

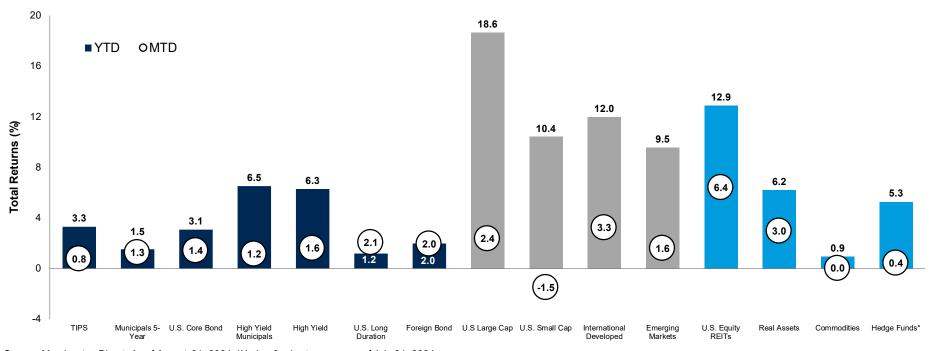
Town of Ledyard, CT Pension Portfolio

Monthly Performance Update - August 2024 & International Equity Allocation Analysis

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Asset Class Performance





Source: Morningstar Direct. As of August 31, 2024. *Hedge fund returns are as of July 31, 2024.

Fixed Income (August)

- + The Federal Reserve acknowledged a cooling labor market and softening inflation at its Jackson Hole summit, indicating its willingness to shift policy. Interest rates fell during the month and fixed income markets fared well.
- + More interest rate sensitive areas performed best, such as long duration. Despite a lower duration profile than core fixed income, corporate high yield performed well.
- + A falling U.S. dollar was an added tailwind for non-USD debt.

Equity (August)

- +/- Domestic equity market performance was mixed with large cap positive and small cap negative. Growing uncertainty surrounding the global economic backdrop weighed more on small cap relative to large cap.
- + Developed non-U.S. equities edged out domestic markets for the second month in a row. Europe led the way while Japan had a modest impact.
- + Emerging market equities were positive as well. Varying results from underlying countries resulted in a relatively muted return for the segment as a whole.

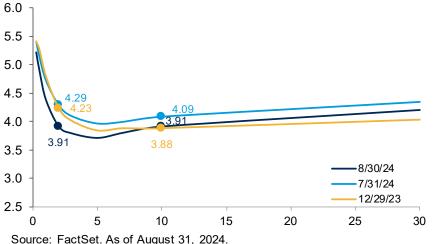
Real Asset / Alternatives (August)

- + REITs had a positive month as interest rates declined.
- +/- Commodities were flat in August. Strength from precious and industrial metals were offset by falling energy prices.
- + Real Assets moved higher during the period. Fixed income, real estate and infrastructure components were positive while commodity related assets lagged.

Fixed Income Market Update

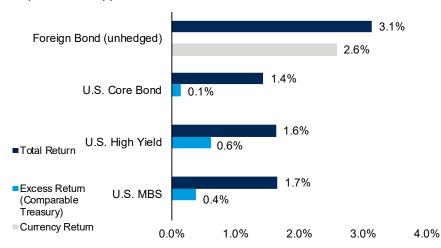
U.S. Treasury Yield Curve

Yields moved lower across the U.S. Treasury curve during the month in anticipation of interest rate cuts from the Federal Reserve. While the market is pricing in a first cut at the September meeting, the magnitude of the potential cut is still uncertain.



Index Performance Attribution (August)

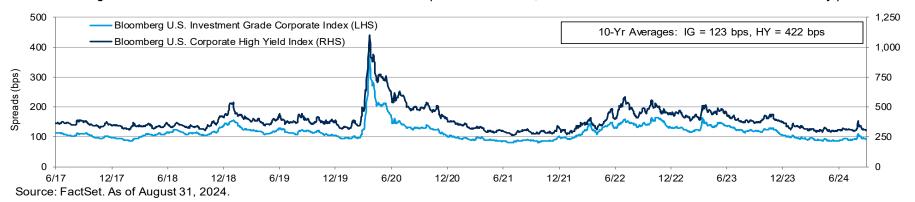
A falling U.S. dollar was a large tailwind for non-USD debt during August. Non-government sectors, particularly credit, continue to outperform as appetite for "riskier" fixed income remains.



Source: FactSet. As of August 31, 2024.

Credit Market Spreads - Trailing 5 Years

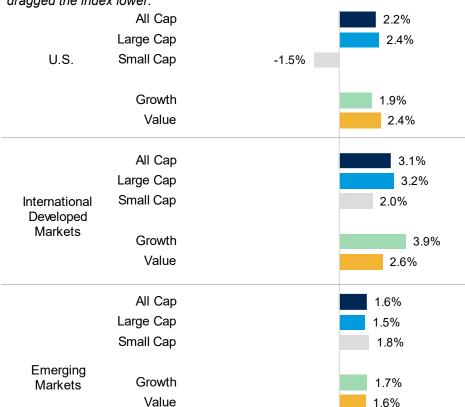
The credit market remains resilient. Spreads above Treasuries were volatile during August, but ultimately ended in-line to modestly lower than July. The current earnings season has been favorable and fundamentals remain positive. However, valuations are elevated and economic uncertainty persists.



Equity Market Update

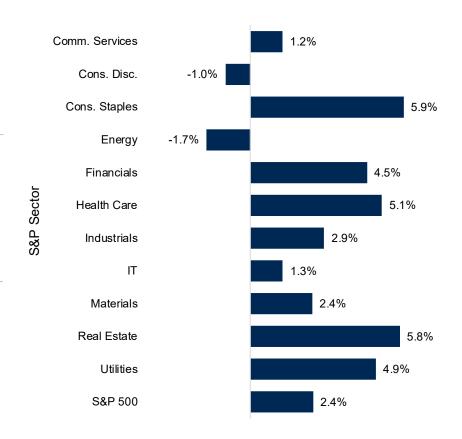
Market Capitalization & Style Performance (August)

Global equity markets were mostly positive during August. International developed led the way with favorable results stemming from Europe. Falling interest rates and expectations for a Fed rate cut later in the year pushed the U.S. dollar lower, further contributing to international performance. U.S. small cap was the notable standout on the negative side, as energy and industrials dragged the index lower.



U.S. Equities – Returns by Sector (August)

The S&P 500 generated a mid-single digit return during August. Most of the sub-sectors were positive but more cyclical areas such as energy and consumer discretionary lagged. Consumer staples, real estate, and health care were standout sectors. Eli Lilly was a top contributor, benefiting from favorable GLP-1 (weight-loss related drugs) demand.



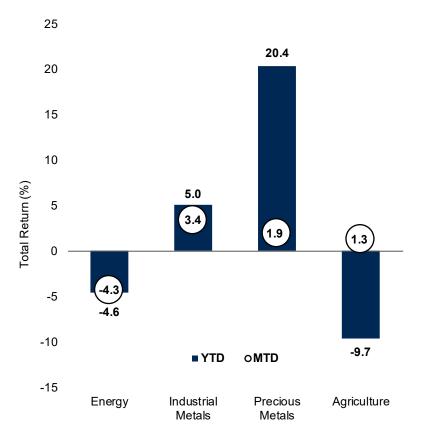
Source: Morningstar Direct. As of August 31, 2024.

Source: Morningstar Direct. As of August 31, 2024.

Real Asset Market Update

Commodity Performance (August)

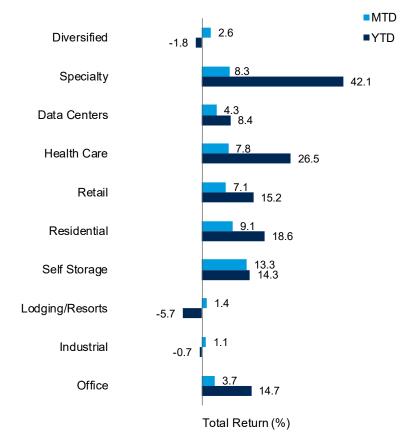
It was a mixed bag for commodities during the month. Industrial and precious metals produced positive returns as demand remains strong and the U.S. dollar weakened. Energy prices fell as the path of global economic growth remains uncertain. Additionally, OPEC plans to curb production cuts later this year, which might prove to be a further headwind for oil prices.



Source: FactSet. As of August 31, 2024.

REIT Sector Performance (August)

Equity REITs were strong during the month, benefiting from the broad decline in interest rates, with all underlying components producing a positive return. Self storage was the standout in August as optimism grew for renewed demand for storage on the back of housing activity ticking higher.



Source: FactSet. As of August 31, 2024.

Financial Markets Performance

Total Return as of August 31, 2024 Periods greater than one year are annualized All returns are in U.S. dollar terms

Global Fixed Income Markets	MTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
Bloomberg 1-3-Month T-Bill	0.5%	3.6%	5.5%	3.4%	2.3%	2.2%	1.6%	1.1%
Bloomberg U.S. TIPS	0.5%	3.3%	6.2%	-1.3%	2.0%	2.6%	2.1%	3.2%
Bloomberg Municipal Bond (5 Year)	1.3%	1.5%	5.0%	0.0%	1.0%	1.5%	1.7%	2.4%
Bloomberg High Yield Municipal Bond	1.2%	6.5%	12.4%	0.5%	2.8%	4.3%	4.5%	6.3%
Bloomberg U.S. Aggregate	1.4%	3.1%	7.3%	-2.1%	0.0%	1.2%	1.6%	2.6%
Bloomberg U.S. Corporate High Yield	1.6%	6.3%	12.6%	2.5%	4.5%	4.6%	4.7%	7.1%
Bloomberg Global Aggregate ex-U.S. Hedged	0.8%	3.1%	7.4%	0.0%	0.3%	2.1%	2.5%	3.1%
Bloomberg Global Aggregate ex-U.S. Unhedged	3.1%	0.8%	6.4%	-5.8%	-2.5%	-1.3%	-1.1%	0.1%
Bloomberg U.S. Long Gov / Credit	2.1%	1.2%	7.5%	-7.6%	-2.8%	0.5%	1.8%	4.2%
Global Equity Markets	MTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
S&P 500	2.4%	19.5%	27.1%	9.4%	15.9%	14.5%	13.0%	14.3%
Dow Jones Industrial Average	2.0%	11.7%	22.1%	7.7%	11.8%	11.9%	11.8%	13.0%
NASDAQ Composite	0.7%	18.6%	27.1%	5.9%	18.3%	16.6%	15.6%	16.8%
Russell 3000	2.2%	18.2%	26.1%	7.9%	15.2%	13.8%	12.4%	14.0%
Russell 1000	2.4%	18.6%	26.6%	8.3%	15.5%	14.2%	12.7%	14.2%
Russell 1000 Growth	2.1%	21.1%	30.8%	8.9%	19.1%	17.9%	16.0%	16.6%
Russell 1000 Value	2.7%	15.1%	21.1%	7.3%	11.2%	9.8%	8.9%	11.4%
Russell Mid Cap	2.0%	12.1%	20.2%	3.5%	11.2%	10.6%	9.6%	12.7%
Russell Mid Cap Growth	2.5%	9.3%	19.1%	-0.5%	10.5%	11.8%	10.6%	13.4%
Russell Mid Cap Value	1.9%	13.0%	20.2%	5.4%	10.8%	8.9%	8.3%	11.9%
Russell 2000	-1.5%	10.4%	18.5%	0.6%	9.7%	8.2%	8.0%	11.0%
Russell 2000 Growth	-1.1%	11.7%	17.7%	-2.1%	8.3%	8.2%	8.2%	11.5%
Russell 2000 Value	-1.9%	9.1%	19.2%	3.0%	10.4%	7.6%	7.5%	10.2%
MSCI ACWI	2.5%	16.0%	23.4%	5.8%	12.1%	10.2%	8.8%	9.8%
MSCI ACWI ex. U.S.	2.8%	11.2%	18.2%	2.1%	7.6%	5.3%	4.4%	5.7%
MSCI EAFE	3.3%	12.0%	19.4%	4.1%	8.6%	6.2%	5.2%	6.2%
MSCI EAFE Growth	3.9%	11.8%	18.4%	0.4%	7.9%	6.9%	6.2%	7.2%
MSCI EAFE Value	2.6%	12.2%	20.4%	7.8%	9.0%	5.3%	4.0%	5.0%
MSCI EAFE Small Cap	2.0%	8.3%	15.1%	-2.4%	6.4%	4.2%	5.3%	7.3%
MSCI Emerging Markets	1.6%	9.5%	15.1%	-3.1%	4.8%	2.6%	2.6%	4.3%
Alternatives	MTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
Consumer Price Index*	0.2%	1.6%	2.9%	4.9%	4.2%	3.6%	2.8%	2.6%
FTSE NAREIT Equity REITs	6.4%	12.9%	22.3%	2.2%	5.5%	6.6%	6.9%	10.7%
S&P Real Assets	3.0%	6.2%	12.2%	1.9%	4.6%	4.6%	3.5%	6.0%
FTSE EPRA NAREIT Developed	6.3%	9.2%	18.7%	-1.6%	2.2%	3.8%	4.0%	7.2%
FTSE EPRA NAREIT Developed ex U.S.	6.1%	4.3%	14.6%	-6.4%	-1.4%	0.7%	1.2%	4.3%
Bloomberg Commodity Total Return	0.0%	0.9%	-4.4%	3.7%	7.0%	4.1%	-1.1%	-0.7%
HFRI Fund of Funds Composite*	0.4%	5.3%	8.0%	2.5%	4.9%	4.3%	3.6%	3.7%
HFRI Asset Weighted Composite*	0.5%	5.9%	8.1%	4.1%	4.3%	4.3%	3.8%	4.8%
Alerian MLP	0.4%	18.9%	28.9%	26.8%	13.7%	9.0%	1.7%	9.0%

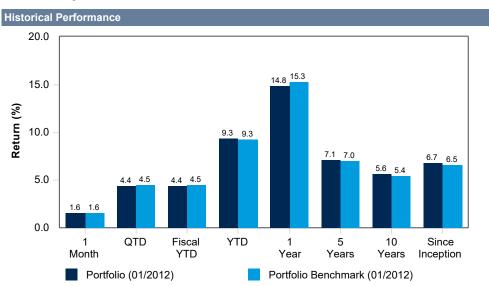
Sources: Morningstar, FactSet. As of August 31, 2024. *Consumer Price Index and HFRI indexes as of July 31, 2024.



Portfolio Dashboard

Town of Ledyard Pension Plan

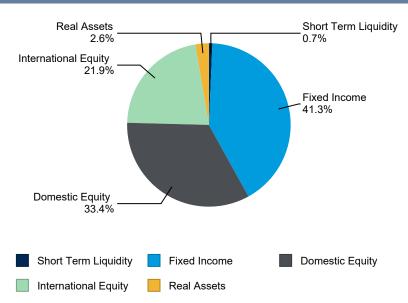
As of August 31, 2024



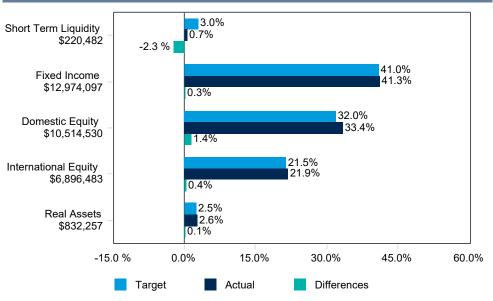
Summary of Cash Flows					
	1 Month	QTD	Fiscal YTD	YTD	1 Year
Beginning Market Value	31,109,110	30,443,700	30,443,700	29,163,734	28,439,841
Net Contributions	-164,883	-340,880	-340,880	-405,855	-1,061,678
Gain/Loss	493,623	1,335,030	1,335,030	2,679,972	4,059,687
Ending Market Value	31,437,850	31,437,850	31,437,850	31,437,850	31,437,850

Current Benchmar	k Composition	
From Date	To Date	
04/2024	Present	3.00% 90 Day U.S. Treasury Bill, 41.00% Blmbg. U.S. Aggregate, 21.00% S&P 500, 11.00% Russell 2000 Index, 8.00% MSCI AC World ex USA (Net), 7.50% MSCI EAFE (Net), 6.00% MSCI Emerging Markets (Net), 2.50% S&P Real Assets

Portfolio Allocation



Actual vs. Target Allocations



Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees.



Asset Allocation

Town of Ledyard Pension Plan

As of August 31, 2024

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	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)
own of Ledyard Pension Plan	31,437,850	100.0	100.0	0.0
Short Term Liquidity	220,482	0.7	3.0	-2.3
Dreyfus Treasury Securities Cash Management	220,482	0.7	3.0	-2.3
Fixed Income	12,974,097	41.3	41.0	0.3
Vanguard Total Bond Market Index Adm	3,172,119	10.1	10.0	0.1
Baird Aggregate Bond Instl	2,224,093	7.1	7.0	0.1
Harbor Core Bond Retirement - IR&M	2,220,761	7.1	7.0	0.1
PGIM Total Return Bond R6	4,079,575	13.0	13.0	0.0
BlackRock Strategic Income Opportunities Class K	1,277,549	4.1	4.0	0.1
Domestic Equity	10,514,530	33.4	32.0	1.4
Vanguard Institutional Index Fund Instl	4,549,213	14.5	14.0	0.5
Touchstone Large Cap Focused Fund Instl	2,232,993	7.1	7.0	0.1
Neuberger Berman Genesis R6	1,933,878	6.2	6.0	0.2
William Blair Small Cap Value R6	852,337	2.7	2.5	0.2
Hood River Small Cap Growth R	946,108	3.0	2.5	0.5
International Equity	6,896,483	21.9	21.5	0.4
Vanguard Total International Stock Index Adm	2,592,867	8.2	8.0	0.2
T. Rowe Price Overseas Stock Instl	2,420,620	7.7	7.5	0.2
Invesco Developing Markets R6	1,882,996	6.0	6.0	0.0
Real Assets	832,257	2.6	2.5	0.1
DWS RREEF Real Assets R6	832,257	2.6	2.5	0.1



Manager Performance

Town of Ledyard Pension Plan

As of August 31, 2024

	Allocati	on					Perforn	nance(%)				
	Market Value (\$)	%	1 Month	QTD	Fiscal YTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inceptio Date
Town of Ledyard Pension Plan	31,437,850	100.0	1.6	4.4	4.4	9.3	14.8	1.6	7.1	5.6	6.7	01/2012
Blended Benchmark			1.6	4.5	4.5	9.3	15.3	1.9	7.0	5.4	6.5	
Dreyfus Treasury Securities Cash Management	220,482	0.7	0.4	0.9	0.9	3.4	5.1	3.1	2.1	1.4	1.1	01/2012
90 Day U.S. Treasury Bill			0.5	0.9	0.9	3.6	5.5	3.3	2.3	1.6	1.3	
Fixed Income	12,974,097	41.3	1.4	3.7	3.7	3.6	8.1	-1.8	0.4	2.1	2.5	12/2011
Blmbg. U.S. Aggregate			1.4	3.8	3.8	3.1	7.3	-2.1	0.0	1.6	1.9	
Vanguard Total Bond Market Index Adm	3,172,119	10.1	1.3	3.7	3.7	3.1	7.2	-2.2	-0.1	1.6	1.8	01/2012
Vanguard Spliced Bloomberg U.S. Agg Flt Adj			1.4	3.7	3.7	3.1	7.3	-2.1	0.0	1.7	1.9	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.5	3.8	3.8	3.4	7.6	-2.2	0.1	1.6	2.0	
Vanguard Total Bond Market Index Adm Rank			86	68	68	82	74	48	67	53	69	
Baird Aggregate Bond Instl	2,224,093	7.1	1.4	3.8	3.8	3.5	8.2	-1.9	0.4	2.0	4.0	04/2024
Blmbg. U.S. Aggregate			1.4	3.8	3.8	3.1	7.3	-2.1	0.0	1.6	3.9	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.5	3.8	3.8	3.4	7.6	-2.2	0.1	1.6	4.0	
Baird Aggregate Bond Instl Rank			59	53	53	43	27	26	34	17	45	
Harbor Core Bond Retirement - IR&M	2,220,761	7.1	1.4	3.8	3.8	3.4	7.3	-2.1	0.2	-	4.0	04/2024
Blmbg. U.S. Aggregate			1.4	3.8	3.8	3.1	7.3	-2.1	0.0	1.6	3.9	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.5	3.8	3.8	3.4	7.6	-2.2	0.1	1.6	4.0	
Harbor Core Bond Retirement - IR&M Rank			81	55	55	55	65	42	42	-	52	
PGIM Total Return Bond R6	4,079,575	13.0	1.5	3.7	3.7	4.3	9.2	-1.7	0.5	2.5	2.3	04/2015
Blmbg. U.S. Aggregate			1.4	3.8	3.8	3.1	7.3	-2.1	0.0	1.6	1.5	
IM U.S. Broad Market Core+ Fixed Income (MF) Median			1.5	3.8	3.8	3.7	8.1	-2.1	0.5	1.8	1.7	
PGIM Total Return Bond R6 Rank			47	67	67	17	12	34	50	14	13	
BlackRock Strategic Income Opportunities Class K	1,277,549	4.1	1.1	3.0	3.0	4.7	9.5	1.8	3.2	2.9	3.7	04/2022
Blmbg. U.S. Aggregate			1.4	3.8	3.8	3.1	7.3	-2.1	0.0	1.6	0.2	
IM Alternative Credit Focus (MF) Median			1.1	2.7	2.7	5.2	9.0	1.4	2.6	2.0	3.4	
BlackRock Strategic Income Opportunities Class K Rank			50	31	31	67	40	45	42	19	41	

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Funds may include returns of an equivalent share class with a longer return history if period includes dates prior to the fund's inception. Returns are net of fees unless otherwise stated. The fund's inception date represents the first month the client made the investment. Composite performance includes all funds held in the composite since inception. Inception dates for asset class composites reflect the start date at which these returns could be calculated using historical and existing system capabilities and may vary from the inception dates of underlying component strategies.



Manager Performance

Town of Ledyard Pension Plan

As of August 31, 2024

	Allocatio	on					Perforn	nance(%)				
	Market Value (\$)	%	1 Month	QTD	Fiscal YTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Domestic Equity	10,514,530	33.4	1.4	5.3	5.3	16.6	23.3	6.8	14.2	12.1	13.8	12/2011
Domestic Equity Benchmark			1.1	5.4	5.4	16.4	24.3	6.5	14.0	11.5	13.5	
Vanguard Institutional Index Fund Instl	4,549,213	14.5	2.4	3.7	3.7	19.5	27.1	9.3	15.9	12.9	14.7	01/2012
S&P 500			2.4	3.7	3.7	19.5	27.1	9.4	15.9	13.0	14.8	
IM U.S. Large Cap Core Equity (MF) Median			2.2	3.4	3.4	18.6	26.3	8.0	14.9	11.9	13.8	
Vanguard Institutional Index Fund InstI Rank			34	37	37	34	40	26	25	15	17	
Touchstone Large Cap Focused Fund Instl	2,232,993	7.1	2.0	4.0	4.0	16.0	21.9	7.0	15.7	13.1	17.1	01/2019
S&P 500			2.4	3.7	3.7	19.5	27.1	9.4	15.9	13.0	17.4	
IM U.S. Large Cap Core Equity (MF) Median			2.2	3.4	3.4	18.6	26.3	8.0	14.9	11.9	16.3	
Touchstone Large Cap Focused Fund Instl Rank			65	27	27	78	84	69	30	12	27	
Neuberger Berman Genesis R6	1,933,878	6.2	-0.9	8.1	8.1	11.3	15.2	2.7	10.4	10.2	11.0	04/2012
Russell 2000 Index			-1.5	8.5	8.5	10.4	18.5	0.6	9.7	8.0	9.7	
IM U.S. Small Cap Core Equity (MF) Median			-1.2	8.0	8.0	9.9	17.2	4.0	10.5	8.0	9.7	
Neuberger Berman Genesis R6 Rank			36	49	49	30	74	64	52	3	8	
William Blair Small Cap Value R6	852,337	2.7	-2.3	8.0	8.0	5.9	12.4	3.0	9.5	8.3	3.8	12/2021
Russell 2000 Value Index			-1.9	10.1	10.1	9.1	19.2	3.1	10.4	7.5	4.0	
IM U.S. Small Cap Value Equity (MF) Median			-1.9	8.1	8.1	8.5	18.1	5.6	11.9	7.4	6.5	
William Blair Small Cap Value R6 Rank			70	55	55	77	89	94	90	24	94	
Hood River Small Cap Growth R	946,108	3.0	3.4	8.0	8.0	26.5	35.6	4.1	18.7	14.0	4.9	12/2021
Russell 2000 Growth Index			-1.1	7.0	7.0	11.7	17.7	-2.1	8.4	8.2	-0.7	
IM U.S. Small Cap Growth Equity (MF) Median			0.3	6.4	6.4	11.7	17.0	-1.5	8.8	8.8	-0.9	
Hood River Small Cap Growth R Rank			5	18	18	4	1	8	1	1	5	

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Manager Performance

Town of Ledyard Pension Plan

As of August 31, 2024

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	Allocati	on					Perforn	nance(%)				
	Market Value (\$)	%	1 Month	QTD	Fiscal YTD	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inceptio Date
International Equity	6,896,483	21.9	2.1	4.4	4.4	8.9	14.6	0.1	6.5	3.7	4.8	03/2012
International Equity Benchmark			2.6	4.7	4.7	11.0	17.8	1.3	7.2	4.2	5.0	
Vanguard Total International Stock Index Adm	2,592,867	8.2	2.5	5.3	5.3	10.7	17.7	1.9	7.8	4.6	5.8	04/2012
Vanguard Spliced Total Int'l Stock Index (Net)			2.6	5.3	5.3	10.8	17.8	2.0	7.9	4.7	5.9	
IM International Large Cap Core Equity (MF) Median			3.2	6.2	6.2	11.7	18.7	3.2	8.5	4.7	6.0	
Vanguard Total International Stock Index Adm Rank			79	70	70	68	61	80	69	53	61	
T. Rowe Price Overseas Stock Instl	2,420,620	7.7	3.1	6.2	6.2	10.8	17.5	3.2	8.9	5.4	5.7	06/2018
MSCI EAFE (Net)			3.3	6.3	6.3	12.0	19.4	4.1	8.6	5.2	6.1	
IM International Large Cap Core Equity (MF) Median			3.2	6.2	6.2	11.7	18.7	3.2	8.5	4.7	5.6	
T. Rowe Price Overseas Stock Instl Rank			59	52	52	68	65	51	37	16	44	
Invesco Developing Markets R6	1,882,996	6.0	0.4	1.0	1.0	3.8	7.1	-6.7	1.4	1.4	3.0	04/2012
MSCI Emerging Markets (Net)			1.6	1.9	1.9	9.5	15.1	-3.1	4.8	2.6	3.0	
IM Emerging Markets Equity (MF) Median			1.3	1.4	1.4	9.0	14.1	-4.1	4.5	2.3	2.8	
Invesco Developing Markets R6 Rank			84	61	61	89	91	73	92	73	47	
Real Assets	832,257	2.6	3.7	7.8	7.8	9.3	14.3	-	-	-	-1.2	04/2022
S&P Real Assets			3.0	6.4	6.4	6.2	12.2	1.9	4.6	3.5	0.6	
DWS RREEF Real Assets R6	832,257	2.6	3.7	7.7	7.7	9.3	14.3	2.1	6.5	4.8	-1.2	04/2022
S&P Real Assets			3.0	6.4	6.4	6.2	12.2	1.9	4.6	3.5	0.6	

Client portfolio performance is presented net of underlying investment manager fees but gross of Fiducient Advisors' fees. Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Funds may include returns of an equivalent share class with a longer return history if period includes dates prior to the fund's inception. Returns are net of fees unless otherwise stated. The fund's inception date represents the first month the client made the investment. Composite performance includes all funds held in the composite since inception. Inception dates for asset class composites reflect the start date at which these returns could be calculated using historical and existing system capabilities and may vary from the inception dates of underlying component strategies.



Benchmark History

Town of Ledyard Pension Plan

As of August 31, 2024

Account Name	From Date	To Date	Benchmark Composition
Town of Ledyard Pension Plan	04/2024	Present	3.0% 90 Day U.S. Treasury Bill, 41.0% Blmbg. U.S. Aggregate, 21.0% S&P 500, 11.0% Russell 2000 Index, 8.0% MSCI AC World ex USA (Net), 7.5% MSCI EAFE (Net), 6.0% MSCI Emerging Markets (Net), 2.5% S&P Real Assets
	06/2023	04/2024	3.0% 90 Day U.S. Treasury Bill, 38.5% Blmbg. U.S. Aggregate, 21.5% S&P 500, 12.0% Russell 2000 Index, 8.5% MSCI AC World ex USA (Net), 7.5% MSCI EAFE (Net), 6.5% MSCI Emerging Markets (Net), 2.5% S&P Real Assets
	04/2022	06/2023	3.0% 90 Day U.S. Treasury Bill, 36.0% Blmbg. U.S. Aggregate, 21.5% S&P 500, 12.0% Russell 2000 Index, 8.5% MSCI AC World ex USA (Net), 7.5% MSCI EAFE (Net), 6.5% MSCI Emerging Markets (Net), 5.0% S&P Real Assets
	10/2019	04/2022	3.0% 90 Day U.S. Treasury Bill, 36.0% Blmbg. U.S. Aggregate, 26.5% S&P 500, 12.0% Russell 2000 Index, 8.5% MSCI AC World ex USA (Net), 7.5% MSCI EAFE (Net), 6.5% MSCI Emerging Markets (Net)
	01/2018	10/2019	3.0% 90 Day U.S. Treasury Bill, 36.0% Blmbg. U.S. Aggregate, 23.5% S&P 500, 10.0% Russell 2000 Index, 6.5% MSCI AC World ex USA (Net), 5.5% MSCI EAFE (Net), 5.5% MSCI Emerging Markets (Net), 5.0% S&P North American Natural Res Sector Index (TR), 5.0% Bloomberg Commodity Index Total Return
	04/2012	01/2018	3.0% 90 Day U.S. Treasury Bill, 32.0% Blmbg. U.S. Aggregate, 20.0% S&P 500, 10.0% Russell 2000 Index, 5.0% MSCI AC World ex USA (Net), 5.0% MSCI EAFE (Net), 5.0% S&P North American Natural Res Sector Index (TR), 5.0% MSCI Emerging Markets (Net), 5.0% Bloomberg Commodity Index Total Return, 10.0% Blackrock Hybrid Benchmark
	12/2011	04/2012	3.0% 90 Day U.S. Treasury Bill, 43.0% Blmbg. U.S. Aggregate, 46.0% S&P 500, 8.0% S&P Completion Index



Town of Ledyard International Allocation Review

- ✓ This analysis serves as a review of the town's pension portfolio's international equity manager allocation.
- ✓ Each year, Fiducient models the pension portfolio's asset allocation using our firm's most recent 10 and 20-year capital market assumptions. As a result of that recent exercise earlier this year, we are not recommending any changes to the portfolio's overall international equity allocation which stands at 21.5% of the portfolio and aligns with the global opportunity set
- ✓ In conjunction with our defined benefit business council, our manager research group and our investment committee, the manager structure review suggests:
 - ✓ Replacing current managers T. Rowe Price Overseas and Invesco Developing Markets with two developed market managers, Dodge & Cox, and John Hancock International Dynamic Growth sub advised by Axiom, and two emerging markets managers Arga and Wasatch that employ a growth and value strategy –producing a core driven approach
 - ✓ Reducing passive allocation in favor of active management given historical return advantage

Our Experienced, Deep Research Team

Investment Committee

Average Industry Experience: 22 Years Average Firm Tenure: 16 Years Advanced Degrees/Credentials: 19

Capital Markets Research

Average Industry Experience: 21 Years Average Firm Tenure: 13 Years Advanced Degrees/Credentials: 15

Research Forum

Average Industry Experience: 18 Years Average Firm Tenure: 13 Years Advanced Degrees/Credentials: 13

Global Public Markets

Avg. Industry Experience: 12 Years Avg. Firm Tenure: 6 Years Advanced Degrees/Credentials: 9

Global Private Markets

Avg. Industry Experience: 8 Years
Avg. Firm Tenure: 6 Years
Advanced Degrees/Credentials: 6

Marketable Alternatives

Avg. Industry Experience: 12 Years Avg. Firm Tenure: 5 Years Advanced Degrees/Credentials: 8

Operational Due Diligence

Avg. Industry Experience: 15 Years Avg. Firm Tenure: 3 Years Advanced Degrees/Credentials: 3

Collaborative Culture of Research

Connecting, Not Collecting	Paid to Think, Not to Screen	Intellectual Rigor
Activity ≠ Due DiligenceFocus on quality of	The majority of active strategies will underperform	Be well preparedAlways ask "Why?"
information not quantity	Simple quantitative screens help with breadth, not depth of	Rigorous debate, both
 We do not seek to cover every manager in a given universe 	manager analysis	internally and externally: • Challenge
 We do try to uncover material information regarding a manager's competitive advantages 	 Favor smaller recommended lists of the highest conviction managers (smaller lists of A+ vs. larger lists of B+) 	 assumptions Uncover risks Root out mistakes Refine point of view Cement confidence
	 Dedicate material analyst time to new opportunities 	

Due Diligence Process

1	Introductory Meeting & Analysis	2,000+ Meetings Annually
2	Local Team Vetting	5,000+ Strategies Covered
3	Research Forum Debate & Approval	300+ Recommended
4	Monitoring	50+ Flash Memos Annually



FLASH Memo

Helping Clients Prosper

Subject: T. Rowe Price Overseas Stock Portfolio Manager Retirement

Previous Status: Maintain Current Status: Watch Effective Date: April 2024

Overview

T. Rowe Price announced that Ray Mills, Lead Portfolio Manager of the T. Rowe Price Overseas Stock Strategy, will retire from the firm at the end of 2024. Mr. Mills has served as the lead portfolio manager since the strategy's inception in January 2000. Elias Chrysostomou, Associate Portfolio Manager on the strategy, has been at T. Rowe Price for approximately four years and joined Mr. Mills on the team in a dedicated capacity in October 2023. Mr. Chrysostomou was elevated to Co-Portfolio Manager on the strategy effective April 1, 2024, and will take over as the lead and sole portfolio manager on the strategy at the beginning of 2025.

Mr. Chrysostomou's background is largely as an analyst covering Canadian and European financials. His only previous portfolio management experience was co-managing a global financials strategy at UBS from approximately 2008-2010. He has also co-managed an international financials paper portfolio at T. Rowe Price from 2022 until mid-2023, when he began working more closely with Mr. Mills (prior to joining the team in October 2023). Currently, approximately 20 percent of the strategy is invested in the financials sector. According to T. Rowe Price, Mr. Chrysostomou will eventually get a dedicated resource on the strategy but the timing of this and the level of seniority of the role is yet to be determined; T. Rowe Price expects to have more visibility into this late in the third quarter or in the fourth quarter.

Recommendation

Given that Mr. Mills was an architect of the investment philosophy and process, and that he has served as the lead portfolio manager since the strategy's inception, we are concerned about the impact of his departure on the strategy. Additionally, Mr. Chrysostomou has minimal portfolio management experience, and that experience was managing a financials focused sector fund. As an analyst, his experience and coverage have also been entirely focused on the financials sector. We feel that the strategy merits additional scrutiny given the importance of Mr.

This report is intended for the exclusive use of clients or prospective clients (the "recipient") of Fiducient Advisors and the information contained herein is confidential and the dissemination or distribution to any other person without the prior approval of Fiducient Advisors is strictly prohibited. Information has been obtained from sources believed to be reliable, though not independently verified. Any forecasts are hypothetical and represent future expectations and not actual return volatilities and correlations will differ from forecasts. This report does not represent a specific investment recommendation. The opinions and analysis expressed herein are based on Fiducient Advisor research and professional experience and are expressed as of the date of this report. Please consult with your advisor, attorney and accountant, as appropriate, regarding specific advice. Past performance does not indicate future performance and there is risk of loss.



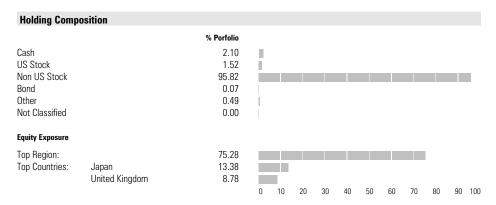
Mills to the strategy and the nature of Mr. Chrysostomou's experience and therefore have placed the strategy on "Watch" status.

Contact Fiducient Advisors

If you have any questions, please contact your investment consultant.

orningstar DirectSM | Print Date: 8/2/2024 Page 1 of 2

Town of Ledyard International Equity Allocation



Portfolio Constituents		
Name	Weight(%)	Mkt Val
Ledyard Current Intl 06-2024	100.00	10,000.00
	100.00	10,000.00

In	vestn	nent S	Style			
Eq	uity S	tyle				Fixed Income Style
ĝ	Val 20.8	31.3	Gro 33.0	>50%25-50		Ltd Mod Ext
Mid	3.5	5.5	3.8	0-10		10-25 0 -10
Sm	0.6	1.0	0.4			
	Not Cla	ssified C	.0			Not Classified —
	r ket Ca tfolio	p			Mil	Avg Eff Duration (Yrs) — Avg Eff Maturity (Yrs) — Avg Credit Quality —

World Regions	
Region Americas North America Latin America	% Equity 12.22 5.41 6.80
Greater Europe United Kingdom Europe Developed Europe Emerging Africa/Middle East	42.35 8.78 31.17 0.86 1.54
Greater Asia Japan Australasia Asia Developed Asia Emerging	45.43 13.38 3.29 12.70 16.06
Not Classified	NA
Market Maturity Developed Markets Emerging Markets Not Available	75.28 24.72 NA

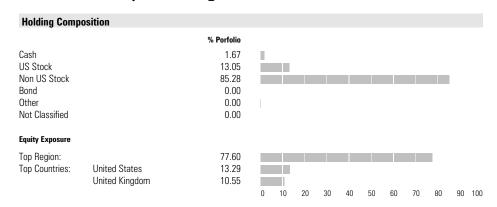
	Portfolio Cyclical Basic Mat Cons Cycli Financial S Real Estat	cal 11.25 Svcs 19.23	Sensitive Comm Svcs Energy Industrials Technology	% Equity 39.58 5.87 4.75 11.81 17.16	Defensive Cons Defensive Healthcare Utilities	% Equity 20.90 8.77 10.22 1.90
Cycli	icai					

Stock Sectors

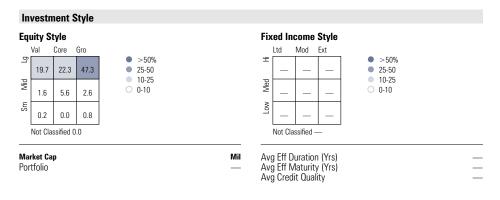
Top Countries					
Name Japan United Kingdom China France	% Equity 13.38 8.78 7.76 7.21	Name Sweden Denmark United States Norway	% Equity 1.75 1.60 1.56 1.22	Name Belgium Chile Malaysia Thailand	% Equity 0.27 0.23 0.19 0.19
India Taiwan Switzerland Germany South Korea Canada	6.71 5.77 5.05 4.34 3.85	Other Countries Singapore Spain Hong Kong Finland Portugal	0.93 0.91 0.70 0.68 0.67	Israel New Zealand Ireland Austria Greece Russia	0.09 0.07 0.07 0.05 0.05
Mexico Netherlands Australia Brazil Italy	3.82 3.68 3.20 2.49 2.02	Indonesia South Africa Turkey Philippines Poland	0.58 0.57 0.48 0.46 0.28	Hungary Czech Republic Pakistan 43	0.02 0.01 0.00 99.73



Town of Ledyard Proposed International Allocation



Portfolio Constituents										
Name	Weight(%)	Mkt Val								
Ledyard Proposed Intl 06-2024	100.00	100.00								
	100.00	10,000.00								



World Regions	
Region Americas North America Latin America	% Equity 24.86 16.48 8.38
Greater Europe United Kingdom Europe Developed Europe Emerging Africa/Middle East	39.49 10.55 28.00 0.19 0.75
Greater Asia Japan Australasia Asia Developed Asia Emerging	35.65 9.99 0.42 12.15 13.08
Not Classified	NA
Market Maturity Developed Markets Emerging Markets Not Available	77.60 22.40 NA

Stock Sectors						
Curling	Portfolio Cyclical Basic Matls Cons Cyclical Financial Svcs Real Estate	% Equity 38.74 6.46 11.98 19.12 1.18	Sensitive Comm Svcs Energy Industrials Technology	% Equity 46.79 6.07 3.63 14.77 22.32	Defensive Cons Defensive Healthcare Utilities	% Equity 14.47 4.30 9.90 0.27

Top Countries					
Name United States United Kingdom Japan Brazil China	% Equity 13.29 10.55 9.99 7.37 6.57	Name Italy Hong Kong South Africa Belgium Sweden	% Equity 1.14 0.77 0.74 0.62 0.53	Name Ireland Austria New Zealand Portugal Poland	% Equity 0.00 0.00 0.00 0.00 0.00
France Taiwan India Switzerland Netherlands	6.43 6.22 6.07 5.86 5.55	Thailand Australia Other Countries Mexico Singapore	0.44 0.42 0.39 0.38 0.36	Indonesia 36	0.00 99.37
Germany South Korea Canada Denmark Spain	4.98 4.42 3.19 1.55 1.15	Hungary Norway Finland Israel Czech Republic	0.19 0.17 0.01 0.01 0.00		





Ledyard

Trade Recommendation Worksheet Unreconciled Balance Current **Target** Resulting Resulting Ticker CUSIP **Investment Name** Trade Amount As of: 8/9/2024 Allocation Allocation **Balances** Allocation Cash \$212,460 0.7% 3.0% \$41,518 \$253,978 0.8% **CASH** \$212,460 \$253.978 Cash 0.7% 3.0% \$41.518 0.8% Fixed Income \$12,872,400 42.4% 41.0% \$0 \$12,872,400 42.4% \$3,149,501 Vanguard Total Bond Market Index Fund Adm Shar **VBTLX** 921937603 10.4% 10.0% \$3,149,501 10.4% Baird Aggregate Bond Fund Instl BAGIX 057071854 \$2,208,342 7.3% 7.0% \$2,208,342 7.3% Harbor Core Bond Fund Retirement HCBRX 411512197 \$2,205,567 7.3% 7.0% 7.3% \$2,205,567 PGIM Total Return Bond Fund - Class R6 PTRQX 74440B884 \$4,043,648 13.3% 13.0% \$4,043,648 13.3% BlackRock Strategic Income Opportunities K **BSIKX** 09260B374 \$1,265,342 4.2% 4.0% \$1,265,342 4.2% \$0 \$9,931,377 Domestic Equity \$9,931,377 32.7% 32.0% 32.7% Touchstone Large Cap Focused Fund Cl I **SCRLX** 89154Q273 \$2,118,664 7.0% 7.0% \$2,118,664 7.0% VINIX Vanguard Institutional Index Fund I 922040100 \$4,299,437 14.2% 14.0% \$4,299,437 14.2% Neuberger Berman Equity Fds Genesis Cl R6 NRGSX 64122Q531 \$1,839,078 6.1% 6.0% \$1,839,078 6.1% William Blair Small Cap Value Fund Class R6 WBVRX 2.6% 969251461 \$798,745 2.6% 2.5% \$798,745 Hood River Small Cap Growth Fund HRSIX 56170L505 \$875,454 2.9% 2.5% \$875,454 2.9% International Equity \$6,561,786 21.6% 21.5% (\$41,518) \$6,520,268 21.5% Vanguard Total International Stock Index Fund Adr VTIAX 921909818 \$2,445,268 8.1% 3.5% (\$1,375,000) \$1,070,268 3.5% Dodge & Cox International Stock Fund DODFX 256206103 \$0 0.0% 6.0% \$1,825,000 \$1,825,000 6.0% \$0 John Hancock International Dynamic Growth R6 JIJRX 47803N448 0.0% 6.0% \$1,825,000 \$1,825,000 6.0% T. Rowe Price Overseas Stock Fund I Class TROIX 77956H435 \$2,256,095 7.4% 0.0% (\$2,256,095) \$0 0.0% Wasatch Emerging Markets Select Instl WIESX 936793744 0.0% \$900,000 \$900,000 \$0 3.0% 3.0% Invesco Developing Markets Fund Class R6 ODVIX 00143W859 \$1,860,423 6.1% 0.0% (\$1,860,423) 0.0% \$0 ARGA Emerging Markets Value Instl ARMIX 00775Y207 \$0 0.0% 3.0% \$900,000 \$900,000 3.0% \$0 Real Assets \$797.580 2.6% 2.5% \$797,580 2.6% **DWS RREEF Real Assets R6** AAAVX 25159K713 \$797,580 2.6% 2.5% \$797,580 2.6% Investment Portfolio Total \$30,375,604 100.0% 100.0% \$0 \$30,375,604 100.0%



Town of Ledyard

Trade Recommendation Worksheet

Investment Name	Ticker	Current Portfolio Targets	Current Expense Ratio	Proposed Portfolio Target	Proposed Expense Ratio
Cash		3.0%		3.0%	
Cash	CASH	3.0%	-	3.0%	-
Fixed Income		41.0%		41.0%	
Vanguard Total Bond Market Index Fund Adm Shares	VBTLX	10.0%	0.05%	10.0%	0.05%
Baird Aggregate Bond Fund Instl	BAGIX	7.0%	0.30%	7.0%	0.30%
Harbor Core Bond Fund Retirement	HCBRX	7.0%	0.26%	7.0%	0.26%
PGIM Total Return Bond Fund - Class R6	PTRQX	13.0%	0.39%	13.0%	0.39%
BlackRock Strategic Income Opportunities K	BSIKX	4.0%	0.65%	4.0%	0.65%
Domestic Equity		32.0%		32.0%	
Touchstone Large Cap Focused Fund Cl I	SCRLX	7.0%	0.04%	7.0%	0.04%
Vanguard Institutional Index Fund I	VINIX	14.0%	0.71%	14.0%	0.71%
Neuberger Berman Equity Fds Genesis Cl R6	NRGSX	6.0%	0.74%	6.0%	0.74%
William Blair Small Cap Value Fund Class R6	WBVRX	2.5%	0.79%	2.5%	0.79%
Hood River Small Cap Growth Fund	HRSIX	2.5%	0.99%	2.5%	0.99%
International Equity		21.5%		21.5%	
Vanguard Total International Stock Index Fund Admiral Shs	VTIAX	8.0%	0.12%	3.5%	0.12%
Dodge & Cox International Stock Fund	DODFX	0.0%	0.41%	6.0%	0.41%
John Hancock International Dynamic Growth R6	JIJRX	0.0%	0.84%	6.0%	0.84%
T. Rowe Price Overseas Stock Fund I Class	TROIX	7.5%	0.67%	0.0%	0.67%
Wasatch Emerging Markets Select Instl	WIESX	0.0%	1.13%	3.0%	1.13%
Invesco Developing Markets Fund Class R6	ODVIX	6.0%	0.88%	0.0%	0.88%
ARGA Emerging Markets Value Instl	ARMIX	0.0%	0.87%	3.0%	0.87%
Real Assets		2.5%		2.5%	
DWS RREEF Real Assets R6	AAAVX	2.5%	0.90%	2.5%	0.90%
Estimated Annual Expense Ratio		0.4	5%	0.4	7%

International Large Cap Value (EAFE)

Fund / Manager	Dodge & Cox International Stock I
Status	Maintain
Manager (Tenure in Years)	Team (20.5)
Net Assets (\$ Millions)	\$49,805
Firm	- Founded in 1930, employee-owned Dodge &
• ••••	Cox focuses solely on the management of a
	small number of value strategies.
	- The team-based approach to investment
	management is a hallmark of the firm.
Team	 The portfolio is managed by the firm's International Equity Investment Committee ("IEIC"); the IEIC typically consists of between six and ten investment professionals. The IEIC leverages the work of the firm's team of global industry analysts; the Director of Research coordinates the work of the analyst team.
Philosophy/Process	 The strategy seeks to invest in undervalued, often out-of-favor, companies based on their long-term profit potential. The team employs a research-intensive, fundamentally driven bottom-up approach to stock selection. Analysts focus on assessing a company's valuation, growth prospects, business strategy and financial results and build detailed integrated financial statement models based on their assessment of a company's profit and cash flow prospects over the next three to five years in various scenarios. Analysts present ideas to one of five sector committees, which must approve an idea before it goes to the IEIC. Analysts subsequently present to the IEIC, who votes anonymously in real-time on all portfolio management decisions.
Portfolio Construction	 The portfolio typically holds between 60 and 100 stocks; turnover has historically been in the range of 10-20 percent annually. Position sizes typically range from a half a percent to five percent of assets; initial positions typically do not exceed one percent of assets.
Expense Ratio	0.62
-	



International Large Cap Value (EAFE) Return, Standard Deviation and Peer Group Comparisons

6/30/2024

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Manager or Index Annual Returns (%) as of 6/30/2024									r Year Re	Volatility (%) as of 6/30/2024							
	1 Year	3 Year	5 Year	7 Year	10 Year	2024 YTD	2023	2022	2021	2020	2019	2018	1 Year	3 Year	5 Year	7 Year	10 Yea
MSCI EAFE Value	13.7	5.5	6.1	4.6	3.0	4.5	19.0	(5.6)	10.9	(2.6)	16.1	(14.8)	13.4	16.3	19.2	17.5	16.3
Dodge & Cox International Stock I	8.7	3.6	6.7	4.8	3.5	3.2	16.7	(6.8)	11.0	2.1	22.8	(18.0)	15.5	17.6	21.0	19.5	18.1
MSCI EAFE Value	13.5	3.5	5.3	4.4	2.8	4.7	17.3	(8.6)	10.5	(0.8)	15.7	(14.0)	13.2	15.6	18.5	17.1	16.0
Annualized		<u> </u>		1. 1	0			, ,	·	s of 6/30/		(11.0)		Index (MSCI			10.0
8 Aillidailzed	Neturns as	01 0/30/20	724			15	3-11	ai Netuii	i & Nisk a	15 01 0/30/	2024		l '`	index (WSCI	EAFE Value)		
7						40								Dodge &	Cox Inter	mational S	Stock I
						13											
6						11											
5																	
4						9											
						Return 7											
3						8 –											
2						5											
1						3											
											D	fforontial	- AND				
ω	σ ₁ 1									Batting A		fferentiat	s Protection	n (5 Vre)			
Ye	Ye			o ≺		(1)							1) Dodge			odge (1099	•
മ	<u>ਕ</u>			ear		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1) Douge	(1076)	1) L	ouge (109)	/0)
Managor or Indox Poor			ankinga s	o of 6/20/	/2024						nk		-				
Manager or Index	1 Year	r Group R 3 Year	5 Year	7 Year		2024 YTD		2022	2021	Group Ra 2020	2019	2018					
MSCI EAFE Value	23	24	5 Teal 52	7 Teal	62	42	36	19	57	80	75	43					
					 							<u> </u>	High Alph	na (5 Yrs)	Low	/-to-High Be	eta (5 Yrs
Dodge & Cox International Stock I	75	53	39	49	43	65	64	29	56	48	13	82	1) Dodge	` ,		odge (1.07	`
													- Douge	(0.4)	'/'	70agc (1.07	
Peer Group Range	Pee	r Group S	preads a	s of 6/30/2	2024		Ca	endar Ye	ar Peer G	roup Spre	ads		Low Vol (•		to-High E>ر-to-High	_
	1 Year	3 Year	5 Year	7 Year	10 Year	2024 YTD	2023	2022	2021	2020	2019	2018	1) Dodge	(21.0)	1) L	odge (0.62	2)
10th Percentile	16.4	7.2	8.5	6.5	4.6	7.6	21.8	(3.6)	16.7	7.4	23.8	(9.8)					
25th Percentile	13.5	5.4	7.5	5.9	4.2	5.9	19.8	(6.4)	14.4	4.9	20.8	(12.4)					
50th Percentile	11.5	3.7	6.2	4.8	3.3	4.2	17.9	(9.1)	11.6	1.9	18.3	(15.3)					
75th Percentile	8.6	1.8	4.8	3.8	2.7	2.1	15.5	(11.8)	9.4	(1.9)	16.0	(17.5)	A=: -				
		1			1 4 6			1 (446)					ATho Potting	ALIONORO MODO	the free	ional of rolling	3-vear nerion
90th Percentile Top/Bottom Quartile spread	4.6 +4.9	0.1 +3.6	3.8 +2.7	2.7 +2.0	1.9 +1.5	(0.2) +3.8	12.6 +4.3	(14.2) +5.4	7.0 +5.0	(5.9) +6.9	14.7 +4.8	(18.8) +5.1			ures the frequescer of 10 year	rs or each fund	



International Large Cap Value (EAFE) MPT and Other Quantitative Risk and Return Metrics

6/30/2024

	Past 10-Year Metrics as of 6/30/2024									Past 5-Year Metrics as of 6/30/2024						Max Drawdowns (10 yrs)		
Managers vs. MSCI EAFE Value	Correl / R ²	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)		DOWN Capture	Correl / R2	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	2/2018 - 3/2020	7/2014 - 2/2016	6/2021 - 9/2022	
MSCI EAFE Value	1/1	1	0	0.09	0/0	100%	100%	1/1	1	0	0.20	0/0	100%	100%	-32.6%	-24.2%	-22.8%	
Dodge & Cox International Stock I	0.97 / 0.94	1.08	0.4	0.11	4.5 / 0.11	113%	107%	0.98 / 0.96	1.07	0.4	0.22	4.6 / 0.14	116%	109%	-34.2%	-27.7%	-21.7%	
Managers vs. MSCI EAFE Value	Monthly, 12-month and 36-month batting averages vs. MSCI EAFE Value for 10 Years (or manager inception date)											Graph	Legend					
	1 Month Periods	% + Months	12 Month periods	% + 12- Months	36 Month Periods	% + 36 Months	Return Start Date		_	Dodge	& Cox	Internat	ional S	tock I				
Dodge & Cox International Stock I	120	53%	109	53%	85	76%	Jun-14]										
								-										
								1										
								1										
	-							-										
5.0%			Rolling	36-Mo	nth Out	perforn	nance \	ersus t	he MSC	I EAFE	Value							
4.0%																		
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International Large Cap Growth (EAFE)

Fund / Manager	JHancock International Dynamic Gr R6
Status	Maintain
Manager (Tenure in Years) Net Assets (\$ Millions)	Team (5.3) \$846
Firm	-Axiom was founded in 1998 by Andrew Johnston, who serves as the firm's CIO and CEO and is the lead portfolio manager on the Axiom International Equity StrategyThe firm is a specialist in global growth equity investing.
Team	-The lead portfolio manager for the strategy is Andrew JohnstonMr. Johnston is supported by co-Portfolio Manager, Bradley Amoils and Associate Portfolio Manager, Dean BumbacaAxiom operates with one central research team, comprised of seven global sector analysts, working across the firm's strategies.
Philosophy/Process	-Axiom utilizes a "dynamic growth" philosophy, defined as investing in wide-moat, quality companies that achieve underappreciated, sustainable business accelerations over a medium-term time horizon. -The investment process is extremely data intensive, cataloguing a wide array of datapoints related to specific companies the team monitors, as well as industry and macroeconomic trends and news. -The data is collected, organized, and categorized through the firm's proprietary database, Axware. -Research is focused around three "alpha drivers," including positive change (60% weight), sustainability of growth (20%), and valuation (20%).
Portfolio Construction	-The portfolio can hold between 40-80 securities but is generally around 50 holdingsPosition sizes max out at 5% with a typical hold period between 18 to 36 months.
Expense Ratio	0.84



International Large Cap Growth (EAFE) Return, Standard Deviation and Peer Group Comparisons

6/30/2024

Manager or Index	۸۳	nual Retu	rne (0/ \ ac	of Elania	2024	T		Calanda	r Voor Do	turns (%)			I	Volatilita	(0/s) an af	6/30/2024	30/2024
Manager or index						0004 VTD	2022					2040	4 Vaar				
	1 Year		3 Year			2024 YTD		2022	2021	2020	2019	2018	1 Year	2 Year	3 Year	4 Year	
MSCI EAFE Growth	9.4	14.7	0.1	7.0	6.5	6.2	17.6	(22.9)	11.3	18.3	27.9	(12.8)	16.9	19.3	19.2	18.3	18.0
JHancock International Dynamic Gr R6	29.8	21.5	2.6	11.9	12.7	25.3	19.0	(31.4)	18.7	36.7	N/A	N/A	19.4	20.0	20.9	19.4	19.6
MSCI EAFE Growth	9.9	11.6	(2.6)	5.4	5.5	6.7	14.0	(23.1)	5.1	22.2	27.3	(14.4)	16.1	18.7	18.1	17.2	17.4
25 Annualized R	eturns as	of 6/30/20	24			45	3-Y	ear Returr	ı & Risk a	s of 6/30/	2024		/+	Index (MSCI	EAFE Growth)	
20						15								JHancoc	k Internat	ional Dyna	amic Gr
20						13								R6			
						11											
15						9											
						E _											
10						Return 2											
5						5 3											
						1								D	ifferentiat	ors	
N *	ω ≺			5 ~		-							Batting A	verage^	Los	s Protection	n (3 Yrs)
ear	'ear			'ear		(1)	12 13	14 15 S 1	10 17 candard De	l 1∂ 1⁄3 b viation	2 2 2	24 23	1) JHance	ock (68%)	1) J	Hancock (1	101%)
Manager or Index	Pee	r Group R	ankings a	as of 6/30	/2024		С	alendar Y	ear Peer	Group Ra	nk						
	1 Year	2 Year	3 Year	4 Year	5 Year	2024 YTD	2023	2022	2021	2020	2019	2018					
MSCI EAFE Growth	48	34	36	40	45	47	43	39	34	74	61	39					
JHancock International Dynamic Gr R6	1	1	9	2	1	1	25	85	4	12	N/A	N/A	High Alph			-to-High Be	•
													1) JHanc	ock (2.6)	1) J	Hancock (1	1.01)
													-				
Door Crown Dones	l Dod	Croup G	'nroada a	f 6/20/	2024	1	Co	landar Va	ar Baar C	roup Coro		•	Low Vol (2 Vro	Low	-to-High Ex	yponso
Peer Group Range		er Group S				2024 VTD				roup Spre		2049		<u>3 115)</u> ock (20.9)		-to-підіт Ел Hancock (С	
10th Percentile	1 Year 16.4	2 Year 17.2	3 Year 2.6	4 Year 9.2	5 Year 9.2	2024 YTD 12.3	2023 21.1	2022 (17.7)	2021 16.7	2020 43.2	2019 34.7	2018 (8.3)	i) or lario	JUN (20.9)	1) 3.	Tarrooch (C	i)
25th Percentile	13.1	15.6	0.7	8.3	7.8	8.5	19.0	(20.8)	12.4	30.5	32.1	(11.5)					
50th Percentile	9.2	13.1	(1.5)	6.0	6.2	6.0	16.6	(24.5)	9.4	22.4	29.1	(14.0)	-				
75th Percentile	6.5	10.9	(4.8)	4.1	4.8	3.3	14.4	(29.4)	5.3	18.0	26.9	(16.6)	-				
90th Percentile	2.4	8.4	(8.1)	1.2	3.3	1.6	10.2	(32.5)	0.4	14.7	24.8	(17.7)	^The Batting	Average mea	sures the frequ	ency of rolling	3-year perio
Top/Bottom Quartile spread	+6.6	+4.7	+5.6	+4.1	+3.0	+5.2	+4.6	+8.6	+7.2	+12.5	+5.2		outperformandate.	nce from the le	sser of 5 years	or each fund's	s inception



International Large Cap Growth (EAFE) MPT and Other Quantitative Risk and Return Metrics

6/30/2024

	Past 5-Year Metrics as of 6/30/2024						Past 3-Year Metrics as of 6/30/2024							Max Drawdowns (5 yrs)			
Managers vs. MSCI EAFE Growth	Correl /	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	Correl / R2	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	1/2022 - 9/2022	1/2020 - 3/2020	9/2020 10/2020
MSCI EAFE Growth	1/1	1	0	0.24	0/0	100%	100%	1/1	1	0	(0.16)	0/0	100%	100%	-33.0%	-17.5%	-4.6%
JHancock International Dynamic Gr R6	0.92 / 0.84	1.00	6.2	0.54	7.8 / 0.8	119%	94%	0.93 / 0.86	1.01	2.6	(0.02)	7.8 / 0.33	115%	101%	-37.8%	-16.7%	-1.3%
Managers vs. MSCI EAFE Growth	Monthly,			_	averages vs. inception da		E Growth					Graph	Legend				
	1 Month Periods	% + Months	12 Month periods	% + 12- Months	36 Month Periods	% + 36 Months	Return Star Date	t		JHanc	ock Inte	ernation	al Dyna	mic Gr	R6		
JHancock International Dynamic Gr R6	60	60%	49	54%	25	68%	Apr-19										
								_									
	<u> </u>							-									
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7.0%			Rolling	36-Mor	nth Outp	erform	ance V	ersus th	e MSC	IEAFE	Growth						\neg
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Emerging Markets Value Equity

Fund / Manager	ARGA Emerging Markets Value Instl
Status	Maintain
Manager (Tenure in Years)	Team (3.1)
Net Assets (\$ Millions)	\$723
Firm	 ARGA Investment Management, LP – founded in 2010 by A. Rama Krishna – is headquartered in Stamford, Connecticut. ARGA manages value- oriented international, global, and domestic equity portfolios.
Team	 The strategy is managed by the Portfolio Construction Team ("PCT") consisting of three members: Chief Investment Officer Rama Krishna and Global Business Analysts Takashi Ito and Sujith Kumar. The PCT is supported by ARGA's Director of Research and its team of global business analysts and research associates.
Philosophy/Process	 The strategy takes a long-term perspective and employs a bottom-up, fundamentally driven approach and seeks to invest in businesses trading at a discount to intrinsic value. The front-end screen ranks every stock in the universe on key value metrics including price to earnings, price to book, dividend yield and normalized earnings yield adjusted for return on invested capital. The PCT and Director of Research assign the analysts companies in the cheapest quintile for fundamental research. The analysts conduct oneweek research projects and present to the PCT; if the stock warrants further analysis the analyst performs a detailed research project. The analysts determine intrinsic value using ARGA's multi-stage dividend discount model.
Portfolio Construction	 Position sizes are determined based on a stock's upside-to-downside profile and ARGA's level of conviction. Initial position sizes typically range from 1% to 3% and tend to increase as ARGA builds conviction in the thesis; positions are limited to 5% of the portfolio at the time of purchase and 8% based on market value. The portfolio typically holds between 35 and 80 stocks.
Expense Ratio	0.87



Emerging Markets Value Equity Return, Standard Deviation and Peer Group Comparisons

## ARCA Emerging Markets Value 14.1 8.0 (1.1) 8.2 2.9 8.5 14.2 (15.8) 4.0 5.5 12.0 (10.7) 44.6 17.6 18.1 ## ARCA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## Annuelized Returns as of 6/30/2024 3-Year Return & Risk as of 6/30/2024 7-	6/30/202																	
## ARGA Emerging Markets Value 14.1 3.0 (1.1) 8.2 2.9 8.5 14.2 (15.8) 4.0 5.5 12.0 (10.7) 14.6 17.8 16.1 ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 25.0 (17.9) 17.7 18.8 18.5 ## ARGA Emerging Markets Value 7.8	of 6/30/2024			6)	turns (%)	Year Re	Calendar			024	of 6/30/2	rns (%) as	nual Retu	Anı	Manager or Index			
ARGA Emerging Markets Value instil 8.7 14.0 4.1 N/A N/A 5.5 18.7 (1.2) N/A N/A N/A N/A N/A N/A 15.1 21.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 1	r 4 Year 5 Year	3 Year	2 Year	1 Year	2018	2019	:	2020	2021	2022	2023	2024 YTD	5 Year	4 Year	3 Year	2 Year	1 Year	
MSCI Emerging Markets Value 7.8 9.0 (3.4) 6.2 4.2 0.5 13.2 (21.4) 10.1 12.3 2.5 0 (17.9) 17.7 18.8 18.5 18.5 16.3 Annualized Returns as of 6/30/2024 3.4 a 3	16.3 18.4	16.1	17.6	14.6	(10.7)	12.0		5.5	4.0	(15.8)	14.2	6.5	2.9	8.2	(1.1)	9.0	14.1	MSCI Emerging Markets Value
MSCI Emerging Markets Value 7,8 9,0 (3.4) 6,2 4,2 0,5 13,2 (21.4) 10,1 12,3 25,0 (17.9) 17,7 18,8 18,5 15,5 15 Annualized Rotums as of 6/30/2024 3. Syear Rotum & Risk as of 6/30/2024 4. ARGA Emerging Market Value 8, 1 Year 2 Year 3 Year 4 Year 5 Year 2 1,0 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 10,1 12,3 2,5 10,1 12,3 12,5 10,1 12,3 2,5 10,1 12,3 12,5 10,1 12,5 10,5 10,5 10,5 10,5 10,5 10,5 10,5 10	N/A N/A	19.0	21.0	15.1	N/A	N/A		N/A	N/A	(1.2)	16.7	5.5	N/A	N/A	4.1	14.0	8.7	ARGA Emerging Markets Value Instl
Annualized Returns as of 6/30/2024 Annualized Returns as of 6/30/2024 ARGA Emerging Mark ARGA Emerging Markets Value 37																		
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Annualized Returns as of 6/30/2024 Annualized Returns as of 6/30/2024 ARGA Emerging Maria ARGA (50%) ARGA (50%) ARGA (50%) ARGA (50%) ARGA Emerging Maria ARGA (50%)																		
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ARGA Emerging Markets Value Instit Peer Group Rankings as of 6/30/2024	<u> </u>		<u> </u>	 	,			•		, ,					,			Annualized Re
12 10 10 10 10 10 10 10																		16
10 8 6 4 4 2 6 6 6 6 6 6 6 6 6	Markets Value Insti	nerging Ma	ARGA Em									9						14
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Calendar Year Peer Group Ranks Value Inst Feer Group Spreads as of 6/30/2024 Calendar Year Peer Group Spreads Inst I						_			<u> </u>			(1) —						
Manager or Index Peer Group Rankings as of 6/30/2024 Calendar Year Peer Group Rank	1	: (f t : - t .	D:															
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Manager or Index	ARGA (98%)			_								(5)		Y e			Y e	Y e
Manager or Index	7 II (O7)	1,7	00,0,		24 23	21	20				12 13	<u></u>		2			<u> </u>	a r
1 Year 2 Year 3 Year 5 Year 2024 YTD 2023 2022 2021 2020 2019 2018				1			ank				С		2024	s of 6/30/	ankings a	Group R	Peei	Manager or Index
ARGA Emerging Markets Value Instl 74 14 3 N/A					2018			-				2024 YTD				-		3
ARGA Emerging Markets Value Instl 74 14 3 N/A				1	8	93		86	35	20	35	61	61	26	25	44	37	MSCI Emerging Markets Value
Peer Group Range Peer Group Spreads as of 6/30/2024 Calendar Year Peer Group Spreads Low Vol (3 Yrs)	w-to-High Beta (3 Yrs	Low-	a (3 Yrs)	High Alph	N/A	N/A		N/A	N/A	1	22	68	N/A	N/A	3	14	74	
1 Year 2 Year 3 Year 4 Year 5 Year 2024 YTD 2023 2022 2021 2020 2019 2018 1) ARGA (19.0) 10th Percentile 20.7 15.2 2.2 11.4 7.6 11.5 21.2 (13.0) 13.3 34.6 28.1 (11.3) 25th Percentile 16.2 11.6 (1.1) 8.4 5.7 9.5 16.2 (16.8) 6.4 23.6 23.4 (13.9) 50th Percentile 12.3 8.6 (4.6) 5.6 3.7 7.2 11.7 (20.9) 0.3 17.1 19.5 (16.0) 75th Percentile 8.5 5.7 (7.3) 3.0 2.1 4.5 8.8 (24.6) (3.5) 10.6 16.6 (18.5)	ARGA (1.11)	1) AF	(5.7)	1) ARGA									-		-			
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1 Year 2 Year 3 Year 4 Year 5 Year 2024 YTD 2023 2022 2021 2020 2019 2018 1) ARGA (19.0) 10th Percentile 20.7 15.2 2.2 11.4 7.6 11.5 21.2 (13.0) 13.3 34.6 28.1 (11.3) 25th Percentile 16.2 11.6 (1.1) 8.4 5.7 9.5 16.2 (16.8) 6.4 23.6 23.4 (13.9) 50th Percentile 12.3 8.6 (4.6) 5.6 3.7 7.2 11.7 (20.9) 0.3 17.1 19.5 (16.0) 75th Percentile 8.5 5.7 (7.3) 3.0 2.1 4.5 8.8 (24.6) (3.5) 10.6 16.6 (18.5)				1	l			<u> </u>		I								
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10th Percentile 20.7 15.2 2.2 11.4 7.6 11.5 21.2 (13.0) 13.3 34.6 28.1 (11.3) 25th Percentile 16.2 11.6 (1.1) 8.4 5.7 9.5 16.2 (16.8) 6.4 23.6 23.4 (13.9) 50th Percentile 12.3 8.6 (4.6) 5.6 3.7 7.2 11.7 (20.9) 0.3 17.1 19.5 (16.0) 75th Percentile 8.5 5.7 (7.3) 3.0 2.1 4.5 8.8 (24.6) (3.5) 10.6 16.6 (18.5)	ARGA (0.87)				2018							2024 YTD						
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75th Percentile 8.5 5.7 (7.3) 3.0 2.1 4.5 8.8 (24.6) (3.5) 10.6 16.6 (18.5)					(13.9)	23.4		23.6	6.4	(16.8)	16.2	9.5	5.7	8.4	(1.1)	11.6	16.2	25th Percentile
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90th Percentile 4.1 3.5 (10.0) 0.6 0.3 1.0 5.9 (28.7) (7.9) 1.8 12.6 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency outperformance from the lesser of 5 years or 6.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the frequency of 5.0 (20.9) *The Batting Average measures the first of 5.0 (20.9) *The Batting Average measures the first of 5.0 (20.9) *The Batting Average measures the first of 5.0 (20.9) *The Batting Average m					(20.9)		_			<u> </u>					` '			
Top/Bottom Quartile spread +7.7 +6.0 +6.2 +5.4 +3.6 +5.0 +7.4 +7.7 +9.9 +13.0 +6.8 +4.6					+4.6	+6.8	-	+13.0	+9.9	+7.7	+7.4	+5.0	+3.6	+5.4	+6.2	+6.0	+7.7	I op/Bottom Quartile spread



Emerging Markets Value Equity MPT and Other Quantitative Risk and Return Metrics

6/30/2024

		Past 5-Year Metrics as of 6/30/2024							Past 3-Year Metrics as of 6/30/2024							Max Drawdowns (5 yrs)		
lanagers vs. MSCI Emerging Markets Value	Correl /	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	Correl / R2	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	6/2021 - 10/2022	1/2020 - 3/2020	7/2019 8/201	
SCI Emerging Markets Value	1/1	1	0	0.04	0/0	100%	100%	1/1	1	0	(0.26)	0/0	100%	100%	-29.2%	-28.0%	-8.5%	
RGA Emerging Markets Value Instl	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.94 / 0.89	1.11	5.7	0.05	6.6 / 0.79	128%	98%	-24.4%	N/A	N/A	
anagers vs. MSCI Emerging Markets Value	Month	ly, 12-month Markets Va			g averages v anager incer							Graph	Legend					
	1 Month Periods	% + Months	12 Month periods	% + 12- Months	36 Month Periods	% + 36 Months	Return Start Date		_	ARGA	Emergi	ng Mark	ets Valı	ue Instl				
RGA Emerging Markets Value Instl	36	67%	25	76%	2	50%	Jun-21											
		Rollin	a 36-M	onth Oı	utperfor	mance	Versus	the MS0	Cl Emei	raina M	arkets \	/alue						
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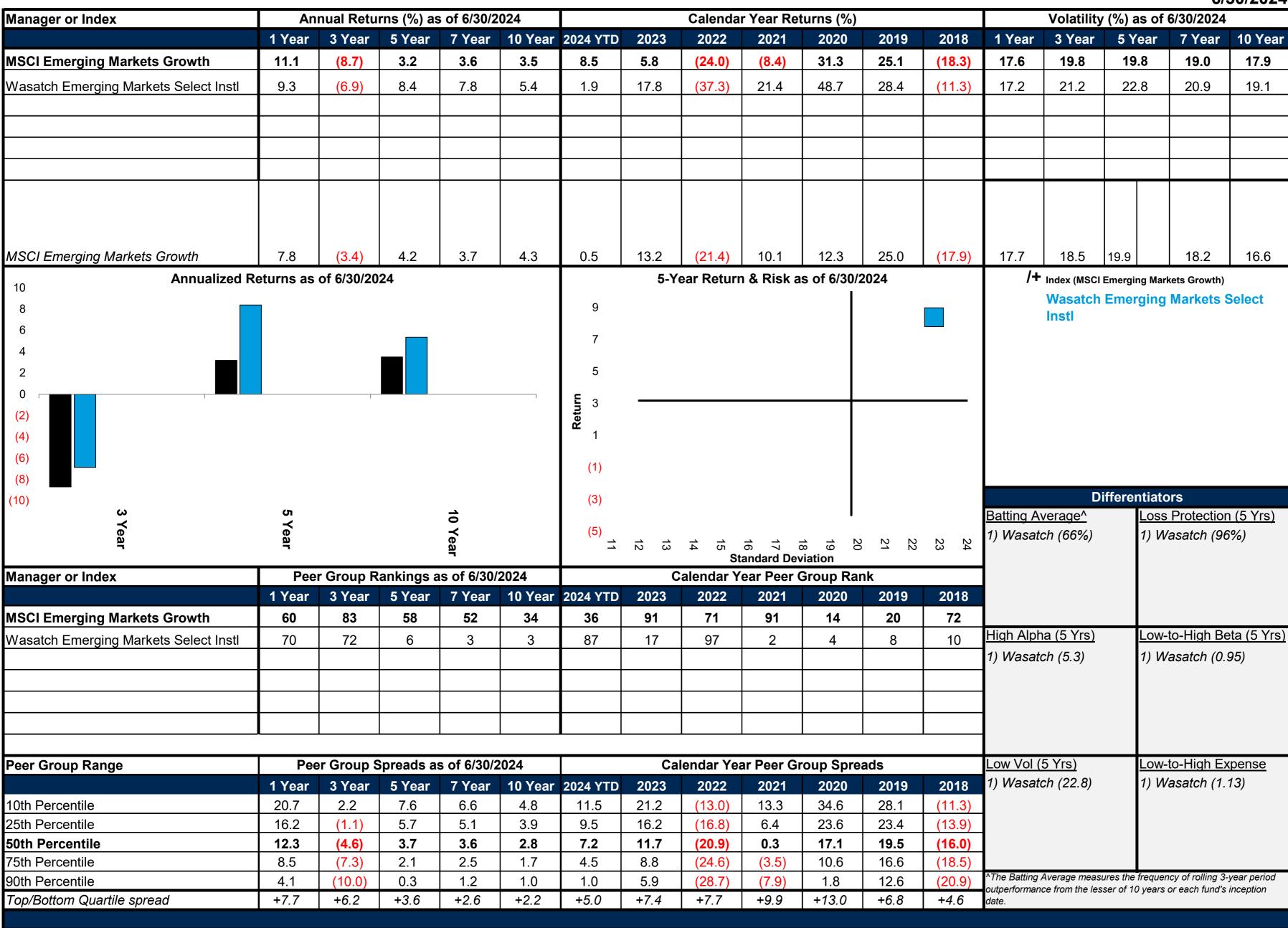
Emerging Markets Growth Equity

Fund / Manager	Wasatch Emerging Markets Select Instl
Status	Maintain
Manager (Tenure in Years)	Team (11.6)
Net Assets (\$ Millions)	\$465
Firm	-Wasatch Global Investors was founded in 1975 and is based out of Salt Lake City, UtahThe firm is 100% employee-owned and is committed to maintaining this ownership structureWasatch's roots are in global growth equity investing, down market cap.
Team	-The team is led by Lead Portfolio Manager Ajay KrishanMr. Krishnan is supported by Co-Portfolio Manager Neal Dihora and Associate Portfolio Managers Matthew Dreith and Scott ThomasThere are six dedicated members of the Emerging Markets teamThey are also supported by the broader ex- U.S. Team, which consists of 16 investment professionals.
Philosophy/Process	-The strategy operates under the philosophy that, over the long-term, earnings growth ultimately drives stock prices. -The strategy employs a team-based, bottomup, fundamentally driven approach and seeks to invest in high-quality, stable companies that have the potential to grow and compound their revenues and earnings over long periods of time. -The team develops an understanding of the underlying business model, the industry and competitive landscape, the quality of the management team and the market's expectations for a company. -Critical questions are identified for each investment thesis and the team seeks to answer those questions. The critical questions keep the team focused on identifying the key considerations that will make or break the investment thesis.
Portfolio Construction	-The portfolio is constructed on a bottom-up basis and typically holds 20 to 40 stocksMaximum position size is 8% at time of purchase and typical hold period is three to five years.
Expense Ratio	1.13



Emerging Markets Growth Equity Return, Standard Deviation and Peer Group Comparisons

6/30/2024





Emerging Markets Growth Equity MPT and Other Quantitative Risk and Return Metrics

6/30/2024

		Pas	t 10-Year	Metrics a	s of 6/30/2	024	Past 10-Year Metrics as of 6/30/2024								Max Drawdowns (10 yrs)			
lanagers vs. MSCI Emerging Markets Growth	Correl /	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	Correl / R2	Beta	Alpha (%)	Sharpe Ratio (%)	Track. Error / Info. Ratio (%)	UP Capture	DOWN Capture	2/2021 - 10/2022	2/2018 - 10/2018	5/2015 2/2010	
ISCI Emerging Markets Growth	1/1	1	0	0.11	0/0	100%	100%	1/1	1	0	0.05	0/0	100%	100%	-42.3%	-25.9%	-25.5	
Vasatch Emerging Markets Select Instl	0.83 / 0.69	0.89	2.1	0.20	10.8 / 0.17	98%	93%	0.82 / 0.67	0.95	5.3	0.27	13.2 / 0.4	117%	96%	-26.8%	-20.3%	-22.6	
anagers vs. MSCI Emerging Markets Growth	ľ	_			g averages v nanager inco							Graph	Legend					
	1 Month Periods	% + Months	12 Month periods	% + 12- Months	36 Month Periods	% + 36 Months	Return Start Date		_	Wasate	ch Emei	ging Ma	arkets S	Select Ir	nstl			
Wasatch Emerging Markets Select Instl	120	57%	109	56%	85	66%	Jun-14											
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International Stock Fund

CLASS I SHARES

DODFX June 30

Open to All Investors

Established in 1930, Dodge & Cox is one of the largest independently owned investment firms in the world. We manage money for individuals and institutions using a single value-oriented investment philosophy across a focused set of strategies.



Fund Inception May 1, 2001



Active Share¹ 86.4%



of Companies



Countries Represented²

Details

Expense Ratio	0.62%
Total Net Assets (billions)	\$47.6
CUSIP	256206103
Distribution Frequency	Annually
30-Day SEC Yield4	2.33%
Portfolio Turnover ⁵	11%
(1/1/2024 to 6/30/2024, unanr	nualized)

No sales charges or distribution fees

Risk Metrics (5 Years)

Beta (vs. MSCI ACWI ex USA)⁶ 1.14 Standard Deviation⁷ 20.78

Investment Committee

Managed by the International Equity Investment Committee, whose members' average tenure at Dodge & Cox is 21 years.

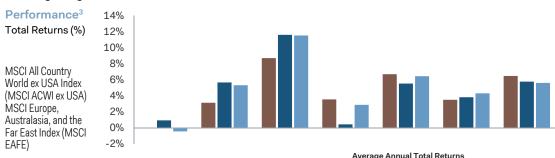
Investment Objective

Dodge & Cox International Stock Fund seeks long-term growth of principal and income.

Investment Approach

The Fund offers investors a highly selective, actively managed core international equity fund that typically invests in companies in developed markets, (excluding the United States), and emerging markets, based on our analysis of companies' fundamentals relative to their current valuations. Generally, we:

- Target a diversified portfolio of equity securities issued by medium-to-large, well-established non-U.S. companies that, in our opinion, appear to be temporarily undervalued by the stock market but have a favorable outlook for long-term growth.
- Select individual securities based on our analyses of various factors—including a company's financial strength, economic condition, competitive advantage, quality of the business franchise, financially material environmental, social, and governance (ESG) issues, and the reputation, experience, and competence of its management—as weighed against valuation.



	3 Months	YTD	1 Year	3 Years	5 Years	10 Years	20 Years
DODFX (Net)	0.02	3.15	8.72	3.57	6.71	3.52	6.49
MSCI ACWI ex USA	0.96	5.69	11.62	0.46	5.55	3.84	5.78
MSCI EAFE	-0.42	5.34	11.54	2.89	6.46	4.33	5.63

Returns represent past performance and do not guarantee future results. Investment return and share price will fluctuate with market conditions, and investors may have a gain or loss when shares are sold. Mutual fund performance changes over time and may be significantly lower than stated above. Performance is updated and published monthly. Visit the Fund's website at dodgeandcox.com or call 800-621-3979 for current month-end performance figures.

Hypothetical Growth of \$10,0003

For an investment made on June 30, 2004





Roger Kuo President (26 yrs at Dodge & Cox)



Mario DiPrisco Global Industry Analyst (26 yrs)



Bert Bangayan Global Industry Analyst (22 yrs)



Ray Mertens Global Industry Analyst (21 yrs)



Paritosh Somani Global Industry Analyst (17 yrs)

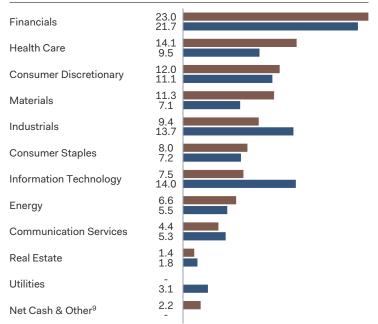


Sophie Chen Global Industry Analyst (12 yrs)

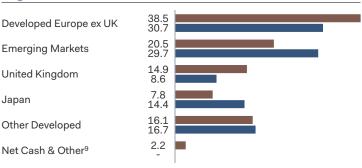
Portfolio Breakdown (% of Fund)

■ Fund ■ MSCI ACWI ex USA





Regions^{2,8}



		MSCI ACWI			MSCI ACWI
Ten Largest Equity Positions (% of Fund) ^{8,10}	Fund	ex USA	Portfolio Characteristics	Fund	ex USA
Novartis AG (Switzerland)	3.4	0.8	Price-to-Earnings (forward) ^{11,12}	10.8x	13.4x
Sanofi SA (France)	3.1	0.4	Price-to-Earnings (trailing) ¹¹	11.9x	15.6x
BNP Paribas SA (France)	3.1	0.3	Price-to-Book Value	1.4x	1.9x
Holcim AG (Switzerland)	3.0	0.2	Price-to-Sales ¹³	1.2x	1.5x
Banco Santander SA (Spain)	3.0	0.3	Weighted Average Market Cap. (billions) ¹⁴	\$96	\$93
Johnson Controls International PLC (United States)	2.9	-	Median Market Cap. (billions) ¹⁵	\$41	\$4
GSK PLC (United Kingdom)	2.8	0.3		·	
TotalEnergies SE (France)	2.7	0.6			
UBS Group AG (Switzerland)	2.6	0.4			
Taiwan Semiconductor Manufacturing Co., Ltd. (Taiwan)	2.4	2.8			

Risks

The Fund invests in individual stocks and other securities whose market values fluctuate within a wide range, so that your investment may be worth more or less than its original cost. The Fund's performance could be hurt by equity risk, market risk, manager risk, non-U.S. currency risk, liquidity risk, derivatives risk, and geographic risk. The Fund invests in foreign securities which involve political, economic and currency risks, greater volatility and differences in accounting methods. These risks are greater for emerging markets. Please read the prospectus for specific details regarding the Fund's risk profile.

- Active Share is a measure of how much an investment portfolio differs from its primary benchmark index, based on a scale of 0% (complete overlap with the index) to 100% (no overlap). Overlap for each security in the Fund is the lower of either its percentage weight in the Fund or its percentage weight in the relevant index. Active share is calculated as 100% minus the sum of the overlapping security weights.

 The Fund may classify a company or issuer in a different category than the Index. The Fund usually classifies a company or issuer based on its country of risk, but may designate a different country in certain 1
- 3 All returns are stated in U.S. dollars, unless otherwise noted. The Fund's total returns include the reinvestment of dividend and capital gain distributions, but have not been adjusted for any income taxes payable by Shareholders on these distributions or on Fund share redemptions. Index returns include dividend and/or interest income but, unlike Fund returns, do not reflect fees or expenses. SEC Yield is an annualization of the Fund's net investment income for the trailing 30-day period. Dividends paid by the Fund may be higher or lower than implied by the SEC Yield. Portfolio Turnover is calculated as the lesser of the portfolio purchases or sales divided by the average portfolio value for the period.

 Beta is a measure of the volatility-or systematic risk-of a portfolio compared to the benchmark measured over a specified time period.

- Standard Deviation measures the volatility of the Fund's returns. Higher Standard Deviation represents higher volatility.

- Net Cash & Other includes cash, short-term investments, unrealized gain (loss) on derivatives, receivables, and payables.

 The Fund's portfolio holdings are subject to change without notice. The mention of specific securities is not a recommendation to buy, sell, or hold any particular security and is not indicative of Dodge & Cox's
- current or future trading activity.

 The portfolio's Price-to-Earnings ratios exclude extraordinary items and negative earnings. Benchmark figures exclude extraordinary items but include negative earnings.

 Price-to-Earnings (forward) ratios are calculated using 12-month forward earnings estimates from third-party sources as of the reporting period. Estimates reflect a consensus of sell-side analyst estimates, which may lag as market conditions change.
- Portfolio and benchmark calculation excludes Financials, Utilities, and Real Estate.
- 14
- This figure sums the product of each holding's company market capitalization (market price multiplied by the number of shares outstanding) and weighting in the portfolio.

 Median market capitalization represents the midpoint of market capitalization for all of the equity securities in the portfolio. Half of the securities will have a higher market capitalization and half will have a lower market capitalization. (Market capitalization is a measure of the security's size. It is the market price of a security multiplied by the number of shares outstanding.)

Figures represented by a dash are zero or have no associated data while figures represented by a zero may be rounded to zero.

The MSCI ACWI (All Country World Index) ex USA Index is a broad-based, unmanaged equity market index aggregated from developed and emerging market country indices, excluding the United States. This is the Fund's Primary Benchmark. The MSCI EAFE (Europe, Australasia, Far East) Index is a broad-based, unmanaged equity market index aggregated from developed market country indices, excluding the United States and Canada. It covers approximately 85% of the free float-adjusted market capitalization in each country. Results reflect dividends net of withholding taxes. MSCI makes no express or implied warranties or representations and shall have no liability what soever with respect to any MSCI data contained herein. The MSCI data may not be further redistributed or used as a basis for other indices or any securities or financial products. This report is not approved, reviewed, or produced by MSCI.

MSCI ACWI ex USA is a service mark of MSCI. MSCI EAFE is a service mark of MSCI. For more information, visit dodgeandcox.com/index_disclosures.

Before investing in any Dodge & Cox Fund, you should carefully consider the Fund's investment objectives, risks, and charges and expenses. To obtain a Fund's prospectus and summary prospectus, which contain this and other important information, visit dodgeandcox.com or call 800-621-3979. Please read the prospectus and summary prospectus carefully before investing.



ARGA EMERGING MARKETS VALUE FUND

2nd Quarter 2024

INVESTMENT OBJECTIVE

Long-term capital appreciation

STRATEGY

Invest primarily in equity and equity-linked securities of emerging market companies that we consider undervalued

FUND OVERVIEW

Class	Institutional
Ticker	ARMIX
CUSIP	00775Y207
Inception	6/3/2021
Expense Ratio - Gross*	0.87%
Expense Ratio - Net*	0.87%
Minimum Investment	\$250K

^{*} Fee waivers are contractual until April 30, 2025

PORTFOLIO CHARACTERISTICS

# of Holdings	54
Market Cap - Wtd Avg	\$109.8B
Market Cap - Median	\$13.4B
Return on Equity - 5 Yr Avg	14.3%
Price to Earnings - FY1	8.9x
Price to Book	1.2x

TOP TEN HOLDINGS¹

SK Hynix	5.7%
TSMC	4.6%
Alibaba	4.5%
Gree	4.2%
Samsung Electronics	4.1%
Yageo	3.2%
Tencent	3.2%
COLI	3.2%
MTN Group	3.1%
Banco Bradesco	2.7%

CONTACT

www.argainvest.com

+1.203.614.0800

PERFORMANCE SUMMARY (as of 06/30/2024)

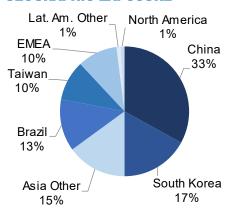
	QTD	YTD	1 Year	Annualized Since Inception
ARGA Emerging Markets Value Fund (Net)	4.27%	5.45%	8.71%	3.56%
MSCI Emerging Markets (Net)	5.00%	7.49%	12.55%	-5.06%
MSCI Emerging Markets Value (Net)	5.08%	6.46%	14.13%	-1.43%

Performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth less than their original cost and current performance may be higher or lower that the performance quoted. For performance current to the most recent month end, please call 866-234-ARGA (866-234-2742).

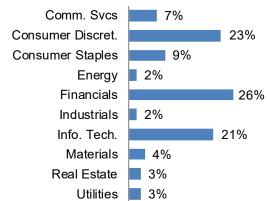
INVESTMENT APPROACH: CLASSIC VALUE

- ARGA invests in deeply undervalued businesses.
- · We believe fear and uncertainty create investment opportunity.
- Our approach is based on fundamental research and present value.
- · We manage risk through stress tests and diversification.
- Our disciplined process removes emotion from investment decisions.
- We integrate Environment, Social, and Governance (ESG) risks and opportunities including climate transition.
- · We believe our approach best maximizes client returns over time.

GEOGRAPHIC EXPOSURE¹



SECTOR EXPOSURE1



¹ Holdings, exposures and characteristics are rounded and subject to change without notice. The top ten holdings identified do not represent all the securities purchased, sold or recommended for inclusion in the Fund and no assumption should be made that such securities or future recommendations were or will be profitable in the future.

ABOUT ARGA

ARGA Investment Management, LP ("ARGA") is an independent investment management firm focused on global equities. We use a sophisticated process combining research and technology to identify businesses that are underpriced. We build portfolios of global businesses for clients around the world.



ARGA EMERGING MARKETS VALUE FUND

2nd Quarter 2024

Material Disclosures

This document does not constitute an offer of investment advisory services by ARGA Investment Management, LP ("ARGA") or any of its subsidiaries, nor does it constitute an offering of interests in any private fund; any such offering will be made solely pursuant to a private fund's offering memorandum. This document has been prepared for informational purposes only and is not intended to provide specific investment advice or recommendations to any recipient. This document is confidential, is intended only for the person to whom it has been sent and under no circumstances may a copy be shown, copied, transmitted or otherwise given to any person other than the authorized recipient without ARGA's prior written consent. The information contained in this document, including any expression of opinion or forecast, is provided for information purposes only and may be derived from sources ARGA believes to be reliable, but such data has not been independently confirmed and ARGA makes no representation or warranty as to its accuracy or completeness. To the fullest extent permitted by applicable law, ARGA expressly disclaims any liability whatsoever for errors and omissions in any information, and for any use or interpretation by others of any information, contained herein. Some of the information in this document is based on forward-looking statements including descriptions of anticipated market changes and expectations of future activity. Forward-looking statements involve risks, uncertainties and other factors that may cause actual results to be materially different from any future results implied by forward-looking statements. Although ARGA believes that such statements and opinions are based upon reasonable assumptions, undue reliance should not be placed on any of the forward-looking statements discussed herein.

Carefully consider the fund's investment objective, risk, and charges and expenses before investing. This and other information can be found in the fund's prospectus and the summary prospectus, which may be obtained by visiting www.argainvest.com/mutual-funds or by calling 866-234-ARGA (866-234-2742). Please read the prospectus or summary prospectus carefully before investing.

The benchmarks are the MSCI Emerging Markets Index (USD) and the MSCI Emerging Markets Value Index (USD) and are net of withholding taxes on dividends, interest income and capital gains. The MSCI Emerging Market Index captures large and mid cap representation across 24 Emerging Markets countries. The MSCI Emerging Markets Value Index captures large and mid cap securities exhibiting overall value style characteristics across 24 Emerging Markets countries. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. Indices are unmanaged and do not include the effect of fees. One cannot invest in an index.

Definitions:

Market Cap - Weighted Average is the average market capitalization (market price multiplied by the number of shares outstanding) of companies held in the portfolio weighted by security weight. Market Cap - Median is the midpoint of market capitalization (market price multiplied by the number of shares outstanding) of the companies held in the portfolio. Return on Equity - 5 Yr Avg is the weighted average of the previous 5-year ROE numbers of companies held in the portfolio. Price-to-Earnings - FY1 is the 12-month forward earnings estimates of companies from third-party sources as of the reporting period. Estimates reflect a consensus of sell-side analysts estimates, which may lag as market conditions change. ARGA uses weighted harmonic average to calculate the ratio of the portfolio as it is the most appropriate measure for ratios and rates because it equalizes the weights of each data point. Price to Book is a valuation ratio of a company's current share price compared to its book value. ARGA uses weighted harmonic average to calculate the ratio of the portfolio as it is the most appropriate measure for ratios and rates because it equalizes the weights of each data point. All portfolio characteristics are derived from FactSet.

Potential Risks:

There are risks involved in investing, including the loss of principal. There is no guarantee that the Fund will achieve its investment objective. Because the Fund is new, investors bear the risk that the Fund may not be successful in implementing its investment strategy or may fail to attract sufficient assets under management to realize economics of scale. International investments may involve additional risks including the fund's securities may decline in response to investor sentiment, general economic and market conditions, regional or global instability, and currency and interest rate fluctuations. Emerging markets involve heightened risks related to the same factors as well as increased volatility and lower trading volume. In addition, the impact of any epidemic, pandemic or natural disaster, or widespread fear that such events may occur, could negatively affect the global economy, as well as the economies of individual countries, the financial performance of individual companies and sectors, and the markets in general in significant and unforeseen ways. Any such impact could adversely affect the prices and liquidity of the securities and other instruments in which the Fund invests, which in turn could negatively impact the Fund's performance and cause losses on your investment in the Fund. Market risk may affect a single issuer, an industry, a sector or the equity or bond market as a whole.

The Fund may purchase and hold securities that present Environment, Social, and Governance (ESG) risks. The integration of ESG considerations may cause the Fund to perform differently compared to accounts that do not integrate ESG considerations. For example, ESG considerations may result in the Fund foregoing opportunities to buy certain securities when it might otherwise be advantageous to do so.

The funds are distributed by SEI Investment Distribution Company (SIDCO) 1 Freedom Valley Dr, Oaks PA 19456. SIDCO is not affiliated with ARGA. Check the background of SIDCO on FINRA's BrokerCheck.

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ARGA is an investment adviser registered with the United States Securities and Exchange Commission. ARGA is also registered in Canada as an adviser in the category of portfolio manager. ARGA manages global, international, and emerging markets equity portfolios for institutional and qualified investors.

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Emerging Markets Select Fund

AS OF JUNE 30, 2024

Investor Class: WAESX Institutional Class: WIESX



Fund Overview

- A concentrated, yet diversified high-conviction portfolio of 30-50 stocks
- Seeks the highest-quality growth companies in emerging markets
- Truly active, collaborative, bottom-up, fundamental process
- Systematic coverage of the emerging markets universe

Fund Facts

\$473M

Total Assets (all share classes)

\$41B .verage Market Cap

Number of Holdings

ABOUT THE FUND	Investor Class	Institutional Class
Inception	12/13/2012	12/13/2012
Minimum Initial Investment	\$2,000	\$100,000
Gross Expense Ratio	1.36%	1.13%
Net Expense Ratio	1.36%	1.13%
CUSIP	936793751	936793744

Net expense ratios reflect the expense waiver, if any, contractually agreed to through 1/31/2025.

FUND MANAGERS



Ajay Krishnan, CFA Lead Portfolio Manager Years of Experience: 29



Scott Thomas, CFA, CPA Associate Portfolio Manager Years of Experience: 19

MORNINGSTAR RATING™

Overall Morningstar Rating (out of 718 funds) $\star \star \star \star$ Morningstar Category Diversified Emerging Mkts

Rating based on risk-adjusted returns of the Investor Class as of 6/30/2024.

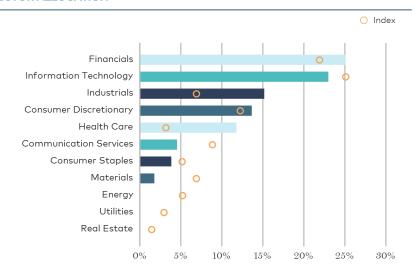
		TOTAL RI				TURNS	
INVESTMENT RESULTS AS OF 6/30/2024	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Inception
Investor Class: WAESX	4.22	1.88	9.08	-7.01	8.19	5.12	4.68
Institutional Class: WIESX	4.29	1.95	9.30	-6.87	8.40	5.36	4.95
MSCI Emerging Markets Index	5.00	7.49	12.55	-5.07	3.10	2.79	2.83
MSCI Emerging Markets Mid Cap Growth Index	1.07	1.60	7.42	-6.00	2.19	3.00	3.29
Returns for periods greater than one year are annualized.							
CALENDAR YEAR RETURNS	2017	2018	2019	2020	2021	2022	2023
Investor Class: WAESX	37.66	-11.50	28.04	48.36	21.33	-37.38	17.52
Institutional Class: WIESX	37.98	-11.26	28.40	48.71	21.41	-37.26	17.80
MSCI Emerging Markets Index	37.28	-14.57	18.42	18.31	-2.54	-20.09	9.83
MSCI Emerging Markets Mid Cap Growth Index	40.78	-11.72	15.34	13.94	1.87	-20.10	11.97

The performance data quoted represents past performance. Past performance does not guarantee future results. Current performance may be lower or higher than the data quoted. For the most recent month-end performance data, visit wasatchglobal.com. Investment returns and principal value will fluctuate and shares, when redeemed, may be worth more or less than their original cost. The Advisor may absorb certain expenses, without which total returns would have been lower. Wasatch Funds will deduct a 2% redemption fee on Fund shares held 60 days or less. Performance data does not reflect this redemption fee or taxes.

The Morningstar Rating for funds, or 'star rating', is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed end funds, and separate accounts) with at least a 3-year history. Exchange-traded funds and open ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its 3-, 5-, and 10 year (if applicable) Morningstar Rating metrics. The weights are 100% 3-year rating for 36-59 months of total returns, 60% 5 year rating/40% 3-year rating for 60-119 months of total returns, and 50% 10 year rating/30% 3-year rating/20% 3 year rating for 120 or more months of total returns. While the 10 year overall rating formula seems to give the most weight to the 10 year period, the most recent 3-year period actually has the greatest impact because it is included in all 3 rating periods. The Fund was rated 2, 4 and 4 stars against 718, 646 and 423 funds in the category for the for the 3-, 5- and 10-year periods, respectively. The Funds other share class may have different performance characteristics. Past performance is no guarantee of future results. 2024@Morningstar, Inc. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this informati

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SECTOR ALLOCATION



Weights are calculated as a percentage of total net assets including cash & cash equivalents.

COUNTRY ALLOCATION

COUNTRY ALLOCA	ATION				
	Fund	Index		Fund	Index
Developed	20.0%	-	Emerging and Frontier	79.1%	100.0%
United States	11.8		India	31.9	19.2
Japan	4.2		Taiwan	18.1	19.3
Singapore	2.7		Brazil	14.1	4.3
Hong Kong	1.3		China	8.0	25.3
			Mexico	3.9	2.1
			South Korea	3.1	12.1
			Other		17.7

Weights are calculated as a percentage of total net assets including cash & cash equivalents.

FUND CHARACTERISTICS	Fund	Index
Average Market Cap (\$ weighted)	\$41.2B	\$156.9B
Median Market Cap	\$11.0B	\$7.7B
Number of Holdings	33	1,330
Est. 5-year EPS Growth (%)	27.0	18.3
P/E (forward)	30.1	12.1
Portfolio Turnover (%)	24	n/a
Active Share (%)	94	n/a

PERFORMANCE STATISTICS	INVESTOR CLASS SHARES
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Alpha	5.69
Beta	1.04
R-Squared	0.71
Standard Deviation	22.66
Upside Capture	132.56
Downside Capture	98.72

Performance period: 5 year

TOP TEN HOLDINGS AS OF 3/31/2024

MercadoLibre, Inc.	7.8
NU Holdings Ltd. Class A	7.3
Bajaj Finance Ltd.	6.9
Globant SA	6.0
Lasertec Corp.	5.7
HDFC Bank Ltd.	5.2
Voltronic Power Technology Corp.	4.9
WEG SA	4.5
ASPEED Technology, Inc.	4.1
Raia Drogasil SA	3.8
Total	56%

Investing in foreign securities, especially in emerging markets, entails special risks, such as currency fluctuations and political uncertainties, which are described in more detail in the prospectus. Investing in small cap funds will be more volatile and loss of principal could be greater than investing in large cap or more diversified funds. Fund Objective: Long-term growth of capital

An investor should consider investment objectives, risks, charges and expenses carefully before investing. To obtain a prospectus, which contains this and other information, visit wasatchglobal.com or call 800.551.1700. Please read the prospectus carefully before investing.

Index represents MSCI Emerging Markets Index.

MSCI makes no express or implied warranties or representations and shall have no liability whatsoever with respect to any MSCI data contained herein. The MSCI data may not be further redistributed or used to create indices or financial products. This report is not approved or produced by MSCI. The MSCI Emerging Markets TR Net Index is a free float-adjusted market capitalization index designed to measure the equity market performance of emerging markets. The MSCI Emerging Markets Mid Cap Growth TR Net Index is an unmanaged free float-adjusted market capitalization index designed to measure the equity market performance of mid-cap representation exhibiting growth style characteristics of emerging markets. You cannot invest directly in any index.

Country Allocation is defined by the MSCI Country Classification Standard and may differ from the economic country classification used to determine qualifying investments. Est. 5-year EPS Growth %: Estimated percentage increase in earnings per share (EPS) per year of the fund's holdings over the next 5 years. Returns are not guaranteed and may be higher or lower. Source: Wasatch and FactSet.P/E Ratio (forward): Sum of stock prices of the fund's holdings divided by the aggregate earnings per share of those holdings for the next 12 months. Market Cap: Weighted average market capitalization of companies held by the fund, median is the midpoint. Portfolio Turnover. A measure of trading activity in a fund's portfolio over the past 12 months expressed as a percentage of the fund's average total assets. Alpha measures a fund's risk/reward potential. A positive alpha means the fund outperformed the index. A negative alpha means the fund underperformed the index. Beta measures a fund's sensitivity to market movements. The beta of the market is 1.0 by definition. R-Squared measures (from 0 to 1.0) how closely a fund's movements are correlated with movements of its benchmark. An R-squared of 1.0 would mean that the fund's movements are completely correlated with the movements of its benchmark. Active Share measures the difference between portfolio holdings and the benchmark Standard Deviation measures the degree to which a fund's performance has varied from its average performance over a particular time period. The greater the standard deviation, the greater a funds volatility (risk). Upside Capture explains how well a fund performs in time periods where the benchmark's returns are greater than zero. Downside Capture explains how well a fund performs in time periods where the benchmark's returns are greater than zero.

Wasatch Funds are distributed by ALPS Distributors, Inc.

Fund holdings are subject to risks and may change at any time. References to specific securities should not be construed as recommendations by the Fund or its Advisor.

Wasatch Global Investors | 505 Wakara Way, 3rd Floor | Salt Lake City UT 84108 | 800.381.1065 | wasatchglobal.com

WAS006025 10/20/2024

Definitions & Disclosures

Please note: Due to rounding methodologies of various data providers, certain returns in this report might differ slightly when compared to other sources

REGULATORY DISCLOSURES

Offer of ADV Part 2A: Rule 204-3 under the Investment Advisers Act of 1940 requires that we make an annual offer to clients to send them, without charge, a written disclosure statement meeting the requirements of such rule. We will be glad to send a copy of our ADV Part 2A to you upon your written request to compliance@fiducient.com.

INDEX DEFINITIONS

- Citigroup 3 Month T-Bill measures monthly return equivalents of yield averages that are not marked to market. The Three-Month Treasury Bill Indexes consist of the last three three-month Treasury bill issues.
- Ryan 3 Yr. GIC is an arithmetic mean of market rates of \$1 million Guaranteed Interest Contracts held for three years.
- Bloomberg Treasury U.S. T-Bills-1-3 Month Index includes aged U.S. Treasury bills, notes and bonds with a remaining maturity from 1 up to (but not including) 3 months. It excludes zero coupon strips.
- Bloomberg Capital US Treasury Inflation Protected Securities Index consists of Inflation-Protection securities issued by the U.S. Treasury.
- Bloomberg Muni Index is a rules-based, market-value-weighted index engineered for the long-term tax-exempt bond market. Bonds must be rated investment-grade by at least two ratings agencies.
- Bloomberg Muni 1 Year Index is the 1-year (1-2) component of the Municipal Bond index.
- Bloomberg Muni 3 Year Index is the 3-year (2-4) component of the Municipal Bond index.
- Bloomberg Muni 5 Year Index is the 5-year (4-6) component of the Municipal Bond index.
- Bloomberg Muni 7 Year Index is the 7-year (6-8) component of the Municipal Bond index.
- **Bloomberg Intermediate U.S. Gov't/Credit** is the Intermediate component of the U.S. Government/Credit index, which includes securities in the Government and Credit Indices. The Government Index includes treasuries and agencies, while the credit index includes publicly issued U.S. corporate and foreign debentures and secured notes that meet specified maturity, liquidity, and quality requirements.
- Bloomberg U.S. Aggregate Index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities.
- Bloomberg Global Aggregate ex. USD Indices represent a broad-based measure of the global investment-grade fixed income markets. The two major components of this index are the Pan-European Aggregate and the Asian-Pacific Aggregate Indices. The index also includes Eurodollar and Euro-Yen corporate bonds and Canadian government, agency and corporate securities.
- Bloomberg U.S. Corporate High Yield Index covers the universe of fixed rate, non-investment grade debt. Eurobonds and debt issues from countries designated as emerging markets (sovereign rating of Baa1/BBB+/BBB+ and below using the middle of Moody's, S&P, and Fitch) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-EMG countries are included.
- JP Morgan Government Bond Index-Emerging Market (GBI-EM) Index is a comprehensive, global local emerging markets index, and consists of regularly traded, liquid fixed-rate, domestic currency government bonds to which international investors can gain exposure.
- The S&P 500 is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.
- The Dow Jones Industrial Index is a price-weighted average of 30 blue-chip stocks that are generally the leaders in their industry.
- The NASDAQ is a broad-based capitalization-weighted index of stocks in all three NASDAQ tiers: Global Select, Global Market and Capital Market.
- Russell 3000 is a market-cap-weighted index which consists of roughly 3,000 of the largest companies in the U.S. as determined by market capitalization. It represents nearly 98% of the investable U.S. equity market.
- Russell 1000 consists of the largest 1000 companies in the Russell 3000 Index.
- Russell 1000 Growth measures the performance of those Russell 1000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 1000 Value measures the performance of those Russell 1000 companies with lower P/B ratios and lower forecasted growth values.
- Russell Mid Cap measures the performance of the 800 smallest companies in the Russell 1000 Index.
- Russell Mid Cap Growth measures the performance of those Russell Mid Cap companies with higher P/B ratios and higher forecasted growth values.
- Russell Mid Cap Value measures the performance of those Russell Mid Cap companies with lower P/B ratios and lower forecasted growth values.
- Russell 2000 consists of the 2,000 smallest U.S. companies in the Russell 3000 index.
- Russell 2000 Growth measures the performance of the Russell 2000 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2000 Value measures the performance of those Russell 2000 companies with lower P/B ratios and lower forecasted growth values.
- Russell 2500 consists of the 2,500 smallest U.S. companies in the Russell 3000 index.
- Russell 2500 Growth measures the performance of the Russell 2500 companies with higher P/B ratios and higher forecasted growth values.
- Russell 2500 Value measures the performance of those Russell 2500 companies with lower P/B ratios and lower forecasted growth values.
- MSCI World captures large and mid-cap representation across 23 Developed Markets countries. With 1,645 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.
- MSCI ACWI (All Country World Index) ex. U.S. Index captures large and mid-cap representation across 22 of 23 Developed Markets countries (excluding the United States) and 23 Emerging Markets countries. With 1,859 constituents, the index covers approximately 85% of the global equity opportunity set outside the US.
- MSCI ACWI (All Country World Index) ex. U.S. Small Cap Index captures small cap representation across 22 of 23 Developed Markets countries (excluding the US) and 23 Emerging Markets countries. With 4,368 constituents, the index covers approximately 14% of the global equity opportunity set outside the US.
- MSCI EAFE is an equity index which captures large and mid-cap representation across Developed Markets countries around the world, excluding the US and Canada. With 930 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

- MSCI EAFE Value captures large and mid-cap securities exhibiting overall value style characteristics across Developed Markets countries around the world, excluding the US and Canada. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. With 507 constituents, the index targets 50% coverage of the free float- adjusted market capitalization of the MSCI EAFE Index.
- MSCI EAFE Growth captures large and mid-cap securities exhibiting overall growth style characteristics across Developed Markets countries around the world, excluding the US and Canada. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend. With 542 constituents, the index targets 50% coverage of the free float-adjusted market capitalization of the MSCI EAFE Index.
- MSCI Emerging Markets captures large and mid-cap representation across 23 Emerging Markets countries. With 836 constituents, the index covers approximately 85% of the free-float adjusted market capitalization in each country.
- Consumer Price Index is a measure of prices paid by consumers for a market basket of consumer goods and services. The yearly (or monthly) growth rates represent the inflation rate.
- FTSE NAREIT Equity REITs Index contains all Equity REITs not designed as Timber REITs or Infrastructure REITs.
- **S&P Developed World Property** defines and measures the investable universe of publicly traded property companies domiciled in developed markets. The companies in the index are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- **S&P Developed World Property x U.S.** defines and measures the investable universe of publicly traded property companies domiciled in developed countries outside of the U.S. The companies included are engaged in real estate related activities, such as property ownership, management, development, rental and investment.
- Fund Specific Broad Real Asset Benchmarks:
 - DWS Real Assets: 30%: Dow Jones Brookfield Infrastructure Index, 30%: FTSE EPRA/NAREIT Developed Index,15%: Bloomberg Commodity Index, 15%: S&P Global Natural Resources Index, 10%: U.S. Treasury Inflation Notes Total Return Index
 - PIMCO Inflation Response Multi Asset Fund: 45% Bloomberg U.S. TIPS, 20% Bloomberg Commodity Index, 15% JP Morgan Emerging Local Markets Plus, 10% Dow Jones Select REIT, 10% Bloomberg Gold Subindex Total Return
 - Principal Diversified Real Assets: 35% BBgBarc U.S. Treasury TIPS Index, 20% S&P Global Infrastructure Index NTR, 20% S&P Global Natural Resources Index NTR, 15% Bloomberg Commodity Index, and 10% FTSE EPRA/NAREIT Developed Index NTR
 - Wellington Diversified Inflation H: 50% MSCI ACWI Commodity Producers Index, 25% Bloomberg Commodity Index, and 25% Bloomberg Bloomberg US TIPS 1 10 Year Index
- Bloomberg Commodity Index is calculated on an excess return basis and reflects commodity futures price movements. The index rebalances annually weighted 2/3 by trading volume and 1/3 by world production and weight-caps are applied at the commodity, sector and group level for diversification.
- HFRI Fund Weighted Composite Index is a global, equal-weighted index of over 2,000 single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in US Dollar and have a minimum of \$50 Million under management or a twelve (12) month track record of active performance. The HFRI Fund Weighted Composite Index does not include Funds of Hedge Funds.
- The Alerian MLP Index is the leading gauge of energy Master Limited Partnerships (MLPs). The float adjusted, capitalization-weighted index, whose constituents represent approximately 85% of total float-adjusted market capitalization, is disseminated real-time on a price-return basis (AMZ) and on a total-return basis.
- The Adjusted Alerian MLP Index is commensurate with 65% of the monthly returns of the Alerian MLP Index to incorporate the effect of deferred tax liabilities incurred by MLP entities.
- Cambridge Associates U.S. Private Equity Index is based on data compiled from more than 1,200 institutional-quality buyout, growth equity, private equity energy, and mezzanine funds formed between 1986 and 2015.
- Cambridge Associates U.S. Venture Capital Index is based on data compiled from over 1,600 institutional-quality venture capital funds formed between 1986 and 2015.
- Vanguard Spliced Bloomberg US1-5Yr Gov/Cr Flt Adj Index: Bloomberg U.S. 1–5 Year Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. 1–5 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg US5-10Yr Gov/Cr Flt Adj Index: Bloomberg U.S. 5–10 Year Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. 5–10 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg US Agg Flt Adj Index: Bloomberg U.S. Aggregate Bond Index through December 31, 2009; Bloomberg U.S. Aggregate Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg U.S. Long Gov/Cr Flt Adj Index: Bloomberg U.S. Long Government/Credit Bond Index through December 31, 2009; Bloomberg U.S. Long Government/Credit Float Adjusted Index thereafter.
- Vanguard Balanced Composite Index: Made up of two unmanaged benchmarks, weighted 60% Dow Jones U.S. Total Stock Market Index (formerly the Dow Jones Wilshire 5000 Index) and 40% Bloomberg U.S. Aggregate Bond Index through May 31, 2005; 60% MSCI US Broad Market Index and 40% Bloomberg U.S. Aggregate Bond Index through December 31, 2009; 60% MSCI US Broad Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg U.S. Aggregate Float Adjusted Index through Jan
- Vanguard Spliced Intermediate-Term Tax-Exempt Index: Bloomberg 1–15 Year Municipal Bond Index.
- Vanguard Spliced Extended Market Index: Dow Jones Wilshire 4500 Index through June 17, 2005; S&P Transitional Completion Index through September 16, 2005; S&P Completion Index thereafter.
- Vanguard Spliced Value Index: S&P 500 Value Index (formerly the S&P 500/Barra Value Index) through May 16, 2003; MSCI US Prime Market Value Index through April 16, 2013; CRSP US Large Cap Value Index thereafter.
- Vanguard Spliced Large Cap Index: Consists of MSCI US Prime Market 750 Index through January 30, 2013, and the CRSP US Large Cap Index thereafter.
- Vanguard Spliced Growth Index: S&P 500 Growth Index (formerly the S&P 500/Barra Growth Index) through May 16, 2003; MSCI US Prime Market Growth Index through April 16, 2013; CRSP US Large Cap Growth Index thereafter.
- Vanguard Spliced Mid Cap Value Index: MSCI US Mid Cap Value Index through April 16, 2013; CRSP US Mid Cap Value Index thereafter.
- Vanguard Spliced Mid Cap Index: S&P MidCap 400 Index through May 16, 2003; the MSCI US Mid Cap 450 Index through January 30, 2013; and the CRSP US Mid Cap Index thereafter.
- Vanguard Spliced Mid Cap Growth Index: MSCI US Mid Cap Growth Index through April 16, 2013; CRSP US Mid Cap Growth Index thereafter.
- Vanguard Spliced Total Stock Market Index: Dow Jones U.S. Total Stock Market Index (formerly known as the Dow Jones Wilshire 5000 Index) through April 22, 2005; MSCI US Broad Market Index through June 2, 2013; and CRSP US Total Market Index thereafter.
- Vanguard Spliced Small Cap Value Index: SmallCap 600 Value Index (formerly the S&P SmallCap 600/Barra Value Index) through May 16, 2003; MSCI US Small Cap Value Index through April 16, 2013; CRSP US Small Cap Value Index thereafter.

- Vanguard Spliced Small Cap Index: Russell 2000 Index through May 16, 2003; the MSCI US Small Cap 1750 Index through January 30, 2013; and the CRSP US Small Cap Index thereafter.
- Vanguard Spliced Small Cap Growth Index: S&P SmallCap 600 Growth Index (formerly the S&P SmallCap 600/Barra Value Index) through May 16, 2003; MSCI US Small Cap Growth Index through April 16, 2013; CRSP US Small Cap Growth Index thereafter.
- Vanguard Spliced Total International Stock Index: Consists of the Total International Composite Index through August 31, 2006; the MSCI EAFE + Emerging Markets Index through December 15, 2010; the MSCI ACWI ex USA IMI Index through June 2, 2013; and FTSE Global All Cap ex US Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard Spliced Developed Markets Index: MSCI EAFE Index through May 28, 2013; FTSE Developed ex North America Index through December 20, 2015; FTSE Developed All Cap ex US Transition Index through May 31, 2016; FTSE Developed All Cap ex US Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard Spliced Emerging Markets Index: Select Emerging Markets Index through August 23, 2006; MSCI Emerging Markets Index through January 9, 2013; FTSE Emerging Transition Index through June 27, 2013; FTSE Emerging Index through November 1, 2015; and FTSE Emerging Markets All Cap China A Transition Index thereafter. Benchmark returns are adjusted for withholding taxes.
- Vanguard REIT Spliced Index: MSCI US REIT Index adjusted to include a 2% cash position (Lipper Money Market Average) through April 30, 2009; MSCI US REIT Index through January 31, 2018; MSCI US Investable Market Real Estate 25/50 Transition Index through July 24, 2018; MSCI US Investable Market Real Estate 25/50 Index thereafter.

Additional:

- Equity sector returns are calculated by Russell and MSCI for domestic and international markets, respectively. MSCI sector definitions correspond to the MSCI GICS® classification (Global Industry Classification System); Russell uses its own sector and industry classifications.
- MSCI country returns are calculated by MSCI and are free float-adjusted market capitalization indices that are designed to measure equity market performance in each specific country.
- Currency returns are calculated using Bloomberg's historical spot rate indices and are calculated using the U.S. dollar as the base currency.
- The Index of Leading Economic Indicators, calculated by The Conference Board, is used as a barometer of economic activity over a range of three to six months. The index is used to determine the direction and stability of the economy. The composite index of leading indicators, which is derived from 10 leading indicators, helps to signal turning points in the economy and forecast economic cycles. The leading indicators are the following: average weekly hours, average weekly initial claims, manufacturers' new orders, both consumer and non-defense capital goods, vendor performance, building permits, stock prices, money supply (M2), the interestrate spread and the index of consumer expectations.
- S&P Target Date Indexes are constructed using a survey method of current target date investments with \$100 million or more in assets under management. Allocations for each vintage are comprised of exchange-traded-funds that represent respective asset classes used in target date portfolios. The indexes are designed to represent a market consensus glide path.

DEFINITION OF KEY STATISTICS AND TERMS

- Returns: A percentage figure used when reporting historical average compounded rate of investment return. All returns are annualized if the period for which they are calculated exceeds one year.
- Universe Comparison: The universe compares the fund's returns to a group of other investment portfolios with similar investment strategies. The returns for the fund, the index and the universe percentiles are displayed. A percentile ranking of 1 is the best, while a percentile ranking of 100 is the worst. For example, a ranking of 50 indicates the fund outperformed half of the universe. A ranking of 25 indicates the fund was in the top 25% of the universe, outperforming 75%.
- Returns In Up/Down Markets: This measures how the fund performed in both up and down markets. The methodology is to segregate the performance for each time period into the quarters in which the market, as defined by the index, was positive and negative. Quarters with negative index returns are treated as down markets, and quarters with positive index returns are treated as up markets. Thus, in a 3 year or 12 quarter period, there might be 4 down quarters and 8 up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the up quarters. A simple arithmetic average of returns is calculated for the fund and the index based on the down quarters. The up market capture ratio is the ratio of the fund's return in up markets to the index. The down market capture ratio is the ratio of the fund's return in down markets to the index. Ideally, the fund would have a greater up market capture ratio than down market capture ratio.
- Standard Deviation: Standard deviation is a statistical measure of the range of performance within which the total returns of a fund fall. When a fund has a high standard deviation, the range of performance is very wide, meaning there is a greater volatility. Approximately 68% of the time, the total return of any given fund will differ from the average total return by no more than plus or minus the standard deviation figure. Ninety-five percent of the time, a fund's total return will be within a range of plus or minus two times the standard deviation from the average total return. If the quarterly or monthly returns are all the same the standard deviation will be zero. The more they vary from one another, the higher the standard deviation. Standard deviation can be misleading as a risk indicator for funds with high total returns because large positive deviations will increase the standard deviation without a corresponding increase in the risk of the fund. While positive volatility is welcome, negative is not.
- R-Squared: This reflects the percentage of a fund's movements that are explained by movements in its benchmark index. An R-squared of 100 means that all movements of a fund are completely explained by movements in the index. Conversely, a low R-squared indicates very few of the fund's movements are explained by movements in the benchmark index. R-squared can also be used to ascertain the significance of a particular beta. Generally, a higher R-squared will indicate a more reliable beta figure. If the R-squared is lower, then the beta is less relevant to the fund's performance. A measure of diversification, R-squared indicates the extent to which fluctuations in portfolio returns are explained by market. An R-squared = 0.70 implies that 70% of the fluctuation in a portfolio's return is explained by the fluctuation in the market. In this instance, overweighting or underweighting of industry groups or individual securities is responsible for 30% of the fund's movement.
- **Beta**: This is a measure of a fund's market risk. The beta of the market is 1.00. Accordingly, a fund with a 1.10 beta is expected to perform 10% better than the market in up markets and 10% worse that the market in down markets. It is important to note, however, a low fund beta does not imply the fund has a low level of volatility; rather, a low beta means only that the fund's market-related risk is low. Because beta analyzes the market risk of a fund by showing how responsive the fund is to the market, its usefulness depends on the degree to which the markets determine the fund is total risk (indicated by R-squared).
- Alpha: The Alpha is the nonsystematic return, or the return that can't be attributed to the market. It can be thought of as how the <u>manager</u> performed if the market's return was zero. A <u>positive</u> alpha implies the manager added value to the return of the portfolio over that of the market. A negative alpha implies the manager did not contribute any value over the performance of the market.
- Sharpe Ratio: The Sharpe ratio is the excess return per unit of total risk as measured by standard deviation. Higher numbers are better, indicating more return for the level of risk experienced. The ratio is a fund's return minus the risk-free rate of return (30-day T-Bill rate) divided by the fund's standard deviation. The higher-the-sharpe-ratio, the more reward you are receiving per unit of total risk. This measure can be used to rank the performance of mutual funds or other portfolios.
- Treynor Ratio: The Treynor ratio measures returns earned in excess of that which could have been earned on a riskless investment per each unit of market risk. The ratio relates excess return over the risk-free rate to the additional risk taken; however, systematic risk is used instead of total risk. The Treynor ratio is similar to the Sharpe ratio, except in the fact that it uses the beta to evaluate the returns rather than the standard deviation of portfolio returns. High values mean better return for risk taken.

- Tracking Error: Tracking error measures the volatility of the difference in annual returns between the manager and the index. This value is calculated by measuring the standard deviation of the difference between the manager and index returns. For example, a tracking error of +/- 5 would mean there is about a 68% chance (1 standard deviation event) that the manager's returns will fall within +/- 5% of the benchmark's annual return.
- Information Ratio: The information ratio is a measure of the consistency of excess return. This value is determined by taking the annualized excess return over a benchmark (style benchmark by default) and dividing it by the standard deviation of excess return.
- Consistency: Consistency shows the percent of the periods the fund has beaten the index and the percent of the periods the index has beat the fund. A high average for the fund (e.g., over 50) is desirable, indicating the fund has beaten the index frequently.
- **Downside Risk:** Downside risk is a measure similar to standard deviation but focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. The higher the factor, the riskier the product.
- M-Squared: M-squared, or the Modigliani risk-adjusted performance measure is used to characterize how well a portfolio's return rewards an investor for the amount of risk taken, relative to that of some benchmark portfolio and to the risk-free rate.

DEFINITION OF KEY PRIVATE EQUITY TERMS

- PIC (Paid in Capital): The amount of committed capital that has been transferred from the limited partner to the general partner.
- TVPI (Total Value to Paid in Capital): Money returned to limited partners plus the fund's unrealized investments, divided by money paid-in to the partnership. The TVPI should equal RVPI plus DPI.
- DPI (Distribution to Paid In Capital): Money returned (distributions) to limited partners divided by money paid in to the partnership. Also called cash-on-cash multiple.
- RVPI (Residual Value to Paid In Capital): The value of a fund's unrealized investments divided by money paid-in to the partnership.
- Internal rate of return (IRR): This is the most appropriate performance benchmark for private equity investments. It is a time-weighted return expressed as a percentage. IRR uses the present sum of cash drawdowns (money invested), the present value of distributions (money returned from investments) and the current value of unrealized investments and applies a discount.
- Commitment: Every investor in a private equity fund commits to investing a specified sum of money in the fund partnership over a specified period of time. The fund records this as the limited partnership's capital commitment. The sum of capital commitments is equal to the size of the fund.
- Capital Distribution: These are the returns that an investor in a private equity fund receives. It is the income and capital realized from investments less expenses and liabilities. Once a limited partner has had their cost of investment returned, further distributions are actual profit. The partnership agreement determines the timing of distributions to the limited partner. It will also determine how profits are divided among the limited partners and general partner.
- Carried Interest: The share of profits that the fund manager is due once it has returned the cost of investment to investors. Carried interest is normally expressed as a percentage of the total profits of the fund.
- **Co-Investment**: Co-Investments are minority investments made alongside a private equity investor in an LBO, a recapitalization, or an expansion capital transaction. It is a passive, non-controlling investment, as the private equity firm involved will typically exercise control and perform monitoring functions.
- General Partner (GP): This can refer to the top-ranking partners at a private equity firm as well as the firm managing the private equity fund.
- **GP Commitments:** It is normal practice for the GP managing a private equity fund to also make a financial commitment to the fund on the same basis as the LPs in the fund, and this is seen as an important factor driving the alignment of GP and LP interests. The historic benchmark for GP commitments has been 1% of the total fund size, but this is by no means universal, and many GPs commit significantly larger amounts. Furthermore, there has been a marked trend towards GPs making larger commitments to their funds over recent years.
- Leveraged Buy-Out (LBO): The acquisition of a company using debt and equity finance.
- Limited Partner (LP): Institutions or high-net-worth individuals/sophisticated investors that contribute capital to a private equity fund.
- Public Market Equivalent (PME): Performance measure used to evaluate performance relative to the market. It is calculated as the ratio of the discounted value of the LP's inflows divided by the discounted value of outflows, with the discounting performed using realized market returns.
- **Primaries:** An original investment vehicle that invests directly into a company or asset.

VALUATION POLICY

Fiducient Advisors does not engage an independent third-party pricing service to value securities. Our reports are generated using the security prices provided by custodians used by our clients. Our custodial pricing hierarchy is available upon request. If a client holds a security not reported by the first custodian within the hierarchy, the valuation is generated from the next custodian within the hierarchy, and so forth. Each custodian uses pricing services from outside vendors, where the vendors may generate nominally different prices. Therefore, this report can reflect minor valuation differences from those contained in a custodian's report. In rare instances where FA overrides a custodial price, prices are taken from Bloomberg.

REPORTING POLICY

This report is intended for the exclusive use of the client listed within the report. Content is privileged and confidential. Any dissemination or distribution is strictly prohibited. Information has been obtained from a variety of sources believed to be reliable though not independently verified. Any forecast represents median expectations and actual returns, volatilities and correlations will differ from forecasts. Please note each client has customized investment objectives and constraints and the investment strategy for each portfolio is based on a client-specific asset allocation model. Past performance does not indicate future performance and there is a possibility of a loss. Performance calculated net of investment fees. Certain portfolios presented may be gross of Fiducient Advisors' fees and actual performance would be reduced by investment advisory fees. This report does not represent a specific investment recommendation. Please consult with your advisor, attorney, and accountant, as appropriate, regarding specific advice.

Custodian reports are the reports that govern the account. There will be different account values between Fiducient Advisors' reports and the custodian reports based on whether the report utilizes trade date or settlement date to calculate value. Additionally, difference between values contained on reports may be caused by different accrued income values. Any forecasts represent future expectations and actual returns, volatilities and correlations will differ from forecasts. This report does not represent a specific investment recommendation. Please consult with your advisor, attorney, and accountant, as appropriate, regarding specific advice. Past performance does not indicate future performance and there is a possibility of aloss.

Manager performance for mutual funds and ETFs is based on NAV and provided by Lipper. Performance for non-mutual fund or ETF investments is based on the returns provided by managers, calculations based on a manager statement, or calculations based on a statement or data from the client's custodian. Unless specified otherwise, all returns are net of individual manager fees, represent total returns and are annualized for periods greater than one year. The deduction of fees produces a compounding effect that reduces the total rate of return over time. As an example, the effect of investment management fees on the total value of a client's portfolio assuming (a) quarterly fee assessment, (b) \$1,000,000 investment, (c) portfolio return of 8% a year, and (d) 0.50% annual investment advisory fee would be \$5,228 in the first year, and cumulative effects of \$30,342 over five years and \$73,826 over ten years. Additional information on advisory fees charged by Fiducient Advisors are described in Part 2 of the Form ADV.

MATERIAL RISKS & LIMITATIONS

Fixed Income securities are subject to interest rate risks, the risk of default and liquidity risk. U.S. investors exposed to non-U.S. fixed income may also be subject to currency risk and fluctuations. -Liability Driven Investing (LDI) Assets

Cash may be subject to the loss of principal and over longer period of time may lose purchasing power due to inflation. -Short Term Liquidity

Domestic Equity can be volatile. The rise or fall in prices take place for a number of reasons including, but not limited to changes to underlying company conditions, sector or industry factors, or other macro events. These may happen quickly and unpredictably.

International Equity can be volatile. The rise or fall in prices take place for a number of reasons including, but not limited to changes to underlying company conditions, sector or industry impacts, or other macro events. These may happen quickly and unpredictably. International equity allocations may also be impact by currency and/or country specific risks which may result in lower liquidity in some markets.

Real Assets can be volatile and may include asset segments that may have greater volatility than investment in traditional equity securities. Such volatility could be influenced by a myriad of factors including, but not limited to overall market volatility, changes in interest rates, political and regulatory developments, or other exogenous events like weather or natural disaster.

Private Equity involves higher risk and is suitable only for sophisticated investors. Along with traditional equity market risks, private equity investments are also subject to higher fees, lower liquidity and the potential for leverage that may amplify volatility and/or the potential loss of capital.

Private Credit involves higher risk and is suitable only for sophisticated investors. These assets are subject to interest rate risks, the riskof default and limited liquidity. U.S. investors exposed to non-U.S. private credit may also be subject to currency risk and fluctuations.

Private Real Estate involves higher risk and is suitable only for sophisticated investors. Real estate assets can be volatile and may include unique risks to the asset class like leverage and/or industry, sector or geographical concentration. Declines in real estate value may take place for a number of reasons including, but are not limited to economic conditions, change in condition of the underlying property or defaults by the borrow.

Marketable Alternatives involves higher risk and is suitable only for sophisticated investors. Along with traditional market risks, marketable alternatives are also subject to higher fees, lower liquidity and the potential for leverage that may amplify volatility or the potential for loss of capital. Additionally, short selling involved certain risks including, but not limited to additional costs, and the potential for unlimited loss on certain short sale positions.

OTHER

By regulation, closed-end funds utilizing debt for leverage must report their interest expense, as well as their income tax expense, as part of their total expense ratio. To make for a useful comparison between closed-end funds and both open-end funds and exchange-traded funds, adjusted expense ratios excluding interest and income tax expenses are utilized for closed-end funds within this report. See disclosure on closed-end fund fact sheets for information regarding the total expense ratio of each closed-end fund.

Please advise us of any changes in your objectives or circumstances.

CUSTODIAN STATEMENTS

Please remember to review the periodic statements you receive from you custodian. If you do not receive periodic statements from your custodian or notice issues with the activity reported in those statements, please contact FA or your custodian immediately.