

Harbor Overseas Fund

Acadian Asset Management LLC

Subadvisor Since 03/01/2019

Total Net Assets - All Classes	\$109,805,277
Equity Assets:	98.12%
Cash & Other Assets Less Liabilities:	1.88%
Benchmark Name:	MSCI EAFE (ND) Index

Portfolio Managers



Brendan O. Bradley, Ph.D. Ryan D. Taliaferro, Ph.D.

Investment Philosophy

The Fund invests at least 80% of its assets in a diversified portfolio of non-U.S. equity securities. It invests primarily in the stocks of foreign companies located in developed markets, but it may also invest up to 15% of its assets in the securities of companies located in emerging markets. The Fund invests in stocks across the market capitalization spectrum. The Subadvisor manages the fund using an active, quantitative investment strategy. In selecting investments for the Fund, the Subadvisor forecasts expected returns for individual securities relative to global equity markets using a range of quantitative factors, including: valuation, earnings, quality, price patterns, economic data, and risk. The Subadvisor emphasizes those factors that it believes will prove most effective in predicting returns.

CHARACTERISTICS & ALLOCATION

As of 12/31/2022

Portfolio Characteristics		
	Portfolio	Benchmark
Number of Holdings	590	796
Wtd Avg Market Cap (\$Mil)	46,853.20	76,693.10
Med Cap - # Stocks (\$Mil)	553.00	11,843.00
Price/Book Ratio	2.13	2.11
Adjusted Trailing P/E Ratio	11.60	16.40
% EPS Growth - Past 3 Yr	23.30	10.20
Return on Equity (%)	16.11	13.29
Beta vs. Fund Benchmark	0.96	
Forecasted P/E Ratio	12.80	15.00

Top 10 Holdings		
	Portfolio %	Benchmark %
Roche Holding Ltd Divid	2.98	1.55
Novo Nordisk A/S Class	2.64	1.57
Novartis AG	2.61	1.37
BHP Group Ltd	2.12	1.10
RELX PLC	1.61	0.37
Australia & New Zealand	1.60	0.00
BP p.l.c. Sponsored ADR	1.59	0.00
ENGIE SA.	1.52	0.18
Dai-ichi Life Holdingsl	1.43	0.16
Industria de Diseno Tex	1.43	0.20
Total	19.53	6.50

Top 10 Industries		
	Portfolio %	Benchmark %
Pharmaceuticals	13.07	9.56
Oil Gas & Consumables	9.45	4.89
Metals & Mining	8.61	3.78
Insurance	6.52	5.50
Banks	4.97	9.74
Beverages	4.15	2.16
Professional Services	3.75	1.55
Chemicals	3.56	3.04
Capital Markets	3.28	2.67
Marine	3.09	0.39
Total	60.45	43.28

Economic Sectors		
	Portfolio %	Benchmark %
Health Care	17.64	13.57
Financials	16.47	18.67
Industrials	14.65	15.08
Materials	12.59	7.81
Energy	9.80	4.95
Information Technology	9.38	7.81
Consumer Staples	6.79	10.48
Consumer Discretionary	5.48	11.15
Utilities	2.87	3.47
Real Estate	1.75	2.67
Communication Services	0.70	4.47

Top 10 Countries		
	Portfolio %	Benchmark %
Japan	15.75	21.96
Australia	12.10	7.98
United Kingdom	9.14	15.28
Germany	8.55	8.18
Switzerland	8.03	10.15
France	6.90	11.85
Denmark	6.41	2.98
Netherlands	5.15	4.25
Canada	4.66	0.00
Norway	3.49	0.79
Total	80.18	83.42
Emerging Markets	6.86	0.00

Market Capitalization		
		Portfolio %
Large	Above 25.0B	40.48
	10.0B - 25.0B	25.44
Mid	5.0B - 10.0B	11.89
	1.0B - 5.0B	12.68
Small	0.0 - 1.0B	9.51



Average Annual Returns

Share Class	Ticker	CUSIP	3 Months	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.	Since Inception	Inception Date	Net Expense Ratio %	Gross Expense Ratio %
Institutional	HAOSX	411512163	15.29%	-15.22%	-15.22%	4.62%	N/A	N/A	6.03%	03/01/19	0.85	1.27
Investor	HAONX	411512130	15.22%	-15.52%	-15.52%	4.24%	N/A	N/A	5.64%	03/01/19	1.21	1.63
Retirement	HAORX	411512155	15.45%	-15.10%	-15.10%	4.72%	N/A	N/A	6.12%	03/01/19	0.77	1.19
MSCI EAFE (ND) Index			17.34%	-14.45%	-14.45%	0.87%	N/A	N/A	3.61%	03/01/19		

MANAGER COMMENTARY

As of 12/31/2022

“Central banks seem biased toward further tightening, and there is risk they may overshoot. Recession anxiety has grown globally.”

Acadian Asset Management LLC

Market in Review

Global equities gained in the fourth quarter of 2022 after rallying in October and November, and selling off in December. In a familiar pattern, both developed and emerging markets outperformed during the quarter. Stocks advanced on cooling inflation, a robust job market, and weakness in the U.S. dollar. Hopes of a slowdown in the pace of rate hikes by the U.S. Federal Reserve (“Fed”) also boosted investor sentiment. Indeed, major central banks across the world eased rate increases. Meanwhile, eurozone inflation softened on declining energy prices.

Although global inflation appears to have cooled, it still remains high, and future rate hikes by major central banks remain a possibility. Fed Chair Jerome Powell made clear that the central bank’s current stance helped curb inflation to an extent; however, rate hikes are likely to continue until overall inflation decreases significantly. Meanwhile, the European Central Bank (“ECB”) also hinted at further rate hikes to rein in inflation. The ECB also plans to trim its balance sheet by 15 billion euros every month, beginning in March of this year, through the end of the second quarter.

Portfolio Performance

During the fourth quarter, the Harbor Overseas Fund (Institutional Class, “Fund”) returned 15.29%, underperforming its benchmark, the MSCI EAFE (ND) Index, which returned 17.34%.

Key sources of positive, active return included a combination of stock selection and an underweight position in the United Kingdom, a combination of stock selection and an underweight position in Japan, and an overweight position in Denmark. Both stock selection and allocation effects within countries detracted from returns. Key sources of negative, active return included a combination of stock selection and an overweight position in Australia, stock selection in the Netherlands, and stock selection in Germany.

Expense ratio information is as of the Fund’s current prospectus, as supplemented. Gross expenses are the Fund’s total annual operating expenses. The net expense ratios for this fund are subject to a contractual management fee waiver and/or expense limitation agreement, excluding interest expense and acquired fund fees and expenses (if any), through 02/28/2023.

Performance data shown represents past performance and is no guarantee of future results. Past performance is net of management fees and expenses and reflects reinvested dividends and distributions. Past performance reflects the beneficial effect of any expense waivers or reimbursements, without which returns would have been lower. Investment returns and principal value will fluctuate and when redeemed may be worth more or less than their original cost. Returns for periods less than one year are not annualized. Current performance may be higher or lower and is available through the most recent month end at harborcapital.com or by calling 800-422-1050.



From a sector perspective, contributors included a combination of stock selection and an underweight position in Consumer Discretionary, and an underweight position in Communication Services. Key sources of negative, active return included a combination of stock selection and an underweight position in Financials, an overweight position in Information Technology, and stock selection in Industrials.

During the quarter, Acadian's alpha model contributed positively to active returns. Our proprietary value and technical signals were the primary drivers of contributions. Quality, growth, peer, and top-down signals detracted modestly during the quarter.

Contributors & Detractors

During the quarter, our proprietary forecast for Dai-ichi Life Holdings showed attractive characteristics across value, growth, and technical signals within our bottom-up stock selection model. Furthermore, our proprietary top-down model also contributed to alpha and Fund returns. Our overweight position in this stock was beneficial as it was up 43% during the quarter.

Regarding Roche Holding, we were overweight based on our bottom-up stock selection model, which was showing favorable signals across the board, with the exception of growth characteristics. Our proprietary peer model and top-down model also contributed to alpha scores. However, the stock was down by 4% during the quarter, which proved costly to active portfolio returns.

Buys & Sells

During the quarter, we established a position in Adaptimmune Therapeutics, a U.K.-based company that develops new cancer immunotherapy products. At the time of purchase, the stock showed a strong alpha signal, and our models contributed positively to total alpha value.

Purchase decisions are made in conjunction with sell decisions; the process is completely objective, automated, and driven by changes in expected returns. After computing the forecast returns, the investment process ranks all securities in Acadian's universe, determining the most attractive securities to buy for the Fund based on the client's specific risk profile and investment guidelines, as well as transactional and trading liquidity considerations. For a stock to be purchased, it must have a more attractive alpha forecast or diversification properties (including a hurdle for estimated transaction costs) than an existing holding and other potential holdings. Essentially, if a stock is more attractive than an existing holding, allowing for the transaction costs of both the sell and the buy, it will be bought.

We sold Nippon Telegraph and Telephone during the quarter. At the time of sale, our bottom-up stock selection model and our value and quality signals were negative. Meanwhile, our growth, momentum, and technical signals contributed slightly to alpha scores. Our top-down and peer models detracted from the stock's forecast.

We will automatically sell a stock if its expected return deteriorates to the point where it can be replaced by a more attractive stock that plays an equally useful or more attractive role in the Fund. Importantly, since markets are not frictionless, the expected excess return of any stock added to the Fund must more than cover the expected transaction costs of selling the original position and buying the new stock.



Country Allocations

Country and sector weights for the Fund are a product of the bottom-up stock selection process, combined with the risk controls in the optimization process. Bottom-up stock selection continued to drive the Fund. During the quarter, relative to the benchmark, the Fund saw proportionately more assets flow into Switzerland, France, and Norway. Negative asset flow was seen in the Netherlands, Denmark, and Hong Kong.

As of quarter-end, in terms of country positioning, the largest overweight positions were in Australia and Japan. The Fund had notable opportunistic exposure to Canada. The biggest underweight positions were in Peru, Finland, and the Philippines.

Outlook

The global economy appears likely to slow in 2023, as inflation remains high, energy markets are disrupted, and household income growth is soft. The Organization for Economic Co-operation and Development (“OECD”) forecasts that global growth will fall to 2.2% in 2023 before rebounding to 2.7% in 2024. Central banks seem biased toward further tightening, and there is risk they may overshoot. Recession anxiety has grown globally. The Bank of England has perhaps been the bluntest voice. It warned that the U.K. may face a lengthy recession, lasting until 2024. The central bank blamed a combination of high energy prices and rising rates. As for the U.S., Fed Chair Powell has been clear that the Fed wants growth to slow for a time so inflation can subside. In China, protests broke out, prompted by frustration at the country’s zero-COVID-19 policy. Perhaps in response, China began lifting some of its pandemic restrictions in December. Investors are keen to see whether reopening will be robust and decisive, or whether future outbreaks will slow the pace of reopening. The U.S. dollar weakened by 10% relative to global currencies during the fourth quarter, perhaps offering some relief to emerging markets burdened by the greenback’s strength. Oil prices rose at the beginning of the quarter but then declined to close out the year little changed. The OECD calculates that fully 17.7% of members’ GDP is being spent on energy—a level not seen since the 1979–80 oil shock. By comparison, the 2019 outlay on energy was 10.2% of GDP.



Best & Worst Performers

Best Performers	Average Weight %	Return %
Investec plc	0.47	61.56
Dai-ichi Life HoldingsInc.	1.18	43.30
Finning International Inc.	0.46	41.36
OMV AG	0.51	40.22
Stelco Holdings Inc.	0.29	38.29

Worst Performers	Average Weight %	Return %
Atlassian Corp Class A	0.34	-41.45
Pilbara Minerals Limited	0.58	-13.26
Brother Industries Ltd.	0.32	-11.61
JBS S.A.	0.36	-6.57
PT Adaro Energy Indonesia Tbk	0.35	-4.90

Contributors & Detractors

Greatest Contributors	Return %	Contribution to Return %
Novo Nordisk A/S Class B	34.19	0.76
BHP Group Ltd	24.94	0.49
Dai-ichi Life HoldingsInc.	43.30	0.47
Novartis AG	17.73	0.39
Genmab A/S	30.17	0.37
Total		2.48

Greatest Detractors	Return %	Contribution to Return %
Atlassian Corp Class A	-41.45	-0.22
Roche Holding Ltd Dividend Right Cert.	-4.45	-0.14
Allkem Limited	-22.54	-0.12
Pilbara Minerals Limited	-13.26	-0.06
Brother Industries Ltd.	-11.61	-0.04
Total		-0.58

Performance data shown represents past performance and is no guarantee of future results. Past performance is net of management fees and expenses and reflects reinvested dividends and distributions. Past performance reflects the beneficial effect of any expense waivers or reimbursements, without which returns would have been lower. Investment returns and principal value will fluctuate and when redeemed may be worth more or less than their original cost. Returns for periods less than one year are not annualized. Current performance may be higher or lower and is available through the most recent month end at harborcapital.com or by calling 800-422-1050.



Quarterly Attribution:
Harbor Overseas Fund vs MSCI EAFE (ND) Index

Performance

	Portfolio	Benchmark	Active
Return Ex Currency	7.62	8.72	-1.10
Currency Contribution	7.19	8.62	-1.43
Total Return	14.81	17.34	-2.53

Sector Attribution	Average Weight			Total Return			Contribution to Return		Attribution Analysis		
	Port. Avg. Wgt.	Bench. Avg. Wgt.	Variation in Avg. Wgt.	Port. Total Return	Bench. Total Return	Variation in Total Return	Port. Contribution To Return	Bench. Contribution To Return	Allocation Effect	Selection Effect	Total Effect
	Consumer Staples	6.98	10.66	-3.68	13.69	10.63	3.06	0.95	1.13	0.26	0.23
Health Care	17.94	13.60	4.34	15.49	14.19	1.30	2.77	1.94	-0.12	0.24	0.12
Communication Services	1.72	4.58	-2.86	8.70	10.05	-1.35	0.13	0.49	0.19	-0.11	0.08
Utilities	2.75	3.37	-0.62	22.41	19.43	2.98	0.57	0.64	-0.02	0.07	0.06
Consumer Discretionary	4.60	11.20	-6.60	19.46	17.82	1.64	0.75	2.01	-0.07	0.09	0.02
Real Estate	2.40	2.63	-0.23	8.96	11.03	-2.07	0.22	0.27	-0.04	-0.02	-0.05
Materials	12.39	7.63	4.76	17.56	20.75	-3.19	2.14	1.53	0.16	-0.38	-0.22
Energy	9.82	5.05	4.77	14.75	19.78	-5.03	1.48	1.03	0.17	-0.51	-0.34
Industrials	15.26	15.24	0.02	16.47	19.02	-2.55	2.52	2.92	0.02	-0.43	-0.41
Information Technology	8.32	8.11	0.21	4.33	14.90	-10.57	0.34	1.26	-0.08	-0.79	-0.87
Financials	15.56	17.93	-2.37	18.91	23.91	-5.00	2.85	4.12	-0.13	-0.78	-0.91
Total	100.00	100.00	0.00	14.81	17.34	-2.53	14.81	17.34	-0.15	-2.38	-2.53



Quarterly Attribution:
Harbor Overseas Fund vs MSCI EAFE (ND) Index

Country Attribution

	Average Weight			Total Return			Contribution to Return		Attribution Analysis		
	Port. Avg. Wgt.	Bench. Avg. Wgt.	Variation in Avg. Wgt.	Port. Total Return	Bench. Total Return	Variation in Total Return	Port. Contribution To Return	Bench. Contribution To Return	Allocation Effect	Selection Effect	Total Effect
United Kingdom	8.98	15.43	-6.45	23.17	16.98	6.19	1.98	2.66	0.03	0.55	0.58
Japan	15.88	22.10	-6.22	13.56	13.23	0.33	2.07	2.87	0.27	0.03	0.30
Denmark	6.62	2.78	3.84	27.38	31.60	-4.22	1.72	0.81	0.52	-0.23	0.29
Austria	0.87	0.18	0.69	37.53	31.07	6.46	0.30	0.05	0.09	0.05	0.14
Canada	4.77	0.00	4.77	18.71	0.00	18.71	0.95	0.00	0.11	0.00	0.11
Poland	0.45	0.00	0.45	41.88	0.00	41.88	0.18	0.00	0.11	0.00	0.11
Singapore	0.71	1.50	-0.79	8.91	10.46	-1.55	0.05	0.14	0.06	-0.01	0.06
Finland	0.16	1.02	-0.86	20.47	16.32	4.15	0.03	0.17	0.01	0.01	0.01
Spain	1.38	2.40	-1.02	28.32	22.90	5.42	0.34	0.54	-0.05	0.06	0.01
Hungary	0.00	0.00	0.00	32.04	0.00	32.04	0.00	0.00	0.00	0.00	0.00
Ireland	0.00	0.70	-0.70	5.22	18.15	-12.93	0.00	0.13	-0.01	0.01	0.00
Malaysia	0.29	0.00	0.29	16.24	0.00	16.24	0.04	0.00	0.00	0.00	0.00
Peru	0.02	0.00	0.02	8.18	0.00	8.18	0.00	0.00	0.00	0.00	0.00
Philippines	0.03	0.00	0.03	9.27	0.00	9.27	0.00	0.00	0.00	0.00	0.00
Portugal	0.20	0.23	-0.03	14.64	17.23	-2.59	0.03	0.04	0.00	0.00	0.00
South Korea	0.15	0.00	0.15	20.56	0.00	20.56	0.03	0.00	0.00	0.00	0.00
Egypt	0.08	0.00	0.08	7.66	0.00	7.66	0.00	0.00	-0.01	0.00	-0.01
Norway	3.49	0.79	2.70	19.87	16.92	2.95	0.64	0.14	-0.06	0.06	-0.01
Qatar	0.04	0.00	0.04	-7.12	0.00	-7.12	0.00	0.00	-0.01	0.00	-0.01
New Zealand	0.28	0.18	0.10	12.96	24.51	-11.55	0.04	0.04	0.00	-0.03	-0.03
Belgium	0.25	1.00	-0.75	17.58	22.55	-4.97	0.02	0.22	-0.03	-0.02	-0.04
Hong Kong	1.78	2.85	-1.07	18.80	18.21	0.59	0.24	0.41	-0.07	0.02	-0.05
South Africa	0.21	0.00	0.21	0.38	0.00	0.38	0.00	0.00	-0.05	0.00	-0.05
China	0.47	0.00	0.47	5.47	0.00	5.47	0.02	0.00	-0.07	0.00	-0.07
Thailand	1.80	0.00	1.80	12.99	0.00	12.99	0.22	0.00	-0.07	0.00	-0.07
Switzerland	7.61	10.34	-2.73	7.02	10.41	-3.39	0.55	1.14	0.22	-0.30	-0.08
United Arab Emirates	0.57	0.00	0.57	0.80	0.00	0.80	0.01	0.00	-0.10	0.00	-0.10
Israel	2.17	0.79	1.38	4.98	0.38	4.60	0.15	0.02	-0.23	0.10	-0.12
United States	2.25	0.00	2.25	11.42	0.00	11.42	0.31	0.00	-0.17	0.00	-0.17
Indonesia	1.22	0.00	1.22	3.52	0.00	3.52	0.03	0.00	-0.18	0.00	-0.18
Brazil	1.43	0.00	1.43	2.14	0.00	2.14	0.06	0.00	-0.19	0.00	-0.19
Sweden	1.38	3.43	-2.05	4.66	18.14	-13.48	0.12	0.66	-0.01	-0.17	-0.19
Italy	0.86	2.36	-1.50	15.19	26.36	-11.17	0.13	0.62	-0.12	-0.12	-0.24
France	5.86	11.74	-5.88	19.38	22.19	-2.81	1.07	2.61	-0.30	-0.13	-0.43
Netherlands	5.84	4.26	1.58	11.65	21.01	-9.36	0.74	0.88	0.13	-0.62	-0.50
Australia	12.33	7.91	4.42	11.95	15.91	-3.96	1.50	1.25	-0.06	-0.48	-0.54
Germany	7.34	8.01	-0.67	17.32	24.57	-7.25	1.15	1.94	-0.09	-0.48	-0.57
Cash	2.25	0.00	2.25	2.91	0.00	2.91	0.09	0.00	-0.49	0.00	-0.49
Total	100.00	100.00	0.00	14.81	17.34	-2.53	14.81	17.34	-1.23	-1.30	-2.53



Trailing 1 Year Attribution:
Harbor Overseas Fund vs MSCI EAFE (ND) Index

Performance

	Portfolio	Benchmark	Active
Return Ex Currency	-8.61	-7.00	-1.61
Currency Contribution	-6.34	-7.45	1.11
Total Return	-14.95	-14.45	-0.50

Sector Attribution	Average Weight			Total Return			Contribution to Return		Attribution Analysis		
	Port. Avg. Wgt.	Bench. Avg. Wgt.	Variation in Avg. Wgt.	Port. Total Return	Bench. Total Return	Variation in Total Return	Port. Contribution To Return	Bench. Contribution To Return	Allocation Effect	Selection Effect	Total Effect
	Energy	9.60	4.59	5.01	27.01	27.67	-0.66	1.66	0.93	1.82	-0.16
Consumer Discretionary	4.92	11.31	-6.39	-13.00	-22.23	9.23	-0.99	-2.70	0.50	0.56	1.05
Real Estate	2.21	2.81	-0.60	-5.58	-20.89	15.31	0.01	-0.74	-0.04	0.47	0.43
Information Technology	9.81	8.24	1.57	-26.50	-32.37	5.87	-3.54	-3.00	-0.81	1.08	0.27
Communication Services	2.35	4.76	-2.41	-12.76	-17.20	4.44	-0.43	-0.92	0.01	0.17	0.17
Materials	12.68	7.74	4.94	-12.01	-10.26	-1.75	-1.86	-1.00	0.26	-0.14	0.11
Utilities	2.13	3.44	-1.31	-7.31	-12.45	5.14	0.06	-0.49	-0.08	0.14	0.05
Consumer Staples	4.58	10.60	-6.02	-17.27	-13.05	-4.22	-0.35	-1.41	-0.22	-0.16	-0.38
Industrials	16.42	15.29	1.13	-22.17	-20.57	-1.60	-4.01	-3.12	-0.23	-0.29	-0.53
Financials	14.17	17.73	-3.56	-8.65	-4.57	-4.08	-1.12	-0.72	-0.58	-0.45	-1.03
Health Care	18.76	13.48	5.28	-23.89	-11.41	-12.48	-4.62	-1.29	0.25	-2.48	-2.23
Total	100.00	100.00	0.00	-14.95	-14.45	-0.50	-14.95	-14.45	0.77	-1.27	-0.50



Trailing 1 Year Attribution:
Harbor Overseas Fund vs MSCI EAFE (ND) Index

Country Attribution

	Average Weight			Total Return			Contribution to Return		Attribution Analysis		
	Port. Avg. Wgt.	Bench. Avg. Wgt.	Variation in Avg. Wgt.	Port. Total Return	Bench. Total Return	Variation in Total Return	Port. Contribution To Return	Bench. Contribution To Return	Allocation Effect	Selection Effect	Total Effect
Japan	16.25	22.35	-6.10	-11.50	-16.65	5.15	-2.24	-4.32	0.07	0.88	0.96
Canada	4.99	0.00	4.99	-0.98	0.00	-0.98	-0.04	0.00	0.73	0.00	0.73
Israel	3.94	0.76	3.18	-9.10	-26.67	17.57	-0.33	-0.22	-0.22	0.90	0.69
Norway	2.51	0.78	1.73	26.31	-7.02	33.33	0.57	-0.09	-0.03	0.56	0.53
China	0.83	0.00	0.83	4.41	0.00	4.41	0.12	0.00	0.27	0.00	0.27
Indonesia	0.66	0.00	0.66	88.03	0.00	88.03	0.24	0.00	0.21	0.00	0.21
Brazil	1.56	0.00	1.56	-5.25	0.00	-5.25	-0.11	0.00	0.16	0.00	0.16
Poland	0.49	0.00	0.49	10.29	0.00	10.29	0.07	0.00	0.14	0.00	0.14
Singapore	0.60	1.45	-0.85	28.57	-10.99	39.56	0.08	-0.18	-0.01	0.15	0.13
Denmark	5.81	2.69	3.12	-7.17	-4.84	-2.33	-0.17	0.00	0.22	-0.12	0.10
Qatar	0.30	0.00	0.30	-4.93	0.00	-4.93	0.00	0.00	0.10	0.00	0.10
United Arab Emirates	0.45	0.00	0.45	10.63	0.00	10.63	0.07	0.00	0.09	0.00	0.09
Thailand	1.23	0.00	1.23	-7.64	0.00	-7.64	-0.11	0.00	0.08	0.00	0.08
South Africa	0.36	0.00	0.36	-6.13	0.00	-6.13	0.36	0.00	0.06	0.00	0.06
South Korea	0.89	0.00	0.89	-5.90	0.00	-5.90	-0.27	0.00	0.05	0.00	0.05
Egypt	0.10	0.00	0.10	16.96	0.00	16.96	0.01	0.00	0.03	0.00	0.03
Mexico	0.02	0.00	0.02	28.39	0.00	28.39	0.01	0.00	0.02	0.00	0.02
Malaysia	0.38	0.00	0.38	-1.13	0.00	-1.13	-0.08	0.00	0.01	0.00	0.01
Peru	0.03	0.00	0.03	27.34	0.00	27.34	0.01	0.00	0.01	0.00	0.01
Taiwan	0.07	0.00	0.07	3.24	0.00	3.24	-0.01	0.00	0.01	0.00	0.01
Czech Republic	0.00	0.00	0.00	-3.59	0.00	-3.59	0.00	0.00	0.00	0.00	0.00
Hungary	0.00	0.00	0.00	-27.09	0.00	-27.09	0.00	0.00	0.00	0.00	0.00
Luxembourg	0.00	0.00	0.00	-5.70	0.00	-5.70	0.00	0.00	0.00	0.00	0.00
Malta	0.00	0.00	0.00	-5.50	0.00	-5.50	0.00	0.00	0.00	0.00	0.00
Philippines	0.05	0.00	0.05	-11.20	0.00	-11.20	-0.01	0.00	0.00	0.00	0.00
Russian Federation	0.00	0.00	0.00	-12.54	0.00	-12.54	0.00	0.00	0.00	0.00	0.00
Greece	0.06	0.00	0.06	-18.78	0.00	-18.78	-0.03	0.00	-0.01	0.00	-0.01
Russia	0.01	0.00	0.01	-16.87	0.00	-16.87	-0.02	0.00	-0.01	0.00	-0.01
Spain	0.49	2.38	-1.89	-1.15	-7.28	6.13	0.27	-0.15	-0.10	0.10	-0.01
Belgium	0.23	0.96	-0.73	-20.05	-12.49	-7.56	-0.06	-0.10	-0.01	-0.01	-0.02
Ireland	0.32	0.69	-0.37	-22.20	-29.95	7.75	-0.28	-0.23	0.00	-0.04	-0.04
Portugal	0.10	0.22	-0.12	-2.91	0.20	-3.11	-0.01	0.00	-0.03	-0.01	-0.04
New Zealand	0.35	0.19	0.16	-28.50	-13.62	-14.88	-0.13	-0.03	-0.01	-0.05	-0.05
Austria	1.30	0.20	1.10	-13.20	-26.41	13.21	-0.37	-0.06	-0.20	0.12	-0.08
Italy	2.43	2.32	0.11	-19.71	-14.36	-5.35	-0.80	-0.27	-0.18	0.05	-0.14
Netherlands	4.77	4.30	0.47	-29.02	-27.63	-1.39	-1.14	-1.24	0.14	-0.28	-0.14
Hong Kong	1.47	2.98	-1.51	-2.65	-4.71	2.06	-0.13	-0.34	-0.16	0.01	-0.15
Finland	0.57	1.00	-0.43	-33.38	-15.28	-18.10	-0.41	-0.13	-0.03	-0.23	-0.26
Sweden	1.72	3.51	-1.79	-52.71	-28.41	-24.30	-1.18	-1.01	0.26	-0.59	-0.33
Australia	10.19	7.80	2.39	-12.67	-4.51	-8.16	-2.39	-1.08	0.26	-0.60	-0.34
United States	1.18	0.00	1.18	-39.17	0.00	-39.17	-0.32	0.00	-0.38	0.00	-0.38
Germany	7.40	8.09	-0.69	-28.96	-22.34	-6.62	-2.46	-1.77	0.09	-0.48	-0.39
United Kingdom	9.55	15.52	-5.97	-6.42	-4.84	-1.58	-0.84	-0.80	-0.51	-0.14	-0.65
Switzerland	8.24	10.34	-2.10	-27.78	-18.32	-9.46	-2.48	-1.85	0.07	-0.92	-0.85
France	5.69	11.48	-5.79	-26.03	-13.34	-12.69	-1.52	-1.16	-0.08	-0.83	-0.91



Trailing 1 Year Attribution:
Harbor Overseas Fund vs MSCI EAFE (ND) Index

Country Attribution

Cash	2.39	0.00	2.39	121.57	0.00	121.57	0.25	0.00	-0.09	0.00	-0.09
Total	100.00	100.00	0.00	-14.95	-14.45	-0.50	-14.95	-14.45	1.39	-1.89	-0.50

Risks

There is no guarantee that the investment objective of the Fund will be achieved. Stock markets are volatile and equity values can decline significantly in response to adverse issuer, political, regulatory, market and economic conditions. Investing in international and emerging markets poses special risks, including potentially greater price volatility due to social, political and economic factors, as well as currency exchange rate fluctuations. These risks are more severe for securities of issuers in emerging market regions.

The value of securities selected using quantitative analysis can react differently to issuer, political, market, and economic developments than the market as a whole or securities selected using only fundamental analysis. The factors used in quantitative analysis and the weight placed on those factors may not be predictive of a security's value. In addition, any model may contain flaws or the model may not perform as anticipated.

Benchmarks

The MSCI EAFE (ND) Index is an unmanaged index generally representative of major overseas stock markets. This unmanaged index does not reflect fees and expenses and is not available for direct investment.

Disclosures

All holdings-related data is provided by FactSet. Because FactSet relies on external sources for its data, that data may differ slightly from actual values maintained by Harbor Funds.

Due to the security valuation procedures of the Fund and intra-day trading activity not included in the FactSet calculations, the actual returns may vary. From time to time the cash return in the portfolio may appear distorted based on the way FactSet's attribution calculation methodology addresses delayed settlements.

Beta is a rolling three year, unless the Fund has a track record of less than three years, in which case it is a rolling one year.

Earnings per share (EPS) is the portion of a company's profit allocated to each outstanding share. EPS Growth Rate is calculated by subtracting the initial EPS from the final EPS and dividing the change in EPS by the initial EPS. The Adjusted Trailing P/E (Price/ Ratio is the closing stock price divided by the sum of the last 12 months actual EPS. The Forecast P/E Ratio is the closing stock price divided by the sum of the next 4 quarters estimated EPS. All P/E, ROE and P/B statistics are calculated as weighted medians.

Return on Equity (ROE) is the measure of a company's net income divided by its shareholders' equity.

Price-to-Book (P/B) Ratio compares a company's market value to its book value. The market value of a company is its share price multiplied by the number of outstanding shares. The book value is the net assets of a company.

Best and Worst Performers sections reflect stocks in the portfolio for the quarter with an average weight of 0.25% or greater.

Views expressed herein are drawn from commentary provided to Harbor by the subadvisor and may not be reflective of their current opinions or future actions, are subject to change without prior notice, and should not be considered investment advice.

This information should not be considered as a recommendation to purchase or sell a particular security. The weightings, holdings, industries, sectors, countries, and returns mentioned may change at any time and may not represent current or future investments.

As a result of changing market conditions, total net asset levels, expenses and other statistics may change at any time and may differ from those shown.

The total amount shown for sector, industries, or country holdings may be greater than 100% because of the inclusion of derivatives and the collateral securities supporting those instruments.

Sector allocations are determined using the Global Industry Classification Standard (GICS), which is a service of Morgan Stanley Capital International (MSCI) and Standard & Poor's (S&P).

Investors should carefully consider the investment objectives, risks, charges and expenses of a 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.

Acadian Asset Management LLC is an independent subadvisor to the Harbor Overseas Fund.

Distributed by Harbor Funds Distributors, Inc.

Attribution Disclosures

Linked Performance by Sectors data is produced from FactSet using data supplied by State Street Bank and Trust Company.

Active Currency Contribution is the Currency Contribution of the portfolio minus the Currency Contribution of the benchmark.

Allocation Effect is the portion of portfolio excess return that is attributable to taking different group bets from the benchmark. (If either the portfolio or the benchmark has no position in a given group, allocation effect is the lone effect.) A group's allocation effect equals the average percent capitalization of the portfolio's group minus the average percent cap of the benchmark's group times the total return of the benchmark group minus the total return of the benchmark.

Average Weight is the dollar value (price times the shares held) of the security or group, divided by the total dollar value of the entire portfolio displayed as a percentage. It is calculated as the simple arithmetic average of daily values.

Contribution to Return is the contribution of a security or group to the overall portfolio return. It is calculated as the security weight multiplied by the daily security return linked daily across the reporting period.

Currency Contribution is Total Return in USD subtracting out the Local Returns.

Local Returns are the Total Return of the portfolio or benchmark using the local currency.

Selection Effect is the portion of portfolio excess return attributable to choosing different securities within groups from the benchmark. A group's security selection effect equals the average weight of the benchmark's group times the total return of the portfolio's group minus the total return of the benchmark's group.

Total Effect is the sum of Allocation Effect and Selection Effect. The total effect represents the opportunity cost of what was done in a group relative to the overall portfolio. It is not just the difference between percent contribution in the portfolio and benchmark. At the overall portfolio level, the two numbers are equal. At the group level, they can be different.

Total Return is the price change of a security or group including dividends accrued over the report period (or the in-portfolio return) which includes only the time period that each security was in the portfolio.

Definitions

Alpha is a measure of risk (beta) adjusted return.

Beta is a measure of systematic risk, or the sensitivity of a fund to movements in the benchmark. A beta of 1 implies that the expected movement of a fund's return would match that of the benchmark used to measure beta.