



Watertown Contributory Retirement System

Quarterly Investment Review - Second Quarter 2021

This report is intended for the exclusive use of clients or prospective clients of Fiducient Advisors. The information contained herein is intended for the recipient, is confidential and may not be disseminated or distributed to any other person without prior approval. 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 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.

#### Fiducient Advisors Update





#### Retirement Plans

#### **Featured Insights**

- Webcast: Setting a Fiduciary Framework
- The Public Fiduciary Newsletter – April
- Plan Sponsor Newsletter June
- Research Paper: A Primer on In-Plan Retirement Income

#### **Coming Soon**

 Improving Funded Status in 2021 & Next Steps in Derisking and Pension Risk Transfers



## **Endowments & Foundations**

#### **Featured Insights**

- The Steward Newsletter June
- Nonprofit Investment Stewards Podcast – bimonthly episodes
- Video: Inflation Concerns July

#### **Coming Soon**

• The Steward Newsletter – August



#### **Featured Insights**

- Biden Administration Tax Proposals
- The Advisor Newsletter April
- Webcast: The Biden
   Administration's Tax Proposals –
   Five Key Things to Know

#### **Coming Soon**

• The Advisor Newsletter - July

#### **Recent Speaking Engagements**

- ALTSCHI Virtual Conference 2021
- ASAE Annual Meeting
- Institutional Investor Corporate Funds, Insurance & Perpetual Capital Virtual Roundtable
- Institutional Investors' Sustainable Returns: ESG Series
- P&I Conferences: DC Investment Lineup Virtual Series
- P&I Conferences: ESG Investing Virtual Series
- PLANSPONSOR 2021 Virtual HSA Conference

#### Fiducient Advisors Update



- Webcast: Fiducient Speaker Series with Rupal Bhansali of Ariel Investments –
   "The Power and Payoff of Non-Consensus Investing"
- Monthly market recaps
- Monthly market updates
  - Markets Navigate an Evolving Inflation Landscape June
  - Economic Momentum Propels Capital Markets Higher May
  - Economic Activity Accelerates Heading into Spring April
- Considerations for Bitcoin Investors June
- Mid-Year Market Review Webcast July

#### 2021 New Associates - Welcome!

- Tyler Aldrich, Client Service Associate, TWO
- Megan Claucherty, General Counsel & Chief Compliance Officer
- Marc Corigliano, Consulting Analyst, TWO
- · Christian Cote, IT Analyst
- · Ian Lapin, Client Service Associate, Institutional

- · Priscilla Meadow, Middle Office Associate
- Janki Prajapati, Client Service Associate, Institutional
- Luke Rossi, Performance Analyst
- · Brett St. John, Performance Analyst
- Ashly Whitfield, Senior Accountant



#### **Table of Contents**

Section 1 Fiduciary Governance Calendar

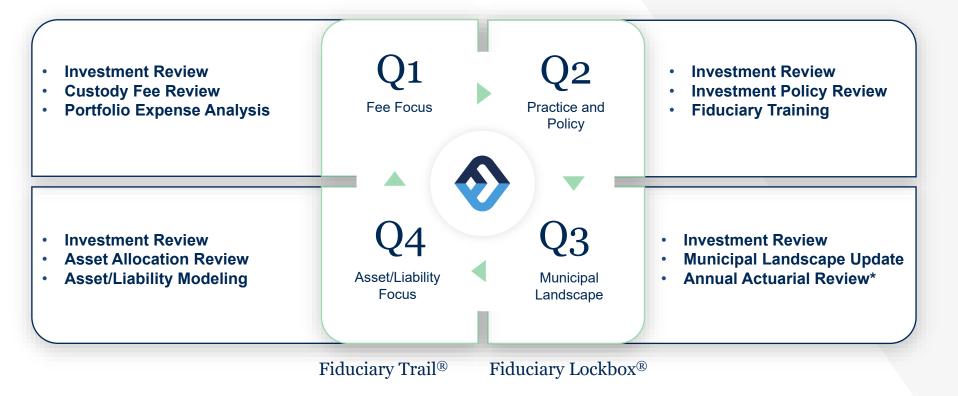
Section 2 Capital Markets Overview

Section 3 Portfolio and Manager Review



Fiduciary Governance Calendar

#### Fiduciary Governance Calendar



<sup>\*</sup>Timing of actuarial review is dependent on client's individual plan and/or fiscal year and actuarial input.

#### **Investment Policy Statement**

A well-written Investment Policy Statement serves as the blueprint for the management of the investment program. As such, there are certain criteria that are required in an IPS, and other criteria that may or may not be included based on the municipality's circumstances:

#### Important Elements of an IPS to Consider:

1. Investment objective(s)



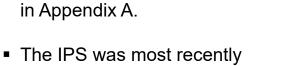
- 2. Assignment of responsibilities
- 3. Asset allocation framework
- 4. Rebalancing guidance





- 6. Selection and monitoring criteria for investment strategies
- 7. Termination guidelines for investment strategies
- 8. Proxy voting





In the following pages, you will find the most recent IPS on file for the

■ The IPS is as of August 2020.

including the asset allocation table

Watertown Retirement System.

- reviewed/approved by the Committee/Board in August 2020.
- There are no recommendations for change at this point in time.

#### INTRODUCTION AND PURPOSE

The Watertown Contributory Retirement System (the "Plan") has been established to provide retirement income for the town's eligible employees and their beneficiaries. The Retirement System is a governmental qualified defined benefit plan governed by Massachusetts General Laws, Chapter 32, and subject to the fiduciary standards set forth in M.G.L. c. 32 s. 23 (3). The Plan is also subject to investment restrictions imposed by Massachusetts General Laws and the Investment Regulations (840 CMR) of the Public Employee Retirement Administration Commission (PERAC).

This policy statement outlines the goals and investment objectives for the Plan. This document is also intended to provide guidelines for managing the Plan, and to outline specific investment policies that will govern how those goals are to be achieved. This statement:

- Describes the investment objectives of the Plan;
- Defines the responsibilities of the Board and other parties responsible for the management of the Plan;
- Establishes investment guidelines regarding the selection of investment managers and diversification of assets;
- Specifies the criteria for evaluating the performance of the investment managers and of the Plan as a whole.

#### **INVESTMENT OBJECTIVE**

The Plan's assets shall be invested in accordance with sound investment practices that emphasize long-term investment fundamentals. In establishing the investment objectives of the Plan, the Board has taken into account the financial needs and circumstances of the Plan, the time horizon available for investment, the nature of the Plan's cash flows and liabilities, and other factors that affect their risk tolerance. Consistent with this effort, the Board has determined that the investment of these assets shall be guided by the following underlying goals:

- To achieve the stated actuarial target of the Plan;
- To maintain sufficient liquidity to meet the obligations of the Plan;
- To diversify the assets of the Plan in order to reduce risk;
- To achieve investment results over the long-term that compare favorably with those of other pension Plans, professionally managed portfolios and to appropriate market indexes.

#### **ASSIGNMENT OF RESPONSIBILITIES**

Retirement Board - The Watertown Retirement Board (the "Board") is charged with the responsibility of overseeing the assets of the Plan. To that end, the Board's responsibilities include: establishing and maintaining the Plan's investment policy, objectives and portfolio guidelines with respect to asset allocation, risk parameters, and return evaluation and for specific interpretation of said investment policy, as well as selecting the investment vehicles, and periodically monitoring the performance of the investments. The Board, however, may establish rules or other resolutions governing its investment policy and may delegate to the Board members or agents, the authority to act. The Board will meet periodically. As set forth in M.G.L. c.32 s.23 (3) and 840 CMR 1.00, the Board shall discharge its duties "with the care, skill, prudence and diligence appropriate to the circumstances then prevailing, that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims and by diversifying the investments of the system so as to minimize the risk of large losses unless under the circumstances it is clearly prudent not to do so". The Board recognizes that some risk must be assumed to achieve the Plan's long-term investment objectives.

**Investment Consultant** - The Board may engage the services of an Investment Consultant. The Investment Consultant's role is that of a non-discretionary advisor to the Board. The Investment Consultant will assist in the development and periodic review of an Investment Policy Statement and the Plan's asset allocation, conduct manager searches when necessary, monitor the performance of the managers/funds, and communicate on other matters of relevance to the oversight of the Plan.

**Custodian(s)** - The Custodian is responsible for the safekeeping and custody of assets. The Custodian will physically (or through agreement with a sub-custodian) maintain possession of securities owned by the Plan, collect dividends and interest payments, redeem maturing securities, and effect receipt and delivery following purchases and sales. The Custodian may also perform regular accounting of all assets owned, purchased, or sold, as well as movement of assets into and out of the Plan (for example, to accommodate distribution needs).

#### **ASSET ALLOCATION**

The asset allocation target ranges set forth in Appendix A represent a long-term view. Market volatility may cause the asset mix to fall outside the targeted range.

#### **REBALANCING**

The Board, at its discretion, may or may not institute rebalancing as necessary. Such adjustments should be made with consideration to turnover, transaction costs, and realized losses over the long term. The necessity to rebalance will be reviewed periodically.

#### SELECTION CRITERIA FOR INVESTMENT MANAGERS/FUNDS

The Board intends to delegate the investment management of the System's assets to qualified investment managers as set forth in Massachusetts General Laws, Chapter 32, Sections 23(2)(b) and 23B. The Board shall utilize a competitive process for the evaluation and selection qualified investment managers in compliance with the procurement provisions of M.G.L. Ch.32, section 23B. Investment managers retained by the Plan shall be chosen using various criteria, including but not limited to the following:

- Past results, considered relative to appropriate indexes and other investments having similar investment objectives with consideration granted to consistency of performance and the level of risk taken to achieve results;
- The investment style and discipline of the investment manager;
- How well the manager's investment style or approach complements other assets in the Plan;
- Level of experience, personnel turnover, financial resources, and staffing levels of the investment management firm or fund;

The Plan will utilize a multi-manager structure of complementary investment styles and asset classes to invest the Plan's assets.

Should additional contributions and/or market value growth permit, the Board may retain additional investment managers to invest the assets of the Plan. Additional managers would be expected to diversify the Plan by investment style, asset class, and management structure and thereby enhance the probability of the Plan achieving its long-term investment objectives.

#### **SECURITIES GUIDELINES**

The Plan's investments may include separately managed accounts and/or mutual funds/commingled funds and exchange traded funds. The Board understands that managers have full responsibility for security selection, diversification, turnover and allocation of

holdings among selected securities and industry groups, as particularly detailed in the investment policy statement of each of the Plan's separately managed accounts or in the prospectus/offering memorandum for each mutual fund/commingled fund/exchange traded funds in the portfolio.

The investment manager(s) are expected to carry out fiduciary obligations with respect to the Plan's assets in accordance with Massachusetts General Laws Chapter 32, Section 23(3) and the investment regulations promulgated by the Public Employees Retirement Administration Commission (PERAC 840 CMR). Managers are expected to be cognizant and comply with all Massachusetts General Laws and the Investment Regulations (840 CMR) promulgated by the Public Employee Retirement Administration Commission (PERAC).

Massachusetts General Laws, Chapter 32, Section 23(2)(h) prohibits investment directly in mortgages or in collateral loans, and places limitations on investment in certain companies doing business in South Africa or Northern Ireland.

Chapter 119 of the Acts of 1997 prohibits Massachusetts retirement systems from making any new investments in stocks, securities, or other obligations of any company which derives more than 15% of its revenue from the sale of tobacco products. PERAC issues a "Tobacco Company List", and updated the list periodically. The list is available by contacting the Retirement Board, or by download at PERAC's website (<a href="www.mass.gov/perac">www.mass.gov/perac</a>). In applying the statute to pooled funds, PERAC will assess the 15% rule against the entire pool. Thus a pooled fund, if in violation of this standard, will be included on this list. It is the responsibility of each investment manager to obtain and review of copy of the list, as updates are issued.

With respect to mutual/commingled funds, the Board may consider the following to insure proper diversification and function for each of the funds:

- 1. The mutual fund/commingled pool organizations selected should demonstrate: (a) a clearly defined investment philosophy; (b) a consistent investment process; (c) an experienced and stable organization; and (d) cost-effectiveness
- 2. The mutual fund/commingled pool used will generally have at least a full three-year track record, or its equivalent, and the individual fund/pool must have at least \$25 million under management (or, as an organization, \$100 million in the same strategy) at the time of selection.
- 3. Each mutual fund/commingled pool will be regularly evaluated for proper diversity and each will provide material information on a timely basis.

#### **PROXY VOTING**

Each investment manager is responsible for and empowered to exercise all rights, including voting rights, as are acquired through the purchase of securities, where practical. Each investment manager shall vote proxies in the best interest of the Plan. A copy of each

firm's guidelines, and/or summary of proxy votes shall be provided to the Board upon request.

#### INVESTMENT MONITORING AND REPORTING

The Board will periodically review performance of the investments in the Plan. Performance monitoring is the mechanism for revisiting the investment selection process and confirming that the criteria originally satisfied remain intact and that an investment continues to be appropriate for the Plan. While frequent change is neither expected nor desirable, the process of monitoring investment performance relative to specified guidelines is an on-going process.

Monitoring should occur on a periodic basis. The monitoring process will utilize the same criteria that formed the basis of the investment selection decision. In addition, a set of "watch list criteria" may be employed to track important quantitative and qualitative elements, assist in the evaluation process, and focus the Board on potential areas of concern.

Watch list criteria may include the following:

- Performance relative to benchmark performance over various time frames;
- Deterioration of risk-adjusted performance;
- Notable style drift / change in investment objective;
- Relative investment management fees;
- Significant organizational or manager change.

In addition, the Board shall meet with its qualified investment manager(s) at least annually and require investment managers to report to the Board, on a quarterly basis, with a comprehensive written review of investment performance, a review of the System's investments, and a report on the investment manager's current investment outlook and future strategy. The annual investment review process will utilize the same criteria that formed the basis of the investment selection decision.

#### TERMINATION OF AN INVESTMENT MANAGER OR FUND

A manager/fund may be terminated when the Board has lost confidence in the manager's ability to:

- Achieve performance and risk objectives;
- Comply with investment guidelines;
- Comply with reporting requirements;
- Maintain a stable organization and retain key investment professionals.

There are no hard and fast rules for manager termination. However, if the investment manager has consistently failed to adhere to one or more of the above conditions,

termination may be considered. Failure to remedy the circumstances of unsatisfactory performance by the manager/fund, within a reasonable time, may be grounds for termination.

#### **APPROVAL**

It is understood that this investment policy is to be reviewed periodically by the Board to determine if any revisions are warranted by changing circumstances including, but not limited to, changes in financial status, actuarial assumptions, risk tolerance, or changes involving the investment managers. The Board shall notify PERAC, as required by 840 CMR 18.03, of any changes to its investment objectives within ten days of the effective date, if applicable, and by the end of each calendar year whether or not any changes were made in the investment objectives.

This Investment Policy Statement has been adopted by the Watertown Retirement Board on August 18, 2020

#### Appendix A

#### **Target Asset Allocation Table**

Asset Class	Min Weight	Target Weight	Max Weight	Benchmark Index
Short Term Money Market	0.0%	0.0%	5.0%	90-Day T-Bill
Fixed Income				
Core Fixed Income	10.0%	13.0%	25.0%	Bloomberg Barclays Aggregate Index
High Yield Fixed Income	0.0%	0.0%	5.0%	BofA Merrill Lynch U.S. HY Master II Constrained Index
Global Fixed Income	0.0%	2.0%	5.0%	Citigroup World Government Bond Index
Global Asset Allocation				
Global Multi-Asset	0.0	6.0%	12.0%	Custom Benchmark
Domestic Equity				
Domestic Large Cap	15.0%	19.0%	40.0%	S&P 500 Index
Domestic Mid Cap	0.0%	5.0%	15.0%	Russell Mid Cap Index
Domestic Small Cap	0.0%	5.0%	12.5%	Russell 2000 Index
International Equity				
International Large Cap	10.0%	17.5%	35.0%	MSCI ACWI ex-US Index
International Small Cap	0.0%	2.5%	5.0%	MSCI EAFE Small Cap Index
International Emerging Markets	0.0%	5.0%	10.0%	MSCI Emerging Markets Index
Real Estate	5.0%	10.0%	12.5%	Custom Benchmark
Hedge Funds	5.0%	5.0%	10.0%	HFRI Fund of Funds Composite Index
Private Equity	3.0%	10.0%	10.0%	Russell 3000 Index

Custom benchmarks, where noted, represent a weighted average blend of the strategy specific benchmarks that may change from time to time depending on the allocations and appropriateness of the benchmarks of the underlying strategies.

#### Governance & Oversight

- While governmental plans are not subject to Title I of ERISA, which deals with fiduciary duties, they are subject to applicable provisions in the Internal Revenue Code ("Code") and state laws.
- Legislative history suggests that the satisfaction of ERISA rules would be sufficient to satisfy the Code requirements.
- The "exclusive benefit rule" under IRC Section 401(a)(2) has been interpreted to mean exercise of prudence in the investment of plan assets is a requirement.
- Many states have adopted "prudent investor" language, which includes many of the basic ERISA fiduciary principles (including duty of loyalty, duty of prudence, duty to diversify).

#### "Five Key Duties"

#### **Duty of Loyalty:**

Act exclusively in the interest of plan participants and beneficiaries

#### **Duty of Prudence:**

Act in accordance with the "prudent expert rule"

#### **Duty to Diversify Investments:**

Diversify the portfolio options to balance risk

#### **Duty to Follow Plan Documents:**

Follow the plan provisions and policies governing the plan

#### **Duty to Avoid Prohibited Transactions:**

Ensure legal and appropriate transactions and be free from conflict

# Structure/Makeup

#### Committee/Board Best Practices

#### Leadership

- ✓ Effective leader with the ability to see the big picture and set the direction to achieve the Plan's objectives
- √ Keeps meetings running smoothly and efficiently, guides discussion, encourages participation

#### Committee/Board Makeup

- ✓ Controlled turnover leads to well-informed Committee/Board members with institutional memory
- ✓ Diversity (of age, gender, economic background, profession, etc.) fosters lively discussion and varied points of view
- ✓ Large enough to promote meaningful discussion/debate, but small enough to reach consensus
- ✓ Seek ongoing Committee/Board education to enable members to make informed decisions.

#### Meeting Frequency/Attendance

- ✓ Meetings must be frequent enough for the Committee/Board to fulfill its duties, not so frequent as to discourage attendance
- ✓ Meeting attendance is expected, member participation should be encouraged

#### Meeting Preparation

- ✓ Use of a formal agenda leads to a structured, efficient meeting
- ✓ Materials should be sent in advance and reviewed by all members prior to the meeting

#### Governance Calendar

- ✓ Ensures that significant fiduciary responsibilities/obligations are reviewed on a regular basis, including fees
- ✓ Allows for a structured long-term approach in the face of potential short-term "fire drills"

#### Investment Policy Statement

- ✓ Serves as the Committee's/Board's blueprint
- ✓ Outlines roles and responsibilities of the Committee/Board members and other parties
- ✓ Establishes formal procedures for hiring/terminating managers, evaluating performance, etc.

#### Meeting minutes

- ✓ Should be reviewed and approved by all Committee/Board members on a timely basis
- ✓ Provide historical context for why/how decisions were made and educate newer members on past decisions

#### Clearly outlined goals and objectives

✓ Require well-defined methods for evaluation

## Documentation

Governance

Note: This is not meant to be a complete list of all fiduciary duties and responsibilities. Please consult your legal advisor for advice about your specific situation.



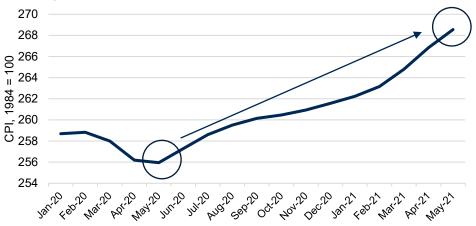
Capital Markets Overview

#### **Market Themes**

- Stimulus measures and vaccination efforts have fostered historically robust GDP growth.
- Inflation, while elevated, should not ultimately threaten the global recovery.
- The breadth of asset class returns ratifies the pace of economic momentum with the highest returns year-to-date sourced from areas of the markets closely aligned with reopening.

#### Heightened, but Transitory

Year-over-year inflation readings are higher following the emergence from the manufactured Covid-19 recession. Consensus is the inflation drivers of pent-up demand and supply chain shocks are transitory and will dissipate.

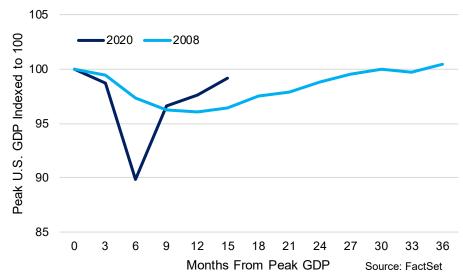


#### Source: FactSet, U.S. Bureau of Labor Statistics, Federal Reserve

See disclosures for list of indices representing each asset class. Past performance does not indicate future performance and there is a possibility of a loss.

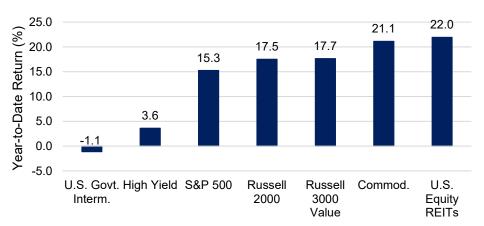
#### U.S. Recovery Progress- GFC Versus Covid-19 Pandemic The recovery in U.S. GDP levels has been nearly as dramatic as the pullback and we are now on pace to regain GDP loses just 18 months

from the prior peak (Dec. 2019) versus 36 months during the GFC.



#### **Mid-Market Cycle Asset Class Performance**

Vaccine distribution and stimulus efforts have helped to pave the way for broader asset class returns. Some of the most depressed asset classes during the midst of the pandemic have led year-to-date.



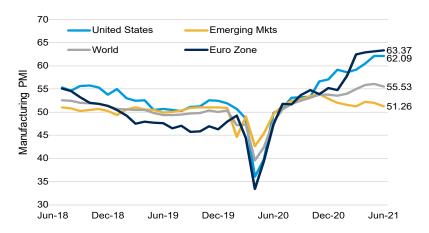
Source: FactSet

#### **Economic Review**

## **②**

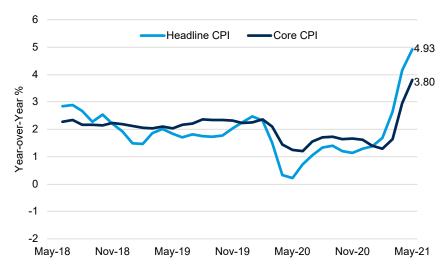
#### **PMI Composites**

PMI's across most major economies remain above 50, signaling economic trends within manufacturing remain expansionary.



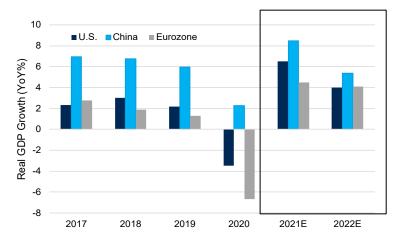
#### **U.S. Inflation**

Inflation moved noticeable higher in April and continued into May. Year-over-year headline inflation was the highest in 12 years coming of 2020's low base.



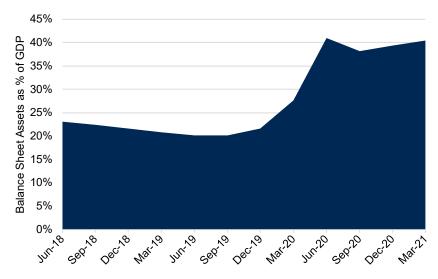
#### Real GDP Growth (YoY)

Estimates for 2021 GDP remain robust, reflecting consumer pent up demand and high household savings rates.



#### Federal Reserve Balance Sheet as Percentage of GDP

In spite of Federal Reserve balance sheet expansion, GDP growth has kept up with or exceeded balance sheet asset growth, limiting overall debt levels.



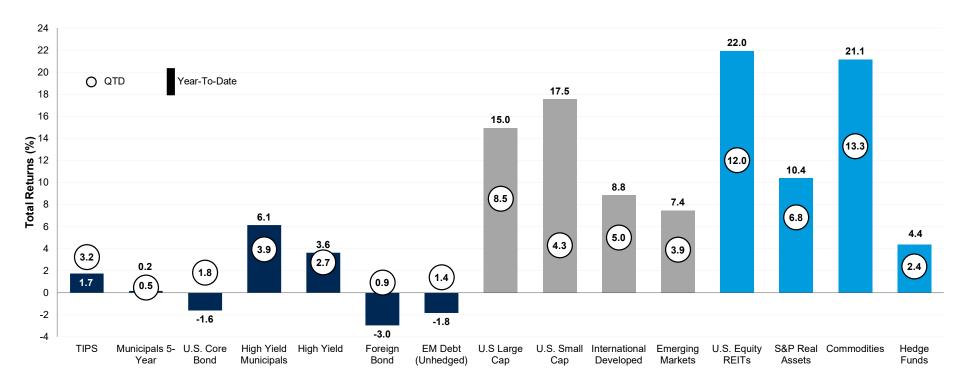
Source: FactSet

See disclosures for list of indices representing each asset class. Past performance does not indicate future performance and there is a possibility of a loss.

www.FiducientAdvisors.com

#### **Market Themes**





\*Hedge fund returns are lagged 1 month. Sources: FactSet, J.P. Morgan, Russell, MSCI, FTSE Russell, Alerian. Hedge Funds returns as of 5/31/21/21. All other returns as of 6/30/21.

#### **Fixed Income**

- + Interest rates moved lower at the longer end of the curve and were slightly higher inside of 5-years.
- + Investment grade and high yield spreads compressed during the quarter.

#### **Equity**

- + Optimism continued into the 2<sup>nd</sup> quarter as vaccinations continue to progress and many restrictions were lifted across the country.
- Emerging market equities lagged their developed market counterparts as many developing countries struggled to control Covid-19 outbreaks.

#### **Real Asset / Alternatives**

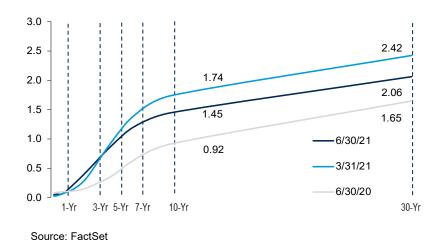
- + REITs continued to benefit from increasing demand and low interest rates.
- + Commodities benefitted most from large increases in energy, namely oil, although strong performance was broad based across sectors.

21

#### Fixed Income Market Update

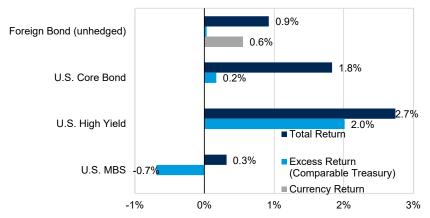
#### **U.S. Treasury Yields Curve**

U.S. Treasuries moved lower at the longer end of the curve with the 10-year and 30-year rates declining 29bps and 36bps, respectively.



#### **Index Performance Attribution (2Q 2021)**

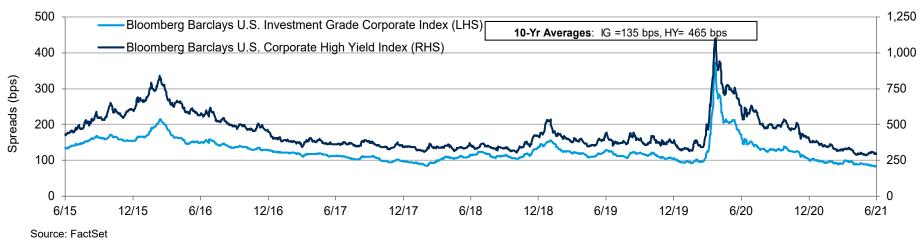
In the U.S., both lower rates and spread compression drove fixed income performance. Dollar weakness provided a nice tailwind for foreign bonds.



Source: FactSet

#### **Credit Market Spreads – Trailing 5 Years**

Credit spreads compressed during the quarter with investment grade and high yield spreads decreasing 11bps and 42bps, respectively.



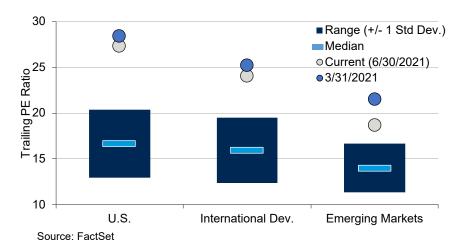
Past performance does not indicate future performance and there is a possibility of a loss.

www.FiducientAdvisors.com

#### **Equity Market Update**

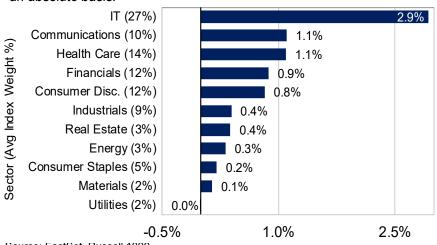
#### **Equity Valuations (Trailing 15 Years)**

Valuations remain elevated when compared to historical ranges. Valuations were lower relative to the first quarter despite strong equity performance. driven by strong underlying earnings growth.



#### U.S. Equities - Contribution to Return by Sector (2Q 2021)

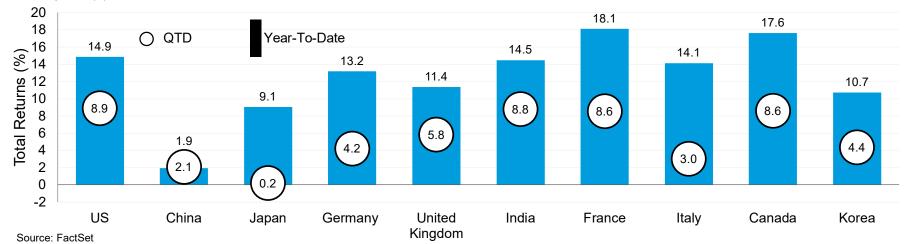
U.S. equity performance was strong across sectors with technology contributing most to index performance, although the real estate sector performed best on an absolute basis.



Source: FactSet. Russell 1000.

#### Country Total Returns (%) – Top 10 Largest Economies

Strong equity performance was broad based across countries with China the noticeable laggard as Chinese technology and consumer companies continue to face regulatory pressures.

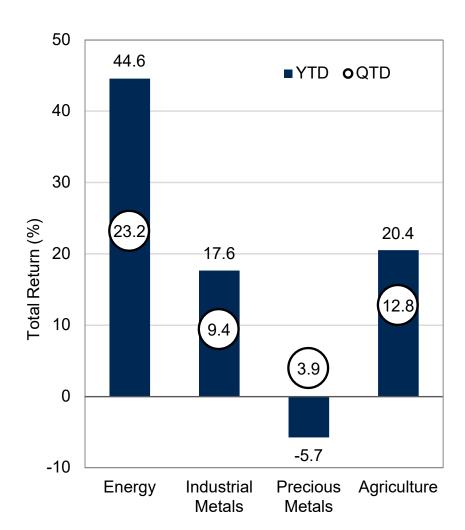


Past performance does not indicate future performance and there is a possibility of a loss.

#### Real Asset Market Update

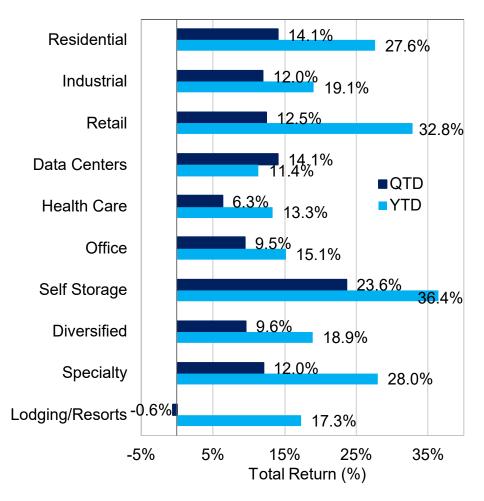
#### **Real Assets Performance**

Energy drove real assets higher as May's ransomware attack on the Colonial Pipeline caused supply disruptions within the space.



#### **REIT Sector Performance**

Most REIT sectors generated positive returns and continued to benefit from re-opening measures and low interest rates.



Source: FactSet Source: FactSet

Past performance does not indicate future performance and there is a possibility of a loss.





2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	10Yr (Ann)
TIPS 13.6	Emerging Markets 18.2	U.S. Small Cap 38.8	U.S. Equity REITs 30.1	U.S. Equity REITs	U.S. Small Cap 21.3	Emerging Markets 37.3	High Yield Munis 4.8	U.S. Large Cap 31.5	U.S. Small Cap 20.0	U.S. Equity REITs 22.0	U.S. Large Cap 14.8
High Yield Munis 9.3	High Yield Munis 18.1	U.S. Large Cap 32.4	High Yield Munis 13.8	Municipals 5-Year 2.4	High Yield 17.1	International Dev. 25.0	Municipals 5-Year 1.7	U.S. Equity REITs 26.0	U.S. Large Cap 18.4	Commodities 21.1	U.S. Small Cap 12.3
U.S. Equity REITs 8.3	U.S. Equity REITs 18.1	International Dev. 22.8	U.S. Large Cap 13.7	High Yield Munis 1.8	U.S. Large Cap 12.0	U.S. Large Cap 21.8	Foreign Bond 0.5	U.S. Small Cap 25.5	Emerging Markets 18.3	U.S. Small Cap 17.5	U.S. Equity REITs 9.4
Core Bond 7.8	International Dev. 17.3	Balanced 12.2	Core Bond 6.0	U.S. Large Cap 1.4	Commodities 11.7	EM Debt (unhedged) 15.2	Core Bond 0.0	International Dev. 22.5	TIPS 11.0	U.S. Large Cap 15.3	High Yield Munis 7.0
Municipals 5-Year 6.9	EM Debt (unhedged) 16.9	Hedge Funds 9.0	Balanced 5.1	Core Bond 0.6	Emerging Markets 11.2	U.S. Small Cap 14.6	TIPS -1.3	Emerging Markets 18.4	Balanced 8.8	International Dev. 8.8	High Yield 6.7
High Yield 5.0	U.S. Small Cap 16.3	High Yield 7.4	U.S. Small Cap 4.9	Hedge Funds -0.3	EM Debt (unhedged) 9.9	Balanced 13.6	High Yield -2.1	Balanced 17.5	International Dev. 7.8	Hedge Funds 8.4	Balanced 6.6
Foreign Bond 4.2	U.S. Large Cap 16.0	U.S. Equity REITs 2.5	TIPS 3.6	International Dev. -0.8	U.S. Equity REITs 8.5	High Yield Munis 9.7	Hedge Funds -4.0	High Yield 14.3	Core Bond 7.5	Emerging Markets 7.4	International Dev. 5.9
U.S. Large Cap 2.1	High Yield 15.8	Municipals 5-Year 0.8	Hedge Funds 3.4	TIPS -1.4	Balanced 7.6	Hedge Funds 7.8	U.S. Large Cap -4.4	EM Debt (unhedged) 13.5	Hedge Funds 7.1	Balanced 7.1	Hedge Funds 4.7
Balanced 0.9	Balanced 11.5	Foreign Bond -1.0	Municipals 5-Year 3.2	Foreign Bond -2.3	TIPS 4.7	High Yield 7.5	U.S. Equity REITs -4.6	High Yield Munis 10.7	High Yield 7.1	High Yield Munis 6.1	Emerging Markets 4.3
EM Debt (unhedged) -1.8	TIPS 7.0	Core Bond -2.0	Foreign Bond 2.9	Balanced -3.3	Foreign Bond 3.2	Foreign Bond 6.5	Balanced -5.8	Core Bond 8.7	Foreign Bond 7.0	High Yield 3.6	TIPS 3.4
U.S. Small Cap -4.2	Foreign Bond 5.3	Emerging Markets -2.6	High Yield 2.5	U.S. Small Cap -4.4	High Yield Munis 3.0	U.S. Equity REITs 5.2	EM Debt (unhedged) -6.2	TIPS 8.4	High Yield Munis 4.9	TIPS 1.7	Core Bond 3.4
Hedge Funds -5.7	Hedge Funds 4.8	High Yield Munis -5.5	Emerging Markets -2.2	High Yield -4.5	Core Bond 2.6	Core Bond 3.5	U.S. Small Cap -11.0	Hedge Funds 7.8	Municipals 5-Year 4.3	Municipals 5-Year 0.2	Foreign Bond 2.9
Commodities -13.3	Core Bond 4.2	TIPS -8.6	International Dev. -4.9	Emerging Markets -14.9	International Dev. 1.0	Municipals 5-Year 3.1	Commodities -11.2	Commodities 7.7	EM Debt (unhedged) 2.7	Core Bond -1.6	Municipals 5-Year 2.7
International Dev. -12.1	Municipals 5-Year 3.0	EM Debt (unhedged) -9.0	EM Debt (unhedged) -5.7	EM Debt (unhedged) -14.9	Hedge Funds 0.5	TIPS 3.0	International Dev. -13.8	Foreign Bond 6.3	Commodities -3.1	EM Debt (unhedged) -1.7	EM Debt (unhedged) 0.5
Emerging Markets -18.4	Commodities -1.1	Commodities -9.5	Commodities -17.0	Commodities -24.7	Municipals 5-Year -0.4	Commodities 1.7	Emerging Markets -14.6	Municipals 5-Year 5.4	U.S. Equity REITs -8.0	Foreign Bond -3.0	Commodities -4.4





#### **Financial Markets Performance**

Total return as of June 30, 2021

Periods greater than one year are annualized All returns are in U.S. dollar terms

Global Fixed Income Markets	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
Bloomberg Barclays 1-3-Month T-Bill	0.0%	0.0%	0.1%	1.3%	1.1%	0.8%	0.6%	1.0%
Bloomberg Barclays U.S. TIPS	3.2%	1.7%	6.5%	6.5%	4.2%	3.3%	3.4%	4.6%
Bloomberg Barclays Municipal Bond (5 Year)	0.5%	0.2%	2.2%	3.8%	2.4%	2.5%	2.7%	3.7%
Bloomberg Barclays High Yield Municipal Bond	3.9%	6.1%	14.3%	7.6%	6.2%	6.7%	7.0%	5.5%
Bloomberg Barclays U.S. Aggregate	1.8%	-1.6%	-0.3%	5.3%	3.0%	3.3%	3.4%	4.4%
Bloomberg Barclays U.S. Corporate High Yield	2.7%	3.6%	15.4%	7.4%	7.5%	5.5%	6.7%	7.5%
Bloomberg Barclays Global Aggregate ex-U.S. Hedged	0.9%	-1.5%	0.0%	3.8%	2.8%	3.7%	4.1%	4.2%
Bloomberg Barclays Global Aggregate ex-U.S. Unhedged	0.9%	-4.4%	4.6%	3.1%	1.6%	0.7%	1.0%	3.1%
Bloomberg Barclays U.S. Long Gov / Credit	6.4%	-4.6%	-1.9%	9.9%	5.5%	6.3%	7.3%	7.4%
PMorgan GBI-EM Global Diversified	1.5%	-1.7%	2.6%	#N/A	#N/A	#N/A	#N/A	#N/A
Global Equity Markets	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
&P 500	8.5%	15.3%	40.8%	18.7%	17.6%	14.1%	14.8%	10.7%
low Jones Industrial Average	5.1%	13.8%	36.3%	15.0%	16.7%	13.5%	13.5%	10.6%
IASDAQ Composite	9.7%	12.9%	45.2%	25.7%	25.8%	19.8%	19.3%	14.7%
Russell 3000	8.2%	15.1%	44.2%	18.7%	17.9%	14.0%	14.7%	10.8%
Russell 1000	8.5%	15.0%	43.1%	19.2%	18.0%	14.2%	14.9%	10.9%
Russell 1000 Growth	11.9%	13.0%	42.5%	25.1%	23.7%	18.6%	17.9%	13.5%
Russell 1000 Value	5.2%	17.0%	43.7%	12.4%	11.9%	9.4%	11.6%	8.0%
tussell Mid Cap	7.5%	16.2%	49.8%	16.4%	15.6%	12.0%	13.2%	10.5%
Russell Mid Cap Growth	11.1%	10.4%	43.8%	22.4%	20.5%	15.4%	15.1%	12.1%
tussell Mid Cap Value	5.7%	19.5%	53.1%	11.9%	11.8%	9.3%	11.7%	9.1%
Russell 2000	4.3%	17.5%	62.0%	13.5%	16.5%	11.4%	12.3%	9.5%
Russell 2000 Growth	3.9%	9.0%	51.4%	15.9%	18.8%	13.1%	13.5%	10.9%
Russell 2000 Value	4.6%	26.7%	73.3%	10.3%	13.6%	9.3%	10.8%	7.9%
ASCI ACWI	7.4%	12.3%	39.3%	14.6%	14.6%	9.7%	9.9%	7.6%
MSCI ACWI ex. U.S.	5.5%	9.2%	35.7%	9.4%	11.1%	5.3%	5.4%	4.9%
ISCI EAFE	5.2%	8.8%	32.4%	8.3%	10.3%	5.0%	5.9%	4.4%
ISCI EAFE Growth	7.4%	6.8%	31.0%	12.5%	12.5%	7.8%	7.8%	6.0%
ISCI EAFE Value	3.0%	10.7%	33.5%	3.8%	7.8%	1.9%	3.9%	2.7%
ISCI EAFE Small Cap	4.3%	9.0%	41.0%	8.4%	12.0%	7.8%	8.4%	6.3%
MSCI Emerging Markets	5.0%	7.4%	40.9%	11.3%	13.0%	6.4%	4.3%	6.6%
Alternatives	QTD	YTD	1YR	3YR	5YR	7YR	10YR	15YR
Consumer Price Index*	1.4%	2.4%	4.9%	2.3%	2.3%	1.8%	1.8%	1.9%
TSE NAREIT Equity REITs	12.0%	22.0%	38.0%	10.1%	6.3%	8.4%	9.4%	7.1%
&P Real Assets	6.8%	10.4%	25.2%	7.3%	6.4%	3.9%	5.1%	6.0%
TSE EPRA NAREIT Developed	8.4%	19.8%	27.7%	6.8%	4.6%	8.3%	9.5%	5.9%
TSE EPRA NAREIT Developed ex U.S.	7.1%	9.4%	29.8%	5.5%	6.4%	4.3%	5.7%	4.2%
loomberg Commodity Total Return	13.3%	21.1%	45.6%	3.9%	2.4%	-4.1%	-4.4%	-3.0%
HFRI Fund of Funds Composite*	2.4%	4.4%	20.0%	6.0%	5.9%	4.2%	3.7%	3.0%
HFRI Fund Weighted Composite*	2.5%	8.4%	31.1%	8.3%	7.8%	5.7%	4.7%	4.8%
Alerian MLP	21.2%	47.8%	64.0%	-0.3%	-1.1%	-5.7%	1.1%	5.9%

<sup>\*</sup>One month lag.

Source: FactSet & Morningstar as of 6/30/21. Periods greater than 1 year are annualized. All returns are in U.S. dollar terms.

25

Portfolio and Manager Review

#### **Asset Allocation**

#### As of June 30, 2021

	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)
otal Fund Composite	269,451,063	100.0	100.0	0.0
Collective US Govt STIF Fund	1,805,498	0.7	0.0	0.7
Fixed Income	52,504,860	19.5	23.5	-4.0
IRM Core Bond Fund LLC	36,977,060	13.7	17.0	-3.3
Eaton Vance Trust CIT High Yield Fund	5,974,273	2.2	2.5	-0.3
Brandywine Global Opportunistic Fixed Income	9,553,527	3.5	4.0	-0.5
Asset Allocation	16,433,646	6.1	6.0	0.1
WTC-CIF Opportunistic Invst Allocation	8,218,320	3.1	3.0	0.1
PineBridge Global Dynamic Asset Allocation Fund LLC	8,215,326	3.0	3.0	0.0
Domestic Equity	81,684,902	30.3	28.2	2.1
PRIT Domestic Equity	22,724,291	8.4	7.7	0.7
Columbia US Contrarian Core Equity Fund	34,768,958	12.9	12.0	0.9
LMCG Mid Cap Collective Fund	15,491,489	5.7	5.5	0.2
Wellington Small Cap 2000	8,700,164	3.2	3.0	0.2
International Equity	56,219,993	20.9	19.8	1.1
Earnest Partners Intl Equity	24,557,919	9.1	8.6	0.5
MFS Instl International Equity Fund	23,302,511	8.6	8.6	0.0
Acadian Intl Small Cap Fund	8,359,563	3.1	2.6	0.5
Real Estate	23,870,644	8.9	10.0	-1.1
PRIT Real Estate Fund	16,068,359	6.0	7.0	-1.0
TA Realty Core Property Fund, LP	4,677,695	1.7	1.5	0.2
American Strategic Value Realty Fund	2,246,178	0.8	1.0	-0.2
TerraCap Partners IV	878,413	0.3	0.5	-0.2
Hedge Funds	19,243,405	7.1	7.5	-0.4
PRIT Hedge Funds	19,243,405	7.1	7.5	-0.4
Private Equity	17,688,114	6.6	5.0	1.6
RCP Fund IV	8,357	0.0		
PRIT VY Investments	17,679,757	6.6	0.0	6.6
PRIT Vintage 2011	958,109	0.4		
PRIT Vintage 2012	1,303,818	0.5		
PRIT Vintage 2013	1,538,227	0.6		

Investments with a zero balance were held in the portfolio during the reporting period and will be removed once they no longer impact portfolio performance. Asset Allocation weightings may not add up to 100% due to rounding.

#### **Asset Allocation**

As of June 30, 2021

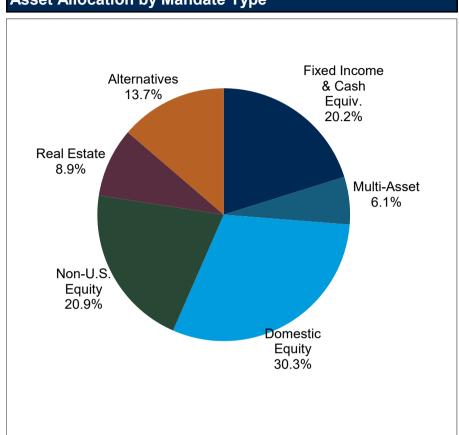
	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)
PRIT Vintage 2014	1,666,122	0.6		
PRIT Vintage 2015	2,784,061	1.0		
PRIT Vintage 2016	1,247,387	0.5		
PRIT Vintage 2017	2,851,904	1.1		
PRIT Vintage 2018	2,335,160	0.9		
PRIT Vintage 2019	2,049,260	0.8		
PRIT Vintage 2020	583,416	0.2		
PRIT Vintage 2021	362,294	0.1		

#### **Watertown Retirement System**

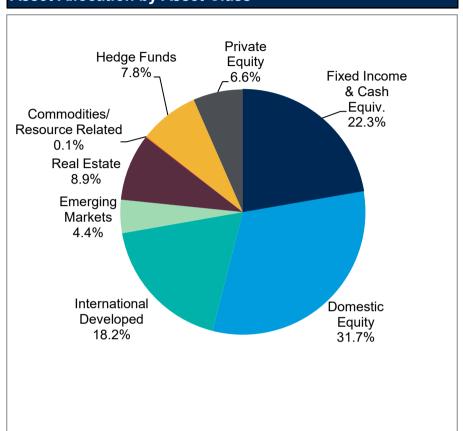
#### **Asset Allocation**

As of June 30, 2021

#### **Asset Allocation by Mandate Type**



#### **Asset Allocation by Asset Class**



#### **Asset Class Look Through**

Wellington Opportunistic Investment Fund allocation as of 6/30/2021 consisted of approximately: 38% fixed income & cash equivalents, 23% domestic equity, 25% developed international equity, 14% emerging markets and 1% commodities. Please note, percentages may not sum to 100 due to rounding.

PineBridge Global Dynamic Asset Allocation Fund allocation as of 6/30/2021 consisted of approximately: 32% fixed income & cash equivalents, 23% domestic equity, 6% developed international equity, 13% emerging markets, 3% commodities, and 23% hedge funds. Please note, percentages may not sum to 100 due to rounding.

#### **International Breakdown:**

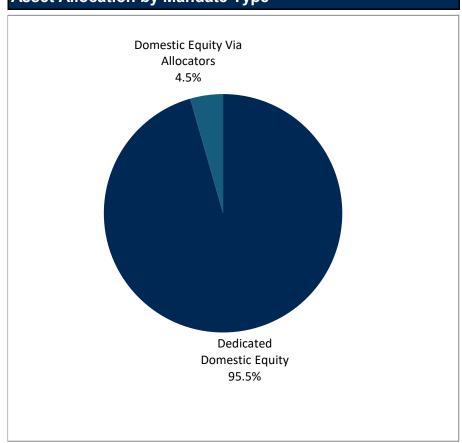
Earnest Partners - 65% developed, 35% emerging MFS International - 95% developed, 5% emerging Acadian Small Cap - 100% developed

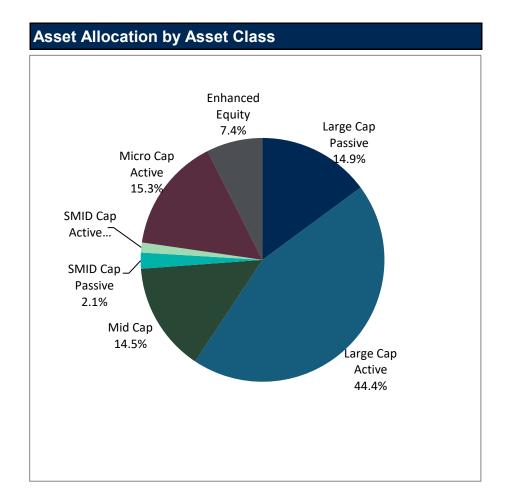
DISCLAIMER: The "look through" information provided above has been gathered from sources deemed to be reliable, including Morningstar and the managers. The asset class look through on the right is designed to give a general representation of how portfolio assets are allocated among various asset classes. However, the information may include discrepancies, based on how managers classify certain holdings.

#### Watertown Retirement System

## Domestic Equity Look Through As of June 30, 2021

#### **Asset Allocation by Mandate Type**





**PRIT Domestic Equity** allocation: 56% Passive Large Cap, 8% Passive SMID Cap (Russell 2500 Index), 5% Active SMID, 3% Active Micro Cap, 28% enhanced equity (put-spread-collar). Domestic Equity allocation in the Asset Allocation strategies assume the allocation in US Equity is primarily in large cap equity.

DISCLAIMER: The "look through" information provided above has been gathered from sources deemed to be reliable, including Morningstar and the managers. The asset class look through on the right is designed to give a general representation of how portfolio assets are allocated among various asset classes. However, the information may include discrepancies, based on how managers classify certain holdings.

#### **Total Plan Performance Summary**

#### As of June 30, 2021

<b>Account Reconciliation</b>	1				Policy Index Composition	
	QTR	YTD	Since Inception	Inception Date	Allocation Mandate	Weight (%)
Total Fund Composite				10/01/1999	Apr-2018	
Beginning Market Value	257,463,073	249,792,458	89,230,180		Blmbg. Barc. U.S. Aggregate Index	20.00
Net Contributions	-2,581,191	-5,557,158	29,886,450		ICE BofAML US High Yield Master II Constrained	2.50
Total Gain/Loss	14,569,181	25,215,763	150,334,433		FTSE World Government Bond Index	2.50
Ending Market Value	269,451,063	269,451,063	269,451,063		Russell 3000 Index	35.00
					MSCI AC World ex USA (Net)	20.00
					MSCI EAFE Small Cap (net) Index	2.50
					PRIM Custom Total RE Benchmark	10.00
** Data displayed in the Sin values and flow information consultant. The stated incep inception date.	n prior to 1/1/20	007 was not av	ailable from th	e prior	HFRI Fund of Funds Composite Index	7.50

Trailing Performance Summary

	QTR	YTD	1	3	5 Vanus	7	10	Since	Inception
			Year	Years	Years	Years	Years	Inception	Date
<b>Total Fund Composite</b>	5.7	10.2	29.7	11.6	11.0	8.4	8.6	6.8	10/01/1999
Policy Index	5.1	7.8	25.2	11.3	10.8	8.2	8.7	6.8	
Difference	0.6	2.4	4.5	0.3	0.2	0.2	-0.1	0.0	

**Calendar Year Performance Summary** 

	2020	2019	2018	2017	2016	2015	2014	2013
<b>Total Fund Composite</b>	12.5	18.7	-4.9	15.6	6.6	1.0	6.6	15.6
Policy Index	13.1	19.5	-4.9	15.8	7.4	0.4	6.1	16.7
Difference	-0.6	-0.8	0.0	-0.2	-0.8	0.6	0.5	-1.1

Investment performance history data prior to 3/31/2010 was sourced from prior consultant.

## Manager Performance Overview As of June 30, 2021

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Total Fund Composite	5.7	10.2	29.7	11.6	11.0	8.6	6.8	10/01/1999
Policy Index	5.1	7.8	25.2	11.3	10.8	8.7	6.8	
PRIT General Allocation Fund **	6.7	11.2	29.4	11.8	11.5	9.0	9.4	02/01/1985
PRIT Benchmark	6.3	10.6	27.9	12.1	11.5	8.9	10.0	
Short Term Liquidity								
Collective US Govt STIF Fund	0.0	0.0	0.0	1.0	0.8	0.4	1.1	03/01/2004
90 Day U.S. Treasury Bill	0.0	0.0	0.1	1.3	1.2	0.6	1.3	
Fixed Income	2.1	-0.7	4.5	6.2	4.1	4.3	4.5	04/01/2007
Fixed Income Benchmark	1.8	-1.4	1.3	5.4	3.3	3.5	4.3	
IRM Core Bond Fund LLC	1.8 (62)	-1.1 (44)	1.2 (53)	6.1 (26)	3.6 (30)	4.0 (17)	5.3 (17)	07/01/2000
Blmbg. Barc. U.S. Aggregate Index	1.8	-1.6	-0.3	5.3	3.0	3.4	4.9	
IM U.S. Broad Market Core Fixed Income (MF) Median	1.9	-1.2	1.3	5.6	3.3	3.5	4.9	
Eaton Vance Trust CIT High Yield Fund	2.8 (35)	3.6 (49)	14.3 (56)	7.0 (29)	N/A	N/A	6.6 (31)	04/01/2018
ICE BofAML US High Yield Master II Constrained	2.8	3.7	15.6	7.1	N/A	N/A	6.9	
IM U.S. High Yield Bonds (MF) Median	2.6	3.5	14.7	6.4	N/A	N/A	6.1	
Brandywine Global Opportunistic Fixed Income	2.6 (6)	-1.5 (47)	12.6 (1)	5.6 (20)	4.2 (17)	4.1 (9)	4.0 (9)	06/01/2011
FTSE World Government Bond Index	1.0	-4.8	0.8	3.6	1.7	1.4	1.4	
IM Global Fixed Income (MF) Median	1.3	-1.7	4.3	4.7	3.0	2.6	2.6	
Asset Allocation	4.1	6.8	29.9	8.8	8.9	5.9	6.8	08/01/2010
65% MSCI AC World ND/ 35% Blmbrg Brclys US Agg	5.4	7.3	24.2	11.7	10.7	7.8	8.5	
WTC-CIF Opportunistic Invst Allocation	3.9	8.1	30.9	10.8	10.6	6.2	6.2	11/01/2010
Wellington Opportunistic Index	5.4	7.3	24.2	11.7	10.7	7.9	8.1	
PineBridge Global Dynamic Asset Allocation Fund LLC	4.2	5.6	28.9	N/A	N/A	N/A	11.4	02/01/2019
60% MSCI AC World 40% BC AGG	5.2	6.6	22.2	N/A	N/A	N/A	14.0	

Returns for periods less than one year are not annualized. Returns are net of fees unless otherwise noted.

## Manager Performance Overview As of June 30, 2021

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Domestic Equity	6.8	15.5	47.6	18.4	17.1	13.7	10.9	04/01/2007
Domestic Equity Benchmark	8.2	15.1	44.2	18.7	17.9	14.7	10.2	
PRIT Domestic Equity	8.0 (49)	16.0 (32)	45.1 (16)	18.5 (35)	17.9 (23)	14.5 (23)	16.0 (19)	07/01/2010
PRIT Equity Benchmark	7.9	15.6	44.2	18.1	17.5	14.5	16.0	
IM U.S. Large Cap Core Equity (MF) Median	8.0	14.9	40.2	17.4	16.5	13.4	14.8	
Columbia US Contrarian Core Equity Fund	8.4 (38)	16.1 (29)	44.2 (19)	20.5 (9)	17.6 (28)	N/A	14.4 (15)	01/01/2015
Russell 1000 Index	8.5	15.0	43.1	19.2	18.0	N/A	14.4	
IM U.S. Large Cap Core Equity (MF) Median	8.0	14.9	40.2	17.4	16.5	N/A	12.8	
LMCG Mid Cap Collective Fund	3.4 (88)	14.1 (78)	47.9 (52)	13.2 (48)	13.3 (41)	12.1 (21)	11.7 (21)	06/01/2011
Russell Midcap Index	7.5	16.2	49.8	16.4	15.6	13.2	12.9	
IM U.S. Mid Cap Core Equity (MF) Median	5.2	16.6	48.4	13.1	12.8	10.9	10.5	
Wellington Small Cap 2000	3.8 (55)	12.5 (94)	63.6 (37)	17.7 (2)	19.1 (2)	14.9 (1)	13.0 (1)	04/01/1991
Russell 2000 Index	4.3	17.5	62.0	13.5	16.5	12.3	10.5	
IM U.S. Small Cap Core Equity (MF) Median	4.0	19.8	60.8	11.2	13.7	11.0	11.0	
International Equity	6.9	10.9	40.5	10.7	12.6	6.9	5.6	04/01/2007
International Equity Benchmark	5.4	9.2	36.3	9.3	11.2	5.8	4.1	
Earnest Partners Intl Equity	6.7 (20)	11.7 (19)	48.1 (1)	9.4 (34)	12.0 (11)	5.1 (39)	5.6 (15)	08/01/2008
MSCI AC World ex USA (Net)	5.5	9.2	35.7	9.4	11.1	5.4	4.4	
IM International Large Cap Core Equity (MF) Median	5.1	9.4	36.6	8.2	9.8	4.9	3.9	
MFS Instl International Equity Fund	6.9 (15)	8.1 (76)	30.7 (79)	11.7 (9)	12.9 (9)	7.6 (1)	8.6 (1)	12/01/2010
MSCI EAFE (Net) Index	5.2	8.8	32.4	8.3	10.3	5.9	6.8	
IM International Large Cap Core Equity (MF) Median	5.1	9.4	36.6	8.2	9.8	4.9	5.9	
Acadian Intl Small Cap Fund	7.7 (40)	17.2 (11)	48.9 (28)	10.4 (49)	13.6 (45)	10.1 (32)	10.1 (39)	02/01/2011
MSCI EAFE Small Cap (net) Index	4.3	9.0	41.0	8.4	12.0	8.4	8.3	
IM International Small Cap Equity (SA+CF+MF) Median	6.9	12.0	44.8	9.9	13.1	9.5	9.5	

Returns for periods less than one year are not annualized. Returns are net of fees unless otherwise noted.

## Manager Performance Overview As of June 30, 2021

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
Real Estate	5.9	9.3	14.3	7.4	6.9	8.6	2.7	04/01/2007
Real Estate Benchmark	3.2	5.5	8.6	5.7	6.1	8.8	6.5	
PRIT Real Estate Fund	6.6	10.7	16.4	7.3	7.4	9.4	9.5	06/01/2011
PRIM Custom Total RE Benchmark	3.2	5.5	8.6	5.7	6.1	8.7	8.9	
TA Realty Core Property Fund, LP	5.3	7.7	12.4	8.8	N/A	N/A	10.8	04/01/2018
NCREIF Property Index	3.6	5.4	7.4	5.5	N/A	N/A	5.6	
American Strategic Value Realty Fund	4.2	6.6	8.1	6.6	N/A	N/A	6.6	07/01/2018
NCREIF Property Index	3.6	5.4	7.4	5.5	N/A	N/A	5.5	
TerraCap Partners IV	0.0	0.0	5.2	8.2	N/A	N/A	8.2	07/01/2018
NCREIF Property Index	3.6	5.4	7.4	5.5	N/A	N/A	5.5	
Hedge Funds	2.5	7.8	17.3	4.4	5.7	4.7	4.9	07/01/2010
HFRI Fund of Funds Composite Index	2.9	5.0	18.3	6.3	6.1	3.9	4.1	
PRIT Hedge Funds	2.5	7.8	17.3	4.4	5.7	4.7	4.9	07/01/2010
HFRI Fund of Funds Composite Index	2.9	5.0	18.3	6.3	6.1	3.9	4.1	
Private Equity	14.1	32.6	70.1	26.9	24.8	21.9	14.9	04/01/2007
RCP Fund IV	0.0	-0.6	-8.9	-6.2	6.2	14.6	13.4	01/01/2007
S&P 500 + 5%	9.9	18.1	47.8	24.6	23.5	20.6	15.7	
PRIT VY Investments	14.1	32.7	70.8	27.9	24.6	7.0	6.2	04/01/2011
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	14.7	14.3	
PRIT Vintage 2011	34.0	52.5	79.4	28.5	25.5	9.5	8.7	04/01/2011
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	14.7	14.3	
PRIT Vintage 2012	13.9	31.0	79.1	29.1	25.5	N/A	-8.2	06/01/2012
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	16.3	
PRIT Vintage 2013	21.5	58.3	109.9	41.4	30.8	N/A	17.0	07/01/2013
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	15.3	

Returns for periods less than one year are not annualized. Returns are net of fees unless otherwise noted.

#### **Manager Performance Overview**

As of June 30, 2021

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
PRIT Vintage 2014	9.6	23.5	57.4	27.1	24.9	N/A	11.4	06/01/2014
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	14.2	
PRIT Vintage 2015	13.4	34.5	75.0	34.7	29.6	N/A	19.9	04/01/2015
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	14.5	
PRIT Vintage 2016	8.7	29.6	64.5	22.7	6.5	N/A	3.1	04/01/2016
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	17.5	
PRIT Vintage 2017	7.7	27.3	64.2	20.1	N/A	N/A	15.5	05/01/2017
Russell 3000 Index	8.2	15.1	44.2	18.7	N/A	N/A	17.5	
PRIT Vintage 2018	12.3	26.5	65.3	9.3	N/A	N/A	8.6	06/01/2018
Russell 3000 Index	8.2	15.1	44.2	18.7	N/A	N/A	18.4	
PRIT Vintage 2019	20.3	30.7	68.2	N/A	N/A	N/A	21.2	04/01/2019
Russell 3000 Index	8.2	15.1	44.2	N/A	N/A	N/A	23.2	
PRIT Vintage 2020	11.9	20.5	40.1	N/A	N/A	N/A	22.7	03/01/2020
Russell 3000 Index	8.2	15.1	44.2	N/A	N/A	N/A	36.7	
PRIT Vintage 2021	-2.3	N/A	N/A	N/A	N/A	N/A	-2.3	04/01/2021
Russell 3000 Index	8.2	N/A	N/A	N/A	N/A	N/A	8.2	

The inception date expressed on the Manager Performance Overview page(s) represents the first day of the first full month following the purchase of the investment. Performance figures shown at the fund level begin on this inception date. Your performance may differ slightly if the fund was purchased during the previous month. Actual performance is captured at the total plan level.

Investment returns are derived from custodian valuations and may deviate slightly from fund level returns displayed in other pages in your report which can result in minor differences in universe rankings. Mutual fund performance may differ from the current share class's historical performance due to share class exchanges.

<sup>\*\*</sup> PRIT General Allocation Fund performance is provided net of fees for comparative purposes only.

### **Liquidity Analysis**

#### As of June 30, 2021

Investment	Initial Lock-up Period	Terms	Investment Date
IRM Core Bond Fund	None	Daily liquidity: requires 5 business days notice	Jul-00
Eaton Vance Trust CIT High Yield Fund	None	Daily Liquidity	Mar-18
Brandywine Global Opportunistic Fund	None	Daily liquidity: contributions require 24 hours notice; redemptions require 10 days notice	Jun-11
Wellington Opportunistic Investment Allocation Fund	None	Monthly contributions and/or redemptions with 30 days notice	Nov-10
PRIT Domestic Equity Account	None	Monthly liquidity for contributions and withdrawals on first business day; redemptions require 5 days notice	Jul-10
Columbia U.S. Contrarian Core Equity Fund	None	Monthly liquidity for contributions; withdrawals on first business day with wire T+10 business days; 30 days notice required	Jan-15
Lee Munder Mid Cap Collective Fund	None	Daily liquidity for contributions and withdrawals, subject to T+1	Jan-15
Wellington Small Cap 2000 Portfolio	None	Monthly liquidity for contributions and withdrawals on first business day; notice by 22nd prior to month the flow occurs	Oct-99
Earnest Partners International Equity Fund	None	Monthly liquidity for contributions and withdrawals; 5 business days notice required	Aug-08
MFS Institutional International Equity Fund	None	Daily liquidity for contributions and withdrawals, subject to T+1	Dec-10
Acadian International Small Cap Fund	None	Daily liquidity for contributions and withdrawals, 7 business days requested	Feb-11
PRIT Real Estate Fund	None	Monthly liquidity for contributions and withdrawals on first business day; 5 days notice required	Jun-11
TA Realty Core Property Fund, LP	Reducing percentage over 3 year period	Quarterly liquidity for withdrawals on first business day; 45 days notice required.	Apr-18
American Strategic Value Realty Fund	One-year	Quarterly liquidity for withdrawals on first business day subject to liquidity restraints due to fund activity; 30 days notice required	Jul-18
TerraCap Partners IV	8 year term plus two one-year extension options	Not applicable	Aug-18
PRIT Hedge Funds	None	Quarterly liquidity for contributions and withdrawals on first business day; 30 days notice required	Jul-10
RCP Fund IV	Term expires 12/31/18 and is subject to three one-year extensions	Not applicable	Jan-07
PRIT Vintage Year Funds	Illiquid Generally 10-15 Years	Commitments must be made annually in December. Drawdowns occur monthly on first business day.	Apr-11

# **Summary of Private Equity Investments**

# As of June 30, 2021

## Direct/Non-Core Real Estate<sup>1</sup>

Investment	Commitment	Adjusted Commitment	Drawdowns to Date	% Drawn	Remaining Commitment	Distributions to Date	Ending Capital Balance	Notes on Fund Terms/Extensions
TerraCap Partners IV	\$1,000,000	N/A	\$1,000,000	100.0%	\$0	\$427,997	\$878,413	The fund was fully called on July 17, 2018 including \$58,438 in notional interest also due
Total Private Real Estate	\$1,000,000		\$1,000,000	100.0%	\$0	\$427,997	\$878,413	

**Private Equity<sup>2</sup>** 

Investment	Commitment	Adjusted	Drawdowns	% Day 3	Remaining	Distributions	Ending	Notes on Fund
		Commitment <sup>3</sup>	to Date	Drawn <sup>3</sup>	Commitment	to Date	Capital Balance	Terms/Extensions
RCP Fund IV	\$3,000,000	\$3,000,000	\$3,314,717	110.5%	\$0	\$6,452,062	\$8,357	Term expires December 31, 2018 and is subject to three one- year extensions.
PRIT VY Program⁴								
PRIT Vintage 2011	\$1,500,000	\$1,372,500	\$1,255,974	83.7%	\$244,026	\$2,152,606	\$958,109	Illiquid: 10-15 time horizon
PRIT Vintage 2012	\$1,500,000	\$942,957	\$858,145	57.2%	\$641,855	\$1,002,563	\$1,303,818	Illiquid: 10-15 time horizon
PRIT Vintage 2013	\$1,500,000	\$1,141,688	\$1,053,837	70.3%	\$446,163	\$1,043,088	\$1,538,227	Illiquid: 10-15 time horizon
PRIT Vintage 2014	\$1,500,000	\$1,362,271	\$1,195,330	79.7%	\$304,670	\$894,539	\$1,666,122	Illiquid: 10-15 time horizon
PRIT Vintage 2015	\$2,000,000	\$1,646,632	\$1,482,430	74.1%	\$517,570	\$924,281	\$2,784,061	Illiquid: 10-15 time horizon
PRIT Vintage 2016	\$2,000,000	\$1,108,608	\$907,374	45.4%	\$1,092,626	\$263,382	\$1,247,387	Illiquid: 10-15 time horizon
PRIT Vintage 2017	\$3,000,000	\$3,114,984	\$1,977,529	65.9%	\$1,022,471	\$262,070	\$2,851,904	Illiquid: 10-15 time horizon
PRIT Vintage 2018	\$3,000,000	\$2,871,599	\$1,747,630	58.3%	\$1,252,370	\$191,443	\$2,335,160	Illiquid: 10-15 time horizon
PRIT Vintage 2019	\$3,500,000	\$3,302,186	\$1,759,126	50.3%	\$1,740,874	\$343,179	\$2,049,260	Illiquid: 10-15 time horizon
PRIT Vintage 2020	\$3,500,000	\$3,558,193	\$624,425	17.8%	\$2,875,575	\$2,696	\$583,416	Illiquid: 10-15 time horizon
PRIT Vintage 2021	\$5,000,000	\$1,265,638	\$473,134	9.5%	\$4,526,866	\$0	\$362,294	Illiquid: 10-15 time horizon
Total PRIT VY Program	\$28,000,000	\$21,687,256	\$13,334,934	47.6%	\$14,665,066	\$7,079,847	\$17,679,758	
Total Private Equity	\$31,000,000	\$24,687,256	\$16,649,651	53.7%	\$14,665,066	\$13,531,909	\$17,688,115	

<sup>&</sup>lt;sup>1</sup>Ending capital balances for TerraCap Partners IV is as of 12/31/20 and are adjusted for any capital activity during the current quarter.

DISCLOSURE: The figures on this page have been obtained from sources we deem to be reliable. Fiducient Advisors has not independently verified this information.

<sup>&</sup>lt;sup>2</sup>Ending capital balances for RCP IV is reported on a quarter lag as of 3/31/21 and adjusted for any capital activity in the current quarter.

<sup>&</sup>lt;sup>3</sup>The adjusted commitment is expected to fluctuate widely over the first two years of the initial investment period for each PRIT vintage year. The figure represents the capital commitment adjusted for what PRIM expects to fully commit for a given vintage year once all deals are close to final. There is no guarantee that a participating system will reach its expected commitment in full. The % drawn value is calculated based on the unadjusted commitment.

<sup>&</sup>lt;sup>4</sup>Ending capital balances for PRIT VY Program assets are reported as of 6/30/2021.

# **Estimated Fee Analysis**

As of June 30, 2021

Manager	Target Allocation	Market Value	Fee Schedule <sup>2</sup>	Estimated Annualized Totals <sup>1</sup>
IRM Core Bond Fund	17.0%	36,977,060	0.28%	\$103,536
Eaton Vance Trust CIT High Yield Fund	2.5%	5,974,273	0.50%	\$29,871
Brandywine Global Opportunistic Fixed Income	4.0%	9,553,527	0.45%	\$42,991
Wellington Opportunistic Investment Allocation <sup>3</sup>	3.0%	8,218,320	0.65%	\$53,419
PineBridge Global Dynamic Asset Allocation	3.0%	8,215,326	0.75%	\$61,615
PRIT Domestic Equity	7.7%	22,724,291	0.08%	\$18,179
Columbia U.S. Contrarian Core Equity Private Fund	12.0%	34,768,958	0.50%	\$173,845
_ee Munder Mid Cap Core Collective Fund	5.5%	15,491,489	0.75%	\$116,186
Wellington Small Cap 2000 Portfolio <sup>3</sup>	3.0%	8,700,164	0.90% on first \$25 Mil; 0.80% on next \$25 Mil; 0.70% on next \$50 Mil; negotiable thereafter	\$78,301
EARNEST Partners International Equity	8.6%	24,557,919	1.00%	\$245,579
MFS Institutional International Equity	8.6%	23,302,511	0.71%	\$165,448
Acadian International Small Cap Equity	2.6%	8,359,563	0.75%	\$62,697
PRIT Core Real Estate <sup>4</sup>	7.0%	16,068,359	0.49%	\$78,735
TA Realty Core Property Fund, LP	1.5%	4,677,695	0.70%	\$32,744
American Strategic Value Realty Fund <sup>5</sup>	1.0%	2,246,178	1.25% on first \$10 Mil; 1.20% on next \$15 Mil; 1.10% on next \$25 Mil; 1.00% thereafter	\$28,077
TerraCap Partners IV <sup>6</sup>	0.5%	878,413	1.50%	\$13,176
PRIT Hedge Funds <sup>4</sup>	7.5%	19,243,405	0.96%	\$184,737
RCP Fund IV <sup>8</sup>		8,357	0.75% of contributions	No longer charging management fee
PRIT Vintage Year Portfolios <sup>4</sup>		17,679,757	1.00%	\$176,798
Average Weighted Investment Management Fee			0.62%	Approximately \$1,670,000

 $TerraCap\ and\ RCP\ valued\ as\ of\ 12/31/20\ or\ 3/31/21,\ adjusted\ for\ capital\ calls\ and\ distributions\ in\ the\ quarter.$ 

Footnotes: <sup>1</sup>Estimated Annualized Totals does not include applicable incentive fees. <sup>2</sup>Management fees for commingled funds may not include additional underlying fund expenses such as custody, audit, legal and administrative expenses that are typically deducted from the net asset value of the fund. <sup>3</sup>Wellington: Opportunistic Investment Allocation Fund fee structure changed to performance based with a lower base fee of 0.65% effective 1/1/2015; the maximum annual fee provided that the manager meets performance based objectives is the original fee of 1.10%; Wellington has waived minimum annual fee for the Small Cap 2000 portfolio. <sup>4</sup>PRIT Investments reflect expense ratios as of most recent fiscal year end (FY 2020 CAFR) and will vary year-to-year depending on performance incentive fees paid out to managers. Fees for Vintage Year portfolios vary widely; the estimated fee of 1.00% is expected as the management fee over the life of the investments. <sup>5</sup>American Strategic Value Realty Fund fee reflects base fee not including carried interest of 20% after 10% preferred return. <sup>6</sup>TerraCap Partners IV fee reflects base fee not including carried interest of 20% after 8% preferred return and 30% after 15% secondary preferred return. <sup>7</sup>Auda Ventures LP fee reflects base fee not including carried interest of 5% after 10% preferred return. <sup>8</sup>RCP Fund IV fee reflects estimated annual base fee, expenses and underlying fund fees based on fees paid during 4Q 2020 and excludes carried interest of 5% after 10% preferred return. Fund of fund fees are shown at the fund of fund level and may not include fees charged by underlying investment managers/funds.

DISCLOSURE: The figures on this page have been obtained from sources we deem to be reliable. Fiducient Advisors has not independently verified this information.

# Manager Commentary As of June 30, 2021

Manager	Manager Status	Comments
Fixed Income		
IRM Core Bond Fund LLC	Maintain	2Q 2021 – The IR+M strategy produced a positive return during the second quarter, outperforming the Bloomberg Barclays U.S. Aggregate Bond Index. Non-government sectors performed well as credit spreads continued to grind tighter and a declining interest rate environment was a general tailwind for fixed income investors.  (+) A lower than benchmark weight to Treasuries, combined with an overweight to corporate bonds, contributed to results in the quarter.  (+) Exposure to ABS, notably SBA loans, had a positive impact on performance.  (-) Issue selection was mixed this quarter and selection within the energy subsector weighed on relative performance.
Eaton Vance Trust CIT High Yield Fund	Maintain	2Q 2021 - Commentary not available at time of report production.
Brandywine Global Opportunistic Fixed Income	Maintain	2Q 2021 - The strategy outperformed its benchmark during the quarter while generating a positive total return. The investment grade fixed income market produced a positive return during the quarter, benefitting from both declining interest rates and spread compression.  (+) Overweight allocations to U.S. investment grade credit added to relative returns.  (+) Local currency exposure, namely in the Brazilian real and Mexican peso added to relative returns during the quarter.  (-) Underweight allocations to U.S. Treasuries detracted from relative returns as rates rallied.
Asset Allocation		
WTC-CIF Opportunistic Invst Allocation	Maintain	2Q 2021 – The Wellington strategy produced a positive absolute return but lagged the blended benchmark (65% MSCI AC World Index/35% Barclays U.S. Aggregate Bond Index). Financial markets pushed higher during the period with favorable results stemming from most regions around the world. In a reversal from the first quarter, value-oriented equities generally lagged their growth counterparts.  (+) The portfolio's Healthcare Innovation and Transportation Disruption themes were the two largest contributors during the period.  (-) The Japan's New Decade theme was one of the largest detractors for the quarter as a slower vaccine rollout compared to other developed nations was a headwind for Japanese stocks.  (-) The strategy's COVID Recovery theme also weighed on relative results as the reopening trade took a bit of a pause in the quarter. The theme continues to focus on areas that will benefit from a return to normal environment, such as transportation, mining, and housing related investments.
PineBridge Global Dynamic Asset Allocation Fund LLC	Maintain	2Q 2021 - Commentary not available at time of report production.
Domestic Equity		
PRIT Domestic Equity	Maintain	2Q 2021 - Commentary not available at time of report production.
Columbia US Contrarian Core Equity Fund	Maintain	2Q 2021 - Commentary not available at time of report production.
LMCG Mid Cap Collective Fund	Maintain	2Q 2021 - Commentary not available at time of report production.
Wellington Small Cap 2000	Maintain	2Q 2021 - Commentary not available at time of report production.
International Equity		
Earnest Partners Intl Equity	Maintain	2Q 2021 - The fund gained during the quarter and outperformed the MSCI ACWI ex US Index. Both developed foreign and emerging market stocks posted positive returns during the quarter. Within developed markets large caps beat small caps and growth outpaced value. Style trends were reversed within emerging markets with value and small cap stocks fairing best. Regionally, Brazil and Switzerland were among the strongest performers while South Africa and Japan were laggards within the index.  (+) Stock picks in the health care sector were the largest contributor to relative performance in the second quarter.  (+) An underweight to Japan was an additional contributor during the period.  (-) Poor selection within the materials and technology sectors only partially offset the strong performance elsewhere.

# Manager Commentary As of June 30, 2021

Manager	Manager Status	Comments
MFS Instl International Equity Fund	Maintain	2Q 2021 - The Portfolio gained during the quarter and outperformed the MSCI EAFE Index. Both developed foreign and emerging market stocks posted positive returns during the quarter. Within developed markets large caps beat small caps and growth outpaced value. Style trends were reversed within emerging markets with value and small cap stocks fairing best. Regionally, Switzerland and Denmark were among the strongest performers while Japan and Hong Kong were laggards within the index.  (+) An overweight in energy was favorable adding (+0.7%) for the most recent calendar year quarter.  (-) Weak stock selection in the Netherlands had the most damaging impact on performance (-0.2%) in the second quarter.  (-) Year-to-date, sector selection in information technology (-0.7%) and in health care (-0.6%) were the biggest hindrances to performance.  As of 5/31/2021, the main sector and or country overweights (versus the MSCI EAFE Index) were in France (+7%), energy (+5%), and Switzerland (+4.6%). The largest underweights were in Japan (-8%), Australia (-7%), and the United Kingdom (-4%). The cash weight was 0.8%.
Acadian Intl Small Cap Fund	Maintain	2Q 2021 - The portfolio gained during the quarter and outperformed the MSCI EAFE Small Cap Index. Both developed foreign and emerging market stocks posted positive returns during the quarter. Within developed markets large caps beat small caps and growth outpaced value Style trends were reversed within emerging markets with value and small cap stocks fairing best. Regionally, Denmark and Israel were among the strongest performers while Japan and Singapore were laggards within the index.  (+) Regionally, the U.K. and Australia contributed most through positive stock selection.  (+) At the sector level, stock picks in the materials and health care sectors contributed most.  (-) Total contributions to returns were only negative within the communication services and real estate sectors, and only partially offset positive performance elsewhere.
Real Estate		
PRIT Real Estate Fund	Maintain	The PRIT Real Estate Account provides diversified exposure to the commercial real estate market through exposure to physical assets and public securities. Approximately 80% of the portfolio is invested in separate account core portfolios with Invesco, LaSalle, AEW, and JP Morgan. The Core portfolio includes portfolio debt of approximately \$1 billion. The portfolio also includes dedicated allocations to Global REIT portfolios managed by CenterSquare, Invesco, Presima, and Brookfield. Non-Core portfolio investments of approximately \$500 million include allocations with Carlyle Group and DivcoWest. There is also a modest allocation to economically targeted investments. The PRIT board expects to identify additional real estate opportunities in the upcoming year and will formally evaluate their advisory relationship. Townsend currently serves as Real Estate Consultant.
TA Realty Core Property Fund, LP	Maintain	2Q 2021 – The TA Realty Core Property Fund generated a gross return of 5.44% (5.27% net), consisting of 0.89% of income and 4.55% of appreciation. Portfolio occupancy stands at 98% as of quarter end with a leverage ratio of 20%. The portfolio made four acquisitions during the quarter, three industrial properties and one multifamily. There were no dispositions made this period. Positioning remains with heavy overweights to industrial and multifamily relative to the ODCE and with underweights to retail and office.  (+) The industrial portfolio generated the greatest gains in the period.  (+) Multifamily was the second greatest contributor to the portfolio's performance for the quarter.  (-) Office was the weakest performing segment for the portfolio and the only group that produced a negative return.
American Strategic Value Realty Fund	Maintain	2Q 2021 - Commentary not available at time of report production.
TerraCap Partners IV	Maintain	2Q 2021 - Commentary not available at time of report production.
Hedge Funds		
PRIT Hedge Funds	Maintain	The PRIT Hedge Fund segmented portfolio consists primarily of direct hedge funds which comprise approximately 85% of the capital invested across 28 direct fund investments. The portfolio's active Fund of Funds allocation, which accounts for 15% of the program, focuses on emerging managers and is managed by PAAMCO. Residual capital in the fund of funds closed portfolios is being overseen and actively wound down by Arden, advisor to the PRIM Board. Earlier in 2017, the PRIM Board merged the 4% target allocation to portfolio completion strategies, which currently includes three risk premia strategies, a residential real estate holding, an agricultural investment and an equity hedge, with the 9% hedge fund allocation for a combined PCS allocation of 13%. Participating investors will continue to access the Hedge Funds sleeve on a stand-alone basis.

# Manager Commentary As of June 30, 2021

Manager	Manager Status	Comments
Private Equity		
RCP Fund IV	Illiquid Inherited	This Fund is reported on a one quarter lag. As of December 31, 2016 the Fund reported a new IRR of 14.3% and has returned a total of 134.4% of paid in capital to investors. The portfolio made its 37th distribution during the fourth quarter following multiple liquidity events in the underlying portfolio. The portfolio's net return on invested capital ended the quarter at 1.9x. Both the IRR and multiples moved slightly higher during the quarter. The portfolio has also made additional distributions early in 2017 although a portion was held back as a capital call.
PRIT VY Investments		The PRIT Private Equity Vintage year program is raised annually seeking to make approximately 30 investment decisions per year. The strategy has two key components: special equity and venture capital. Special equity is comprised of opportunities across large buyouts, small and mid-cap buyouts, and growth equity. The portfolio is built through commitments to a number of private partnerships and can also include co-investments. The private equity program is overseen by Senior Investment Officer, Michael Bailey.

# Manager Investment Gain/Loss Summary Quarter Ending June 30, 2021

Quarter Ending Julie 30, 2021	B d a who A Malay			No autor A Malaca	
	Market Value As of	Net Flows	Return On	Market Value As of	
	04/01/2021	Net Flows	Investment	06/30/2021	
Short Term Liquidity					
Collective US Govt STIF Fund	3,816,991	-2,011,493	-	1,805,498	
Total Short Term Liquidity	3,816,991	-2,011,493	-	1,805,498	
Fixed Income					
IRM Core Bond Fund LLC	36,310,365	-	666,695	36,977,060	
Eaton Vance Trust CIT High Yield Fund	5,813,095	-	161,179	5,974,273	
Brandywine Global Opportunistic Fixed Income	9,311,958	-	241,569	9,553,527	
Total Fixed Income	51,435,418	-	1,069,442	52,504,860	
Asset Allocation					
WTC-CIF Opportunistic Invst Allocation	7,908,374	-	309,946	8,218,320	
PineBridge Global Dynamic Asset Allocation Fund LLC	7,881,393	-	333,933	8,215,326	
Total Asset Allocation	15,789,766	-	643,880	16,433,646	
Domestic Equity					
PRIT Domestic Equity	21,035,329	-	1,688,962	22,724,291	
Columbia US Contrarian Core Equity Fund	32,745,479	-700,000	2,723,479	34,768,958	
LMCG Mid Cap Collective Fund	14,977,269	-	514,220	15,491,489	
Wellington Small Cap 2000	8,380,015	-	320,150	8,700,164	
Total Domestic Equity	77,138,092	-700,000	5,246,811	81,684,902	
International Equity					
Earnest Partners Intl Equity	23,024,425	-	1,533,494	24,557,919	
MFS Instl International Equity Fund	21,803,437	-	1,499,074	23,302,511	
Acadian Intl Small Cap Fund	7,764,629	-	594,934	8,359,563	
Total International Equity	52,592,491	-	3,627,502	56,219,993	

# Manager Investment Gain/Loss Summary Quarter Ending June 30, 2021

	Market Value As of 04/01/2021	Net Flows	Return On Investment	Market Value As of 06/30/2021	
eal Estate					
RIT Real Estate Fund	15,066,638	-	1,001,720	16,068,359	
A Realty Core Property Fund, LP	4,442,909	-	234,787	4,677,695	
merican Strategic Value Realty Fund	2,154,635	-	91,542	2,246,178	
erraCap Partners IV	878,413	-	-	878,413	
otal Real Estate	22,542,595	-	1,328,049	23,870,644	
edge Funds					
RIT Hedge Funds	18,779,651	-	463,754	19,243,405	
otal Hedge Funds	18,779,651	-	463,754	19,243,405	
rivate Equity					
CP Fund IV	26,724	-18,367	-	8,357	
RIT Vintage 2011	1,058,280	-416,800	316,629	958,109	
RIT Vintage 2012	1,188,710	-44,579	159,687	1,303,818	
RIT Vintage 2013	1,392,874	-130,622	275,976	1,538,227	
RIT Vintage 2014	1,604,180	-84,229	146,172	1,666,122	
RIT Vintage 2015	2,631,645	-177,046	329,462	2,784,061	
RIT Vintage 2016	1,178,654	-31,479	100,212	1,247,387	
RIT Vintage 2017	2,546,958	101,034	203,912	2,851,904	
RIT Vintage 2018	1,930,662	148,137	256,360	2,335,160	
RIT Vintage 2019	1,487,697	216,934	344,628	2,049,260	
RIT Vintage 2020	321,686	200,157	61,573	583,416	
RIT Vintage 2021	-	367,161	-4,867	362,294	
otal Private Equity	15,368,069	130,302	2,189,743	17,688,114	
otal Fund Composite	257,463,073	-2,581,191	14,569,181	269,451,063	

# **Market Value & Flow Summary**

January 1, 2007 To June 30, 2021

Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
Dec-2006	-	-	-	89,230,180	N/A
Mar-2007	89,230,180	-1,452,000	2,119,807	89,897,987	2.3
lun-2007	89,897,987	-1,819,719	4,083,544	92,161,812	4.6
Sep-2007	92,161,812	4,632,269	846,853	97,640,934	0.9
Dec-2007	97,640,934	-1,249,275	-1,131,003	95,260,656	-1.2
Mar-2008	95,260,656	-1,792,164	-5,030,268	88,438,224	-5.3
un-2008	88,438,224	-1,815,961	78,271	86,700,534	0.1
Sep-2008	86,700,534	4,911,404	-8,574,440	83,037,498	-9.2
Dec-2008	83,037,498	-1,492,765	-13,101,380	68,443,353	-15.8
Mar-2009	68,443,353	-1,235,448	-5,286,840	61,921,064	-7.7
un-2009	61,921,064	545,007	6,676,722	69,142,792	10.8
Sep-2009	69,142,792	2,411,486	7,754,039	79,308,316	10.9
Dec-2009	79,308,316	-1,279,156	2,632,754	80,661,914	3.4
Mar-2010	80,661,914	-1,922,947	3,126,385	81,865,352	4.1
un-2010	81,865,352	-1,925,000	-4,203,687	75,736,665	-5.2
Sep-2010	75,736,665	5,886,079	6,954,108	88,576,852	8.4
Dec-2010	88,576,852	-1,724,125	5,510,048	92,362,776	6.3
Лar-2011	92,362,776	-1,700,936	4,147,117	94,808,957	4.5
un-2011	94,808,957	-1,865,526	211,020	93,154,452	0.2
ep-2011	93,154,452	6,658,409	-10,467,449	89,345,412	-10.4
Dec-2011	89,345,412	-2,092,157	4,734,765	91,988,020	5.3
Mar-2012	91,988,020	-2,409,805	7,144,754	96,722,969	7.8
un-2012	96,722,969	-1,772,726	-2,681,394	92,268,849	-2.8
ep-2012	92,268,849	7,452,391	4,711,288	104,432,529	4.7
Dec-2012	104,432,529	-2,350,397	2,444,417	104,526,549	2.4
Mar-2013	104,526,549	-1,858,369	5,250,456	107,918,636	5.0
un-2013	107,918,636	-1,987,842	233,385	106,164,179	0.2
ер-2013	106,164,179	8,048,762	4,867,503	119,080,444	4.2
Dec-2013	119,080,444	-2,186,900	6,362,761	123,256,305	5.4
Mar-2014	123,256,305	-2,278,454	2,325,881	123,303,733	1.9
un-2014	123,303,733	-2,288,304	4,577,761	125,593,191	3.8

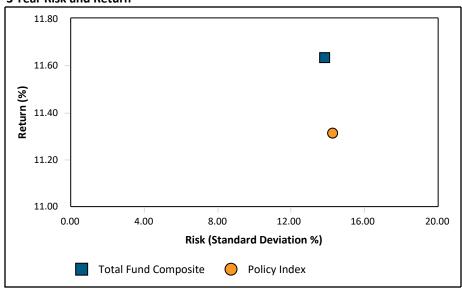
# Market Value & Flow Summary January 1, 2007 To June 30, 2021

	t Value Cash Flow \$) (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
Sep-2014 125,5	93,191 10,268,246	-1,388,534	134,472,902	-1.0
Dec-2014 134,4	72,902 -2,378,442	2,458,142	134,552,603	1.8
Mar-2015 134,5	52,603 -2,246,378	3,961,230	136,267,455	3.0
un-2015 136,2	67,455 -2,431,339	626,466	134,462,581	0.4
Sep-2015 134,4	62,581 11,403,254	-7,359,560	138,506,275	-5.0
Dec-2015 138,5	-2,460,269	3,853,192	139,899,197	2.8
Mar-2016 139,8	-2,498,851	819,948	138,220,294	0.6
un-2016 138,2	20,294 -2,785,444	2,126,432	137,561,282	1.5
Sep-2016 137,5	61,282 12,738,176	6,043,012	156,342,470	4.0
Dec-2016 156,3	42,470 -2,537,607	469,452	154,274,315	0.3
Mar-2017 154,2	74,315 -2,722,539	7,091,039	158,642,816	4.6
un-2017 158,6	-2,413,060	5,793,050	162,022,805	3.7
Sep-2017 162,0	22,805 14,079,967	5,793,985	181,896,757	3.3
Dec-2017 181,8	96,757 -2,754,427	5,718,358	184,860,688	3.2
Mar-2018 184,8	-3,098,102	-754,895	181,007,690	-0.4
un-2018 181,0	007,690 -2,224,279	1,822,461	180,605,873	1.0
Sep-2018 180,6	05,873 16,257,221	4,362,452	201,225,545	2.2
Dec-2018 201,2	25,545 -2,992,611	-15,029,022	183,203,912	-7.5
Mar-2019 183,2	-3,071,501	14,347,043	194,479,454	7.9
un-2019 194,4	79,454 -2,776,405	6,644,655	198,347,704	3.4
Sep-2019 198,3	47,704 10,498,159	1,439,819	210,285,682	0.7
Dec-2019 210,2	-3,120,621	11,747,408	218,912,469	5.6
Mar-2020 218,9	12,469 -2,843,037	-29,325,457	186,743,975	-13.5
un-2020 186,7	43,975 -3,047,010	19,603,396	203,300,361	10.6
Sep-2020 203,3	00,361 11,530,578	3 10,940,334	225,771,273	5.0
Dec-2020 225,7	71,273 -2,975,901	26,997,086	249,792,458	12.0
Mar-2021 249,7	92,458 -2,975,967	10,646,582	257,463,073	4.3
un-2021 257,4	-2,581,191	14,569,181	269,451,063	5.7

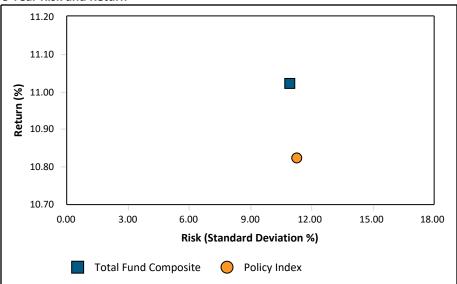
# Risk vs. Return Analysis

## As of June 30, 2021

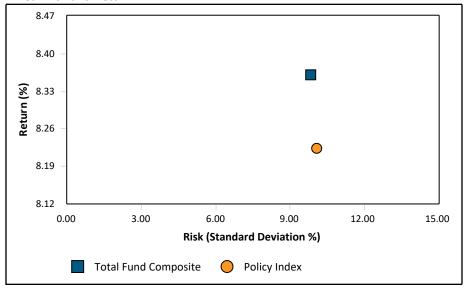
#### 3 Year Risk and Return



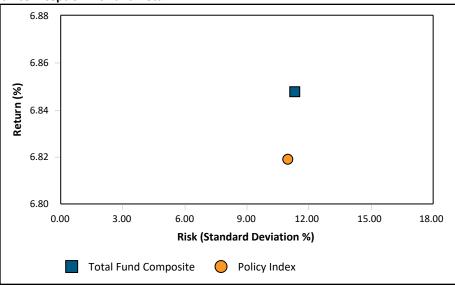
#### 5 Year Risk and Return



#### 7 Year Risk and Return



#### **Since Inception Risk and Return**



## **MPT Statistics**

## As of June 30, 2021

#### **3 Year Historical MPT Statistics**

	Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha
Total Fund Composite	11.64	13.81	8.93	0.77	0.11	2.16	0.98	0.96	0.74
Policy Index	11.31	14.25	9.18	0.73	N/A	0.00	1.00	1.00	0.00
90 Day U.S. Treasury Bill	1.34	0.53	0.00	N/A	-0.73	14.53	0.27	-0.02	1.57

#### **5 Year Historical MPT Statistics**

Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha
11.02	10.94	6.92	0.90	0.08	1.74	0.98	0.96	0.60
10.83	11.27	7.12	0.86	N/A	0.00	1.00	1.00	0.00
1.16	0.46	0.00	N/A	-0.86	11.49	0.22	-0.02	1.38
	11.02 10.83	Return         Deviation           11.02         10.94           10.83         11.27	Return         Deviation         Risk           11.02         10.94         6.92           10.83         11.27         7.12	Return         Deviation         Risk         Ratio           11.02         10.94         6.92         0.90           10.83         11.27         7.12         0.86	Return         Deviation         Risk         Ratio         Ratio           11.02         10.94         6.92         0.90         0.08           10.83         11.27         7.12         0.86         N/A	Return         Deviation         Risk         Ratio         Ratio         Error           11.02         10.94         6.92         0.90         0.08         1.74           10.83         11.27         7.12         0.86         N/A         0.00	Return         Deviation         Risk         Ratio         Ratio         Error         R-Squared           11.02         10.94         6.92         0.90         0.08         1.74         0.98           10.83         11.27         7.12         0.86         N/A         0.00         1.00	Return         Deviation         Risk         Ratio         Ratio         Error         R-Squared         Beta           11.02         10.94         6.92         0.90         0.08         1.74         0.98         0.96           10.83         11.27         7.12         0.86         N/A         0.00         1.00         1.00

#### 7 Year Historical MPT Statistics

Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha
8.36	9.82	6.16	0.78	0.07	1.53	0.98	0.96	0.42
8.22	10.09	6.33	0.75	N/A	0.00	1.00	1.00	0.00
0.85	0.46	0.00	N/A	-0.75	10.22	0.07	-0.01	0.96
	8.36 8.22	Return         Deviation           8.36         9.82           8.22         10.09	Return         Deviation         Risk           8.36         9.82         6.16           8.22         10.09         6.33	Return         Deviation         Risk         Ratio           8.36         9.82         6.16         0.78           8.22         10.09         6.33         0.75	Return         Deviation         Risk         Ratio         Ratio           8.36         9.82         6.16         0.78         0.07           8.22         10.09         6.33         0.75         N/A	Return         Deviation         Risk         Ratio         Ratio         Error           8.36         9.82         6.16         0.78         0.07         1.53           8.22         10.09         6.33         0.75         N/A         0.00	Return         Deviation         Risk         Ratio         Ratio         Error         R-Squared           8.36         9.82         6.16         0.78         0.07         1.53         0.98           8.22         10.09         6.33         0.75         N/A         0.00         1.00	Return         Deviation         Risk         Ratio         Ratio         Error         R-Squared         Beta           8.36         9.82         6.16         0.78         0.07         1.53         0.98         0.96           8.22         10.09         6.33         0.75         N/A         0.00         1.00         1.00

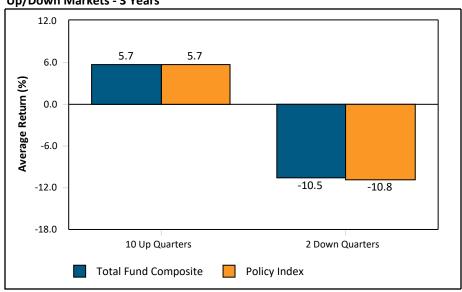
### **Since Inception Historical MPT Statistics**

	Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha	Inception Date
Total Fund Composite	6.85	11.33	7.08	0.49	0.03	2.24	0.96	1.01	-0.02	10/01/1999
Policy Index	6.82	10.98	6.88	0.50	N/A	0.00	1.00	1.00	0.00	10/01/1999
90 Day U.S. Treasury Bill	1.68	0.94	0.00	N/A	-0.50	11.17	0.03	-0.01	1.79	10/01/1999

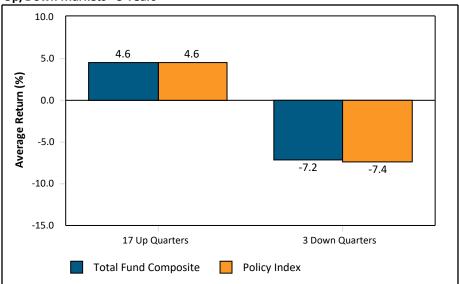
# **Market Capture Report**

## As of June 30, 2021

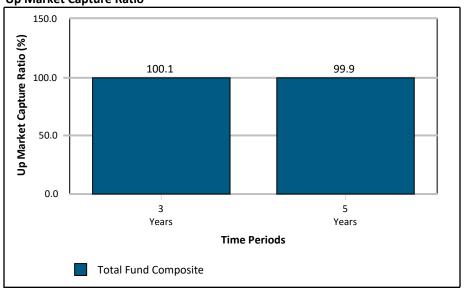
Up/Down Markets - 3 Years



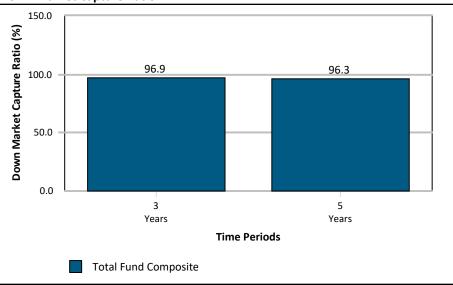




**Up Market Capture Ratio** 



#### **Down Market Capture Ratio**

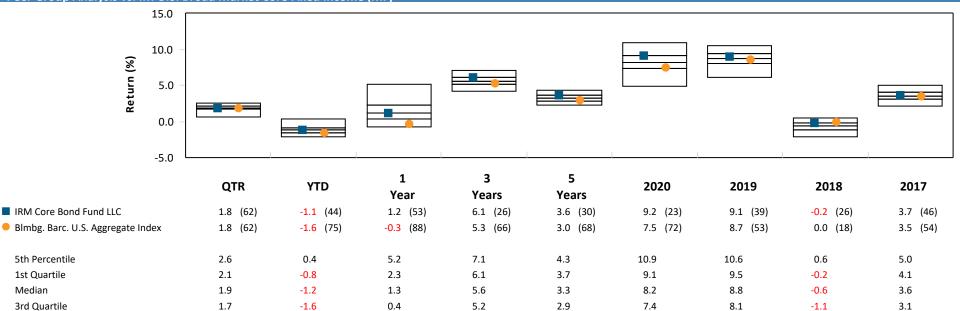


### **IRM Core Bond Fund LLC**

As of June 30, 2021

95th Percentile

#### Peer Group Analysis vs. IM U.S. Broad Market Core Fixed Income (MF)



4.2

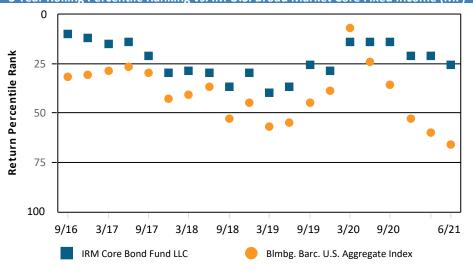
2.3

#### 3 Year Rolling Percentile Ranking vs. IM U.S. Broad Market Core Fixed Income (MF)

-2.1

-0.7

0.7



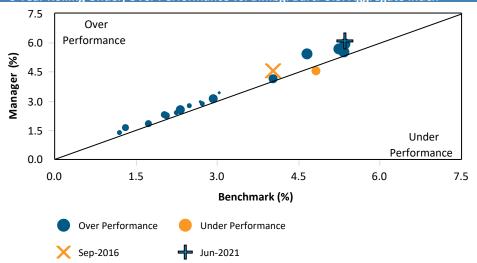
#### 3 Year Rolling Under/Over Performance vs. Blmbg. Barc. U.S. Aggregate Index

6.2

-2.1

2.1

4.9

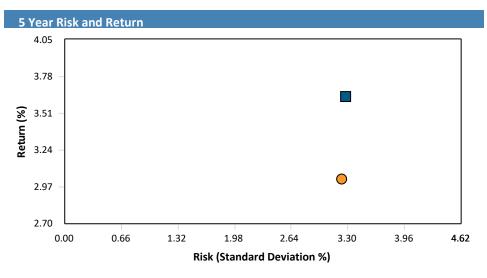


### **IRM Core Bond Fund LLC**

As of June 30, 2021



Blmbg. Barc. U.S. Aggregate Index



IRM Core Bond Fund LLC

Blmbg. Barc. U.S. Aggregate Index

Style	e Map - 3 Years		
	BC US Credit Index		BC U.S. Government
	O		0
Capitalization	,		
Capita			
	0		
	BC 1-3yr Gov/Credit		BC U.S. Long Gov/Credit
,		Manage	er Style
	Style History	Jun-2021	Average Style Exposure

	3	5
	Years	Years
Return	6.1	3.6
Standard Deviation	3.6	3.3
vs. Blmbg. Barc. U.S. Aggregate Index		
Alpha	0.7	0.6
Beta	1.0	1.0
R-Squared	0.9	1.0
Consistency	66.7	68.3
Up Market Capture	109.3	106.7
Down Market Capture	98.3	93.3
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	1.3	0.8

# IRM Core Bond Commingled Fund As of 06/30/2021

## **Portfolio Information**

 Firm Name
 Income Research & Management
 Portfolio Manager
 Team Managed

 Product Name
 Fund Style
 Fixed Income - Core

Portfolio Assets\$37.0 millionStyle BenchmarkBarclays Aggregate Bond IndexInception Date3/31/2002

## **Portfolio Investment Policy**

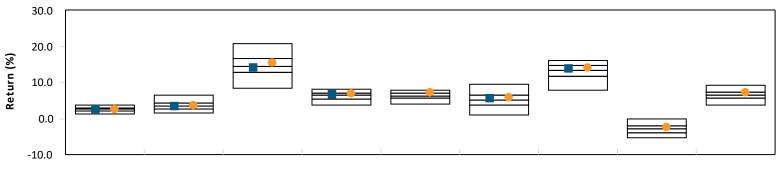
This fund invests in fixed income instruments, including government and agency issues, corporate issues, and asset-backed securities.

S	ector Weightings		Fixed Income Characteristics		
	<u>% of Portfolio</u>				
Treasury	18.5%	Maturity	less than 1 year	7.5%	
Agency	0.0%		1 to 3 years	15.0%	
Financials	9.5%		3 to 5 years	36.1%	
Industrials	19.3%		5 to 10 years	19.5%	
Utilities	3.7%		10 to 20 years	10.9%	
Non-Corporates	0.0%		Over 20 years	10.9%	
Mortgage Backed	29.3%				
Asset Backed	8.1%			# of yrs	
CMBS	9.1%		Portfolio Average	6.73	
Muni	2.4%		<b>Duration at Quarter End</b>	6.47	
Cash	0.1%				

<u>Quality</u>	% of Port.		<u>Quality</u>	% of Port.
AAA	62.2%		ВВ	1.0%
AA	3.1%		В	0.0%
Α	13.3%		Below B	0.0%
BBB	20.4%		N/R	0.0%

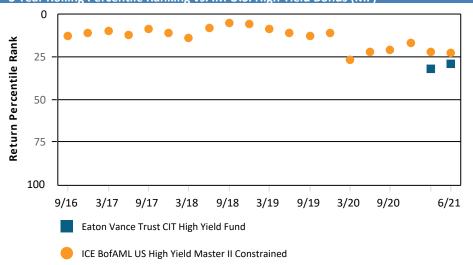
# Eaton Vance Trust CIT High Yield Fund As of June 30, 2021



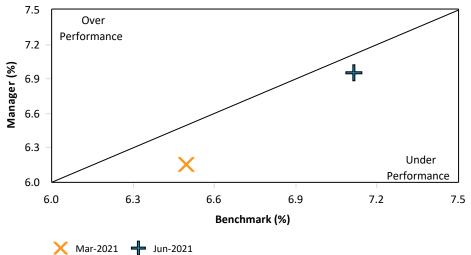


	QTR	YTD	1 Year	3 Years	5 Years	2020	2019	2018	2017
■ Eaton Vance Trust CIT High Yield Fund	2.8 (35)	3.6 (49)	14.3 (56)	7.0 (29)	N/A	5.6 (41)	14.1 (40)	N/A	N/A
<ul><li>ICE BofAML US High Yield Master II Constrained</li></ul>	2.8 (35)	3.7 (44)	15.6 (37)	7.1 (23)	7.3 (16)	6.1 (33)	14.4 (32)	<del>-2.3</del> (32)	7.5 (25)
5th Percentile	3.8	6.6	20.9	8.2	7.9	9.5	16.3	0.0	9.4
1st Quartile	2.9	4.3	16.7	7.1	7.0	6.6	14.7	-2.0	7.5
Median	2.6	3.5	14.7	6.4	6.4	5.3	13.5	-2.9	6.7
3rd Quartile	2.2	2.7	12.8	5.6	5.7	3.8	11.9	-3.8	5.8
95th Percentile	1.3	1.7	8.6	3.9	4.1	1.0	7.8	-5.4	3.7

#### 3 Year Rolling Percentile Ranking vs. IM U.S. High Yield Bonds (MF)



#### 3 Year Rolling Under/Over Performance vs. ICE BofAML US High Yield Master II



Eaton Vance Trust High Yield Bond CIT As of 06/30/2021

- · ·			•
DORTE	olio Inf	tormat	ınn
FULL	וווו טווט	Ulliat	IUII

Firm Name	Eaton Vance	Portfolio Manager	Team Managed
Product Name	Eaton Vance High Yield Bond	Fund Style	High Yield Bond

Portfolio Assets \$6.0 million
Inception Date 4/1/2018

**Style Benchmark** BofA Merrill Lynch U.S. High Yield Master II Constrained Index

### **Portfolio Investment Policy**

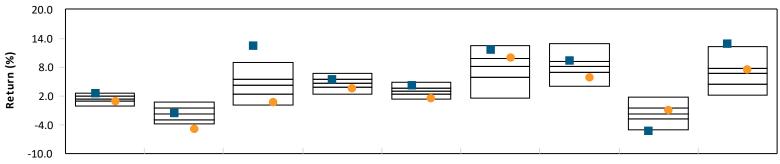
Eaton Vance seeks to identify opportunities as value changes in the market using a combination of bottom up research and a Market Factor analysis. Security selection is expected to drive the majority of excess returns over time. Analysts seek to identify credits with attractive return prospects per unit of risk. The research process centers on qualitative assessment, quantitative analysis, and a relative value analysis. The Market Factor component begins with an overall macroeconomic assessment. Top down analysis seeks to identify optimal market biases adn risk/return positioning to compliment bottom up research.

So	ector Weightings	;		Fixed Inco	ome Characteristics	
		% of Portfolio				
Treasury		0.0%	Maturity	less than 1 year		4.1%
Agency		0.2%		1 to 3 years		4.3%
Financials		7.2%		3 to 5 years		22.8%
Industrials		85.9%		5 to 10 years		63.5%
Utilities		4.0%		10 to 20 years		2.5%
Non-Corporates		0.0%		Over 20 years		2.8%
Mortgage Backed		0.0%				
Asset Backed		0.0%				# of yrs
CMBS		0.0%			Portfolio Average	6.65
Muni		0.0%			<b>Duration at Quarter End</b>	3.65
Cash		2.7%				
			Credit Quality Allocations			
	<b>Quality</b>	% of Port.			<b>Quality</b>	% of Port.
	AAA	2.7%			ВВ	46.4%
	AA	0.0%			В	35.9%
	Α	0.0%			Below B	12.8%
	BBB	1.0%			N/R	1.2%

Average Quality = B+/B1

# Brandywine Global Opportunistic Fixed Income As of June 30, 2021

#### Peer Group Analysis vs. IM Global Fixed Income (MF)



<ul><li>Brandywine Global Opportunistic Fixed Income</li><li>FTSE World Government Bond Index</li></ul>
5th Percentile
1st Quartile
Median
3rd Quartile
95th Percentile

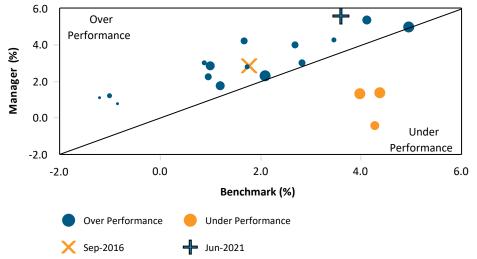
R	YTD			1 Yea	
(6)	-1.5	(47)	:	12.6	(1)
(76)	-4.8	(100)		8.0	(91)
	0.7			9.0	
	-0.5			5.5	
	-1.7			4.3	
	-3.0			2.5	
	-3.8			0.2	
	(6) (76)	(6) -1.5 (76) -4.8 0.7 -0.5 -1.7 -3.0	(6) -1.5 (47) (76) -4.8 (100) 0.7 -0.5 -1.7 -3.0	(6) -1.5 (47) : (76) -4.8 (100) : 0.7 -0.5 -1.7 -3.0	R YTD Yea (6) -1.5 (47) 12.6 (76) -4.8 (100) 0.8 0.7 9.0 -0.5 5.5 -1.7 4.3 -3.0 2.5



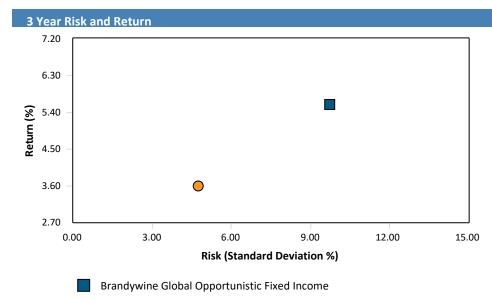
#### 3 Year Rolling Percentile Ranking vs. IM Global Fixed Income (MF)

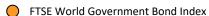


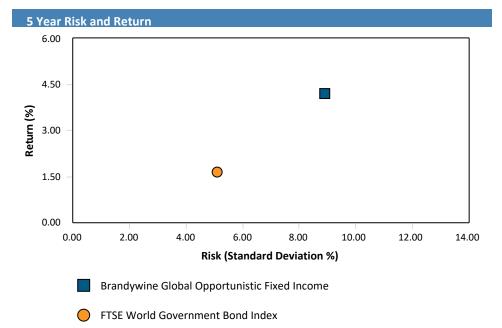




# Brandywine Global Opportunistic Fixed Income As of June 30, 2021







Style	Map - 3 Years	
Capitalization	BC US Credit Index	BC U.S. Government
Capita	O BC 1-3yr Gov/Credit	O BC U.S. Long Gov/Credit
	Manage	er Style
	Style History Jun-2021	Average Style Exposure

MPT Statistics vs. FTSE World Government Bond Index									
	3	5							
	Years	Years							
Return	5.6	4.2							
Standard Deviation	9.7	8.9							
vs. FTSE World Government Bond Index									
Alpha	1.6	2.5							
Beta	1.2	1.2							
R-Squared	0.3	0.4							
Consistency	58.3	56.7							
Up Market Capture	159.7	158.8							
Down Market Capture	157.8	131.5							
vs. 90 Day U.S. Treasury Bill									
Sharpe Ratio	0.5	0.4							

# Brandywine Global Asset Management As of 06/30/2021

## **Portfolio Information**

Firm NameBrandywine Global Asset ManagementPortfolio ManagerTeam Managed

Product NameBrandywine Global Opportunistic FundFund StyleFixed Income - Global Bonds

Portfolio Assets \$9.6 million Inception Date \$6/1/2011

## **Portfolio Investment Policy**

The Fund invests primarily in debt and fixed income securities of domestic and foreign issuers located in developed countries. The Fund considers any country that has a sovereign debt rating of A- or better from at least one nationally recognized statistical rating organization at the time of purchase to be a developed country. The Fund may opportunistically invest in high yield and emerging markets debt.

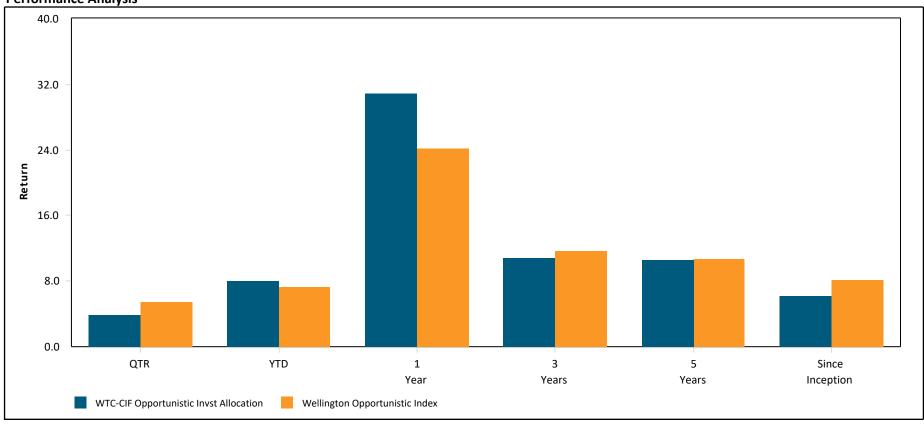
**Style Benchmark** 

Citigroup World Government Bond Index

	Sector Weightings				Fixed Income Characteristics	
		% of Portfolio				% of Portfo
easury		73.7%		Maturity	less than 1 year	13.2%
gency		4.3%			1 to 3 years	46.2%
nancials		7.9%			3 to 5 years	3.0%
dustrials		10.2%			5 to 10 years	11.2%
tilities		0.0%			10 to 20 years	6.6%
on-Corporates		-0.4%			Over 20 years	19.7%
ortgage Backed		0.9%				
sset Backed		0.0%				# of yrs
MBS		0.8%			Portfolio Average	8.37
uni		0.0%			<b>Duration at Quarter End</b>	2.88
ash		2.6%				
		Credit Quality A	locations			
	<u>Quality</u>	% of Port.			<u>Quality</u>	% of Port
	AAA	43.3%			ВВ	13.4%
	AA	4.2%			В	0.2%
	Α	12.0%			Below B	0.0%
	BBB	26.7%			N/R	0.2%

# WTC-CIF Opportunistic Invst Allocation As of June 30, 2021

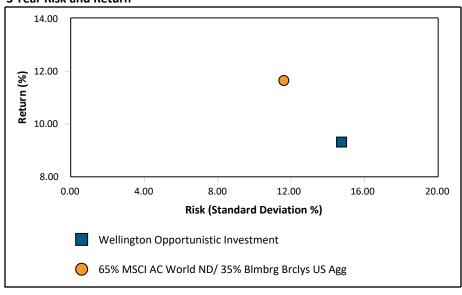
**Performance Analysis** 



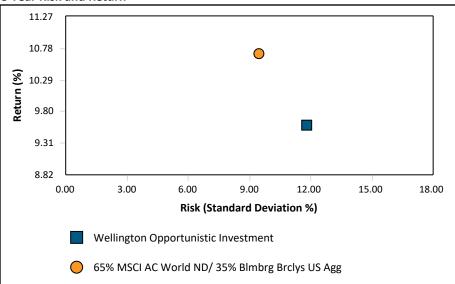
	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
WTC-CIF Opportunistic Invst Allocation	3.9	8.1	30.9	10.8	10.6	6.2	11/01/2010
Wellington Opportunistic Index	5.4	7.3	24.2	11.7	10.7	8.1	
Difference	-1.5	0.8	6.7	-0.9	-0.1	-1.9	

# Wellington Opportunistic Investment - Risk vs Return As of June 30, 2021

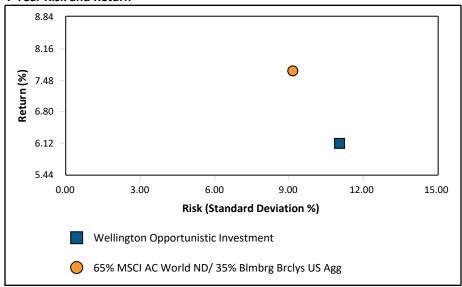
#### 3 Year Risk and Return



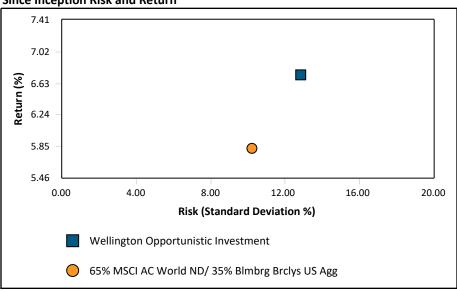
#### 5 Year Risk and Return



#### 7 Year Risk and Return



#### **Since Inception Risk and Return**



Returns for this exhibit are based on the investment composite gross returns from the manager, and then adjusted to reflect the stated management fee.

# Wellington Opportunistic Investment - MPT Statistics As of June 30, 2021

#### **3 Year Historical MPT Statistics**

	Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha
Wellington Opportunistic Investment	9.30	14.73	10.13	0.58	-0.32	5.43	0.89	1.20	-3.96
65% MSCI AC World ND/ 35% Blmbrg Brclys US Agg	11.67	11.60	7.36	0.89	N/A	0.00	1.00	1.00	0.00
90 Day U.S. Treasury Bill	1.34	0.32	0.00	N/A	-0.89	11.74	0.16	-0.01	1.47
30 Day O.S. Heasury Bill	1.54	0.32	0.00	N/A	-0.65	11.74	0.16	-0.01	1.47

#### **5 Year Historical MPT Statistics**

		Ratio	Ratio	Error			
11.82	7.98	0.73	-0.17	4.44	0.88	1.17	-2.50
9.48	5.93	0.99	N/A	0.00	1.00	1.00	0.00
0.27	0.00	N/A	-0.99	9.58	0.12	-0.01	1.27
	9.48	9.48 5.93	9.48 5.93 0.99	9.48 5.93 0.99 N/A	9.48 5.93 0.99 N/A 0.00	9.48 5.93 0.99 N/A 0.00 1.00	9.48 5.93 0.99 N/A 0.00 1.00 1.00

#### 7 Year Historical MPT Statistics

7.46						
7.40	0.51	-0.32	4.04	0.88	1.13	-2.27
5.69	0.76	N/A	0.00	1.00	1.00	0.00
0.01	N/A	-0.76	9.20	0.03	-0.01	0.90
			•	·	·	·

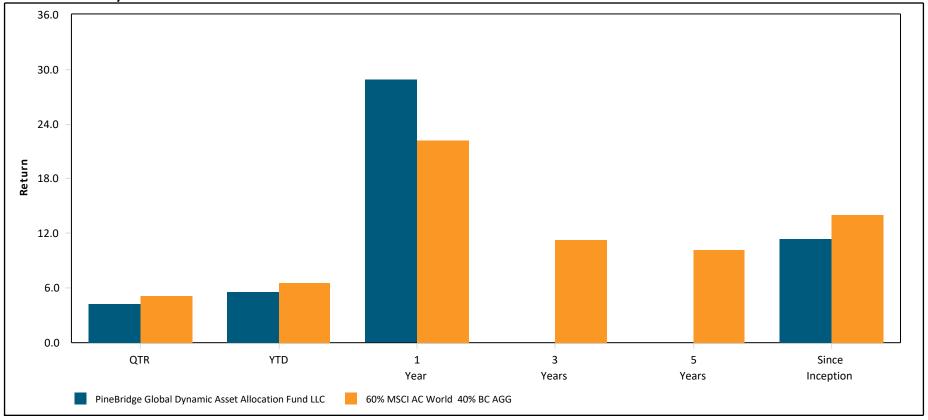
#### **Since Inception Historical MPT Statistics**

'	Return	Standard Deviation	Downside Risk	Sharpe Ratio	Information Ratio	Tracking Error	R-Squared	Beta	Alpha	Inception Date
Wellington Opportunistic Investment	6.74	12.83	8.87	0.45	0.23	5.05	0.86	1.16	0.15	03/01/2000
65% MSCI AC World ND/ 35% Blmbrg Brclys US Agg	5.83	10.24	6.96	0.45	N/A	0.00	1.00	1.00	0.00	03/01/2000
90 Day U.S. Treasury Bill	1.62	0.54	0.01	N/A	-0.45	10.33	0.02	-0.01	1.66	03/01/2000

Returns for this exhibit are based on the investment composite gross return from the manager, and adjusted for the management fee.

PineBridge Global Dynamic Asset Allocation Fund LLC As of June 30, 2021

**Performance Analysis** 

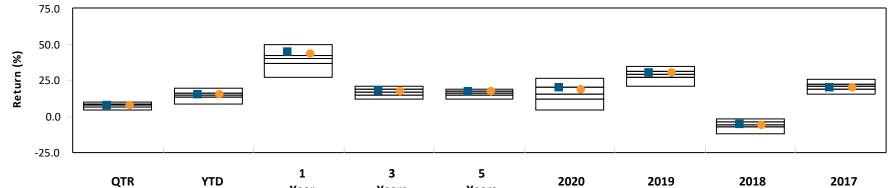


			Year	Years	Years	Inception	Date
PineBridge Global Dynamic Asset Allocation Fund LLC	4.2	5.6	28.9	N/A	N/A	11.4	02/01/2019
60% MSCI AC World 40% BC AGG	5.2	6.6	22.2	11.2	10.1	14.0	
Difference	-1.0	-1.0	6.7	N/A	N/A	-2.6	

## **PRIT Domestic Equity**

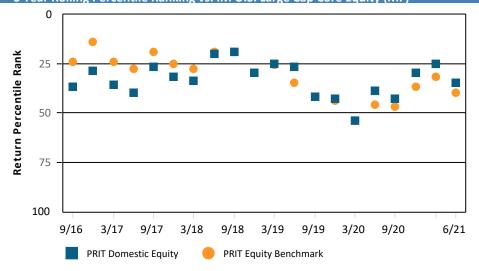
As of June 30, 2021

### Peer Group Analysis vs. IM U.S. Large Cap Core Equity (MF)

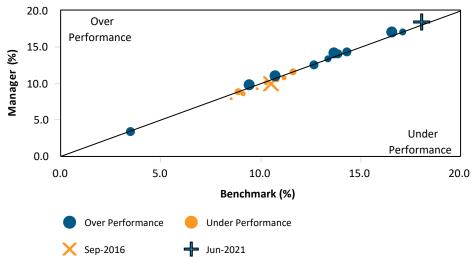


	OTD	QTR YTD	-	•	•	2020	2010	2010	2017
	QTR	טוז	Year	Years	Years	2020	2019	2018	2017
■ PRIT Domestic Equity	8.0 (49)	16.0 (32)	45.1 (16)	18.5 (35)	17.9 (23)	20.2 (28)	30.6 (42)	<del>-5.2</del> (42)	20.7 (58)
PRIT Equity Benchmark	7.9 (52)	15.6 (37)	44.2 (19)	18.1 (40)	17.5 (30)	18.9 (34)	30.8 (41)	<del>-5.5</del> (48)	20.8 (56)
5th Percentile	10.0	19.7	50.2	21.1	19.4	26.6	35.2	-1.4	26.2
1st Quartile	8.8	16.4	42.9	19.0	17.8	20.7	31.8	-3.7	22.8
Median	8.0	14.9	40.2	17.4	16.5	16.0	29.7	-5.6	21.2
3rd Quartile	6.8	13.6	36.9	15.3	14.9	12.3	27.1	-7.2	19.3
95th Percentile	4.8	9.1	27.6	12.0	12.1	4.5	21.5	-12.0	15.5

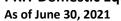
#### 3 Year Rolling Percentile Ranking vs. IM U.S. Large Cap Core Equity (MF)

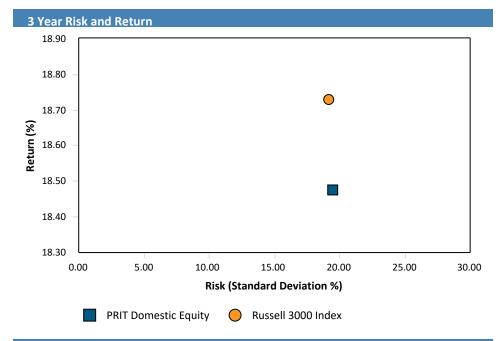


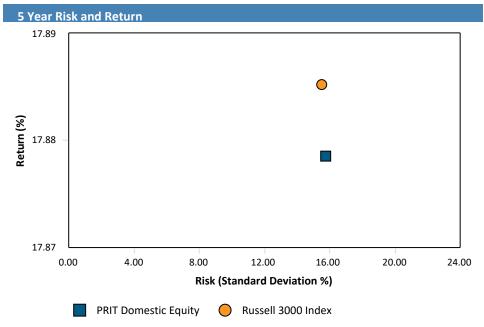
### 3 Year Rolling Under/Over Performance vs. PRIT Equity Benchmark



# **PRIT Domestic Equity**









	3	5
	Years	Years
Return	18.5	17.9
Standard Deviation	19.5	15.8
vs. Russell 3000 Index		
Alpha	-0.5	-0.2
Beta	1.0	1.0
R-Squared	1.0	1.0
Consistency	58.3	56.7
Up Market Capture	100.2	100.5
Down Market Capture	101.2	100.9
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.9	1.0

# PRIT Domestic Equity Account As of June 30, 2021

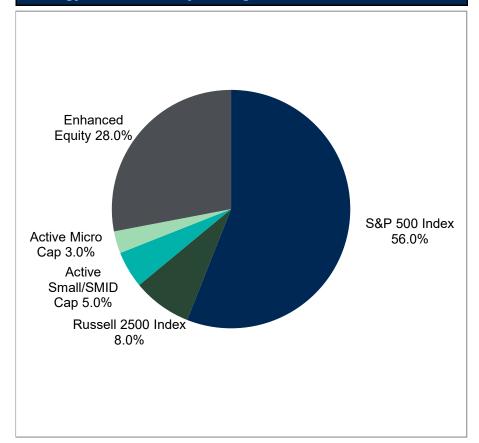
## **Asset Allocation by Mandate Type**

Fund Style: U.S. Core Equity

AUM: \$16.5 Bn

Inception Date: February 1985 Percent of PRIT Fund: 22.2%

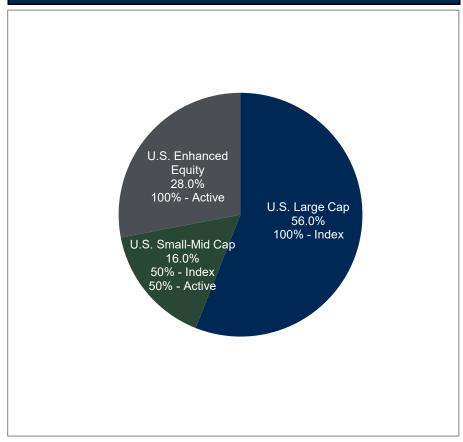
## **Strategy Allocations by Manager**



# **Fund Investment Policy**

PRIM is seeking to generate returns that are slightly better than the blended benchmark through an allocation to active management for a portion of the Small to Mid Cap allocation.

## **Strategy Allocation Targets**

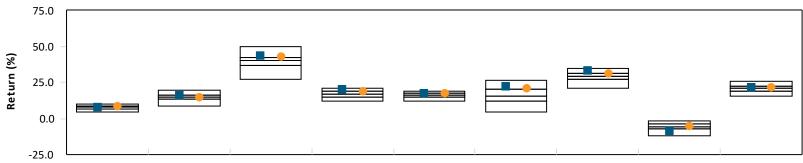


Source: 2020 Comprehensive Annual Financial Report

# **Columbia US Contrarian Core Equity Fund**

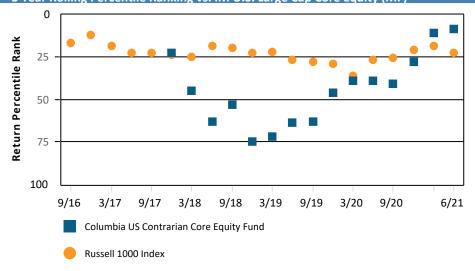
As of June 30, 2021

### Peer Group Analysis vs. IM U.S. Large Cap Core Equity (MF)

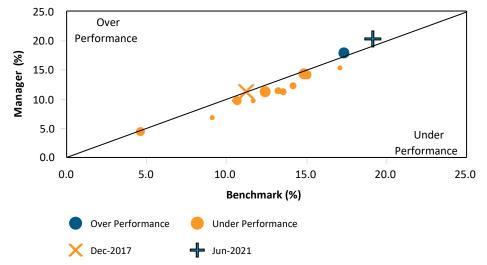


	QTR	YTD	1 Year	3 Years	5 Years	2020	2019	2018	2017
■ Columbia US Contrarian Core Equity Fund	8.4 (38)	16.1 (29)	44.2 (19)	20.5 (9)	17.6 (28)	22.3 (17)	33.4 (12)	<del>-8.3</del> (86)	21.7 (40)
Russell 1000 Index	8.5 (33)	15.0 (47)	43.1 (24)	19.2 (23)	18.0 (21)	21.0 (23)	31.4 (31)	<del>-4.8</del> (36)	21.7 (41)
5th Percentile	10.0	19.7	50.2	21.1	19.4	26.6	35.2	-1.4	26.2
1st Quartile	8.8	16.4	42.9	19.0	17.8	20.7	31.8	-3.7	22.8
Median	8.0	14.9	40.2	17.4	16.5	16.0	29.7	-5.6	21.2
3rd Quartile	6.8	13.6	36.9	15.3	14.9	12.3	27.1	-7.2	19.3
95th Percentile	4.8	9.1	27.6	12.0	12.1	4.5	21.5	-12.0	15.5

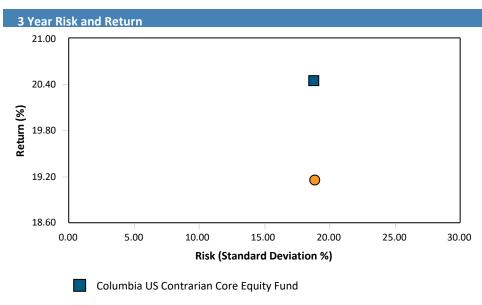
#### 3 Year Rolling Percentile Ranking vs. IM U.S. Large Cap Core Equity (MF)

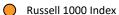


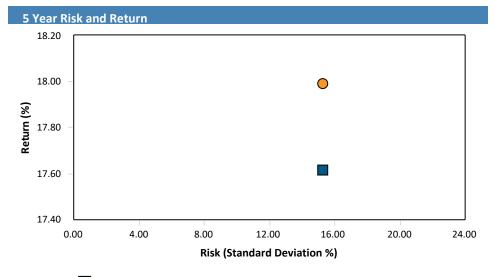
#### 3 Year Rolling Under/Over Performance vs. Russell 1000 Index



# Columbia US Contrarian Core Equity Fund As of June 30, 2021







Columbia US Contrarian Core Equity Fund
Russell 1000 Index

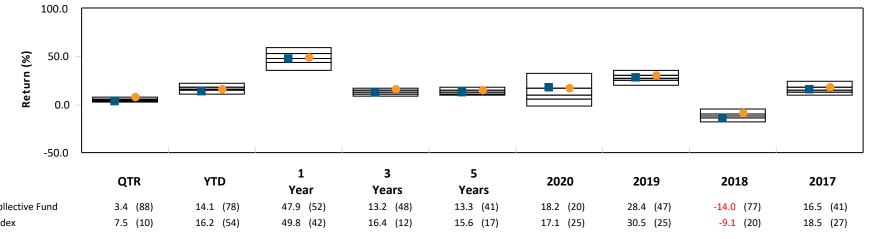
Style	Style Map - 3 Years									
Capitalization	Large Cap Value		Large Cap Growth							
Capita	O Small Cap Value		O Small Cap Growth							
		Manager Style								
	Style History	Jun-2021	Average Style Exposure							

	3	5
	Years	Years
Return	20.5	17.6
Standard Deviation	18.8	15.3
vs. Russell 1000 Index		
Alpha	1.3	-0.2
Beta	1.0	1.0
R-Squared	1.0	1.0
Consistency	55.6	51.7
Up Market Capture	102.6	99.7
Down Market Capture	99.4	102.1
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	1.0	1.1

### **LMCG Mid Cap Collective Fund**

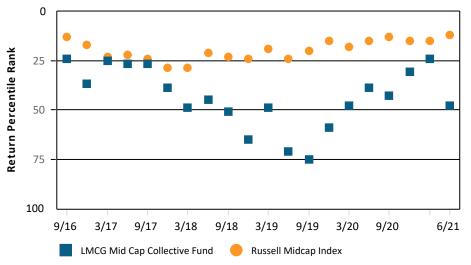
As of June 30, 2021

### Peer Group Analysis vs. IM U.S. Mid Cap Core Equity (MF)

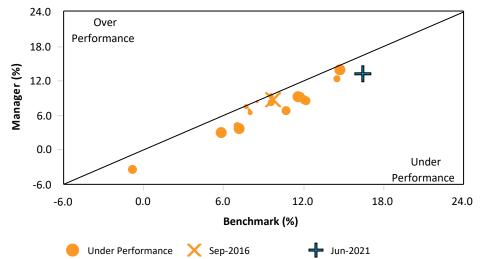




#### 3 Year Rolling Percentile Ranking vs. IM U.S. Mid Cap Core Equity (MF)

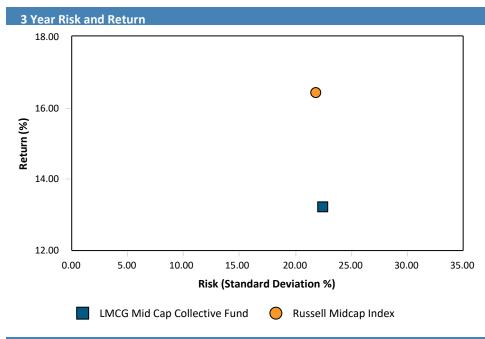


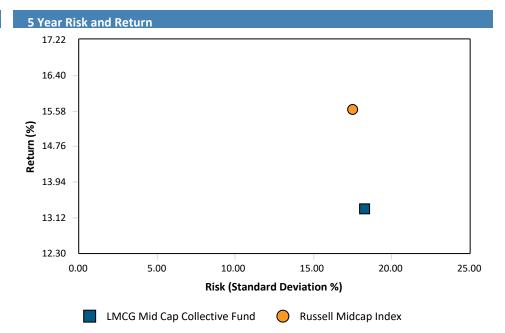
#### 3 Year Rolling Under/Over Performance vs. Russell Midcap Index



## **LMCG Mid Cap Collective Fund**

As of June 30, 2021







	3	5
	Years	Years
Return	13.2	13.3
Standard Deviation	22.4	18.2
vs. Russell Midcap Index		
Alpha	-2.9	-2.3
Beta	1.0	1.0
R-Squared	1.0	1.0
Consistency	41.7	45.0
Jp Market Capture	96.5	97.2
Down Market Capture	107.0	107.8
rs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.6	0.7

Lee Munder Capital Group - Mid Cap Core Collective Fund As of 06/30/2021

## **Portfolio Information**

Firm Name Lee Munder Capital Group

**Product Name** Mid Cap Core Collective Fund

Portfolio Assets\$15.5 millionFund StyleMid Cap Core EquityInception Date6/1/2011Style BenchmarkRussell MidCap Index

## Portfolio Investment Policy

Lee Munder's Mid Cap Core investment process emphasizes mid cap companies with higher return on capital, free cash flow and strong balance sheets. Many of the portfolio's companies have dominant positions in a niche area within their industries.

**Portfolio Manager** 

	Largest Equity Holdings					
		Stock	% of Portfolio			
1	1.	Qorvo, Inc.	2.4			
2	2.	Charles River Laboratories International, Inc.	2.4			
3	3.	LKQ Corporation	2.2			
4	1.	Darling Ingredients Inc.	2.0			
	5.	PTC Inc.	2.0			
6	ô.	Ameriprise Financial, Inc.	2.0			
7	7.	Signature Bank	1.9			
8	3.	Envista Holdings Corp.	1.8			
ç	€.	Dollar General Corporation	1.7			
1	10.	Pinnacle Financial Partners, Inc.	1.6			

Largest	<b>Contributors &amp; Detra</b>	ictors
<u>Contributors</u>	% of Portfolio	<b>Bps Contribution</b>
Charles River Laboratories Internat	2.1	51.00
Rapid7 Inc.	1.3	32.00
LKQ Corporation	2.1	31.00
Avantor, Inc.	1.0	22.00
Caesars Entertainment Inc.	1.1	19.00
<u>Detractors</u>	% of Portfolio	<b>Bps Contribution</b>
Rackspace Technology, Inc.	0.7	-22.00
Addus HomeCare Corporation	1.2	-21.00
TreeHouse Foods, Inc.	1.3	-20.00
Darling Ingredients Inc.	2.1	-18.00
AdaptHealth Corp. Class A	0.6	-18.00

Team based

Sector Weightings								
<u>Sector</u>	Port. Wt.	Bmk Wt.	<u>Sector</u>	Port. Wt.	Bmk Wt.			
Communication Services	0.5%	1.8%	Industrials	10.9%	18.0%			
Consumer Discretionary	11.9%	14.8%	Materials	5.1%	6.3%			
Consumer Staples	7.9%	3.4%	Real Estate	6.3%	9.7%			
Energy	3.8%	2.1%	Technology	13.5%	14.4%			
Financials	14.1%	15.1%	Utilities	7.6%	3.3%			
Health Care	16.2%	11.1%	Cash	2.1%	0.0%			

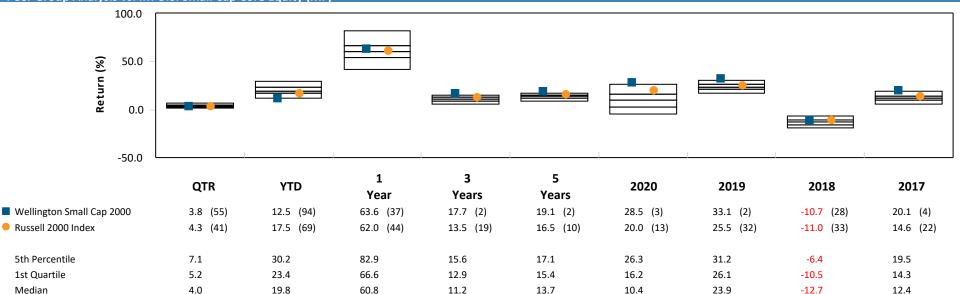
## **Wellington Small Cap 2000**

As of June 30, 2021

3rd Quartile

95th Percentile

### Peer Group Analysis vs. IM U.S. Small Cap Core Equity (MF)



11.9

8.8

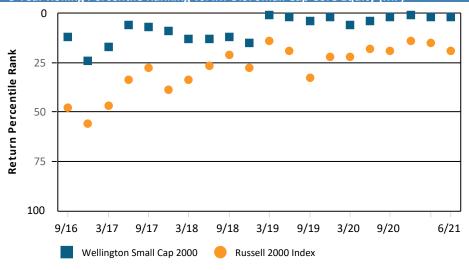
9.0

5.7

#### 3 Year Rolling Percentile Ranking vs. IM U.S. Small Cap Core Equity (MF)

2.9

1.2



17.0

11.9

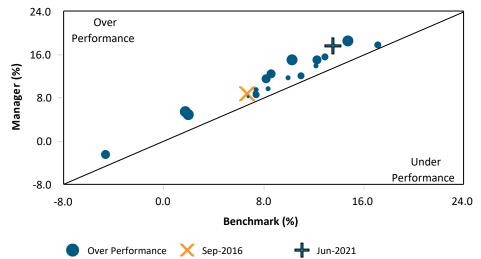
54.2

42.5

#### 3 Year Rolling Under/Over Performance vs. Russell 2000 Index

3.1

-4.8



21.7

17.3

-15.8

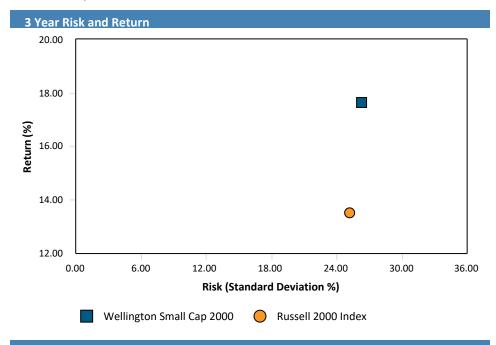
-19.3

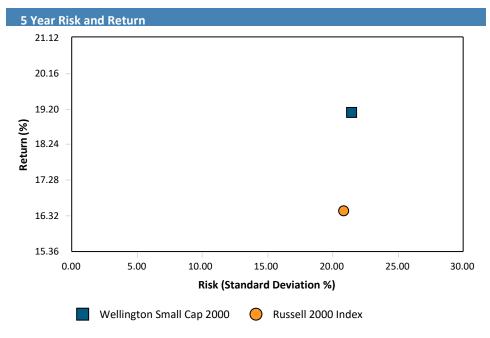
9.6

5.4

## **Wellington Small Cap 2000**

As of June 30, 2021





Style	Style Map - 3 Years								
Capitalization	Large Cap Value		Large Cap Growth						
Capite	O Small Cap Value		Small Cap Growth						
		Manage	er Style						
	Style History	Jun-2021	Average Style Exposure						

	3	5
	Years	Years
Return	17.7	19.1
Standard Deviation	26.3	21.5
vs. Russell 2000 Index		
Alpha	3.5	2.2
Beta	1.0	1.0
R-Squared	1.0	1.0
Consistency	75.0	61.7
Up Market Capture	104.7	102.5
Down Market Capture	92.2	91.3
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.7	0.9

Wellington Management - Small Cap 2000 Portfolio As of 06/30/2021

## **Portfolio Information**

Wellington Management **Portfolio Manager** Mark Mandell, Cheryl Duckworth, Camilla Martin Firm Name **PM Tenure Product Name** Small Cap 2000 Portfolio Average: 17 Years **Small Cap Core Equity Portfolio Assets** \$8.7 million **Fund Style Inception Date** 10/1/1999 **Style Benchmark** Russell 2000 Index

## Portfolio Investment Policy

The investment objective of the Small Cap 2000 Portfolio is to achieve long-term total return in excess of the Russell 2000 Index by focusing on adding value through superior security selection. The Portfolio invests in equity securities of US companies, emphasizing those that have above-average potential for capital appreciation.

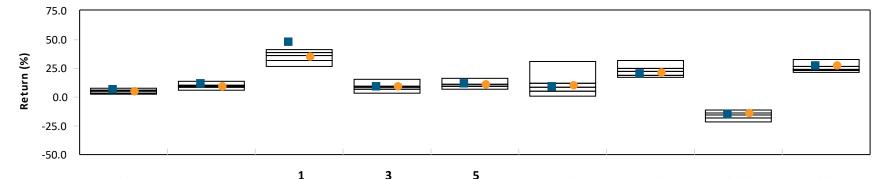
	Larg	est Equity Holdings	La	Largest Contributors & Detractors		
<u>s</u>	<u>Stock</u>	% of Portfolio	<b>Contributors</b>	% of Portfolio	<b>Bps Contribution</b>	
1. T	Trupanion Inc	1.65	Trupanion Inc	1.65	0.49	
2. (	Clean Harbors Inc	1.38	Lattice Semicondctr	0.91	0.21	
3. F	Performance Food Grp	1.14	Verve Thera Inc	0.21	0.21	
4. E	Essential Prop RIty	1.10	Asana Inc	0.23	0.19	
5. [	Dycom Industries Inc	1.09	Houghton Mifflin Har	0.71	0.19	
6. S	Skyline Champion Co	1.08	<u>Detractors</u>	% of Portfolio	<b>Bps Contribution</b>	
7. N	National Storage Aff	1.08	AMC Entertainment Ho	0.00	-0.63	
8. 5	South State Corp	1.07	Dycom Industries Inc	1.09	-0.31	
9. (	Century Communities	1.02	FormFactor Inc	0.81	-0.25	
10. E	Builders FirstSource	0.99	Performance Food Grp	1.14	-0.24	
			Meritor Inc	0.63	-0.20	

Sector Weightings							
<u>Sector</u>	Port. Wt.	Bmk Wt.	<u>Sector</u>	Port. Wt.	Bmk Wt.		
Communication Services	3.60%	3.74%	Industrials	12.10%	14.26%		
Consumer Discretionary	15.49%	11.87%	Materials	4.06%	3.84%		
Consumer Staples	4.47%	3.19%	Real Estate	8.51%	6.85%		
Energy	3.11%	4.28%	Technology	11.09%	13.59%		
Financials	16.54%	14.84%	Utilities	1.88%	2.38%		
Health Care	19.16%	21.16%	Cash	0.0%	0.0%		

# **Earnest Partners Intl Equity**

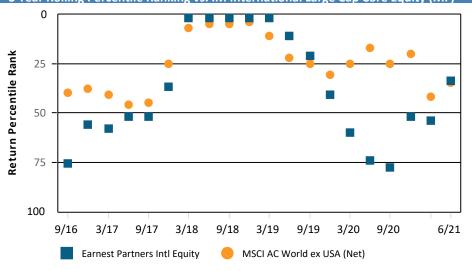
As of June 30, 2021

### Peer Group Analysis vs. IM International Large Cap Core Equity (MF)

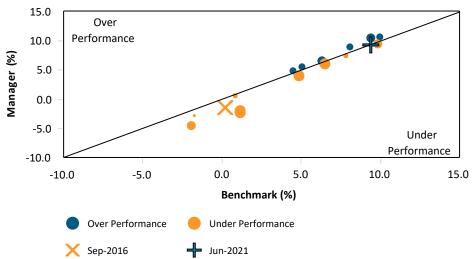


	QTR	VIII				2020	2019	2018	2017
		YTD	Year Years	Years	Years	2020	2019	2018	2017
Earnest Partners Intl Equity	6.7 (20)	11.7 (19)	48.1 (1)	9.4 (34)	12.0 (11)	9.7 (32)	21.0 (63)	<b>-14.9</b> (44)	27.8 (14)
MSCI AC World ex USA (Net)	5.5 (40)	9.2 (61)	35.7 (59)	9.4 (35)	11.1 (22)	10.7 (27)	21.5 (59)	<b>-14.2</b> (33)	27.2 (17)
5th Percentile	7.5	13.8	41.3	15.6	16.4	31.2	31.9	-11.1	32.9
1st Quartile	6.2	10.6	39.1	9.8	10.8	12.2	25.0	-13.9	26.7
Median	5.1	9.4	36.6	8.2	9.8	8.5	22.1	-15.7	24.4
3rd Quartile	3.5	8.2	31.6	6.7	9.2	5.4	19.0	-17.9	23.0
95th Percentile	2.7	5.7	26.7	3.7	6.5	0.6	17.5	-21.7	21.4

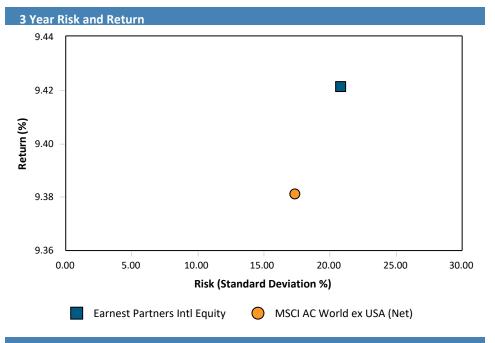
#### 3 Year Rolling Percentile Ranking vs. IM International Large Cap Core Equity (MF)

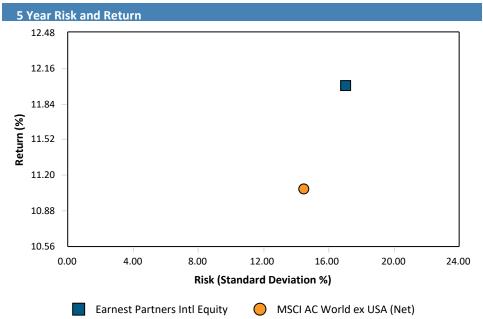


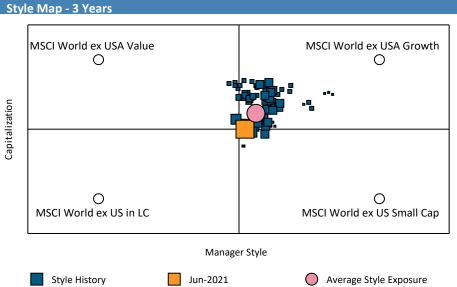
### 3 Year Rolling Under/Over Performance vs. MSCI AC World ex USA (Net)



# Earnest Partners Intl Equity As of June 30, 2021







	3	5
	Years	Years
Return	9.4	12.0
Standard Deviation	20.8	17.0
vs. MSCI AC World ex USA (Net)		
Alpha	-1.1	-0.5
Beta	1.2	1.1
R-Squared	1.0	1.0
Consistency	44.4	51.7
Up Market Capture	111.8	108.5
Down Market Capture	114.7	106.6
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.5	0.7

EARNEST Partners - International Pooled Group Trust As of March 31, 2021

# **Portfolio Information**

Firm NameEarnest PartnersPortfolio ManagerTeam basedProduct NameInternational Pooled Group TrustPM TenureAverage 20 Years

Strategy Assets\$23.0 millionFund StyleInternational ex-U.S. EquityInception Date8/1/2008Style BenchmarkMSCI ACWI ex-U.S. Index

# Portfolio Investment Policy

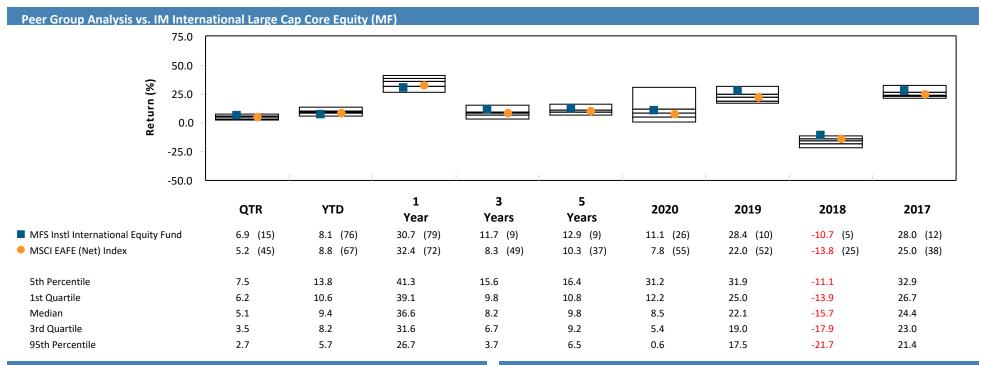
Earnest Partners seeks to outperform the benchmark while controlling volatility and risk. Security selection is driven by the firm's proprietary screening took - Return Pattern Recognition, fundamental analysis and risk management. The Fund typically holds up to 30% in Emerging Markets. The manager uses a statistical approach referred to as downside deviation to measure and constrain the likelihood of underperforming the assigned benchmark.

	Largest Equity Holdings	Largest Contribu	tors & Detractors / Country V	Veightings	
	<u>Stock</u>	Portfolio Wt.	Top Contributors	Portfolio Wt.	<b>Bottom Contributors</b>
1	Taiwan Semiconductor Manufacturing Co., Ltd.	2.9%			
2	BASF SE	2.8%			
3	Barclays PLC	2.6%		Data not available from mana	ger.
4	DENSO CORPORATION	2.3%			
5	Amadeus IT Group SA Class A	2.3%			
6	Carnival Corporation	2.2%	<u>Country</u>	Portfolio Wt.	Benchmark Wt.
7	Entain PLC	2.2%	Americas (ex US)	6.0%	6.7%
8	Magna International	2.2%	Asia (ex Japan)	1.8%	7.4%
9	Samsung Electronics Co., Ltd.	2.2%	Europe (ex UK)	39.1%	30.7%
10	HDFC Bank Limited Sponsored ADR	<u>2.1%</u>	Japan	5.3%	15.5%
		23.7%	Middle East/Africa	3.2%	0.4%
			United Kingdom	11.8%	8.6%
			Emerging Markets	32.8%	30.7%

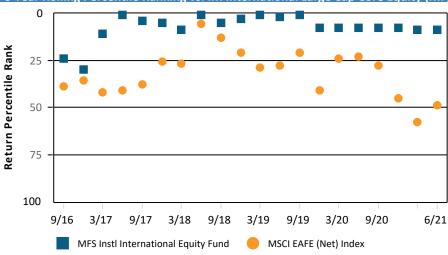
eightings						
Sector	Port. Wt.	Bmk Wt.	<u>Sector</u>	Port. Wt.	Bmk Wt.	
Communication Services	2.8%	7.1%	Industrials	4.4%	11.8%	
Consumer Discretionary	17.1%	13.7%	Information Technology	18.7%	12.8%	
Consumer Staples	9.1%	8.4%	Materials	9.3%	8.2%	
Energy	7.7%	4.5%	Real Estate	1.2%	2.6%	
Financials	19.3%	18.9%	Utilities	0.0%	3.2%	
Health Care	10.5%	8.9%				

# MFS Instl International Equity Fund

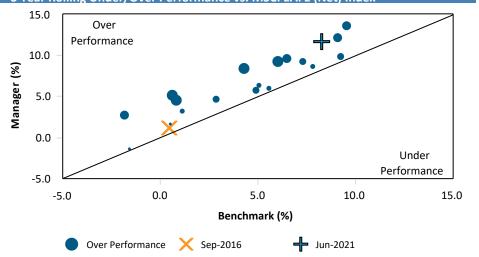
As of June 30, 2021



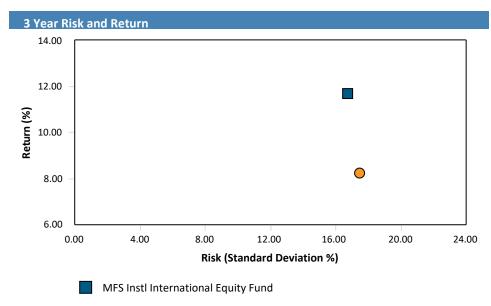




### 3 Year Rolling Under/Over Performance vs. MSCI EAFE (Net) Index

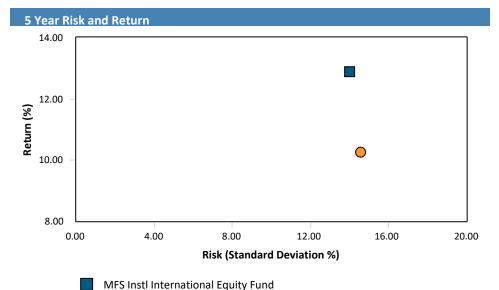


# MFS Instl International Equity Fund As of June 30, 2021





Style Map - 3 Years



	MSCI EAFE (Net) Index
MPT Statistics	vs. MSCI EAFE (Net) Index

Capitalization	MSCI World ex USA Value		MSCI World ex USA Growth
Ca	O MSCI World ex US in LC		O MSCI World ex US Small Cap
		Manage	er Style
	Style History	Jun-2021	Average Style Exposure

	3	5
	Years	Years
Return	11.7	12.9
Standard Deviation	16.7	14.0
vs. MSCI EAFE (Net) Index		
Alpha	3.7	3.0
Beta	0.9	0.9
R-Squared	1.0	1.0
Consistency	61.1	55.0
Up Market Capture	103.7	103.2
Down Market Capture	89.6	89.5
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.7	0.9

# **MFS Instl International Equity Fund**

### Report Date June 30, 2021

#### **Mutual Fund Information**

Fund Name : MFS Institutional Trust: MFS Institutional International Equity Fund Portfolio Assets : \$12,805 Million

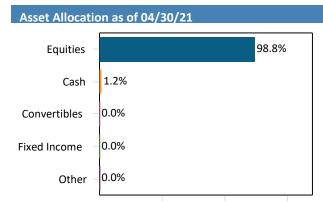
Fund Family: MFS Investment Management Fund Assets: \$12,805 Million
Ticker: MIEIX Portfolio Manager: Ling/Benzinho

Inception Date : 01/31/1996 PM Tenure : 2009--2016

Portfolio Turnover: 13%

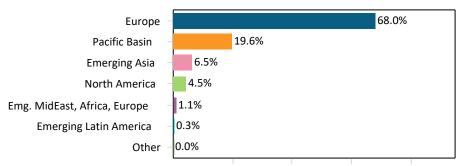
#### **Fund Investment Policy**

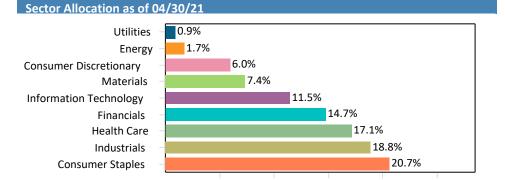
The Fund seeks capital appreciation. The Fund normally invests at least 80% of its net assets in non-U.S. equity securities. The Fund uses a bottom-up investment approach. Stocks are selected primarily based on fundamental analysis of issuers and their potential.



Top 10 Securities as of 04/30/21		Top 5 Countries as of 04/30/21	
Nestle SA ORD	3.7 %	France	18.4 %
Schneider Electric SE ORD	3.2 %	Japan	15.7 %
AIA Group Ltd ORD	2.8 %	Switzerland	13.8 %
L'Air Liquide Societe Anonyme pour	2.8 %	United Kingdom	9.9 %
Roche Holding AG	2.8 %	Germanv	8.9 %
LVMH Moet Hennessy Louis Vuitton	2.6 %	Equity Characteristics as of 04/30/2	21
SAP SE ORD	2.3 %	Total Securities	84
Hitachi Ltd ORD	2.0 %	Avg. Market Cap	\$104,989 Million
Daikin Industries Ltd ORD	2.0 %	P/E	33.1
Novo Nordisk A/S ORD	1.9 %	P/B	4.8
	,	Div. Yield	1.9%
		Annual FPS	-0.3

#### Region Allocation as of 04/30/21

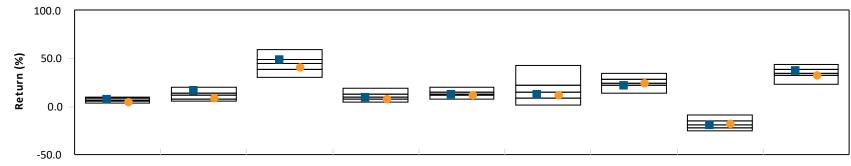




# Acadian Intl Small Cap Fund

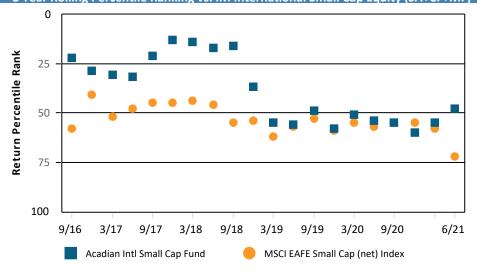
As of June 30, 2021

# Peer Group Analysis vs. IM International Small Cap Equity (SA+CF+MF)

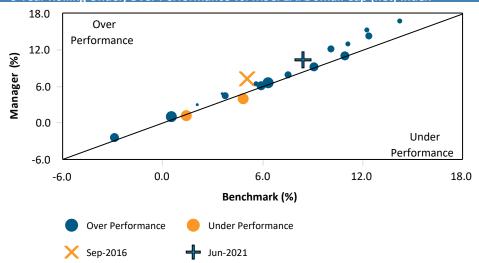


	QTR	YTD	1 Year	3 Years	5 Years	2020	2019	2018	2017
Acadian Intl Small Cap Fund	7.7 (40)	17.2 (11)	48.9 (28)	10.4 (48)	13.6 (45)	13.3 (55)	22.9 (67)	<b>-19.2</b> (59)	37.9 (31)
<ul> <li>MSCI EAFE Small Cap (net) Index</li> </ul>	4.3 (94)	9.0 (66)	41.0 (71)	8.4 (72)	12.0 (67)	12.3 (57)	25.0 (51)	-17.9 (44)	33.0 (73)
5th Percentile	10.3	20.7	59.4	19.6	19.9	42.9	35.0	-8.2	44.0
1st Quartile	8.5	14.4	49.8	12.6	15.4	22.8	28.4	-15.1	38.8
Median	6.9	12.0	44.8	10.0	13.2	14.8	25.0	-18.5	35.2
3rd Quartile	5.6	8.1	38.9	7.8	11.7	8.7	22.2	-21.6	32.3
95th Percentile	3.8	5.5	30.4	4.8	7.5	1.6	14.0	-24.8	23.2

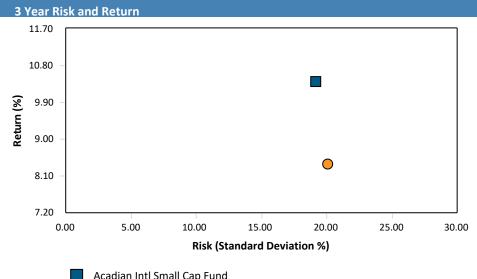
## 3 Year Rolling Percentile Ranking vs. IM International Small Cap Equity (SA+CF+MF)

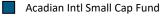


# 3 Year Rolling Under/Over Performance vs. MSCI EAFE Small Cap (net) Index

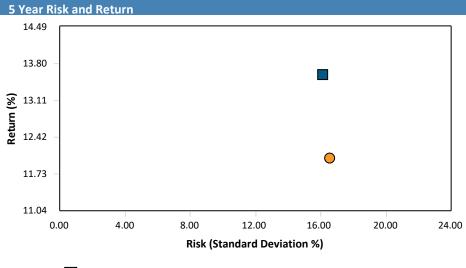


# **Acadian Intl Small Cap Fund** As of June 30, 2021









# Acadian Intl Small Cap Fund

N	ISCI EAFE Small Cap (net) Index
---	---------------------------------

# Style Map - 3 Years MSCI World ex USA Value MSCI World ex USA Growth 0 0 Capitalization 0 MSCI World ex US in LC MSCI World ex US Small Cap Manager Style Style History Jun-2021 Average Style Exposure

	3	5
	Years	Years
Return	10.4	13.6
Standard Deviation	19.2	16.1
vs. MSCI EAFE Small Cap (net) Index		
Alpha	2.3	1.9
Beta	0.9	1.0
R-Squared	1.0	1.0
Consistency	52.8	58.3
Up Market Capture	98.5	100.9
Down Market Capture	89.8	93.0
vs. 90 Day U.S. Treasury Bill		
Sharpe Ratio	0.5	0.8

# Acadian Asset Management -Acadian International Small-Cap Fund As of 06/30/2021

<b>-</b>		ormatio
IPOrtto	lio Int <i>i</i>	rmatin
		JIIIIALIO

Firm Name	Acadian Asset Management	Portfolio Manager	Team based
Product Name	Acadian International Small-Cap Fund	PM Tenure	Average 14 Years

Strategy Assets\$8.4 millionFund StyleNon-US Small CapitalizationInception Date2011-02-01Style BenchmarkMSCI EAFE Small-Cap (net)

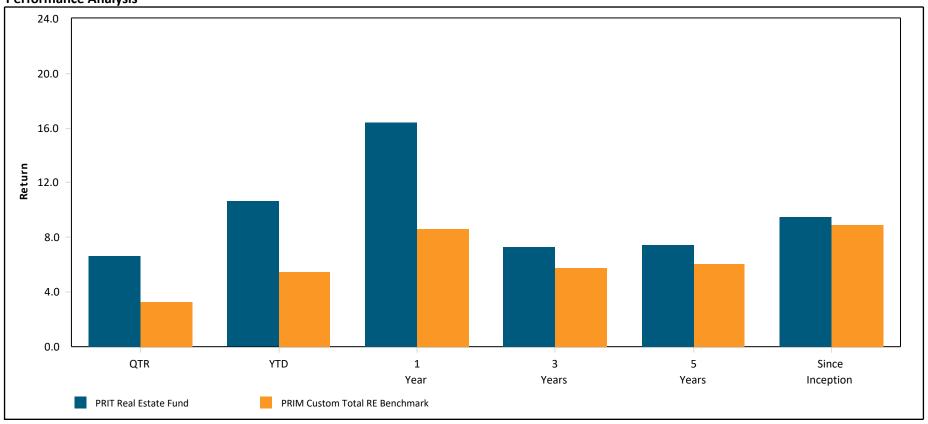
# **Portfolio Investment Policy**

Acadian uses a quantitative investment process, aimed at isolating companies that are poised to benefit from value, growth, quality and technical factors. The firm uses the model to predict the expected relative performance of each investment in its universe. Portfolio optimization is used to construct a balanced, risk-controlled portfolio. The resulting portfolio has 500-1,700 positions with individual position sizing no more than 2.25% at market value, sector exposure that is +/- 8% of the benchmark, industry/country exposure that is +/- 6% of the benchmark, and 4-6% tracking error. The portfolio invests opportunistically in emerging markets

	Largest Equity	Holdings		argest Contributors & D	etractors / Country Weightings	
	<u>Stock</u>	<b>Active Weight</b>	<b>Top Contributors</b>	Portfolio Wt.	<b>Bottom Contributors</b>	Portfolio Wt.
1.	ASM INTERNATIONAL NV	1.5%	MINERAL RESOURCES LTD	1.3%	OZ MINERALS LTD	1.7%
2.	OZ MINERALS LTD	1.4%	BORAL LTD	1.4%	PHARMA MAR SA	0.3%
3	MINERAL RESOURCES LTD	1.3%	GETINGE AB	1.1%	NEC NETWORKS & SYSTEM INTEGRA	0.6%
4	BORAL LTD	1.3%	BILIA AB	0.6%	CAPCOM CO LTD	0.5%
5	ROYAL MAIL PLC	1.2%	INMODE ORD SHS (PROPOSED)	0.7%	KINDRED GROUP PLC	0.6%
6	BE SEMICONDUCTOR INDUSTRIES N	1.0%				
7	GETINGE AB	0.9%		Portfolio Wt.	Benchmark Wt.	
8	ICON PLC	1.1%	Europe ex UK	41.0%	37.6%	
9	GN STORE NORD AS	1.1%	UK	12.1%	17.5%	
10	TECAN GROUP AG	0.9%	Asia ex Japan	15.0%	14.0%	
		11.8%	Japan	22.3%	28.0%	
			North America	5.5%	0.0%	
			Middle East	3.3%	2.8%	
			<b>Emerging Markets</b>	0.1%	0.0%	

		Sector Weigh	tings		
<u>Sector</u>	Port. Wt.	Bmk Wt.	<u>Sector</u>	Port. Wt.	Bmk Wt.
Communication Services	3.8%	4.5%	Industrials	24.6%	23.4%
Consumer Discretionary	12.9%	13.4%	Information Technology	17.4%	10.0%
Consumer Staples	0.4%	5.7%	Materials	14.5%	9.0%
Energy	0.9%	1.6%	Real Estate	5.7%	11.7%
Financials	5.9%	10.5%	Utilities	0.1%	2.9%
Health Care	13.0%	7.4%			

PRIT Real Estate Fund
As of June 30, 2021



<b>7.4 9.5 06/01/2011</b> <i>6.1 8.9</i>
6.1 9.0
0.1 8.9
1.3 0.6
1.3 0.6

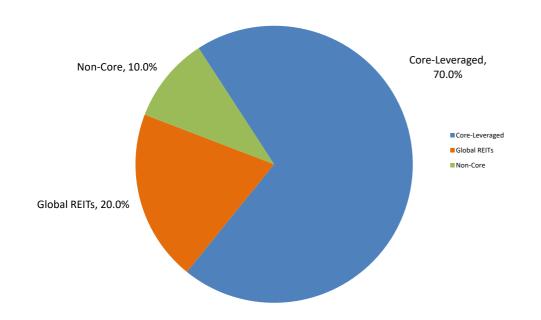
# **PRIT Real Estate Account**

## **Portfolio Information**

Fund Style: Real Estate - combined

PRIT Real Estate target range of PRIT Fund: 7%-13%

## **Target Allocations**

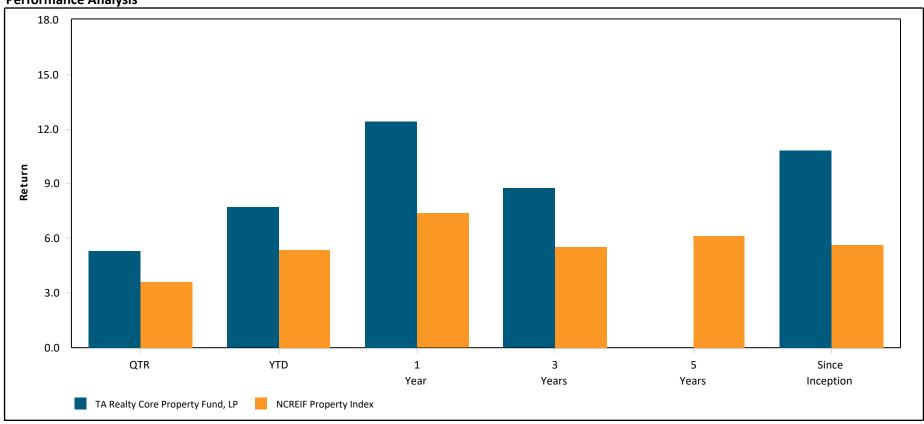


### **Fund Investment Policy**

The PRIT Real Estate Account provides diversified exposure to the commercial real estate market through exposure to physical assets and public securities. Approximately 70% of the portfolio is invested in separate account core portfolios with Invesco, LaSalle, CBRE, Stockbrodge and AEW and PRIM has been building a portfolio of direct real estate investments. The Core portfolio includes portfolio debt of approximately \$1 billion. The portfolio also includes dedicated allocations to Global REIT portfolios managed by CenterSquare, Presima, and Brookfield. Non-Core portfolio investments include allocations with Intercontinental and DivcoWest. Townsend serves as Real Estate Consultant to the PRIM Board.

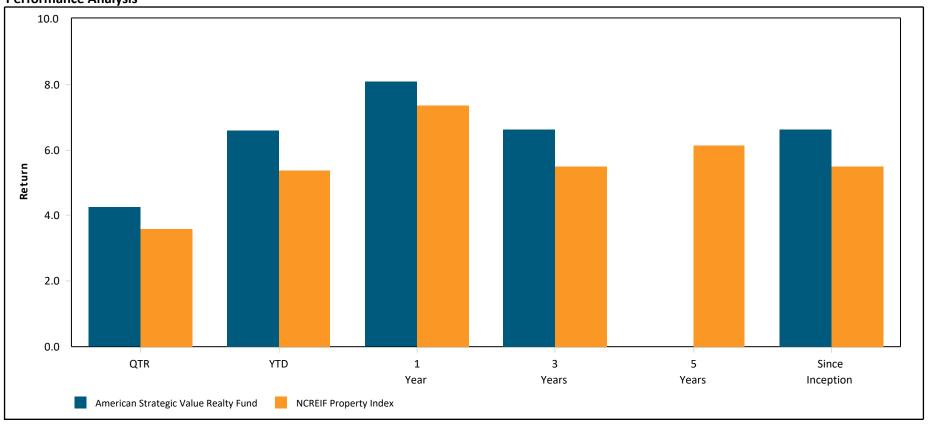
Active Core	Global REITs	Non-Core
Invesco	CenterSquare	Intercontinental
AEW	Presima	DivcoWest
CBRE	Brookfield	
Lasalle		
Stockbridge		
Prim		

TA Realty Core Property Fund, LP As of June 30, 2021



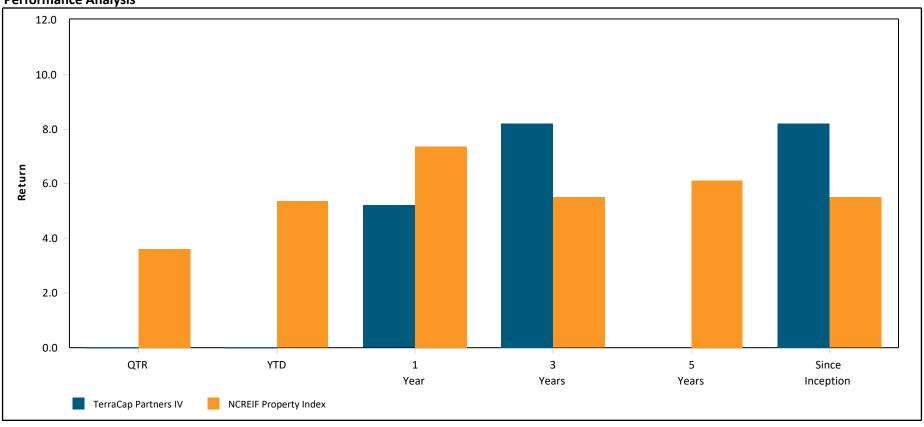
	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
TA Realty Core Property Fund, LP	5.3	7.7	12.4	8.8	N/A	10.8	04/01/2018
NCREIF Property Index	3.6	5.4	7.4	5.5	6.1	5.6	
Difference	1.7	2.3	5.0	3.3	N/A	5.2	

American Strategic Value Realty Fund As of June 30, 2021



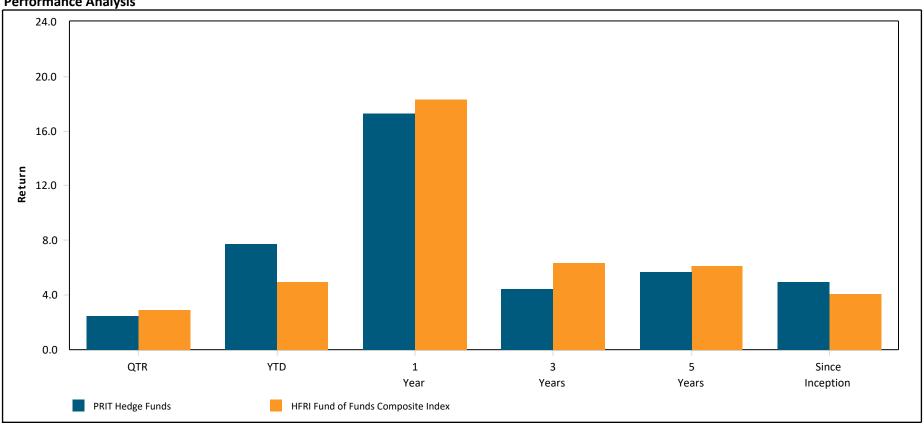
American Strategic Value Realty Fund 4.2						
	6.6	8.1	6.6	N/A	6.6	07/01/2018
NCREIF Property Index 3.6	5.4	7.4	5.5	6.1	5.5	
Difference 0.6	1.2	0.7	1.1	N/A	1.1	

TerraCap Partners IV
As of June 30, 2021



	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
TerraCap Partners IV	0.0	0.0	5.2	8.2	N/A	8.2	07/01/2018
NCREIF Property Index	3.6	5.4	7.4	5.5	6.1	5.5	
Difference	-3.6	-5.4	-2.2	2.7	N/A	2.7	

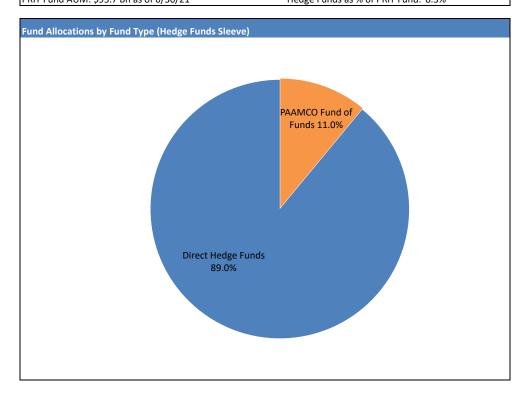
PRIT Hedge Funds As of June 30, 2021



	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
PRIT Hedge Funds	2.5	7.8	17.3	4.4	5.7	4.9	07/01/2010
HFRI Fund of Funds Composite Index	2.9	5.0	18.3	6.3	6.1	4.1	
Difference	-0.4	2.8	-1.0	-1.9	-0.4	0.8	

## **PRIT Hedge Funds**

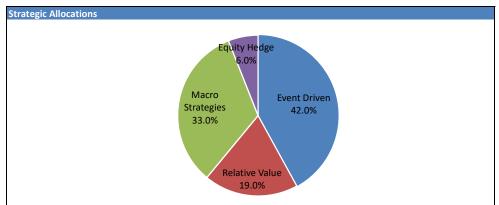
# Portfolio Information Fund Style: Direct and Fund of Funds PRIT Fund AUM: \$95.7 Bn as of 6/30/21 Hedge Funds as % of PRIT Fund: 8.3%



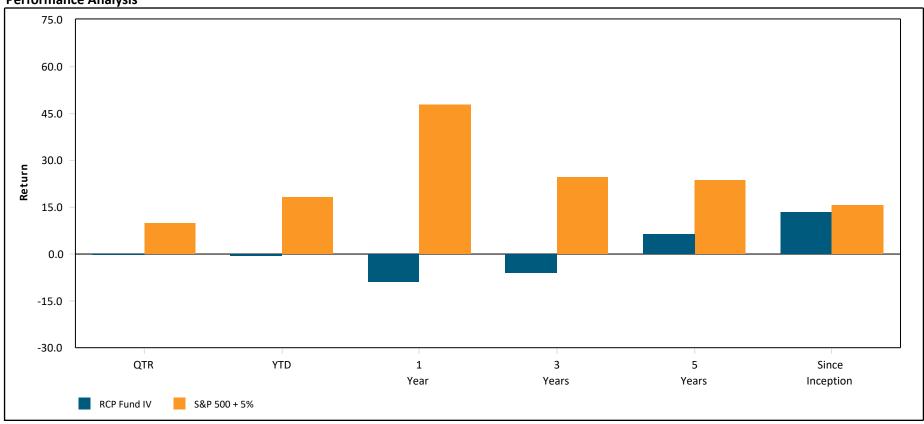
#### **Fund Investment Policy**

The PRIT Hedge Funds allocation seeks to generate attractive long term absolute performance. This is accomplished via direct hedge funds and a fund of funds tasked with generating returns independent of the direction of the broader markets. The PRIM Board has transitioned the portfolio from a fund of funds structure to one that is predominantly direct hedge funds with a long-term target of 85% of assets in direct investments. The active fund of funds mandate with PAAMCO is focused on emerging managers. PRIM is currently working to ramp up committed assets to emerging manager direct hedge funds. Other initiatives include an alternative beta analysis framework, a hedge fund replication strategy and position based portfolio risk monitoring.

Effective February 2017, the PRIM Board approved plans to merge the Portfolio Completion Strategy allocation with the Hedge Funds allocation for a combined target a risk reducing "PCS" allocation of 13.0%. Other mandates in the allocation include risk premia strategies, real assets and an equity hedge overlay. Hedge Funds, as a sleeve which includes the fund of fund and direct allocations, will continue to be available for local systems to invest through segmentation.

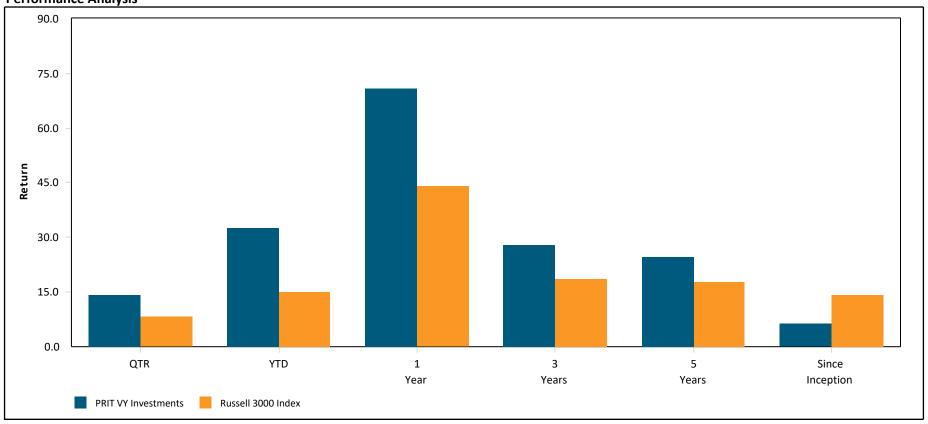


RCP Fund IV
As of June 30, 2021



	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
RCP Fund IV	0.0	-0.6	-8.9	-6.2	6.2	13.4	01/01/2007
S&P 500 + 5%	9.9	18.1	47.8	24.6	23.5	15.7	
Difference	-9.9	-18.7	-56.7	-30.8	-17.3	-2.3	

PRIT VY Investments
As of June 30, 2021



	QTR	YTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
PRIT VY Investments	14.1	32.7	70.8	27.9	24.6	6.2	04/01/2011
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	14.3	
Difference	5.9	17.6	26.6	9.2	6.7	-8.1	

# **Manager Performance Overview - PRIT VY Investments**

As of June 30, 2021

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception	Inception Date
PRIT VY Investments	14.1	32.7	70.8	27.9	24.6	7.0	6.2	04/01/2011
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	14.7	14.3	
PRIT Vintage 2011	34.0	52.5	79.4	28.5	25.5	9.5	8.7	04/01/2011
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	14.7	14.3	
PRIT Vintage 2012	13.9	31.0	79.1	29.1	25.5	N/A	-8.2	06/01/2012
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	16.3	
PRIT Vintage 2013	21.5	58.3	109.9	41.4	30.8	N/A	17.0	07/01/2013
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	15.3	
PRIT Vintage 2014	9.6	23.5	57.4	27.1	24.9	N/A	11.4	06/01/2014
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	14.2	
PRIT Vintage 2015	13.4	34.5	75.0	34.7	29.6	N/A	19.9	04/01/2015
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	14.5	
PRIT Vintage 2016	8.7	29.6	64.5	22.7	6.5	N/A	3.1	04/01/2016
Russell 3000 Index	8.2	15.1	44.2	18.7	17.9	N/A	17.5	
PRIT Vintage 2017	7.7	27.3	64.2	20.1	N/A	N/A	15.5	05/01/2017
Russell 3000 Index	8.2	15.1	44.2	18.7	N/A	N/A	17.5	
PRIT Vintage 2018	12.3	26.5	65.3	9.3	N/A	N/A	8.6	06/01/2018
Russell 3000 Index	8.2	15.1	44.2	18.7	N/A	N/A	18.4	
PRIT Vintage 2019	20.3	30.7	68.2	N/A	N/A	N/A	21.2	04/01/2019
Russell 3000 Index	8.2	15.1	44.2	N/A	N/A	N/A	23.2	
PRIT Vintage 2020	11.9	20.5	40.1	N/A	N/A	N/A	22.7	03/01/2020
Russell 3000 Index	8.2	15.1	44.2	N/A	N/A	N/A	36.7	
PRIT Vintage 2021	-2.3	N/A	N/A	N/A	N/A	N/A	-2.3	04/01/2021
Russell 3000 Index	8.2	N/A	N/A	N/A	N/A	N/A	8.2	

The inception date expressed on the Manager Performance Overview page(s) represents the first day of the first full month following the purchase of the investment. Performance figures shown at the fund level begin on this inception date. Your performance may differ slightly if the fund was purchased during the previous month. Actual performance is captured at the total plan level.

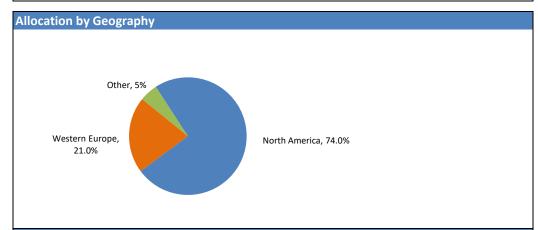
Returns for periods less than one year are not annualized. Returns are net of fees unless otherwise noted.

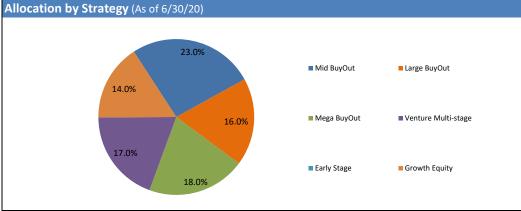
# **PRIT Private Equity Program**

#### **Portfolio Information**

Fund Style: Private Equity

PRIT Private Equity Target Allocation Range: 11-17% of PRIT Fund





### **Fund Investment Policy**

PRIM's private equity program seeks to seeks to earn a return that provides a premium over investment in public market equities over a long-term market cycle. The program is a significant component of the General Allocation Fund and is available to local Retirement Systems on a segmented basis, via vintage year commitments. The PRIM Board generally targets commitments on a Vintage Year basis which typically range from \$1.4-2.0 Billion annually. The portfolio consists of allocations to special situations private equity (primarily buyout) and venture capital, and is diversified by strategy and manager. Systems wishing to make a commitment to the program provide notice at each calendar year end for the prospective vintage year. The commitment is long term and illiquid. Hamilton Lane serves as PRIM's investment adviser for the allocation.

# Benchmark Composition Policy Index As of June 30, 2021

Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Apr-2018		Jul-2011	
Blmbg. Barc. U.S. Aggregate Index	20.0	Blmbg. Barc. U.S. Aggregate Index	20.0
ICE BofAML US High Yield Master II Constrained	2.5	Guggenheim High-Yield Index	2.5
FTSE World Government Bond Index	2.5	FTSE World Government Bond Index	2.5
Russell 3000 Index	35.0	Russell 3000 Index	37.5
MSCI AC World ex USA (Net)	20.0	MSCI AC World ex USA (Net)	17.5
MSCI EAFE Small Cap (net) Index	2.5	MSCI EAFE Small Cap (net) Index	2.5
PRIM Custom Total RE Benchmark	10.0	NCREIF Property Index	5.0
HFRI Fund of Funds Composite Index	7.5	PRIM Custom Total RE Benchmark	5.0
Jan-2017		HFRI Fund of Funds Composite Index	7.5
Blmbg. Barc. U.S. Aggregate Index	20.0	Jan-2009	
Guggenheim High-Yield Index	2.5	Blmbg. Barc. U.S. Aggregate Index	25.0
FTSE World Government Bond Index	2.5	Blmbg. Barc. U.S. Corp High Yield	3.0
Russell 3000 Index	35.0	Russell 3000 Index	30.0
MSCI AC World ex USA (Net)	20.0	MSCI AC World ex USA (Net)	17.0
MSCI EAFE Small Cap (net) Index	2.5	NCREIF Property Index	15.0
PRIM Custom Total RE Benchmark	10.0	S&P 500 + 5%	7.0
HFRI Fund of Funds Composite Index	7.5	90 Day T-Bill + 5%	3.0
Jan-2014		Jan-2008	
Blmbg. Barc. U.S. Aggregate Index	20.0	Blmbg. Barc. U.S. Aggregate Index	17.0
Guggenheim High-Yield Index	2.5	Blmbg. Barc. U.S. Corp High Yield	4.0
FTSE World Government Bond Index	2.5	FTSE Non-U.S. World Government Bond	4.0
Russell 3000 Index	35.0	S&P 500 Index	28.0
MSCI AC World ex USA (Net)	20.0	Russell 2000 Index	7.0
MSCI EAFE Small Cap (net) Index	2.5	Russell Midcap Index	7.0
NCREIF Property Index	2.0	MSCI EAFE (Net) Index	15.0
PRIM Custom Total RE Benchmark	8.0	MSCI Emerging Markets Index	3.0
HFRI Fund of Funds Composite Index	7.5	NCREIF Property Index	10.0
		90 Day T-Bill + 5%	5.0

# Benchmark Composition Policy Index As of June 30, 2021

Allocation Mandata	Mainle (0/)
Allocation Mandate	Weight (%)
Jul-2006	
Blmbg. Barc. U.S. Aggregate Index	17.0
Blmbg. Barc. U.S. Corp High Yield	4.5
FTSE Non-U.S. World Government Bond	4.0
S&P 500 Index	16.5
Russell 2000 Index	14.0
Russell Midcap Growth Index	6.5
Russell Midcap Value Index	8.5
MSCI EAFE Index	14.0
MSCI Emerging Markets Index	3.0
NCREIF Property Index	7.0
S&P 500 + 4%	5.0
Oct-2000	
Blmbg. Barc. U.S. Aggregate Index	20.0
Blmbg. Barc. U.S. Corp High Yield	4.5
FTSE Non-U.S. World Government Bond	4.0
S&P 500 Index	31.5
Russell 2000 Index	14.0
MSCI EAFE Index	14.0
NCREIF Property Index	7.0
S&P 500 + 4%	5.0
Jan-1979	
S&P 500 Index	45.0
Russell 2000 Index	10.0
NCREIF Property Index	6.0
MSCI EAFE Index	11.0
Blmbg. Barc. U.S. Aggregate Index	28.0

# Benchmark Composition Fixed Income Benchmark

Fixed Income Benchmark As of June 30, 2021

Allocation Mandate	Weight (%)
Apr-2018	
Blmbg. Barc. U.S. Aggregate Index	80.0
ICE BofAML US High Yield Master II Constrained	10.0
FTSE World Government Bond Index	10.0
Jul-2011	
Blmbg. Barc. U.S. Aggregate Index	80.0
Guggenheim High-Yield Index	10.0
FTSE World Government Bond Index	10.0
Jan-2009	
Blmbg. Barc. U.S. Aggregate Index	89.3
Blmbg. Barc. U.S. Corp High Yield	10.7
Jan-2008	
Blmbg. Barc. U.S. Aggregate Index	68.0
Blmbg. Barc. U.S. Corp High Yield	16.0
FTSE Non-U.S. World Government Bond	16.0
Apr-2007	
Blmbg. Barc. U.S. Aggregate Index	66.7
Blmbg. Barc. U.S. Corp High Yield	17.6
FTSE Non-U.S. World Government Bond	15.7

# Benchmark Composition Domestic Equity Benchmark

As of June 30, 2021

Allocation Mandate	Weight (%)
Jan-2009	
Russell 3000 Index	100.0
Jan-2008	
S&P 500 Index	66.7
Russell 2000 Index	16.7
Russell Midcap Index	16.7
Apr-2007	
S&P 500 Index	36.3
Russell 2000 Index	30.8
Russell Midcap Growth Index	14.3
Russell Midcap Value Index	18.7

Benchmark Composition
International Equity Benchmark As of June 30, 2021

Allocation Mandate	Weight (%)
Jan-2014	
MSCI AC World ex USA (Net)	88.9
MSCI EAFE Small Cap (net) Index	11.1
Jul-2011	
MSCI AC World ex USA (Net)	87.5
MSCI EAFE Small Cap (net) Index	12.5
Jan-2009	
MSCI AC World ex USA (Net)	100.0
Jan-2008	
MSCI EAFE Index	83.3
MSCI Emerging Markets Index	16.7
Apr-2007	
MSCI EAFE Index	82.4
MSCI Emerging Markets Index	17.6

# **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.

#### ASSET CLASS REPRESENTATIONS

All material and information is intended for Fiducient Advisors L.L.C. business only. Any use or public dissemination outside firm business is prohibited. Information is obtained from a variety of sources which are believed though not guaranteed to be accurate. Any forecast represents future expectations and actual returns, volatilities and correlations will differ from forecasts. Past performance does not indicate future performance. This presentation does not represent a specific investment recommendation. Please consult with your advisor, attorney and accountant, as appropriate, regarding specific advice.

When referencing asset class returns or statistics, the following indices are used to represent those asset classes, unless otherwise notes. Each index is unmanaged and investors can not actually invest directly into an index:

TIPS: Bloomberg Barclays Global Inflation-Linked: U.S. TIPS Total Return Index Unhedged

Municipals 5-Year: Bloomberg Barclays Municipal Bond 5 Year (4-6) Total Return Index Unhedged USD

Core Bond: Bloomberg Barclays US Agg Total Return Value Unhedged USD

**High Yield Municipals:** Bloomberg Barclays Muni High Yield Total Return Index Value Unhedged USD **High Yield:** Bloomberg Barclays US Corporate High Yield Total Return Index Value Unhedged USD

Foreign Bond: Bloomberg Barclays Global Aggregate ex-USD Total Return Index Value USD (50/50 blend of hedged and unhedged)

EM Debt (unhedged): J.P. Morgan GBI-EM Global Diversified Composite Unhedged USD

U.S. Large Cap: S&P 500 Total Return IndexU.S. Small Cap: Russell 2000 Total Return Index

International Developed: MSCI EAFE Net Total Return USD Index
Emerging Markets: MSCI Emerging Markets Net Total Return USD Index

World: MSCI ACWI Net Total Return USD Index

U.S. Equity REITs: FTSE Nareit Equity REITs Total Return Index USD

**S&P Real Assets:** S&P Real Assets Total Return Index **Commodities:** Bloomberg Commodity Total Return Index

Hedge Funds: Hedge Fund Research HFRI Fund of Funds Composite Index

Balanced: 3% TIPS, 33% Core Bond, 4% High Yield, 2% Foreign Bond. 2% EM Debt (unhedged), 18% U.S. Large Cap, 6% U.S. Small Cap, 16% International, 8% Emerging Markets, 5% U.S. Equity REITS, 3% Commodities

U.S.: MSCI USA Net Total Return USD Index
China: MSCI CHINA Net Total Return USD Index
Japan: MSCI Japan Net Total Return USD Index
Germany: MSCI Germany Net Total Return USD Index

India: MSCI India Net Total Return USD Index
United Kingdom: MSCI UK Net Total Return USD Index

France: MSCI France Net Total Return USD Index
Italy: MSCI Italy Net Total Return USD Index
Brazil: MSCI Brazil Net Total Return USD Index
Canada: MSCI Canada Net Total Return USD Index

#### **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 Barclays 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 Barclays Capital US Treasury Inflation Protected Securities Index consists of Inflation-Protection securities issued by the U.S. Treasury.
- Bloomberg Barclays 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 Barclays Muni 1 Year Index is the 1-year (1-2) component of the Municipal Bond index.
- Bloomberg Barclays Muni 3 Year Index is the 3-year (2-4) component of the Municipal Bond index.
- Bloomberg Barclays Muni 5 Year Index is the 5-year (4-6) component of the Municipal Bond index.
- Bloomberg Barclays Muni 7 Year Index is the 7-year (6-8) component of the Municipal Bond index.
- Bloomberg Barclays 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 Barclays 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 Barclays 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 Barclays 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. 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%: Barclays U.S. Treasury Inflation Notes Total Return Index
  - PIMCO Inflation Response Multi Asset Fund: 45% Barclays 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 Barclays 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 Barclays US1-5Yr Gov/Cr Flt Adj Index: Bloomberg Barclays U.S. 1–5 Year Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg Barclays US5-10Yr Gov/Cr Flt Adj Index: Bloomberg Barclays U.S. 5–10 Year Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. 5–10 Year Government/Credit Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg Barclays US Agg Flt Adj Index: Bloomberg Barclays U.S. Aggregate Bond Index through December 31, 2009; Bloomberg Barclays U.S. Aggregate Float Adjusted Index thereafter.
- Vanguard Spliced Bloomberg Barclays US Long Gov/Cr Flt Adj Index: Bloomberg Barclays U.S. Long Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays 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 Barclays U.S. Aggregate Bond Index through May 31, 2005; 60% MSCI US Broad Market Index and 40% Bloomberg Barclays U.S. Aggregate Bond Index through December 31, 2009; 60% MSCI US Broad Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Float Adjusted Index through January 14, 2013; and 60% CRSP US Total Market Index and 40% Bloomberg Barclays U.S. Aggregate Flo
- Vanguard Spliced Intermediate-TermTax-Exempt Index: Bloomberg Barclays 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 market 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's 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 <u>negative</u> 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 <a href="higher-the-sharpe-ratio">higher-the-sharpe-ratio</a>, 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-into 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 Fiducient Advisors 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.

#### **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 Fiducient Advisors or your custodian immediately.