•		1,00
	0.000	KKR Group Finance Co. X LLC	4.004	EQUITY REAL	ESTATE INVESTMENT TRUSTS (REITs)—3.3%	
	3,000	3.250%—12/15/2051 ¹ Oaktree Specialty Lending Corp.	1,981	1,400	Agree LP Co. 2.900%—10/01/2030	1,19
	1,709	2.700%—01/15/2027	1,480	1,400	Alexandria Real Estate Equities Inc.	1,13
	.,. 00	Owl Rock Core Income Corp.	., 100	2,100	· •	1,82
	5,700	4.700%—02/08/2027	5,214	2,300	4.850%—04/15/2049	1,99
	F F00	Sixth Street Specialty Lending Inc.	4.050			3,82
	5,500	2.500%—08/01/2026	4,859		Boston Properties LP	
		-	42,469	4,905		4,37
сомм	ERCIAL	SERVICES & SUPPLIES—0.5%		0.000	Brandywine Operating Partnership LP	0.00
		Allegion US Holding Co.		3,000	4.100%—10/01/2024	2,82
	1,927	5.411%—07/01/2032	1,944	5,500	•	5,24
	2 510	Triton Container International Ltd. 2.050%—04/15/2026 ¹	2 12/	5,500	EPR Properties	J,= 1
	3,519	Z.UJU /0	3,134	1,900	4.500%—06/01/2027	1,69
		-	5,078	600	4.950%—04/15/2028	53
CONSU	MER FI	NANCE—0.7%				2,23
		Navient Corp. MTN ⁶			Equinix Inc.	
	1,704	6.125%—03/25/2024	1,691	5,000		4,54
	2,800	OneMain Finance Corp 6.875%—03/15/2025	2,744	4 500	GLP Capital LP / GLP Financing II Inc.	2 00
	2,000	Rocket Mortgage LLC / Rocket Mortgage Co-Issuer	۷,144	4,500	4.000%—01/15/2030	3,99
		Inc.		1,400		1,31
	2,856	2.875%—10/15/2026 ¹	2,546	,	Spirit Realty LP	
			6,981	4,700	3.400%—01/15/2030	4,07
						33,62

PORTFOLIO OF INVESTMENTS—Continued

CORP	ORATE I	BONDS & NOTES—Continued		CORP	ORATE I	30NDS & NOTES—Continued	
Princ Amo			Value	Princ Amo			Value
HEALTI	H CARE	PROVIDERS & SERVICES—1.3%		PROFE	SSIONA	L SERVICES—0.2%	
ф	1 005	CommonSpirit Health	1 000	Φ.	1 040	KBR Inc.	ተ 1 500
\$	1,325	4.187%—10/01/2049	1,092	\$	1,642	4.750%—09/30/2028 ¹	\$ 1,520
	382	6.943%—01/10/2030	394	ROAD	& RAIL-		
	4,454	7.507%—01/10/2032 ¹	4,817		1,145	Canadian Pacific Railway Co. 6.125%—09/15/2115	1,224
		_	5,211		1,143	Norfolk Southern Corp.	1,224
	4.000	HCA Inc.	4.001		3,800	4.050%—08/15/2052	3,200
	4,000	5.375%—09/01/2026	4,031				4,424
	3,347	5.375%—02/15/2030 ¹	3,061	SEMIC	ONDUC	TORS & SEMICONDUCTOR EQUIPMENT—1.4%	
		_	13,395			Broadcom Inc.	
UNTEL	е рест	- Aurants & Leisure—0.8%			6,904	3.137%—11/15/2035 ¹	5,350
HOTEL	o, neo i	Expedia Group Inc.			4,003	3.469%—04/15/2034¹	3,309 8,659
	3,450	6.250%—05/01/2025 ¹	3,493				8,059
	E 000	Marriott International Inc. 3.500%—10/15/2032	4,388		1,230	KLA Corp. 5.650%—11/01/2034	1,297
	5,000	3.300 %—10/13/2032			.,200	NXP BV/ NXP FDG/ NXP USA Co.	.,207
		-	7,881		4,600	3.875%—06/18/2026	4,455
INDUS	TRIAL C	ONGLOMERATES—0.8%				<u>.</u>	14,411
	4,540	Ashtead Capital Inc. 5.550%—05/30/2033 ¹	4,519	SOFTV	/ARE—(0.6%	
	1,010	Textron Inc.	1,010			Oracle Corp.	
	3,800	2.450%—03/15/2031	3,226		3,500	3.600%—04/01/2040	2,721
		_	7,745		3,600	4.650%—05/15/2027	3,573
INSUR	ANCE—	-0.8%			,	· · · · · · · · · · · · · · · · · · ·	6,294
		GA Global Funding Trust		ODEOL	NITV DE	TAIL 4.00/	
	4,000	1.950%—09/15/2028 ¹	3,420	SPECIA	ALIY KE	TAIL—1.0% Group 1 Automotive Inc.	
	5,675	5.000%—02/18/2031 ¹	4,728		2,900	4.000%—08/15/2028 ¹	2,576
	-,-	<u>-</u>	8,148		0.050	Lithia Motors Inc.	0.500
BAEDIA	0.00/	-			2,956	3.875%—06/01/2029 ¹	2,563
MEDIA	—0.6 %	Charter Communications Operating LLC / Charter			2,113	5.625%—04/15/2053	2,127
		Communications Operating Capital			0.010	Macy's Retail Holdings LLC	0.011
	4,775	5.375%—05/01/2047	3,912		3,612	5.875%—03/15/2030 ¹	3,211
	2,400	6.384%—10/23/2035	2,374				10,477
		-	6,286	TECHN	OLOGY	HARDWARE, STORAGE & PERIPHERALS—0.3%	
METAL	S & MII	NING—0.5%			3,210	Entegris Escrow Corp. 5.950%—06/15/2030 ¹	3,055
	5,267	Anglo American Capital plc 3.875%—03/16/2029 ¹	4,881		•	·	0,000
		-	4,001	TRADI	NG COM	IPANIES & DISTRIBUTORS—1.0%	
OIL, GA	S & CO	NSUMABLE FUELS—1.0%			6,200	Aircastle Ltd. 2.850%—01/26/2028 ¹	5,412
	1,193	Kinder Morgan Inc. 5.050%—02/15/2046	1,050		0,200	Aviation Capital Group LLC	0,
	.,	New Fortress Energy Inc.	.,000		5,300	4.125%—08/01/2025 ¹	5,067
	2,020	6.750%—09/15/2025 ¹	1,927			_	10,479
	13,200	Occidental Petroleum Corp. 0.000%—10/10/2036 ⁷	6,895	WIREL	ESS TEL	ECOMMUNICATION SERVICES—0.5%	
	. 5,200		9,872			American Tower Corp.	
BU - B-		-	3,012		1,118	3.650%—03/15/2027	1,070
PHARN	NACEUT	TICALS—0.4% Takeda Pharmaceutical Co. Ltd.			4,000	3.700%—06/15/2026	3,869
	1,500	2.050%—03/31/2030	1,276		,		4,939
	•	Teva Pharmaceutical Finance Netherlands III BV					.,000
	3,000	6.750%—03/01/2028	2,990			RATE BONDS & NOTES	202 512
			4,266	(008	ιφοι/,ΙΙ	61)	292,513

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

	PASS-THE	25.4%

Principal Amount		Value
	Federal Home Loan Mortgage Corp.	
\$ 30,884 22,422	2.500%—07/01/2050-05/01/2052	\$ 26,898 12,422
22,422	3.500%—01/01/2026-02/01/2035	223
13,012	4.000%—03/01/2025-11/01/2048	12,720
-,-	4.284% (U.S. Treasury Yield Curve Rate T Note 1	,
_	Year Constant Maturity Treasury + 2.250)	_
5	08/01/2035 ³	5
_	4.342% (U.S. Treasury Yield Curve Rate T Note 1 Year Constant Maturity Treasury + 2.253) 06/01/2024 ³	_
153	4.500%—12/01/2040-09/01/2041	153
419	5.500%—02/01/2038-07/01/2038	436
1,441	6.000%—01/01/2029-05/01/2040	1,499
		54,356
	Federal Home Loan Mortgage Corp. REMIC ⁸	
1,382	2.725% (1 Month USD LIBOR + 0.350) 08/15/2040 ³	1,343
1,360 4,112	2.914% (1 Month USD LIBOR + 0.350) 10/15/2040 ³ 3.000%—05/15/2035	1,323 372
4,112	3.862% (1 Month USD LIBOR + 0.450) 11/15/2030 ³	372
4,335	4.000%—10/15/2042	724
		3,762
	Federal Home Loan Mortgage Corp. Structured Pass	
	Through Certificates	
	Series T-63 Cl. 1A1	
45	2.304% (Fed 12 Month Treasury Average Constant	4.4
45	Maturity Treasury + 1.200) 02/25/2045 ³	44
10	3.814%—08/15/2032 ³	10
		54
	Federal National Mortgage Association	
35,174	2.500%—06/01/2050-04/01/2052	30,702
29,621	3.000%—11/01/2025-12/01/2050	27,014
	3.449% (Fed 12 Month Treasury Average Constant	
95	Maturity Treasury + 1.400) 10/01/2040 ³	20.020
32,814 197	3.764% (12 Month USD LIBOR + 1.715) 06/01/2035 ³ .	20,930 201
18	3.820% (12 Month USD LIBOR + 1.695) 05/01/2035 ³ .	18
249	3.943% (12 Month USD LIBOR + 1.693) 08/01/2035 ³ .	245
41,490	4.000%—02/01/2024-07/01/2051	40,599
29,003	4.500%—05/01/2023-12/01/2050	28,884
1,015 10,240	5.000%—10/01/2031-06/01/2044	1,027 10,599
3.222	6.000%—07/01/2023-06/01/2040	3,339
		163,651
	Federal National Mortgage Association REMIC ⁸	
11,003	0.369%—09/25/2057 ³	457
23	2.869%—05/25/2035 ³	23
1,667	2.874% (1 Month USD LIBOR + 0.310) 06/25/2055 ³	1,624
4,892	3.500%—10/25/2041	4,654
7,154 94	4.000%—07/25/2050	1,406 91
10,465	5.000%—04/25/2033-05/25/2045	2,210
2,289	6.000%—07/25/2041	386
		10,851
	Government National Mortgage Association	<u> </u>
588	3.000%—11/15/2049	542
4,518	3.111%—07/20/2037 ³	215
3,690	3.211%—07/20/2037 ³	312
8,719 23,450	4.000%—03/20/2041-03/15/2050	4,716 19,711
23,430	3.000 /0-00/ 13/ 2033-00/ 13/ 2030	13,711

MORTGAGE PASS-THROUGH—Continued

Principal Amount		V	alue
\$ 758 353	5.500%—02/20/2039 6.000%—10/20/2038	\$	144 50
			25,690
	Government National Mortgage Association II 2.000% (U.S. Treasury Yield Curve Rate T Note 1 Year Constant Maturity Treasury + 1.500)		
1	10/20/2025 ³ 2.625% (U.S. Treasury Yield Curve Rate T Note 1 Year Constant Maturity Treasury + 1.500)		1
122	09/20/2023-02/20/2032 ³		121
32	10/20/2025-11/20/2029 ³		31
5	05/20/2024 ³		5
6 1,233 49	07/20/2024-09/20/2024 ³		6 1,224 49
		_	1,437
	BAGE PASS-THROUGH 09)		259,801
MUNICIPAL P	30NDS0.6%		
MUNICIPAL			
2,845	New York State Dormitory Authority 3.399%—03/15/2032		2,623
3,900	1.496%—03/15/2027		3,528
TOTAL MUNIC (Cost \$6,745)	IPAL BONDS		6,151
U.S. GOVERN	MENT OBLIGATIONS—21.9%		
	Small Business Administration Participation Certificates Series 2003-201 Cl. 1		
2	5.130%—09/01/2023		2
635	5.720%—01/01/2029		632
964	6.020%—08/01/2028	_	949 1,583
	U.S. Treasury Bonds	_	1,505
2,619 74,081 34,359 9,447 7,730 10,665 1,006 17,205 57,392 1,831 6,070	1.375%—08/15/2050 1.750%—08/15/2041 2.000%—08/15/2051 2.250%—02/15/2052 2.375%—02/15/2052 3.000%—08/15/2052 3.250%—08/31/2024 3.375%—08/15/2042 3.500%—01/31/2028 3.875%—01/15/2026 4.125%—01/31/2025		1,577 53,921 24,199 7,053 6,241 9,372 990 16,208 57,334 1,834 6,061
			184,790

PORTFOLIO OF INVESTMENTS—Continued

Principal Amounts, Value and Cost in Thousands

U.S	S. GOVERN	MENT OBLIGATIONS—Continued	
	rincipal Imount		Value
\$	39,490	U.S. Treasury Notes 2.750%—08/15/2032	\$ 37,383
		OVERNMENT OBLIGATIONS 03)	223,756

TOTAL INVESTMENTS-	-99.1%	
(Cost \$1,109,790)		

CASH AND OTHER ASSETS, LESS LIABILITIES—0.9% 9,0 TOTAL NET ASSETS—100.0% \$1,020,9

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 2.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$256,942 or 25% of net assets.

² CLO after the name of a security stands for Collateralized Loan Obligation.

³ Variable or floating rate security; the stated rate represents the rate in effect as of April 30, 2023. The variable rate for such securities may be based on the indicated reference rate and spread or on an underlying asset or pool of assets rather than a reference rate and may be determined by current interest rates, prepayments or other financial indicators.

⁴ Step coupon security; the stated rate represents the rate in effect as of April 30, 2023.

⁵ Rate changes from fixed to variable rate at a specified date prior to its final maturity. Stated rate is fixed rate currently in effect and stated date is the final maturity date.

⁶ MTN after the name of a security stands for Medium Term Note.

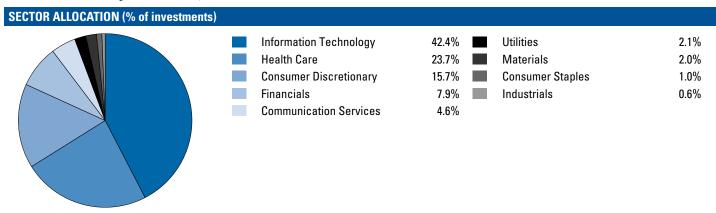
⁷ Zero coupon bond

⁸ REMICs are collateralized mortgage obligations which can hold mortgages secured by any type of real property and issue multiple-class securities backed by those mortgages.

Harbor Disruptive Innovation Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Adviser: Harbor Capital Advisors, Inc.



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—99.8%

Shares		Va	alue
AUTOMOBI	ILES—1.2%		
6,004	Tesla Inc.*	\$	986
BIOTECHNO	DLOGY—11.5%		
5,434	89bio Inc.*		87
32,035	Alkermes plc (Ireland)* Allogene Therapeutics Inc.* Apellis Pharmaceuticals Inc.*		915
51,339	Allogene Therapeutics Inc.*		279
3,668	Apellis Pharmaceuticals Inc.*		306
15,262	Arrowhead Pharmaceuticals Inc		540
10,267	Ascendis Pharma AS ADR (Denmark)*,1		718
216,283	Autolus Therapeutics plc ADR (United Kingdom)*,1		39
22,211	Avidity Biosciences Inc.*		27
18,613	Bicycle Therapeutics plc ADR (United Kingdom)*,1		36
51,869	C4 Therapeutics Inc.*		15
10,727	Fate Therapeutics Inc.*		6
	Freeline Therapeutics Holdings plc ADR (United		
110,247	Kingdom)*,1		3
9,767	Intellia Therapeutics Inc.*		36
49,829	Iovance Biotherapeutics Inc.*		28
6,190	Krystal Biotech Inc.*		52
11,034	Kymera Therapeutics Inc.*		34
148,102	Magenta Therapeutics Inc.*		11
98,498	Precision BioSciences Inc.		8
1,748	Prometheus Biosciences Inc.*		33
23,634	REGENXBIO Inc.*		45
32,711	Repare Therapeutics Inc. (Canada)*		29
22,792	Replimune Group Inc.*		38
47,977	Rocket Pharmaceuticals Inc.*		86
2,451	Sarepta Therapeutics Inc.*		30
257,020	Synlogic Inc.*		13
65,825	TCR ² Therapeutics Inc.*		11
19,143	UniQure NV (Netherlands)*		37
		-	9,11
DO A DI 1811	F DETAIL 270/		
	E RETAIL—7.7%		n F0
33,497	Amazon.com Inc.*		3,53
2,048	MercadoLibre Inc. (Brazil)*	_	2,61
			6,14
	R STAPLES DISTRIBUTION—1.0%		
125,806	Dada Nexus Ltd. ADR (China)*,1		76

Shares		Value
	RS & PACKAGING—2.0% Ball Corp	ф 1 C17
30,409	ball corp	\$ 1,617
ELECTRIC U	ITILITIES—2.1%	
21,802	NextEra Energy Inc	1,671
ENTERTAIN	IMENT—0.7%	
7,092	Sea Ltd. ADR (Singapore)*,1	540
FINANCIAI	SERVICES—6.8%	
1,402	Adyen NV (Netherlands)*,2	2,253
22,767	Block Inc.*	1,384
10,931	Fisery Inc.*	1,335
23,879	Toast Inc.*	434
		5,406
НЕДІТН СД	RE EQUIPMENT & SUPPLIES—4.6%	
11.845	Dexcom Inc.*	1,437
874	IDEXX Laboratories Inc.*	430
1,080	Inspire Medical Systems Inc.*	289
1,920	Insulet Corp.*	611
5,140	Insulet Corp.*	439
1,114	The Cooper Companies Inc	425
		3,631
HEALTH CA	RE PROVIDERS & SERVICES—0.9%	
160,085	Invitae Corp.*	218
1,028	UnitedHealth Group Inc	506
		724
HOTELS, RE	STAURANTS & LEISURE—4.7%	
7.263	Airbnb Inc.*	869
550	Chipotle Mexican Grill Inc.*	1,137
981,180	Deliveroo plc (United Kingdom)*,2	1,350
6,268	DoorDash Inc.*	384
		3,740
INSURANC	E 110/	
6.309	The Progressive Corp	861
-,		
13.558	VE MEDIA & SERVICES—1.8% Alphabet Inc. Class A*	1.455
10,000	Alphabet IIIc. Glass A	1,433

Harbor Disruptive Innovation Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value IT SERVICES-5.6% 16,984 2,725 MongoDB Inc.* 19.289 Okta Inc.*.... 1,322 11,803 Shopify Inc. (Canada)*..... 572 7,289 Snowflake Inc.*.... 1,079 4.426 **LEISURE PRODUCTS—0.8% LIFE SCIENCES TOOLS & SERVICES—5.1%** Bio-Rad Laboratories Inc.* 472 5,575 1,321 5,913 1,139 Lonza Group AG (Switzerland)..... 577 Thermo Fisher Scientific Inc..... 517 4,026 **MACHINERY—0.6%** 3,558 Chart Industries Inc.*.... 12,803 Arvinas Inc.* 336 Catalent Inc.*.... 7,579 380 1.577 624 1,340 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—12.2% 583 6,719 Applied Materials Inc..... 760 1,907 ASML Holding NV (Netherlands)..... 1,210 4,286 2.246 25,941 1,893 3,451 NVIDIA Corp..... 958 9,427 1,576 Wolfspeed Inc.*.... 11,078 516 9,742

COMMON STOCKS—Continued

Snares		value
SOFTWARE		
309,728	Agora Inc. ADR (China)*,1	\$ 1,038
9,341	Atlassian Corp. plc*	1,379
9,684	Cadence Design Systems Inc.*	2,028
6,262	Datadog Inc. Class A*	422
9,015	Dynatrace Inc.*	381
13,866	Fortinet Inc.*	874
2,177	HubSpot Inc.*	917
10,219	Microsoft Corp	3,140
3,102	Palo Alto Networks Inc.*	566
6,685	Salesforce.com Inc.*	1,326
62,627	Samsara Inc.*	1,131
4,993	ServiceNow Inc.*	2,294
16,420	Smartsheet Inc.*	671
6,669	Splunk Inc.*	575
14,829	Workday Inc.*	2,760
		19,502
CDECIVITA	RETAIL—1.2%	
	Farfetch Ltd. (United Kingdom)*	953
200,400	Turreter Eta. (Ornica Kingaoin)	
WIRELESS	TELECOMMUNICATION SERVICES—2.0%	
11,261	T-Mobile US Inc.*	1,620
TOTAL COM	IMON STOCKS	
	,618)	79,352
TOTAL INVI	ESTMENTS—99.8%	
	,618)	79,352
	OTHER ASSETS, LESS LIABILITIES—0.2%	
	ASSETS—100.0%	
. SIME HE	7100210 10010/0	Ψ1 0,000

FAIR VALUE MEASUREMENTS

As of April 30, 2023, the investments in Adyen NV, ASML Holding NV, Deliveroo plc, and Lonza Group AG (as disclosed in the preceding Portfolio of Investments) were classified as Level 2 and all other investments were classified as Level 1.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

^{*} Non-income producing security

¹ Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

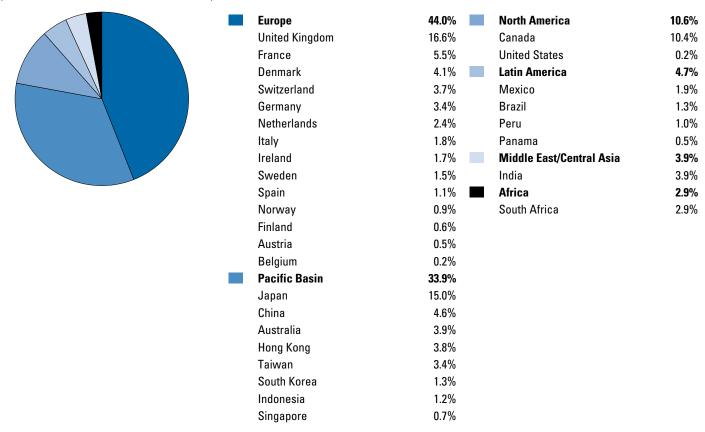
² Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$3.603 or 5% of net assets.

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Marathon Asset Management Limited

REGION BREAKDOWN (% of investments)

(Excludes short-term investments and derivatives)



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, there was no foreign currency denomination that comprised more than 25% of the Fund's net assets.

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—97.6%

Shares		Value
AEROSPAC	E & DEFENSE—1.2%	
18,020	Airbus SE (France)	\$ 2,523
332,518	BAE Systems plc (United Kingdom)	4,236
105,778	Melrose Industries plc (United Kingdom)	545
1,541,012	Rolls-Royce Holdings plc (United Kingdom)*	2,952
11,143	Thales SA (France)	1,701
		11,957
AIR FREIGH	IT & LOGISTICS—0.1%	
213,073	National Express Group plc (United Kingdom)*	326
24,037	Oesterreichische Post AG (Austria)	926
		1,252
AIRLINES—	-1.0%	
157,000	Air Canada (Canada)*	2,197
57,207	Copa Holdings SA (Panama)	5,167

Shares		Value
AIRLINES-		
253,817	EasyJet plc (United Kingdom)*	
313,568	Qantas Airways Ltd. (Australia)*	1,383
		10,339
AUTO COM	IPONENTS—0.7%	
93,900	Bridgestone Corp. (Japan)	3,771
104,008	Dowlais Group plc (United Kingdom)*	173
238,097	Gestamp Automocion SA (Spain) ¹	1,031
309,156	Johnson Electric Holdings Ltd. (Hong Kong)	346
31,991	Magna International Inc. (Canada)	1,668
		6,989
AUTOMOB	ILES—0.4%	
32,587	Bayerische Motoren Werke AG (Germany)	3,653

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares			Value
BANKS—1	1.2%		
.======	Australia & New Zealand Banking Group Ltd	_	
152,780	(Australia)	\$	2,481
609,208	Bank of Ireland Group plc (Ireland)*		6,301
60,932	Bank of Nova Scotia (Canada) ²		3,041
3,534,142	Barclays plc (United Kingdom)		7,119
113,027	BNP Paribas SA (France)*		7,303
1,036,315	CaixaBank SA (Spain)		3,836
53,213	Capitec Bank Holdings Ltd. (South Africa)		4,638
52,384	Close Brothers Group plc (United Kingdom)		599
16,067	Danske Bank AS (Denmark)*		340
151,547	DBS Group Holdings Ltd. (Singapore)*		3,745
89,678	DNB Bank ASA (Norway) ²		1,577
52,500	Fukuoka Financial Group Inc. (Japan)		989
943,600	Grupo Financiero Banorte SAB de CV (Mexico)*		8,178
189,711	HDFC Bank Ltd. ADR (India) ³		13,242
131,162	HSBC Holdings plc (Hong Kong)		941
64,492	Intesa Sanpaolo SpA (Italy)*		170
9,814,578	Lloyds Banking Group plc (United Kingdom)		5,962
18,324,400	PT Bank Central Asia TBK (Indonesia)		11,340
1,157,600	Resona Holdings Inc. (Japan)		5,769
194,641	Shinhan Financial Group Co. Ltd. (South Korea)*		5,096
360,018	Standard Chartered plc (United Kingdom)		2,852
31,800	Sumitomo Mitsui Financial Group Inc. (Japan)		1,300
119,700	Sumitomo Mitsui Trust Holdings Inc. (Japan)		4,315
293,174	Svenska Handelsbanken AB (Sweden)		2,592
358,863	UniCredit SpA (Italy)		7,111
84,782	United Overseas Bank Ltd. (Singapore)	_	1,801
		_	112,638
BEVERAGE	S3 1%		
28,576	Anheuser-Busch InBev SA NV (Belgium)		1,858
428,400	Arca Continental SAB de CV (Mexico)		4,092
50,700	Asahi Group Holdings Ltd. (Japan)		1,959
16,293	Carlsberg AS (Denmark)		2,696
32,454	Coca-Cola Europacific Partners plc (United States)		2,092
130,944	Davide Campari-Milano NV (Italy)		1,688
105,151	Diageo plc (United Kingdom)		4,796
43,182	Heineken NV (Netherlands)		4,958
428,100	Kirin Holdings Co. Ltd. (Japan)		6,955
1,949	Pernod Ricard SA (France)		450
.,0.0		_	31,544
		_	31,344
BIOTECHN	OLOGY—0.5%		
22,940	CSL Ltd. (Australia)		4,580
DIIII DINC I	PRODUCTS—1.1%		
	Acce Ablay AD Class D / Consider)2		4,993
299,619	Fletcher Building Ltd. (New Zealand)		
	Geberit AG (Switzerland)		835
7,273 157,165	GWA Group Ltd. (Australia)		4,142
	LIXIL Group Corp. (Japan)		184
26,500	LIXIL Group Corp. (Japan)	_	417
		_	10,571
CAPITAL M	ARKETS—2.1%		
301,260	3i Group plc (United Kingdom)		6,703
49,781	Brookfield Asset Management A (Canada)		1,669
199,122	Brookfield Corp. (Canada)		6,461
134,085	IG Group Holdings plc (United Kingdom)		1,238
451,206	Jupiter Fund Management plc (United Kingdom)		738
565,200	Nomura Holdings Inc. (Japan)		2,026
28,206	Rathbone Brothers plc (United Kingdom)		694
125,173	St. James's Place plc (United Kingdom)		1,903
,		_	
		_	21,432

Shares	Value
CHEMICALS—0.8%	
195,200 Air Water Inc. (Japan)	\$ 2,467
61,973 BASF SE (Germany)	3,206
33,600 Nissan Chemical Corp. (Japan)	1,493
27,100 Sumitomo Bakelite Co. Ltd. (Japan)	1,036
,	8,202
COMMERCIAL SERVICES & SUPPLIES—1.2%	
12,000 AEON Delight Co. Ltd. (Japan)	266
11,351 Befesa SA (Germany) ¹	511
121,338 Brambles Ltd. (Australia).	1,149
808,419 Cleanaway Waste Management Ltd. (Australia)	1,302
37,300 Daiei Kankyo Co. Ltd. (Japan)*	506
33,860 Elis SA (France)	672
74,820 Ritchie Bros Auctioneers Inc. (Canada) ²	4,281
16,100 SECOM Co. Ltd. (Japan)	1,031
1,119,646 Serco Group plc (United Kingdom)	2,142
	11,860
CONSTRUCTION & ENGINEERING—1.1%	
17,053 Ferrovial SA (Spain)	535
192,700 Infroneer Holdings Inc. (Japan)	1,522
380,100 Obayashi Corp. (Japan)	3,169
267,900 Penta-Ocean Construction Co. Ltd. (Japan)	1,302
167,805 SNC-Lavalin Group Inc. (Canada)	3,864
5,855 Taisei Corp. (Japan)	199
	10,591
CONSTRUCTION MATERIALS—1.1%	
Beijing Oriental Yuhong Waterproof Technology Co. Ltd.	000
160,900 Class A (China)	690
20,032 CRH plc (Ireland)	967
55,073 Holcim Ltd. (Switzerland)*	3,639 236
23,762 James Hardie Industries PLC CDI (Australia)*3	530
141,800 Taiheiyo Cement Corp. (Japan)	2,543
8,516 Vicat SA (France)	248
77,904 Wienerberger AG (Austria)	2,347
,,	11,200
CONSUMER FINANCE—0.2%	
322,755 International Personal Finance plc (United Kingdom)	399
83,400 Marui Group Co. Ltd. (Japan)	1,329
388,582 Non-Standard Finance plc (United Kingdom)*,1	3
228,305 Provident Financial plc (United Kingdom)	646
	2,377
CONSUMER STAPLES DISTRIBUTION—0.2%	
83,484 HelloFresh SE (Germany)*	2,242
CONSUMER STAPLES DISTRIBUTION & RETAIL—0.6%	
120,369 Alimentation Couche-Tard Inc. (Canada)	6,008
CONTAINERS & PACKAGING—0.4%	
577,478 DS Smith plc (United Kingdom)	2,255
152,800 Toyo Seikan Group Holdings Ltd. (Japan)	
	4,413
DISTRIBUTORS—0.2%	
239,357 Inchcape plc (United Kingdom)	2,437
DIVERSIFIED FINANCIAL SERVICES—1.5%	
	594
785,443 AMP Ltd. (Australia)*	6,622
= 102.7000 Do Diddii Dolou Dulou Ori (Diddii)	0,022

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
DIVERSIFIED	FINANCIAL SERVICES—Continued	
677.802	Chailease Holding Co. Ltd. (Taiwan)	\$ 4,936
98,896	Challenger Ltd. (Australia)	398
21,058	Macquarie Group Ltd. (Australia)	2,569
		15,119
DIVEDOLELE	TELECOMMUNICATION OF DUIOFO. 4 FO	
44,026	D TELECOMMUNICATION SERVICES—1.5% BCE Inc. (Canada)	2,116
44,020	Deutsche Telekom AG (Germany)	1,139
714,165	Koninklijke KPN NV (Netherlands)	2,605
274,800	Nippon Telegraph & Telephone Corp. (Japan)	8,385
285,461	Telstra Corp. Ltd. (Australia)	828
	,	15,073
EL FOTDIO III	THITIES 0.00/	
22,711	TILITIES—0.2% Orsted AS (Denmark) ¹	2,038
	, ,	2,000
	. EQUIPMENT—2.8%	4 101
115,905	ABB Ltd. (Switzerland)	4,181
3,635	Accelleron Industries AG (Switzerland)*	90
232,208 51,371	Legrand SA (France)	3,498
235,800	Mitsubishi Electric Corp. (Japan)	4,862 2,924
27,389	Schneider Electric SE (France)	4,776
27,303	Vestas Wind Systems AS (Denmark)*	7.477
270,212	vostas vina systems no (Bonnark)	27,808
EL EGERGANA	COMPANY INCOMMENTS & COMPONENTS A 487	
	C EQUIPMENT, INSTRUMENTS & COMPONENTS—1.1%	C 400
653,315 22,200	Delta Electronics Inc. (Taiwan)	6,400
11,900	Omron Corp. (Japan)	1,165 698
60,000	TDK Corp. (Japan).	2,063
33,700	Topcon Corp. (Japan)	480
		10,806
ENERGY FO	UIPMENT & SERVICES—0.1%	
271,117	John Wood Group plc (United Kingdom)*	769
113,028	Petrofac Ltd. (United Kingdom)*	102
27,814	Technip Energies NV (France)	617
	,	1,488
FAITEDTAIN	MENT 0.00	
24,055	MENT—0.2% CTS Eventim AG & Co. KGaA (Germany)	1,585
54,668	Modern Times Group MTG AB Class B (Sweden)*	439
•		2,024
FINIANICIAL	CEDWICEC D 40/	
68,643	SERVICES—0.4% Edenred (France)	4,460
	, ,	
	PLES RETAILING—2.5%	0.440
269,788	Bid Corp. Ltd. (South Africa)	6,146
252,675	Clicks Group Ltd. (South Africa)	3,689
103,706 71,649	Koninklijke Ahold Delhaize NV (Netherlands) Loblaw Cos. Ltd. (Canada)	3,566 6,739
17,800	Matsumotokiyoshi Holdings Co. Ltd. (Japan)	953
279,974	Metcash Ltd. (Australia)	726
35,600	Seven & I Holdings Co. Ltd. (Japan)	1,613
466,255	Tesco plc (United Kingdom)	1,649
140,921	X5 Retail Group NV GDR (Russia)*	x
,		25,081
EOOD DDOD	HCTC 1 10/	
828,000	UCTS—1.1% China Mengniu Dairy Co. Ltd. (China)*	3,342
710,000	First Pacific Co. Ltd. (Hong Kong)	238
0,000		

Shares		Value
	DUCTS—Continued	
57,600	Megmilk Snow Brand Co. Ltd. (Japan)	\$ 827
52,600	NH Foods Ltd. (Japan)	1,535
52,300	Toyo Suisan Kaisha Ltd. (Japan)	2,335
27,302	Viscofan SA (Spain)	1,871
9,600	Yakult Honsha Co. Ltd. (Japan)	722
		10,870
80.427	RANSPORTATION—1.3% Canadian Pacific Kansas City (Canada)	6,340
574,454	Localiza Rent A Car Ltd. (Brazil)*	6,681
,		13,021
HEAITH CA	RE EQUIPMENT & SUPPLIES—2.4%	
41,756	Coloplast AS Class B (Denmark)	6,016
1,085,293	ConvaTec Group plc (United Kingdom) ¹	3,000
76,743	Demant AS (Denmark)*	3,289
27,172	EssilorLuxottica SA (France)	5,380
52,594	Getinge AB Class B (Sweden)	1,335
67,583	Koninklijke Philips NV (Netherlands)*	1,427
41,193	Smith & Nephew plc (United Kingdom)	678
7,715	Sonova Holding AG (Switzerland)	2,447
.,	oonota notanig / to (othizonana)	23,572
HEAITH CA	RE PROVIDERS & SERVICES—0.8%	
62,136	Amplifon SpA (Italy)	2,281
76,392	Fresenius Medical Care AG & Co. KGaA (Germany)	3,707
97,400	MediPAL Holdings Corp. (Japan)	1,488
42,300	Ship Healthcare Holdings Inc. (Japan)	746
12,000	omp risulations ristantige me. (capany	8,222
HOTELS RI	ESTAURANTS & LEISURE—3.1%	
50,344	Aristocrat Leisure Ltd. (Australia)	1,273
40,401	Carnival plc (United Kingdom)*	334
271,688	Compass Group plc (United Kingdom)	7,167
258,158	Entain plc (United Kingdom)*	4,704
42,686	Flutter Entertainment plc (Ireland)*	8,529
287,000	Galaxy Entertainment Group Ltd. (Hong Kong)*	2,043
13,563	InterContinental Hotels Group plc (United Kingdom)	933
73,978	Playtech plc (United Kingdom)*	537
1,182,276	SSP Group plc (United Kingdom)*	3,830
231,851	TUI AG (Germany)*	1,483
		30,833
HOUSEHOL	.D DURABLES—1.3%	
92,367	Barratt Developments plc (United Kingdom)	581
55,476	GN Store Nord AS (Denmark)*	1,481
879,400	Midea Group Co. Ltd. (China)	7,218
62,700	Sekisui Chemical Co. Ltd. (Japan)	892
22,000	Sony Group Corp. (Japan)	1,991
673,004	Taylor Wimpey plc (United Kingdom)	1,086
		13,249
	D PRODUCTS—0.5%	
59,367	Reckitt Benckiser Group plc (United Kingdom)	4,797
	AL CONGLOMERATES—1.2%	4 40:
214,500	CK Hutchison Holdings Ltd. (Hong Kong)	1,434
31,848	DCC plc (United Kingdom)	1,981
99,900	Hitachi Ltd. (Japan)	5,526
46,000	Jardine Matheson Holdings Ltd. (Hong Kong)	2,224
156,100	Nisshinbo Holdings Inc. (Japan)	1,202
		12,367

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
INSURANC		
76,354	Admiral Group plc (United Kingdom)	\$ 2,219
1,765,600	AIA Group Ltd. (Hong Kong)	19,222
160,844	AXA SA (France)	5,250
218,900	Dai-ichi Life Holdings Inc. (Japan)	4,072
17,580	Fairfax Financial Holdings Ltd. (Canada)	12,285
71,800	Great Eastern Holdings Ltd. (Singapore)	918
5,889	Hannover Rueck SE (Germany)	1,258
4,472	Helvetia Holding AG (Switzerland)	669
74,250	Hiscox Ltd. (United Kingdom)	1,105
186,600	Japan Post Holdings Co. Ltd. (Japan)	1,536
19,350	Prudential plc (Hong Kong)	292 2,377
155,369 316.764	QBE Insurance Group Ltd. (Australia)	3,239
98,603	Sampo OYJ (Finland)	5,001
196,500	Tokio Marine Holdings Inc. (Japan)	3,951
130,300	Tokio Marine Holdings Inc. (Japan).	
		63,394
INTERACTI	VE MEDIA & SERVICES—1.2%	
233,184	Auto Trader Group plc (United Kingdom) ¹	1,865
36,022	Baidu Inc. ADR (China)*,3	4,345
58,156	Carsales.com Ltd. (Australia)	922
678,352	Rightmove plc (United Kingdom)	4,910
		12,042
INTERNET	& DIRECT MARKETING RETAIL—1.8%	
11,534	Just Eat Takeaway.com NV (Netherlands)*,1	202
53,247	Naspers Ltd. (South Africa)	9,492
360,155	Vipshop Holdings Ltd. ADR (China)*,3	5,654
39,189	Zalando SE (Germany)*,1	1,612
61,800	Z0Z0 Inc. (Japan)	1,301
		18,261
IT SERVICE	S2 3%	
13,901	ALTEN SA (France)	2,363
299,985	Infosys Ltd. ADR (India) ³	4,662
83,400	NEC Corp. (Japan)	3,207
49,100	NET One Systems Co. Ltd. (Japan)*	1,158
38,700	NS Solutions Corp. (Japan)	1,053
58,500	NTT Data Corp. (Japan)	795
5,800	Reply SpA (Italy)	676
99,400	SCSK Corp. (Japan)	1,501
52,676	Softcat plc (United Kingdom)	887
172,964	Tata Consultancy Services Ltd. (India)	6,829
		23,131
LEISURE PE	RODUCTS—0.7%	
12,416	Mips AB (Sweden)	671
125,000	Sega Sammy Holdings Inc. (Japan)	2,337
128,466	Spin Master Corp. (Canada) ¹	3,655
•		6,663
LIEF COIEN	OFF TOOLS & SERVICES OF ANY	
38,262	CES TOOLS & SERVICES—0.4% Eurofins Scientific SE (France)	2 672
7.884	Gerresheimer AG (Germany).	2,673
7,004	defreshelmer Ad (definially)	859
		3,532
MACHINER		
31,260	ALFA Laval AB (Sweden)	1,147
21,218	Andritz AG (Austria)	1,378
342,552	CNH Industrial NV (Italy)	4,820
71,300	Daifuku Co. Ltd. (Japan)	1,314
123,642	Fluidra SA (Spain)	2,118
15,128	GEA Group AG (Germany)	711

Shares		Value
MACHINER	Y—Continued	
70,285	Iveco Group NV (Italy)*	\$ 632
26,900	Komatsu Ltd. (Japan)	669
69,800	Kubota Corp. (Japan)	1,058
88,600	Mitsubishi Heavy Industries Ltd. (Japan)	3,360
34,600	Miura Co. Ltd. (Japan)	922
101,600	NSK Ltd. (Japan)	574
127,394 126,739	Rotork plc (United Kingdom)	525 2,582
1,328,800	Sany Heavy Industry Co. Ltd. (China)	3,170
27,037	Stabilus SA (Germany)	1,767
542,500	Techtronic Industries Co. Ltd. (Hong Kong)	5,869
27,800	Toyota Industries Corp. (Japan)	1,616
94,295	Wartsila OYJ ABP (Finland)	1,093
3,031,000	Weichai Power Co. Ltd. (China)	4,480
		39,805
MARINE—	0.1%	
207,747	Irish Continental Group plc (Ireland)	1,072
14,800	Kawasaki Kisen Kaisha Ltd. (Japan)	352
		1,424
MEDIA—1.	6%	
193,200	Fuji Media Holdings Inc. (Japan)	1,811
91,906	Future plc (United Kingdom)	1,304
78,400	Hakuhodo DY Holdings Inc. (Japan)	924
104,893	Informa plc (United Kingdom)	954
2,084,163	ITV plc (United Kingdom)	2,121
78,796	JCDecaux SA (France)*	1,744
130,820	Nippon Television Holdings Inc. (Japan)	1,177
23,388	Schibsted ASA Class A (Norway)	415
10,497 86,200	TBS Holdings Inc. (Japan)	170 1,300
45,453	Viaplay Group (Sweden)*	1,162
218,153	WPP plc (United Kingdom)	2,542
210,100	The following and the first terms are the first terms and the first terms are the firs	15,624
METALS &	MINING—5.9%	
114,931	Acerinox SA (Spain)*	1,242
379,615	African Rainbow Minerals Ltd. (South Africa)	4,769
27,825	Alleima AB (Sweden)*	143
152,107	ArcelorMittal SA (France)	4,321
314,106	Barrick Gold Corp. (Canada)	5,972
184,312	BHP Group Ltd. (Australia)	5,470
92,997	BlueScope Steel Ltd. (Australia)	1,236
36,100	Dowa Holdings Co. Ltd. (Japan)	1,179
360,832	Evolution Mining Ltd. (Australia)	851
176,584 27,687	First Quantum Minerals Ltd. (Canada) Franco-Nevada Corp. (Canada)	4,291 4,201
1,220,113	Glencore plc (United Kingdom)*	7,202
84,464	Newcrest Mining Ltd. (Australia)	1,613
67,739	Rio Tinto plc (United Kingdom)	4,306
320,373	Severstal PJSC GDR (Russia)*	
125,172	Southern Copper Corp. (Peru)	9,617
60,300	Sumitomo Metal Mining Co. Ltd. (Japan)	2,226
		58,639
OIL, GAS &	CONSUMABLE FUELS—4.3%	
773,610	Beach Energy Ltd. (Australia)	762
2,451,062	BP plc (United Kingdom)	16,444
149,259	Canadian Natural Resources Ltd. (Canada)	9,095
234,173	Equinor ASA (Norway) ²	6,742
209,600	INPEX Corp. (Japan)	2,294
244,051	PrairieSky Royalty Ltd. (Canada)	3,851

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
	CONSUMABLE FUELS—Continued	
535,966	Santos Ltd. (Australia)	\$ 2,539
74,789	Woodside Energy Group Ltd. (Australia)	1,697
		43,424
	DREST PRODUCTS—0.2%	
501,100	Oji Holdings Corp. (Japan)	1,969
PERSONAL 531.971	PRODUCTS—1.3% Dabur India Ltd. (India)	2 472
281,459	L'Occitane International SA (Hong Kong)	3,473 716
578,909	Marico Ltd. (India)*	3,530
98,815	Unilever plc (United Kingdom)	5,502
00,010	omover pro territori tanguerri,	13,221
РНАВМАС	EUTICALS—3.0%	
103,383	Novo Nordisk AS (Denmark)	17,198
34,875	Roche Holding AG (Switzerland)	10,921
14,800	Sawai Group Holdings Co. Ltd. (Japan)	428
64,900	Tsumura & Co. (Japan)	1,317
		29,864
PROFESSIO	NAL SERVICES—2.6%	
51,942	Adecco Group AG (Switzerland)*	1,787
138,843	ALS Ltd. (Australia)	1,212
1,863,282	Capita plc (United Kingdom)*	814
101,560	Experian plc (United Kingdom)	3,596
1,657,534	Hays plc (United Kingdom)	2,378
92,006	Intertek Group plc (United Kingdom)	4,813
98,366	IPH Ltd. (Australia)	532
44,100	Nomura Co. Ltd. (Japan)	305
120,711 40,100	PageGroup plc (United Kingdom)*	689 827
12,623	Randstad NV (Netherlands)	686
160,426	RELX plc (United Kingdom)	5,345
155,762	RWS Holdings plc (United Kingdom)	500
22,900	TechnoPro Holdings Inc. (Japan)	625
7,519	Teleperformance (France)	1,503
		25,612
REAL ESTA	TE MANAGEMENT & DEVELOPMENT—0.6%	
163,700	Daiwa House Industry Co. Ltd. (Japan)	4,172
46,176	Singapore Land Group Ltd (Singapore)	76
209,500	Swire Pacific Ltd. (Hong Kong)	1,663
		5,911
ROAD & RA		4 500
27,300 106,800	East Japan Railway Co. (Japan)	1,562 763
,	g(2,325
SEMICONO	OUCTORS & SEMICONDUCTOR EQUIPMENT—2.9%	
72,600	ASM Pacific Technology Ltd. (Hong Kong)	571
16,054	ASML Holding NV (Netherlands)	10,188
142,000	MediaTek Inc. (Taiwan)*	3,088
195,900	Renesas Electronics Corp. (Japan)*	2,553
3,400	ROHM Co. Ltd. (Japan)	256
760,000	Taiwan Semiconductor Manufacturing Co. Ltd. (Taiwan)	12 // [
100,000	(Taivvail)	12,445
		29,101
SOFTWARE	—1.0% Constellation Software Inc. (Canada)	7 002
4,083	Constantion Software Inc. (Callada)	7,992

Shares		Value
	—Continued	
12,250	Lumine Group Inc. (Canada)*	\$ 1
21,100	Oracle Corp. (Japan)	1,5
		9,6
	RETAIL—1.1%	
21,300	ABC-Mart Inc. (Japan)	1,2
1,384,700	Esprit Holdings Ltd. (Hong Kong)*	1
256,839 63,000	Pets at Home Group plc (United Kingdom)	1,2 1,0
106,659	WH Smith plc (United Kingdom)	2,1
1,136,500	Zhongsheng Group Holdings Ltd (China)	4,8
.,,		10,5
TECHNOLO	GY HARDWARE, STORAGE & PERIPHERALS—1.6%	
513,000	Advantech Co. Ltd. (Taiwan)	6,2
20,869	Logitech International SA (Switzerland)	1,2
18,704	Quadient SA (France)	3
157,811	Samsung Electronics Co Ltd. (South Korea)	7,7
		15,5
	APPAREL & LUXURY GOODS—2.1%	2.1
17,893 41,541	Adidas AG (Germany)	3,1
56,177	Gildan Activewear Inc. (Canada)	6,8 1,8
463,500	Li Ning Co. Ltd. (China)	3,3
303,600	Samsonite International SA (Hong Kong)*,1	9
443,600	Shenzhou International Group Holdings Ltd. (China)	4,2
436,570	Stella International Holdings Ltd. (Hong Kong)	4
		20,8
	MORTGAGE FINANCE—0.3%	0.5
74,355	Housing Development Finance Corp. Ltd. (India)	2,5
	OMPANIES & DISTRIBUTORS—1.7%	
442,800	BOC Aviation Ltd. (China) ¹	3,5
49,629 106,286	Brenntag SE (Germany)	4,0
100,280	Bunzl plc (United Kingdom)	4,2 2,7
65,100	ITOCHU Corp. (Japan)	2,1
29,891	Rexel SA (France)*	6
		17,3
TRANSPOR	TATION INFRASTRUCTURE—0.9%	
86,479	Getlink SE (France)	1,6
	Grupo Aeroportuario del Pacifico SAB de CV Class B	
326,634	(Mexico)	5,8
52,400	Mitsubishi Logistics Corp. (Japan)	1,2
		8,7
WIRELESS 30,200	TELECOMMUNICATION SERVICES—0.3% KDDI Corp. (Japan)	9
35,984	Rogers Communications Inc. (Canada)	1,7
00,001	nogoro communications mo. (canada)	2,7
TOTAL COM	MAON STOCKS	
	IMON STOCKS 5,568)	977,0

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

				0.3%

(Cost \$2,967)

Shares	Shares			
AUTOMOBI	LES-0.3%			
18,856	Volkswagen AG (Germany)	\$	2,575	

SHORT-TERM INVESTMENTS—0.9%

(Cost \$9,176)

Shares

9,176,318	State Street Navigator Securities Lending Government Money Market Portfolio (1 day yield of $4.840\%)^4.\dots$	9,176
	ESTMENTS—98.8%	
(Cost \$88	7,711)	988,817
CASH AND OTHER ASSETS, LESS LIABILITIES—1.2%		
TOTAL NET	ASSETS—100.0%	\$1,001,015

RIGHTS/WARRANTS					
				Cost	Value
Description	No. of Contracts	Strike Price	Expiration Date	(000s)	(000s)

Description No. of Contracts Strike Price Expiration Date (000s) (000s) Localiza Rent A Car SA Right 2,570 BRL 41.15 05/11/2023 \$— \$9

Cianificant

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Unobservable Inputs Level 3 (000s)	Total (000s)
Investments in Securities				
Common Stocks				
Africa	\$ —	\$ 28,734	\$	\$ 28,734
Europe	173	428,567	_	428,740
Latin America	46,165	_	_	46,165
Middle East/Central Asia	17,904	19,858	_	37,762
North America	104,301	_	_	104,301
Pacific Basin	9,999	321,365	_	331,364
Preferred Stocks				
Europe	_	2,575	_	2,575
Short-Term Investments				
Investment Company-Securities Lending Investment Fund	9,176		_	9,176
Total Investments in Securities	\$187,718	\$801,099	<u>\$—</u>	\$988,817
Financial Derivative Instruments - Assets				
Rights/Warrants	\$ 9	\$ —	\$	\$ 9
Total Investments.	\$187,727	\$801,099	\$	\$988,826

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

PORTFOLIO OF INVESTMENTS—Continued

The following is a rollforward of the Fund's Level 3 investments during the period ended April 30, 2023.

						Change in			Ending	Unrealized
	Beginning				Total	Unrealized	Transfers	Transfers	Balance	Gain/ Loss
	Balance			Discount/	Realized	Appreciation/	Into	Out of	as of	as of
	as of 11/01/2022	Purchases	Sales	(Premium)	Gain/(Loss)	(Depreciation)	Level 3	Level 3	04/30/2023	04/30/2023
Valuation Description	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)
Common Stocks	<u>\$—</u>	\$	\$	\$	\$	\$	\$—	\$—	\$	\$(11,174)

The following is a summary of significant unobservable inputs used in the fair valuations of assets and liabilities categorized within Level 3 of the fair value hierarchy.

Valuation Descriptions	Ending Balance as of 04/30/2023 (000s)	Valuation Technique	Unobservable Input(s)	Input Value(s)
Investments in Securities Common Stocks Severstal PJSC GDR (Russia)* X5 Retail Group NV GDR (Russia)*	\$— — <u>\$—</u>		Estimated Recovery Value Estimated Recovery Value	\$ 0.00 \$ 0.00

Non-income producing security

x Fair valued in accordance with Harbor Funds' Valuation Procedures.

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$18,389 or 2% of net assets.

² All or a portion of this security was out on loan as of April 30, 2023.

Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

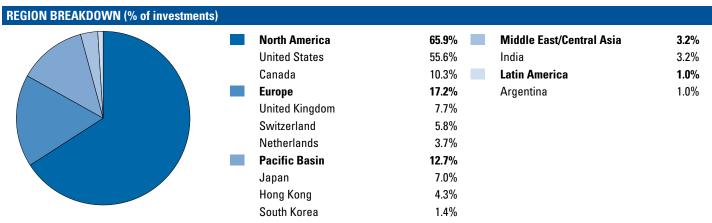
⁴ Represents the investment of collateral received from securities lending activities

BRL Brazilian Real

Harbor Global Leaders Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Sands Capital Management, LLC



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, there was no foreign currency denomination that comprised more than 25% of the Fund's net assets.

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMM	пы сто	CVC	OO EO/
LUMINI	UW 5111	1.02	-99.5%

Shares		Value
5,766 2,879	E & DEFENSE—5.1% Axon Enterprise Inc. (United States)* TransDigm Group Inc. (United States)*	\$ 1,215 2,202 3,417
	PONENTS—2.1% Aptiv plc (United States)*	1,373
BANKS—3 . 30,139	2% HDFC Bank Ltd. ADR (India) ¹	2,104
BROADLINE 56,975	RETAIL—1.4% Coupang Inc. (South Korea)*	955
168,497	ARKETS—3.6% Allfunds Group plc (Netherlands)	1,118 1,255 2,373
CHEMICALS 5,246	Sika AG (Switzerland)	1,449
308,650	AL SERVICES & SUPPLIES—3.7% Rentokil Initial plc (United Kingdom)	2,457
41,130	R STAPLES DISTRIBUTION & RETAIL—3.9% Alimentation Couche-Tard Inc. (Canada)	2,053 550 2,603
DIVERSIFIE 142,733	D CONSUMER SERVICES—3.9% Chegg Inc. (United States)*	2,566
ELECTRONI 5,760	C EQUIPMENT, INSTRUMENTS & COMPONENTS—3.9% Keyence Corp. (Japan)	2,598
	MENT—4.1% Liberty Media Corp. (United Kingdom)*	2,697

Shares		Value
FINANCIAL	SERVICES—6.7%	
854	Adyen NV (Netherlands)*,2	
13,152	Visa Inc. (United States)	3,061
		4,433
HEALTH CA	RE EQUIPMENT & SUPPLIES—2.3%	
7,982	Steris plc (United States)	1,505
HEALTH CA	RE PROVIDERS & SERVICES—1.6%	
2,157	UnitedHealth Group Inc. (United States)	1,061
INSURANC	F—4 3%	
261,700	AIA Group Ltd. (Hong Kong)	2,849
IT SERVICE	S 6 40/.	
38.700		1,821
4,038	Globant SA (Argentina)*	633
37,501	Shopify Inc. (Canada)*	1,817
		4,271
LIFE SCIEN	CES TOOLS & SERVICES—7.3%	
13,635	Bio-Techne Corp. (United States)	1,089
10,168	Iqvia Holdings Inc. (United States)*	1,914
2,966	Lonza Group AG (Switzerland)	1,850
		4,853
MEDIA—3.	5%	
6,352	Charter Communications Inc. (United States)*	2,342
PHARMAC	EUTICALS—2.3%	
	Zoetis Inc. (United States)	1,558
DBUEESSIU	NAL SERVICES—5.1%	
31,814		2,448
34,650	Recruit Holdings Co. Ltd. (Japan)	972
		3,420

Harbor Global Leaders Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

OCHRICONDUCTORO O OCHRICONDUCTOR COURRENT - COV	
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—5.3%	
	\$ 1,809
10,326 Texas Instruments Inc. (United States)	1,727
	3,536
SOFTWARE—14.6%	
1,538 Constellation Software Inc. (Canada)	3,011
6,650 Microsoft Corp. (United States)	2,043
6,656 Roper Technologies Inc. (United States)	3,027
3,600 ServiceNow Inc. (United States)*	1,654
	9,735
TRADING COMPANIES & DISTRIBUTORS—3.0%	
70,500 Monotaro Co. Ltd. (Japan)	1,066
6,178 Siteone Landscape Supply Inc. (United States)*	913
	1,979
TOTAL COMMON STOCKS	
(Cost \$58,144)	66,134
TOTAL INVESTMENTS—99.5%	
(Cost \$58,144)	66,134
CASH AND OTHER ASSETS, LESS LIABILITIES—0.5%	359
TOTAL NET ASSETS—100.0%	\$66,493

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Unobservable Inputs Level 3 (000s)	Total (000s)
Common Stocks				
Europe	\$ 2,697	\$ 8,796	\$	\$11,493
Latin America	633	· —	_	633
Middle East/Central Asia	2,104	_	_	2,104
North America	43,464	_	_	43,464
Pacific Basin	955	7,485		8,440
Total Investments in Securities	\$49,853	\$16,281	<u>\$—</u>	\$66,134

Cinnificant

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

Non-income producing security

¹ Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

² Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$1,372 or 2% of net assets.

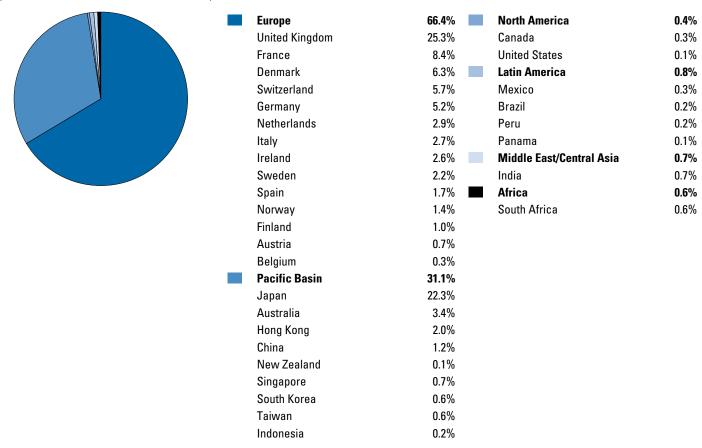
Harbor International Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Marathon Asset Management Limited

REGION BREAKDOWN (% of investments)

(Excludes short-term investments and derivatives)



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, there was no foreign currency denomination that comprised more than 25% of the Fund's net assets.

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

n	ΛI		M	CTO	CVC	_97 4%
н.	ш	ww			1.0 - 1.0 = 1.0	_9/4/0

Shares		Value
AEROSPAC	E & DEFENSE—1.8%	
99,453	Airbus SE (France)	\$ 13,927
1,811,226	BAE Systems plc (United Kingdom)	23,075
583,894	Melrose Industries plc (United Kingdom)	3,008
8,389,951	Rolls-Royce Holdings plc (United Kingdom)*	16,072
59,693	Thales SA (France)	9,109
		65,191
AIR FREIGH	IT & LOGISTICS—0.2%	
1,162,135	National Express Group plc (United Kingdom)*	1,776
127,905	Oesterreichische Post AG (Austria)	4,927
		6,703
AIRLINES-	-0.4%	
34,480	Copa Holdings SA (Panama)	3,114

Shares		Value
AIRLINES—	Continued	
1,354,021	EasyJet plc (United Kingdom)*	\$ 8,495
944,149	Qantas Airways Ltd. (Australia)*	4,164
		15,773
AUTO COMP	PONENTS—0.8%	
499,400	Bridgestone Corp. (Japan)	20,055
583,894	Dowlais Group plc (United Kingdom)*	973
1,306,467	Gestamp Automocion SA (Spain) ¹	5,656
73,395	Hankook Tire & Technology Co. Ltd. (South Korea)	1,896
755,183	Johnson Electric Holdings Ltd. (Hong Kong)	844
		29,424

Harbor International Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
AUTOMOB	ILES-0.6%	
177,234	Bayerische Motoren Werke AG (Germany)	\$ 19,865
8,457	Hyundai Motor Co. (South Korea)	1,253
		21,118
BANKS—1		
400 470	Australia & New Zealand Banking Group Ltd	7 477
460,476 187,503	(Australia)	7,477 1,979
3,250,702	Bank of Ireland Group plc (Ireland)*	33,622
19,198,407	Barclays plc (United Kingdom)	38,674
613,462	BNP Paribas SA (France)*	39,638
5,716,728	CaixaBank SA (Spain)	21,161
32,422	Capitec Bank Holdings Ltd. (South Africa)	2,826
284,713	Close Brothers Group plc (United Kingdom)	3,254
90,271	Danske Bank AS (Denmark)*	1,908
455,834	DBS Group Holdings Ltd. (Singapore)*	11,264
488,366	DNB Bank ASA (Norway) ²	8,590
278,200	Fukuoka Financial Group Inc. (Japan)	5,240
570,900	Grupo Financiero Banorte SAB de CV (Mexico)*	4,948
113,129	Hana Financial Group Inc. (South Korea)	3,555
114,779	HDFC Bank Ltd. ADR (India) ³	8,012
378,769	HSBC Holdings plc (Hong Kong)	2,717
344,334	Intesa Sanpaolo SpA (Italy)*	905 1,105
301,100 53,468,913	Lloyds Banking Group plc (United Kingdom)	32,484
11,079,000	PT Bank Central Asia TBK (Indonesia)	6,856
6,049,800	Resona Holdings Inc. (Japan)	30,152
118,804	Shinhan Financial Group Co. Ltd. (South Korea)*	3,110
1,310,059	Standard Chartered plc (United Kingdom)	10,380
168,300	Sumitomo Mitsui Financial Group Inc. (Japan)	6,879
632,000	Sumitomo Mitsui Trust Holdings Inc. (Japan)	22,782
1,586,346	Svenska Handelsbanken AB (Sweden)	14,023
1,941,297	UniCredit SpA (Italy)	38,468
254,600	United Overseas Bank Ltd. (Singapore)	5,407
		367,416
BEVERAGE	S—4.3%	
155,417	Anheuser-Busch InBev SA/NV (Belgium)	10,105
259,200	Arca Continental SAB de CV (Mexico)	2,476
267,200	Asahi Group Holdings Ltd. (Japan)	10,323
87,092	Carlsberg AS (Denmark)	14,413
176,192	Coca-Cola Europacific Partners plc (United States)	11,359
701,957	Davide Campari-Milano NV (Italy)	9,046
569,813	Diageo plc (United Kingdom)	25,993
232,994	Heineken NV (Netherlands)	26,754
2,254,500 10,486	Kirin Holdings Co. Ltd. (Japan)	36,625 2,422
7,091,900	Thai Beverage PCL (Singapore)	3,408
7,031,000	That beverage FOE (onlyapore/	152,924
		132,324
71.122	DLOGY—0.4%	14,199
/1,122	CSL Liu. (Australia)	14,133
BUILDING	PRODUCTS—1.6%	
1,134,584	Assa Abloy AB Class B (Sweden)	27,033
953,112	Fletcher Building Ltd. (New Zealand)	2,658
39,787	Geberit AG (Switzerland)	22,661
496,690	GWA Group Ltd. (Australia)	580
138,900	LIXIL Group Corp. (Japan)	2,186
		55,118
СДРІТАІ М	ARKETS—2.0%	
1,619,335	3i Group plc (United Kingdom)	36,029
1,010,000	5. 5. 5.5 pro formed ranguom/	50,020

Shares		Value
CAPITAL M	ARKETS—Continued	
738,887	IG Group Holdings plc (United Kingdom)	\$ 6,821
2,394,037	Jupiter Fund Management plc (United Kingdom)	3,918
2,947,900	Nomura Holdings Inc. (Japan)	10,568
151,987	Rathbone Brothers plc (United Kingdom)	3,738
689,113	St. James's Place plc (United Kingdom)	10,480
		71,554
CHEMICAL		
1,026,000	Air Water Inc. (Japan)	12,964
335,979	BASF SE (Germany)	17,378
178,400	Nissan Chemical Corp. (Japan)	7,929
141,500	Sumitomo Bakente Co. Ltd. (Japan)	5,411 43,682
COMMERC	IAL SERVICES & SUPPLIES—1.0%	,
63,700	AEON Delight Co. Ltd. (Japan)	1,412
60,176	Befesa SA (Germany) ¹	2,709
351,226	Brambles Ltd. (Australia)	3,327
2,480,914	Cleanaway Waste Management Ltd. (Australia)	3,995
198,000	Daiei Kankyo Co. Ltd. (Japan)*	2,685
176,840	Elis SA (France)	3,513
84,900	SECOM Co. Ltd. (Japan)	5,436
5,983,593	Serco Group plc (United Kingdom)	11,446
		34,523
	TION & ENGINEERING—1.0%	
91,092	Ferrovial SA (Spain)	2,856
1,020,000	Infroneer Holdings Inc. (Japan)	8,057
1,985,000	Obayashi Corp. (Japan)	16,549
1,404,500	Penta-Ocean Construction Co. Ltd. (Japan)	6,828
30,674	raiser corp. (Japan)	1,043
		35,333
CONSTRUC	CTION MATERIALS—1.6% Beijing Oriental Yuhong Waterproof Technology Co. Ltd.	
97,700	Class A (China)	419
108,851	CRH plc (Ireland)	5,252
298,604	Holcim Ltd. (Switzerland)*	19,730
18,826	Imerys SA (France)	774
73,121	James Hardie Industries PLC CDI (Australia)*3	1,632
746,100	Taiheiyo Cement Corp. (Japan)	13,378
47,815	Vicat SA (France)	1,395
416,685	Wienerberger AG (Austria)	12,552
		55,132
	R FINANCE—0.4%	0.404
1,721,747	International Personal Finance plc (United Kingdom) Marui Group Co. Ltd. (Japan)	2,131
441,800	Non-Standard Finance plc (United Kingdom)*,1	7,039
2,290,775 1,292,989	Provident Financial plc (United Kingdom)	16 3,657
1,232,303	r tovident i manciai pic (omted Kingdom)	12,843
CONSUME	R STAPLES DISTRIBUTION—0.3%	
454,903	HelloFresh SE (Germany)*	12,215
	RS & PACKAGING—0.7%	
3,153,866	DS Smith plc (United Kingdom)	12,313
794,400	Toyo Seikan Group Holdings Ltd. (Japan)	11,222
		23,535
	ORS—0.4%	40.000
1,302,743	Inchcape plc (United Kingdom)	13,263

Harbor International Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
DIVERSIFIE	D FINANCIAL SERVICES—0.5%	
2,379,925	AMP Ltd. (Australia)*	\$ 1,799
1,717,300	B3 Brasil Bolsa Balcao SA (Brazil)*	4,021
410,545	Chailease Holding Co. Ltd. (Taiwan)	2,990
306,099	Challenger Ltd. (Australia)	1,232
64,845	Macquarie Group Ltd. (Australia)	7,911
		17,953
	D TELECOMMUNICATION SERVICES—1.9%	
260,604	Deutsche Telekom AG (Germany)	6,284
3,827,943	Koninklijke KPN NV (Netherlands)	13,960
1,447,700	Nippon Telegraph & Telephone Corp. (Japan)	44,175
862,199	Telstra Corp. Ltd. (Australia)	2,501
		66,920
124,784	TILITIES—0.3% Orsted AS (Denmark) ¹	11,199
•	, ,	11,100
626.045	L EQUIPMENT—3.8% ABB Ltd. (Switzerland)	22,584
22,405	Accelleron Industries AG (Switzerland)*	552
140,394	Havells India Ltd. (India)*	2,115
281,049	Legrand SA (France)	26,602
1,231,600	Mitsubishi Electric Corp. (Japan)	15,270
147,241	Schneider Electric SE (France)	25,678
1,456,016	Vestas Wind Systems AS (Denmark)*	40,289
		133,090
ELECTRONI	C EQUIPMENT, INSTRUMENTS & COMPONENTS—0.8%	
394,000	Delta Electronics Inc. (Taiwan)	3,860
117,800	Kyocera Corp. (Japan)	6,183
63,100	Omron Corp. (Japan)	3,701
318,100	TDK Corp. (Japan)	10,936
179,400	Topcon Corp. (Japan)	2,555
		27,235
ENERGY EQ	UIPMENT & SERVICES—0.2%	
1,491,610	John Wood Group plc (United Kingdom)*	4,232
225,684	Petrofac Ltd. (United Kingdom)*	203
147,525	Technip Energies NV (France)	3,273
		7,708
ENTERTAIN	MENT—0.3%	
124,318	CTS Eventim AG & Co. KGaA (Germany)	8,191
296,479	Modern Times Group MTG AB Class B (Sweden)*	2,383
		10,574
FINANCIAL	SERVICES—0.7%	
365,591	Edenred (France)	23,754
	APLES RETAILING—1.4%	
164,105	Bid Corp. Ltd. (South Africa)	3,739
153,856	Clicks Group Ltd. (South Africa)	2,247
561,597	Koninklijke Ahold Delhaize NV (Netherlands)	19,310
94,200	Matsumotokiyoshi Holdings Co. Ltd. (Japan)	5,044
887,147	Metcash Ltd. (Australia)	2,299
190,600	Seven & I Holdings Co. Ltd. (Japan)	8,638
2,548,518 95,013	Tesco plc (United Kingdom)	9,010
55,015	The Hotels Group HT GDH (Haddia)	50,287
Fበበበ	UCTS—1.2%	
501,000	China Mengniu Dairy Co. Ltd. (China)*	2,022
1,716,000	First Pacific Co. Ltd. (Hong Kong)	575

Shares		Value
FOOD PROD	DUCTS—Continued	
300,600	Megmilk Snow Brand Co. Ltd. (Japan)	\$ 4,315
274,600	NH Foods Ltd. (Japan)	8,014
1,516,000	Tingyi Cayman Islands Holding Corp. (China)	2,649
274,300	Toyo Suisan Kaisha Ltd. (Japan)	12,247
149,026	Viscofan SA (Spain)	10,215
50,900	Yakult Honsha Co. Ltd. (Japan)	3,828
		43,865
GROUND TI 349,793	RANSPORTATION—0.1% Localiza Rent A Car Ltd. (Brazil)*	4,068
,	RE EQUIPMENT & SUPPLIES—3.6%	
225,498	Coloplast AS Class B (Denmark)	32,490
5,813,020	ConvaTec Group plc (United Kingdom) ¹	16,071
419,813	Demant AS (Denmark)*	17,992
148,066	EssilorLuxottica SA (France)	29,314
290,235	Getinge AB Class B (Sweden)	7,366
367,869	Koninklijke Philips NV (Netherlands)*	7,766
224,310	Smith & Nephew plc (United Kingdom)	3,694
42,588	Sonova Holding AG (Switzerland)	13,506
		128,199
HEALTH CA	RE PROVIDERS & SERVICES—1.3%	
341,383	Amplifon SpA (Italy)	12,532
413,965	Fresenius Medical Care AG & Co. KGaA (Germany)	20,087
510,600	MediPAL Holdings Corp. (Japan)	7,801
223,000	Ship Healthcare Holdings Inc. (Japan)	3,934
		44,354
	STAURANTS & LEISURE—4.7%	
2,515,000	Ajisen China Holdings Ltd. (China)	314
154,995	Aristocrat Leisure Ltd. (Australia)	3,921
222,855	Carnival plc (United Kingdom)*	1,840
1,475,488	Compass Group plc (United Kingdom) Entain plc (United Kingdom)*	38,925
1,398,565 230,474	Flutter Entertainment plc (Ireland)*	25,483 46,053
858,000	Galaxy Entertainment Group Ltd. (Hong Kong)*	6,107
72,368	InterContinental Hotels Group plc (United Kingdom)	4,976
393,221	Playtech plc (United Kingdom)*	2,854
6,733,291	SSP Group plc (United Kingdom)*	21,815
45,473	Trip.com Group Ltd. ADR (China)*,3	1,615
1,271,019	TUI AG (Germany)*	8,128
93,892	Yum China Holdings Inc. (China)	5,744
		167,775
HOUSEHOL	D DURABLES—1.0%	
502,133	Barratt Developments plc (United Kingdom)	3,159
301,374	GN Store Nord AS (Denmark)*	8,046
544,400	Midea Group Co. Ltd. (China)	4,468
332,300	Sekisui Chemical Co. Ltd. (Japan)	4,729
117,500 3.706.463	Sony Group Corp. (Japan)	10,631 5,982
3,700,403	rayior vviiripey pro (Officea Kingdoff)	37,015
HUIIGERUI	D PRODUCTS—0.7%	37,010
320,874	Reckitt Benckiser Group plc (United Kingdom)	25,930
INDUSTRIA	IL CONGLOMERATES—1.7%	
650,000	CK Hutchison Holdings Ltd. (Hong Kong)	4,345
169,885	DCC plc (United Kingdom)	10,570
528,100	Hitachi Ltd. (Japan)	29,212
141,800	Jardine Matheson Holdings Ltd. (Hong Kong)	6,855

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares			Value
	L CONGLOMERATES—Continued		
21,154	LG Corp. (South Korea)	\$	1,384
815,300	Nisshinbo Holdings Inc. (Japan)	_	6,277
		_	58,643
INSURANC			
414,650	Admiral Group plc (United Kingdom)		12,051
2,464,000	AIA Group Ltd. (Hong Kong)		26,826
878,019	AXA SA (France)		28,659
1,150,100 208,500	Great Eastern Holdings Ltd. (Singapore)		21,393 2,664
31,462	Hannover Rueck SE (Germany)		6,722
24,493	Helvetia Holding AG (Switzerland)		3,664
402,488	Hiscox Ltd. (United Kingdom)		5,990
985,900	Japan Post Holdings Co. Ltd. (Japan)		8,116
369,000	Ping An Insurance Group Co. of China Ltd. (China)		2,692
54,950	Prudential plc (Hong Kong)		828
667,273	Prudential plc. (United Kingdom)		10,210
988,759	QBE Insurance Group Ltd. (Australia)		10,111
535,512	Sampo OYJ (Finland)		27,159
1,040,800	Tokio Marine Holdings Inc. (Japan)	_	20,927
		_	188,012
INTERACTI	VE MEDIA & SERVICES—1.3%		
1,271,028	Auto Trader Group plc (United Kingdom) ¹		10,164
41,586	Baidu Inc. ADR (China)*,3		5,016
160,602	Carsales.com Ltd. (Australia)		2,547
3,694,638	Rightmove plc (United Kingdom)		26,742
		_	44,469
INTERNET 8	& DIRECT MARKETING RETAIL—0.7%		
62,031	Just Eat Takeaway.com NV (Netherlands)*,1		1,088
32,348	Naspers Ltd. (South Africa)		5,766
217,751	Vipshop Holdings Ltd. ADR (China)*,3		3,419
207,686	Zalando SE (Germany)*,1		8,542
326,000	ZOZO Inc. (Japan)	_	6,860
			25,675
IT SERVICE			
76,274	ALTEN SA (France)		12,967
181,372	Infosys Ltd. ADR (India) ³		2,819
439,100	NEC Corp. (Japan) NET One Systems Co. Ltd. (Japan)*		16,886
257,800 202,900	NS Solutions Corp. (Japan)		6,078 5,522
308,400	NTT Data Corp. (Japan)		4,189
32,402	Reply SpA (Italy)		3,775
525,800	SCSK Corp. (Japan)		7,938
302,665	Softcat plc (United Kingdom)		5,100
104,877	Tata Consultancy Services Ltd. (India)		4,141
		Ξ	69,415
LEISURE PE	RODUCTS—0.5%		
68,736	Mips AB (Sweden)		3,717
652,000	Sega Sammy Holdings Inc. (Japan)		12,187
			15,904
LIFE SCIEN	CES TOOLS & SERVICES—0.5%		
208,735	Eurofins Scientific SE (France)		14,580
42,997	Gerresheimer AG (Germany)		4,685
•	**	_	19,265
MACHINER	V—4 2%		
66,109	ALFA Laval AB (Sweden)		2,425

Shares			Value
MACHINER	Y—Continued		
115,149	Andritz AG (Austria)	\$	7,478
1,852,727	CNH Industrial NV (Italy)		26,071
378,700	Daifuku Co. Ltd. (Japan)		6,978
676,980	Fluidra SA (Spain)		11,597
82,446	GEA Group AG (Germany)		3,878
380,312	Iveco Group NV (Italy)*		3,422
142,500	Komatsu Ltd. (Japan)		3,544
366,600	Kubota Corp. (Japan)		5,555
464,300 183,400	Mitsubishi Heavy Industries Ltd. (Japan)		17,606
535,400	NSK Ltd. (Japan)		4,885 3,023
693,744	Rotork plc (United Kingdom)		2,859
692,420	Sandvik AB (Sweden)		14,105
802,600	Sany Heavy Industry Co. Ltd. (China)		1,915
147,265	Stabilus SA (Germany)		9,624
505,000	Techtronic Industries Co. Ltd. (Hong Kong)		5,463
147,500	Toyota Industries Corp. (Japan)		8,572
512,624	Wartsila OYJ ABP (Finland)		5,945
1,844,000	Weichai Power Co. Ltd. (China)		2,726
			147,671
MARINE—	D.2%		
1,132,072	Irish Continental Group plc (Ireland)		5,840
77,800	Kawasaki Kisen Kaisha Ltd. (Japan)		1,854
			7,694
MEDIA—2.	4%		
1,010,800	Fuji Media Holdings Inc. (Japan)		9,476
503,204	Future plc (United Kingdom)		7,141
407,300	Hakuhodo DY Holdings Inc. (Japan)		4,799
568,740	Informa plc (United Kingdom)		5,171
11,463,468	ITV plc (United Kingdom)		11,668
428,533	JCDecaux SA (France)*		9,487
682,800	Nippon Television Holdings Inc. (Japan)		6,144
130,169	Schibsted ASA Class A (Norway)		2,311
57,830	Schibsted ASA Class B (Norway)		936
451,200	TBS Holdings Inc. (Japan)		6,803 5,601
219,200 1,181,610	Viaplay Group (Sweden)*		13,771
1,101,010	vvrr pic (onited Kingdom)	_	83,308
		_	03,300
634,243	MINING—4.3% Acerinox SA (Spain)*		6 052
229,676	African Rainbow Minerals Ltd. (South Africa)		6,853 2,885
151,419	Alleima AB (Sweden)*		2,003 777
825,717	ArcelorMittal SA (France)		23,458
636,009	BHP Group Ltd. (Australia)		18,875
257,885	BlueScope Steel Ltd. (Australia)		3,428
188,500	Dowa Holdings Co. Ltd. (Japan)		6,158
1,090,371	Evolution Mining Ltd. (Australia)		2,571
106,837	First Quantum Minerals Ltd. (Canada)		2,596
6,666,101	Glencore plc (United Kingdom)*		39,348
252,855	Newcrest Mining Ltd. (Australia)		4,828
366,904	Rio Tinto plc (United Kingdom)		23,325 ×
217,215	Severstal PJSC GDR (Russia)*		
75,916 317,200	Southern Copper Corp. (Peru)		5,833
317,200	Sumitomo Metal Mining Co. Ltd. (Japan)	_	11,708
		_	152,643
OIL, GAS &	CONSUMABLE FUELS—4.3%		
2,350,350	Beach Energy Ltd. (Australia)		2,313
13,300,786	BP plc (United Kingdom)		89,235
1,274,002	Equinor ASA (Norway) ²		36,680

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

216,700	Shares			Value
1,713,557 Santos Ltd. (Australia). 5,644	OIL, GAS &	CONSUMABLE FUELS—Continued		
1,713,557 Santos Ltd. (Australia). 5,644	1,097,200	INPEX Corp. (Japan)	\$	12,007
248,748 Woodside Energy Group Ltd. (Australia) 5,644 153,996	1.713.557	Santos Ltd. (Australia)		8.117
PAPER & FOREST PRODUCTS—0.3% 2,627,100 0ji Holdings Corp. (Japan). 10,324				
PAPER & FOREST PRODUCTS—0.3% 2,627,100 Oji Holdings Corp. (Japan). 10,324 PERSONAL PRODUCTS—1.0% 20,757 AMOREPACIFIC Group (South Korea). 569 322,354 Dabur India Ltd. (India). 2,104 886,250 L'Occitane International SA (Hong Kong). 2,209 350,011 Marico Ltd. (India)*. 2,134 533,090 Unilever plc (United Kingdom). 29,684 559,672 Novo Nordisk AS (Denmark). 93,104 188,713 Roche Holding AG (Switzerland). 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan). 2,233 340,100 Tsumura & Co. (Japan). 2,233 340,100 Tsumura & Co. (Japan). 2,233 366,086 ALS Ltd. (Australia). 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom)* 19,731 9,076,807 Hays plc (United Kingdom)* 13,022 498,065 Intertek Group plc (United Kingdom)* 13,024 498,065 Intertek Group plc (United Kingdom)* 1,674 695,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan). 4,468 69,047 Randstad NV (Netherlands)* 3,752 216,700 Persol Holdings Co. Ltd. (Japan)* 2,766 69,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan)* 4,468 69,047 Randstad NV (Netherlands)* 3,752 870,477 RELX plc (United Kingdom)* 2,2007 662,500 Swire Pacific Ltd. (Hong Kong)* 5,180 REAL ESTATE MANAGEMENT & DEVELOPMENT—0.8% 863,800 Daiwa House Industry Co. Ltd. (Japan)* 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan)* 1,223 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700 ASM Pacific Technology Ltd. (Hong Kong)* 1,727 43,325 ASML Holding NV (Netherlands)* 2,7495 58,000 Media Tek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan)* 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 462,000 (Taiwan)* 7,555	,		_	
2,627,100			_	153,996
PERSONAL PRODUCTS—1.0% 20,757 AMOREPACIFIC Group (South Korea) 569 322,354 Dabur India Ltd. (India) 2,104 868,250 C**Occitane International SA (Hong Kong) 2,209 350,011 Marico Ltd. (India)* 2,134 533,090 Unilever plc (United Kingdom) 29,684 36,700 PHARMACEUTICALS—4.6% 559,672 Novo Nordisk AS (Denmark) 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan) 2,283 340,100 Tsumura & Co. (Japan) 6,901 161,382 PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia) 3,195 39,849,489 Capita plc (United Kingdom)* 4,305 57,299 Experian plc (United Kingdom)* 13,022 438,065 Intertek Group plc (United Kingdom) 13,024 438,065 Intertek Group plc (United Kingdom) 26,056 659,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 659,132 PageGroup plc (United Kingdom)* 2,766 659,132 PageGroup plc (United Kingdom) 2,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 ReLX plc (United Kingdom) 2,903 861,547 RUS Holdings plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 3,282 41,351 Teleperformance (France) 8,264 134,612 REAL ESTATE MANAGEMENT & DEVELOPMENT—0.8% 863,800 Daiwa House Industry Co. Ltd. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 3,282 41,351 Teleperformance (France) 3,290 3,373				40.004
20,757 AMOREPACIFIC Group (South Korea) 569 322,354 Dabur India Ltd. (India) 2,104 868,250 L'Occitane International SA (Hong Kong) 2,209 350,011 Marico Ltd. (India)* 2,134 533,090 Unilever plc (United Kingdom) 29,684 36,700	2,627,100	Uji Holdings Corp. (Japan)	_	10,324
322,354 Dabur India Ltd. (India) 2,104 868,250 L'Occitane International SA (Hong Kong) 2,209 350,011 Marico Ltd. (India) 2,134 533,090 Unilever plc (United Kingdom) 29,684				
868,250 L'Occitane International SA (Hong Kong) 2,209 350,011 Marico Ltd. (India)* 2,134 533,090 Unilever plc (United Kingdom). 29,684 559,672 Novo Nordisk AS (Denmark). 93,104 188,713 Roche Holding AG (Switzerland). 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan). 2,283 340,100 Tsumura & Co. (Japan) 16,391 PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia) 3,195 9,849,469 Capita plc (United Kingdom)* 19,731 9,076,807 Hays plc (United Kingdom) 13,022 498,065 Intertek Group plc (United Kingdom) 13,022 234,500 Nomura Co. Ltd. (Japan) 1,624 234,500 Nomura Co. Ltd. (Japan) 4,488 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 120,300 TechnoPro Holdings Co. Ltd. (Japan) 2,266 120,300 TechnoPro Holdings Co. Ltd. (Japan) 2,266 8		AMOREPACIFIC Group (South Korea)		
350,011 Marico Ltd. (India)* 2,134				
PHARMACEUTICALS		L'Occitane International SA (Hong Kong)		
PHARMACEUTICALS				2,134
PHARMACEUTICALS—4.6% 559,672 Novo Nordisk AS (Denmark)	533,090	Unilever plc (United Kingdom)	_	29,684
559,672 Novo Nordisk AS (Denmark) 93,104 188,713 Roche Holding AG (Switzerland) 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan) 2,283 340,100 Tsumura & Co. (Japan) 6,901 Ibility PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia) 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom) 19,731 9,076,807 Hays plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,752 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 2,766 120,300 TechnoPro Holdings Co. Ltd. (Japan) 22,017			_	36,700
188,713 Roche Holding AG (Switzerland). 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan). 2,283 340,100 Tsumura & Co. (Japan). 6,901 PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia). 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom) 19,731 9,076,807 Hays plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,752 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 27,197 ROAD & RAIL—	PHARMACI	EUTICALS—4.6%		
188,713 Roche Holding AG (Switzerland). 59,094 78,900 Sawai Group Holdings Co. Ltd. (Japan). 2,283 340,100 Tsumura & Co. (Japan). 6,901 PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia). 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom) 19,731 9,076,807 Hays plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,752 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 861,547 RWS Holdings plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 27,197 ROAD & RA	559,672	Novo Nordisk AS (Denmark)		93,104
78,900 Sawai Group Holdings Co. Ltd. (Japan) 2,283 340,100 Tsumura & Co. (Japan) 6,901 161,382 161,382 PROFESSIONAL SERVICES—3.8% 282,219 Adecco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia) 3,195 557,299 Experian plc (United Kingdom)* 19,731 9,076,807 Hays plc (United Kingdom) 13,022 498,065 Intertek Group plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 861,547 RWS Holdings plc (United Kingdom) 29,003 861,547 RWS Holdings Plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 3,282 41,351 Teleperformance (France) <	188,713			59,094
Relatestate Management & Co. (Japan) 6,901 161,382	78,900			
PROFESSIONAL SERVICES	,			
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282,219 Adeco Group AG (Switzerland)* 9,708 366,086 ALS Ltd. (Australia) 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom) 19,731 9,076,807 Hays plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 861,547 RWS Holdings plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 3,282 41,351 Teleperformance (France) 8,264 863,800 Daiwa House Industry Co. Ltd. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 5,180 **ROAD & RAIL—0.3%* 144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 1,272 43,325	PROFESSIO	INAL SERVICES—3.8%		
366,086 ALS Ltd. (Australia) 3,195 9,849,469 Capita plc (United Kingdom)* 4,305 557,299 Experian plc (United Kingdom) 19,731 9,076,807 Hays plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 861,547 RWS Holdings plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 3,282 41,351 Teleperformance (France) 8,264 863,800 Daiwa House Industry Co. Ltd. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 5,180 27,197 ROAD & RAIL—0.3% 144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 4,030 219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,72				9 708
9,849,469		ALS Ltd (Australia)		
19,731		Canita nlc (United Kingdom)*		
9,076,807 Hays plc (United Kingdom) 13,022 498,065 Intertek Group plc (United Kingdom) 26,056 309,467 IPH Ltd. (Australia) 1,674 234,500 Nomura Co. Ltd. (Japan) 1,624 659,132 PageGroup plc (United Kingdom)* 3,762 216,700 Persol Holdings Co. Ltd. (Japan) 4,468 69,047 Randstad NV (Netherlands) 3,752 870,477 RELX plc (United Kingdom) 29,003 861,547 RWS Holdings plc (United Kingdom) 2,766 120,300 TechnoPro Holdings Inc. (Japan) 3,282 41,351 Teleperformance (France) 8,264 863,800 Daiwa House Industry Co. Ltd. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 5,180 27,197 ROAD & RAIL—0.3% 144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 4,030 12,293 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 462,000 (Taiwan) 7,565 53,378		Evnerian nlc (United Kingdom)		
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REAL ESTATE MANAGEMENT & DEVELOPMENT—0.8% 863,800 Daiwa House Industry Co. Ltd. (Japan) 22,017 652,500 Swire Pacific Ltd. (Hong Kong) 5,180 27,197 ROAD & RAIL—0.3% 144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 4,030 12,293 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 462,000 (Taiwan) 7,565	41,351	Teleperformance (France)	_	
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Swire Pacific Ltd. (Hong Kong) 5,180 27,197				
ROAD & RAIL—0.3% 144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 4,030 12,293				
ROAD & RAIL	652,500	Swire Pacific Ltd. (Hong Kong)		5,180
144,400 East Japan Railway Co. (Japan) 8,263 564,000 Senko Group Holdings Co. Ltd. (Japan) 4,030 12,293 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378			_	27,197
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12,293 SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700	144,400	East Japan Railway Co. (Japan)		
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.5% 219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378	564,000	Senko Group Holdings Co. Ltd. (Japan)		4,030
219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 (Taiwan) 53,378				12,293
219,700 ASM Pacific Technology Ltd. (Hong Kong) 1,727 43,325 ASML Holding NV (Netherlands) 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 (Taiwan) 53,378	SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—1.5%		
43,325 ASML Holding NV (Netherlands). 27,495 86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378				1.727
86,000 MediaTek Inc. (Taiwan)* 1,870 1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378				
1,026,100 Renesas Electronics Corp. (Japan)* 13,373 17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378				
17,900 ROHM Co. Ltd. (Japan) 1,348 Taiwan Semiconductor Manufacturing Co. Ltd. 7,565 462,000 (Taiwan) 53,378		Renesas Flectronics Corn. (Japan)*		
462,000 (Taiwan)		ROHM Co. Ltd. (Japan)		
53,378	400.000			 -
	462,000	(laiwan)	_	
			_	53,378
SOFTWARE—0.2%	SOFTWARE			
109,800 Oracle Corp. (Japan)	109,800	Oracle Corp. (Japan)		7,880

Shares	Value
SPECIALTY RETAIL—1.0%	
112,100 ABC-Mart Inc. (Japan)	\$ 6,371
3,987,400 Esprit Holdings Ltd. (Hong Kong)*	326
1,400,939 Pets at Home Group plc (United Kingdom)	6,796
332,300 USS Co. Ltd. (Japan)	5,584
593,813 WH Smith plc (United Kingdom)	11,779
690,000 Zhongsheng Group Holdings Ltd (China)	2,947
	33,803
TECHNOLOGY HARDWARE, STORAGE & PERIPHERALS—0.6%	
309,000 Advantech Co. Ltd. (Taiwan)	3,741
114,218 Logitech International SA (Switzerland)	6,759
106,944 Quadient SA (France)	2,126
190,264 Samsung Electronics Co Ltd. (South Korea)	9,362
	21,988
TEXTILES, APPAREL & LUXURY GOODS—1.9%	
97,229 Adidas AG (Germany)	17,123
226,103 Cie Financiere Richemont SA (Switzerland)	37,375
27,511 CIE Financiere Richemont SA (South Africa)	4,534
281,000 Li Ning Co. Ltd. (China)	2,010
910,800 Samsonite International SA (Hong Kong)*,1	2,886
270,318 Shenzhou International Group Holdings Ltd. (China)	2,596
926,521 Stella International Holdings Ltd. (Hong Kong)	965
	67,489
THRIFTS & MORTGAGE FINANCE—0.0%	
44,912 Housing Development Finance Corp. Ltd. (India)	1,527
TRADING COMPANIES & DISTRIBUTORS—1.8%	
267,700 BOC Aviation Ltd. (China) ¹	2,122
269,927 Brenntag SE (Germany)	22,000
582,408 Bunzl plc (United Kingdom)	23,184
344,400 ITOCHU Corp. (Japan)	11,426
100,041 Nexel SA (Halice)	3,707 62,439
	02,433
TRANSPORTATION INFRASTRUCTURE—0.5%	
475,745 Getlink SE (France)	8,891
Grupo Aeroportuario del Pacifico SAB de CV Class B	
197,484 (Mexico)	3,512
275,400 Mitsubishi Logistics Corp. (Japan)	6,824
	19,227
WIRELESS TELECOMMUNICATION SERVICES—0.1%	
158,600 KDDI Corp. (Japan)	4,951
TOTAL COMMON STOCKS	
(Cost \$2,918,047)	3.451.757
PREFERRED STOCKS—0.4%	
AUTOMORU FO. O 40/	
AUTOMOBILES—0.4% 101,388 Volkswagen AG (Germany)	13.845
PERSONAL PRODUCTS—0.0% 8,795 AMOREPACIFIC Group (South Korea)	169
5,750 AMOREI AOII TO GIVUP (GOULLI KOTGU)	
TOTAL PREFERRED STOCKS	
(Cost \$16,057)	14,014

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

SHORT-TERM INVESTMENTS—0.1%

(Cost \$4,158)

Shares		V	alue
4,158,390	State Street Navigator Securities Lending Government Money Market Portfolio (1 day yield of 4.840%) ⁴	\$	4,158
TOTAL INV	ESTMENTS—97.9%		
(Cost \$2,	938,262)	3,4	69,929
CASH AND	OTHER ASSETS, LESS LIABILITIES—2.1%		75,425
TOTAL NET	ASSETS—100.0%	\$3,5	45,354

RIGHTS/WARKANTS					
Description	No. of Contracts	Strike Price	Expiration Date	Cost (000s)	Value (000s)
CIE Financiere Richemont SA Warrant	74,788	ZAR 4.95	11/22/2023	\$	\$ 95
Localiza Rent A Car SA Right	1,597	BRL 41.15	05/11/2023	_	6
Total Rights/Warrants					\$101

Significant

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Unobservable Inputs Level 3 (000s)	Total (000s)
Common Stocks				
Africa	\$ 4,535	\$ 17,463	\$—	\$ 21,998
Europe	973	2,286,233	_	2,287,206
Latin America	27,972	_	_	27,972
Middle East/Central Asia	10,830	14,000	_	24,830
North America	13,955	_	_	13,955
Pacific Basin	16,899	1,058,897	_	1,075,796
Preferred Stocks				
Europe	_	13,845	_	13,845
Pacific Basin	_	169	_	169
Short-Term Investments				
Investment Company-Securities Lending Investment Fund	4,158		_	4,158
Total Investments in Securities	\$79,322	\$3,390,607	<u>\$—</u>	\$3,469,929
Financial Derivative Instruments - Assets				
Rights/Warrants	\$ 101	\$ —	\$—	\$ 101
Total Investments	\$79,423	\$3,390,607	<u>\$—</u>	\$3,470,030

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The following is a rollforward of the Fund's Level 3 investments during the period ended April 30, 2023.

						Change in Unrealized			Ending	Unrealized
	Beginning				Total	Appreciation/	Transfers	Transfers	Balance	Gain/ Loss
	Balance			Discount/	Realized	(Depreciation	Into	Out of	as of	as of
	as of 11/01/2022	Purchases	Sales	(Premium)	Gain/(Loss))	Level 3	Level 3	04/30/2023	04/30/2023
Valuation Description	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)
Common Stocks	<u>\$—</u>	<u>\$—</u>	\$	<u>\$—</u>	<u>\$—</u>	<u>\$—</u>	\$	<u>\$—</u>	<u>\$—</u>	\$(7,678)

PORTFOLIO OF INVESTMENTS—Continued

The following is a summary of significant unobservable inputs used in the fair valuations of assets and liabilities categorized within Level 3 of the fair value hierarchy.

Valuation Descriptions	as of 04/30/2023 (000s)	Valuation Technique	Unobservable Input(s)	Input Value(s)
Investments in Securities Common Stocks				
Severstal PJSC GDR (Russia)*	\$ <i>-</i>	Market Approach	Estimated Recovery Value	\$ 0.00
X5 Retail Group NV GDR (Russia)*	<u>—</u>	Market Approach	Estimated Recovery Value	\$ 0.00
	<u>\$ —</u>			

The accompanying notes are an integral part of the Financial Statements.

^{*} Non-income producing security

x Fair valued in accordance with Harbor Funds' Valuation Procedures.

Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$60,453 or 2% of net assets.

² All or a portion of this security was out on loan as of April 30, 2023.

³ Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

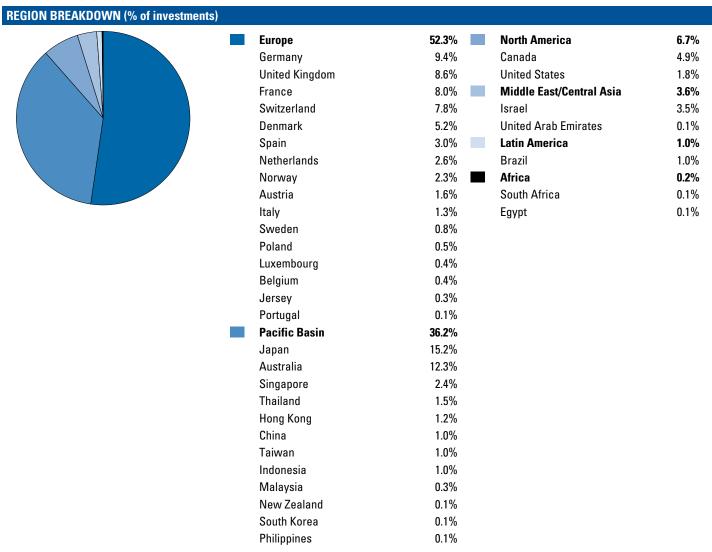
⁴ Represents the investment of collateral received from securities lending activities

BRL Brazilian Real

ZAR South African Rand

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Acadian Asset Management LLC



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, 25.6% of the Fund's investments were denominated in Euro. No other foreign currency denomination comprised more than 25% of the Fund's net assets.

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

ന	BARAC	M CT	neve	_97 1%

Shares		٧	/alue
AEROSPAC	E & DEFENSE—1.9%		
1,128	Dassault Aviation SA (France)	\$	221
1,959	Kongsberg Gruppen ASA (Norway)		88
12,645	QinetiQ Group plc (United Kingdom)		59
539,952	Rolls-Royce Holdings plc (United Kingdom)*		1,034
9,764	Thales SA (France)		1,490
			2,892
AIR FREIGH	T & LOGISTICS—0.0%		
169	Mainfreight Ltd. (New Zealand)		8

Shares		١	alue
AIRLINES— 103,975 196,278 391,553	-2.5% Air Arabia PJSC (United Arab Emirates)		62 2,110 1,727
391,003	dalitas Aliways Ltd. (Australia)	_	3,899
AUTO COM	PONENTS—0.2%		
5,641	Bulten AB (Sweden)		52
4,933	ElringKlinger AG (Germany)		56
8,700	Ichikoh Industries Ltd. (Japan)		35
28,000	Johnson Electric Holdings Ltd. (Hong Kong)		31

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value **AUTO COMPONENTS—Continued** Martinrea International Inc. (Canada) \$ 94 T. RAD Co. Ltd. (Japan)*..... 42 Thai Stanley Electric PCL NVDR (Thailand)² 35 6.500 345 **BANKS—5.5%** ABN AMRO Bank NV Dutch Depository Recepit 24,014 385 Australia & New Zealand Banking Group Ltd (Australia). 119,012 1,932 150,900 696 Bank Handlowy w Warszawie SA (Poland) 53 2,452 71,494 567 834,000 557 Commercial Bank of Dubai PSC (United Arab Emirates) . . 32,260 27 Ehime Bank Ltd. (The) (Japan)..... 4,300 Erste Group Bank AG (Austria) 15,832 576 53,361 57 Lloyds Banking Group plc (United Kingdom) 214 352,712 261,577 862 22,000 North Pacific Bank Ltd. (Japan)..... 47 PT Bank Danamon Indonesia TBK (Indonesia) 741,065 143 14,933 229 3,400 22 139,939 Standard Chartered plc (United Kingdom)..... 1,109 11.100 46 50,212 995 8,556 BEVERAGES—1.2% Australian Vintage Ltd. (Australia)..... 56.842 19 3,442 Coca-Cola HBC AG (Switzerland)*..... 105 2.013 23 14,638 39 16.942 1.626 3,800 58 1,870 **BIOTECHNOLOGY—0.1%** Swedish Orphan Biovitrum AB (Sweden)*..... 1.926 47 81 **BROADLINE RETAIL—0.2%** 15,156 MINISO Group Holding Ltd. ADR (China)*,2 279 **BUILDING PRODUCTS—1.3%** 10.800 14 31,743 1,838 5,400 Maezawa Kasei Industries Co. Ltd. (Japan). 65 27 4,400 Okabe Co. Ltd. (Japan)..... RAS Al Khaimah Ceramics (United Arab Emirates) 97.898 70 2,014 **CAPITAL MARKETS—2.1%** AGF Management Ltd. Class B (Canada)..... 69 42 315 Deutsche Bank AG (Germany)..... 99,657 1,095 956 182 Fiducian Group Ltd. (Australia) 2,082 8 2.256 Foresight Group Holdings Ltd. (United Kingdom)* 12 Investec plc (United Kingdom)..... 83,841 4,100 40 18,600 302

Shares		V	alue
CADITAL M	ARKETS—Continued		
131,408	Man Group plc (Jersey)	\$	376
1,446	Titanium OYJ (Finland)	Ψ	25
5,500	TMX Group Ltd. (Canada)*		557
3,300	TWIX Group Eta. (Ganada)	_	
		_	3,176
CHEMICAL			
2,500	Achilles Corp. (Japan)		27
6,800	AirBoss of America Corp. (Canada)		36
1,200	Asahi Yukizai Corp. (Japan)		28
5,600	Carlit Holdings Co. Ltd. (Japan)		29
2,900	DAI Nippon Toryo Co. Ltd. (Japan)		18
89,325	Danakali Ltd. (Australia)*		24
18,476	DGL Group Ltd. (Australia)*		18
2,900	Fujimori Kogyo Co. Ltd. (Japan)		67
800	Hodogaya Chemical Co. Ltd. (Japan)		18
318,537	Incitec Pivot Ltd. (Australia)		679
2,800	Ishihara Sangyo Kaisha Ltd. (Japan)		24
699	Johnson Matthey plc (United Kingdom)		17
510	KPX Chemical Co. Ltd. (South Korea) Kyowa Leather Cloth Co. Ltd. (Japan)		18 11
2,800 3,426	Misr Fertilizers Production Co. SAE (Egypt)		20
2,000	Moresco Corp. (Japan)		17
7,786	Neo Performance Materials Inc. (Canada)		52
4,200	Nihon Parkerizing Co. Ltd. (Japan)		33
2,200	Nippon Carbide Industries Co. Inc. (Japan)		21
1,300	Okura Industrial Co. Ltd. (Japan)		20
80,933	Orica Ltd. (Australia)		874
728	PCC Rokita SA (Poland)		25
7,100	Riken Technos Corp. (Japan)*		32
5,600	Sekisui Kasei Co. Ltd. (Japan)		19
2,985	Serge Ferrari Group (France)		46
600	Soken Chemical & Engineering Co. Ltd. (Japan)		8
3,904	Solvay SA (Belgium)		469
1,100	Sumitomo Seika Chemicals Co. Ltd. (Japan)		35
2,400	Tayca Corp. (Japan)		21
16,600	Tokuyama Corp. (Japan)		271
32,917	Yara International ASA (Norway)	_	1,325
		_	4,302
	IAL SERVICES & SUPPLIES—1.0%		
4,000	AEON Delight Co. Ltd. (Japan)		89
2,100	AGS Corp. (Japan)		11
800	AJIS Co. Ltd. (Japan)		14
4,000	Azienda Bresciana Petroli Nocivelli SpA (Italy)*		17
47,073	Brambles Ltd. (Australia)		446
1,074	Fursys Inc. (South Korea)		110
340 2,746	GL Events SA (France)*		66
15,710	ISS AS (Denmark)*		328
14,200	Kokuyo Co. Ltd. (Japan)		203
1,800	Kyodo Printing Co. Ltd. (Japan)		37
8,961	Mears Group plc (United Kingdom)		25
2,400	NAC Co. Ltd. (Japan)		17
5.900	Prestige International Inc. (Japan)		26
1,900	SATO Holdings Corp. (Japan)		32
1,501	SPIE SA (France)		47
2,500	Takara + Co. Ltd. (Japan)		44
			1,519
CONSTRUC	CTION & ENGINEERING—0.3%		
406.000	Analogue Holdings Ltd. (Hong Kong)		76
13,188	Boustead Singapore Ltd. (Singapore)		8
305	Burkhalter Holding AG (Switzerland)*		33

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value **CONSTRUCTION & ENGINEERING—Continued** Dai-Ichi Cutter Kogyo KK (Japan) \$ 17 35 1,706 77 3,816 Meisei Industrial Co. Ltd. (Japan) 3,900 27 Morgan Sindall Group plc (United Kingdom) 122,700 15 Orascom Construction plc (United Arab Emirates) 3,722 12 133,009 67 25 7,700 1.500 Yondenko Corp. (Japan)..... 22 459 **CONSTRUCTION MATERIALS—0.7%** 22 66,764 58 692 Qatar National Cement Co. QPSC (Qatar) 12,394 14 27 800 29,705 15 9,027 272 1,100 **CONSUMER FINANCE—0.0%** 3,300 AEON Financial Service Co. Ltd. (Japan)..... 29 H&T Group plc (United Kingdom)..... 2 31 **CONSUMER STAPLES DISTRIBUTION—0.0%** 500 Tsuruha Holdings Inc. (Japan)..... 33 **CONTAINERS & PACKAGING—0.2%** 9.998 39 39,400 11 11,718 27 6,177 Richards Packaging Income Fund (Canada) 1,900 54 Thantawan Industry PCL NVDR (Thailand)²..... 9,900 9 20 1.700 579 30 1,308 44 235 **DISTRIBUTORS—0.1%** 43 35 52.861 1,731 59 137 **DIVERSIFIED CONSUMER SERVICES—0.1%** 2,926 16 22.700 52 2,713 23 4.500 22 12 125 **DIVERSIFIED FINANCIAL SERVICES—0.0%** Pacific Century Regional Developments Ltd. (Singapore)*..... 27 **DIVERSIFIED TELECOMMUNICATION SERVICES—0.0%** 14 4,273 B Communications Ltd. (Israel)*......

Shares		Value
DIVERSIFIE	D TELECOMMUNICATION SERVICES—Continued	
	Magyar Telekom Telecommunications plc ADR	
604	(Hungary) ²	\$ 4
125	Telefonica SA (Spain)*	1
		19
	L EQUIPMENT—1.6%	
36,551	ABB Ltd. (Switzerland)	1,318
5,600	Chiyoda Integre Co. Ltd. (Japan)	96
1,700	Daihen Corp. (Japan)	56
2,000	Hammond Power Solutions Inc. (Canada)	59
1,000	Mirai Industry Co. Ltd. (Japan)	10 87!
70,600 2,500	Mitsubishi Electric Corp. (Japan)	3
2,200	Takaoka Toko Co. Ltd. (Japan)	3:
51,000	Xingye Alloy Materials Group Ltd. (Hong Kong)*	
31,000	Alligye Alloy Waterials Group Ltd. (Hong Rong)	
		2,492
ELECTRON	IC EQUIPMENT, INSTRUMENTS & COMPONENTS—1.0%	
	AT&S Austria Technologie & Systemtechnik AG	
912	(Austria)*	28
4,800	Azbil Corp. (Japan)	134
7,300	Celestica Inc. (Canada)*	79
2,300	Daitron Co. Ltd. (Japan)	44
77,905	DataTec Ltd. (South Africa)*	15!
5,000	Kyosan Electric Manufacturing Co. Ltd. (Japan)	10
265	Nedap NV (Netherlands)	10
2,700 7,200	Nihon Denkei Co. Ltd. (Japan)	38 108
3,800	Osaki Electric Co. Ltd. (Japan)	100
12,592	Rakon Ltd. (New Zealand)*	10
12,332	Schaffner Holding AG (Switzerland)	
2,700	Sigma Koki Co. Ltd. (Japan)	32
2,700	SMK Corp. (Japan).	48
3,689	Spectris plc (United Kingdom)	17
2,000	Sun-Wa Technos Corp. (Japan)	28
7,700	Topcon Corp. (Japan)	110
29,000	Yokogawa Electric Corp. (Japan)	47
		1,509
ENEDGY EC	DUIPMENT & SERVICES—0.9%	
8,560	Computer Modelling Group Ltd. (Canada)	45
9,400	Ensign Energy Services Inc. (Canada)*	18
13,597	Hunting plc (United Kingdom)	40
62,210	MMA Offshore Ltd. (Australia)*	50
6.500	MODEC Inc. (Japan)*	70
10,553	Pason Systems Inc. (Canada)	92
23,013	PHX Energy Services Corp. (Canada)	11!
5,730	Shawcor Ltd. (Canada)*	52
9,418	Technip Energies NV (France)	209
42,615	Tenaris SA (Luxembourg)	610
14,300	Trican Well Service Ltd. (Canada)*	3
		1,334
FNTFRTAIN	IMENT—0.8%	_
7,900	Ateam Inc. (Japan)	39
9.800	Capcom Co. Ltd. (Japan)	36
46,000	IGG Inc. (Singapore)*	30
397	PlayWay SA (Poland).	4
5,323	Spotify Technology SA (Sweden)*	71
-,===	. ,	1,19
		1,13
	AL ESTATE INVESTMENT TRUSTS (REITs)—0.0%	
57,300	Pavilion Real Estate Investment Trust (Malaysia)*	18

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value FINANCIAL SERVICES—0.1% 800 GMO Financial Gate Inc. (Japan).....\$ 81 145 FOOD & STAPLES RETAILING—1.3% 52 16,210 Eurocash SA (Poland)*..... 74 8.600 1,155 6,564 6,895 23 6,800 309 2,600 67 3,600 50 Qol Holdings Co. Ltd. (Japan)..... 2,700 25 1,300 23 1,944 **FOOD PRODUCTS—0.4%** 12,400 5 CCK Consolidated Holdings BHD (Malaysia) 75 469,500 37 1,500,000 39,400 34 22 18,055 3 848 58,700 Kawan Food BHD (Malaysia)..... 39,800 17 579 Nestlé SA (Switzerland)..... 1,760 226 5,437 PGG Wrightson Ltd. (New Zealand)..... 15 PT Salim Ivomas Pratama TBK (Indonesia) 376,800 10 27,953 31 1,562 103,800 49 Synlait Milk Ltd. (New Zealand)*..... 23,330 23 619 **GAS UTILITIES—0.0%** 12 **GROUND TRANSPORTATION—0.4%** 38 220 PT Blue Bird TBK (Indonesia) 41 517 596 **HEALTH CARE EQUIPMENT & SUPPLIES—1.5%** 22,437 ADDvise Group AB (Sweden)*..... 32 4,312 580 6,515 1,068 2,200 68 924 17 4,800 JEOL Ltd. (Japan)..... 140 5,000 20 36 9 790 250 10,598 Viemed Healthcare Inc. (Canada)*..... 114 2,298 **HEALTH CARE PROVIDERS & SERVICES—0.1%** 76 5,406 6 Japan Medical Dynamic Marketing Inc. (Japan). Ladprao General Hospital PCL NVDR (Thailand)*.2 4.800 36

Shares		١	/alue
HEAITH CAR	E PROVIDERS & SERVICES—Continued		
	Oriola Corp. Class A (Finland)	\$	10
	Oriola OYJ (Finland)		2
			140
		_	
	E TECHNOLOGY—0.2%		
	Ascom Holding AG (Switzerland)		2
	Pro Medicus Ltd. (Australia)		308
300 \$	Software Service Inc. (Japan)	_	19
			329
HOTELO DEO	TAUDANTO O LEIGUDE CO 40/		
	TAURANTS & LEISURE—3.1%		25
81,600 A 22,805 A	After You PCL NVDR (Thailand) ²		25 577
	Berjaya Food BHD (Malaysia)		34
	Betsson AB (Sweden)*		49
	Cie Des Alpes SA (France)		162
	Genting Singapore Ltd. (Singapore)		1,582
	Hollywood Bowl Group plc (United Kingdom)*		75
	Jaya Bersama Indo TBK PT (Indonesia)*		x
50,200 k	Kimly Ltd. (Singapore)		12
	La Francaise Des Jeux SAEM (France) ¹		1,620
404,300 F	PT Champ Resto Indonesia TBK (Indonesia)*		33
38,137	STS Holding SA (Poland)*		186
8,233 \	Whitbread plc (United Kingdom)		337
2,500 \	/ossix Holdings Co. Ltd. (Japan)		41
61,600 2	Zen Corp. Group PCL NVDR (Thailand)*,2	_	27
			4,760
HOUGEHOLD	DUDADLES 0.40		
	DURABLES—0.1% Dom Development SA (Poland)		
	FJ Next Holdings Co. Ltd. (Japan)		12
3,800	JANOME Corp. (Japan)		17
2,700	Nihon Trim Co. Ltd. (Japan)*		58
1,479 N	Nikon Corp. (Japan)		15
	Toya SA (Poland)		17
		_	119
		_	113
HOUSEHOLD	PRODUCTS—0.0%		
2,200 E	ES Energy Save Holding AB (Sweden)*		29
INDUCTORAL	CONOLONEDATED 4 00/		
	CONGLOMERATES—1.9%		0
,	ndustries Qatar QSC (Qatar)		9
	Siemens AG (Germany)		11 2,751
	Smiths Group plc (United Kingdom)		174
0,221	Similas aroup pic (Omitea Kingaom)	_	
		_	2,945
INSURANCE-	-3.4%		
	Allianz Malaysia BHD (Malaysia)		23
	Chesnara plc (United Kingdom)		75
	Dai-ichi Life Holdings Inc. (Japan)		843
4,300 i	A Financial Corp. Inc. (Canada)		289
	Japan Post Insurance Co. Ltd. (Japan)		297
	Manulife Financial Corp. (Canada)		1,159
	MS&AD Insurance Group Holdings Inc. (Japan)		26
	Muenchener Rueckversicherungs-Gesellschaft AG		
3,626	(Germany)		1,363
	PT Asuransi Tugu Pratama Indonesia TBK (Indonesia)*		23
	Sompo Holdings Inc. (Japan)		25
	Falanx AG (Germany)		28
55,500 1	Tokio Marine Holdings Inc. (Japan)	_	1,116
		_	5,267

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value **INTERACTIVE MEDIA & SERVICES—0.5%** Autohome Inc. ADR (China)² \$ 351 13,600 187 802 **INTERNET & DIRECT MARKETING RETAIL—0.0%** IT SERVICES—2.1% ALTEN SA (France) 93 545 4,958 7,794 119 1,400 800 11 929 62,386 4,200 Core Corp. (Japan)..... 52 93 700 Hecto Financial Co. Ltd. (South Korea) 1,484 Hennge KK (Japan)*..... 5,800 31 1,300 Himacs Ltd. (Japan)..... 2,600 21 40,100 1,542 oRo Co. Ltd. (Japan).... 1,500 27 571 124 4 200 67 1,500 15 700 Zuken Inc. (Japan)..... 18 3,287 **LEISURE PRODUCTS—0.1%** 20 ME Group International plc (United Kingdom)* 30.798 50 66 1.500 3.600 41 177 MACHINERY—2.9% 27 8,100 76 Andritz AG (Austria)..... 235 3,623 Daihatsu Diesel Manufacturing Co Ltd. (Japan) 34 7,300 13,379 89 187 5,396 Exel Industries (France)..... 268 15 1,327 3,300 16 4,800 Fuji Corp. (Japan)..... 319 6,776 123 1,691 Groupe Gorge SA (France)*.... 54 7,500 30 Hoshizaki Corp. (Japan)..... 1,800 63 6,457 IMI plc (United Kingdom)..... 130 11,747 106 2,600 25 Knorr-Bremse AG (Germany)..... 690 9,839 19,100 509 26 1,300 8,800 38 2.200 33 2,900 129 371

Shares		Value
	Y—Continued	
409	Rational AG (Germany)	\$ 296
600	RIX Corp. (Japan)	12
4,711	Schindler Holding AG (Switzerland)	1,053
5,200	Shibaura Machine Co. Ltd. (Japan)	121
4,700	Sodick Co. Ltd. (Japan)	26
3,000	Toyo Machinery & Metal Co. Ltd. (Japan)	14
		4,516
//ARINE—:		
833	AP Moller - Maersk AS (Denmark)	1,506
36,069	Hoegh Autoliners ASA (Norway)*	234
2,544	Kuehne + Nagel International AG (Switzerland)	754
1,228,800	Marco Polo Marine Ltd. (Singapore)*	42
1,100	Nippon Concept Corp. (Japan).	13
310,200	Samudera Shipping Line Ltd. (Singapore)*	311
400,000	SITC International Holdings Co. Ltd. (Hong Kong)	740
1,029	Stolt-Nielsen Ltd. (Bermuda)	30
2,303	Western Bulk Chartering AS (Norway)	10
1,724	Wilson ASA (Norway)	1(
		3,649
/IEDIA—1 . 1,200	1% AlphaPolis Co. Ltd. (Japan)*	30
4,842	Bloomsbury Publishing plc (United Kingdom)	27
16,020	Enero Group Ltd. (Australia)	19
1,900	FAN Communications Inc. (Japan)	6
85	GTN Ltd. (Australia)	_
2.451	HighCo SA (France)	13
300	Macbee Planet Inc. (Japan)*	33
53,310	NZME Ltd. (New Zealand)	34
158,443	Pico Far East Holdings Ltd. (Hong Kong)	27
6,600	Proto Corp. (Japan)	58
33,805	PRT Co. Ltd. (Australia)*	_
8,535	Publicis Groupe SA (France)	698
16,315	Sky Network Television Ltd. (New Zealand)	27
2,400	Vector Inc. (Japan)	23
8,802	Wix.Com Ltd. (Israel)*	768
		1,763
	MINING—8.1%	
1,595	Anglo American plc (United Kingdom)	49
233,117	Base Resources Ltd. (Australia)	29
108,690	BHP Group Ltd. (Australia)	3,226
67,085	BlueScope Steel Ltd. (Australia)	892
21,301	Boryszew SA (Poland)*	39
15,929	Fortescue Metals Group Ltd. (Australia)	223
17,744	Gem Diamonds Ltd. (United Kingdom)*	60
137,331	Grange Resources Ltd. (Australia)	685
74,600 105,087	Iluka Resources Ltd. (Australia)	31 772
6,948	Major Drilling Group International Inc (Canada)*	54
17,660	Mineral Resources Ltd. (Australia)	871
35,973	Perenti Global Ltd. (Australia)*	28
327,104	Pilbara Minerals Ltd. (Australia)	931
13,549	Rana Gruber ASA (Norway).	73
37,573	Rio Tinto plc ADR (United Kingdom) ²	2,404
93,363	Sierra Rutile Holdings Ltd. (Australia)*	14
405,202	South32 Ltd. (Australia)	1,145
9,600	Stelco Holdings Inc. (Canada)	336
5,500	Tree Island Steel Ltd. (Canada)	12
18,759	Voestalpine AG (Austria)	650
3,359	Zimplats Holdings Ltd. (Australia)	56
		12,526
		,

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value	
MIIITIIINE	RETAIL—0.0%		
2,400	Ryohin Keikaku Co. Ltd. (Japan)	\$ 25	5
			-
	LITIES—0.5%	E0'	2
43,985	E.ON SE (Germany)	582	
45,600 1,058	Telecom Plus plc (United Kingdom)	146 24	
169,100	YTL Power International BHD (Malaysia)	42	
103,100	TIL Fower international bilb (ividiaysia)		-
		794	+
OIL, GAS &	CONSUMABLE FUELS—7.3%		
36,669	Awilco LNG AS (Norway)*	33	3
1,365,900	Banpu PCL NVDR (Thailand) ²	365	ō
70,113	BP plc ADR (United Kingdom) ²	2,824	4
55,749	CES Energy Solutions Corp. (Canada)	111	ı
64,200	Crescent Point Energy Corp. (Canada)	475	
7,000	Crew Energy Inc. (Canada)*	24	
59,304	Equinor ASA (Norway) ³	1,707	
507,155	Horizon Oil Ltd. (Australia)	54	
19,700	InPlay Oil Corp. (Canada)*	41	
162,500	Lanna Resources PCL NVDR (Thailand) ²	69	
3,518	Lubelski Wegiel Bogdanka SA (Poland)	33	
4,700	MEG Energy Corp. (Canada)*	78	
4,409	New Hope Corp. Ltd. (Australia)	16	
55,295	New Zealand Refining Co. Ltd. (New Zealand)*	51	
6,900	Obsidian Energy Ltd. (Canada)*	45 498	
10,529	OMV AG (Austria)	490 24	_
1,000	Pegasus Sewing Machine Manufacturing Co. Ltd.	Z	+
2,500	(Japan)	11	1
114,000	PetroChina Co. Ltd. (China)	79	
3,079	Petroleo Brasileiro SA ADR (Brazil) ²	33	
577,000	Petron Corp. (Philippines)*	35	
250,300	PT ABM Investama TBK (Indonesia)	57	
1,395,100	PT Adaro Energy TBK (Indonesia)	299	
1,443,900	PT AKR Corporindo TBK (Indonesia)	160	j
551,700	PT Baramulti Suksessarana TBK (Indonesia)*	156	3
104,000	PT Bayan Resources TBK (Indonesia)	152	2
214,500	PT Bukit Asam TBK (Indonesia)	61	1
32,900	PT Golden Energy Mines TBK (Indonesia)*	15	õ
182,800	PT Indika Energy TBK (Indonesia)*	33	3
52,200	PT Prima Andalan Mandiri TBK (Indonesia)	25	
80,800	PT United Tractors TBK (Indonesia)	159	
136,800	PTT Exploration & Production PCL NVDR (Thailand) ²	595	
121,882	Repsol SA (Spain)	1,790	
866,500	Resource Alam Indonesia TBK (Indonesia)*	29	
3,637	Shell plc (United Kingdom)	112	
10,883	Stanmore Resources Ltd. (Australia)*	22	
225,386	TerraCom Ltd. (Australia)	96	
281,000	Thai Oil PCL NVDR (Thailand) ²	385 64	
2,184 4.788	Washington H Soul Pattinson & Co. Ltd. (Australia)	100	
83,223	Whitehaven Coal Ltd. (Australia)	399	
03,223	willterlaven Goal Eta. (Australia)		-
		11,315)
PAPER & FO	DREST PRODUCTS—0.4%		
15,838	Arctic Paper SA (Poland)	74	1
2,600	Daiken Corp. (Japan)	45	
1,311	Midway Ltd. (Australia)*	1	1
7,200	Mitsubishi Paper Mills Ltd. (Japan)	21	l
7,047	Stella-Jones Inc. (Canada)	276	
21,100	Supremex Inc. (Canada)	89	9

COMMON STOCKS—Continued

Shares		Value
PAPER & FO	DREST PRODUCTS—Continued	
25,200	TA Ann Holdings BHD (Malaysia)	\$ 1
25,869	Western Forest Products Inc. (Canada)	2
		54
	R AIRLINES—1.1%	01
20,430	Jet2 plc (United Kingdom)*	31
316,300	Singapore Airlines Ltd. (Singapore)*	1,39
		1,70
PERSONAL	CARE PRODUCTS—0.0%	
434	Interparfums SA (France)	3
PERSONAL	PRODUCTS—0.0%	
2,600	Mandom Corp. (Japan)	3
PHARMACI	EUTICALS—10.5%	
4,400	DRI Healthcare Trust (Canada)	2
5,082	GSK plc (United Kingdom)	ç
25,899	GSK plc ADR (United Kingdom) ²	93
1,436	Ipsen SA (France)	17
6,515	Merck KGaA (Germany)	1,16
31,700	Nippon Shinyaku Co. Ltd. (Japan)	1,45
29,934	Novo Nordisk AS (Denmark)	4,98
22,300	Ono Pharmaceutical Co. Ltd. (Japan)	44
284	Orion OYJ Class A (Finland)	1
30,600	Otsuka Holdings Co. Ltd. (Japan)	1,04
13,785	Recordati Industria Chimica E Farmaceutica SpA (Italy)	63
10,397	Roche Holding AG (Switzerland)	3,25
5,600	Seikagaku Corp. (Japan)	3
42,500	Shionogi + Co. Ltd. (Japan)	1,90
274 1,322	Vetoquinol SA (France)	2
.,022	That a risular Ltar (riable and r	16,18
DDOFFECIO	MAL CERVICES 2 40/	
600	NAL SERVICES—2.4% Abist Co. Ltd. (Japan)	1
2,500	Asia Air Survey Co. Ltd. (Japan)	1
613	Bertrandt AG (Germany)	3
3,529	Brunel International NV (Netherlands)	4
1,700	Career Design Center Co. Ltd. (Japan)	2
1,800	Creek & River Co. Ltd. (Japan)	2
1,800	Dip Corp. (Japan)	4
1,910	e-Credible Co. Ltd. (South Korea)	2
5,300	en Japan Inc. (Japan)	ç
1,745	Impellam Group plc (United Kingdom)*	1
1,100	JAC Recruitment Co. Ltd. (Japan)	2
2,600	Matching Service Japan Co. Ltd. (Japan)	1
2,400	Meitec Corp. (Japan)	4
57,000	Nihon M&A Center Inc. (Japan)	43
11,864	PageGroup plc (United Kingdom)*	6
2,337	Poolia AB (Sweden)	
23,700	Recruit Holdings Co. Ltd. (Japan)	66
5,300	SIGMAXYZ Holdings Inc. (Japan)	4
8,500	Space Co. Ltd. (Japan)	į
3,412	SThree plc (United Kingdom)	
500	Visional Inc. (Japan)*	:
6,185	Wilmington plc (United Kingdom)	:
14,260	Wolters Kluwer NV (Netherlands)	1,88
1,600	YAMADA Consulting Group Co. Ltd. (Japan)	1
		3,66
RFAI FSTA	TE MANAGEMENT & DEVELOPMENT—0.9%	
,	GENTERT G DETERMINENT VIO	

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value **REAL ESTATE MANAGEMENT & DEVELOPMENT—Continued** Daito Trust Construction Co. Ltd. (Japan) \$ 332 Emaar Development PJSC (United Arab Emirates) 35 Ever Reach Group Holdings Co. Ltd. (Hong Kong)* 116,681 4 K Wah International Holdings Ltd. (Hong Kong). 75,300 14 120,700 16 1.677 14 20,963 Propnex Ltd. (Singapore)..... 2,400 2 PT Agung Podomoro Land TBK (Indonesia)*..... 42 4,596,500 118.500 941 1,402 ROAD & RAIL-0.3% 4,400 Alps Logistics Co. Ltd. (Japan)..... 42 Chilled & Frozen Logistics Holdings Co. Ltd. (Japan).... 19 1.900 50,609 FirstGroup plc (United Kingdom)*..... 71 1.000 25 3,400 Mullen Group Ltd. (Canada)..... 38 PKP Cargo SA (Poland)*.... 14,007 53 2,800 Sankyu Inc. (Japan)..... 99 9,300 Seino Holdings Co. Ltd. (Japan)..... 103 450 **SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—4.3%** ASE Technology Holding ADR (Taiwan)²..... 221,814 1,522 ChipMos Technologies Inc. ADR (Taiwan)²..... 1,378 33 1,500 171 51,863 Infineon Technologies AG (Germany) 1,889 3,100 74 30 2.000 926 12.300 Sanken Electric Co. Ltd. (Japan) 2,500 188 100 SCREEN Holdings Co. Ltd. (Japan)..... STMicroelectronics NV New York Registry Shares 33,523 1,437 Suess Microtec Se (Germany)*..... 1.172 31 1,500 55 6.300 250 6,634 SOFTWARE—4.0% Altium Ltd. (Australia) 61 2,388 Check Point Software Technologies Ltd. (Israel)* 2,354 18,482 100 196 14,600 Coveo Solutions Inc. (Canada)*..... 71 3,500 70 1,100 Digital Arts Inc. (Japan)..... 41 222 8,085 Intelligent Wave Inc. (Japan)..... 20 3,700 5,400 48 3,999 436 3,573 5,070 NICE Ltd. ADR (Israel)*,2..... 1,034 600 2,700 58 393 38,155 1,800 Soliton Systems KK (Japan)..... 14 13,642 19 18,282 Technology One Ltd. (Australia).....

Shares		Value
SOFTWARE	—Continued	
1,801	Telcoware Co. Ltd. (South Korea)	\$ 12
17,119	WiseTech Global Ltd. (Australia)	784
		6,158
SPECIALTY	RETAIL—2.4%	
2,300	ABC-Mart Inc. (Japan)	131
6,743	Autosports Group Ltd. (Australia)	10
21,823	Carasso Motors Ltd. (Israel)	97
75,144	Card Factory plc (United Kingdom)*	104
441	Castro Model Ltd. (Israel)*	4
888	Delta Israel Brands Ltd. (Israel)	10
4,300	Fuji Corp. (Japan)	42
10,966 80,290	Industria de Diseño Textil SA (Spain)	161 2,760
6,986	Naturhouse Health SAU (Spain)*	13
152,900	Padini Holdings BHD (Malaysia)*	139
5,404	Pet Valu Holdings Ltd. (Canada)	145
92,600	PT Map Aktif Adiperkasa (Indonesia)*	29
70	Samse SA (France)	15
		3,660
TECHNOLO	GY HARDWARE, STORAGE & PERIPHERALS—1.2%	
30,700	Brother Industries Ltd. (Japan)	482
1,100	Canon Inc. (Japan)	26
1,712	EVS Broadcast Equipment SA (Belgium)	42
75,300	Ricoh Co. Ltd. (Japan)	623
49,100	Seiko Epson Corp. (Japan)	751
		1,924
TEXTILES. A	APPAREL & LUXURY GOODS—6.5%	
797	Bijou Brigitte AG (Germany)*	48
20,533	Burberry Group plc (United Kingdom)	670
117	Christian Dior SE (France)	107
16,093	Cie Financiere Richemont SA (Switzerland)	2,660
75,209	Geox SpA (Italy)*	85
700	Goldwin Inc. (Japan)	64
1,290	Hermes International (France)	2,801
500 210,000	Jichodo Co. Ltd. (Japan)	26 15
96	LVMH Moet Hennessy Louis Vuitton SE (France)	92
94,100	MC Group PCL NVDR (Thailand) ²	28
12,252	Pandora AS (Denmark)*	1,134
20,400	Prada SpA (Italy)	150
600	Rhythm Co. Ltd. (Japan)	9
42,600	Sabina PCL NVDR (Thailand) ²	35
5,838	Swatch Group AG (Switzerland)	2,003
28,227	Texhong Textile Group Ltd. (Hong Kong)*	21
		9,948
ТОВАССО—	-0.0%	
652,400	PT Wismilak Inti Makmur TBK (Indonesia)	48
TRADING C	OMPANIES & DISTRIBUTORS—1.0%	
60,000	APAC Resources Ltd. (Hong Kong)*	8
2,000	Chori Co. Ltd. (Japan)	38
18,900	Finning International Inc. (Canada)	490
2,900	Gecoss Corp. (Japan)	19
2,853	Howden Joinery Group plc (United Kingdom)	24
2,349	Jacquet Metals SA (France)	46
2,200	Kanaden Corp. (Japan)	19
4,900 800	Nanyo Corp. (Japan)	64 14
252,987	New Times Energy Corp. Ltd. (Bermuda)*	4
202,001	11017 Inno Energy Corp. Eta. (Dermada)	4

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		٧	alue
TRADING C	OMPANIES & DISTRIBUTORS—Continued		
900	NICE Corp. (Japan)	\$	9
2,300	Parker Corp. (Japan)		11
34,095	Rexel SA (France)*		790
900	Totech Corp. (Japan)		28
500	Tsubakimoto Kogyo Co. Ltd. (Japan)		15
			1,579
TRANSPOR	TATION INFRASTRUCTURE—0.0%		
	BTS Rail Mass Transit Growth Infrastructure Fund		
341,700	(Thailand)*		26
91,000	Qilu Expressway Co. Ltd. (China)		27
			53
WIRELESS '	TELECOMMUNICATION SERVICES—0.1%		
3,400	Okinawa Cellular Telephone Co. (Japan)	_	76
TOTAL CON	IMON STOCKS		
(Cost \$14	3,258)	14	19,812

EXCHANGE-TRADED FUNDS—1.0%

(Cost \$1,494)

Shares

CAPITAL MARKETS—1.0%

PREFERRED STOCKS—0.6%

Shares	Value
AUTO COMPONENTS—0.0% 6,114 Schaeffler AG (Germany)	\$ 45
MACHINERY—0.1% 173 KSB SE & Co. KGaA (Germany)	94
OIL, GAS & CONSUMABLE FUELS—0.5% 165,500 Petroleo Brasileiro SA (Brazil)	786
TOTAL PREFERRED STOCKS (Cost \$1,026)	925
TOTAL INVESTMENTS—98.7% (Cost \$145,778)	152,277
CASH AND OTHER ASSETS, LESS LIABILITIES—1.3%	1,975
TOTAL NET ASSETS—100.0%	\$154,252

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Significant Unobservable Inputs Level 3 (000s)	Total (000s)
Common Stocks				
Africa	\$ —	\$ 232	\$	\$ 232
Europe	8,352	71,828	_	80,180
Latin America	718		_	718
Middle East/Central Asia	4,592	953	_	5,545
North America	7,587		_	7,587
Pacific Basin	2,475	53,051	24	55,550
Exchange-Traded Funds				
North America	1,540		_	1,540
Preferred Stocks				
Europe	_	139	_	139
Latin America	786		_	786
Total Investments in Securities	\$26,050	\$126,203	\$24	\$152,277

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

PORTFOLIO OF INVESTMENTS—Continued

The following is a rollforward of the Fund's Level 3 investments during the period ended April 30, 2023. Transfers into or out of Level 3 are recognized as of the last day in the fiscal quarter of the period in which the event or change in circumstances that caused the reclassification occured.

	Doginaing				Total	Change in Unrealized		Transfers	Ending Balance	Unrealized Gain/ Loss
	Beginning Balance			Discount/	Realized	Appreciation/	Transfers Into	Transfers Out of	as of	as of
Valuation Description	as of 11/01/2022	Purchases	Sales	(Premium)	Gain/(Loss)	(Depreciation)	Level 3 ^h	Level 3	04/30/2023	04/30/2023
Valuation Description	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)	(000s)
Common Stocks	<u>\$—</u>	<u>\$—</u>	<u>\$—</u>	<u>\$—</u>	<u>\$—</u>	<u>\$—</u>	<u>\$24</u>	<u>\$—</u>	\$24	<u>\$(15</u>)

The following is a summary of significant unobservable inputs used in the fair valuations of assets and liabilities categorized within Level 3 of the fair value hierarchy.

Valuation Descriptions	Ending Balance as of 04/30/2023 (000s)	Valuation Technique	Unobservable Input(s)	Input Value(s)
Investments in Securities Common Stocks				
Danakali Ltd. (Australia)*	\$ 24	Market Approach	Last Traded Price	AUD 0.41
Jaya Bersama Indo TBK PT (Indonesia)*	_	Market Approach	Estimated Recovery Value	IDR 0.00
Modern Land China Co. Ltd. (Hong Kong)*		Market Approach	Estimated Recovery Value	HKD 0.00
	\$ 24			

The accompanying notes are an integral part of the Financial Statements.

Non-income producing security

x Fair valued in accordance with Harbor Funds' Valuation Procedures.

Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$2,005 or 1% of net assets.

Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

³ All or a portion of this security was out on loan as of April 30, 2023.

h Transferred from Level 2 to Level 3 due to the unavailability of observable market data for pricing

AUD Australian Dollar

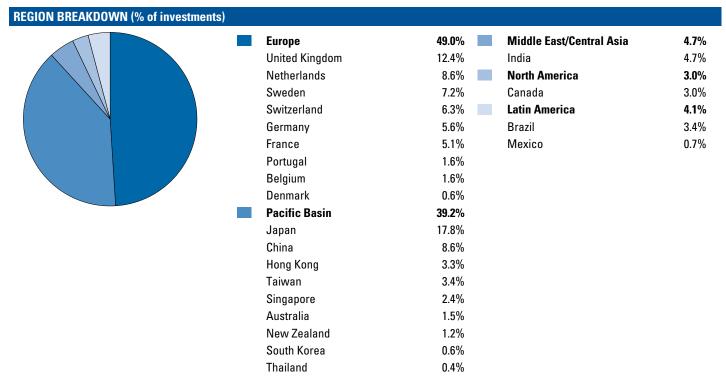
HKD Hong Kong Dollar

IDR Indonesian Rupiah

Harbor International Growth Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Baillie Gifford Overseas Limited



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, there was no foreign currency denomination that comprised more than 25% of the Fund's net assets.

COMMON STOCKS—Continued

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—97.2%

Shares		Value
AIR FREIGH 11,424	T & LOGISTICS—0.6% DSV AS (Denmark)	\$ 2,150
AUTO COM 55,940	PONENTS—0.9% Denso Corp. (Japan)	3,377
AUTOMOBI 23,260	ILES—0.2% Suzuki Motor Corp. (Japan)	811
BANKS—2 . 423,107		8,986
90,323 33,701 3,296,140 265,045	S—4.2% Anheuser-Busch InBev SA NV (Belgium) Remy Cointreau SA (France) Thai Beverage PCL (Thailand) United Spirits Ltd. (India)*	5,873 5,831 1,584 2,524
BIOTECHNO 162,443	DLOGY—0.8% BeiGene Ltd. (China)*	<u>15,812</u> 3,188
BROADLINI 133,383 5,990	E RETAIL—2.6% Coupang Inc. (South Korea)* MercadoLibre Inc. (Brazil)*	2,236 7,652 9,888

Shares		١	/alue
BUILDING F	PRODUCTS—0.6%		
185,020	NIBE Industrier AB (Sweden)	\$	2,072
CAPITAL M	ARKETS—0.8%		
303,999	Hargreaves Lansdown plc (United Kingdom)	_	3,078
DIVERSIFIE	D FINANCIAL SERVICES—3.0%		
47,206	Exor NV (Netherlands)*		3,885
340,771	Investor AB Class B (Sweden)		7,321
			11,206
ELECTRICA	L EQUIPMENT—1.9%		
109,900	Contemporary Amperex Technology Co. Ltd. (China)		3,677
70,280	Nidec Corp. (Japan)		3,478
		Ξ	7,155
ELECTRONI	C EQUIPMENT, INSTRUMENTS & COMPONENTS—2.7%		
10,940	Keyence Corp. (Japan)		4,934
91,660	Murata Manufacturing Co. Ltd. (Japan)		5,200
			10,134
ENTERTAIN	IMENT—1.3%		
25,088	Spotify Technology SA (Sweden)*		3,352
50,693	Ubisoft Entertainment SA (France)*		1,484

4,836

Harbor International Growth Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
FINANCIAL	. SERVICES—2.3%	
3,641	Adyen NV (Netherlands)*,1	\$ 5,851
398,352	Wise plc (United Kingdom)*	2,758
		8,609
	APLES RETAILING—4.9%	0.045
32,990	Cosmos Pharmaceutical Corp. (Japan)	3,245
234,281 927,680	Jeronimo Martins SGPS SA (Portugal)	5,912 4,888
36,620	Sugi Holdings Co. Ltd. (Japan).	1,553
689,197	Wal-Mart de Mexico SAB de CV (Mexico)	2,778
,	,	18,376
		10,570
	RANSPORTATION—0.9%	
44,352	Canadian Pacific Kansas City (Canada)	3,496
HEAITH CA	RE EQUIPMENT & SUPPLIES—4.5%	
34,565	Cochlear Ltd. (Australia)	5,668
359,780	Olympus Corp. (Japan)	6,298
77,440	Sysmex Corp. (Japan)	4,981
		16,947
-	ESTAURANTS & LEISURE—1.7%	
61,605	MakeMyTrip Ltd. (India)*	1,444
750,096 75,267	Trainline plc (United Kingdom)*.1 Trip.com Group Ltd. (China)*	2,347 2,676
13,201	mp.com Group Eta. (Giiiia)	<u> </u>
		6,467
HOUSEHOL	D PRODUCTS—1.7%	
114,140	Pigeon Corp. (Japan)	1,777
118,400	Unicharm Corp. (Japan)	4,780
		6,557
INCUDANO	E 0.50/	
616,360	AIA Group Ltd. (Hong Kong)	6,710
120,892	ICICI Lombard General Insurance Co. Ltd. (India) ¹	1,598
685,600	Ping An Insurance Group Co. of China Ltd. (China)	5,002
000,000	g	13,310
		10,010
	VE MEDIA & SERVICES—4.8%	
894,008	Auto Trader Group plc (United Kingdom) ¹	7,149
172,448	Baidu Inc. Class A (China)*	2,596
832,475 839,400	Rightmove plc (United Kingdom)	6,026 2,299
033,400	Z Holdings Corp. (Japan)	
		18,070
INTERNET	& DIRECT MARKETING RETAIL—7.3%	
442,936	Alibaba Group Holding Ltd. (China)*	4,684
35,519	Games Workshop Group plc (United Kingdom)	4,433
228,240	Meituan Class B (China)*,1	3,901
116,792	Prosus NV (Netherlands)*	8,740
135,509	Zalando SE (Germany)*,1	5,573
		27,331
IT SERVICE	S—2 0%	
110,397	Shopify Inc. (Canada)*	5,349
34,762	Topicus.Com Inc. (Canada)*	2,315
,. 02	-r	7,664
		7,004
LEISURE PI	RODUCTS—1.1%	
25,680	Shimano Inc. (Japan)	3,971

Shares	Value
LIFE SCIENCES TOOLS & SERVICES—3.3%	
6,255 Lonza Group AG (Switzerland)	
5,778 Mettler-Toledo International Inc. (Switzerland)*	8,618
	12,519
MACHINERY—8.2%	
648,476 Atlas Copco AB Class A (Sweden)	9,380
275,784 Epiroc AB Class B (Sweden)	4,748
12,880 SMC Corp. (Japan)	6,424
511,800 Techtronic Industries Co. Ltd. (Hong Kong)	
202,639 Weir Group plc (United Kingdom)	
	30,779
OIL, GAS & CONSUMABLE FUELS—0.8%	
97,742 Reliance Industries Ltd. (India)	2,902
PERSONAL PRODUCTS—2.8%	
42,940 Kao Corp. (Japan)	
174,520 Shiseido Co. Ltd. (Japan)	
	10,483
PROFESSIONAL SERVICES—2.6%	
107,523 Experian plc (United Kingdom)	3,807
57,226 Intertek Group plc (United Kingdom)	
103,700 Hetruit Holdings Co. Etc. (Japan).	9,710
	3,710
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—6.5%	
13,954 ASML Holding NV (Netherlands)	
Taiwan Semiconductor Manufacturing Co. Ltd. ADR	2,877
151,011 (Taiwan) ²	12,730
	24,463
SOFTWARE—2.1%	
44,199 Nemetschek SE (Germany)	3,455
70,637 Xero Ltd. (New Zealand)*	
	7,864
SPECIALTY RETAIL—0.6%	
189,375 AUTO1 Group SE (Germany)*,1	1,494
214,687 Farfetch Ltd. (United Kingdom)*	
	2,359
TEXTILES. APPAREL & LUXURY GOODS—8.9%	
17,724 Adidas AG (Germany)	3,121
133,791 Burberry Group plc (United Kingdom)	4,367
66,055 Cie Financiere Richemont SA (Switzerland)	
6,482 Kering SA (France)	
473,900 Li Ning Co. Ltd. China)	
7,070 EVINIT MOSE HOMIOSSY LOUIS VUILLON OL (HUNGE)	33,619
THRIFTS & MORTGAGE FINANCE—2.4%	0.105
270,120 Housing Development Finance Corp. Ltd. (India)	9,185

Harbor International Growth Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

			ST					
						ont		

Shares		١	/alue
64,777	OMPANIES & DISTRIBUTORS—2.3% Ashtead Group plc (United Kingdom)		3,735 4,879 8,614
(Cost \$29	IMON STOCKS 1,967)	3	65,988
	D STOCKS—2.0%		
(Cost \$1,9	399)		
HEALTH CA 19,050	RE EQUIPMENT & SUPPLIES—2.0% Sartorius AG (Germany)	_	7,404
	ESTMENTS—99.2% 3,966)	3	73,392
CASH AND	OTHER ASSETS, LESS LIABILITIES—0.8%		3,188
TOTAL NET	ASSETS—100.0%	\$3	76,580

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Unobservable Inputs Level 3 (000s)	Total (000s)
Common Stocks				
Europe	\$12,835	\$162,652	\$	\$175,487
Latin America	15,318	_	_	15,318
Middle East/Central Asia	1,444	16,209	_	17,653
North America	11,160	_	_	11,160
Pacific Basin	14,966	131,404	_	146,370
Preferred Stocks				
Europe	_	7,404	_	7,404
Total Investments in Securities	\$55,723	\$317,669	<u>\$</u>	\$373,392

Significant

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

Non-income producing security

¹ Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$27,913 or 7% of net assets.

² Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

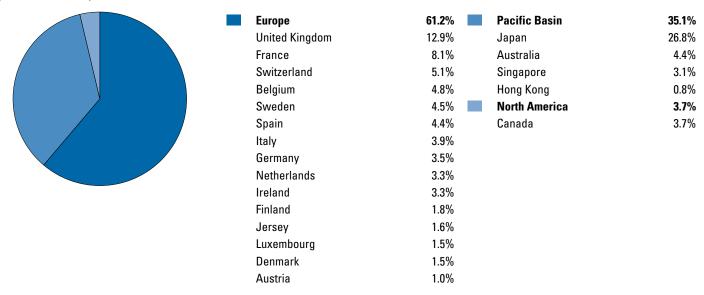
Harbor International Small Cap Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Cedar Street Asset Management LLC

REGION BREAKDOWN (% of investments)

(Excludes derivatives)



The Fund's Portfolio of Investments include investments denominated in foreign currencies. As of April 30, 2023, 30.9% of the Fund's investments were denominated in Euro and 25.4% were denominated in Japanese Yen. No other foreign currency denomination comprised more than 25% of the Fund's net assets.

PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

		_94.9%

Shares		٧	alue_
AIR FREIGH 9,771,800	T & LOGISTICS—1.5% Singapore Post Ltd. (Singapore)	\$	3,743
	PONENTS—0.7% Johnson Electric Holdings Ltd. (Hong Kong)	_	1,842
BANKS—1. 1,975,665	5% Virgin Money UK plc (United Kingdom)	_	3,883
	S—1.9% A.G. Barr plc (United Kingdom)	_	1,460 3,435 4,895
BUILDING F 876,092	PRODUCTS—1.3% Genuit Group plc (United Kingdom)	_	3,311
	ARKETS—1.5% TP ICAP Group plc (Jersey)	_	3,794
	S—2.4% Neo Performance Materials Inc. (Canada)	_	1,359 4,654 6,013
	AL SERVICES & SUPPLIES—4.5% ISS AS (Denmark)*		3,567

Shares		Value
COMMERCI	AL SERVICES & SUPPLIES—Continued	
109,942	Loomis AB (Sweden)	
2,169,032	Serco Group plc (United Kingdom)	4,149
		11,235
CONSTRUC	TION & ENGINEERING—1.6%	
957,551	Maire Tecnimont SpA (Italy)	4,110
CONSUMER	R FINANCE—1.5%	
46,508	Cembra Money Bank AG (Switzerland)	3,735
CONTAINER	RS & PACKAGING—3.2%	
331,688	Fuji Seal International Inc. (Japan)	3,770
407,781	Transcontinental Inc. (Canada)	4,391
		8,161
DISTRIBUT	ORS—4 5%	
858,516	Bapcor Ltd. (Australia)	3,746
402,078	Inchcape plc (United Kingdom)	4,093
88,616	PALTAC Corp. (Japan)	3,400
		11,239
DIVERSIFIE	D FINANCIAL SERVICES—0.9%	
243,898	BFF Bank SpA (Italy) ¹	2,347
ELECTRICA	L EQUIPMENT—1.3%	
79,726	Mersen SA (France)	3,216

Harbor International Small Cap Fund PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		٧	alue_
ELECTRON	IC EQUIPMENT, INSTRUMENTS & COMPONENTS—9.2%		
181,877	Amano Corp. (Japan)	\$	3,703
319,961	Anritsu Corp. (Japan)		2,930
74,118	AT&S Austria Technologie + Systemtechnik AG (Austria).		2,267
93,021	Daiwabo Holdings Co. Ltd. (Japan)		1,755
48,611	Landis+Gyr Group AG (Switzerland)*		4,027
185,172	Optex Group Co. Ltd. (Japan)		2,787
171,153	Topcon Corp. (Japan)		2,438
254,520	Venture Corp. Ltd. (Singapore)		3,252
		_ :	23,159
	QUIPMENT & SERVICES—1.6%		
186,135	Technip Energies NV (France)	_	4,130
FINANCIAL	. SERVICES—1.1%		
393,108	Illimity Bank Spa (Italy)*	_	2,774
FOOD & ST	APLES RETAILING—0.9%		
242,652	Qol Holdings Co. Ltd. (Japan)		2,225
	DUCTS—8.1%		
105,515	Ariake Japan Co. Ltd. (Japan)		4,279
2,510,579	Aryzta AG (Switzerland)*		4,461
508,336	AustAsia Group Ltd. (Singapore)*		207
554,156	Elders Ltd. (Australia)		2,984
290,098	Glanbia plc (Ireland)		4,399
890,482	Japfa Ltd. (Singapore)		141
133,805	Morinaga & Co. Ltd. (Japan)	_	3,965
		_	20,436
GAS UTILIT			
152,160	Rubis SCA (France)	_	4,497
HEALTH CA	RE EQUIPMENT & SUPPLIES—5.8%		
218,902	Ansell Ltd. (Australia)		3,895
847,218	Arjo AB B Shares (Sweden)		3,758
292,217	Eiken Chemical Co. Ltd. (Japan)		3,398
122,720	JEOL Ltd. (Japan)		3,581
			14,632
HEALTH CA	RE PROVIDERS & SERVICES—1.7%		
228,674	Fagron NV (Belgium)		4,251
HOTELO DI	COTAUDANTO O LEIGUDE O 00/		
	ESTAURANTS & LEISURE—2.8%		2 200
200,205	RESORTTRUST, Inc. (Japan)		3,306
867,862	Round One Corp. (Japan)	_	3,754
		_	7,060
	AL CONGLOMERATES—0.9%		
78,519	Indus Holding AG (Germany)	_	2,326
INSURANC	E—4.7%		
99,478	ASR Nederland NV (Netherlands)		4,376
223,303	Coface SA (France)		3,418
839,789	Direct Line Insurance Group plc (United Kingdom)		1,815
1,165,313	Mapfre SA (Spain)		2,334
			11,943
		_	,5 .5

Shares		٧	alue
IT SERVICE			
137,475	Tietoevry OYJ (Finland)	\$	4,393
LEISURE PE	RODUCTS—2.4%		
161,400	Globeride Inc. (Japan)		2,959
111,137	Spin Master Corp. (Canada) ¹	_	3,162
		_	6,121
MACHINER			
162,108	Construcciones y Auxiliar de Ferrocarrilles SA (Spain)		5,031
407,169 23,540	Husqvarna AB (Sweden)		3,514 3,093
213,900	METAWATER Co. Ltd. (Japan)		2,819
142,340	Nabtesco Corp. (Japan)		3,431
129,250	Norma Group SE (Germany)		3,075
252,600	OSG Corp. (Japan)	_	3,548
		_	24,511
MEDIA—4.			
011 005	Atresmedia Corp. de Medios de Comunicacion SA		2 244
811,225 129,665	(Spain)		3,244 4,078
77,776	RTL Group SA (Luxembourg)		3,646
,	· •	_	 10,968
DEDCOMAL	PRODUCTS—1.4%		
418,336	Ontex Group NV (Belgium)*	_	3,588
	NAL SERVICES—1.2%		
206,762	Open Up Group Inc. (Japan)	_	3,063
ROAD & RA			
724,198	Redde Northgate plc (United Kingdom)	_	3,425
SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—1.4%		
421,046	X-FAB Silicon Foundries SE (Belgium)*,1		3,586
SOFTWARE	: 2 7 %		
295,555	Computer Engineering & Consulting Ltd. (Japan)		3,073
437,092	TomTom NV (Netherlands)*		3,747
			6,820
TEXTILES.	APPAREL & LUXURY GOODS—1.7%		
4,243,253	Coats Group plc (United Kingdom)		4,178
TOTAL COM	IMON STOCKS		
	3,158)	2	39,610
		_	, 0
	ESTMENTS—94.9%	0	20 610
	3,158)	_	39,610
	OTHER ASSETS, LESS LIABILITIES—5.1%	_	12,747
TOTAL NET	ASSETS—100.0%	\$2	52,357

Harbor International Small Cap Fund

PORTFOLIO OF INVESTMENTS—Continued

RIGHTS/WARRANTS					
Description Mersen SA Right	No. of Contracts 79,726	Strike Price EUR 28.00	Expiration Date 05/02/2023	Cost (000s) \$—	Value (000s) \$127

FAIR VALUE MEASUREMENTS

The following table summarizes the Fund's investments as of April 30, 2023 based on the inputs used to value them.

Asset Category	Quoted Prices Level 1 (000s)	Other Significant Observable Inputs Level 2 (000s)	Significant Unobservable Inputs Level 3 (000s)	Total (000s)
Investments in Securities				
Common Stocks				
Europe	\$ 4,398	\$142,306	\$ —	\$146,704
North America	8,912	_	_	8,912
Pacific Basin		83,994	_	83,994
Total Investments in Securities	\$13,310	\$226,300	\$	\$239,610
Financial Derivative Instruments - Assets				
Rights/Warrants	\$ 127	\$ —	\$	\$ 127
Total Investments.	\$13,437	\$226,299	<u>\$—</u>	\$239,737

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

EUR EURO

Non-income producing security

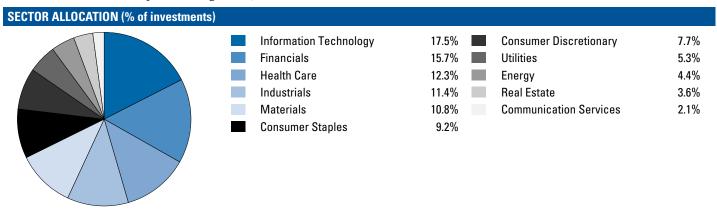
Securities purchased in a transaction exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. The Fund has no right to demand registration of these securities. As of April 30, 2023, the aggregate value of these securities was \$9,095 or 4% of net assets.

² Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

Harbor Large Cap Value Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Aristotle Capital Management, LLC



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

row	an an an a	4	reve	07/	10/
CUIV	IMON	เอเบ	レレク ー	-97.4	-70

Shares		Value
AEROSPAC 176,000	E & DEFENSE—2.0% General Dynamics Corp	\$ 38,428
AUTO COM	PONENTS—1.9%	
2,307,000	Cie Generale des Etablissements Michelin SCA ADR (France) ¹	36,543
BANKS—6	2%	
420,000	Commerce Bancshares Inc	23,457
301,000	Cullen/Frost Bankers Inc.	33,185
4,072,000 267,000	Mitsubishi UFJ Financial Group Inc. ADR (Japan) ¹ PNC Financial Services Group Inc	25,572 34 <i>.</i> 777
207,000	1 No Financial Services Group Inc	116,991
		110,331
BEVERAGE	/-	.=
742,000	Coca-Cola Co	47,599
163,000	Constellation Brands Inc	37,404
		85,003
BIOTECHNO	DLOGY—2.5%	
193,000	Amgen Inc	46,270
CAPITAL M	ARKETS—4.7%	
168,000	Ameriprise Financial Inc	51,260
421,000	Blackstone Group Inc	37,608
		88,868
CHEMICAL	S7 8%	
1,181,000	Corteva Inc	72,183
226,000	Ecolab Inc.	37,932
449,000	RPM International Inc	36,831
		146,946
CONSTRUC	TION MATERIALS—2.7%	
138,000	Martin Marietta Materials Inc	50,122
CONCURSE		
428.000	R FINANCE—2.2% Capital One Financial Corp	41,644
,,,,,,	'	
	R STAPLES DISTRIBUTION—2.1%	00.004
วบช,บบับ	Sysco Corp	38,984

Shares		Value
ELECTRIC UTILITIES—2.6%		
688,000 Xcel Energy Inc.	\$	48,098
ENTERTAINMENT—2.1% 495,000 Activision Blizzard Inc.*		38,466
GAS UTILITIES—2.6%		
425,000 Atmos Energy Corp		48,510
HEALTH CARE EQUIPMENT & SUPPLIES—4.0%		
539,000 Alcon Inc. (Switzerland)		39,067
388,000 Medtronic plc (Ireland)		35,288
	_	74,355
HOUSEHOLD DURABLES—5.5%		
499,000 Lennar Corp. Class A		56,292
7,126 Lennar Corp. Class B		697
523,000 Sony Corp. ADR (Japan) ¹		46,898
		103,887
HOUSEHOLD PRODUCTS—2.4%		
284,000 Procter & Gamble Co		44,412
INDUSTRIAL CONGLOMERATES—2.5%		
230,000 Honeywell International Inc		45,963
INSURANCE—2.1%		
378,000 Cincinnati Financial Corp		40,234
LIFE SCIENCES TOOLS & SERVICES—2.7%	_	
216,000 Danaher Corp		51,173
,	_	
MACHINERY—6.6% 310,000 Oshkosh Corp		23,721
172,000 Parker-Hannifin Corp		55,880
424.000 Xvlem Inc.		44,028
	_	123,629
OH CAC 9 CONCUMANT FUELS 4 20/	_	
OIL, GAS & CONSUMABLE FUELS—4.3% 1,774,000 Coterra Energy Inc		45,414
353,000 Phillips 66		34,947
	· –	80,361
	_	00,001

Harbor Large Cap Value Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

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Shares		Value
PHARMACI 462.000	EUTICALS—2.8% Merck & Co. Inc	\$ 53,347
,		* ***********************************
410,000	AL REITs—1.5% Equity Lifestyle Properties Inc	28,249
SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—5.0%	
694,000	Microchip Technology Inc	50,655
368,000	QUALCOMM Inc	42,982
		93,637
SOFTWARE	:—12.1 %	
136,000	Adobe Inc.*	51,348
174,000	ANSYS Inc.*	54,622
216,000		42,075
254,000	Microsoft Corp	78,044
		226,089

COMMON STOCKS—Continued

Shares	Value
SPECIALIZED REITs—2.0% 306,000 Crown Castle International Corp.	\$ 37,666
TOTAL COMMON STOCKS (Cost \$1,340,168)	1,827,875
TOTAL INVESTMENTS—97.4% (Cost \$1,340,168)	1,827,875
CASH AND OTHER ASSETS, LESS LIABILITIES—2.6%	48,403
TOTAL NET ASSETS—100.0%	\$1,876,278

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 1.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

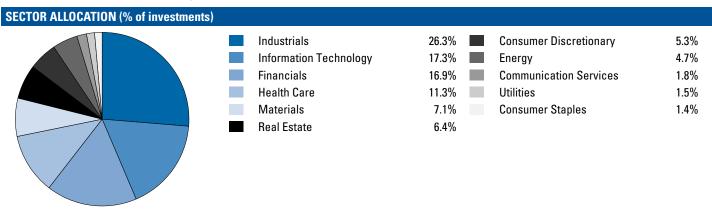
^{*} Non-income producing security

¹ Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

Harbor Mid Cap Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: EARNEST Partners, LLC



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—98.0%

Shares		Value
6,728 25,986 42,515 15,120	E & DEFENSE—6.8% General Dynamics Corp	\$ 1,469 1,873 1,265 1,452 6,059
BANKS —1. 93,554	2% KeyCorp	1,053
BUILDING F 37,683	PRODUCTS—2.2% Masco Corp	2,016
16,738 16,761 18,565 25,107	ARKETS—7.3% Houlihan Lokey Inc. Intercontinental Exchange Inc. Raymond James Financial Inc. Stifel Financial Corp.	1,529 1,826 1,681 1,506 6,542
7,653 10,219 22,726	Albemarle Corp	1,420 861 1,518 3,799
18,426 20,437	AL SERVICES & SUPPLIES—4.0% Republic Services Inc	2,665 933 3,598
COMMUNIO 19,143	CATIONS EQUIPMENT—1.0% Lumentum Holdings Inc.*	924
CONSUMER 16,230	R STAPLES DISTRIBUTION—1.4% Sysco Corp	1,245
7,907 28,159	RS & PACKAGING—2.7% Packaging Corp. of America	1,070 1,351 2,421

Shares		Value
FLECTRICAL FO	UIPMENT—1.9%	
	nsata Technologies Holding plc (United Kingdom)	\$ 1,675
FI FCTRONIC FO	UIPMENT, INSTRUMENTS & COMPONENTS—3.8%	
12,508 Arr	ow Electronics Inc.*	1,431
13,802 Key	ow Electronics Inc.*ysight Technologies Inc.*	1,997
		3,428
ENERGY EQUIP	MENT & SERVICES—1.9%	
,	ampionX Corp	947
21,755 Hel	Imerich & Payne Inc	721
		1,668
ENTERTAINMEN		
19,882 Act	tivision Blizzard Inc.*	1,545
FINANCIAL SER	VICES—1.6%	
12,970 Glo	bal Payments Inc	1,462
GROUND TRANS	SPORTATION—1.5%	
43,833 CS	X Corp	1,343
HEALTH CARE E	QUIPMENT & SUPPLIES—1.4%	
30,101 Der	ntsply Sirona Inc	1,262
HEALTH CARE P	ROVIDERS & SERVICES—2.8%	
	erisourceBergen Corp	1,408
4,855 Lab	poratory Corp. of America Holdings	1,101
		2,509
	URANTS & LEISURE—2.4%	
14,149 Dar	rden Restaurants Inc	2,150
	JRABLES—2.0%	
16,484 D.R	R. Horton Inc	1,810
INDUSTRIAL RE	ITs—1.8%	
53,496 Am	ericold Realty Trust Inc	1,583
INSURANCE—6	1.5%	
	nsurance Group of America Inc	1,826

Harbor Mid Cap Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
9,704 13,825	E—Continued RenaissanceRe Holdings Ltd. (Bermuda) The Progressive Corp	\$ 2,090 1,886 5,802
IT SERVICE 15,097	S—1.4% Akamai Technologies Inc. [*]	1,237
14,056 3,445 36,712	CES TOOLS & SERVICES—5.5% Agilent Technologies Inc. Bio-Rad Laboratories Inc.* Syneos Health Inc.*	1,904 1,553 1,441 4,898
5,849 8,762 6,659	Y—4.9% Cummins Inc Dover Corp Snap-on Inc.	1,375 1,281 1,727 4,383
MULTI-UTII 13,409	.ITIES—1.4% WEC Energy Group Inc	1,289
OFFICE REI 16,137	Ts—1.0% Boston Properties Inc	861
OIL, GAS & 63,761 22,865	CONSUMABLE FUELS—2.8% Coterra Energy Inc	
PHARMACE 25,084	Catalent Inc.*	
PROFESSIO 8,462	NAL SERVICES—1.4% Broadridge Financial Solutions Inc	1,230

COMMON STOCKS—Continued

Shares		Value
REAL ESTA	TE MANAGEMENT & DEVELOPMENT—2.3%	
27,534	CBRE Group Inc.*	\$ 2,111
SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—4.8%	
10,242	Applied Materials Inc	1,158
22,009	Entegris Inc	1,649
14,542	Skyworks Solutions Inc.	1,540
		4,347
SOFTWARE	—5.9 %	
6,474	ANSYS Inc.*	2,032
20,992	Black Knight Inc.*	1,147
5,711	Synopsys Inc.*	2,121
		5,300
SPECIALIZI	ED REITs—1.2%	
4,277	SBA Communications Corp	1,116
SPECIALTY	RETAIL—0.8%	
8,839	TJX Companies Inc	697
TRADING C	OMPANIES & DISTRIBUTORS—3.1%	
37,383	Air Lease Corp	1,503
11,236	GATX Corp	1,280
		2,783
TOTAL CON	IMON STOCKS	
	i,177)	87,875
	· ·	
	ESTMENTS—98.0% .177)	87,875
,	, ,	
	OTHER ASSETS, LESS LIABILITIES—2.0%	1,821
TOTAL NET	ASSETS—100.0%	\$89,696

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 1.

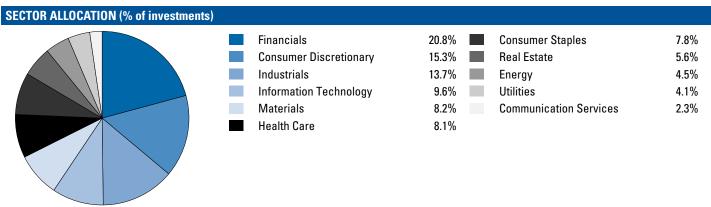
For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

^{*} Non-income producing security

Harbor Mid Cap Value Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: LSV Asset Management



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—99.0%

Shares		١	/alue
AEROSPAC	E & DEFENSE—1.4%		
3,700	Huntington Ingalls Industries Inc	\$	746
15,200	Moog Inc		1,370
25,300	Textron Inc		1,693
			3,809
AUTO COM	PONENTS—1.3%		
137,900	American Axle & Manufacturing Holdings Inc.*		986
36,000	BorgWarner Inc		1,733
68,900	Goodyear Tire & Rubber Co.*	_	735
		_	3,454
	ILES—1.3%		
62,200	Harley-Davidson Inc.		2,308
17,400	THOR Industries Inc	_	1,375
		_	3,683
BANKS—3			
83,200	Citizens Financial Group Inc		2,574
42,800	Fifth Third Bancorp		1,121
127,600	KeyCorp		1,437
170,600 52,900	Regions Financial Corp		3,115 1,474
32,300	Zions Bancorporation	_	9,721
		_	3,721
72,300	S—1.6% Molson Coors Beverage Co		4,300
,		_	4,300
	OLOGY—1.4%		1 000
176,100 8,800	Ironwood Pharmaceuticals Inc.*		1,833 2,025
0,000	Officed Therapeutics Corp.	_	
		_	3,858
	E RETAIL—1.4%		
44,700	eBay Inc.		2,076
20,400	Kohl's Corp		449
82,300	Macy's Inc	_	1,345
		_	3,870
	PRODUCTS—1.5%		
39,600	Owens Corning		4,230

Shares		١	/alue
CAPITAL M	ARKETS—3.8%		
11,700	Ameriprise Financial Inc	\$	3,570
60,800	Bank of New York Mellon Corp		2,589
30,900	Jefferies Financial Group Inc		990
24,600	Lazard Ltd. (Bermuda)		770
34,300	State Street Corp		2,479
		Ξ	10,398
CHEMICAL	S—3.4%		
56,013	Chemours Co		1,629
14,300	Eastman Chemical Co		1,205
95,300	Huntsman Corp		2,553
16,170	Ingevity Corp.*		1,160
52,300	Koppers Holdings Inc		1,716
12,600	LyondellBasell Industries N.V. (Netherlands)		1,192
			9,455
CONSUME	R FINANCE—3.0%		
117,500	Ally Financial Inc		3,100
10,900	Discover Financial Services		1,128
166,600	Navient Corp		2,755
46,400	Synchrony Financial		1,369
			8,352
CONSUME	R STAPLES DISTRIBUTION—3.3%		
14,329	Ingles Markets Inc		1,319
87,900	Kroger Co		4,275
71,500	Sprouts Farmers Market Inc.*		2,478
31,500	Walgreens Boots Alliance Inc		1,110
			9,182
CONTAINE	RS & PACKAGING—3.2%		
33,400	Berry Global Group Inc		1,931
30,010	Greif Inc.		1,884
78,400	0-I Glass Inc.*		1,762
37,300	Silgan Holdings Inc		1,837
45,900	WestRock Co	_	1,374
			8,788
DIVERSIFIE	D CONSUMER SERVICES—0.5%		
36,800	H&R Block Inc	_	1,248

Harbor Mid Cap Value Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares Value **ELECTRIC UTILITIES—1.1%** 88,600 NRG Energy Inc......\$ 3,028 **ELECTRICAL EQUIPMENT—1.0%** 2,754 **ELECTRONIC EQUIPMENT, INSTRUMENTS & COMPONENTS—4.7%** 23,300 Arrow Electronics Inc.*.... 2,666 24,200 Avnet Inc..... 41,300 3,228 21,400 Methode Electronics Inc..... 877 37,427 1,956 10,300 917 69,900 TTM Technologies Inc.*.... 826 69,800 Vishay Intertechnology Inc..... 1,486 12,954 **EQUITY REAL ESTATE INVESTMENT TRUSTS (REITs)—1.1%** 390 2.594 2,984 FINANCIAL SERVICES—3.3% Banco Latinoamericano de Comercio Exterior SA 79,987 1,440 132,900 1,976 19,700 1,231 77,000 1,869 16,300 Voya Financial Inc..... 1,247 117,600 Western Union Co..... 1,285 9,048 **FOOD PRODUCTS—2.8%** Archer Daniels Midland Co..... 1,944 24.900 47,700 1,811 23,800 Ingredion Inc..... 2.527 23,300 1,456 7,738 **GAS UTILITIES—1.8%** National Fuel Gas Co..... 40.000 2,236 2,650 4,886 **GROUND TRANSPORTATION—0.8%** 2,079 **HEALTH CARE PROVIDERS & SERVICES—4.6%** 41,800 Cardinal Health Inc..... 3.432 34.359 2.368 Centene Corp.*.... DaVita Inc.* Laboratory Corp. of America Holdings..... 4.800 1.088 2,550 Universal Health Services Inc..... 11.200 1,684 12,622 **HEALTH CARE REITs—0.9%** 1,003 50.900 1,362 2,365 **HOTEL & RESORT REITs—1.0%** 869 137,900 Hersha Hospitality Trust.....

Shares		Value
HOTEL & RE	SORT REITs—Continued	
80.100	Sabra Health Care REIT Inc	\$ 913
102,411	Service Properties Trust	898
	·	2,680
HOTELS, RE	STAURANTS & LEISURE—0.6%	
56,500	Bloomin' Brands Inc	1,399
19,900	Ruth S Hospitality Group Inc	322
		1,721
	D DURABLES—4.8%	4 004
49,557	Ethan Allen Interiors Inc.	1,384
11,400 53,900	Meritage Homes Corp	1,460
53,700	PulteGroup Inc	3,620 3,432
23,500	Whirlpool Corp.	3,432
20,000	vviiii poor oorp.	
		13,176
INDEPENDE	NT POWER AND RENEWABLE ELECTRICITY PRODUCERS-	-1.2 %
142,700	Vistra Corp	3,405
	•	
INSURANCE		
48,300	Aflac Inc.	3,374
9,200	American Financial Group Inc.	1,129
34,900 21,800	American International Group Inc	1,851
62,400	Hartford Financial Services Group Inc.	1,256 4,430
35,800	Lincoln National Corp	778
129,100	Old Republic International Corp	3.262
37,000	Universal Insurance Holdings Inc	571
37,000	Unum Group	1,561
		18,212
IT SERVICES		1.740
73,300	DXC Technology Co.*	1,748
LEISURE PR	ODUCTS—0.6%	
19,500	Brunswick Corp	1,654
	W 0.00/	
MACHINER		4.052
32,700 67,000	AGCO Corp	4,053 3,269
17,600	Cummins Inc.	4,137
17,700	Snap-on Inc.	4,591
24,500	Timken Co	1,883
70,400	Titan International Inc.*	687
		18,620
MEDIA—2.3		0.145
64,500 15.600	Fox Corp	2,145
78,300	Nexstar Media Group Inc	2,706 1,339
70,300	TEONA IIIC.	
		6,190
METALS & I	MINING—1.2%	
13,000	Reliance Steel & Aluminum Co	3,221
MODTOACT	DEAL POTATE INIVESTMENT TRUSTS (DELT) - 0.000	
41.650	REAL ESTATE INVESTMENT TRUSTS (REITs)—0.3% Annaly Capital Management Inc	832
41,000	Annuly Sapital Management IIIC	032
OFFICE REIT		
240,078	Franklin Street Properties Corp	278
52,750	Office Properties Income Trust	344

Harbor Mid Cap Value Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
OFFICE REIT	rs—Continued	
139,000	Paramount Group Inc	\$ 602
138,248	Piedmont Office Realty Trust Inc	900
		2,124
OIL. GAS &	CONSUMABLE FUELS—4.5%	
55,700	APA Corp	2,053
33,200	Devon Energy Corp	1,774
60,500	HF Sinclair Corp	2,669
22,200	Marathon Petroleum Corp	2,708
19,500	Phillips 66	1,930
10,700	Valero Energy Corp	1,227
3,636	Vitesse Energy Inc	67
		12,428
PAPER & FO	DREST PRODUCTS—0.3%	
17,200	Sylvamo Corp	788
PASSENGE	R AIRLINES—1.1%	
36.000		1,564
31,500	United Airlines Holdings Inc.*	1,380
,,,,,,	3	2,944
DUADMACI	EUTICALS—2.0%	
26.800	Jazz Pharmaceuticals plc (Ireland)*	3.765
13,800	Prestige Consumer Healthcare Inc.*	849
93,493	Viatris Inc.	872
30,430	viutio iiio.	
		5,486
PROFESSIO	NAL SERVICES—0.8%	
27,500	ManpowerGroup Inc	2,082
RETAIL REI	Ts—1.8%	
19,400	Simon Property Group Inc	2,198
95,800	SITE Centers Corp	1,182
82,900	Tanger Factory Outlet Centers Inc	1,626
		5,006

COMMON STOCKS—Continued

Shares	Value
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT—1.7%	
123,600 Amkor Technology Inc	\$ 2,765
25,600 Diodes Inc.*	2,040
	4,805
SPECIALTY RETAIL—4.1%	
24,100 Best Buy Co. Inc	1,796
9,500 Dick's Sporting Goods Inc	1,378
67,500 Foot Locker Inc	2,834
6,800 Group 1 Automotive Inc	1,526
36,200 ODP Corp.*	1,564
15,700 Penske Automotive Group Inc	2,176
	11,274
TECHNOLOGY HARDWARE, STORAGE & PERIPHERALS—2.4%	
147,900 HP Inc	4,394
11,300 Seagate Technology Holdings plc (Ireland)	664
93,900 Xerox Holdings Corp	1,472
	6,530
TEXTILES, APPAREL & LUXURY GOODS—0.5%	
25,800 Capri Holdings Ltd. (Virgin Islands)*	1,071
28,100 G-III Apparel Group Ltd.*	441
	1,512
TRADING COMPANIES & DISTRIBUTORS—0.3%	
10,758 Triton International Ltd. (Bermuda)	889
	000
10,700	
TOTAL COMMON STOCKS	
	272,133
TOTAL COMMON STOCKS	272,133
TOTAL COMMON STOCKS (Cost \$251,595)	272,133
TOTAL COMMON STOCKS (Cost \$251,595)	

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 1.

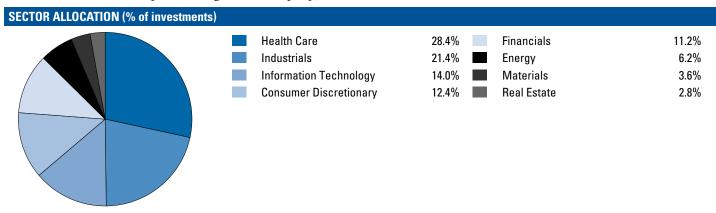
For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

^{*} Non-income producing security

Harbor Small Cap Growth Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: Westfield Capital Management Company, L.P.



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

IN STOCKS	

Shares			Value
AEROSPAC 319,156	E & DEFENSE—2.3% Hexcel Corp	\$	23,005
AUTO COM 94,730	PONENTS—1.3% Visteon Corp.*	_	13,299
398,010 1,082,901 178,931 285,150 246,370 140,933 654,185	But a specific and the	_	6,360 30,917 14,928 19,949 8,103 27,334 11,723
BUILDING I 204,660	PRODUCTS—2.0% AAON Inc.		20,057
CAPITAL M 428,537	ARKETS—0.9% StepStone Group Inc.		9,441
417,350 557,150	Avient Corp	_	16,072 17,589 33,661
COMMERC 228,940	IAL SERVICES & SUPPLIES—2.0% Casella Waste Systems Inc.*		20,376
COMMUNIO 119,413	CATIONS EQUIPMENT—1.6% F5 Networks Inc.*	_	16,044
CONSTRUC 420,219	TION & ENGINEERING—1.9% Willscot Mobile Mini Holdings Corp.*	_	19,078
CONTAINER 441,691	RS & PACKAGING—0.2% Ranpak Holdings Corp.*		1,802
	L EQUIPMENT—3.7% Atkore Inc.*		10,515

Shares		Value	
FIECTRICA	L EQUIPMENT—Continued		
	Encore Wire Corp	\$ 15,843	
259,690	Sensata Technologies Holding plc (United Kingdom)	11,284	
		37,642	
ENERGY EC	QUIPMENT & SERVICES—2.1%		
310,320		8,403	
1,584,760	ChampionX Corp	12,805	
		21,208	
FINANCIAL	SERVICES—5.2%		
670,888	Flywire Corp.*	19,570	
305,500	Shift4 Payments Inc.*	20,703	
70,741	WEX Inc.*	12,546	
		52,819	
GROUND T	RANSPORTATION—3.0%		
99,910	Saia Inc.*	29,750	
HEALTH CA	RE EQUIPMENT & SUPPLIES—5.4%		
192,700	Haemonetics Corp.* Inspire Medical Systems Inc.*	16,131	
90,330	Inspire Medical Systems Inc.*	24,175	
171,660	Lantheus Holdings Inc.*	14,668	
		54,974	
HEALTH CA	RE PROVIDERS & SERVICES—4.3%		
226,338	Amedisys Inc.*	18,175	
776,527	Option Care Health Inc.*	24,965	
		43,140	
HEALTH CA	RE TECHNOLOGY—1.2%		
971,420	Veradigm Inc*	12,133	
HOTELS, RI	STAURANTS & LEISURE—8.6%		
68,336	Churchill Downs Inc	19,990	
222,030	Planet Fitness Inc.*	18,460	
191,390	Texas Roadhouse Inc	21,172	
136,380	Wingstop Inc.	27,291	
		86,913	
INDUSTRIAL REITs—1.1%			
311,300	STAG Industrial Inc.	10,544	

Harbor Small Cap Growth Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		1	Value
INSURANC	E—4.5%		
64,304		\$	21,009
158,184	Palomar Holdings Inc.*		7,950
92,070	Primerica Inc	_	16,804
		_	45,763
LEISURE PE	RODUCTS—1.3%		
178,323	BRP Inc. (Canada)		13,333
LIFE SCIEN	CES TOOLS & SERVICES—3.4%		
303,530	Azenta Inc.*		13,200
46,371	Bio-Rad Laboratories Inc.*		20,904
			34,104
MACHINER	V—4 2%		
263,604			22,259
117,670	Lincoln Electric Holdings Inc		19,745
			42,004
OII GAS&	CONSUMABLE FUELS—3.8%		
624,080	Northern Oil And Gas Inc		20,701
275,700	PDC Energy Inc		17,934
			38,635
PHARMACI	EUTICALS—1.0%		
897,936	Innoviva Inc.*		10,533
DDUEEGGIU	NAL SERVICES—1.5%		
	WNS Holdings Ltd. ADR (India)*,1		15,096
	-	_	-,,,,,
RETAIL REI	Ts—1.6% Spirit Realty Capital Inc		16,335
424,720	opini nearly capital inc	_	10,333

COMMON STOCKS—Continued

Shares		Value
33,345 192,050 156,271 83,376 98.500	UCTORS & SEMICONDUCTOR EQUIPMENT—4.7% Impinj Inc.* Macom Technology Solutions Holdings Inc.* Onto Innovation Inc.* Synaptics Inc.* Universal Display Corp.	11,204 12,655 7,384
30,300	Oniversal Bisplay corp	47,335
\$0FTWARE 496,349 254,570 737,829 607,100 268,270	Box Inc.* Dynatrace Inc.* Samsara Inc.* Smartsheet Inc.* Tenable Holdings Inc.*	13,134 10,763 13,318 24,812 9,923 71,950
SPECIALTY 295,675	RETAIL—0.6% National Vision Holdings Inc.*	6,221
	IMON STOCKS 5,530)	966,509
	ESTMENTS—95.6% 5,530)	966,509
CASH AND	OTHER ASSETS, LESS LIABILITIES—4.4%	44,790
TOTAL NET	ASSETS—100.0%	\$1,011,299

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 1.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

The accompanying notes are an integral part of the Financial Statements.

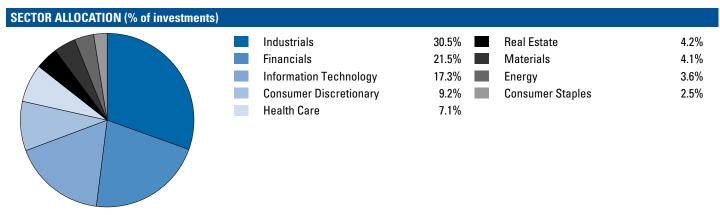
^{*} Non-income producing security

¹ Depositary receipts such as American Depositary Receipts (ADRs), Global Depositary Receipts (GDRs) and other country specific depositary receipts are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depositary banks and generally trade on an established market in the U.S. or elsewhere.

Harbor Small Cap Value Fund

PORTFOLIO OF INVESTMENTS—April 30, 2023 (Unaudited)

Subadvisor: EARNEST Partners LLC



PORTFOLIO OF INVESTMENTS

Value and Cost in Thousands

COMMON STOCKS—96.6%

Shares			Value
AEROSPACE & DEFENSE—8.9%			
830,577	AAR Corp.*	\$	43,838
810,501	Hexcel Corp		58,421
422,745	Moog Inc.		38,093
1,078,062	Parsons Corp.*		46,896
			187,248
BANKS—1	0.5%		
842,623	Enterprise Financial Services Corp		36,031
1,000,938	First Merchants Corp		29,207
832,298	Heartland Financial USA Inc		27,100
620,337	South State Corp		42,791
1,256,191	Trustmark Corp		30,010
859,831	United Bankshares Inc		28,486
1,134,587	United Community Banks	_	28,251
		_	221,876
CAPITAL M	ARKETS—4.5%		
699.222	Houlihan Lokey Inc		63,895
514,522	Stifel Financial Corp		30,856
			94,751
CHEMICAL	S—4 0%		
595.974	Cabot Corp		42,767
623,399	Scotts Miracle-Gro Co		41,649
,		_	84,416
COMMEDO	IAL SERVICES & SUPPLIES—4.6%		
896.542	Casella Waste Systems Inc.*		79,792
2,059,236	Steelcase Inc.		16,474
2,033,230	Steelcase IIIC	_	<u> </u>
		_	96,266
CONSUME	R FINANCE—2.1%		
438,233	FirstCash Holdings Inc		45,151
ELECTRICA	L EQUIPMENT—1.7%		
441,101	EnerSys	_	36,598
ELECTRONI	IC EQUIPMENT, INSTRUMENTS & COMPONENTS—7.5%		
360,223	Advanced Energy Industries Inc		31,159
747,405	CTS Corp.		29,306
169,786	Littelfuse Inc.		41,129
, . 00			,0

Shares		Value
ELECTRONI	C EQUIPMENT, INSTRUMENTS & COMPONENTS—Conti	nued
678,573 340,720	Methode Electronics Inc	\$ 27,815 29,803
		159,212
ENERGY EC	QUIPMENT & SERVICES—3.5%	
1,981,537	Archrock Inc.	20,390
436,883	Core Laboratories NV (Netherlands)	9,834
456,014 1.938.456	DMC Global Inc.*	8,637 34,369
1,330,430	Oceaneening international inc.	73,230
		73,230
FOOD PROI 844.344	DUCTS—2.4% Darling Ingredients Inc.*	50,298
,		30,230
GROUND T 297.700	RANSPORTATION—1.1% Ryder System Inc	23,566
297,700	nydei Systeili IIIC	
	RE EQUIPMENT & SUPPLIES—5.4%	70.000
563,852 521,979	CONMED Corp	70,803 42,985
321,373	integer flordings outp.	113,788
		110,700
	RE PROVIDERS & SERVICES—1.5% Pediatrix Medical Group Inc.*	30,758
	·	30,730
	ESORT REITs—1.0% Pebblebrook Hotel Trust	21,190
		21,130
	ESTAURANTS & LEISURE—4.8%	40.010
1,211,420 384,314	Cheesecake Factory Inc	40,812 40,799
5.121.706	Sabre Corp.*	20,487
	·	102,098
пинсения	D DURABLES—2.9%	
258,121	Helen of Troy Ltd.*	25,900
274,666	Meritage Homes Corp.	35,171
		61,071
INDUSTRIA	IL REITs—1.9%	
	STAG Industrial Inc.	39,652

Harbor Small Cap Value Fund

PORTFOLIO OF INVESTMENTS—Continued

Value and Cost in Thousands

COMMON STOCKS—Continued

Shares		Value
INSURANC	E—3.7%	
540,908	Horace Mann Educators Corp	\$ 16,920
337,852	Reinsurance Group of America Inc	48,083
454,867	United Fire Group Inc	12,236
		77,239
MACHINER	Y—10.0%	
456,014	Albany International Corp	41,593
1,283,724	Flowserve Corp	42,864
667,100	Franklin Electric Co. Inc	59,686
582,415	SPX Technologies Inc.*	37,088
398,704	Timken Co	30,640
		211,871
OFFICE REI	Ts—1.2%	
1,134,014	Corporate Office Properties Trust	25,958
PROFESSIO	NAL SERVICES—1.1%	
258,582	Trinet Group Inc.*	23,991
SEMICOND	UCTORS & SEMICONDUCTOR EQUIPMENT—5.5%	
1,046,826	Amkor Technology Inc	23,417
414,715	Diodes Inc.*	33,053
270,167	Entegris Inc	20,241
1,469,572	FormFactor Inc.*	40,134
		116,845

COMMON STOCKS—Continued

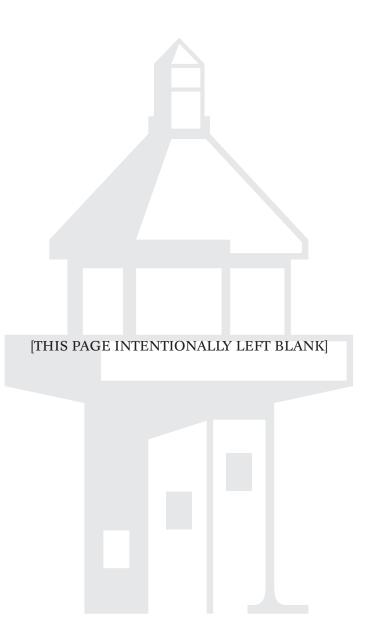
Shares		Value
SOFTWARE—3.6% 1,338,790 Box Inc.* 647,184 Envestnet Inc.*	\$	35,424 41,019
	_	76,443
TEXTILES, APPAREL & LUXURY GOODS—1.2% 1,439,745 Wolverine World Wide Inc		24,101
TRADING COMPANIES & DISTRIBUTORS—2.0% 372,268 GATX Corp		42,405
TOTAL COMMON STOCKS (Cost \$1,623,485)	<u>.</u>	2,040,022
TOTAL INVESTMENTS—96.6%		
(Cost \$1,623,485)	2	2,040,022
CASH AND OTHER ASSETS, LESS LIABILITIES—3.4%		72,786
TOTAL NET ASSETS—100.0%	\$2	2,112,808

FAIR VALUE MEASUREMENTS

All investments as of April 30, 2023 (as disclosed in the preceding Portfolio of Investments) were classified as Level 1.

For more information on valuation inputs and their aggregation into the levels identified above, please refer to the Fair Value Measurements and Disclosures in Note 2 of the accompanying Notes to Financial Statements.

Non-income producing security



Harbor Funds

STATEMENTS OF ASSETS AND LIABILITIES—April 30, 2023 (Unaudited)

(All amounts in thousands, except per share amounts)

	Harbor Capital Appreciation Fund	Harbor Convertible Securities Fund	Harbor Core Bond Fund	Harbor Core Plus Fund	Harbor Disruptive Innovation Fund	Harbor Diversified International All Cap Fund	Harbor Global Leaders Fund
ASSETS							
Investments, at identified cost	\$12,963,266	\$ 39,292	\$107,831	\$1,109,790	\$ 86,618	\$ 887,711	\$58,144
Investments, at value (Including securities loaned of \$0, \$0, \$0, \$0, \$0, \$9,176 and \$0). Cash.	\$22,452,637 96,262	\$ 38,411 236	\$104,930 2,544	\$1,011,874 16,334	\$ 79,352 1,038	\$ 988,817 13,215	\$66,134 452
Foreign currency, at value (cost: \$4,228, \$0, \$0, \$3, \$0, \$2,458 and \$0)	4,226	_	_	2	_	2,443	_
Receivables for: Investments sold	163,757 24,159	402	169 7	3,831 746	 19	13,919 459	 21
Dividends	1,191	2 102	664	6,869	4	4,239	33
Securities lending income	_	_	_	_	_	3 9	_
Withholding tax. Prepaid registration fees	963 69		4 14		1 21	894 27	7 24
Prepaid fund insurance Other assets	215 3,107	2 32	1 9	10 386	1 68	9 128	1 12
Total Assets	22,746,586	39,211	108,342	1,040,072	80,504	1,024,162	66,684
LIABILITIES Pavables for:							
Ínvestments purchased	213,919 22,335	247 —	2,493 508	17,273 830	832	12,423 136	 74
Collateral for securities loaned	_	_	5	100	_	9,176 —	_
Tax compliance fee payable (see Note 2)	10,217	 17	20	209		<u> </u>	 39
12b-1 fees Transfer agent fees.	204 1,423	2	4	2 83	4 6	4 38 67	2 5 8
Trustees' fees and expenses	3,768 1,855	30 25	5 26	470 158	64 48	691	63
Total Liabilities	253,721	321	3,061	19,125	1,001	23,147	191
NET ASSETS	\$22,492,865	\$ 38,890	\$105,281	\$1,020,947	\$ 79,503	\$1,001,015	\$66,493
Net Assets Consist of: Paid-in capital	\$14,120,881 8,371,984	\$ 55,406 (16,516)	\$114,748 (9,467)	\$1,202,333 (181,386)	\$ 210,669 (131,166)	\$ 951,534 49,481	\$60,675 5,818
-	\$22,492,865	\$ 38,890	\$105,281	\$1,020,947	\$ 79,503	\$1,001,015	\$66,493

	Harbor Capital Appreciation Fund	Harbor Convertible Securities Fund	Harbor Core Bond Fund	Harbor Core Plus Fund	Harbor Disruptive Innovation Fund	Harbor Diversified International All Cap Fund	Harbor Global Leaders Fund
NET ASSET VALUE PER SHARE BY CLASS							
Retirement Class Net assets Shares of beneficial interest ¹ Net asset value per share ² .	98,798	\$10,029 1,028 \$ 9.75	\$72,695 8,019 \$ 9.06	\$ 13,270 1,289 \$ 10.29	\$10,550 2,269 \$ 4.65	\$676,998 57,673 \$ 11.74	\$15,684 628 \$ 24.97
Institutional Class Net assets	\$14,047,453 186,931 \$ 75.15	\$27,126 2,783 \$ 9.75	\$32,586 3,596 \$ 9.06	\$997,110 97,023 \$ 10.28	\$51,011 11,116 \$ 4.59	\$304,853 25,960 \$ 11.74	\$39,099 1,575 \$ 24.83
Administrative Class Net assets	2,800	\$ 68 7 \$ 9.58	N/A N/A N/A	\$ 10,567 1,027 \$ 10.29	\$ 2,050 528 \$ 3.88	\$ 9,243 789 \$ 11.71	\$ 1,008 42 \$ 23.99
Investor Class Net assets	11,561	\$ 1,667 172 \$ 9.70	N/A N/A N/A	N/A N/A N/A	\$15,892 4,585 \$ 3.47	\$ 9,921 851 \$ 11.66	\$10,702 457 \$ 23.43

¹ Par value \$0.01 (unlimited authorizations)

² Per share amounts can be recalculated to the amounts disclosed herein when total net assets and shares of beneficial interest are not rounded to thousands.

Harbor Funds

STATEMENTS OF ASSETS AND LIABILITIES—April 30, 2023 (Unaudited)—Continued

(All amounts in thousands, except per share amounts)

	Harbor International Fund	Harbor International Core Fund	Harbor International Growth Fund	Harbor International Small Cap Fund	Harbor Large Cap Value Fund	Harbor Mid Cap Fund
ASSETS	** ***	****	****	****	** - * - * - *	***
Investments, at identified cost	\$2,938,262	\$145,778	\$293,966	\$223,158	\$1,340,168	\$85,177
Investments, at value (Including securities loaned of \$4,158, \$0, \$0,						
\$0, \$0 and \$0)	\$3,469,929	\$152,277	\$373,392	\$239,610	\$1,827,875	\$87,875
Cash	52,364	1,016	2,508	10,964	30,706	1,998
Foreign currency, at value (cost: \$11,222, \$100, \$6, \$842, \$0 and \$0) . Receivables for:	11,188	98	6	843	_	_
Investments sold	71,450	_	493	660	16,654	_
Capital shares sold	1,313	215	49	766	1,101	_
Dividends	20,432	780	954	1,379	1,463	26
Interest	39	_	_		_	_
Securities lending income	101	_	_	127	_	_
Withholding tax	4.494	237	273	94	458	
Prepaid registration fees	51	29	21	36	27	23
Prepaid fund insurance	31	1	4	2	22	1
Other assets	3,875	40	98	20	146	6
Total Assets	3,635,267	154,693	377,798	254,502	1,878,452	89,929
LIABILITIES Payables for:						
Investments purchased	65,792	_	312	1,651	_	_
Capital share's reacquired	694	82	159	119	836	149
Collateral for securities loaned	4,158	_	_	_	_	_
Dividends to shareholders	_	_	_	_	_	_
Tax compliance fee payable (see Note 2)	10,737	_	_	_	_	_
Management fees	2,153	94	232	167	929	55
12b-1 fees	_59	2	2	1	6	_
Transfer agent fees	274	12	26	15	80	3
Trustees' fees and expenses	3,630	4	84	8	153	4
Other	2,416	247	403	184	170	22
Total Liabilities	89,913	441	1,218	2,145	2,174	233
NET ASSETS	\$3,545,354	\$154,252	\$376,580	\$252,357	\$1,876,278	\$89,696
Net Assets Consist of:						
Paid-in capital	\$3,499,036	\$151,668	\$301,672	\$233,267	\$1,361,731	\$88,246
Total distributable earnings/(loss)	46,318	2,584	74,908	19,090	514,547	1,450
-	\$3,545,354	\$154,252	\$376,580	\$252,357	\$1,876,278	\$89,696

	Harbor International Fund	Harbor International Core Fund	Harbor International Growth Fund	Harbor International Small Cap Fund	Harbor Large Cap Value Fund	Harbor Mid Cap Fund
NET ASSET VALUE PER SHARE BY CLASS						
Retirement Class Net assets. Shares of beneficial interest ¹ Net asset value per share ²	\$ 594,840	\$ 23,669	\$ 78,503	\$ 71,736	\$1,169,000	\$65,801
	13,669	2,131	4,985	4,871	60,488	5,319
	\$ 43.52	\$ 11.11	\$ 15.75	\$ 14.73	\$ 19.33	\$ 12.37
Institutional Class Net assets	\$2,658,846	\$119,335	\$289,851	\$175,143	\$ 678,087	\$23,054
	60,848	10,756	18,440	11,891	35,076	1,864
	\$ 43.70	\$ 11.10	\$ 15.72	\$ 14.73	\$ 19.33	\$ 12.37
Administrative Class Net assets. Shares of beneficial interest ¹ Net asset value per share ²	\$ 11,604	N/A	\$ 156	\$ 521	\$ 3,005	N/A
	263	N/A	10	36	155	N/A
	\$ 44.09	N/A	\$ 15.68	\$ 14.70	\$ 19.34	N/A
Investor Class Net assets	\$ 280,064	\$ 11,248	\$ 8,070	\$ 4,957	\$ 26,186	\$ 841
	6,471	1,020	518	338	1,338	68
	\$ 43.28	\$ 11.03	\$ 15.58	\$ 14.67	\$ 19.57	\$ 12.32

Harbor Funds

STATEMENTS OF ASSETS AND LIABILITIES—April 30, 2023 (Unaudited)—Continued

(All amounts in thousands, except per share amounts)

	Harbor Mid Cap Value Fund	Harbor Small Cap Growth Fund	Harbor Small Cap Value Fund
ASSETS Investments, at identified cost	\$251,595	\$ 885,530	\$1,623,485
Investments, at value (Including securities loaned of \$0, \$0, and \$0)		\$ 966,509	\$2,040,022
Cash	536	48,613	72,466
Receivables for:			
Investments sold	2,193	9,298	1,888
Capital shares sold	79 263	1,105 38	1,019 787
Interest		_	_
Securities lending income.	_	_	_
Purchased options, at value (cost: \$0, \$0, and \$0)	_	_	_
Prepaid registration fees	26	32	39
Prepaid fund insurance	3	10	23
Other assets	83	102	145
Total Assets	275,316	1,025,707	2,116,389
LIABILITIES Payables for:			
Investments purchased	116	13,122	634
Capital share's reacquired	65	386	1,059
Collateral for securities loaned	_	_	_
Accrued expenses:			
Tax compliance fee payable (see Note 2)		_	_
Management fees	172 6	620 2	1,308 9
Transfer agent fees	24	60	136
Trustees' fees and expenses	79	130	212
Other	46	88	223
Total Liabilities	508	14,408	3,581
NET ASSETS	\$274,808	\$1,011,299	\$2,112,808
Net Assets Consist of:			
Paid-in capital	\$239,311	\$1,039,285	\$1,532,525
Total distributable earnings/(loss)	35,497	(27,986)	580,283
	\$274,808	\$1,011,299	\$2,112,808

	Harbor Mid Cap Value Fund	Harbor Small Cap Growth Fund	Harbor Small Cap Value Fund
NET ASSET VALUE PER SHARE BY CLASS			
Retirement Class Net assets. Shares of beneficial interest ¹ . Net asset value per share ² .	774	\$352,445 30,076 \$ 11.72	\$ 610,392 16,556 \$ 36.87
Institutional Class Net assets Shares of beneficial interest ¹ Net asset value per share ²	\$227,122 10,114 \$ 22.46	\$650,339 55,998 \$ 11.61	\$1,459,101 39,586 \$ 36.86
Administrative Class Net assets. Shares of beneficial interest ¹ Net asset value per share ²	142	\$ 612 61 \$ 9.96	\$ 8,239 226 \$ 36.54
Investor Class Net assets Shares of beneficial interest ¹ Net asset value per share ²	1,205	\$ 7,903 880 \$ 8.99	\$ 35,076 986 \$ 35.57

STATEMENTS OF OPERATIONS—Period Ended April 30, 2023 (Unaudited)

	Harbor Capital Appreciation Fund	Harbor Convertible Securities Fund
Investment Income		
Dividends	\$ 83,741	\$ 71
Interest	2,689	929
Net securities lending income	(1.000)	_
Foreign taxes withheld	(1,869)	_
Foreign tax reclaims, net of applicable tax compliance fee (see Note 2)		
Total Investment Income.	84,561	1,000
Operating Expenses	00.007	050
Management fees	63,897	253
Administrative Class	234	1
Investor Class	951	2
Shareholder communications.	356	6
Custodian fees	281	11
Transfer agent fees:	201	- ''
Retirement Class	705	3
Institutional Class.	6,650	27
Administrative Class	94	
Investor Class.	798	2
Professional fees	777	29
Trustees' fees and expenses.	607	3
Registration fees	90	28
Miscellaneous	267	6
Total expenses	75,707	371
Management fees waived.	(4,479)	(17)
Other expenses reimbursed .	(., -	(36)
Net expenses	71,228	318
Net Investment Income/(Loss)	13,333	682
Net Realized and Change in Net Unrealized Gain/(Loss) on Investment Transactions		
Net realized gain/(loss) on: Investments (net of foreign capital gains tax: \$0, \$0, \$0, \$0, \$0, \$(1), \$0 and \$(2))	/27 C2E\	(10.700)
· · ·	(27,635)	(10,709)
In-kind redemptionsForeign currency transactions	87,729 (194)	_
Purchased options.	(134)	_
Change in net unrealized appreciation/(depreciation) on:	_	_
Investments (net of foreign capital gains tax accrual: \$0, \$0, \$0, \$0, \$0 and \$0)	2,510,094	13,479
Purchased options.	2,310,034	
Translations of assets and liabilities in foreign currencies	13	_
Net gain/(loss) on investment transactions	2,570,007	2,770
Net Increase/(Decrease) in Net Assets Resulting from Operations.	\$2,583.340	\$ 3.452
ract motegac/(Debtegac) in ract Assers nesulting noin operations.	φ ∠ ,505,540	\$ J,4JZ

Harbor Core Bond Fund	Harbor Core Plus Fund	Harbor Disruptive Innovation Fund	Harbor Diversified International All Cap Fund	Harbor Global Leaders Fund	Harbor International Fund
\$ —	\$ —	\$ 140	\$ 13,041	\$ 209	\$ 51,462
1,721	19,852	42	245	26	759
<u> </u>	56	_	58	_	226
_	_	(2)	(1,321)	(17) —	(4,831) 3,120
1,721	19,908	180	12,023	218	50,736
			•		
99	1,221	322	3,516	254	12,631
N/A	14	3	11	1	14
N/A	N/A	20	12	14	339
5	38	14	16	5	116
13	48	10	168	12	244
6	1	2	63	2	56
15	477	29	144	20	1,265
N/A	5	1	4	1	6
N/A	N/A	17	10	11	284
2	36	3	53	9	120
2	28	3	25	2	90
15	25	30	29	27	51
4	15	6	15	5	43
161	1,908	460	4,066	363	15,259
_	_	_	_	(17)	_
(36)	(44)	(52)	(540)	(41)	(2,012)
125	1,864	408	3,526	305	13,247
1,596	18,044	(228)	8,497	(87)	37,489
(1,105)	(11,846)	(32,171)	(11,182)	(368)	(26,728)
_	_	_	_	_	_
_	_	(1)	534	2	3,106
_	_	_	_	_	4
5,430	64,748	37,461	181,208	7,539	730,216
_	_	_	9	_	64
	26	_	54	2	529
4,325	52,928	5,469	170,623	7,171	707,191
\$ 5,921	\$ 70,972	\$ 5,241	\$179,120	\$7,084	\$744,680

STATEMENTS OF OPERATIONS—Period Ended April 30, 2023 (Unaudited)—Continued

	Harbor International Core Fund	Harbor International Growth Fund	Harbor International Small Cap Fund
Investment Income			
Dividends	\$ 2,936	\$ 1,971	\$ 3,026
Interest	42	44	236
Net securities lending income	5	_	1
Foreign taxes withheld	(279)	(169)	(304)
Foreign tax reclaims, net of applicable tax compliance fee (see Note 2)		_	
Total Investment Income	2,704	1,846	2,959
Operating Expenses	400	4.007	700
Management fees.	468	1,397	790
12b-1 fees:	NI/A		
Administrative Class	N/A	_	1
Investor Class	8 7	9 9	4
Shareholder communications		-	5
Custodian fees	88	66	40
Retirement Class.	2	8	5
Institutional Class	48	143	66
Administrative Class		—	
Investor Class	7	8	3
Professional fees	28	44	11
Trustees' fees and expenses	3	10	4
Registration fees	23	28	31
Miscellaneous.	6	9	6
Total expenses	688	1,731	966
Management fees waived	_	_	_
Other expenses reimbursed	(154)	(166)	(88)
Net expenses	534	1,565	878
Net Investment Income/(Loss).	2,170	281	2,081
Net Realized and Change in Net Unrealized Gain/(Loss) on Investment Transactions			
Net realized gain/(loss) on:			
Investments (net of foreign capital gains tax: \$0, \$214, \$0, \$0, \$0, \$0 and \$0)	638	6,746	878
In-kind redemptions			
Foreign currency transactions	(44)	(7)	(62)
Purchased options	_	_	_
Change in net unrealized appreciation/(depreciation) on:	11 100	70.005	20 570
Investments (net of foreign capital gains tax accrual: \$0, \$172, \$0, \$0, \$0, \$0 and \$0)	11,130	70,065	26,570
Purchased options	11		127
Translations of assets and liabilities in foreign currencies	11	35	(5)
Net gain/(loss) on investment transactions	11,735	76,839	27,508
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$13,905	\$77,120	\$29,589

Harbor Large Cap Value Fund	Harbor Mid Cap Fund	Harbor Mid Cap Value Fund	Harbor Small Cap Growth Fund	Harbor Small Cap Value Fund
\$20,616 796	\$ 729 31	\$ 4,299 43	\$ 3,281 720	\$ 15,326 1,192
_	-		=	_
(66)	_ _	_	(7) —	<u>(1)</u>
21,346	760	4,342	3,994	16,517
6,032	340	1,140	3,575	8,034
4	N/A	4	1	11
33	1	35	9	46
30	5	15	11	64
27	7	11	18	33
127	7	3	33	61
355	11	122	308	742
2	N/A	2	_	5
28	1	30	8	39
75	3	11	33	76
58	2	9	27	60
47	21	28	51	48
30	5	8	15	30
6,848	403	1,418	4,089	9,249
(368)	(30)	— (82)	_ _	
6,480	373	1,336	4,089	9,249
14,866	387	3,006	(95)	7,268
28,457	1,518	11,100	(61,900)	181,727
_	_	_	_	_
_	_	_	1	_
_	_	_	_	_
40,808	665	(7,804)	101,791	(183,188)
_	_	_	_	_
69,265	2,183		39,892	
				(1,461)
\$84,131	\$2,570	\$ 6,302	\$ 39,797	\$ 5,807

STATEMENTS OF CHANGES IN NET ASSETS

		r Capital ation Fund		onvertible ies Fund	Harbor Core Bond Fund		
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	
INCREASE/(DECREASE) IN NET ASSETS	(Unaudited)		(Unaudited)		(Unaudited)		
Operations:							
Net investment income/(loss)	\$ 13,333	\$ (43,377)	\$ 682	\$ 503	\$ 1,596	\$ 1,820	
Net realized gain/(loss) on investments Change in net unrealized	59,900	165,694	(10,709)	(4,062)	(1,105)	(4,988)	
appreciation/(depreciation) of investments	2,510,107	(14,648,695)	13,479	(31,493)	5,430	(11,308)	
Net increase/(decrease) in assets resulting from operations	2,583,340	(14,526,378)	3,452	(35,052)	5,921	(14,476)	
Distributions to Shareholders							
Retirement Class	_	(1,774,533)	(288)	(5,078)	(1,196)	(864)	
Institutional Class		(4,236,598)	(579)	(20,117)	(670)	(1,726)	
Administrative Class		(64,010)	(1)	(10)	N/A	N/A	
Investor Class		(245,539)	(15)	(352)	N/A	N/A	
Total distributions to shareholders	_	(6,320,680)	(883)	(25,557)	(1,866)	(2,590)	
Net Increase/(Decrease) Derived from Capital							
Share Transactions	(1,774,583)	263,781	(126,401)	17,371	31,849	(56,045)	
Net increase/(decrease) in net assets	808,757	(20,583,277)	(123,832)	(43,238)	35,904	(73,111)	
Net Assets Beginning of period	21,684,108	42,267,385	162,722	205,960	69,377	142,488	
End of period		\$ 21,684,108	\$ 38,890	\$162,722	\$105,281	\$ 69,377	

	r Core Fund	Harbor Disruptive Innovation Fund		Intern	iversified ational p Fund	Harbor Global Leaders Fund		Intern	rbor ational ınd
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022								
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)	_
\$ 18,044 (11,846)	\$ 35,812 (47,933)	\$ (228) (32,172)	\$ (515) (89,319)	\$ 8,497 (10,648)	\$ 19,600 (11,363)	\$ (87) (370)	\$ (274) 6,299	\$ 37,489 (23,618)	\$ 98,461 (1,372)
64,774	(199,083)	37,641	(42,370)	181,271	(272,409)	7,541	(50,292)	730,809	(1,118,338)
70,972	(211,204)	5,241	(132,204)	179,120	(264,172)	7,084	(44,267)	744,680	(1,021,249)
(284) (21,572) (230) N/A	(4,079) (43,520) (541) N/A	_	(23,847) (77,166) (2,270) (25,465)	(9,126) (3,990) (102) (93)	(59,014) (22,740) (638) (661)	(1,241) (3,157) (75) (863)	(2,179) (7,958) (154) (2,404)	(17,969) (81,213) (332) (7,758)	(18,874) (68,529) (269) (6,320)
(22,086)	(48,140)	_	(128,748)	(13,311)	(83,053)	(5,336)	(12,695)	(107,272)	(93,992)
24,032	(358,945)	(33,958)	21,971	27,470	(50,281)	(2,808)	(18,033)	(108,889)	(438,491)
72,918	(618,289)	(28,717)	(238,981)	193,279	(397,506)	(1,060)	(74,995)	528,519	(1,533,732)
948,029 \$1,020,947	1,566,318 \$ 948.029	108,220 \$ 79,503	347,201 \$ 108,220	807,736 \$1.001.015	1,205,242 \$ 807,736	67,553 \$66.493	142,548 \$ 67,553	3,016,835 \$3,545,354	4,570,567 \$ 3,016,835

STATEMENTS OF CHANGES IN NET ASSETS—Continued

	Harbor International Core Fund		Intern	rbor ational th Fund	Harbor International Small Cap Fund	
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022
INCREASE/(DECREASE) IN NET ASSETS Operations:	(Unaudited)		(Unaudited)		(Unaudited)	
Net investment income/(loss)	\$ 2,170	\$ 2,572	\$ 281	\$ 1,312	\$ 2,081	\$ 1,648
Net realized gain/(loss) on investments	594	(6,072)	6,739	(3,649)	816	2,143
appreciation/(depreciation) of investments	11,141	(11,551)	70,100	(308,631)	26,692	(16,401)
Net increase/(decrease) in assets resulting from operations	13,905	(15,051)	77,120	(310,968)	29,589	(12,610)
Distributions to Shareholders						
Retirement Class	(556)	(1,921)		(11,011)	(1,030)	(731)
Institutional Class	(2,011)	(3,283)	_	(55,495)	(2,528)	(3,330)
Administrative Class	N/A	N/A		(36)	(11)	(31)
Investor Class	(62)	(12)	_	(992)	(29)	(121)
Total distributions to shareholders	(2,629)	(5,216)	_	(67,534)	(3,598)	(4,213)
Net Increase/(Decrease) Derived from Capital Share Transactions	52,516	57,654	(46,731)	(146,117)	100,763	80,999
Net increase/(decrease) in net assets	63,792	37,387	30,389	(524,619)	126,754	64,176
Net Assets	,	- ,	,	,- ,/	-, -	
Beginning of period	90,460	53,073	346,191	870,810	125,603	61,427
End of period	\$154,252	\$ 90,460	\$376,580	\$ 346,191	\$252,357	\$125,603

Large C	Harbor Large Cap Value Harbor Mid Fund Cap Fund		Large Cap Value				or Mid lue Fund		r Small wth Fund		r Small lue Fund
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022										
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)			
\$ 14,866	\$ 28,002	\$ 387	\$ 395	\$ 3,006	\$ 7,372	\$ (95)	\$ (1,568)	\$ 7,268	\$ 8,959		
28,457	88,519	1,518	54	11,100	29,401	(61,899)	40,115	181,727	142,404		
40,808	(435,986)	665	(6,927)	(7,804)	(49,490)	101,791	(301,227)	(183,188)	(335,267)		
84,131	(319,465)	2,570	(6,478)	6,302	(12,717)	39,797	(262,680)	5,807	(183,904)		
(61,110)	(52,480)	(2,210)	(799)	(2,850)	(756)	(14,253)	(83,797)	(39,751)	(32,266)		
(33,052)	(36,416)	(657)	(507)	(18,642)	(4,476)	(26,126)	(148,196)	(97,526)	(107,712)		
(145)	(126)	N/A	N/A	(233)	(37)	(33)	(230)	(577)	(624)		
(1,145)	(979)	(25)	(17)	(2,052)	(306)	(406)	(2,234)	(2,454)	(3,413)		
(95,452)	(90,001)	(2,892)	(1,323)	(23,777)	(5,575)	(40,818)	(234,457)	(140,308)	(144,015)		
(220,127)	(40,120)	1,000	35,025	(24,958)	(111,979)	97,656	281,609	105,805	(229,263)		
(231,448)	(449,586)	678	27,224	(42,433)	(130,271)	96,635	(215,528)	(28,696)	(557,182)		
2,107,726	2,557,312	89,018	61,794	317,241	447,512	914,664	1,130,192	2,141,504	2,698,686		
\$1,876,278	\$2,107,726	\$89,696	\$89,018	\$274,808	\$ 317,241	\$1,011,299	\$ 914,664	\$2,112,808	\$2,141,504		

STATEMENTS OF CHANGES IN NET ASSETS—CAPITAL STOCK ACTIVITY

		oor Capital ciation Fund		onvertible ies Fund	Harbor Core Bond Fund	
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022
	(Unaudited)		(Unaudited)		(Unaudited)	
AMOUNT (\$)						
Retirement Class Net proceeds from sale of shares	(1,193,892)	\$ 2,201,220 1,592,630 (2,000,911) (104,908)	\$ 9,934 288 (34,777)	\$ 333 5,077 (687)	\$31,887 1,161 (4,344)	\$ 20,943 817 (11,313)
Net increase/(decrease) in net assets	\$ (527,669)	\$ 1,688,031	\$ (24,555)	\$ 4,723	\$28,704	\$ 10,447
Institutional Class Net proceeds from sale of shares	(1,898,379)		\$ 4,246 560 (106,240)	\$ 41,896 19,729 (49,025)	\$ 4,444 661 (1,960)	\$ 5,104 1,708 (73,304)
Net increase/(decrease) in net assets	\$(1,154,308)	\$(1,394,217)	\$(101,434)	\$ 12,600	\$ 3,145	\$(66,492)
Administrative Class Net proceeds from sale of shares	(22,756)	\$ 50,951 59,341 (142,425) \$ (32,133)	\$ 7,132 1 (7,154) \$ (21)	\$ — 10 — \$ 10	N/A N/A N/A	N/A N/A N/A
	\$ (0,140)	\$ \32,133/	\$ (21)	φ 10	N/A	N/A
Investor Class Net proceeds from sale of shares	(126,216)		\$ 1,349 15 (1,755)	\$ 363 352 (677)	N/A N/A N/A	N/A N/A N/A
Net increase/(decrease) in net assets	\$ (84,466)	\$ 2,100	\$ (391)	\$ 38	N/A	N/A

	Harbor Core Harbor Disruptive Plus Fund Innovation Fund			Interna	Harbor Diversified International Harbor All Cap Fund Leaders			Harbor International Fund		
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		
\$ 3,088 283 (3,091)	\$ 24,136 4,079 (167,693)	\$ 2,696 ———————————————————————————————————	\$ 9,859 23,286 (30,096)	\$ 68,436 9,017 (55,124)	\$ 118,341 58,029 (251,456)	\$ 386 1,201 (2,065)	\$ 1,792 2,059 (1,635)	\$ 78,568 16,714 (62,800)	\$ 98,153 18,178 (347,322)	
\$ 280	\$(139,478)	\$ (6,820)	\$ 3,049	<u> </u>	\$ (75,086)	\$ (478)	\$ 2,216	\$ 32,482	\$ (230,991)	
\$ 94,678	\$ 92,911	\$ 3,658	\$ 40,752	\$ 22,542	\$ 69,833	\$ 1,327	\$ 6,957	\$ 88,210	\$ 1,135,261	
20,752	41,739	_	55,436	3,287	19,287	3,055	7,698	76,238	63,912	
(90,461)	(351,268)	(28,783)	(86,214)	(20,845)	(66,997)	(6,505)	(29,397)	(285,970)	(1,368,732)	
		_	_			_	_	_		
\$ 24,969	\$(216,618)	\$(25,125)	\$ 9,974	\$ 4,984	\$ 22,123	\$(2,123)	\$(14,742)	\$(121,522)	\$ (169,559)	
\$ 224 230 (1,671)	\$ 1,569 538 (4,956)	\$ 70 — (631)	\$ 442 2,269 (1,000)	\$ 943 102 (793)	\$ 1,298 638 (730)	\$ 11 75 (15)	\$ 148 154 (391)	\$ 342 326 (1,638)	\$ 1,230 265 (2,727)	
\$ (1,217)	\$ (2,849)	\$ (561)	\$ 1,711	\$ 252	\$ 1,206	\$ 71	\$ (89)	\$ (970)	\$ (1,232)	
N/A N/A N/A	N/A N/A N/A	\$ 754 — (2,206)	\$ 10,514 23,829 (27,106)	\$ 717 93 (905)	\$ 1,955 661 (1,140)	\$ 188 857 (1,323)	\$ 606 2,383 (8,407)	\$ 7,158 7,669 (33,706)	\$ 15,131 6,246 (58,086)	
N/A	N/A	\$ (1,452)	\$ 7,237	\$ (95)	\$ 1,476	\$ (278)	\$ (5,418)	\$ (18,879)	\$ (36,709)	

STATEMENTS OF CHANGES IN NET ASSETS—CAPITAL STOCK ACTIVITY—Continued

	Harbor International Core Fund		Interna	bor ational h Fund		ternational Cap Fund
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022
	(Unaudited)		(Unaudited)		(Unaudited)	
AMOUNT (\$)						
Retirement Class Net proceeds from sale of shares	\$ 905 556 (1,430)	\$ 10,846 1,921 (4,158)	\$ 1,264 ————————————————————————————————————	\$ 7,637 9,892 (27,149)	\$ 40,739 1,029 (7,010)	\$ 26,387 731 (3,508)
Net increase/(decrease) in net assets	\$ 31	\$ 8,609	\$ (9,922)	\$ (9,620)	\$ 34,758	\$ 23,610
Institutional Class Net proceeds from sale of shares	\$47,399 1,714 (5,265)	\$ 54,089 3,014 (10,449)	\$ 14,293 — (50,818)	\$ 63,120 39,092 (237,968)	\$ 77,365 2,447 (17,332)	\$ 64,841 3,197 (10,241)
Net increase/(decrease) in net assets	\$43,848	\$ 46,654	\$(36,525)	\$(135,756)	\$ 62,480	\$ 57,797
Administrative Class Net proceeds from sale of shares Reinvested distributions Cost of shares reacquired.	N/A N/A N/A	N/A N/A N/A	\$ 11 (36)	\$ 24 36 (347)	\$ — 11 —	\$ 36 31 —
Net increase/(decrease) in net assets	N/A	N/A	\$ (25)	\$ (287)	\$ 11	\$ 67
Investor Class Net proceeds from sale of shares	\$ 9,599 62 (1,024)	\$ 2,615 12 (236)	\$ 396 (655)	\$ 582 983 (2,019)	\$ 3,822 29 (337)	\$ 570 121 (1,166)
Net increase/(decrease) in net assets	\$ 8,637	\$ 2,391	\$ (259)	\$ (454)	\$ 3,514	\$ (475)

Harbor Large Cap Value Fund November 1 November 1		Harbor Mid Cap Fund		Harbo Cap Val	or Mid lue Fund	Harbo Cap Gro	r Small wth Fund	Harbor Small Cap Value Fund		
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022									
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		
\$ 75,671 44,632 (269,378)	\$ 348,261 35,373 (291,879)	\$ 2,439 2,210 (5,658)	\$ 45,026 798 (12,252)	\$ 1,776 2,844 (29,685)	\$ 6,964 756 (18,313)	\$ 48,560 13,969 (20,584)	\$ 60,506 81,741 (51,731)	\$ 94,384 25,422 (71,287)	\$ 175,100 21,850 (123,005)	
\$ (149,075)	\$ 91,755	\$(1,009)	\$ 33,572	\$(25,065)	\$ (10,593)	\$ 41,945	\$ 90,516	\$ 48,519	\$ 73,945	
\$ 44,091 29,109 (143,462)	\$ 178,362 31,988 (342,873)	\$ 2,354 657 (1,010)	\$ 9,725 507 (8,807)	\$ 22,783 17,471 (40,591)	\$ 57,830 4,303 (160,855)	\$ 97,694 24,279 (67,193)	\$ 221,233 140,465 (173,419)	\$ 166,895 88,682 (196,540)	\$ 288,779 99,186 (671,440)	
_	_	_	_	_	_	_	_	_	_	
\$ (70,262)	\$(132,523)	\$ 2,001	\$ 1,425	\$ (337)	\$ (98,722)	\$ 54,780	\$ 188,279	\$ 59,037	\$(283,475)	
\$ 37 144 (391) \$ (210)	\$ 95 125 (315) \$ (95)	N/A N/A N/A	N/A N/A N/A N/A	\$ 438 142 (467) \$ 113	\$ 652 23 (1,080) \$ (405)	\$ 12 33 (75) \$ (30)	\$ 91 230 (189) \$ 132	\$ 420 511 (1,338) \$ (407)	\$ 1,029 557 (2,834) \$ (1,248)	
\$ 1,386 1,083 (3,049) \$ (580)	\$ 7,760 931 (7,948) \$ 743	\$ 54 25 (71) \$ 8	\$ 242 17 (231) \$ 28	\$ 1,934 1,961 (3,564) \$ 331	\$ 5,569 293 (8,121) \$ (2,259)	\$ 1,200 395 (634) \$ 961	\$ 2,086 2,183 (1,587) \$ 2,682	\$ 1,428 2,316 (5,088) \$ (1,344)	\$ 4,759 3,282 (26,526) \$ (18,485)	

STATEMENTS OF CHANGES IN NET ASSETS—CAPITAL STOCK ACTIVITY—Continued

	Harbor Capital Appreciation Fund			onvertible ies Fund	Harbor Core Bond Fund	
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022
	(Unaudited)		(Unaudited)		(Unaudited)	
SHARES						
Retirement Class						
Shares sold	9,798	24,726	982	30	3,591	2,385
distributions		16,588	29	445	129	84
Shares reacquired	(17,391)	(24,703)	(3,415)	(56)	(483)	(1,132)
Shares reacquired through in-kind redemptions .		(1,382)	_	_		_
Net increase/(decrease) in shares outstanding	(7,593)	15,229	(2,404)	419	3,237	1,337
Institutional Class						
Shares sold	13,293	33,349	422	3,995	493	501
distributions	_	42,475	57	1,729	74	171
Shares reacquired	(27,972)	(73,341)	(10,617)	(4,626)	(219)	(7,405)
Shares reacquired through in-kind redemptions .	(2,168)	(30,336)			_	
Net increase/(decrease) in shares outstanding	(16,847)	(27,853)	(10,138)	1,098	348	(6,733)
Administrative Class						
Shares sold	223	633	737	_	N/A	N/A
distributions	_	643	_	1	N/A	N/A
Shares reacquired	(348)	(1,779)	(737)	_	N/A	N/A
Net increase/(decrease) in shares outstanding	(125)	(503)	_	1	N/A	N/A
Investor Class						
Shares sold	665	1,763	132	34	N/A	N/A
distributions		2,705	1	31	N/A	N/A
Shares reacquired	(2,029)	(4,883)	(174)	(61)	N/A	N/A
Net increase/(decrease) in shares outstanding	(1,364)	(415)	(41)	4	N/A	N/A

	r Core Fund	Harbor D Innovati	isruptive on Fund	Interna	iversified ational p Fund		Global rs Fund	Intern	rbor ational ınd
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022								
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)	
305	2,119	582	1,653	5,979	10,154	15	59	1,922	2,586
28 (310)	350 (15,525)	<u> </u>	3,230 (5,607)	849 (4,933)	4,733 (20,840)	53 (83)	60 (58)	434 (1,529)	402 (8,148)
23	(13,056)	(1,473)	(724)	1,895	(5,953)	(15)	61	827	(5,160)
9,297	8,400	811	6,128	2,039	5,624	53	222	2,158	28,770
2,042 (8,927)	3,725 (31,555)	(6,599)	7,775 (12,431)	309 (1,838)	1,573 (5,799)	135 (266)	227 (963)	1,971 (7,064)	1,406 (34,392)
2,412	(19,430)	(5,788)	1,472	510	1,398	(78)	(514)	(2,935)	(4,216)
22	140	18	98	87	108	1	5	8	30
23 (165)	48 (471)	<u> </u>	375 (213)	9 (71)	52 (65)	3 (1)	5 (14)	8 (39)	6 (66)
(120)	(283)	(154)	260	25	95	3	(4)	(23)	(30)
N/A	N/A	224	1,688	64	172	8	20	174	370
N/A	N/A	_	4,405	9	54	40	. 74	200	139
N/A N/A	N/A N/A	(654) (430)	(5,652) 441	(84) (11)	(99) 127	(56) (8)	(285) (191)	(828) (454)	(1,378) (869)
IV/A	IN/A	(430)	441	(11)	121	(0)	(131)	(434)	(609)

STATEMENTS OF CHANGES IN NET ASSETS—CAPITAL STOCK ACTIVITY—Continued

	Intern	rbor ational Fund	Intern	rbor ational th Fund		ernational ap Fund
	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022	November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022
	(Unaudited)		(Unaudited)		(Unaudited)	
SHARES						
Retirement Class Shares sold	84	919	84	474	2,895	2,025
distributions	53 (132) —	157 (358) —	(748) —	488 (1,584) —	77 (504) —	50 (256) —
Net increase/(decrease) in shares outstanding	5	718	(664)	(622)	2,468	1,819
Institutional Class Shares sold	4,369 164 (487)	5,060 246 (968)	948 — (3,467)	3,777 1,931 (14,928)	5,531 182 (1,227)	4,917 220 (747)
Net increase/(decrease) in shares outstanding.	4,046	4,338	(2,519)	(9,220)	4,486	4,390
Administrative Class Shares sold	N/A	N/A	1	2	_	3
distributions	N/A N/A	N/A N/A	(3)	2 (20)	<u>1</u>	2 —
Net increase/(decrease) in shares outstanding	N/A	N/A	(2)	(16)	1	5
Investor Class Shares sold	874	249	26	35	269	42
distributions	6 (95)	1 (22)	<u> </u>	48 (128)	2 (23)	8 (80)
Net increase/(decrease) in shares outstanding	785	228	(18)	(45)	248	(30)

Large C	rbor ap Value ınd	Harbo Cap	or Mid Fund	Harbo Cap Val			r Small wth Fund		r Small ue Fund
November 1, 2022 through April 30, 2023	November 1, 2021 through October 31, 2022								
(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)	
3,906	16,962	191	3,697	74	282	4,097	4,693	2,491	4,452
2,408	1,628	187	56	129	31	1,297	5,657	724	548
(13,819)	(13,983)	(448)	(921)	(1,251)	(740) —	(1,770)	(3,906)	(1,864) N/A	(3,074) N/A
(7,505)	4,607	(70)	2,832	(1,048)	(427)	3,624	6,444	1,351	1,926
	0.445	404	705	207	0.005	0.504	47.404	4.000	7.005
2,280	8,415	191	705	967	2,335	8,584	17,184	4,369	7,235
1,569	1,474	55	36	792	178	2,273	9,796	2,524	2,486
(7,302)	(16,559) —	(79) —	(678)	(1,760)	(6,634)	(5,840)	(12,362)	(5,173)	(16,748) —
(3,453)	(6,670)	167	63	(1)	(4,121)	5,017	14,618	1,720	(7,027)
2	4	N/A	N/A	19	26	1	8	11	26
7	6	N/A	N/A	7	1	4	19	15	14
(20)	(14)	N/A	N/A	(20)	(43)	(8)	(17)	(35)	(73)
(11)	(4)	N/A	N/A	6	(16)	(3)	10	(9)	(33)
71	368	5	17	83	228	138	201	38	122
58	42	2	1	89	12	48	193	68	85
(154)	(376)	(6)	(17)	(153)	(341)	(72)	(149)	(137)	(666)
(25)	34	1	1	19	(101)	114	245	(31)	(459)

HARBOR CAPITAL APPRECIATION FUND								
			Retireme	ent Class				
	6-Month Period Ended							
	April 30, 2023	2022	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 66.82	\$ 124.89	\$ 99.19	\$ 75.79	\$ 73.98	\$ 75.34		
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.07	(0.06)	(0.27)	(0.08)	0.13	0.23		
Net realized and unrealized gain/(loss) on investments	8.43	(39.22)	38.73	30.27	8.54	6.50		
Total from investment operations	8.50	(39.28)	38.46	30.19	8.67	6.73		
Less Distributions								
Dividends from net investment income	_	_		(0.12)	(0.21)	(0.17)		
Distributions from net realized capital gains		(18.79)	(12.76)	(6.67)	(6.65)	(7.92)		
Total distributions	_	(18.79)	(12.76)	(6.79)	(6.86)	(8.09)		
Net asset value end of period	75.32	66.82	124.89	99.19	75.79	73.98		
Net assets end of period (000s)	\$7,441,421	\$7,108,919	\$11,385,191	\$9,549,061	\$6,970,617	\$5,393,675		
Ratios and Supplemental Data (%)								
Total return ^b	12.72% ^c	(36.03)%		42.79%	13.73%	9.50%		
Ratio of total expenses to average net assets [^]	0.64 ^d	0.64	0.63	0.64	0.63	0.62		
Ratio of net expenses to average net assets ^a	0.60 ^d	0.58	0.57	0.58	0.58	0.57		
Ratio of net investment income/(loss) to average net assets ^a	0.19 ^d	(0.07)	(0.25)	(0.09)	0.18	0.30		
Portfolio turnover	15°	34	48	51	40	40		

	Administrative Class										
	6-Month Period Ended				Yea	r End	led Octobe	r 31,			
	April 30, 2023		2022		2021		2020 201		2019	119 20	
	(Unaudited)										
Net asset value beginning of period	\$ 64.08	\$	120.94	\$	96.68	\$	74.15	\$	72.54	\$	74.08
Income from Investment Operations Net investment income/(loss) ^{a,e}	(0.04)		(0.33)		(0.61)		(0.34)		(0.09)		(0.01)
Net realized and unrealized gain/(loss) on investments	8.07		(37.74)		37.63		29.54		8.35		6.39
Total from investment operations	8.03		(38.07)		37.02		29.20		8.26		6.38
Less Distributions Dividends from net investment income Distributions from net realized capital gains	_		— (18.79)		— (12.76)		— (6.67)		— (6.65)		— (7.92)
Total distributions.			(18.79)		(12.76)		(6.67)		(6.65)		(7.92)
Net asset value end of period	72.11 \$ 201,939		64.08 87,390	\$	120.94 414,600	\$	96.68 420,324	\$	74.15 345,550	\$	72.54 448,241
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	12.53% ^c 0.97 ^d 0.93 ^d (0.14) ^d 15 ^c		(36.23)% 0.97 0.91 (0.41) 34		40.86% 0.96 0.90 (0.57) 48		42.32% 0.97 0.91 (0.41) 51		13.35% 0.96 0.91 (0.13) 40		9.16% 0.95 0.90 (0.01) 40

				1 20 0	1.0							
				Instituti	onal C	lass						
	Month od Ended		Year Ended October 31,									
	l 30, 2023	2022		2021		2020		2019		2018		
(Un	audited)											
\$	66.69	\$ 124.78	\$	99.18	\$	75.78	\$	73.97	\$	75.32		
	0.04	(0.13)		(0.36)		(0.14)		0.08		0.18		
	8.42	(39.17)		38.72		30.26		8.53		6.50		
	8.46	(39.30)		38.36		30.12		8.61		6.68		
	_	_		_		(0.05)		(0.15)		(0.11)		
	_	(18.79)		(12.76)		(6.67)		(6.65)		(7.92)		
	_	(18.79)		(12.76)		(6.72)		(6.80)		(8.03)		
	75.15	66.69		124.78		99.18		75.78		73.97		
\$14	,047,453	\$13,590,549	\$28	3,902,862	\$25	,579,181	\$21	,311,587	\$22	,366,214		
	12.69% ^c	(36.08)%		41.22%		42.68%		13.63%		9.44%		
	0.72 ^d	0.72	,	0.71		0.72		0.71		0.70		
	0.68 ^d	0.66		0.65		0.66		0.66		0.65		
	0.11 ^d	(0.16)		(0.33)		(0.16)		0.11		0.23		
	15°	34		48		51		40		40		

	i-Month iod Ended				Yea	r Ende	ed October :	31,			
	ril 30, 2023		2022	2021		2020		2019		2018	
(Uı	naudited)										
\$	61.68	\$	117.30	\$	94.19	\$	72.48	\$	71.15	\$	72.88
	(80.0)		(0.40)		(0.72)		(0.43)		(0.17)		(0.10)
	7.78		(36.43)		36.59		28.81		8.15		6.29
	7.70	7.70 (36.83)			35.87		28.38	38 7.98		6.	
	_		(18.79)		(12.76)		(6.67)		(6.65)		(7.92)
	_		(18.79)		(12.76)		(6.67)		(6.65)		(7.92)
	69.38		61.68		117.30		94.19		72.48		71.15
\$	802,052	\$	797,250	\$ 1	,564,732	\$ 1	,282,355	\$ 1	,083,896	\$ 1	,327,790
	12.48% ^c 1.08 ^d 1.04 ^d (0.24) ^d 15 ^c		(36.31)% 1.08 1.02 (0.52) 34		40.71% 1.08 1.01 (0.69) 48		42.15% 1.09 1.03 (0.53) 51		13.21% 1.08 1.03 (0.25) 40		9.03% 1.07 1.02 (0.13) 40

HARBOR CONVERTIBLE SECURITIES FUND						
			Retiremen	t Class		
	6-Month Period Ended		Year Ended October 31,			
	April 30, 2023 ^m	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 9.82	\$ 13.69	\$ 12.49	\$ 10.82	\$ 10.47	\$ 11.27
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.08 (0.02)	0.04 (2.22)	0.02 2.43	0.07 2.02	0.10 0.92	0.10 0.19
Total from investment operations	0.06	(2.18)	2.45	2.09	1.02	0.29
Less Distributions Dividends from net investment income Distributions from net realized capital gains	(0.13)	(0.08) (1.61)	(0.09) (1.16)	(0.09) (0.33)	(0.18) (0.49)	(0.09) (1.00)
Total distributions	(0.13) N/A	(1.69) N/A	(1.25) —*	(0.42)	(0.67)	(1.09)
Net asset value end of period	9.75 \$10,029	9.82 \$33,711	13.69 \$41,250	12.49 \$34,307	10.82 \$24,697	10.47 \$25,412
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	0.63%° 0.85 ^d 0.72 ^d 1.69 ^d 80°	(17.59)% 0.74 0.68 0.35 66	20.23% 0.73 0.67 0.15 50	19.93% 0.74 0.69 0.60 101	10.48% 0.74 0.69 0.98 74	2.80% 0.74 0.69 0.95 94

			Administrati	ive Class		
	6-Month Period Ended		Year	r Ended Octob	er 31,	
	April 30, 2023 ^m	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 9.78	\$ 13.63	\$ 12.46	\$ 10.80	\$ 10.44	\$ 11.26
Income from Investment Operations		_				
Net investment income/(loss) ^{a,e}	0.12	*	(0.02)	0.03	0.07	0.07
Net realized and unrealized gain/(loss) on investments	(0.27)	(2.20)	2.42	2.01	0.91	0.17
Total from investment operations.	(0.15)	(2.20)	2.40	2.04	0.98	0.24
Less Distributions						
Dividends from net investment income	(0.05)	(0.04)	(0.07)	(0.05)	(0.13)	(0.06)
Distributions from net realized capital gains	_	(1.61)	(1.16)	(0.33)	(0.49)	(1.00)
Total distributions	(0.05)	(1.65)	(1.23)	(0.38)	(0.62)	(1.06)
Proceeds from redemption fees	N/A	N/A	_*	_*	_*	*
Net asset value end of period	9.58	9.78	13.63	12.46	10.80	10.44
Net assets end of period (000s)	\$ 68	\$ 70	\$ 85	\$ 70	\$ 59	\$ 53
Ratios and Supplemental Data (%)						
Total return ⁶	(1.50)% ^c	(17.84)%	19.87%	19.48%	10.11%	2.27%
Ratio of total expenses to average net assets [^]	1.08 ^d	1.07	1.06	1.07	1.07	1.07
Ratio of net expenses to average net assets ^a	0.97 ^d	1.01	1.00	1.02	1.02	1.01
Ratio of net investment income/(loss) to average net assets ^a	2.49 ^d	0.02	(0.18)	0.29	0.64	0.63
Portfolio turnover	80°	66	50	101	74	94

		Institution	al Class								
6-Month Period Ended		Year Ended October 31,									
April 30, 2023 ^m	2022	2021	2020	2019	2018						
(Unaudited)											
\$ 9.82	\$ 13.68	\$ 12.48	\$ 10.83	\$ 10.48	\$ 11.27						
0.08	0.03	0.01	0.06	0.09	0.09						
(0.02)	(2.21)	2.43	2.00	0.92	0.20						
0.06	(2.18)	2.44	2.06	1.01	0.29						
(0.13)	(0.07)	(0.08)	(0.08)	(0.17)	(0.08)						
	(1.61)	(1.16)	(0.33)	(0.49)	(1.00)						
(0.13)	(1.68)	(1.24)	(0.41)	(0.66)	(1.08)						
N/A	N/A	*	*	*	*						
9.75	9.82	13.68	12.48	10.83	10.48						
\$27,126	\$126,865	\$161,772	\$117,269	\$114,130	\$93,424						
0.57% ^c	(17.62)%	20.18%	19.63%	10.39%	2.82%						
0.93 ^d	0.82	0.81	0.82	0.82	0.82						
0.80 ^d	0.76	0.75	0.77	0.77	0.76						
1.66 ^d	0.27	0.06	0.55	0.89	0.88						
80°	66	50	101	74	94						

	_	
Investor	•	000

6-Month Period Ended		Year Ended October 31,							
April 30, 2023 ^m	2022	2021	2020	2019	2018				
(Unaudited)									
\$ 9.77	\$ 13.62	\$ 12.46	\$ 10.80	\$ 10.45	\$ 11.25				
0.09	(0.01)	(0.04)	0.02	0.05	0.05				
(0.06)	(2.20)	2.43	2.00	0.92	0.19				
0.03	(2.21)	2.39	2.02	0.97	0.24				
(0.10)	(0.03)	(0.07)	(0.03)	(0.13)	(0.04)				
	(1.61)	(1.16)	(0.33)	(0.49)	(1.00)				
(0.10) N/A	(1.64) N/A	(1.23) —*	(0.36) —*	(0.62) —*	(1.04) —*				
9.70	9.77	13.62	12.46	10.80	10.45				
\$ 1,667	\$ 2,076	\$ 2,853	\$ 2,420	\$ 2,066	\$ 1,861				
0.32% ^c 1.26 ^d 1.14 ^d	(17.92)% 1.18 1.12	19.76% 1.17 1.11	19.33% 1.19 1.14	9.99% 1.19 1.14	2.35% 1.19 1.13				
1.92 ^d 80°	(0.10) 66	(0.29) 50	0.17 101	0.52 74	0.51 94				

HARBOR CORE BOND FUND						
	Retirement Class					
	6-Month Period Ended		Year	Ended Octobe	er 31,	
	April 30, 2023	2022	2021	2020	2019	2018 ^h
	(Unaudited)					
Net asset value beginning of period	\$ 8.64	\$ 10.61	\$ 11.06	\$ 10.64	\$ 9.84	\$10.00
Income from Investment Operations						
Net investment income/(loss) ^{a,e}	0.17	0.22	0.19	0.26	0.31	0.12
Net realized and unrealized gain/(loss) on investments	0.45	(1.90)	(0.19)	0.50	0.79	(0.19)
Total from investment operations	0.62	(1.68)	_	0.76	1.10	(0.07)
Less Distributions						
Dividends from net investment income	(0.20)	(0.29)	(0.23)	(0.27)	(0.30)	(0.09)
Distributions from net realized capital gains	_	_	(0.22)	(0.07)	_	
Total distributions	(0.20)	(0.29)	(0.45)	(0.34)	(0.30)	(0.09)
Net asset value end of period	9.06	8.64	10.61	11.06	10.64	9.84
Net assets end of period (000s)	\$72,695	\$41,312	\$36,557	\$29,428	\$5,298	\$3,061
Ratios and Supplemental Data (%)						
Total return ^b	7.16% ^c	(16.14)%	(0.01)%	7.36%	11.34%	(0.73)% ^c
Ratio of total expenses to average net assets^	0.34 ^d	0.37	0.43	0.43	0.45	0.77 ^d
Ratio of net expenses to average net assets ^a	0.26 ^d	0.27	0.37	0.37	0.37	0.37 ^d
Ratio of net investment income/(loss) to average net assets ^a	3.73 ^d	2.28	1.77	2.35	2.98	2.98 ^d
Portfolio turnover	52 ^c	60	47	70	61	97°

	Institutional Class										
6-Month Period Ended		Year	Ended October	31,							
April 30, 2023	2022	2021	2020	2019	2018						
(Unaudited)											
\$ 8.64	\$ 10.61	\$ 11.06	\$ 10.64	\$ 9.84	\$ 10.00						
0.16	0.20	0.18	0.26	0.30	0.12						
0.45	(1.89)	(0.19)	0.50	0.79	(0.19)						
0.61	(1.69)	(0.01)	0.76	1.09	(0.07)						
(0.19)	(0.28)	(0.22) (0.22)	(0.27) (0.07)	(0.29)	(0.09)						
(0.19)	(0.28)	(0.22)	(0.34)	(0.29)	(0.09)						
9.06 \$32,586	8.64 \$28,065	10.61 \$105,931	11.06 \$86,173	10.64 \$79,458	9.84 \$52,249						
7.12% ^c	(16.21)%	(0.09)%	7.28%	11.26%	(0.75)%						
0.42 ^d	0.45	0.51	0.51	0.53	0.85						
0.34 ^d	0.36	0.45	0.45	0.45	0.45						
3.62 ^d	2.03	1.70	2.35	2.89	2.86						
52 °	60	47	70	61	97						

HARBOR CORE PLUS FUND								
		Retirement Class						
	6-Month Period Ended		Yea	r Ended Octobe	er 31,			
	April 30, 2023	April 30, 2023 2022 ¹ 2021 2020 2019		2019	2018 ^h			
	(Unaudited)							
Net asset value beginning of period	\$ 9.78	\$ 12.06	\$ 12.35	\$ 11.90	\$ 11.09	\$ 11.28		
Income from Investment Operations								
Net investment income/(loss) ^{a,e}	0.19	0.32	0.32	0.31	0.38	0.16		
Net realized and unrealized gain/(loss) on investments	0.55	(2.18)	(0.21)	0.49	0.80	(0.16)		
Total from investment operations.	0.74	(1.86)	0.11	0.80	1.18	*		
Less Distributions								
Dividends from net investment income	(0.23)	(0.40)	(0.27)	(0.35)	(0.37)	(0.19)		
Distributions from net realized capital gains	_	(0.02)	(0.13)	_	_			
Total distributions.	(0.23)	(0.42)	(0.40)	(0.35)	(0.37)	(0.19)		
Net asset value end of period	10.29	9.78	12.06	12.35	11.90	11.09		
Net assets end of period (000s)	\$13,270	\$12,389	\$172,699	\$166,740	\$12,802	\$ 6,921		
Ratios and Supplemental Data (%)								
Total return ^b	7.64% ^c	(15.78)%	0.88%	6.82%	10.84%	0.01%°		
Ratio of total expenses to average net assets^	0.31 ^d	0.42	0.53	0.58	1.06	1.16 ^d		
Ratio of net expenses to average net assets ^a	0.30 ^d	0.36	0.43	0.48	0.96	1.06 ^d		
Ratio of net expenses excluding interest expense to average net assets ^a	0.30 ^d	0.36	0.43	0.43	0.43	0.43 ^d		
Ratio of net investment income/(loss) to average net assets ^a	3.78 ^d	2.83	2.63	2.56	3.30	3.44 ^d		
Portfolio turnover	19 ^c	219	370	558	644	674°		

	Administrative Class							
	6-Month Period Ended	Voar Finder (1ctoner 3)						
	April 30, 2023	2022 ^I	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 9.78	\$ 12.08	\$ 12.37	\$ 11.92	\$ 11.11	\$ 11.69		
Income from Investment Operations								
Net investment income/(loss) ^{a,e}	0.17	0.29	0.28	0.28	0.35	0.31		
Net realized and unrealized gain/(loss) on investments	0.56	(2.21)	(0.21)	0.48	0.79	(0.53)		
Total from investment operations	0.73	(1.92)	0.07	0.76	1.14	(0.22)		
Less Distributions								
Dividends from net investment income	(0.22)	(0.36)	(0.23)	(0.31)	(0.33)	(0.36)		
Distributions from net realized capital gains	_	(0.02)	(0.13)		_	_		
Total distributions	(0.22)	(0.38)	(0.36)	(0.31)	(0.33)	(0.36)		
Net asset value end of period	10.29	9.78	12.08	12.37	11.92	11.11		
Net assets end of period (000s)	\$10,567	\$11,223	\$ 17,270	\$ 18,302	\$19,498	\$31,111		
Ratios and Supplemental Data (%)								
Total return ^b	7.46% ^c	(16.20)%	0.54%	6.44%	10.44%	(1.88)%		
Ratio of total expenses to average net assets^	0.64 ^d	0.71	0.86	0.97	1.39	1.16		
Ratio of net expenses to average net assets ^a	0.63 ^d	0.67	0.76	0.87	1.29	1.06		
Ratio of net expenses excluding interest expense to average net assets ^a	0.63 ^d	0.67	0.76	0.76	0.76	0.76		
Ratio of net investment income/(loss) to average net assets ^a	3.45 ^d	2.64	2.29	2.32	3.01	2.69		
Portfolio turnover	19°	219	370	558	644	674		

					Instituti	onal C	lass					
6-l Perio	Month od Ended				Yea	ar End	ed October	31,				
April	30, 2023		2022 ¹		2021		2020		2019		2018	
(Unaudited)												
\$	9.77	\$	12.07	\$	12.36	\$	11.91	\$	11.10	\$	11.68	
	0.19		0.32		0.31		0.31		0.37		0.33	
	0.55		(2.21)		(0.21)		0.48		0.80		(0.52)	
	0.74		(1.89)		0.10		0.79		1.17		(0.19)	
	(0.23)		(0.39) (0.02)		(0.26) (0.13)		(0.34)		(0.36)		(0.39)	
	(0.23)		(0.41)		(0.39)		(0.34)		(0.36)		(0.39)	
•	10.28	•	9.77		12.07	•	12.36	•	11.91	•	11.10	
\$9	97,110	\$9	24,416	\$1,	376,349	\$1,	844,961	\$1,	958,600	\$1,	899,680	
	7.60% ^c 0.39 ^d		(15.99)% 0.46		0.79% 0.61		6.72% 0.73		10.74% 1.14		(1.63)% 0.90	
	0.38 ^d		0.42 0.42		0.51 0.51		0.62 0.51		1.04 0.51		0.80 0.51	
	3.70 ^d 19 ^c		2.88 219		2.52 370		2.58 558		3.23 644		2.93 674	

HARBOR DISRUPTIVE INNOVATION FUND								
		Retirement Class						
	6-Month Period Ended		Yea	r Ended Octol	per 31,			
	April 30, 2023	2022	2021 ^g	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 4.37	\$ 14.40	\$ 12.93	\$ 10.91	\$ 10.88	\$ 11.25		
Income from Investment Operations Net investment income/(loss) ^{a,e}	(0.01)	(0.01)	(0.08)	(0.06)	(0.04)	(0.03)		
Net realized and unrealized gain/(loss) on investments	0.29	(4.60)	3.48	4.25	1.85	0.88		
Total from investment operations	0.28	(4.61)	3.40	4.19	1.81	0.85		
Less Distributions Dividends from net investment income	_	_	_	_	_	_		
Distributions from net realized capital gains	_	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)		
Total distributions	_	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)		
Net asset value end of period	4.65	4.37	14.40	12.93	10.91	10.88		
Net assets end of period (000s)	\$10,550	\$16,353	\$64,310	\$64,242	\$31,265	\$144,137		
Ratios and Supplemental Data (%)								
Total return ^b	6.41% ^c	(46.85)%	27.41%	46.03%	21.38%	8.02%		
Ratio of total expenses to average net assets ^A	0.86 ^d	0.83	0.85	0.83	0.82	0.80		
Ratio of net expenses to average net assets ^a	0.75 ^d	0.52	0.74	0.79	0.81	0.80		
Ratio of net investment income/(loss) to average net assets ^a	(0.35) ^d 35°	(0.15) 75	(0.56) 182	(0.53) 113	(0.37) 70	(0.28) 85		
Portfolio turnover	35°	75	182	113	70	85		

			Administra	tive Class	Administrative Class							
	6-Month		Yea	r Ended Octol	per 31,							
	Period Ended April 30, 2023 2022 2021 ^g 2020 20 20 20 20 20 20	2019	2018									
	(Unaudited)											
Net asset value beginning of period	\$ 3.66	\$ 13.08	\$ 11.93	\$ 10.26	\$ 10.37	\$ 10.81						
Income from Investment Operations												
Net investment income/(loss) ^{a,e}	(0.01)	(0.03)	(0.11)	(80.0)	(0.06)	(0.06)						
Net realized and unrealized gain/(loss) on investments	0.23	(3.97)	3.19	3.92	1.73	0.84						
Total from investment operations	0.22	(4.00)	3.08	3.84	1.67	0.78						
Less Distributions												
Dividends from net investment income	_	_	_	_	_	_						
Distributions from net realized capital gains	_	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)						
Total distributions	_	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)						
Net asset value end of period	3.88	3.66	13.08	11.93	10.26	10.37						
Net assets end of period (000s)	\$ 2,050	\$ 2,492	\$ 5,518	\$ 3,666	\$ 2,687	\$ 26,936						
Ratios and Supplemental Data (%)												
Total return ^b	6.01% ^c	(46.96)%	26.98%	45.42%	21.04%	7.68%						
Ratio of total expenses to average net assets [^]	1.19 ^d	1.16	1.17	1.16	1.15	1.13						
Ratio of net expenses to average net assets ^a	1.08 ^d	0.86	1.06	1.12	1.14	1.12						
Ratio of net investment income/(loss) to average net assets ^a	(0.69) ^d	(0.48)	(88.0)	(0.84)	(0.66)	(0.55)						
Portfolio turnover	35°	75	182	113	70	85						

		Institution	nal Class							
6-Month Period Ended		Year Ended October 31,								
April 30, 2023	2022	2021 ^g	2020	2019	2018					
(Unaudited)										
\$ 4.32	\$ 14.31	\$ 12.87	\$ 10.88	\$ 10.86	\$ 11.24					
(0.01)	(0.01)	(0.09)	(0.06)	(0.05)	(0.04)					
0.28	(4.56)	3.46	4.22	1.85	0.88					
0.27	(4.57)	3.37	4.16	1.80	0.84					
_										
_	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)					
	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)					
4.59	4.32	14.31	12.87	10.88	10.86					
\$51,011	\$72,988	\$220,842	\$236,863	\$198,544	\$158,680					
6.25% ^c	(46.87)%	27.29%	45.84%	21.32%	7.94%					
0.94 ^d	0.91	0.93	0.91	0.90	0.88					
0.83 ^d	0.61	0.82	0.87	0.89	0.87					
(0.44) ^d	(0.24)	(0.64)	(0.58)	(0.48)	(0.36)					
35°	75	182	113	70	85					

6-Month Period Ended		Year Ended October 31,							
April 30, 2023	2022	2022 2021 ^g		2019	2018				
(Unaudited)									
\$ 3.27	\$ 12.36	\$ 11.37	\$ 9.88	\$ 10.07	\$ 10.54				
(0.01)	(0.03)	(0.12)	(0.09)	(0.08)	(80.0)				
0.21	(3.64)	3.04	3.75	1.67	0.83				
0.20	(3.67)	2.92	3.66	1.59	0.75				
_	_	_	_	_	_				
	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)				
	(5.42)	(1.93)	(2.17)	(1.78)	(1.22)				
3.47	3.27	12.36	11.37	9.88	10.07				
\$15,892	\$16,387	\$ 56,531	\$ 36,399	\$ 20,891	\$ 16,929				
6.12% ^c	(47.05)%	26.88%	45.32%	20.83%	7.57%				
1.30 ^d	1.27	1.29	1.28	1.27	1.25				
1.19 ^d	0.96	1.17	1.24	1.26	1.24				
(0.80) ^d	(0.59)	(0.99)	(0.96)	(0.85)	(0.72)				
35°	75	182	113	70	85				

HARBOR DIVERSIFIED INTERNATIONAL ALL CAP FUND								
		Retirement Class						
	6-Month Period Ended		Yea	r Ended Octobe	er 31,			
	April 30, 2023	2022	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 9.75	\$ 13.83	\$ 10.25	\$ 11.17	\$ 10.41	\$ 11.79		
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.10	0.23	0.21	0.14	0.26	0.21		
Net realized and unrealized gain/(loss) on investments	2.05	(3.36)	3.50	(0.81)	0.92	(1.19)		
Total from investment operations	2.15	(3.13)	3.71	(0.67)	1.18	(0.98)		
Less Distributions Dividends from net investment income. Distributions from net realized capital gains.	(0.16)	(0.23) (0.72)	(0.13)	(0.25)	(0.13) (0.29)	(0.12) (0.28)		
Total distributions	(0.16)	(0.95)	(0.13)	(0.25)	(0.42)	(0.40)		
Net asset value end of period	11.74 \$676,998	9.75 \$543,857	13.83 \$853,454	10.25 \$533,318	11.17 \$499,288	10.41 \$420,056		
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	22.27%° 0.84 ^d 0.72 ^d 1.85 ^d 7°	(24.03)% 0.84 0.72 1.98 24	36.32% 0.84 0.71 1.54 51	(6.25)% 0.85 0.70 1.32 25	11.99% 0.87 0.68 2.42 22	(8.55)% 0.90 0.74 1.87 42		

				A	\dministra	tive	Class			
		Month od Ended			Yea	r End	led Octobe	er 31	ı	
		30, 2023	2022		2021		2020		2019	2018
	(Una	audited)								
Net asset value beginning of period	\$	9.71	\$ 13.77	\$	10.22	\$	11.14	\$	10.39	\$ 11.76
Income from Investment Operations										
Net investment income/(loss) ^{a,e}		0.08	0.20		0.16		0.10		0.22	0.22
Net realized and unrealized gain/(loss) on investments		2.05	(3.35)		3.48		(0.80)		0.92	(1.22)
Total from investment operations		2.13	(3.15)		3.64		(0.70)		1.14	(1.00)
Less Distributions										
Dividends from net investment income		(0.13)	(0.19)		(0.09)		(0.22)		(0.10)	(0.09)
Distributions from net realized capital gains		_	(0.72)		_		_		(0.29)	(0.28)
Total distributions		(0.13)	(0.91)		(0.09)		(0.22)		(0.39)	(0.37)
Net asset value end of period		11.71	9.71		13.77		10.22		11.14	10.39
Net assets end of period (000s)	\$	9,243	\$ 7,419	\$	9,213	\$	6,446	\$	6,800	\$ 5,734
Ratios and Supplemental Data (%)										
Total return ^b		22.06 % ^c	(24.24)%		35.76%		(6.54)%		11.58%	(8.76)%
Ratio of total expenses to average net assets [^]		1.17 ^d	1.17		1.17		1.18		1.20	1.23
Ratio of net expenses to average net assets ^a		1.05 ^d	1.05		1.04		1.03		1.01	1.06
Ratio of net investment income/(loss) to average net assets ^a		1.50 ^d	1.73		1.17		0.99		2.06	1.96
Portfolio turnover		7°	24		51		25		22	42

			Institutio	nal Class		
6-Mor Period E			Yea	r Ended October	31,	
April 30,		2022	2021	2020	2019	2018
(Unaudi	ted)					
\$ 9.	75	\$ 13.82	\$ 10.25	\$ 11.17	\$ 10.41	\$ 11.79
0.	10	0.23	0.19	0.13	0.25	0.20
2.	05	(3.36)	3.50	(0.81)	0.92	(1.18)
2	15	(3.13)	3.69	(0.68)	1.17	(0.98)
(0.	16)	(0.22)	(0.12)	(0.24)	(0.12)	(0.12)
	_	(0.72)	_	_	(0.29)	(0.28)
(0.	16)	(0.94)	(0.12)	(0.24)	(0.41)	(0.40)
11.	74	9.75	13.82	10.25	11.17	10.41
\$304,8	53	\$248,130	\$332,503	\$247,212	\$257,860	\$238,470
22	27 %°	(24.04)%	36.12%	(6.33)%	11.90%	(8.62)%
	92 ^d	0.92	0.92	0.93	0.95	0.98
0.	80 ^d	0.80	0.79	0.78	0.76	0.82
1.	75 ^d	1.99	1.43	1.25	2.34	1.72
	7 °	24	51	25	22	42

	Month od Ended		Yea	r Ended October	31,	
	30, 2023	2022	2021	2020	2019	2018
(Una	audited)					
\$	9.66	\$ 13.70	\$ 10.17	\$ 11.08	\$ 10.33	\$ 11.71
	0.08	0.18	0.14	0.09	0.21	0.15
	2.04	(3.33)	3.47	(0.80)	0.91	(1.17)
	2.12	(3.15)	3.61	(0.71)	1.12	(1.02)
	(0.12)	(0.17) (0.72)	(0.08)	(0.20)	(0.08) (0.29)	(0.08) (0.28)
	(0.12)	(0.89)	(0.08)	(0.20)	(0.37)	(0.36)
\$	11.66 9,921	9.66 \$ 8,330	13.70 \$ 10,072	10.17 \$ 7,037	11.08 \$ 9,122	10.33 \$ 5,456
	22.02% ^c 1.28 ^d 1.16 ^d 1.40 ^d 7 ^c	(24.32)% 1.28 1.16 1.60 24	35.56% 1.29 1.15 1.07 51	(6.58)% 1.30 1.15 0.86 25	11.43% 1.32 1.13 1.99 22	(8.93)% 1.35 1.19 1.34 42

HARBOR GLOBAL LEADERS FUND								
		Retirement Class						
	6-Month Period Ended		Year Ended October 31,					
	April 30, 2023	2022	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 24.43	\$ 41.81	\$ 33.89	\$ 30.81	\$ 25.52	\$25.33		
Income from Investment Operations								
Net investment income/(loss) ^{a,e}	(0.02)	(0.04)	(0.09)	0.02	0.13	0.02		
Net realized and unrealized gain/(loss) on investments	2.51	(13.64)	10.84	4.89	5.76	2.40		
Total from investment operations.	2.49	(13.68)	10.75	4.91	5.89	2.42		
Less Distributions								
Dividends from net investment income	_	_		(0.09)		(0.03)		
Distributions from net realized capital gains	(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)		
Total distributions.	(1.95)	(3.70)	(2.83)	(1.83)	(0.60)	(2.23)		
Net asset value end of period	24.97	24.43	41.81	33.89	30.81	25.52		
Net assets end of period (000s)	\$15,684	\$15,702	\$24,324	\$17,703	\$12,245	\$6,846		
Ratios and Supplemental Data (%)								
Total return ^b	10.94% ^c	(35.22)%	33.12%	16.56%	23.72%	10.01%		
Ratio of total expenses to average net assets [^]	0.95 ^d	0.92	0.87	0.90	0.92	0.96		
Ratio of net expenses to average net assets ^a	0.78 ^d	0.78	0.78	0.78	0.80	0.82		
Ratio of net investment income/(loss) to average net assets ^a	(0.13) ^d	(0.14)	(0.24)	0.07	0.46	0.09		
Portfolio turnover	6°	29	27	55	47	20		

			Administrati	ve Class		
	6-Month Period Ended		Year	Ended Octobe	er 31,	
	April 30, 2023	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 23.58	\$ 40.63	\$ 33.10	\$ 30.15	\$ 25.06	\$24.97
Income from Investment Operations						
Net investment income/(loss) ^{a,e}	(0.05)	(0.14)	(0.22)	(80.0)	0.06	(0.05)
Net realized and unrealized gain/(loss) on investments	2.41	(13.21)	10.58	4.77	5.63	2.34
Total from investment operations.	2.36	(13.35)	10.36	4.69	5.69	2.29
Less Distributions						
Dividends from net investment income	_	_	_	_	_	_
Distributions from net realized capital gains	(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)
Total distributions.	(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)
Net asset value end of period	23.99	23.58	40.63	33.10	30.15	25.06
Net assets end of period (000s)	\$ 1,008	\$ 914	\$ 1,757	\$ 2,067	\$ 3,050	\$1,111
Ratios and Supplemental Data (%)						
Total return ^b	10.78% ^c	(35.45)%	32.71%	16.13%	23.35%	9.61%
Ratio of total expenses to average net assets^	1.28 ^d	1.25	1.20	1.23	1.25	1.29
Ratio of net expenses to average net assets ^a	1.11 ^d	1.11	1.11	1.11	1.13	1.15
Ratio of net investment income/(loss) to average net assets ^a	(0.46) ^d	(0.48)	(0.58)	(0.25)	0.22	(0.21)
Portfolio turnover	6°	29	27	55	47	20

		Institution	al Class		
6-Month Period Ended		Year	r Ended October	31,	
April 30, 2023	2022	2021	2020	2019	2018
(Unaudited)					
\$ 24.32	\$ 41.67	\$ 33.80	\$ 30.75	\$ 25.49	\$ 25.31
(0.03)	(80.0)	(0.13)	_*	0.11	0.01
2.49	(13.57)	10.83	4.86	5.75	2.38
2.46	(13.65)	10.70	4.86	5.86	2.39
_	_	_	(0.07)	_	(0.01)
(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)
(1.95)	(3.70)	(2.83)	(1.81)	(0.60)	(2.21)
24.83	24.32	41.67	33.80	30.75	25.49
\$39,099	\$40,193	\$90,307	\$78,120	\$72,429	\$33,574
10.87% ^c	(35.27)%	33.02%	16.46%	23.63%	9.90%
1.03 ^d	1.00	0.95	0.98	1.00	1.04
0.86 ^d	0.86	0.86	0.86	0.88	0.90
(0.21) ^d	(0.25)	(0.33)	0.01	0.37	0.03
6°	29	27	55	47	20

			0.000		
6-Month Period Ended		Year	r Ended October	31,	
April 30, 2023	2022	2021	2020	2019	2018
(Unaudited)					
\$ 23.09	\$ 39.90	\$ 32.59	\$ 29.74	\$ 24.76	\$ 24.72
(0.07)	(0.18)	(0.25)	(0.11)	(0.01)	(0.09)
2.36	(12.93)	10.39	4.70	5.59	2.33
2.29	(13.11)	10.14	4.59	5.58	2.24
_	_	_	_	_	_
(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)
(1.95)	(3.70)	(2.83)	(1.74)	(0.60)	(2.20)
23.43	23.09	39.90	32.59	29.74	24.76
\$10,702	\$10,744	\$26,160	\$20,865	\$18,748	\$12,416
10.70% ^c 1.39 ^d	(35.50)% 1.36	32.53% 1.31	16.01% 1.35	23.18% 1.37	9.50% 1.41
1.22 ^d (0.57) ^d	1.22 (0.61)	1.22 (0.69)	1.23 (0.35)	1.25 (0.03)	1.27 (0.35)
6 °	29	27	55	47	20

HARBOR INTERNATIONAL FUND						
			Retiren	nent Class		
	6-Month Period Ended		Ye	ear Ended Octo	ber 31,	
	April 30, 2023	2022	2021	2020	2019	2018 ^j
	(Unaudited)					
Net asset value beginning of period	\$ 35.91	\$ 48.47	\$ 36.52	\$ 39.00	\$ 58.31	\$ 69.91
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.48	1.09	0.72	0.91	0.91	1.21
Net realized and unrealized gain/(loss) on investments	8.47	(12.60)	11.73	(2.10)	1.62	(8.51)
Total from investment operations	8.95	(11.51)	12.45	(1.19)	2.53	(7.30)
Less Distributions Dividends from net investment income Distributions from net realized capital gains	(1.34)	(1.05)	(0.50)	(1.29)	(0.97) (20.87)	(1.30) (3.00)
Total distributions	(1.34)	(1.05)	(0.50)	(1.29)	(21.84)	(4.30)
Net asset value end of period	43.52 \$594,840	35.91 \$461,129	48.47 \$872,647	36.52 \$871,743	39.00 \$1,299,776	58.31 \$2,703,360
Ratios and Supplemental Data (%) Total return ^b . Ratio of total expenses to average net assets ^A . Ratio of net expenses to average net assets ^a . Ratio of net investment income/(loss) to average net assets ^a . Portfolio turnover.	25.42%° 0.81 ^d 0.69 ^d 2.35 ^d 7°	(24.19)% 0.81 0.69 2.57 14	34.23% 0.80 0.69 1.55 21	(3.35)% 1.61 ⁿ 0.69 ⁿ 2.52 ⁿ 12	10.29% 0.80 0.67 2.33 12	(11.24)% 0.74 0.64 1.80 64

			Administ	rative Class		
	6-Month Period Ended		Ye	ear Ended Octo	ber 31,	
	April 30, 2023	2022	2021	2020	2019	2018 ^j
	(Unaudited)					
Net asset value beginning of period	\$ 36.30	\$ 48.95	\$ 36.78	\$ 39.26	\$ 58.08	\$ 69.57
Income from Investment Operations						
Net investment income/(loss) ^{a,e}	0.41	1.02	0.57	0.47	0.76	0.88
Net realized and unrealized gain/(loss) on investments	8.58	(12.80)	11.84	(1.81)	1.70	(8.37)
Total from investment operations	8.99	(11.78)	12.41	(1.34)	2.46	(7.49)
Less Distributions						
Dividends from net investment income	(1.20)	(0.87)	(0.24)	(1.14)	(0.41)	(1.00)
Distributions from net realized capital gains	_	_	_	_	(20.87)	(3.00)
Total distributions	(1.20)	(0.87)	(0.24)	(1.14)	(21.28)	(4.00)
Net asset value end of period	44.09	36.29	48.95	36.78	39.26	58.08
Net assets end of period (000s)	\$ 11,604	\$ 10,375	\$ 15,464	\$ 15,825	\$ 70,981	\$ 90,009
Ratios and Supplemental Data (%)						
Total return ^b	25.21% ^c	(24.46)%	33.80%	(3.67)%	9.94%	(11.53)%
Ratio of total expenses to average net assets^	1.14 ^d	1.14	1.13	1.65 ⁿ	1.13	1.07
Ratio of net expenses to average net assets ^a	1.02 ^d	1.02	1.02	1.02 ⁿ	1.00	0.97
Ratio of net investment income/(loss) to average net assets ^a	2.00 ^d	2.40	1.22	1.25 ⁿ	1.94	1.30
Portfolio turnover	7°	14	21	12	12	64

					Institutio	nal C	lass				
	Month od Ended				Yea	r Ende	ed October	31,			
	l 30, 2023		2022		2021		2020		2019		2018 ^j
(Un	audited)										
\$	36.04	\$	48.64	\$	36.64	\$	39.12	\$	58.31	\$	69.90
	0.47		1.12		0.70		0.92		0.84		1.04
	8.50		(12.71)		11.76		(2.15)		1.67		(8.39)
	8.97		(11.59)		12.46		(1.23)		2.51		(7.35)
	(1.31)		(1.01)		(0.46)		(1.25)		(0.83)		(1.24)
	_								(20.87)		(3.00)
	(1.31)		(1.01)		(0.46)		(1.25)		(21.70)		(4.24)
	43.70		36.04		48.64		36.64		39.12		58.31
\$2,	658,846	\$2,	298,600	\$3,	307,683	\$2,	750,824	\$3,	814,616	\$8,	577,147
	25.35%°		(24.25)%		34.15%		(3.43)%		10.18%		(11.31)%
	0.89 ^d		0.89		0.89		1.76 ⁿ		0.88		0.82
	0.77 ^d		0.77		0.77		0.77 ⁿ		0.75		0.72
	2.28 ^d		2.68		1.50		2.52 ⁿ		2.11		1.53
	7°		14		21		12		12		64

	-Month iod Ended		Yea	r End	led October	31,		
	il 30, 2023	2022	2021		2020		2019	2018 ^j
(Uı	naudited)							
\$	35.63	\$ 48.08	\$ 36.22	\$	38.65	\$	57.66	\$ 69.14
	0.39	0.95	0.52		0.75		0.70	0.81
	8.41	(12.57)	11.64		(2.12)		1.65	(8.33)
	8.80	(11.62)	12.16		(1.37)		2.35	(7.52)
	(1.15) —	(0.83)	(0.30)		(1.06)		(0.49) (20.87)	(0.96) (3.00)
	(1.15)	(0.83)	(0.30)		(1.06)		(21.36)	(3.96)
\$	43.28 280,064	\$ 35.63 246,731	\$ 48.08 374,773	\$	36.22 323,686	\$	38.65 510,270	\$ 57.66 895,711
	25.12%° 1.25 ^d 1.13 ^d 1.91 ^d 7°	(24.53)% 1.25 1.13 2.28 14	33.66% 1.25 1.13 1.13 21		(3.79)% 2.10 ⁿ 1.14 ⁿ 2.06 ⁿ 12		9.80% 1.25 1.12 1.80	(11.65)% 1.19 1.09 1.21 64

		Re	tirement Clas	s	
	6-Month Period Ended		Yea	r Ended Octol	ber 31,
	April 30, 2023	2022	2021	2020	2019 ⁱ
	(Unaudited)				
Net asset value beginning of period	\$ 9.98	\$ 14.02	\$ 10.12	\$ 10.31	\$ 10.00
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.18	0.46	0.28	0.17	0.24
Net realized and unrealized gain/(loss) on investments	1.22	(3.14)	3.79	(0.09)	0.07
Total from investment operations	1.40	(2.68)	4.07	0.08	0.31
Less Distributions Dividends from net investment income	(0.27)	(0.36)	(0.17)	(0.27)	_
Distributions from net realized capital gains	_	(1.00)	_	_	_
Total distributions	(0.27)	(1.36)	(0.17)	(0.27)	_
Net asset value end of period	11.11	9.98	14.02	10.12	10.31
Net assets end of period (000s)	\$23,669	\$21,221	\$19,742	\$13,790	\$13,090
Ratios and Supplemental Data (%)					
Total return ⁶	14.21%°	(20.93)%	40.51%	0.64%	3.10%
Ratio of total expenses to average net assets [^]	1.02 ^d	1.16	1.19	1.35	1.79 ^d
Ratio of net expenses to average net assets ^a	0.77 ^d	0.77	0.77	0.77	0.77 ^d
Ratio of net investment income/(loss) to average net assets ^a	3.30 ^d	4.05	2.14	1.73	3.61 ^d
Portfolio turnover	49°	100	108	80	73°

	Investor Class					
	6-Month Period Ended April 30, 2023	Year Ended October 31,				
		2022	2021	2020	2019 ⁱ	
	(Unaudited)					
Net asset value beginning of period	\$ 9.92	\$ 13.96	\$ 10.08	\$ 10.28	\$ 10.00	
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.22	0.38	0.23	0.14	0.21	
Net realized and unrealized gain/(loss) on investments	1.14	(3.10)	3.78	(0.11)	0.07	
Total from investment operations	1.36	(2.72)	4.01	0.03	0.28	
Less Distributions Dividends from net investment income. Distributions from net realized capital gains.	(0.25)	(0.32) (1.00)	(0.13)	(0.23)	_ 	
Total distributions	(0.25)	(1.32)	(0.13)	(0.23)		
Net asset value end of period	11.03 \$ 11,248	9.92 \$ 2,331	13.96 \$ 101	10.08 \$ 35	10.28 \$ 31	
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	13.89% ^c 1.46 ^d 1.21 ^d 4.03 ^d 49 ^c	(21.29)% 1.60 1.21 3.67 100	39.98% 1.63 1.21 1.73 108	0.14% 1.80 1.22 1.41 80	2.80%° 2.24 ^d 1.22 ^d 3.17 ^d 73°	

Institutional Class							
6-Month Period Ended April 30, 2023	2022	2021	2020	2019 ⁱ			
(Unaudited)							
\$ 9.97	\$ 14.01	\$ 10.11	\$ 10.31	\$ 10.00			
0.19	0.43	0.29	0.17	0.24			
1.21	(3.12)	3.77	(0.11)	0.07			
1.40	(2.69)	4.06	0.06	0.31			
(0.27)	(0.35)	(0.16)	(0.26)	_			
(0.27)	(1.00)	(0.16)	(0.26)				
11.10	9.97	14.01	10.11	10.31			
\$119,335	\$66,908	\$33,230	\$13,226	\$13,131			
14.18% ^c	(21.00)%	40.46%	0.48%	3.10%			
1.10 ^d	1.24	1.27	1.43	1.87 ^d			
0.85 ^d 3.48 ^d	0.85 3.85	0.85 2.16	0.85 1.65	0.85 ^d 3.54 ^d			
49°	100	108	80	73°			

HARBOR INTERNATIONAL GROWTH FUND								
		Retirement Class						
	6-Month Period Ended April 30, 2023	Year Ended October 31,						
		2022	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 12.76	\$ 23.53	\$ 19.10	\$ 16.14	\$ 13.70	\$ 15.71		
Income from Investment Operations								
Net investment income/(loss) ^{a,e}	0.02	0.06	0.02	0.03	0.30	0.17		
Net realized and unrealized gain/(loss) on investments	2.97	(8.96)	4.56	3.25	2.25	(1.99)		
Total from investment operations	2.99	(8.90)	4.58	3.28	2.55	(1.82)		
Less Distributions								
Dividends from net investment income	_	(0.14)	(0.15)	(0.32)	(0.11)	(0.19)		
Distributions from net realized capital gains	_	(1.73)	_	_	_	_		
Total distributions	_	(1.87)	(0.15)	(0.32)	(0.11)	(0.19)		
Net asset value end of period	15.75	12.76	23.53	19.10	16.14	13.70		
Net assets end of period (000s)	\$78,503	\$72,107	\$147,545	\$163,202	\$143,276	\$93,815		
Ratios and Supplemental Data (%)								
Total return ^b	23.43% ^c	(40.76)%	24.00%	20.56%	18.81%	(11.74)%		
Ratio of total expenses to average net assets [^]	0.86 ^d	0.83	0.81	0.83	0.83	0.81		
Ratio of net expenses to average net assets ^a	0.77 ^d	0.77	0.77	0.77	0.77	0.77		
Ratio of net investment income/(loss) to average net assets ^a	0.22 ^d	0.34	0.08	0.19	2.01	1.07		
Portfolio turnover	6°	18	12	24	16	17		

	Administrative Class						
	6-Month Period Ended April 30, 2023	Year Ended October 31,					
		2022	2021	2020	2019	2018	
	(Unaudited)						
Net asset value beginning of period	\$ 12.73	\$ 23.42	\$ 19.05	\$ 16.10	\$ 13.66	\$ 15.67	
Income from Investment Operations							
Net investment income/(loss) ^{a,e}	(0.01)	(0.02)	(0.06)	(0.02)	0.22	0.08	
Net realized and unrealized gain/(loss) on investments	2.96	(8.91)	4.54	3.24	2.28	(1.95)	
Total from investment operations	2.95	(8.93)	4.48	3.22	2.50	(1.87)	
Less Distributions							
Dividends from net investment income	_	(0.03)	(0.11)	(0.27)	(0.06)	(0.14)	
Distributions from net realized capital gains	_	(1.73)	_	_	_		
Total distributions	_	(1.76)	(0.11)	(0.27)	(0.06)	(0.14)	
Net asset value end of period	15.68	12.73	23.42	19.05	16.10	13.66	
Net assets end of period (000s)	\$ 156	\$ 148	\$ 662	\$ 507	\$ 390	\$ 330	
Ratios and Supplemental Data (%)							
Total return ⁶	23.17% ^c	(40.93)%	23.54%	20.17%	18.45%	(12.03)%	
Ratio of total expenses to average net assets [^]	1.19 ^d	1.16	1.14	1.16	1.16	1.14	
Ratio of net expenses to average net assets ^a	1.10 ^d	1.10	1.10	1.10	1.10	1.10	
Ratio of net investment income/(loss) to average net assets ^a	(0.15) ^d	(0.09)	(0.24)	(0.15)	1.50	0.51	
Portfolio turnover	6°	18	12	24	16	17	

	Institutional Class									
6-Month Period Ended		Yea	r Ended October	31,						
April 30, 2023	2022	2021	2020	2019	2018					
(Unaudited)										
\$ 12.75	\$ 23.50	\$ 19.08	\$ 16.13	\$ 13.69	\$ 15.69					
0.01	0.04	*	0.02	0.26	0.13					
2.96	(8.94)	4.55	3.24	2.28	(1.95)					
2.97	(8.90)	4.55	3.26	2.54	(1.82)					
_	(0.12)	(0.13)	(0.31)	(0.10)	(0.18)					
_	(1.73)				_					
	(1.85)	(0.13)	(0.31)	(0.10)	(0.18)					
15.72	12.75	23.50	19.08	16.13	13.69					
\$289,851	\$267,148	\$709,080	\$600,240	\$414,528	\$399,911					
23.29 % ^c	(40.78)%	23.92%	20.42%	18.73%	(11.75)%					
0.94 ^d	0.91	0.89	0.91	0.91	0.89					
0.85 ^d	0.85	0.85	0.85	0.85	0.85					
0.14 ^d 6 ^c	0.21 18	0.01 12	0.11 24	1.75 16	0.84 17					

Investor Class

	Month od Ended	Year Ended October 31,						
	April 30, 2023 2022		2021	2020	2019	2018		
(Un	audited)							
\$	12.66	\$ 23.30	\$ 18.93	\$ 16.00	\$ 13.58	\$ 15.57		
	(0.02)	(0.02)	(0.11)	(0.04)	0.21	0.11		
	2.94	(8.89)	4.54	3.22	2.26	(1.98)		
	2.92	(8.91)	4.43	3.18	2.47	(1.87)		
	_	— (1.73)	(0.06)	(0.25)	(0.05)	(0.12)		
	_	(1.73)	(0.06)	(0.25)	(0.05)	(0.12)		
	15.58	12.66	23.30	18.93	16.00	13.58		
\$	8,070	\$ 6,788	\$ 13,523	\$ 32,757	\$ 34,238	\$ 32,225		
	23.06% ^c	(41.00)% 1.27	23.41% 1.26	20.06% 1.28	18.29% 1.28	(12.12)% 1.26		
	1.21 ^d	1.21	1.22	1.22	1.22	1.22		
	(0.20) ^d 6 ^c	(0.10) 18	(0.49) 12	(0.27) 24	1.40 16	0.69 17		

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR INTERNATIONAL SMALL CAP FUND							
		Retirement Class					
	6-Month Period Ended		Year	Ended Octob	er 31,	,	
	April 30, 2023	2022	2021	2020	2019 ^k	2018	
	(Unaudited)						
Net asset value beginning of period	\$ 12.65	\$ 16.39	\$11.37	\$12.49	\$ 12.38	\$13.90	
Income from Investment Operations							
Net investment income/(loss) ^{a,e}	0.17	0.27	0.28	0.07	0.24	0.17	
Net realized and unrealized gain/(loss) on investments	2.27	(2.91)	4.91	(0.82)	0.35	(1.50)	
Total from investment operations	2.44	(2.64)	5.19	(0.75)	0.59	(1.33)	
Less Distributions							
Dividends from net investment income	(0.16)	(0.28)	(0.17)	(0.37)	(0.10)	(0.09)	
Distributions from net realized capital gains	(0.20)	(0.82)	_	_	(0.38)	(0.10)	
Total distributions	(0.36)	(1.10)	(0.17)	(0.37)	(0.48)	(0.19)	
Net asset value end of period	14.73	12.65	16.39	11.37	12.49	12.38	
Net assets end of period (000s)	\$71,736	\$30,387	\$9,559	\$5,525	\$19,408	\$8,213	
Ratios and Supplemental Data (%)							
Total return ^b	19.54% ^c	(16.94)%	45.95%	(6.36)%	5.23%	(9.71)%	
Ratio of total expenses to average net assets [^]	0.97 ^d	1.11	1.17	1.37	1.24	1.07	
Ratio of net expenses to average net assets ^a	0.88 ^d	0.88	0.88	0.88	0.88	0.87	
Ratio of net investment income/(loss) to average net assets ^a	2.36 ^d	2.04	1.79	0.64	1.98	1.19	
Portfolio turnover	8 ^c	23	43	39	178	53	

	Administrative Class					
	6-Month Period Ended		Year	Year Ended October 31,		
	April 30, 2023	2022	2021	2020	2019 ^k	2018
	(Unaudited)					
Net asset value beginning of period	\$ 12.60	\$ 16.33	\$11.34	\$12.46	\$ 12.34	\$ 13.87
Income from Investment Operations						
Net investment income/(loss) ^{a,e}	0.12	0.29	0.20	0.06	0.15	0.11
Net realized and unrealized gain/(loss) on investments	2.30	(2.97)	4.93	(0.85)	0.40	(1.49)
Total from investment operations.	2.42	(2.68)	5.13	(0.79)	0.55	(1.38)
Less Distributions						
Dividends from net investment income	(0.12)	(0.23)	(0.14)	(0.33)	(0.05)	(0.05)
Distributions from net realized capital gains	(0.20)	(0.82)	_	_	(0.38)	(0.10)
Total distributions.	(0.32)	(1.05)	(0.14)	(0.33)	(0.43)	(0.15)
Net asset value end of period	14.70	12.60	16.33	11.34	12.46	12.34
Net assets end of period (000s)	\$ 521	\$ 436	\$ 487	\$ 333	\$ 356	\$ 309
Ratios and Supplemental Data (%)						
Total return ^b	19.38% ^c	(17.25)%	45.44%	(6.65)%	4.90%	(10.06)%
Ratio of total expenses to average net assets^	1.30 ^d	1.44	1.50	1.70	1.57	1.40
Ratio of net expenses to average net assets ^a	1.21 ^d	1.21	1.21	1.21	1.21	1.20
Ratio of net investment income/(loss) to average net assets ^a	1.68 ^d	2.12	1.30	0.49	1.25	0.76
Portfolio turnover	8°	23	43	39	178	53

See page 119 for notes to the Financial Highlights.

Institutional Class									
6-Month Period Ended		Year	r Ended October 3	31,					
April 30, 2023			2019 ^k	2018					
(Unaudited)									
\$ 12.65	\$ 16.39	\$ 11.37	\$ 12.49	\$ 12.37	\$ 13.90				
0.15	0.32	0.24	0.09	0.19	0.15				
2.28	(2.97)	4.95	(0.86)	0.40	(1.50)				
2.43	(2.65)	5.19	(0.77)	0.59	(1.35)				
(0.15)	(0.27)	(0.17)	(0.35)	(0.09)	(0.08)				
(0.20)	(0.82)	_	_	(0.38)	(0.10)				
(0.35)	(1.09)	(0.17)	(0.35)	(0.47)	(0.18)				
14.73	12.65	16.39	11.37	12.49	12.37				
\$175,143	\$93,640	\$49,419	\$25,716	\$25,758	\$50,358				
19.47%°	(17.00)%	45.87%	(6.48)%	5.25%	(9.83)%				
1.05 ^d	1.19	1.25	1.45	1.32	1.15				
0.96 ^d	0.96	0.96	0.96	0.96	0.95				
2.20 ^d 8 ^c	2.32 23	1.53 43	0.76 39	1.60 178	1.05 53				

Investor Class

6-Month Period Ended		Year Ended October 31,						
April 30, 2023	2022	2021	2020	2019 ^k	2018			
(Unaudited)								
\$ 12.58	\$ 16.32	\$ 11.34	\$ 12.45	\$ 12.34	\$ 13.86			
0.15	0.23	0.18	0.04	0.13	0.10			
2.25	(2.92)	4.93	(0.84)	0.40	(1.48)			
2.40	(2.69)	5.11	(0.80)	0.53	(1.38)			
(0.11) (0.20)	(0.23) (0.82)	(0.13)	(0.31)	(0.04) (0.38)	(0.04) (0.10)			
(0.31)	(1.05)	(0.13)	(0.31)	(0.42)	(0.14)			
14.67 \$ 4,957	12.58 \$ 1,140	16.32 \$ 1,962	11.34 \$ 398	12.45 \$ 428	12.34 \$ 619			
19.24% ^c 1.41 ^d 1.32 ^d 2.19 ^d 8 ^c	(17.29)% 1.55 1.32 1.66 23	45.25% 1.61 1.32 1.16 43	(6.76)% 1.82 1.33 0.36 39	4.70% 1.69 1.33 1.10 178	(10.08)% 1.52 1.32 0.73 53			

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR LARGE CAP VALUE FUND								
	Retirement Class							
	6-Month Period Ended		Year	Ended October	31,			
	April 30, 2023	2022	2021	2020	2019	2018		
	(Unaudited)							
Net asset value beginning of period	\$ 19.50	\$ 23.23	\$ 17.11	\$ 16.33	\$ 14.37	\$ 14.87		
Income from Investment Operations Net investment income/(loss) ^{a,e}	0.15	0.26	0.19	0.18	0.18	0.17		
Net realized and unrealized gain/(loss) on investments	0.60	(3.16)	6.62	0.76	2.17	(0.13)		
Total from investment operations.	0.75	(2.90)	6.81	0.94	2.35	0.04		
Less Distributions Dividends from net investment income	(0.20) (0.72)	(0.22) (0.61)	(0.17) (0.52)	(0.16)	(0.16) (0.23)	(0.13) (0.41)		
Total distributions	(0.92)	(0.83)	(0.69)	(0.16)	(0.39)	(0.54)		
Net asset value end of period	19.33 \$1,169,000	19.50 \$1,326,142	23.23 \$1,472,349	17.11 \$655,562	16.33 \$457,908	14.37 \$313,721		
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	4.08%° 0.65 ^d 0.61 ^d 1.51 ^d 3°	(12.82)% 0.64 0.61 1.26 24	40.62% 0.64 0.61 0.90 13	5.80% 0.64 0.61 1.08 26	16.92% 0.65 0.61 1.19 11	0.18% 0.64 0.60 1.12		

	Administrative Class											
	6-Month Period Ended			Year Ended October 31,								
		30, 2023		2022		2021	2021 2020		2019			2018
	(Una	audited)										
Net asset value beginning of period	\$	19.50	\$	23.21	\$	17.11	\$	16.33	\$ 14	4.36	\$	14.84
Income from Investment Operations												
Net investment income/(loss) ^{a,e}		0.11		0.19		0.13		0.13	(0.14		0.13
Net realized and unrealized gain/(loss) on investments		0.60		(3.14)		6.59		0.75		2.17		(0.15)
Total from investment operations		0.71		(2.95)		6.72		0.88	2	2.31		(0.02)
Less Distributions												
Dividends from net investment income		(0.15)		(0.15)		(0.10)		(0.10)	((0.11)		(0.05)
Distributions from net realized capital gains		(0.72)		(0.61)		(0.52)		_	((0.23)		(0.41)
Total distributions		(0.87)		(0.76)		(0.62)		(0.10)	((0.34)		(0.46)
Net asset value end of period		19.34		19.50		23.21		17.11	16	6.33		14.36
Net assets end of period (000s)	\$	3,005	\$	3,228	\$	3,941	\$	11,502	\$ 12,	,195	\$ 1	5,460
Ratios and Supplemental Data (%)												
Total return ^b		3.87% ^c		(13.06)%		40.05%		5.42%	16	6.60%		(0.23)%
Ratio of total expenses to average net assets^		0.98 ^d		0.97		0.97		0.97	(0.98		0.97
Ratio of net expenses to average net assets ^a		0.94 ^d		0.94		0.94		0.94		0.94		0.93
Ratio of net investment income/(loss) to average net assets ^a		1.18 ^d		0.92		0.64		0.78	(0.91		0.84
Portfolio turnover		3°		24		13		26		11		15

See page 119 for notes to the Financial Highlights.

		Institution	al Class						
6-Month Period Ended	Year Ended October 31,								
April 30, 2023	2022	2021	2020	2019	2018				
(Unaudited)									
\$ 19.50	\$ 23.23	\$ 17.11	\$ 16.33	\$ 14.37	\$ 14.87				
0.14	0.25	0.18	0.17	0.17	0.16				
0.60	(3.17)	6.61	0.76	2.17	(0.13)				
0.74	(2.92)	6.79	0.93	2.34	0.03				
(0.19)	(0.20)	(0.15)	(0.15)	(0.15)	(0.12)				
(0.72)	(0.61)	(0.52)		(0.23)	(0.41)				
(0.91)	(0.81)	(0.67)	(0.15)	(0.38)	(0.53)				
19.33 \$678,087	19.50 \$751,476	23.23 \$1,049,830	17.11 \$880,755	16.33 \$761,262	14.37 \$605,040				
\$010,001	Ψ/31,470	Ψ1,0+3,030	ψυσυ,733	Ψ/01,202	ψυυυ,υ40				
4.01% ^c 0.73 ^d 0.69 ^d	(12.90)% 0.72 0.69	40.52% 0.72 0.69	5.72% 0.72 0.69	16.83% 0.73 0.69	0.11% 0.72 0.68				
1.43 ^d 3 ^c	1.17 24	0.84 13	1.02 26	1.12 11	1.05 15				

Investor Class

6-Month Period Ended	Year Ended October 31,						
April 30, 2023	2022	2021		2020	2019	2018	
(Unaudited)						_	
\$ 19.72	\$ 23.46	\$	17.28	\$ 16.48	\$ 14.49	\$ 14.99	
0.10	0.17		0.10	0.11	0.12	0.11	
0.61	(3.18)		6.68	0.76	2.19	(0.14)	
0.71	(3.01)		6.78	0.87	2.31	(0.03)	
(0.14) (0.72)	(0.12) (0.61)		(0.08) (0.52)	(0.07)	(0.09) (0.23)	(0.06) (0.41)	
(0.86)	(0.73)		(0.60)	(0.07)	(0.32)	(0.47)	
19.57 \$ 26,186	19.72 \$ 26,880	\$	23.46 31,192	17.28 \$ 23,527	16.48 \$ 35,622	14.49 \$ 45,548	
3.78%° 1.09 ^d 1.05 ^d 1.07 ^d 3°	(13.15)% 1.08 1.05 0.81 24		39.96% 1.08 1.05 0.47 13	5.32% 1.09 1.06 0.67 26	16.39% 1.10 1.06 0.79 11	(0.27)% 1.09 1.05 0.70 15	

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR MID CAP FUND									
		Retiremen	t Class		Institutional Class				
	6-Month Period Ended	Year	Ended Octob	er 31,	6-Month Period Ended	Year Ended October 31,			
	April 30, 2023	2022	2021	2020 ^f	April 30, 2023	2022	2021	2020 ^f	
	(Unaudited)				(Unaudited)				
Net asset value beginning of period	\$ 12.45	\$ 14.52	\$ 10.57	\$10.00	\$ 12.44	\$ 14.51	\$ 10.56	\$10.00	
Income from Investment Operations Net investment income/(loss) ^{a,e} Net realized and unrealized gain/(loss) on	0.05	0.09	0.05	0.05	0.05	0.09	0.04	0.04	
investments	0.28	(1.84)	3.93	0.53	0.28	(1.85)	3.93	0.53	
Total from investment operations	0.33	(1.75)	3.98	0.58	0.33	(1.76)	3.97	0.57	
Less Distributions Dividends from net investment income Distributions from net realized capital gains	(0.07) (0.34)	(0.05) (0.27)	(0.03)	(0.01)	(0.06) (0.34)	(0.04) (0.27)	(0.02)	(0.01)	
Total distributions	(0.41)	(0.32)	(0.03)	(0.01)	(0.40)	(0.31)	(0.02)	(0.01)	
Net asset value end of period	12.37 \$65,801	12.45 \$67,079	14.52 \$37,135	10.57 \$5,148	12.37 \$23,054	12.44 \$21,105	14.51 \$23,710	10.56 \$5,411	
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	2.78%° 0.87 ^d 0.80 ^d 0.88 ^d 8°	(12.36)% 0.92 0.80 0.65 42	37.61% 0.93 0.80 0.40 11	5.86%° 2.28 ^d 0.80 ^d 0.54 ^d 9°	2.76%° 0.95 ^d 0.88 ^d 0.79 ^d 8°	(12.43)% 1.00 0.88 0.64 42	37.54% 1.01 0.88 0.27 11	5.75%° 2.36 ^d 0.88 ^d 0.46 ^d 9°	

See page 119 for notes to the Financial Highlights.

	Investor (Class		
6-Month Period Ended	Yea	r Ended Octobe	r 31,	
April 30, 2023	2022	2021	2020 ^f	
(Unaudited)				
\$12.37	\$ 14.44	\$10.54	\$10.00	
0.03	0.04	(0.01)	0.01	
0.27	(1.84)	3.91	0.53	
0.30	(1.80)	3.90	0.54	
(0.01)	*	*	*	
(0.34)	(0.27)	_	_	
(0.35)	(0.27)	*	*	
12.32	12.37	14.44	10.54	
\$ 841	\$ 834	\$ 949	\$ 455	
	(40 =0)0/	o= ooo/	= 400/0	
2.55%° 1.31 ^d	(12.72)%	37.00%	5.42% ^c	
	1.36	1.38	2.73 ^d	
1.24 ^d	1.24	1.24	1.25 ^d	
0.43 ^d	0.28	(0.06)	0.07 ^d	
8 ^c	42	11	9°	

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR MID CAP VALUE FUND						
			Retireme	ent Class		
	6-Month Period Ended		Yea	ar Ended Octo	ber 31,	
	April 30, 2023	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 23.93	\$ 24.97	\$ 16.83	\$ 20.82	\$ 21.39	\$ 23.33
Income from Investment Operations						
Net investment income/(loss) ^{a,e}	0.25	0.49	0.42	0.43	0.48	0.50
Net realized and unrealized gain/(loss) on investments	0.14	(1.18)	8.21	(3.73)	0.47	(1.52)
Total from investment operations	0.39	(0.69)	8.63	(3.30)	0.95	(1.02)
Less Distributions						
Dividends from net investment income	(0.42)	(0.35)	(0.49)	(0.54)	(0.37)	(0.33)
Distributions from net realized capital gains	(1.45)	_	_	(0.15)	(1.15)	(0.59)
Total distributions	(1.87)	(0.35)	(0.49)	(0.69)	(1.52)	(0.92)
Net asset value end of period	22.45	23.93	24.97	16.83	20.82	21.39
Net assets end of period (000s)	\$17,373	\$43,591	\$56,156	\$29,897	\$102,945	\$103,552
Ratios and Supplemental Data (%)						
Total return ^b	1.77% ^c	(2.80)%	51.99%	(16.55)%	5.53%	(4.75)%
Ratio of total expenses to average net assets^	0.82 ^d	0.81	0.81	0.82	0.80	0.79
Ratio of net expenses to average net assets ^a	0.77 ^d	0.77	0.78	0.80	0.77	0.76
Ratio of net investment income/(loss) to average net assets ^a	2.12 ^d	2.00	1.78	2.39	2.39	2.15
Portfolio turnover	5°	9	18	4	11	24

	Administrative Class									
	6-Month Period Ended		Yea	ar Ended Octo	ber 31,					
	April 30, 2023	2022	2021	2020	2019	2018				
	(Unaudited)									
Net asset value beginning of period	\$ 24.20	\$ 25.24	\$ 16.98	\$ 20.98	\$ 21.52	\$ 23.47				
Income from Investment Operations										
Net investment income/(loss) ^{a,e}	0.21	0.41	0.34	0.36	0.42	0.43				
Net realized and unrealized gain/(loss) on investments	0.14	(1.20)	8.31	(3.77)	0.48	(1.54)				
Total from investment operations.	0.35	(0.79)	8.65	(3.41)	0.90	(1.11)				
Less Distributions										
Dividends from net investment income	(0.33)	(0.25)	(0.39)	(0.44)	(0.29)	(0.25)				
Distributions from net realized capital gains	(1.45)	_	_	(0.15)	(1.15)	(0.59)				
Total distributions.	(1.78)	(0.25)	(0.39)	(0.59)	(1.44)	(0.84)				
Net asset value end of period	22.77	24.20	25.24	16.98	20.98	21.52				
Net assets end of period (000s)	\$ 3,225	\$ 3,291	\$ 3,828	\$ 4,945	\$ 18,508	\$ 42,557				
Ratios and Supplemental Data (%)										
Total return ^b	1.57% ^c	(3.14)%	51.53%	(16.85)%	5.19%	(5.06)%				
Ratio of total expenses to average net assets^	1.15 ^d	1.14	1.14	1.15	1.13	1.12				
Ratio of net expenses to average net assets ^a	1.10 ^d	1.10	1.11	1.13	1.10	1.08				
Ratio of net investment income/(loss) to average net assets ^a	1.75 ^d	1.67	1.46	1.98	2.08	1.83				
Portfolio turnover	5°	9	18	4	11	24				

See page 119 for notes to the Financial Highlights.

		Institution	nal Class						
6-Month Period Ended	Year Ended October 31,								
April 30, 2023	2022	2021	2020	2019	2018				
(Unaudited)									
\$ 23.93	\$ 24.97	\$ 16.83	\$ 20.82	\$ 21.38	\$ 23.33				
0.23	0.47	0.40	0.40	0.47	0.49				
0.15	(1.18)	8.21	(3.73)	0.47	(1.54)				
0.38	(0.71)	8.61	(3.33)	0.94	(1.05)				
(0.40)	(0.33)	(0.47)	(0.51)	(0.35)	(0.31)				
(1.45)	_	_	(0.15)	(1.15)	(0.59)				
(1.85)	(0.33)	(0.47)	(0.66)	(1.50)	(0.90)				
22.46	23.93	24.97	16.83	20.82	21.38				
\$227,122	\$242,004	\$355,431	\$277,767	\$520,629	\$714,309				
1.71%°	(2.88)%	51.87%	(16.64)%	5.48%	(4.85)%				
0.90 ^d	0.89	0.89	0.90	0.88	0.87				
0.85 ^d	0.85	0.86	0.88	0.85	0.83				
2.00 ^d	1.93	1.71	2.25	2.33	2.09				
5 °	9	18	4	11	24				

Investor Class

6-Month Period Ended		Yea	r Ended October	31,											
April 30, 2023	2022	2021	2020	2019	2018										
(Unaudited)															
\$ 23.90	\$ 24.93	\$ 16.80	\$ 20.78	\$ 21.31	\$ 23.23										
0.19	0.39	0.32	0.34	0.39	0.40										
0.14	(1.18)	8.20	(3.74)	0.48	(1.53)										
0.33	(0.79)	8.52	(3.40)	0.87	(1.13)										
(0.30) (1.45)	(0.24)	(0.39)	(0.43) (0.15)	(0.25) (1.15)	(0.20) (0.59)										
(1.75)	(0.24)	(0.39)	(0.58)	(1.40)	(0.79)										
22.48 \$ 27,088	23.90 \$ 28,355	24.93 \$ 32,097	16.80 \$ 26,785	20.78 \$ 58,928	21.31 \$ 82,539										
1.52% ^c 1.26 ^d 1.21 ^d 1.64 ^d 5 ^c	(3.20)% 1.25 1.21 1.57	51.26% 1.25 1.22 1.36 18	(16.94)% 1.27 1.25 1.89 4	5.08% 1.25 1.22 1.95 11	(5.20)% 1.24 1.20 1.71 24										

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR SMALL CAP GROWTH FUND						
			Retireme	nt Class		
	6-Month Period Ended		Yea	r Ended Octob	er 31,	
	April 30, 2023	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 11.78	\$ 19.95	\$ 15.91	\$ 13.18	\$ 14.39	\$ 15.08
Income from Investment Operations Net investment income/(loss) ^{a,e}	_	(0.01)	(0.07)	(0.04)	(0.01)	(0.05)
Net realized and unrealized gain/(loss) on investments	0.46	(3.94)	5.41	3.25	1.56	0.82
Total from investment operations	0.46	(3.95)	5.34	3.21	1.55	0.77
Less Distributions Dividends from net investment income	_	_	_	_	_	_
Distributions from net realized capital gains	(0.52)	(4.22)	(1.30)	(0.48)	(2.76)	(1.46)
Total distributions	(0.52)	(4.22)	(1.30)	(0.48)	(2.76)	(1.46)
Net asset value end of period	11.72	11.78	19.95	15.91	13.18	14.39
Net assets end of period (000s)	\$352,445	\$311,509	\$399,174	\$348,997	\$281,603	\$306,026
Ratios and Supplemental Data (%)	# 200/ C	(22.72)0/	24.400/	24.020/	10.220/	F 110/
Total return ^b	4.29% ^c 0.80 ^d	(23.72)% 0.80	34.40% 0.79	24.93% 0.81	16.23% 0.80	5.11% 0.79
Ratio of net expenses to average net assets	0.80 ^d	0.79	0.78	0.80	0.80	0.79
Ratio of net investment income/(loss) to average net assets ^a	0.04 ^d	(0.11)	(0.37)	(0.27)	(0.12)	(0.33)
Portfolio turnover	44°	75	71	95	74	99

				Α	dministra	tive (Class										
		Month d Ended			Yea	r Enc	led Octob	er 31	ı	3.39 \$ 14 (0.05) (0 1.40 0 1.35 0							
	April 30, 2023		2022		2021		2020		2019		2018						
	(Una	udited)															
Net asset value beginning of period	\$	10.10	\$ 17.80	\$	14.36	\$	11.98	\$	13.39	\$	14.17						
Income from Investment Operations Net investment income/(loss) ^{a,e}		(0.01)	(0.05)		(0.12)		(80.0)		(0.05)		(0.09)						
Net realized and unrealized gain/(loss) on investments		0.39	(3.43)		4.86		2.94		1.40		0.77						
Total from investment operations		0.38	(3.48)		4.74		2.86		1.35		0.68						
Less Distributions Dividends from net investment income		_	_		_		_		_		_						
Distributions from net realized capital gains		(0.52)	(4.22)		(1.30)		(0.48)		(2.76)		(1.46)						
Total distributions		(0.52)	(4.22)		(1.30)		(0.48)		(2.76)		(1.46)						
Net asset value end of period		9.96	10.10		17.80		14.36		11.98		13.39						
Net assets end of period (000s)	\$	612	\$ 648	\$	965	\$	866	\$	395	\$	769						
Ratios and Supplemental Data (%)																	
Total return ^b		4.21% ^c	(24.00)%		33.91%		24.49%		15.87%		4.76%						
Ratio of total expenses to average net assets^		1.13 ^d	1.13		1.12		1.14		1.13		1.12						
Ratio of net expenses to average net assets ^a		1.13 ^d	1.12		1.11		1.13		1.12		1.11						
Ratio of net investment income/(loss) to average net assets ^a		(0.29) ^d	(0.44)		(0.69)		(0.62)		(0.44)		(0.65)						
Portfolio turnover		44°	75		71		95		74		99						

See page 119 for notes to the Financial Highlights.

		Institution	nal Class							
6-Month Period Ended		Year Ended October 31,								
April 30, 2023	2022	2021	2020	2019	2018					
(Unaudited)										
\$ 11.68	\$ 19.84	\$ 15.84	\$ 13.13	\$ 14.35	\$ 15.06					
_	(0.03)	(0.08)	(0.05)	(0.03)	(0.06)					
0.45	(3.91)	5.38	3.24	1.57	0.81					
0.45	(3.94)	5.30	3.19	1.54	0.75					
_	_		_	_						
(0.52)	(4.22)	(1.30)	(0.48)	(2.76)	(1.46)					
(0.52)	(4.22)	(1.30)	(0.48)	(2.76)	(1.46)					
11.61	11.68	19.84	15.84	13.13	14.35					
\$650,339	\$595,476	\$721,405	\$633,535	\$440,553	\$400,389					
4.24% ^c	(23.81)%	34.29%	24.87%	16.18%	4.97%					
0.88 ^d	0.88	0.87	0.89	0.88	0.87					
0.88 ^d	0.87	0.86	0.88	0.87	0.86					
$(0.05)^{d}$	(0.19)	(0.45)	(0.35)	(0.20)	(0.40)					
44°	75	71	95	74	99					

Investor Class

	6-Month Period Ended			Υ	ear End	ed Octobe	er 31,		
	l 30, 2023	2022	!	2021		2020		2019	2018
(Un	audited)								
\$	9.18	\$ 16.0	60 \$	3 13.47	\$	11.28	\$	12.79	\$ 13.62
	(0.02)	(0.0	06)	(0.13)		(0.08)		(0.06)	(0.11)
	0.35	(3.	14)	4.56		2.75		1.31	0.74
	0.33	(3.2	20)	4.43		2.67		1.25	0.63
	_	-		_		_		_	_
	(0.52)	(4.2	22)	(1.30)		(0.48)		(2.76)	(1.46)
	(0.52)	(4.2	22)	(1.30)		(0.48)		(2.76)	(1.46)
	8.99	9.	18	16.60		13.47		11.28	12.79
_\$	7,903	\$ 7,03	31 \$	8,648	\$	6,811	\$	6,670	\$ 7,076
	4.09% ^c	(24.0	05)%	33.84%	, n	24.32%		15.81%	4.58%
	1.24 ^d	1.2		1.23		1.26		1.25	1.24
	1.24 ^d	1.3	23	1.23		1.25		1.24	1.23
	$(0.40)^{d}$	(0.		(0.81)		(0.71)		(0.57)	(0.77)
	44 ^c		75	71		95		74	99

Harbor Funds Financial Highlights—Continued SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

HARBOR SMALL CAP VALUE FUND						
			Retireme	nt Class		
	6-Month Period Ended		Yea	r Ended Octobe	er 31,	
	April 30, 2023	2022	2021	2020	2019	2018
	(Unaudited)					
Net asset value beginning of period	\$ 39.47	\$ 45.11	\$ 31.65	\$ 33.55	\$ 33.60	\$ 36.16
Income from Investment Operations Net investment income/(loss) ^{a,e} Net realized and unrealized gain/(loss) on investments	0.14 (0.11)	0.18 (3.38)	0.12 13.54	0.21 (1.59)	0.21 2.84	0.17 (1.98)
		. ,				
Total from investment operations	0.03	(3.20)	13.66	(1.38)	3.05	(1.81)
Less Distributions Dividends from net investment income Distributions from net realized capital gains	(0.15) (2.48)	(0.08) (2.36)	(0.20)	(0.20) (0.32)	(0.15) (2.95)	(0.06) (0.69)
Total distributions	(2.63)	(2.44)	(0.20)	(0.52)	(3.10)	(0.75)
Net asset value end of period	36.87 \$610,392	39.47 \$600,143	45.11 \$599,016	31.65 \$300,473	33.55 \$230,861	33.60 \$155,036
Ratios and Supplemental Data (%) Total return ^b Ratio of total expenses to average net assets ^A Ratio of net expenses to average net assets ^a Ratio of net investment income/(loss) to average net assets ^a Portfolio turnover	0.42%° 0.80 ^d 0.80 ^d 0.74 ^d 18°	(7.16)% 0.80 0.79 0.46 15	43.19% 0.79 0.78 0.27 17	(4.22)% 0.80 0.80 0.67 17	10.98% 0.80 0.80 0.67 27	(5.18)% 0.79 0.79 0.45 22

				Administ	rative	Class			
	_	Month od Ended		Υ	ear En	ded Octob	er 31	,	
	April 30, 2023		2022	2021		2020		2019	2018
	(Una	audited)							
Net asset value beginning of period	\$	39.06	\$ 44.72	\$ 31.41	\$	33.30	\$	33.36	\$ 35.97
Income from Investment Operations									
Net investment income/(loss) ^{a,e}		0.08	0.05	(0.02)		0.10		0.11	0.06
Net realized and unrealized gain/(loss) on investments		(0.11)	(3.35)	13.42		(1.57)		2.82	(1.98)
Total from investment operations		(0.03)	(3.30)	13.40		(1.47)		2.93	(1.92)
Less Distributions									
Dividends from net investment income		(0.01)	_	(0.09)		(0.10)		(0.04)	_
Distributions from net realized capital gains		(2.48)	(2.36)	_		(0.32)		(2.95)	(0.69)
Total distributions		(2.49)	(2.36)	(0.09)		(0.42)		(2.99)	(0.69)
Net asset value end of period		36.54	39.06	44.72		31.41		33.30	33.36
Net assets end of period (000s).	\$	8,239	\$ 9,177	\$ 11,962	\$	10,082	\$	6,537	\$ 7,253
Ratios and Supplemental Data (%)									
Total return ^b		0.23% ^c	(7.45)%	42.72%		(4.54)%		10.59%	(5.50)%
Ratio of total expenses to average net assets [^]		1.13 ^d	1.13	1.12		1.13		1.13	1.12
Ratio of net expenses to average net assets ^a		1.13 ^d	1.12	1.11		1.13		1.12	1.11
Ratio of net investment income/(loss) to average net assets ^a		0.41 ^d	0.13	(0.04)		0.32		0.35	0.16
Portfolio turnover		18 ^c	15	17		17		27	22

See page 119 for notes to the Financial Highlights.

					Institutio	nal C	lass				
	Month od Ended				Yea	r Ende	ed October	31,			
	il 30, 2023		2022		2021		2020		2019		2018
(Un	audited)										
\$	39.44	\$	45.07	\$	31.63	\$	33.53	\$	33.57	\$	36.14
	0.13		0.15		0.09		0.18		0.19		0.15
	(0.11)		(3.38)		13.52		(1.58)		2.84		(2.00)
	0.02		(3.23)		13.61		(1.40)		3.03		(1.85)
	(0.12)		(0.04)		(0.17)		(0.18)		(0.12)		(0.03)
	(2.48)		(2.36)				(0.32)		(2.95)		(0.69)
	(2.60)		(2.40)		(0.17)		(0.50)		(3.07)		(0.72)
	36.86		39.44		45.07		31.63		33.53		33.57
\$1,	,459,101	\$1,4	493,462	\$2,	023,164	\$1,	350,681	\$1,	346,098	\$1,	149,857
	0.38%°		(7.22)%		43.11%		(4.33)%		10.91%		(5.28)%
	0.88d		0.88		0.87		0.88		0.88		0.87
	0.88 ^d		0.87		0.86		0.88		0.87		0.86
	0.66 ^d		0.38		0.20		0.59		0.60		0.40
	18°		15		17		17		27		22

Investor Class

	Month od Ended		Yea	r End	ed October	31,		
	1 30, 2023	2022	2021		2020		2019	2018
(Un	audited)							
\$	38.09	\$ 43.72	\$ 30.71	\$	32.56	\$	32.68	\$ 35.29
	0.06	0.01	(0.06)		0.07		0.08	0.01
	(0.10)	(3.28)	13.12		(1.55)		2.75	(1.93)
	(0.04)	(3.27)	13.06		(1.48)		2.83	(1.92)
	_	_	(0.05)		(0.05)		_	_
	(2.48)	(2.36)	_		(0.32)		(2.95)	(0.69)
	(2.48)	(2.36)	(0.05)		(0.37)		(2.95)	(0.69)
	35.57	38.09	43.72		30.71		32.56	32.68
\$	35,076	\$ 38,722	\$ 64,544	\$	51,370	\$	57,931	\$ 70,819
	0.21% ^c 1.24 ^d 1.24 ^d	(7.56)% 1.24 1.23	42.56% 1.23 1.23		(4.67)% 1.25 1.25		10.48% 1.25 1.24	(5.60)% 1.24 1.23
	0.30 ^d 18 ^c	0.01 15	(0.15) 17		0.23 17		0.24 27	0.03 22

Harbor Funds Financial Highlights—Continued

SELECTED DATA FOR A SHARE OUTSTANDING FOR THE PERIODS PRESENTED

- * Less than \$0.01
- ^ Percentage does not reflect reduction for credit balance arrangements (see the "Custodian" section in Note 2 of the accompanying Notes to Financial Statements)
- a Reflects the Adviser's waiver, if any, of its management fees and/or other operating expenses
- b The total returns would have been lower had certain expenses not been waived during the periods shown.
- c Unannualized
- d Annualized
- e Amounts are based on average daily shares outstanding during the period.
- f For the period December 1, 2019 (inception) through October 31, 2020
- g Effective September 1, 2021, the Board of Trustees appointed Harbor Capital Advisors, Inc. to manage the Fund's assets based upon model portfolios provided by multiple non-discretionary subadvisors.
- h For the period June 1, 2018 (inception) through October 31, 2018
- i For the period March 1, 2019 (inception) through October 31, 2019
- j Effective August 22, 2018, the Board of Trustees appointed Marathon Asset Management Limited as subadvisor to Harbor International Fund.
- k Effective May 23, 2019, the Board of Trustees appointed Cedar Street Asset Management LLC as subadvisor to Harbor International Small Cap Fund.
- I Effective February 2, 2022, the Board of Trustees appointed Income Research+Management as the subadvisor to the Fund.
- m Effective March 1, 2023, the Board of Trustees appointed BlueCove Limited as subadvisor to Harbor Convertible Securities Fund.
- n The net investment income ratio includes dividends and interest income and related tax compliance fee and interest expense, from foreign tax reclaims and interest received by the Fund. The ratios of total expenses to average net assets include the tax compliance fee and related interest expense due to this receipt of foreign tax reclaims and interest income by the Fund. For the year ended October 31, 2020, the ratios of net expenses to average net assets including tax compliance fee for the Retirement Class, Institutional Class, Administrative Class, and Investor Class were 1.49%, 1.53%, and 1.98%, respectively.

The accompanying notes are an integral part of the Financial Statements.

NOTES TO FINANCIAL STATEMENTS—April 30, 2023 (Unaudited)

NOTE 1—ORGANIZATIONAL MATTERS

Harbor Funds (the "Trust") is registered under the Investment Company Act of 1940, as amended (the "Investment Company Act"), as an open-end management investment company. As of April 30, 2023, the Trust consists of the following separate portfolios (individually or collectively referred to as a "Fund" or the "Funds," respectively). Harbor Capital Advisors, Inc. (the "Adviser" or "Harbor Capital") is the investment adviser for the Funds.

Harbor Capital Appreciation Fund

Harbor Convertible Securities Fund

Harbor Core Bond Fund Harbor Core Plus Fund

Harbor Disruptive Innovation Fund

Harbor Diversified International All Cap Fund

Harbor Global Leaders Fund Harbor International Fund Harbor International Core Fund (formerly, Harbor

Overseas Fund)

Harbor International Growth Fund Harbor International Small Cap Fund

Harbor Large Cap Value Fund

Harbor Mid Cap Fund

Harbor Mid Cap Value Fund

Harbor Small Cap Growth Fund

Harbor Small Cap Value Fund

Effective March 1, 2023, Harbor Overseas Fund was renamed Harbor International Core Fund.

The Funds currently offer up to four classes of shares, designated as Retirement Class, Institutional Class, Administrative Class and Investor Class. The shares of each class represent an interest in the same portfolio of investments of the Funds and have equal rights with respect to voting, redemptions, dividends, and liquidations, except that: (i) certain expenses, subject to the approval of the Trust's Board of Trustees (the "Board of Trustees"), may be applied differently to each class of shares in accordance with current regulations of the Securities and Exchange Commission ("SEC") and the Internal Revenue Service; and (ii) shareholders of a class that bears distribution and service expenses under terms of a distribution plan have exclusive voting rights as to that distribution plan.

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies followed by the Trust in the preparation of its financial statements. Each Fund follows the investment company reporting requirements under U.S. Generally Accepted Accounting Principles ("U.S. GAAP"), which includes the accounting and reporting guidelines under Accounting Standards Codification ("ASC") Topic 946, *Financial Services-Investment Companies*. The preparation of financial statements in accordance with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results may differ from those estimates.

Security Valuation

Investments are valued pursuant to valuation procedures approved by the Board of Trustees. The valuation procedures permit the Adviser to use a variety of valuation methodologies, consider a number of subjective factors, analyze applicable facts and circumstances and, in general, exercise judgment, when valuing Fund investments. The methodology used for a specific type of investment may vary based on the circumstances and relevant considerations, including available market data.

Equity securities (including common stock, preferred stock, and convertible preferred stock), exchange-traded funds and financial derivative instruments (such as rights and warrants) that are traded on a national securities exchange or system (except securities listed on the National Association of Securities Dealers Automated Quotation ("NASDAQ") system and United Kingdom securities) are valued at the last sale price on a national exchange or system on which they are principally traded as of the valuation date. Securities listed on the NASDAQ system or a United Kingdom exchange are valued at the official closing price of those securities. In the case of securities for which there are no sales on the valuation day, (i) securities traded principally on a U.S. exchange, including NASDAQ, are valued at the mean (or average) of the closing bid and ask price; and (ii) securities traded principally on a foreign exchange, including United Kingdom securities, are valued at the official bid price determined as of the close of the primary exchange. Shares of open-end registered investment companies that are held by a Fund are valued at net asset value. To the extent these securities are actively traded and fair valuation adjustments are not applied, they are normally categorized as Level 1 in the fair value hierarchy. Equity securities traded on inactive markets or valued by reference to similar instruments are normally categorized as Level 2 in the fair value hierarchy. For more information on the fair value hierarchy, please refer to the Fair Value Measurements and Disclosures section.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES—Continued

Debt securities (including corporate bonds, municipal bonds and notes, U.S. government agencies, U.S. treasury obligations, mortgage-backed and asset-backed securities, foreign government obligations, and convertible securities, other than short-term securities, with a remaining maturity of less than 60 days at the time of acquisition), are valued using evaluated prices furnished by a pricing vendor selected by the Board of Trustees. An evaluated price represents an assessment by the pricing vendor using various market inputs of what the pricing vendor believes is the fair value of a security at a particular point in time. The pricing vendor determines evaluated prices for debt securities that would be transacted at institutional-size quantities using inputs including, but not limited to, (i) recent transaction prices and dealer quotes, (ii) transaction prices for what the pricing vendor believes are securities with similar characteristics, (iii) the pricing vendor's assessment of the risk inherent in the security taking into account criteria such as credit quality, payment history, liquidity and market conditions, and (iv) various correlations and relationships between security price movements and other factors, such as interest rate changes, which are recognized by institutional traders. In the case of asset-backed and mortgage-backed securities, the inputs used by the pricing vendor may also include information about cash flows, prepayment rates, default rates, delinquency and loss assumption, collateral characteristics, credit enhancements and other specific information about the particular offering. Because many debt securities trade infrequently, the pricing vendor will often not have current transaction price information available as an input in determining an evaluated price for a particular security. When current transaction price information is available, it is one input into the pricing vendor's evaluation process, which means that the evaluated price supplied by the pricing vendor will frequently differ from that transaction price. Securities that use similar valuation techniques and inputs as described above are normally categorized as Level 2 in the fair value hierarchy.

Short-term securities with a remaining maturity of less than 60 days at the time of acquisition that are held by a Fund are valued at amortized cost to the extent amortized cost represents fair value. Such securities are normally categorized as Level 2 in the fair value hierarchy.

A Fund may also use fair value pricing if the value of some or all of the Fund's securities have been materially affected by events occurring before the Fund's pricing time but after the close of the primary markets or exchanges on which the security is traded. This most commonly occurs with foreign securities, but may occur with other securities as well. In such cases, the Fund may apply a fair value factor supplied by the pricing vendor to a foreign security's market close value to reflect changes in value that may have occurred between the close of the primary market or exchange on which the security is traded and the Fund's pricing time. That factor may be derived using observable inputs such as a comparison of the trading patterns of a foreign security to intraday trading in the U.S. markets that are highly correlated to the foreign security or other information that becomes available after the close of the foreign market on which the security principally traded. When fair value pricing is employed, the prices of securities used by a Fund to calculate its net asset value may differ from market quotations, official closing prices or evaluated prices for the same securities, which means that the Fund may value those securities higher or lower than another given fund that uses market quotations, official closing prices or evaluated prices supplied by a pricing vendor in its calculation of net asset value. Securities valued using observable inputs, such as those described above, are normally categorized as Level 2 of the fair value hierarchy.

When reliable market quotations or evaluated prices supplied by a pricing vendor are not readily available or are not believed to accurately reflect fair value, securities fair value determinations are made by the Adviser as designated by the Board of Trustees pursuant to the Investment Company Act. Fair value determinations for investments which incorporate significant unobservable inputs are normally categorized as Level 3 in the fair value hierarchy.

Fair Value Measurements and Disclosures

Various inputs may be used to determine the value of each Fund's investments, which are summarized in three broad categories defined as Level 1, Level 2, and Level 3. The inputs or methodologies used for valuing investments are not necessarily indicative of the risk associated with investing in those investments. The assignment of an investment to Levels 1, 2, or 3 is based on the lowest level of significant inputs used to determine its fair value.

- 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.).
- Level 3–Significant unobservable inputs are used in situations where quoted prices or other observable inputs are not available or are deemed unreliable. Significant unobservable inputs may include each Fund's own assumptions.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES—Continued

The categorization of investments into Levels 1, 2, or 3, and a summary of significant unobservable inputs used for Level 3 investments, when applicable, can be found at the end of each Fund's Portfolio of Investments schedule.

Each Fund used observable inputs in its valuation methodologies whenever they were available and deemed reliable.

Investment Income

Dividends declared on portfolio securities are accrued on the ex-dividend date. Dividend information on certain foreign securities may not be available on ex-dividend date, therefore, such dividends will be recorded as soon as reliable information becomes available. Distributions from real estate investment trust securities are recorded as dividend income, and may be reclassified as capital gains and/or return of capital, based on the information reported by the issuer, when available. Interest income is accrued daily as earned. Discounts and premiums on fixed income securities are amortized over the life of the respective securities (except for premiums on certain callable debt securities that are amortized to the earliest call date) using the effective yield method. Paydown gains and losses on mortgage-backed and asset-backed securities are recognized as a component of interest income. Inflation adjustments to the face amount of inflation-indexed securities are included in interest income. Consent fees relating to corporate actions from investments held are recorded as income upon receipt.

Expenses

Expenses are charged directly to the Fund that incurred such expense whenever possible. With respect to expenses incurred by any two or more Harbor funds where amounts cannot be identified on a fund by fund basis, such expenses are generally allocated in proportion to the average net assets or the number of shareholders of each Fund.

Class Allocations

Income, common expenses and realized and unrealized gains/(losses) are determined at the Fund level and allocated daily to each class of shares based on the applicable net assets of the respective classes. Distribution and service fees, if any, and transfer agent fees are calculated daily at the class level based on the applicable net assets of each class and the expense rate(s) applicable to each class.

Securities Transactions

Securities transactions are accounted for on the trade date (the date the order to buy or sell is executed). Realized gains or losses on security transactions are determined on the basis of identified cost.

Distribution to Shareholders

Distributions on Fund shares are recorded on the ex-dividend date.

Taxes

Each Fund is treated as a separate entity for U.S. federal tax purposes. Each Fund's policy is to meet the requirements of Subchapter M of the Internal Revenue Code of 1986, as amended (the "Internal Revenue Code") applicable to regulated investment companies and to distribute to its shareholders all of its taxable income within the prescribed time. It is also the intention of each Fund to distribute an amount sufficient to avoid imposition of any excise tax under Section 4982 of the Internal Revenue Code. Therefore, no provision has been made for U.S. federal taxes on income, capital gains or unrealized appreciation of securities held or excise taxes on income and capital gains.

Each Fund may be subject to taxes imposed by foreign countries in which they invest. Such taxes are provided for in accordance with each Fund's understanding of the applicable foreign country's tax law and are generally based on income and/or capital gains earned or repatriated. Taxes are accrued and applied to net investment income, net realized gains and unrealized appreciation as such income and/or gains are earned. Certain Funds have filed for additional foreign tax reclaims related to prior years. These additional foreign tax reclaims are recorded as income when both the amount is known and significant contingencies or uncertainties regarding collectability are removed.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES—Continued

Management has analyzed each Fund's tax positions for all open tax years (in particular, U.S. federal, state and local income tax returns for the tax years ended October 31, 2019–2021), including all positions expected to be taken upon filing the 2022 tax return (if applicable), in all material jurisdictions where each Fund operates, and has concluded that no provision for income tax is required in the Funds' financial statements. Each Fund will recognize interest and penalties, if any, related to unrecognized tax benefits as income tax expense in the Statement of Operations.

During 2020 and 2022, Harbor International Fund received payments, including interest, from member countries of the European Union based on foreign tax reclaims relating to amounts withheld on dividends received by the Fund during fiscal years October 31, 2009 through 2021. A portion of the foreign tax reclaims and interest received is due to the Internal Revenue Service ("IRS"), in the form of a tax compliance fee and that amount is based on the percentage of foreign tax credits previously passed through to the Fund's shareholders. The estimated amount due to the IRS, including interest, is included in tax compliance fee payable in the Fund's Statement of Asset and Liabilities. The Fund filed a closing agreement with the IRS related to the amount received in 2020 and in December 2022, the agreement was finalized and the related tax compliance fee, including interest, was paid to the IRS. The Fund will enter into another closing agreement with the IRS relating to the amounts received in 2022. The actual tax compliance fee and related interest due to the IRS will be determined based on the closing agreement with the IRS and may differ from estimates.

Custodian

Each Fund has credit balance arrangements with its custodian whereby positive balances in demand deposit accounts used by the transfer and shareholder servicing agent for clearing shareholder transactions in the Fund generate credits that are applied against gross custody expenses. Such custodial expense reductions, if any, are reflected on the respective Fund's accompanying Statement of Operations.

Foreign Currency Translations

Purchases and sales of securities are translated into U.S. dollars at the current exchange rate on the respective dates of the transactions. Income and withholding taxes are translated at the prevailing exchange rate when accrued or incurred. The accounting records of the Funds are maintained in U.S. dollars. Investment securities and other assets and liabilities denominated in a foreign currency, when applicable, are translated into U.S. dollars based on the current exchange rates at period end.

Reported net realized gains and losses on foreign currency transactions, when applicable, represent net gains and losses from sales and maturities of foreign currency contracts, disposition of foreign currencies, currency gains and losses realized between the trade and settlement dates on securities transactions, and the difference between the amount of investment income accrued and tax reclaims receivable and the U.S. dollar amount actually received. The effects of changes in foreign currency exchange rates on investments in securities, when applicable, are included in the net realized and unrealized gain or loss on investments in the Statements of Operations.

Proceeds from Litigation

Each Fund may receive proceeds from shareholder litigation settlements involving current and/or previously held portfolio holdings. Any proceeds received from litigation involving portfolio holdings are reflected in the Statements of Operations in realized gain/(loss) if the security has been disposed of by a Fund, or in unrealized gain/(loss) if the security is still held by a Fund.

New Accounting Pronouncements

In March 2020, FASB issued ASU 2020-04, Reference Rate Reform: Facilitation of the Effects of Reference Rate Reform on Financial Reporting. The main objective of this ASU is to provide optional guidance to ease the potential accounting burden associated with transitioning away from the London Interbank Offered Rate ("LIBOR") and other reference rates that are expected to be discontinued. The ASU was effective immediately upon release of the update on March 12, 2020, and can generally be applied through December 31, 2022. In March 2021, the administrator for LIBOR announced the extension of the publication of a majority of the USD LIBOR settings to June 30, 2023. In December 2022, FASB issued ASU 2022-06, which includes amendments to extend the duration of the LIBOR transition relief to December 31, 2024, after which entities

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES—Continued

will no longer be permitted to apply the reference rate reform relief. Management is continuously evaluating the potential effect a discontinuation of LIBOR could have on each Fund's investments (if applicable) and has determined that it is unlikely the ASU's adoption will have a material impact on the Fund's financial statements.

Certain instruments held by the Funds rely in some fashion upon LIBOR. The United Kingdom's Financial Conduct Authority, which regulates LIBOR, announced plans to ultimately phase out the use of LIBOR. Although the transition process away from LIBOR has become increasingly well-defined in advance of the anticipated discontinuation date, there remains uncertainty regarding the nature of any replacement rate, and any potential effects of the transition away from LIBOR on the Funds or on certain instruments in which the Funds invests can be difficult to ascertain. The transition process may involve, among other things, increased volatility or illiquidity in markets for instruments that currently rely on LIBOR and may result in a reduction in the value of certain instruments held by the Funds.

Inflation-Indexed Bonds

Inflation-indexed bonds are fixed-income securities whose principal value is periodically adjusted based on the rate of inflation. The interest rate on these bonds is generally fixed at issuance at a rate lower than typical bonds. Over the life of an inflation-indexed bond, however, interest will be paid based on a principal value that is adjusted for inflation. Any increase or decrease in the principal amount of an inflation-indexed bond will be included as interest income even though investors do not receive the principal until maturity.

During the period, Harbor Core Bond Fund and Harbor Core Plus Fund invested in inflation-indexed bonds.

Rights and Warrants

Rights represent a privilege offered to holders of record of issued securities to subscribe (usually on a pro rata basis) for additional securities of the same class, of a different class or of a different issuer. Warrants are contracts that generally give the holder the right, but not the obligation, to buy a stated number of shares of common stock at a specified price at any time during the life of the warrant. Rights and warrants are typically written by the issuer of the security underlying the right or warrant. Although some rights and warrants may be non-transferable, others may be traded over-the-counter or on an exchange.

A Fund may acquire rights or warrants in order to gain exposure to the underlying security without owning the security, including, for example, cases where the Fund hopes to lock in the price today of a security it may wish to purchase in the future. In order for a warrant to be profitable, the market price of the underlying security must rise sufficiently above the exercise price to cover any premium and transaction costs. The value of a right or warrant may not necessarily change with the value of the underlying securities. When a Fund acquires rights or warrants, it runs the risk that it will lose its entire investment in the rights or warrants, unless the Fund exercises the right or warrant, acquires the underlying securities, or enters into a closing transaction before expiration. Rights and warrants cease to have value if they are not exercised prior to their expiration date. If the price of the underlying security does not rise to an extent sufficient to cover any premium and transaction costs, the Fund will lose part or all of its investment. Any premiums or purchase price paid for rights or other warrants that expire are treated as realized losses. If a Fund enters into a closing sale transaction, it realizes a gain or loss, depending on whether the proceeds from the sale are greater or less than the cost of the rights or warrants.

Rights or warrants outstanding at the end of the period, if any, are disclosed at the end of each applicable Fund's Portfolio of Investments and are included in "Purchased options" in the Statements of Assets and Liabilities. Realized gain/(loss) and unrealized appreciation/(depreciation) recognized during the period are included in "Purchased options" in the Statements of Operations.

During the period, Harbor Diversified International All Cap Fund, Harbor International Fund, Harbor International Core Fund, and Harbor International Small Cap Fund held rights/warrants as a result of their investments in underlying securities.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 2—SIGNIFICANT ACCOUNTING POLICIES—Continued

Other Matters

The Funds in the normal course of business invest in financial instruments where the risk of potential loss exists due to changes in the market, economic, political and regulatory developments, as well as events such as war, terrorism or spread of infectious disease (market risk) or failure or inability of the counterparty to a transaction to perform (credit and counterparty risk). In addition, certain Funds invest primarily in foreign securities and as such are also subject to foreign currencies and foreign securities risks. Each Fund's prospectus provides further details regarding the Fund's principal risks.

NOTE 3—INVESTMENT PORTFOLIO TRANSACTIONS

Investment Portfolio Transactions

Purchases and sales of investments, other than short-term securities and U.S. government obligations, for each Fund for the period ended April 30, 2023 were as follows:

	Purchases (000s)	Sales (000s)
Harbor Capital Appreciation Fund	\$3,138,167	\$4,744,774*
Harbor Convertible Securities Fund	64,214	184,474
Harbor Core Bond Fund	93,955	42,830
Harbor Core Plus Fund	234,309	183,339
Harbor Disruptive Innovation Fund	32,204	62,067
Harbor Diversified International All Cap Fund	90,608	65,368
Harbor Global Leaders Fund	4,295	12,040
Harbor International Fund	219,107	415,784
Harbor International Core Fund	112,113	60,137
Harbor International Growth Fund	21,435	68,904
Harbor International Small Cap Fund	112,297	14,333
Harbor Large Cap Value Fund	54,392	346,132
Harbor Mid Cap Fund	6,964	9,262
Harbor Mid Cap Value Fund	14,588	59,363
Harbor Small Cap Growth Fund	447,359	414,867
Harbor Small Cap Value Fund	373,000	389,123

^{*} Sales for this Fund include \$154,663 in connection with in-kind redemptions of the Fund's capital shares.

In-Kind Redemption Transactions

In accordance with the Trust's prospectus, the Funds may distribute portfolio securities rather than cash as payment for a redemption of Fund shares. For financial reporting purposes, a Fund recognizes a gain or loss on the securities distributed related to the in-kind redemption. Such Fund-level gains and losses on in-kind redemptions are not taxable to shareholders. For the period ended April 30, 2023, and the year ended October 31, 2022, Harbor Capital Appreciation Fund realized gains of \$87,729,000 and \$1,270,427,000, respectively, upon the disposition of portfolio securities in connection with in-kind redemptions of the Fund's shares.

Securities Lending

Each Fund may engage in securities lending, whereby a Fund lends its securities to financial institutions in order to increase its income. The Trust has engaged State Street Bank and Trust Company to act as its agent (the "Lending Agent") with respect to the lending of portfolio securities of the Funds, pursuant to the terms and conditions of a Securities Lending Authorization Agreement (the "SLA Agreement"). Securities loans are required to be secured at all times during the term of the loan by collateral that is at least equal to the value of the loaned securities determined at the close of each business day. Collateral may consist of cash and/or securities issued by the U.S. Treasury. Any additional collateral that may be required to secure a loan is delivered to the Fund on the next business day. Cash collateral is recognized as the gross liability for securities loaned in the Statements of Assets and Liabilities. Non-cash collateral is not recorded in the Funds' Statements of Assets and Liabilities as it is held by the Lending Agent on behalf of the Funds, and the Funds do not have the ability to rehypothecate those securities. Cash collateral is invested in the State Street Navigator Securities Lending Government Money Market Portfolio (the "Navigator

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 3—INVESTMENT PORTFOLIO TRANSACTIONS—Continued

Portfolio"), a money market mutual fund that seeks to provide income while maintaining a stable net asset value of \$1.00. There is no assurance that the Navigator Portfolio will maintain a stable net asset value and the Funds are subject to the risk of loss on the cash collateral invested. A portion of the earnings generated by the investment of the cash collateral is rebated to the borrower for the use of the cash collateral and these earnings (less any rebate) are then divided between the Fund and the Lending Agent, as a fee for its services, according to agreed-upon rates. The Lending Agent and a Fund will share in any shortfall in the rebate due to the borrower, according to agreed-upon rates.

In addition to receiving a fee from the borrower based on the demand for securities loaned and earning income on the investment of the cash collateral, a Fund receives substitute interest, dividends, or other amounts on the loaned securities, during the term of a loan. Net securities lending income is disclosed as such in the Statements of Operations and represents the income earned from the non-cash collateral and the investment of cash collateral, net of fee rebates paid to the borrower and net of fees paid to the Lending Agent.

Loans may be terminated at the option of the borrower or the Funds. Upon termination of the loan, the borrower will return to the Fund securities that are identical to the loaned securities. The Funds bear the risk of delay in recovery of, or loss of rights in, the securities loaned and the risk that the value of the collateral falls below the value of the securities on loan. Each Fund seeks to mitigate this risk through the SLA Agreement, which provides that in the event of default, the Lending Agent may apply the proceeds of the cash collateral from the loaned securities toward the purchase of replacement securities. If such proceeds are insufficient or the collateral is unavailable, the Lending Agent will purchase replacement securities at its sole expense, or if unable to do so, the Lending Agent may credit to the Fund's account an amount equal to the fair value of the unreturned loaned securities. As the securities loans are subject to termination by the Fund or the borrower at any time, the remaining contractual maturities of each securities lending transaction is considered to be overnight and continuous.

The following table shows the Funds that engaged in securities lending during the period and summarizes the value of equity securities loaned and related cash and non-cash collateral as of April 30, 2023.

	Value of		
	Securities on Loan (000s)	Cash Collateral (000s)	Non-Cash Collateral (000s)
Harbor Diversified International All Cap Fund	\$18.315	\$9.176	\$10,110
Harbor International Fund	23,982	4,158	21,207
Harbor International Core Fund	1,627	_	1,714
Harbor International Small Cap Fund.			

NOTE 4—FEES AND OTHER TRANSACTIONS WITH AFFILIATES

Investment Adviser

Harbor Capital is a wholly owned subsidiary of ORIX Corporation. Harbor Capital is the Funds' investment adviser and is also responsible for administrative and other services.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 4—FEES AND OTHER TRANSACTIONS WITH AFFILIATES—Continued

Each Fund has a separate advisory agreement with Harbor Capital. The agreements provide for management fees based on an annual percentage rate of average daily net assets as follows:

	Contractual Rate	Actual Rate
Harbor Capital Appreciation Fund	0.60% ^a	0.56%
Harbor Convertible Securities Fund.	0.50 ^b	0.58
Harbor Core Bond Fund	0.23	0.23
Harbor Core Plus Fund	0.25	0.25
Harbor Disruptive Innovation Fund	0.70	0.70
Harbor Diversified International All Cap Fund	0.75	0.75
Harbor Global Leaders Fund	0.75°	0.70
Harbor International Fund	0.75 ^d	0.75
Harbor International Core Fund	0.75	0.75
Harbor International Growth Fund	0.75	0.75
Harbor International Small Cap Fund	0.85	0.85
Harbor Large Cap Value Fund	$0.60^{\rm e}$	0.60
Harbor Mid Cap Fund	0.75	0.75
Harbor Mid Cap Value Fund	0.75^{f}	0.75
Harbor Small Cap Growth Fund	0.75	0.75
Harbor Small Cap Value Fund	0.75	0.75

a The Adviser has contractually agreed to reduce the management fee to 0.56% on assets between \$5 billion and \$10 billion, 0.54% on assets between \$10 billion and \$20 billion and 0.53% on assets over \$20 billion through February 29, 2024.

Harbor Capital has from time to time voluntarily or contractually agreed not to impose a portion of its management fees and/or to bear a portion of the expenses incurred in the operation of certain Funds in order to limit Fund expenses. Such waivers, if any, are reflected on the accompanying Statements of Operations. Interest expense, if any, is excluded from contractual limitations. During the period, the following expense limitation agreements were in effect:

	Retirement Class	Institutional Class	Administrative Class	Investor Class	Agreement Expiration Date
Harbor Convertible Securities Fund ¹	0.63%	0.71%	0.96%	1.07%	02/29/2024
Harbor Core Bond Fund	0.26	0.34	N/A	N/A	02/29/2024
Harbor Core Plus Fund	0.30	0.38	0.63	N/A	02/29/2024
Harbor Disruptive Innovation Fund	0.75	0.83	1.08	1.19	02/29/2024
Harbor Diversified International All Cap Fund	0.72	0.80	1.05	1.16	02/29/2024
Harbor Global Leaders Fund	0.78	0.86	1.11	1.22	02/29/2024
Harbor International Fund	0.69	0.77	1.02	1.13	02/29/2024
Harbor International Core Fund	0.77	0.85	1.10	1.21	02/29/2024
Harbor International Growth Fund	0.77	0.85	1.10	1.21	02/29/2024
Harbor International Small Cap Fund	0.88	0.96	1.21	1.32	02/29/2024
Harbor Large Cap Value Fund	0.61	0.69	0.94	1.05	02/29/2024
Harbor Mid Cap Fund	0.80	0.88	1.13	1.24	02/29/2024
Harbor Mid Cap Value Fund	0.77	0.85	1.10	1.21	02/29/2024

¹ The operating expense limitation for the Fund was effective March 1, 2023.

All expense limitation agreements include the transfer agent fee waiver discussed in the Transfer Agent note.

b For the period November 1, 2022 through February 28, 2023, the management fee was 0.65%. In addition, the Adviser contractually agreed to reduce the management fee to 0.60% through February 28, 2023. Effective March 1, 2023, the contractual management fee was reduced to 0.50%.

c The Adviser has contractually agreed to waive 0.05% of its management fee through February 29, 2024.

d The management fee is 0.75% on assets up to \$12 billion and 0.65% on assets in excess of \$12 billion.

The management fee rate is 0.60% on assets up to \$4 billion and 0.55% on assets over \$4 billion.

The Adviser has contractually agreed to reduce the management fee to 0.70% on assets between \$350 million and \$1 billion and 0.65% on assets over \$1 billion through February 29, 2024.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 4—FEES AND OTHER TRANSACTIONS WITH AFFILIATES—Continued

Distributor

Harbor Funds Distributors, Inc. (the "Distributor"), a wholly-owned subsidiary of Harbor Capital, is the distributor for Harbor Funds' shares. Under the Trust's current distribution plan pursuant to Rule 12b-1 under the Investment Company Act with respect to each Fund's Administrative and Investor Class shares (each, a "12b-1 Plan") as applicable, each Fund pays the Distributor compensation at the annual rate of 0.25% of the average daily net assets of its Administrative and Investor Class shares. Pursuant to each 12b-1 Plan, the Distributor is compensated for financing any activity that is primarily intended to result in the sale of Administrative and Investor Class shares of each Fund or for recordkeeping services or the servicing of shareholder accounts in a Administrative and Investor Class shares of each Fund. Such activities include, but are not limited to: printing of prospectuses and statements of additional information and reports for prospective shareholders (i.e., other than existing shareholders); preparation and distribution of advertising material and sales literature; expenses of organizing and conducting sales seminars; supplemental payments to dealers or other institutions such as asset-based sales charges, payments of recordkeeping fees under recordkeeping arrangements, or payments of service fees under shareholder service arrangements; and costs of administering each 12b-1 Plan.

Amounts payable by a Fund under each 12b-1 Plan need not be directly related to the expenses actually incurred by the Distributor on behalf of each Fund. Each 12b-1 Plan does not obligate each Fund to reimburse the Distributor for the actual expenses the Distributor may incur in fulfilling its obligations under each 12b-1 Plan. Thus, even if the Distributor's actual expenses exceed the fee payable to the Distributor at any given time, each Fund will not be obligated to pay more than that fee. If the Distributor's expenses are less than the fee it receives, the Distributor will retain the difference.

The fees attributable to each Fund's respective class are shown on the accompanying Statements of Operations.

Transfer Agent

Harbor Services Group, Inc. ("Harbor Services Group"), a wholly-owned subsidiary of Harbor Capital, is the transfer and shareholder servicing agent for the Funds. The transfer agency and service agreement is reviewed and approved annually by the Board of Trustees and provides currently for compensation up to the following amounts per class of each Fund:

	Transfer Agent Fees
Institutional Class	0.10% of the average daily net assets of all Institutional Class shares 0.10% of the average daily net assets of all Administrative Class shares
	· · · · · · · · · · · · · · · · · · ·

Fees incurred for these transfer agent services are shown on each Fund's Statement of Operations.

Affiliated Transactions

The Investment Company Act permits purchase and sale transactions among affiliated investment companies subject to an exemptive rule. Harbor Funds has adopted policies and procedures pursuant to such rule. During the period, the Funds did not enter into any transactions with any other Harbor fund.

Shareholders

As of April 30, 2023, Harbor Capital and its wholly owned subsidiaries collectively held 10% or more of the following shares of beneficial interest in each of the following Funds:

Number of Shares Owned by

	Harbor Capital and Subsidiaries					
	Retirement Class	Institutional Class	Administrative Class	Investor Class	Total	Percentage of Outstanding Shares
Harbor Convertible Securities Fund	999,388	-	-	-	999,388	25.0%
Harbor International Small Cap Fund	44.612	1.777.322	29.528	29,343	1.880.805	11.0

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 4—FEES AND OTHER TRANSACTIONS WITH AFFILIATES—Continued

Independent Trustees

The fees and expenses of the Independent Trustees are included in "Trustees' fees and expenses" on each Fund's Statement of Operations.

The Board of Trustees has adopted a Deferred Compensation Plan for Independent Trustees (the "Plan"), which enables Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Trust. For purposes of determining the amount owed to a Trustee under the Plan, deferred amounts are treated as though they had been invested in shares of the Fund(s) selected by the Trustee. While not required to do so, each Fund makes an investment equal to the Trustee's investment election. The deferred compensation liability and the offsetting deferred compensation investment asset are included as a component of "Accrued expenses – Trustees' fees and expenses" and "Other assets", respectively, in the Statements of Assets and Liabilities. Such amounts fluctuate with changes in the value of the selected Fund(s). The deferred compensation and related mark-to-market impact liability and an offsetting investment asset will remain on each Fund's Statement of Assets and Liabilities until distributed in accordance with the Plan.

Indemnification

Under the Trust's organizational documents, its officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the Trust. In addition, in the normal course of business the Trust enters into contracts that provide general indemnities to other parties. The Trust's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Trust that have not yet occurred. The risk of material loss as a result of such indemnification claims is considered remote.

NOTE 5—TAX INFORMATION

The identified cost for federal income tax purposes of investments owned by each Fund and its respective gross unrealized appreciation and depreciation as of April 30, 2023 are as follows:

		Gross U	Net Unrealized Appreciation/	
	Identified Cost (000s)	Appreciation (000s)	(Depreciation) (000s)	(Depreciation) (000s)
Harbor Capital Appreciation Fund*	\$12,967,494	\$10,056,882	\$(567,536)	\$9,489,346
Harbor Convertible Securities Fund*	39,292	799	(1,680)	(881)
Harbor Core Bond Fund*	107,831	1,462	(4,363)	(2,901)
Harbor Core Plus Fund*	1,109,793	10,290	(108,226)	(97,936)
Harbor Disruptive Innovation Fund*	86,618	6,524	(13,790)	(7,266)
Harbor Diversified International All Cap Fund*	890,169	176,916	(75,859)	101,057
Harbor Global Leaders Fund	58,144	16,553	(8,563)	7,990
Harbor International Fund*	2,949,484	785,521	(253,958)	531,563
Harbor International Core Fund*	145,878	12,119	(5,622)	6,497
Harbor International Growth Fund*	293,972	111,420	(32,170)	79,250
Harbor International Small Cap Fund	224,000	23,567	(7,005)	16,562
Harbor Large Cap Value Fund	1,340,168	538,704	(50,997)	487,707
Harbor Mid Cap Fund	85,177	8,106	(5,408)	2,698
Harbor Mid Cap Value Fund	251,595	63,055	(42,517)	20,538
Harbor Small Cap Growth Fund*	885,530	152,674	(71,969)	80,705
Harbor Small Cap Value Fund	1,623,485	554,139	(137,602)	416,537

^{*} Capital loss carryforwards are available, which may reduce taxable income from future net realized gain on investments.

NOTE 6—DERIVATIVES

Each Fund's derivative holdings do not qualify for hedge accounting treatment and as such are recorded at current fair value. For a discussion of risks related to these investments please refer to the descriptions of each type of derivative instrument in Note 2— Significant Accounting Policies.

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 6—DERIVATIVES—Continued

Each Fund's derivative instruments outstanding as of the period ended April 30, 2023, if any, as disclosed in the Portfolio of Investments, and the related amounts of net realized and changes in net unrealized gains and losses on derivative instruments during the period as disclosed in the Statement of Operations, are indicators of the volume of derivative activity for each Fund.

Derivative Instruments

As of April 30, 2023, the fair values of derivatives, by primary risk exposure, were reflected in the Statement of Assets and Liabilities as follows:

Equity

Equity

Carrier.

HARBOR DIVERSIFIED INTERNATIONAL ALL CAP FUND

Statement of Assets and Liabilities Caption	Contracts (000s)
Purchased options (rights/warrants)	\$9
HARBOR INTERNATIONAL FUND	
Statement of Assets and Liabilities Caption Purchased options (rights/warrants)	Equity Contracts (000s) \$101
HARBOR INTERNATIONAL SMALL CAP FUND	
Statement of Assets and Liabilities Caption Purchased options (rights/warrants)	Equity Contracts (000s) \$127

Net realized gain/(loss) and the change in net unrealized appreciation / (depreciation) on derivatives, by primary risk exposure, for the period ended April 30, 2023, were:

HARBOR DIVERSIFIED INTERNATIONAL ALL CAP FUND

Change in net unrealized appreciation/(depreciation) on derivatives	Contracts (000s)
Purchased options (rights/warrants)	\$9
HARBOR INTERNATIONAL FUND	Fauity

Net realized gain/(loss) on derivatives	Contracts (000s)
Purchased options (rights/warrants)	\$4
Change in net unrealized appreciation/(depreciation) on derivatives	Equity Contracts (000s)
Purchased options (rights/warrants)	\$64

HARBOR INTERNATIONAL SMALL CAP FUND

Net realized gain/(loss) on derivatives	Contracts (000s)
Purchased options (rights/warrants)	\$127

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 7—SUBSEQUENT EVENTS

At the meeting of the Board of Trustees held on May 22, 2023, the Board of Trustees voted to liquidate and dissolve Harbor Global Leaders Fund. The liquidation of the Fund is expected to occur on August 23, 2023. Additional information related to the liquidation can be found in the supplement to the Fund's prospectus and statement of additional information as filed with the SEC on May 25, 2023.

Effective June 1, 2023, Harbor Capital contractually agreed to limit Harbor International Small Cap Fund's operating expenses, excluding interest expense (if any), to 0.85%, 0.93%, 1.18%, and 1.29% for the Retirement Class, Institutional Class, Administrative Class, and Investor Class, respectively, through May 31, 2024.

Through the date the financial statements were issued, there were no other subsequent events or transactions that would have materially impacted the financial statements or related disclosures as presented herein.

FEES AND EXPENSES EXAMPLE (Unaudited)

Example

As a shareholder of a Fund, you incur two types of costs: (1) transaction costs, including redemption fees (if any) and (2) ongoing costs, including management fees, distribution and service (12b-1) fees (if any), and other Fund expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in a Fund and to compare these costs with the ongoing costs of investing in other mutual funds.

The example is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period November 1, 2022 through April 30, 2023.

Actual Expenses

The first line of the table below provides information about actual account values and actual expenses for each share class. You may use the information in the respective class line, together with the amount you invested, to estimate the expenses that you paid 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 line of the respective class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The second line of the table for each share class below provides information about hypothetical account values and hypothetical expenses based on the respective Fund/Class's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the respective Fund/Class's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in a Fund to 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 transactional costs, such as redemption fees. Therefore, the second line 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 transactional costs were included, your costs would have been higher.

	Annualized Expense Ratios*	Expenses Paid During Period**	Beginning Account Value (November 1, 2022)	Ending Account Value (April 30, 2023)
HARBOR CAPITAL APPRECIATION FUND				
Retirement Class	0.60%			
Actual Hypothetical (5% return)		\$3.17 3.01	\$1,000 1,000	\$1,127.20 1,021.75
Institutional Class	0.68%			
Actual Hypothetical (5% return)		\$3.58 3.41	\$1,000 1,000	\$1,126.90 1,021.34
Administrative Class	0.93%			
Actual Hypothetical (5% return)		\$4.90 4.66	\$1,000 1,000	\$1,125.30 1,020.07
Investor Class	1.04%			
Actual Hypothetical (5% return)		\$5.48 5.21	\$1,000 1,000	\$1,124.80 1,019.51

	Annualized Expense Ratios*	Expenses Paid During Period**	Beginning Account Value (November 1, 2022)	Ending Account Value (April 30, 2023)
HARBOR CONVERTIBLE SECURITIES FUND				
Retirement Class	0.72%			
Actual Hypothetical (5% return)		\$3.58 3.61	\$1,000 1,000	\$1,006.30 1,021.14
Institutional Class	0.80%			
Actual Hypothetical (5% return)		\$3.98 4.01	\$1,000 1,000	\$1,005.70 1,020.73
Administrative Class	0.97%			
Actual Hypothetical (5% return)		\$4.77 4.86	\$1,000 1,000	\$ 985.00 1,019.87
Investor Class	1.14%			
Actual Hypothetical (5% return)		\$5.66 5.71	\$1,000 1,000	\$1,003.20 1,019.00
HARBOR CORE BOND FUND				
Retirement Class	0.26%			
Actual Hypothetical (5% return)		\$1.34 1.30	\$1,000 1,000	\$1,071.60 1,023.47
Institutional Class	0.34%			
Actual Hypothetical (5% return)		\$1.75 1.71	\$1,000 1,000	\$1,071.20 1,023.07
HARBOR CORE PLUS FUND				
Retirement Class	0.30%			
Actual Hypothetical (5% return)		\$1.55 1.50	\$1,000 1,000	\$1,076.40 1,023.27
Institutional Class	0.38%			
Actual Hypothetical (5% return)		\$1.95 1.91	\$1,000 1,000	\$1,076.00 1,022.86
Administrative Class	0.63%			
Actual Hypothetical (5% return)		\$3.24 3.16	\$1,000 1,000	\$1,074.60 1,021.59
HARBOR DISRUPTIVE INNOVATION FUND				
Retirement Class	0.75%			
Actual Hypothetical (5% return)		\$3.84 3.76	\$1,000 1,000	\$1,064.10 1,020.98
Institutional Class	0.83%			
Actual Hypothetical (5% return)		\$4.25 4.16	\$1,000 1,000	\$1,062.50 1,020.58
Administrative Class	1.08%			
Actual Hypothetical (5% return)		\$5.52 5.41	\$1,000 1,000	\$1,060.10 1,019.31
Investor Class	1.19%			
Actual Hypothetical (5% return)		\$6.08 5.96	\$1,000 1,000	\$1,061.20 1,018.75

	Annualized Expense Ratios*	Expenses Paid During Period**	Beginning Account Value (November 1, 2022)	Ending Account Value (April 30, 2023)
HARBOR DIVERSIFIED INTERNATIONAL ALL CAP FUND				
Retirement Class	0.72%			
Actual Hypothetical (5% return)		\$3.97 3.61	\$1,000 1,000	\$1,222.70 1,021.14
Institutional Class	0.80%			
Actual Hypothetical (5% return)		\$4.41 4.01	\$1,000 1,000	\$1,222.70 1,020.73
Administrative Class	1.05%			
Actual Hypothetical (5% return)		\$5.78 5.26	\$1,000 1,000	\$1,220.60 1,019.46
Investor Class	1.16%			
Actual Hypothetical (5% return)		\$6.38 5.81	\$1,000 1,000	\$1,220.20 1,018.90
HARBOR GLOBAL LEADERS FUND				
Retirement Class	0.78%			
Actual Hypothetical (5% return)		\$4.08 3.91	\$1,000 1,000	\$1,109.40 1,020.83
Institutional Class	0.86%			
Actual Hypothetical (5% return)		\$4.49 4.31	\$1,000 1,000	\$1,108.70 1,020.42
Administrative Class	1.11%			
Actual Hypothetical (5% return)		\$5.80 5.56	\$1,000 1,000	\$1,107.80 1,019.15
Investor Class	1.22 %			
Actual Hypothetical (5% return)		\$6.37 6.11	\$1,000 1,000	\$1,107.00 1,018.59
HARBOR INTERNATIONAL FUND				
Retirement Class	0.69%			
Actual Hypothetical (5% return)		\$3.85 3.46	\$1,000 1,000	\$1,254.20 1,021.29
Institutional Class	0.77%			
Actual Hypothetical (5% return)		\$4.30 3.86	\$1,000 1,000	\$1,253.50 1,020.88
Administrative Class	1.02%			
Actual Hypothetical (5% return)		\$5.70 5.11	\$1,000 1,000	\$1,252.10 1,019.61
Investor Class	1.13%			
Actual Hypothetical (5% return)		\$6.30 5.66	\$1,000 1,000	\$1,251.20 1,019.05
HARBOR INTERNATIONAL CORE FUND				
Retirement Class	0.77%	.	A	**
Actual Hypothetical (5% return)		\$4.09 3.86	\$1,000 1,000	\$1,142.10 1,020.88
Institutional Class	0.85%			
Actual Hypothetical (5% return)		\$4.52 4.26	\$1,000 1,000	\$1,141.80 1,020.47
Investor Class	1.21%			
Actual Hypothetical (5% return)		\$6.42 6.06	\$1,000 1,000	\$1,138.90 1,018.65

	Annualized Expense Ratios*	Expenses Paid During Period**	Beginning Account Value (November 1, 2022)	Ending Account Value (April 30, 2023)
HARBOR INTERNATIONAL GROWTH FUND				
Retirement Class	0.77%			
Actual Hypothetical (5% return)		\$4.27 3.86	\$1,000 1,000	\$1,234.30 1,020.88
Institutional Class	0.85%			
Actual Hypothetical (5% return)		\$4.71 4.26	\$1,000 1,000	\$1,232.90 1,020.47
Administrative Class	1.10%			
Actual Hypothetical (5% return)		\$6.08 5.51	\$1,000 1,000	\$1,231.70 1,019.20
Investor Class	1.21%			
Actual Hypothetical (5% return)		\$6.69 6.06	\$1,000 1,000	\$1,230.60 1,018.65
HARBOR INTERNATIONAL SMALL CAP FUND				
Retirement Class	0.88%			
Actual Hypothetical (5% return)		\$4.79 4.41	\$1,000 1,000	\$1,195.40 1,020.32
Institutional Class	0.96%			
Actual Hypothetical (5% return)		\$5.22 4.81	\$1,000 1,000	\$1,194.70 1,019.92
Administrative Class	1.21%			
Actual Hypothetical (5% return)		\$6.58 6.06	\$1,000 1,000	\$1,193.80 1,018.65
Investor Class	1.32%			
Actual Hypothetical (5% return)		\$7.18 6.60	\$1,000 1,000	\$1,192.40 1,018.09
HARBOR LARGE CAP VALUE FUND				
Retirement Class	0.61%		·	
Actual Hypothetical (5% return)		\$3.08 3.06	\$1,000 1,000	\$1,040.80 1,021.69
Institutional Class	0.69%			
Actual Hypothetical (5% return)		\$3.49 3.46	\$1,000 1,000	\$1,040.10 1,021.29
Administrative Class	0.94%			
Actual Hypothetical (5% return)		\$4.75 4.71	\$1,000 1,000	\$1,038.70 1,020.02
Investor Class	1.05%			
Actual Hypothetical (5% return)		\$5.31 5.26	\$1,000 1,000	\$1,037.80 1,019.46
HARBOR MID CAP FUND				
Retirement Class	0.80%			
Actual Hypothetical (5% return)		\$4.03 4.01	\$1,000 1,000	\$1,027.80 1,020.73
Institutional Class	0.88%			
Actual Hypothetical (5% return)		\$4.42 4.41	\$1,000 1,000	\$1,027.60 1,020.32
Investor Class	1.24%			
Actual Hypothetical (5% return)		\$6.23 6.21	\$1,000 1,000	\$1,025.50 1,018.49

	Annualized Expense Ratios*	Expenses Paid During Period**	Beginning Account Value (November 1, 2022)	Ending Account Value (April 30, 2023)
HARBOR MID CAP VALUE FUND		<u> </u>		
Retirement Class	0.77%			
Actual Hypothetical (5% return)		\$3.85 3.86	\$1,000 1,000	\$1,017.70 1,020.88
Institutional Class	0.85%			
Actual Hypothetical (5% return)		\$4.26 4.26	\$1,000 1,000	\$1,017.10 1,020.47
Administrative Class	1.10%			
Actual Hypothetical (5% return)		\$5.49 5.51	\$1,000 1,000	\$1,015.70 1,019.20
Investor Class	1.21%			
Actual Hypothetical (5% return)		\$6.05 6.06	\$1,000 1,000	\$1,015.20 1,018.65
HARBOR SMALL CAP GROWTH FUND				
Retirement Class	0.80%			
Actual Hypothetical (5% return)		\$4.06 4.01	\$1,000 1,000	\$1,042.90 1,020.73
Institutional Class	0.88%			
Actual Hypothetical (5% return)		\$4.45 4.41	\$1,000 1,000	\$1,042.40 1,020.32
Administrative Class	1.13%			
Actual Hypothetical (5% return)		\$5.72 5.66	\$1,000 1,000	\$1,042.10 1,019.05
Investor Class	1.24%			
Actual Hypothetical (5% return)		\$6.28 6.21	\$1,000 1,000	\$1,040.90 1,018.49
HARBOR SMALL CAP VALUE FUND				
Retirement Class	0.80%			
Actual Hypothetical (5% return)		\$3.98 4.01	\$1,000 1,000	\$1,004.20 1,020.73
Institutional Class	0.88%			
Actual Hypothetical (5% return)		\$4.37 4.41	\$1,000 1,000	\$1,003.80 1,020.32
Administrative Class	1.13%			
Actual Hypothetical (5% return)		\$5.61 5.66	\$1,000 1,000	\$1,002.30 1,019.05
Investor Class	1.24%			
Actual Hypothetical (5% return)		\$6.16 6.21	\$1,000 1,000	\$1,002.10 1,018.49

Reflective of all fee waivers and expense reimbursements

Expenses are equal to the Fund's annualized net expense ratio, multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period).

ADDITIONAL INFORMATION (Unaudited)

PROXY VOTING

Harbor Funds has adopted Proxy Voting Policies and Procedures under which proxies relating to securities held by the Harbor funds are voted. In addition, Harbor Funds files Form N-PX, with its complete proxy voting record for the 12 months ended June 30th, no later than August 31st of each year. A description of Harbor Funds' Proxy Voting Policies and Procedures and the proxy voting records (Form N-PX) are available (i) without charge, upon request, by calling Harbor toll-free at 800-422-1050; (ii) on Harbor's website at *harborcapital.com*; and (iii) on the SEC's website at sec.gov.

HOUSEHOLDING

Harbor Funds has adopted a policy that allows it to send only one copy of a Fund's prospectus, proxy materials, annual report and semi-annual report to certain shareholders residing at the same household. This reduces Fund expenses, which benefits you and other shareholders. If you need additional copies or do not want your mailings to be "householded," please call the Shareholder Servicing Agent at 800-422-1050. Individual copies will be sent within thirty (30) days after the Shareholder Servicing Agent receives your instructions. Your consent to householding is considered valid until revoked.

QUARTERLY PORTFOLIO DISCLOSURES

The Funds file a complete portfolio of investments for their first and third fiscal quarters with the SEC as an exhibit to Form N-PORT. The Funds' Form N-PORT exhibit is available (i) without charge, upon request, by calling Harbor toll-free at 800-422-1050, (ii) on Harbor's website at *harborcapital.com*, and (iii) on the SEC's website at sec.gov.

ADVISORY AGREEMENT APPROVALS

The Investment Company Act requires that the Investment Advisory and Subadvisory Agreement(s) of each Fund be approved initially, and following an initial two-year term, at least annually, by the Harbor Funds (the "Trust") Board of Trustees (the "Board" or the "Trustees"), including a majority of the Independent Trustees voting separately.

FACTORS CONSIDERED BY THE TRUSTEES IN APPROVING THE INVESTMENT ADVISORY AGREEMENTS AND SUBADVISORY AGREEMENTS OF THE HARBOR FUNDS

At a meeting of the Board held on February 17-18, 2023 (the "Meeting"), the Board, including the Independent Trustees voting separately, considered and approved the continuation of each Investment Advisory Agreement with Harbor Capital, the adviser to each Fund, and each Subadvisory Agreement with each Fund's subadviser (each, a "Subadviser") with respect to Harbor Capital Appreciation Fund, Harbor Corvertible Securities Fund (Investment Advisory Agreement only), Harbor Core Bond Fund, Harbor Core Plus Fund, Harbor Disruptive Innovation Fund, Harbor Diversified International All Cap Fund, Harbor Global Leaders Fund, Harbor International Fund, Harbor International Core Fund (formerly, Harbor Overseas Fund), Harbor International Growth Fund, Harbor International Small Cap Fund, Harbor Large Cap Value Fund, Harbor Mid Cap Fund, Harbor Mid Cap Value Fund, Harbor Small Cap Growth Fund and Harbor Small Cap Value Fund (each a "Fund" and, collectively, the "Funds"). The Trustees noted that the Subadvisory Agreement for Harbor Convertible Securities Fund was considered and approved for an initial two-year term by the Board on November 13-14, 2022.

In evaluating each Investment Advisory Agreement and each Subadvisory Agreement, the Trustees reviewed materials furnished by Harbor Capital and each Subadviser, including information about their respective affiliates, personnel, and operations, and also relied upon their knowledge of Harbor Capital and the Subadvisers resulting from their quarterly meetings, periodic telephonic meetings and other prior communications. In connection with the Meeting, which had been called for the purpose of considering the continuation of the Investment Advisory Agreements and Subadvisory Agreements, and at prior meetings, the Trustees, including the Independent Trustees, requested and received materials and presentations relating to Fund performance and the services rendered by Harbor Capital and each Subadviser. These materials included a comprehensive written response from Harbor Capital to a 15(c) request letter prepared by legal counsel to the Independent Trustees in consultation with the Independent Trustees. The Trustees also discussed with representatives of Harbor Capital, at the Meeting and at prior meetings, the Trust's operations and Harbor Capital's ability, consistent with the "manager-of-managers" structure of many Harbor funds, to (i) identify and recommend to the Trustees a subadviser for each such Fund, (ii) monitor and oversee the performance and investment capabilities of each subadviser, and (iii) recommend the replacement of a subadviser where appropriate. The Trustees specifically considered Harbor Capital's history as a manager-of-managers, including its history of replacing subadvisers for particular Harbor funds in circumstances in which the Board and Harbor Capital had determined that a change in subadviser

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

was in the best interests of a fund and its shareholders, whether as a result of (i) long-term underperformance not explained by market conditions or market cycles relative to the subadviser's investment style, (ii) prolonged style inconsistency, (iii) material adverse changes in management or personnel, or (iv) other factors, such as if Harbor Capital were to identify another subadviser believed to better serve the shareholders than the existing subadviser.

At the Meeting, the Trustees, including all of the Independent Trustees voting separately, determined, in the exercise of their business judgment, that the terms of each Investment Advisory Agreement and each Subadvisory Agreement were fair and reasonable and approved the continuation for a one-year period of each such Investment Advisory Agreement and Subadvisory Agreement as being in the best interests of each Fund and its shareholders.

In their deliberations, the Independent Trustees had the opportunity to meet privately without representatives of Harbor Capital or any Subadviser present and were represented throughout the process by legal counsel to the Independent Trustees and the Funds.

In considering the approval of each Fund's Investment Advisory Agreement and, as applicable, Subadvisory Agreement, the Board, including the Independent Trustees, evaluated a number of factors it considered relevant to its determination. The Board did not identify any single factor as all-important or controlling, and individual Trustees did not necessarily attribute the same weight or importance to each factor.

Among the factors considered by the Trustees were the following:

- The nature, extent, and quality of the services provided by Harbor Capital and each Subadviser, including the background, education, expertise and experience of the investment professionals of Harbor Capital and each Subadviser providing services to the Funds:
- The favorable history, reputation, qualifications and background of Harbor Capital and each Subadviser, as well as the qualifications of their respective personnel;
- The profitability of Harbor Capital with respect to each Fund, including the effect of revenues of Harbor Services Group, Inc. ("Harbor Services Group"), the Funds' transfer agent, and Harbor Funds Distributors, Inc. ("Harbor Funds Distributors"), the Funds' principal underwriter, on such profitability;
- The fees charged by Harbor Capital and Subadvisers for investment advisory and subadvisory services, respectively, including, in each case, the portion of the fee to be retained by Harbor Capital, after payment of subadvisory fees, for the investment advisory and related services, including investment, business, legal, compliance, trading (in the case of Harbor Disruptive Innovation Fund), financial and administrative services, that Harbor Capital provides;
- The extent to which economies of scale might be realized as each Fund grows, and the extent to which each Fund's advisory fee level reflects any economies of scale for the benefit of Fund investors;
- The fees and expense ratios of each Fund relative to the quality of services provided and the fees and expense ratios of similar investment companies;
- The short- and long-term investment performance of each Fund in comparison to peer groups and certain relevant benchmark indices and Harbor Capital's efforts to address circumstances of underperformance where applicable;
- The compensation received by Harbor Services Group and Harbor Funds Distributors in consideration of the services each provides to the Funds;
- Any "fall out" benefits that might inure to Harbor Capital, the Subadvisers and their respective affiliates as a result of their relationship with the Funds;
- Information received at regular meetings throughout the year related to Fund performance and services rendered by Harbor Capital, as well as each of the Subadvisers, and research arrangements with brokers who execute transactions on behalf of each applicable Subadviser;
- Information contained in materials provided by Harbor Capital and compiled by Broadridge as to the investment returns, advisory fees and total expense ratios of the Institutional Class of each Fund (and, in certain cases, total expense ratios of the Investor Class) relative to those of other investment companies with similar objectives and strategies managed by other investment advisers, consisting both of a peer group of funds as well as a broader universe of funds compiled by Broadridge; and

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

Information contained in materials compiled by Morningstar as to the investment returns of the Institutional Class of
each Fund relative to those of other investment companies with similar objectives and strategies managed by other
investment advisers.

Nature, Extent, and Quality of Services

The Trustees separately considered the nature, extent, and quality of the services provided by Harbor Capital and each Subadviser. In their deliberations as to the approval of each Fund's Investment Advisory Agreement and, as applicable, Subadvisory Agreement(s), the Trustees were mindful of the fact that, by choosing to invest in a Fund, the shareholders had entrusted Harbor Capital with the responsibility, subject to the approval of the Trustees, for selecting each Fund's Subadviser, overseeing and monitoring that Subadviser's performance and replacing the Subadviser if necessary. The Trustees also considered as relevant to their determination the favorable history, reputation, qualifications and background of Harbor Capital and each Subadviser, as well as the qualifications of their respective personnel.

The Adviser's Services. The Board evaluated the nature, extent, and quality of Harbor Capital's services in light of the Board's experience with Harbor Capital, as well as materials provided by Harbor Capital concerning the financial and other resources devoted by Harbor Capital to the Trust, including the breadth and depth of experience and expertise of the investment, accounting, administrative, legal and compliance professionals dedicated to the Trust's operations. The Trustees determined that Harbor Capital has the expertise and resources to manage and operate effectively each Fund.

The Subadvisers' Services. The Trustees' consideration of the services provided by the Subadvisers included a review of each Subadviser's portfolio managers, investment philosophy, style and processes and record of consistency therewith, performance results for different time periods, its approach to controlling risk, and the quality and extent of its investment capabilities and resources, including the nature and extent of research it receives from broker-dealers (to the extent applicable) and other sources. In their deliberations with respect to each applicable Fund, the Trustees considered the history of the Trust's relationship with each Subadviser and the Trust's experience with each Subadviser in this capacity.

The Trustees also considered each Subadviser's breadth and depth of experience and investment results in managing other accounts similar to the respective Fund. The Trustees regularly receive presentations by investment professionals from the Subadvisers. The Trustees reviewed information concerning each Subadviser's historical investment results in managing accounts and/or funds, as applicable, in a manner substantially similar to the relevant Fund.

Investment Performance, Advisory Fees and Expense Ratios

In considering each Fund's performance, advisory fees and expense ratio, the Trustees requested and received from Harbor Capital data compiled by Broadridge and Morningstar. The Trustees also received information explaining the methodology for compilation of certain of this information and what it was intended to demonstrate. The Trustees analyzed the Institutional Class performance of each Fund, the advisory fees of each Fund, and the Institutional Class expenses of each Fund (after giving effect to waivers and/or reimbursements, if applicable, that reduced the fees or expenses of the Fund or its peer funds) and made certain observations and findings as to each Fund as noted below. The Trustees also reviewed certain Investor Class comparative fee and expense information they considered relevant to their deliberations. In evaluating performance, the Trustees recognized that the performance data reflects a snapshot of a period as of a particular date and that selecting a different performance period could produce significantly different results.

Harbor Capital Appreciation Fund. The Trustees considered Harbor Capital Appreciation Fund (inception date December 29, 1987), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one-, three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the fourth, third and third quartile, respectively, for the periods ended December 31, 2022. The Trustees also considered that the Fund had underperformed its primary benchmark, the Russell 1000 ** Growth Index, for the one-, three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of Jennison Associates LLC ("Jennison") in managing assets generally and specifically with respect to the Fund's strategy, noting that Jennison managed approximately \$54 billion in assets in this strategy, out of a firm-wide total of approximately \$164.1 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$21.7 billion, showed that the Fund's contractual management fee was above the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below its

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Convertible Securities Fund. The Trustees considered Harbor Convertible Securities Fund (inception date May 1, 2011), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-year period ended December 31, 2022 and underperformed its Broadridge group and universe medians for the three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the first, third and third quartiles, respectively, for the periods ended December 31, 2022. The Trustees also considered that the Fund had outperformed its benchmark, the ICE Bank of America ("ICE BofA") U.S. Convertible Ex Mandatory Index, for the one-year period ended December 31, 2022, and underperformed its benchmark for the three- and five-year periods ended December 31, 2022. The Trustees noted that BlueCove Limited ("BlueCove") had been appointed the Fund's subadviser for an initial two-year period effective March 1, 2023 and therefore the Fund's performance for the periods shown was not attributable to BlueCove.

The Trustees considered the expertise of BlueCove in managing assets generally and in fixed income securities specifically, noting that BlueCove has a firm-wide total of \$1.6 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$175 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio of the Fund's Institutional Class was below the group median and above the universe median. The Trustees also considered that Harbor Capital had agreed to implement a contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Core Bond Fund. The Trustees considered Harbor Core Bond Fund (inception date June 1, 2018), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-year period ended December 31, 2022, underperformed its Broadridge group medians for the three- and five-year periods ended December 31, 2022 and outperformed its Broadridge universe medians for the three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one- and three-year period rolling returns ranked in the second quartile for the periods ended December 31, 2022. The Trustees also considered that the Fund had underperformed its benchmark, the Bloomberg U.S. Aggregate Bond Index, for the one-year period ended December 31, 2022 and outperformed the benchmark for the three-year and since inception period ended December 31, 2022.

The Trustees considered the expertise of Income Research & Management ("IR+M") in managing assets generally and in the core bond strategy specifically, noting that IR+M managed approximately \$14.4 billion in assets in this strategy, out of a firm-wide total of approximately \$89.0 billion in assets under management as of December 31, 2022. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$75 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio of the Fund's Institutional Class was below the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was negative.

Harbor Core Plus Fund. The Trustees considered Harbor Core Plus Fund (inception date December 29, 1987), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one- and three-year periods ended December 31, 2022, underperformed its Broadridge group median for the five-year period ended December 31, 2022 and outperformed its Broadridge universe median for the five-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second quartile for the periods ended December 31, 2022. The Trustees considered that Harbor Core Plus Fund had underperformed its benchmark, the Bloomberg U.S. Aggregate Bond Index, for the one-year period ended December 31, 2022, and outperformed its benchmark for the three- and five-year periods ended December 31, 2022. The Trustees noted the fact that IR+M had been appointed the Fund's subadviser for an initial two-year term effective February 2, 2022 and therefore the Fund's performance for the periods shown was not wholly attributable to IR+M.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered the expertise of IR+M in managing assets generally and in the core plus strategy specifically, noting that IR+M managed approximately \$1.3 billion in core plus assets out of a firm-wide total of approximately \$89.0 billion in assets under management as of December 31, 2022. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$950 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio of the Fund's Institutional Class was below the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Disruptive Innovation Fund. The Trustees considered Harbor Disruptive Innovation Fund (inception date November 1, 2000), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one-, three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second, third and third quartile, respectively, for the periods ended December 31, 2022. The Trustees also considered that the Fund had underperformed its primary benchmark, the S&P 500 Index, for the one-, three- and five-year periods ended December 31, 2022.

The Trustees noted the fact that 4BIO Partners LLP ("4BIO Capital"), NZS Capital, LLC ("NZS Capital"), Sands Capital Management, LLC ("Sands Capital"), Tekne Capital Management, LLC ("Tekne"), and Westfield Capital Management Company, L.P. ("Westfield Capital") had been appointed as the Fund's subadvisers effective September 1, 2021 and that performance prior to that date is not attributable to 4BIO Capital, NZS Capital, Sands Capital, Tekne, and Westfield Capital. The Trustees further noted that, prior to that date, the Fund was compared to a different benchmark index. The Trustees considered the expertise of 4BIO Capital, NZS Capital, Sands Capital, Tekne, and Westfield Capital in the strategies for which they provide model portfolios.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$125 million, showed that the Fund's contractual management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below its group and universe medians. The Trustees also considered that Harbor Capital had agreed to a contractual fee waiver/expense reimbursement arrangement with the Fund until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was negative.

Harbor Diversified International All Cap Fund. The Trustees considered Harbor Diversified International All Cap Fund (inception date November 2, 2015), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-, three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second quartile for the periods ended December 31, 2022. The Trustees also considered that the Fund had outperformed its benchmark, the MSCI All Country World Ex. U.S. (ND) Index, for the one-, three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of Marathon Asset Management Limited ("Marathon-London") in managing assets generally and in the strategy used with respect to the Fund specifically, noting that Marathon-London managed approximately \$4.3 billion in assets in this strategy, out of a firm-wide total of approximately \$38.5 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$825 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group median and equal to the universe median. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Global Leaders Fund. The Trustees considered Harbor Global Leaders Fund (inception date March 1, 2009), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one- and three-year periods ended December 31, 2022 and outperformed its Broadridge group and universe medians for the five-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the third, fourth, and second quartile, respectively, for the periods ended December 31, 2022. The Trustees considered that the Fund had underperformed its benchmark, the MSCI All Country World (ND) Index, for the one- and three-year periods ended December 31, 2022 and outperformed the benchmark for the five-year period ended December 31, 2022.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered the expertise of Sands Capital in managing assets generally and in the international equity strategy specifically, noting that Sands Capital managed approximately \$3.3 billion in assets in this strategy, out of a firm-wide total of approximately \$38.9 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees noted that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$75 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that the Adviser's profitability in operating the Fund was not excessive.

Harbor International Fund. The Trustees considered Harbor International Fund (inception date December 29, 1987), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one- and three-year periods ended December 31, 2022, underperformed its Broadridge group median for the five-year period ended December 31, 2022 and outperformed its Broadridge universe median for the five-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the first, first and third quartile, respectively, for the periods ended December 31, 2022. The Trustees considered that the Fund had outperformed its benchmark, the MSCI EAFE (ND) Index, for the one- and three-year periods ended December 31, 2022 and underperformed the benchmark for the five-year period ended December 31, 2022.

The Trustees considered the expertise of Marathon-London in managing assets generally and in the strategy used with respect to the Fund specifically, noting that Marathon-London managed approximately \$20.3 billion in this strategy, out of a firm-wide total of approximately \$38.5 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$3.05 billion, showed the Fund's management fee was equal to the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor International Core Fund. The Trustees considered Harbor International Core Fund (formerly, Harbor Overseas Fund; inception date March 1, 2019), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-year, three-year and since inception periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one- and three-year rolling returns ranked in the second and first quartile, respectively, for the periods ended December 31, 2022. The Trustees considered that the Fund had underperformed its benchmark, the MSCI EAFE (ND) Index, for the one-year period ended December 31, 2022, and outperformed its benchmark for the three-year and since inception periods ended December 31, 2022.

The Trustees considered the expertise of Acadian Asset Management LLC ("Acadian") in managing assets generally and in the strategy used with respect to the Fund specifically, noting that Acadian managed approximately \$7.4 billion in assets in this strategy out of a firm-wide total of approximately \$92.8 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$100 million, showed the Fund's management fee was equal to the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group median and above the universe median. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was negative.

Harbor International Growth Fund. The Trustees considered Harbor International Growth Fund (inception date November 1, 1993), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one-, three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the fourth quartile for the periods ended December 31, 2022. The Trustees considered that the Fund had underperformed its benchmark, the MSCI All Country World Ex. U.S. (ND) Index, for the one-, three- and five-year periods ended December 31, 2022. The Trustees noted, however, that based on data for the periods ended January 31, 2023, the Fund had outperformed the benchmark over recent short-term periods (one and three months) and had also outperformed the benchmark for the five-year period.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered the expertise of Baillie Gifford Overseas Limited ("Baillie Gifford") in managing assets generally and in the ACWI ex-US Focus strategy specifically, noting that Baillie Gifford managed approximately \$9.2 billion in assets in this strategy, out of a firm-wide total of approximately \$268.7 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$350 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group median and above the universe median. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that the Adviser's profitability in operating the Fund was not excessive.

Harbor International Small Cap Fund. The Trustees considered Harbor International Small Cap Fund (inception date February 1, 2016), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-, three- and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the first quartile for the periods ended December 31, 2022. The Trustees considered that the Fund had outperformed its benchmark, the MSCI EAFE Small Cap (ND) Index, for the one-, three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of Cedar Street in managing assets generally and in the international small cap strategy specifically, noting that Cedar Street managed approximately \$338.5 million in assets in this strategy out of a firm-wide total of approximately \$399.3 million in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$125 million, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Large Cap Value Fund. The Trustees considered Harbor Large Cap Value Fund (inception date December 29, 1987), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one- and three-year periods ended December 31, 2022 and outperformed its Broadridge group and universe medians for the five-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the fourth, third and second quartile, respectively, for the periods ended December 31, 2022. The Trustees also considered that the Fund had underperformed its benchmark, the Russell 1000® Value Index, for the one-year period ended December 31, 2022 and outperformed the benchmark for the three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of Aristotle Capital Management, LLC ("Aristotle") in managing assets generally and in large cap value strategies specifically, noting that Aristotle managed approximately \$42.5 billion in assets in the value equity strategy used by the Fund, out of a firm-wide total of approximately \$48.6 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$2.125 billion, showed the Fund's management fee was below the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below its group median and above its universe median. The Trustees also considered that Harbor Capital had agreed to continue the Fund's contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that the Adviser's profitability in operating the Fund was not excessive.

Harbor Mid Cap Fund. The Trustees considered Harbor Mid Cap Fund (inception date December 1, 2019), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group and universe medians for the one-year period ended December 31, 2022 and outperformed its Broadridge group and universe medians for the three-year and since inception periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one- and three-year rolling returns ranked in the third and second quartile, respectively, for the period ended December 31, 2022. The Trustees also considered that the Fund had outperformed its benchmark, the Russell Midcap[®] Index, for the one- and three-year periods ended December 31, 2022.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered the expertise of EARNEST Partners LLC ("EARNEST") in managing assets generally and in the mid cap strategy specifically, noting that EARNEST managed approximately \$1.9 billion in assets in this strategy, out of a firm-wide total of approximately \$26.2 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio manager in this strategy, noting that he is the founder of EARNEST.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$100 million, showed the Fund's management fee was above the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group median and above the universe median. The Trustees also considered that Harbor Capital had agreed to continue the Fund's contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Mid Cap Value Fund. The Trustees considered Harbor Mid Cap Value Fund (inception date March 1, 2002), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one-year period ended December 31, 2022 and underperformed its Broadridge group and universe medians for the three-and five-year periods ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second, third and fourth quartile, respectively, for the periods ended December 31, 2022. The Trustees considered that the Fund had outperformed its benchmark, the Russell Midcap® Value Index, for the one-year period ended December 31, 2022 and underperformed the benchmark for three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of LSV Asset Management ("LSV") in managing assets generally and in the mid cap value strategy specifically, noting that LSV managed approximately \$1.5 billion in assets in this strategy, out of a firm-wide total of approximately \$91.3 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy, noting that one of the portfolio managers was a founding partner of LSV.

The Trustees noted that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$325 million, showed the Fund's management fee was equal to the group median for the Institutional Class. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was above the group and universe medians. The Trustees also considered that Harbor Capital had agreed to continue the Fund's existing contractual fee waiver/expense reimbursement arrangement until at least February 29, 2024. The Trustees noted that the Adviser's profitability in operating the Fund was not excessive.

Harbor Small Cap Growth Fund. The Trustees considered Harbor Small Cap Growth Fund (inception date November 1, 2000), noting that, according to the Broadridge report, the Fund's Institutional Class had outperformed its Broadridge group and universe medians for the one- and five-year periods ended December 31 2022, underperformed its Broadridge group median for the three-year period ended December 31, 2022 and outperformed its Broadridge universe median for the three-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second quartile for the periods ended December 31, 2022. The Trustees also considered that the Fund had outperformed its benchmark, the Russell 2000 Growth Index, for the one-, three- and five-year periods ended December 31, 2022.

The Trustees considered the expertise of Westfield Capital in managing assets generally and in the small cap growth strategy specifically, noting that Westfield Capital managed approximately \$1.8 billion in assets in this strategy, out of a firm-wide total of approximately \$13.3 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio managers in this strategy.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$925 million, showed the Fund's contractual management fee was below the group median for the Institutional Class. The Broadridge data also showed that the Fund's actual total expense ratio for the Fund's Institutional Class was below the group and universe medians. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

Harbor Small Cap Value Fund. The Trustees considered Harbor Small Cap Value Fund (inception date December 14, 2001), noting that, according to the Broadridge report, the Fund's Institutional Class had underperformed its Broadridge group median for the one-year period ended December 31, 2022, matched its Broadridge universe median for the one-year period ended December 31, 2022, underperformed its Broadridge group and universe medians for the three-year period ended December 31, 2022, and outperformed its Broadridge group and universe medians for the five-year period ended December 31, 2022. The Morningstar data presented showed that the Fund's one-, three- and five-year rolling returns ranked in the second, third and second quartile, respectively, for the periods ended December 31, 2022. The Trustees also considered that the Fund outperformed its benchmark, the Russell 2000 Value Index, for the one-, three- and five-year periods ended December 31, 2022.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered the expertise of EARNEST in managing assets generally and in the small cap value strategy specifically, noting that EARNEST managed approximately \$5.8 billion in assets in this strategy, out of a firm-wide total of approximately \$26.2 billion in assets under management. The Trustees also noted the experience of the Fund's portfolio manager in this strategy, noting that he is the founder of EARNEST.

The Trustees observed that the Broadridge comparison of contractual management fees for the Fund's expense group, assuming an asset level of \$2.15 billion, showed the Fund's management fee was below the group median. The Broadridge data also showed that the actual total expense ratio for the Fund's Institutional Class was below the group and universe median expense ratios. The Trustees noted that Harbor Capital's profitability in operating the Fund was not excessive.

The Trustees also separately considered the allocation between Harbor Capital and each Subadviser of the relevant Fund's investment advisory fee (i.e., the amount of the advisory fee retained by Harbor Capital relative to that paid to the relevant Subadviser as a subadvisory fee). They determined in each case that the allocation was reasonable and the product of arm's length negotiation between Harbor Capital and the Subadviser.

Profitability

The Trustees also considered Harbor Capital's profitability in operating each of the Funds (as well as on a fund complex-wide basis) as presented by Harbor Capital, and the allocation methodology used by Harbor Capital to compute such profitability. The Trustees concluded that the allocation methodology was reasonable and that a reasonable level of profitability was important to provide suitable incentives for Harbor Capital to continue to attract and maintain high-quality personnel and to invest in infrastructure and other resources to support and enhance the Funds' operations. In considering Harbor Capital's profitability generally, the Trustees also reviewed the compensation received by Harbor Services Group and Harbor Funds Distributors in consideration of the transfer agency and distribution services, respectively, that are provided to the Funds and any other benefits enjoyed by Harbor Capital and its affiliates as a result of their relationship with the Funds.

The Trustees also considered that profitability calculations with respect to advisory, transfer agency and distribution operations vary significantly depending on whether revenues on which the calculation is based are taken gross or net of amounts paid to third parties, such as subadvisory fee expenses and certain transfer agency expenses, and noted that subadvisory fee expenses are a direct expense of Harbor Capital. The Trustees also noted that Harbor Capital was, in certain cases, waiving a portion of its advisory fee and/or paying or reimbursing a portion of Fund expenses. The Trustees determined that Harbor Capital's profitability in operating each Fund was not excessive.

Economies of Scale

The Trustees also considered the extent to which economies of scale might be realized as each Fund grows, and the extent to which each Fund's advisory fee level reflects these economies of scale for the benefit of Fund investors. The Trustees specifically considered whether any advisory fee reduction "breakpoints" should be added to the advisory fee payable by any Fund. As noted above, the Trustees concluded that Harbor Capital's profitability in each case was not excessive. They concluded that the Funds' fee structures reflected economies of scale to date and that the addition of breakpoints in these fee structures was not required at the present time. The Trustees noted they intend to monitor each Fund's asset growth in connection with future reviews of each Fund's Investment Advisory Agreement to determine whether breakpoints may be appropriate at such time.

FACTORS CONSIDERED BY THE TRUSTEES IN APPROVING THE INVESTMENT ADVISORY AGREEMENT AND SUBADVISORY AGREEMENT OF HARBOR CONVERTIBLE SECURITIES FUND

At a meeting of the Board held on November 13-14, 2022 (the "Meeting"), the Board approved the subadvisory agreement among Harbor Capital, the Trust on behalf of Harbor Convertible Securities Fund (the "Fund") and BlueCove Limited ("BlueCove"). As a result, BlueCove replaced Shenkman Capital Management, Inc. ("Shenkman") as subadviser to the Fund.

At the Meeting, the Board, including the Independent Trustees voting separately, unanimously determined, in the exercise of their business judgment, that it was in the best interests of the Fund and its shareholders for Shenkman to be replaced by BlueCove as subadviser to the Fund and that the terms of the new subadvisory agreement among the Trust, on behalf of the Fund, Harbor Capital and BlueCove were fair and reasonable. Accordingly, the Trustees approved the new subadvisory agreement for an initial two-year term. In their deliberations, the Independent Trustees had the opportunity to meet privately without representatives of Harbor Capital or BlueCove present and were represented throughout the process by legal counsel to the Independent Trustees and the Fund.

In connection with their approval of these changes, the Trustees also approved an amended and restated investment advisory agreement between Harbor Capital and the Trust, on behalf of the Fund, to lower the contractual fee rate payable to Harbor Capital thereunder.

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

The Trustees considered that, given the lack of a reasonable, viable commercial growth path for the Fund, Harbor Capital determined that a change in subadviser would better enable the Fund to fulfill Harbor Capital's goal of offering a vibrant, competitively priced, actively managed fund that could serve shareholders over the long term and gain additional traction in the marketplace. Harbor Capital believes that the hiring of BlueCove offers the Fund and its shareholders the opportunity for attractive risk-adjusted returns over the long term. Furthermore, Harbor Capital believes that BlueCove's record as a strong partner to Harbor Capital would place the Fund in a better position to continue to grow and remain viable for shareholders over the long term.

In considering potential replacement subadvisers, Harbor Capital conducted research on asset managers across the fixed income universe and also relied on knowledge built from its ongoing monitoring of BlueCove, as an existing subadviser to certain series of Harbor ETF Trust, and other comparable managers. That research led to the identification of BlueCove as a firm in which Harbor Capital has a high degree of investment conviction. Harbor Capital believes that BlueCove will provide the investment approach needed to help the Fund become both sustainable and vibrant over the long term. At the Meeting, the Trustees received presentations by (i) Harbor Capital regarding its recommendation, and (ii) BlueCove regarding the firm's experience, investment philosophy and process, operational and trading capabilities, and BlueCove's proposed approach to managing the Fund's assets, among other things.

In determining whether to approve the new subadvisory agreement, the Trustees reviewed materials furnished by Harbor Capital and BlueCove, including information regarding BlueCove, its investment philosophy and strategies, past performance, financial condition, operational capabilities and personnel. The Trustees also took into account their knowledge of BlueCove resulting from its role as subadviser to Harbor Scientific Alpha Income ETF and Harbor Scientific Alpha High-Yield ETF, and they considered Harbor Capital's rationale for its recommendation to appoint BlueCove to succeed Shenkman as the Fund's subadviser.

The Trustees considered that, in recommending BlueCove, Harbor Capital had conducted a search for a fixed income investment adviser and believed BlueCove had the potential to add value for the Fund's shareholders.

Specific Factors

In considering the approval of the new subadvisory agreement, the Board, including the Independent Trustees, evaluated a number of factors relevant to their determination. They did not identify any single factor as all-important or controlling, and individual Trustees did not necessarily attribute the same weight or importance to each factor.

Among the factors considered by the Trustees in approving the new subadvisory agreement were the following:

The nature, extent, and quality of the services proposed to be provided by BlueCove, including the background, education, expertise and experience of the investment professionals of BlueCove who would provide investment management services to the Fund;

The favorable history, reputation, qualifications and background of BlueCove, as well as the reputations, qualifications and background of BlueCove's personnel;

The proposed fee to be charged by BlueCove to Harbor Capital for subadvisory services, including the impact of any differences between the current and proposed subadvisory fees on the portion of the advisory fee to be retained by Harbor Capital, after payment of BlueCove's fee, for the subadviser oversight, administration and manager-of-managers services Harbor Capital provides;

That Harbor Capital had agreed to reduce its contractual management fee rate;

The analysis of backtested investment performance of BlueCove in the style to be utilized in managing the Fund relative to the performance of the Fund under Shenkman;

The expected impact of the implementation of the subadvisory agreement and the new investment advisory agreement on the profitability of Harbor Capital with respect to the Fund;

Any "fall out" benefits that might inure to Harbor Capital, BlueCove and their affiliates as a result of the implementation of the new subadvisory agreement; and

The desire to continue to offer to Fund shareholders exposure to the convertible securities asset class through a fund that is competitively priced and viable over the long term.

The Trustees considered the nature, extent and quality of the services proposed to be provided by BlueCove in relation to the services provided by Shenkman since the inception of the Fund on May 1, 2011. In their deliberations, the Trustees were mindful of the fact that, by choosing to invest in the Fund, the Fund's shareholders entrusted Harbor Capital with the responsibility,

ADDITIONAL INFORMATION—Continued

ADVISORY AGREEMENT APPROVALS—Continued

subject to the approval of the Trustees, for selecting the Fund's subadviser, overseeing and monitoring that subadviser's performance and replacing the subadviser if necessary. The Trustees also considered as relevant to their determination the depth, knowledge and experience level of the investment team, the quality of the investment process and the culture of BlueCove.

The Board considered the potential tax and financial impacts of liquidating portfolio holdings and realizing gains and incurring brokerage costs in transitioning the portfolio, and potential options for mitigating the tax consequences to Fund shareholders. The Trustees evaluated the tax ramifications of a subadviser change with respect to the estimated level of net realized and unrealized losses in the portfolio following the portfolio transition based on certain assumptions with respect to the market value of the portfolio securities and expected redemptions in the portfolio. The Board considered the portfolio holdings that will likely be replaced as a result of the proposed engagement of BlueCove.

The Trustees also discussed other potential options for the Fund.

Subadvisory Fee. In considering the proposed subadvisory fee payable to BlueCove pursuant to the new subadvisory agreement, the Trustees compared the proposed fee to the fee payable to Shenkman under the prior subadvisory agreement. The Trustees noted that, based on the Fund's assets as of September 30, 2022, the effective aggregate annual fee rate for the Fund under the prior subadvisory agreement with Shenkman was higher than the effective annual fee rate to be paid by Harbor Capital under the new subadvisory agreement with BlueCove. The Trustees also considered that the reduction in subadvisory fee will enable Harbor Capital to, effective March 1, 2023, reduce the Fund's contractual management fee rate, which will result in a reduction in the Fund's net expense ratios.

Advisory Agreement. The Trustees considered that, although they were being asked to approve an amended investment advisory agreement for the Fund to implement an advisory fee reduction, the Trustees would nonetheless have the opportunity to perform a full review of the agreement in connection with their annual review of investment advisory agreements, at which time the Trustees would consider the nature, extent and quality of services provided; investment performance; advisory fees and expense ratios; profitability; any "fall out" benefits; and economies of scale.

As a result of these deliberations, the Trustees agreed that the Fund's prior subadvisory agreement should be terminated and voted to approve the new subadvisory agreement with BlueCove for the Fund as well as the amended and restated investment advisory agreement.

REVIEW OF LIQUDITY RISK MANAGEMENT PROGRAM

The Trust has adopted pursuant to Rule 22e-4 under the Investment Company Act ("Rule 22e-4") a Liquidity Risk Management Program (the "Program") for the Funds. The Board has designated a committee of Harbor Capital employees as the Program Administrator.

The Program is designed to assess and manage each Fund's liquidity risk. For purposes of Rule 22e-4, "liquidity risk" is defined as the risk that a Fund is unable to satisfy redemption requests without significantly diluting remaining investors' interests in the Fund. Components of the Program include: (i) periodic assessment of each Fund's liquidity risk based on certain factors; (ii) classification of each Fund's holdings into one of four liquidity categories (Highly Liquid, Moderately Liquid, Less Liquid and Illiquid) that reflect an estimate of liquidity under current market conditions; (iii) to the extent a Fund does not invest primarily in Highly Liquid investments, establishment of an appropriate Highly Liquid Investment Minimum ("HLIM") (as defined in Rule 22e-4) for such Fund and ongoing monitoring of the Fund's net assets to assess compliance with the Fund's HLIM; (iv) a limit on the ability of a Fund to acquire illiquid investments in excess of 15% of the Fund's net assets; and (v) periodic reporting to the Board.

At a meeting held on November 10, 2022, the Board of Trustees reviewed the operation and effectiveness of the Program for the period beginning October 1, 2021 and ending September 30, 2022 (the "period"). At the November 10, 2022 meeting, the Board reviewed a report prepared by, and received a presentation from, the Program Administrator regarding the operation of the Program, its adequacy, and the effectiveness of its implementation during the period. The Program Administrator's report included, among other things, a review of: (i) the operation of the Program overall during the period; (ii) the activities conducted by the Program Administrator with respect to the Program; (iii) the level of portfolio investments classified into each of the four liquidity categories and the services provided by the third-party vendor engaged by the Trust to facilitate such classification with respect to certain of the Funds; and (iv) the most recent liquidity risk assessment for the Funds conducted by the Program Administrator in accordance with Rule 22e-4. Based upon its review, the Program Administrator determined that the Program was adequate and effective in facilitating the Funds' compliance with Rule 22e-4 during the period.

