

#### Sacramento Regional Transit District

## Agenda

# COMBINED QUARTERLY MEETING OF THE RETIREMENT BOARDS FOR THE EMPLOYEES AND RETIREES OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT 9:00 A.M., WEDNESDAY, SEPTEMBER 13, 2017 REGIONAL TRANSIT AUDITORIUM 1400 29<sup>TH</sup> STREET, SACRAMENTO, CALIFORNIA

Website Address: www.sacrt.com (29th St. Light Rail Station/Bus 38, 67, 68)

MEETING NOTE:	This is a joint and concurrent meeting of the five independent Retirement
_	Boards for the pension plans for the employees and retirees of the Sacramento
	Regional Transit District. This single, combined agenda designates which
	items will be subject to action by which board(s). Members of each board may
	be present for the other boards' discussions and actions, except during

individual closed sessions.

ROLL CALL	ATU Retirement Board:	Directors: Li, Morin, Niz, De La Torre Alternates: Jennings, McGee Lee
	IBEW Retirement Board:	Directors: Li, Morin, Ohlson, Bibbs Alternates: Jennings, Flanders

AEA Retirement Board: Directors: Li, Morin, Devorak, Robison Alternates: Jennings. McGoldrick

AFSCME Retirement Board: Directors: Li, Morin, Mallonee, Parks

Alternates: Jennings, Guimond

MCEG Retirement Board: Directors: Li, Morin, Lonergan, Thorn Alternates: Jennings, Sanchez-Ochoa

#### PUBLIC ADDRESSES BOARD ON MATTERS ON CONSENT AND MATTERS NOT ON THE AGENDA

At this time the public may address the Retirement Board(s) on subject matters pertaining to Retirement Board business listed on the Consent Calendar, any Closed Sessions or items not listed on the agenda. Remarks may be limited to 3 minutes subject to the discretion of the Common Chair. Members of the public wishing to address one or more of the Boards may submit a "Public Comment Speaker Card" to the Assistant Secretary. While the Retirement Boards encourage your comments, State law prevents the Boards from discussing items that are not set forth on this meeting agenda. The Boards and staff take your comments very seriously and, if appropriate, will follow up on them.

#### **CONSENT CALENDAR**

1. Motion:	Approving the Minutes for the June 14, 2017 Quarterly Retirement Board Meeting (AEA). (Bonnel)		AFSCME	MCEG
2. Motion:	Approving the Minutes for the July 26, 2017 Special Retirement Board Meeting (AEA). (Bonnel)			

		<u>ATU</u>	<b>IBEW</b>	AEA	AFSCMI	E MCEG
3. Motion:	Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Bernegger)					
4. Motion:	Adopting Regional Transit Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)					
5. Motion:	Approving the Minutes for the June 14, 2017 Quarterly Retirement Board Meeting (AFSCME). (Bonnel)					
6. Motion:	Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Bernegger)					
7. Motion:	Adopting Regional Transit Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)					
8. Motion:	Approving the Minutes for the June 14, 2017 Quarterly Retirement Board Meeting (ATU). (Bonnel)	$\boxtimes$				
9. Motion:	Approving the Minutes for the July 26, 2017 Special Retirement Board Meeting (ATU). (Bonnel)	$\boxtimes$				
10. Motion:	Approving the Minutes for the August 21, 2017 Special Retirement Board Meeting (ATU). (Bonnel)					
11. Motion:	Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the ATU Pension Plan (ATU). (Bernegger)	$\boxtimes$				
12. Motion:	Adopting Regional Transit Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)					
13. Motion:	Approving the Minutes for the June 14, 2017 Quarterly Retirement Board Meeting (IBEW). (Bonnel)		$\boxtimes$			
14. Motion:	Approving the Minutes for the July 26, 2017 Special Retirement Board Meeting (IBEW). (Bonnel)		$\boxtimes$			
15. Motion:	Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)					
16. Motion:	Adopting Regional Transit Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)		$\boxtimes$			
17. Motion:	Approving the Minutes for the June 14, 2017 Quarterly Retirement Board Meeting (MCEG). (Bonnel)					
18. Motion:	Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Bernegger)					
19. Motion:	Adopting Regional Transit Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)					$\boxtimes$

#### **NEW BUSINESS** ATU IBEW AEA AFSCME MCEG 20. Information: Investment Performance Review by Atlanta Capital for the ATU, IBEW, and Salaried Retirement Funds for the Domestic Small Cap Equity Asset Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger) 21. Information: Investment Performance Review by Boston Partners for the ATU/IBEW $\boxtimes$ $\boxtimes$ $\boxtimes$ and Salaried Retirement Funds for the Domestic Large Cap Equity Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger) $\boxtimes$ $\boxtimes$ $\bowtie$ $\boxtimes$ 22. Motion: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended June 30. 2017 (ALL). (Bernegger) $\boxtimes$ $\boxtimes$ $\boxtimes$ $\boxtimes$ $\boxtimes$ 23. Information: Update on Roles and Responsibilities Related to Pension Administration (ALL). (Bonnel) 24. Resolution: Election of Governing Board Officers of the Retirement Plan for $\boxtimes$ Sacramento Regional Transit District (District) Employees who are Members of AFSCME (AFSCME). (Bonnel)

## REPORTS, IDEAS AND COMMUNICATIONS

REPORTS FROM COMMITTEES

#### **ADJOURN**

#### NOTICE TO THE PUBLIC

It is the policy of the Boards of Directors of the Sacramento Regional Transit District Retirement Plans to encourage participation in the meetings of the Boards of Directors. At each open meeting, members of the public shall be provided with an opportunity to directly address the Board on items of interest to the public that are within the subject matter jurisdiction of the Boards.

This agenda may be amended up to 72 hours prior to the meeting being held. An agenda, in final form, is located by the front door of Regional Transit's building at 1400 – 29<sup>th</sup> Street and posted to RT's website at www.sacrt.com.

Any person(s) requiring accessible formats of the agenda or assisted listening devices/sign language interpreters should contact the Human Resources Manager at 916-556-0280 or TDD 916/483-4327 at least 72 business hours in advance of the Board Meeting.

Copies of staff reports or other written documentation relating to each item of business referred to on the agenda are on file with the Human Resources Administrative Technician at 916-556-0298 and/or Clerk to the Board of Directors of the Sacramento Regional Transit District and are available for public inspection at 1400 29<sup>th</sup> Street, Sacramento, CA. Any person who has questions concerning any agenda item may call the Human Resources Administrative Technician of Sacramento Regional Transit District to make inquiry.

## Sacramento Regional Transit District IBEW Retirement Board Meeting Wednesday, June 14, 2017 <u>MEETING SUMMARY</u>

#### ROLL CALL

The Retirement Board was brought to order at 9:05 a.m. A quorum was present comprised as follows: Directors Li, Morin, Ohlson, and Alternate Flanders. Director Bibbs and Alternate Jennings were absent.

This meeting was held as a common meeting of the five Sacramento Regional Transit District Retirement Boards.

By IBEW Resolution No. 16-12-186 for calendar year 2017, the Governing Board Member in attendance served as Common Chair of this Retirement Board meeting.

#### PUBLIC ADDRESSES BOARD ON MATTERS NOT ON THE AGENDA

None.

#### **CONSENT CALENDAR**

7. Motion: Approving the Minutes for the March 22, 2017 Quarterly Retirement Board

Meeting (IBEW). (Bonnel)

8. Motion: Receive and File Administrative Reports for the Quarter Ended March 31,

2017 for the IBEW Pension Plan (IBEW). (Bernegger)

Director Morin moved to adopt IBEW Retirement Board Items 7 through 8. Director Li seconded the motion. Items 7 through 8 were carried unanimously by roll call vote: Ayes: Directors Li, Morin, Ohlson and Alternate Flanders. Noes: None.

#### **New Business:**

11. Information: Investment Performance Review by AQR for the ATU, IBEW and Salaried

Funds for the International Small Capitalization Equity Asset Class for the

Quarter Ended March 31, 2017 (ALL). (Bernegger)

Jamie Adelman introduced Iwan Djanali from AQR, who provided the performance results for the International Small Capitalization Equity Asset Class for the Quarter Ended March 31, 2017 and was available for questions.

Ms. Adelman asked how quickly AQR can respond to market changes. Mr. Djanali noted that AQR typically looks at the momentum for the last one to twelve months; if a category trends negative for six months or more AQR may change the weight of holdings in that category.

12. Motion:

Receive and File the Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended March 31, 2017 (ALL). (Bernegger)

Jamie Adelman noted that the Retirement Boards are now invested with Pyrford as of June 1, 2017. Pyrford's activity will be included as of the September 2017 board meeting, for the last quarter of fiscal year 2017.

Ms. Adelman introduced Uvan Tseng from Callan Associates, who provided a market overview for the Quarter Ended March 31, 2017 and was available for questions.

Director Morin moved to adopt Item 12. Director Li seconded the motion. Item 12 was carried unanimously by roll call vote: Ayes: Directors Li, Morin, Ohlson and Alternate Flanders. Noes: None.

13. Motion: Receive and File Asset Allocation Study Review for the ATU, IBEW and Salaried Employees' Retirement Plans (ALL). (Bernegger)

Jamie Adelman introduced Gene Podkaminer from Callan Associates to present the Asset Allocation Study Review and to be available for questions.

Director Li requested clarification on Attachment 1, Page 9. The Retirement Boards currently have an expected rate of investment returns assumption of 7.50% whereas Callan's expected return is 6.60%. Director Li asked if it is correct that the assumption have an almost 1% difference. Mr. Podkaminer responded in the affirmative.

Director Li asked what would be the industrial average for risk tolerance. Mr. Podkaminer noted that pension plans' risk tolerance is based on their liabilities. The industry average can be misleading because it only takes into account the averages; it does not take into account what plans' assets are trying to support from a liability perspective. Mr. Podkaminer confirmed that a fixed income allocation of 30-35% is reasonable. Mr. Tseng noted that a lot of changes have been made to the Pension Plans' portfolio since the last asset liability study. The fixed income allocation was 40% at that time. Mr. Tseng noted that the current allocation of 35% in fixed income is an appropriate asset allocation at this time. Discussion ensued.

Donna Bonnel noted that Graham Schmidt will be present at the September meeting to discuss the rate of return and inflation rate used for the Pension Plans' actuarial analyses.

Ms. Adelman noted that she reached out to Mr. Schmidt after she saw the asset allocation study and talked about the projections from Callan Associates. Ms. Adelman noted that there are two sides to the assumed rate of return: inflation factor and the real rate of return. The main area of concern is the inflation factor. In September, Mr. Schmidt will discuss potentially adjusting the inflation factor, which would then effect the fiscal year 2019 actuarial valuation.

Director Morin moved to adopt Item 13. Director Li seconded the motion. Item 13 was carried unanimously by roll call vote: Ayes: Directors Li, Morin, Ohlson and Alternate Flanders. Noes: None.

14. Information: Update on Roles and Responsibilities Related to Pension Administration (ALL). (Bonnel)

Donna Bonnel provided an update on the roles and responsibilities of various District staff members and Legal Counsel related to the administration of the Pension Plans.

15. Resolution: Adopting Amended Retirement Board Member and Staff Education and Travel Policy (ALL). (Bonnel)

Valerie Weekly presented agenda item #15.

ATU Director Ralph Niz asked what the proposed \$1,500 annual training budget would cover. Ms. Weekly noted that when reviewing the Staff Education and Travel Policy it was discovered that a budget of \$1,500 was established for non-CALAPRS training. Staff is going to review the budget of \$1,500 to make sure that it amount is adequate.

Ms. Weekly noted that the education requirements have been revised. The policy now includes a goal of twenty-four educational hours in a two year period. Multi-day conferences are still an option. An email will be sent out from Staff detailing the procedural aspects of complying with the new policy, if adopted, including how staff intends to track hours reported and how staff will notify board members of training opportunities.

Director Morin moved to adopt Item 15. Director Li seconded the motion. Item 15 was carried unanimously by roll call vote: Ayes: Directors Li, Morin, Ohlson and Alternate Flanders. Noes: None.

#### **REPORTS FROM COMMITTEES**

None.

#### REPORTS, IDEAS AND COMMUNICATIONS

Donna Bonnel noted that there will be a Special Meeting on July 26, 2017.

Ms, Bonnel reported that the last meeting for paper packages should be the July 26, 2017 Special Meeting. As of the September 13, 2017 quarterly meeting, Staff will only distribute electronic packages. If any Board member needs an electronic device, they should contact Isis Humphrey, Administrative Technician.

The meeting was adjourned by Assistant Secretary Bonnel at 10:28 a.m.

	Russel Devorak, Chair
ATTEST:	
Sue Robison, Secretary	
By: Donna Bonnel, Assistant Secretary	

#### Sacramento Regional Transit District IBEW Special Retirement Board Meeting Wednesday, July 26, 2017

#### **MEETING SUMMARY**

#### **ROLL CALL:**

The Retirement Board was brought to order at 9:02 a.m. A quorum was present comprised as follows: Directors Li, Morin, Ohlson, and Bibbs.

This meeting was held as a common meeting of three of the five Sacramento Regional Transit District Retirement Boards.

By IBEW Resolution No. 16-12-186 for calendar year 2017, the Governing Board Member in attendance served as Common Chair of this Retirement Board meeting.

#### **CLOSED SESSION**

The AEA Retirement Board and IBEW Retirement Boards recessed. AEA Retirement Board members Devorak and Robison and IBEW Retirement Board members Ohlson and Bibbs left the meeting room at 9:04 a.m.

IBEW Retirement Board members Ohlson and Bibbs returned to join Board members Li and Morin at 9:14 a.m.

2. Conference with Legal Counsel – Anticipated Litigation Significant Exposure to Litigation Pursuant to Government Code Section 54956.9(d)(2): One Potential Cases (IBEW)

The IBEW Retirement Board met in closed session.

The IBEW Retirement Board meeting recessed and Board members Ohlson and Bibbs left the meeting room at 9:19 a.m.

#### **RECONVENE IN OPEN SESSION**

IBEW Retirement Board members Ohlson and Bibbs returned to the meeting room and the IBEW Retirement Board meeting reconvened in Open Session at 9:30.

#### **CLOSED SESSION REPORT**

No reportable actions were taken in the closed sessions.

#### 4. Corrective Pension Payments (AEA/ATU/IBEW). (Bonnel)

Director Morin moved to adopt IBEW Retirement Board Items 4. Director Li seconded the motion. Item 4 was carried unanimously by roll call vote: Ayes: Directors Li, Morin, Ohlson and Bibbs. Noes: None.

#### With no further business to discuss, the meeting was adjourned at 9:32 a.m.

	Eric Ohlson, Chair
ATTEST:	
Constance Bibbs, Secretary	
Ву:	
Donna Bonnel, Assistant Secretary	

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
15	09/13/17	Retirement	Action	

Subject: Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)

#### <u>ISSUE</u>

Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)

#### RECOMMENDED ACTION

Motion: Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)

#### FISCAL IMPACT

None.

#### **DISCUSSION**

#### **Unaudited Financial Statements**

Attached hereto are unaudited financial statements for the quarter and the year-to-date ended June 30, 2017. The financial statements are presented on an accrual basis and consist of a Statement of Fiduciary Net Position (balance sheet) (Attachment 1), a Statement of Changes in Fiduciary Net Position (income statement) for the quarter ended June 30, 2017 (Attachment 2), and a year-to-date Statement of Changes in Fiduciary Net Position (Attachment 3).

The Statement of Fiduciary Net Position includes a summary of fund assets showing the amounts in the following categories: investments, prepaid assets, and other receivables. This statement also provides amounts due from/to the District and Total Fund Equity (net position).

The Statement of Changes in Fiduciary Net Position includes activities in the following categories: investment gains/losses, dividends, interest income, unrealized gains/losses, benefit contributions/payouts, and investment management and administrative expenses.

#### Asset Rebalancing

Pursuant to Section IV, <u>Asset Rebalancing Policy</u> of the Statement of Investment Objectives and Policy Guidelines for the ATU, IBEW and Salaried Employees' Retirement Funds, the Retirement Boards have delegated authority to manage pension plan assets in accordance with the approved rebalancing policy to the District's Director of Finance/Treasury. The Director is required to report asset rebalancing activity to the Boards at their quarterly meetings. Rebalancing can occur for one or more of the following reasons:

Approved:	Presented:
FINAL 09/01/17	
VP Finance/CFO	Senior Accountant

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
15	09/13/17	Retirement	Action	

Subject: Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)

- 1. The Pension Plan ended the month with an accounts receivable or payable balance due to the District. A payable or receivable is the net amount of the monthly required contribution (required contribution is the percentage of covered payroll determined by the annual actuarial valuation) less the Plan's actual expenses.
- 2. The Pension Plan hires or removes a Fund Manager, in which case securities must be moved to a new fund manager.
- 3. The Pension Plan investment mix is under or over the minimum or maximum asset allocation as defined in the Statement of Investment Objectives and Policy Guidelines.

Attached hereto as Attachment 4 is the IBEW Plan's Schedule of Cash Activities for the three months ended June 30, 2017. The schedule of cash activities includes a summary of Plan activities showing the amounts in the following categories: District's pension contributions to the Plan, payments to retirees, and the Pension Plan's cash expenditures paid. This schedule also lists the rebalancing activity that occurred for the three months ended June 30, 2017. The IBEW Plan transferred \$151,297.30 to the District as the result of the net cash activity between the pension plan expenses and the required pension contributions.

Attached hereto as Attachment 5 is the IBEW Plan's Asset Allocation as of June 30, 2017. This statement shows the IBEW Plan's asset allocation as compared to targeted allocation percentages as defined in the Statement of Investment Objectives and Policy Guidelines.

Attached hereto as Attachment 6 is a reconciliation between the Callan Performance Report and the ATU, IBEW and Salaried Pension Plans' unaudited financial statements. The reports differ in that the unaudited financial statements reflect <u>both</u> investment activities and the pension fund's inflows and outflows. Callan's report <u>only</u> reflects the investment activities. The "Net Difference" amounts shown are the results of Callan and State Street using different valuations for the same securities and/or litigation settlements received by the Plans.

Included also as Attachment 7 is a reconciliation between the Callan Performance Report and the Schedule of Cash Activities for payments made from/to the District. Callan's report classifies gains from trades and litigation income as "net new investments." Finance staff classifies gains from trades and litigation income in the Pension Fund's unaudited Statement of Changes in Plan Net Position as "Other Income," which is combined in the category of "Interest, Dividend, & Other Inc".

Attached hereto as Attachment 8 is a schedule reflecting Fund Managers' quarterly investment returns and their investment fees. Additionally, the schedule reflects annual rates of return on investment net of investment fees for the one-year and three-year periods ended June 30, 2017 as compared to their benchmarks.

Attached hereto as Attachment 9 is a schedule reflecting all retirements that occurred, as well as any transfer of employees or plan assets from the IBEW Plan to the Salaried Plan during the three months ended June 30, 2017.

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
15	09/13/17	Retirement	Action	08/10/17

Subject: Receive and File Administrative Reports for the Quarter Ended June 30, 2017 for the IBEW Pension Plan (IBEW). (Bernegger)

On February 24, 2017, members of the ATU and the IBEW Retirement Boards met with District staff and Graham Schmidt from Cheiron, the Plans' actuary, to discuss a correction to the splitting of the ATU and IBEW assets. The split allows the two Plans to maintain separate accounting, which was a required corrective action in the IRS's Voluntary Compliance Program (VCP) compliance statements for the ATU and IBEW Plans to maintain tax-qualified status. Staff split the assets in July 2016, in accordance with the methodology set forth in the IRS VCP compliance statements, which corresponds to the methodology that Cheiron uses to prepare its actuarial valuations. Using that methodology, it was determined that 73.23%, or \$123,566,631, of the combined assets belonged to the ATU Plan and 26.77% or \$45,171,087 belonged to the IBEW Plan. Staff split the assets accordingly and began allocating revenues and expenses in accordance with the established Plan percentages. In December 2016, when Cheiron was working on the July 2017 valuation and evaluating the census data and associated liabilities for the two separate Plans, Cheiron discovered that the number of IBEW transfers to the Salaried Plan exceeded the number of ATU Plan transfers. Consequently, Cheiron concluded that the original asset split percentages were inaccurate. Cheiron determined that the correct percentage share for the two plans should have been 71.20% for the ATU Plan and 28.80% for the IBEW Plan. Per approvals from the ATU Retirement Board Chair on February 28, 2017, and the IBEW Retirement Board Chair on February 27, 2017, staff instructed State Street Bank and Trust (asset custodian) to transfer \$3,421,627.16 from the ATU Plan to the IBEW Plan on June 15, 2017, to account for the correction.

This subsequent correction impacted the allocation of fiscal year 2017 revenues and expenses. Based on the corrected percentage of assets owned by the two Plans, staff reallocated all revenues and expenses (excluding actual payments to retirees and contributions to the Plans) to determine what each Plan should have recognized. The net difference resulted in an additional \$430,199.64 (revenues less expenses) being due to the IBEW Plan from the ATU Plan. The net transfer of fiscal year 2017 revenue and expense correction was completed on June 22, 2017.

All asset transfers between the ATU and IBEW Plans related to the required asset split under the IRS VCP have been successfully completed.

## Sacramento Regional Transit District Retirement Plan - IBEW Statement of Fiduciary Net Position As of June 30, 2017

**Accrual Basis** 

	Jun 30, 17
ASSETS Current Assets Checking/Savings	
Long-Term Investments	54,213,961.36
Total Checking/Savings	54,213,961.36
Other Current Assets 1110120 · Prepaids	10,748.89
Total Other Current Assets	10,748.89
Total Current Assets	54,224,710.25
TOTAL ASSETS	54,224,710.25
LIABILITIES & EQUITY Liabilities Current Liabilities	
Accounts Payable 3110102 · Administrative Expense Payable 3110110 · Other Pay - Due to RT	22,379.18 67,672.15
3110122 · MetWest 3110124 · Boston Partners	12,215.47 12,361.44
3110125 · Callan 3110126 · State Street 3110127 · JP Morgan	2,078.06 4,394.77 3,932.78
3110128 · Atlanta Capital 3110129 · SSgA - S&P Index 3110130 · SSgA - EAFE 3110132 · Pyrford	9,953.21 1,147.30 502.09 2,955.11
Total Accounts Payable	139,591.56
Total Current Liabilities	139,591.56
Total Liabilities	139,591.56
Equity 3340100 · Retained Earning	45,066,750.96
3340101 · Retained Earnings Net Income	1,828,726.86 7,189,640.87
Total Equity	54,085,118.69
TOTAL LIABILITIES & EQUITY	54,224,710.25

## Sacramento Regional Transit District Retirement Plan - IBEW Statement of Changes in Fiduciary Net Position April through June 2017

**Accrual Basis** 

	Apr - Jun 17	% of Incom	ie
Income			
Interest, Dividend, & Other Inc		7 1123	
6830101 · Dividend	67,543.09	1.1%	
6830102 · Interest	123,485.54	2.0%	
6830103 · Other Income	614.67	0.0%	
Total Interest, Dividend, & Other Inc	191,643.30		3.1%
Investment Income			
6530900 · Gains/(Losses) - All	2,336,941.46	38.0%	
6530915 · Increase(Decrease) in FV	(1,046,313.83)	(17.0)%	
Total Investment Income	1,290,627.63		21.0%
RT Required Contribution			
6630110 · Employee Contributions	12,987.97	0.2%	
RT Required Contribution - Other	805,865.62	13.1%	
Total RT Required Contribution	818,853.59		13.3%
6630111 · Transfer In from ATU Plan	3,851,826.80		62.6%
Total Income	6,152,951.32	*	100.0%
Cost of Goods Sold			
8531201 · IBEW - Retirement Benefits Paid	863,400.71		14.0%
8531203 · EE Contribution Refunds	145.05		0.0%
8532004 · Invest Exp - Metropolitan West	12,215.47		0.2%
8532013 · Invest Exp - Boston Partners	12,361.44		0.2%
8532020 · Invest Exp - Callan	6,067.38		0.1%
8532021 · Invest Exp - State Street	4,686.58		0.1%
8532023 · Invest Exp - JP Morgan	786.56		0.0%
8532024 · Invest Exp - Atlanta Capital	9,953.21		0.2%
8532025 · Invest Exp - S&P Index - SSgA	1,147.30		0.0%
8532026 Invest Exp - EAFE - SSgA	502.09		0.0%
8532027 · Invest Exp - AQR	5,849.44		0.1%
8532028 · Invest Exp - Pyrford	2,955.11	-	0.0%
Total COGS	920,070.34		15.0%
Gross Profit	5,232,880.98		85.0%
Expense			1
8533002 · Admin Exp - Actuary	12,178.07		0.2%
8533007 · Admin Exp - CALPRS Dues/Cours			0.0%
8533009 · Admin Exp - Shipping	0.00		0.0%
8533014 · Admin Exp - Fiduciary Insurance	2,718.72		0.0%
8533021 · Admin Exp - Legal Services	21,527.89		0.3%
8533029 · Admin Exp - Administrator	26,966.25		0.4%
8533030 · Admin Exp - Audit	0.00		0.0%
8533050 · Miscellaneous	125.99	,	0.0%
Total Expense	66,016.92		1.1%
Net Income	5,166,864.06	1 x 3 3 3 3 1	84.0%

## Sacramento Regional Transit District Retirement Plan - IBEW Statement of Changes in Fiduciary Net Position July 2016 through June 2017

**Accrual Basis** 

	Jul '16 - Jun 17	% of Incom	е
Income			
Interest, Dividend, & Other Inc			
6830101 · Dividend	236,937.71	1.9%	
6830102 · Interest	469,761.31	3.7%	
6830103 · Other Income	1,250.43	0.0%	
Total Interest, Dividend, & Other Inc	707,949.45		5.6%
Investment Income		*	
6530900 · Gains/(Losses) - All	3,221,477.18	25.3%	
6530915 · Increase(Decrease) in FV	1,610,221.84	12.6%	
Total Investment Income	4,831,699.02	*	37.9%
RT Required Contribution			
6630110 · Employee Contributions	39,287.30	0.3%	
RT Required Contribution - Other	3,315,378.70	26.0%	
Total RT Required Contribution	3,354,666.00		26.3%
6630111 · Transfer In from ATU Plan	3,851,826.80		30.2%
Total Income	12,746,141.27		100.0%
Cost of Goods Sold			
8531201 · IBEW - Retirement Benefits Paid	3,281,022.29		25.7%
8531203 · EE Contribution Refunds	145.05		0.0%
8532004 · Invest Exp - Metropolitan West	45,689.24		0.4%
8532013 · Invest Exp - Boston Partners	44,432.35		0.3%
8532020 · Invest Exp - Callan	23,351.61		0.2%
8532021 · Invest Exp - State Street	17,692.30		0.1%
8532023 · Invest Exp - JP Morgan	11,305.37		0.1%
8532024 · Invest Exp - Atlanta Capital	35,836.94		0.3%
8532025 · Invest Exp - S&P Index - SSgA	4,135.22		0.0%
	1,812.07		0.0%
8532026 · Invest Exp - EAFE - SSgA	20,026.49		0.2%
8532027 · Invest Exp - AQR 8532028 · Invest Exp - Pyrford	2,955.11		0.0%
Total COGS	3,488,404.04		27.4%
Gross Profit	9,257,737.23	* * * * *	72.6%
Expense			
8533002 · Admin Exp - Actuary	42,406.29		0.3%
8533007 · Admin Exp - CALPRS Dues/Courses	2,666.67	e g	0.0%
8533009 · Admin Exp - Shipping	1.57		0.0%
8533012 · Admin Exp - Travel	12.79		0.0%
8533014 · Admin Exp - Fiduciary Insurance	8,588.97		0.1%
8533021 · Admin Exp - Legal Services	76,134.58		0.6%
8533025 · Admin Exp - Information Service	333.33		0.0%
8533029 · Admin Exp - Administrator	97,848.28		0.8%
	11,196.67		0.07
8533030 · Admin Exp - Audit 8533050 · Miscellaneous	180.35		0.0%
Total Expense	239,369.50		1.9%
et Income	9,018,367.73		70.8%
at income	0,010,001.10		. 5.5 /

#### Sacramento Regional Transit District Retirement Fund - IBEW Schedule of Cash Activities For the Three Months Period Ended June 30, 2017

	April 2017	May 2017	June 2017	Quarter Totals
Beginning Balance: Due (from)/to District - March 31, 2016	43,681.20	56,370.12	107,616.10	43,681.20
Monthly Activity:				
Deposits District Pension Contributions @ 22.60 to 27.10%	260,462.40	280,573.70	264,829.52	805,865.62
Employee Pension Contributions	4,071.98	4,620.41	4,295.58	12,987.97
Total Deposits	264,534.38	285,194.11	269,125.10	818,853.59
<u>Expenses</u>				
Payout to Retirees	(286, 132.69)	(285,905.53)	(291,362.49)	(863,400.71)
Employee Contribution Refunds	(87.23)	(57.82)	0.00	(145.05)
Payout to Retirees Subtotal	(286,219.92)	(285,963.35)	(291,362.49)	(863,545.76)
Fund Investment Management Expenses:				
Atlanta Capital	-	(8,913.45)	-	(8,913.45)
Metropolitan West	(11,170.42)	-	·	(11,170.42)
Boston Partners		(11,213.79)	-	(11,213.79)
SSgA S&P 500 Index	(1,042.61)	=	=	(1,042.61)
SSgA EAFE MSCI	(465.80)	-		(465.80)
Callan	(1,928.39)	(1,928.89)	(2,060.43)	(5,917.71)
State Street	(1,997.66)	(8,199.70)	_	(10,197.36)
Fund Invest. Mgmt Exp. Subtotal	(16,604.88)	(30,255.83)	(2,060.43)	(48,921.14)
Administrative Expenses				
Cheiron	(3,602.56)	_	(5,468.13)	(9,070.69)
CALAPRS Training			(2,500.00)	(2,500.00)
Fiduciary Insurance	-	133.34	(12,948.69)	(12,815.35)
Hanson Bridgett Legal Services	(6,333.33)	_	(12,666.66)	(18,999.99)
Audit Fees	en la managa ang managa	(11,196.67)	-	(11,196.67)
Pension Administration	(8,138.49)	(9,157.58)	(9,670.18)	(26,966.25)
Miscelaneous	(5.32)	- (00,000,04)	(120.67)	(125.99)
Administrative Exp. Subtotal	(18,079.70)	(20,220.91)	(43,374.33)	(81,674.94)
Total Expenses	(320,904.50)	(336,440.09)	(336,797.25)	(994,141.84)
Monthly Net Owed from/(to) District	(56,370.12)	(51,245.98)	(67,672.15)	(175,288.25)
Payment from/(to) the District	(43,681.20)		(107,616.10)	(151,297.30)
Ending Balance:				
Due (form) to the District (-Decimaling testers to				
Due (from)/to the District (=Beginning balance + monthly balance-payment to District)	56,370.12	107,616.10	67,672.15	67,672.15
	,		,3,3	37,37.27.10

## RT Combined Pension Plans - ATU, IBEW and Salaried Asset Allocation \* As of 6/30/2017

_	Asset Class	Net Asset Market Value 06/30/2017	Actual Asset Allocation	Target Asset Allocation	% Variance	\$ Variance	Target Market Value
	FUND MANAGERS:						
	Domestic Equity:						
	Large Cap Value - Boston Partners - Z8	\$ 45,850,960	16.98%	16.00%	0.98%	\$ 2,648,023	
	Large Cap Growth - SSgA S&P 500 Index - XH	45,559,203	16.87%	16.00%	0.87%	2,356,266	
	Total Large Cap Domestic Equity	91,410,163	33.85%	32.00%	1.85%	5,004,289	\$ 86,405,875
	Small Cap - Atlanta Capital - XB	24,786,908	9.18%	8.00%	1.18%	3,185,439	21,601,469
	International Equity: Large Cap Growth:						
	Pyrford - ZD	25,596,843	9.48%	9.50%	-0.02%	(54,901)	_
	Large Cap Core: SSgA MSCI EAFE - XG Value - Brandes - XE Total Core	10,483,335 9,403 10,492,738	3.88% 0.00% 3.89%	4.50%	-0.61%	(1,658,089)	
	Small Cap:	• •					
	AQR - ZB	13,788,326	5.11%	5.00%	0.11%	287,408	
	Emerging Markets DFA - ZA	15,448,346	5.72%	6.00%	-0.28%	(752,755)	
	Total International Equity	65,326,252	24.19%	25.00%	-0.81%	(2,178,337)	67,504,589
	Fixed Income:  Met West - XD	88,495,034	32.77%	35.00%	-2.23%	(6,011,391)	94,506,425
	Total Combined Net Asset	\$ 270,018,358	100.00%	100.00%	0.00%		\$ 270,018,358
	. Juli Gollibilion Hot Aloot					-	

35%	40%	45%
28%	32%	36%
5%	8%	11%
20%	25%	30%
10%	14%	18%
3%	5%	7%
4%	6%	8%
30%	35%	40%
	28% 5% <b>20%</b> 10% 3% 4%	28% 32% 5% 8% 20% 25% 10% 14% 3% 5% 4% 6%

<sup>\*</sup> Per the Statement of Investment Objectives and Policy Guidelines as of 6/15/2016.

#### Reconciliation between Callan Report and Consolidated Pension Fund Balance Sheet As of June 30, 2017

#### Per Both Pension Fund Balance Sheets:

ATU Allocated Custodial Assets 131,010,175
IBEW Allocated Custodial Assets 54,213,961
Salaried Allocated Custodial Assets 84,794,221

Total Consolidated Net Asset 270,018,358

Per Callan Report:

Total Investments 270,017,704

Net Difference \_\_\_\_\_654

#### Reconciliation between Callan Report and Consolidated Pension Fund Income Statement For the Quarter Ended June 30, 2017

#### Per Both Pension Fund Income Statements:

ATU - Interest, Dividends, and Other Income	517,319
ATU - Investment Income	3,464,543
IBEW - Interest, Dividends, and Other Income	191,643
IBEW - Investment Income	1,280,628
Salaried - Interest, Dividends, and Other Income	316,263
Salaried - Investment Income	2,228,541
Total Investment Income	7,998,937

#### Per Callan Report:

Investment Returns 7,977,082

Net Difference 21,855 \*

<sup>\*</sup> The "Net Difference" amounts shown are the results of Callan and State Street using different valuations for the same securities.

<sup>\*\*</sup> The "Net Difference" amounts shown are the results of Callan and State Street using different valuations for the same securities.

#### Reconciliation between Callan Report and Consolidated Schedule of Cash Activities For the Quarter Ended June 30, 2017

	April	May	June	Total
Payments from/(to) the District				
S&P 500 Index - ATU	(295,735)		(564,561)	(860,296)
S&P 500 Index - IBEW	(43,681)		(107,617)	(151,298)
S&P 500 Index - Salaried	33,174	i*	(170,639)	(137,465)
JP Morgan - ATU		(13,697,285)	-	(13,697,285)
JP Morgan - IBEW	-	(5,007,187)	7	(5,007,187)
JP Morgan - Salaried	-	(7,249,347)		(7,249,347)
Pyrford - ATU	-	13,697,285		13,697,285
Pyrford - IBEW	=	5,007,187	-	5,007,187
Pyrford - Salaried		7,249,347		7,249,347
Total Payments from/(to) the District	(306,242)		(842,817)	(1,149,059)
Transfers In/(Out) of Investment Funds		n * w		
Boston Partners	-			-
S&P 500 Index	(306,242)	1 · 1	(842,817)	(1,149,059)
Atlanta Capital	-	-	=	-
JP Morgan	-	(25,953,819)		(25,953,819)
Pyrford	<u> </u>	25,953,819	-	25,953,819
EAFE	-			-
AQR	.j "	· · · · · · ·	. •	N=
DFA		-	-	
Metropolitan West				-
Total Transfers In/(Out) of Investment Funds	(306,242)		(842,817)	(1,149,059)
Variance between Payments and Transfers	;	<del></del> -		
Per Callan Report:				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Net New Investment/(Withdrawals)			_	(1,149,059)
Net Difference				<u> </u>
, The state of the	1 A B			

		d Schedule of Cash A 12-Months June 30,		****	
	3Q16	4Q16	1Q17	2Q17	Total
Payments from/(to) the District Boston Partners - ATU Boston Partners - IBEW Boston Partners - Salaried S&P 500 Index - ATU S&P 500 Index - IBEW S&P 500 Index - IBEW S&P 500 Index - Salaried Atlanta Capital - ATU Atlanta Capital - IBEW Atlanta Capital - Salaried JP Morgan - ATU	(563,941) (75,751) 102,128 (234,429) (25,776)	(323,598) (37,279) (109,213) (250,612) (28,278) (43,168) (242,374) (24,357) (80,132)	(644,886) 6,135 (80,072) (257,621) 37,157 9,126	(860,296) (151,298) (137,465) - - (13,697,285)	(968,484) (31,144) (189,285) (1,932,470) (218,170) (69,379) (476,803) (50,133) (80,132) (13,697,285)
JP Morgan - IBEW JP Morgan - Salaried Pyrford - ATU Pyrford - IBEW Pyrford - Salaried				(5,007,187) (7,249,347) 13,697,285 5,007,187 7,249,347	(5,007,187) (7,249,347) 13,697,285 5,007,187 7,249,347
EAFE - ATU EAFE - IBEW	(6,178,332) (2,258,554)				(6,178,332) (2,258,554)
EAFE - Salaried AQR - ATU AQR - IBEW AQR - Salaried DFA - Salaried Metropolitan West - ATU/IBEW Metropolitan West - ATU	(3,764,715) 6,178,332 2,258,554 3,764,715 137,839 - (248,710)		ggi Sartasa : : :		(3,764,715) 6,178,332 2,258,554 3,764,715 137,839 - (248,710)
Metropolitan West - IBEW  Total Payments from/(to) the District	(29,127)	(1,139,011)	(930,161)	(1,149,059)	(29,127) (4,155,998)

1.94%

#### Sacramento Regional Transit District ATU, IBEW and Salaried Retirement Plans Schedule of Fund Investment Returns and Expenses 06/30/17

				1 Year				3 Years	
			Net of	Bench-	Favorable/		Net of	Bench-	Favorable
			Fees	Mark	(Unfavor)		Fees	Mark	(Unfavor)
100	1 Year	%	Returns	Returns	Basis Pts	3 Years %	Returns	Returns	Basis Pts
Boston Partners									
Investment Returns	8,104,440	100.00%				9,294,980 100.00%			
Investment Expenses	(234,244)	2.89%				(656,303) 7.06%			
Net Gain/(Loss)	7,870,196	97.11%	20.41%	15.53%	488.00	8,638,677 92.94%	7.20%	7.36%	(16.00
1101 (2011) (2000)	7,070,100	07.1170	20.1170	10.0070	100.00	5,555,611 52.5175			(10100
S&P 500									
AND AND ADDRESS OF THE PARTY OF	7,174,670	100.00%				11,507,065 100.00%	2		
Investment Returns	(21,803)	0.30%			25	(92,079) 0.80%			
Investment Expenses	1		17.040/	47.000/	1.00		9.62%	0.640/	1.00
Net Gain/(Loss)	7,152,867	99.70%	17.91%	17.90%	1.00	11,414,986 99.20%	9.02%	9.61%	1.00
Atlanta Capital			9.72						
Investment Returns	3,443,671	100.00%				6,857,772 100.00%			
Investment Expenses	(188,939)	5.49%	192		e 1, 1	(511,688) 7.46%			
Net Gain/(Loss)	3,254,732	94.51%	15.18%	24.60%	(942.00)	6,346,084 92.54%	10.39%	7.36%	303.00
							-		
JPMorgan									
Investment Returns	4,672,062	100.00%			1	1,499,651 100.00%			
Investment Expenses	(60,995)	1.31%				(370,929) 24.73%	ļ.		
Net Gain/(Loss)	4,611,067	98.69%	N/A	N/A	N/A	1,128,722 75.27%	N/A	N/A	N/A
1101 5001111 (2000)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					.,,			
Pyrford					1				
Investment Returns	(356,976)	100.00%				(356,976) 100.00%			
	, , , , ,	0.0000000000000000000000000000000000000							
Investment Expenses	(14,718)	-4.12%	NI/A	NI/A	NI/A		NIZA	NI/A	NI/A
Net Gain/(Loss)	(371,694)	104.12%	N/A	N/A	N/A	(371,694) 104.12%	N/A	N/A	N/A
		7-2			1				
EAFE									
Investment Returns	2,134,059	100.00%	1			(984,530) 100.00%			
Investment Expense	(9,556)	0.45%			-	(51,747) -5.26%			
Net Gain/(Loss)	2,124,503	99.55%	20.57%	20.27%	30.00	(1,036,277) 105.26%	1.39%	1.15%	24.00
Brandes	9					1			
Investment Returns	71	100.00%				(3,504) 100.00%			
Investment Expenses	-	0.00%	1		-	- 0.00%			
Net Gain/(Loss)	71	100.00%	N/A	N/A	N/A	(3,504) 100.00%	N/A	N/A	N/A
					7.				
AQR						1	(8)		
Investment Returns	1,605,870	100.00%	1			1,605,870 100.00%			
Investment Expenses	(108,460)	6.75%				(108,460) 6.75%			
Net Gain/(Loss).	1,497,410	93.25%	N/A	N/A	N/A	1,497,410 93.25%	N/A	N/A	N/A
Net Galli/(Loss).	1,437,410	33.2370	1973	14//	13//3	1,407,410 00.2070	1877	1107	14//-3
DEA					l	1	1		
DFA	0.770.005	400 000/				000 994 400 0001	1		
Investment Returns	2,773,305	100.00%				966,884 100.00%			
Investment Expense	(92,906)	3.35%	04.000/	04.470/	(000 00)	(243,653) 25.20%	4 000/	4 4 4 6 7	10.00
Net Gain/(Loss)	2,680,399	96.65%	21.88%	24.17%	(229.00)	723,231 74.80%	1.63%	1.44%	19.00
					l	1			
Metropolitan West					22		y .		
Investment Returns	612,393	100.00%				7,127,309 100.00%	·		
Investment Expenses	(241,089)	39.37%	1000			(736,452) 10.33%	100000000000000000000000000000000000000		
Net Gain/(Loss)	371,304	60.63%	0.42%	-0.31%	73.00	6,390,857 89.67%	2.38%	2.48%	(10.00)
							F 151		
Total Fund	°.,								
Investment Returns	30,163,565	100.00%			a 85a a	37,514,521 100.00%			
	(972,710)	3.22%				(2,786,030) 7.43%			
Investment Expenses									
Investment Expenses Net Gain/(Loss)	29,190,855	96.78%	12.09%	12.71%	(62.00)	34,728,491 92.57%	4.71%	5.05%	(34.00)

1.69%

Core CPI:

#### Sacramento Regional Transit District Schedule of Transfers and Retirements

For the Time Period: April 1, 2017 to June 30, 2017

Transfers:

			Tranfer In
Date	Purpose of Transfer	Transfer Out ATU	IBEW
06/15/2017	Asset/liability split correction based on actuarial valuation	(3,421,627.16)	3,421,627.16
06/22/2017	Fiscal year 2017 revenue and expense true up	(430,199.64)	430,199.64
		(3,851,826.80)	3,851,826.80

#### Retirements:

Employee #	Previous Position	<b>Pension Group</b>	<b>Retirement Date</b>
2043	Mechanic B	IBEW	04/01/2017
2430	Bus Operator	ATUL	04/28/2017
3231	Facilities Service Worker	IBEW	06/01/2017
2487	Facilities & Grounds Worker	IBEW	05/01/2017
3152	Bus Operator	ATUL	04/01/2017
1562	· Customer Service Representative	ATUL	06/01/2017
2306	Mechanic A	IBEW	05/01/2017
1025	Graphic Designer	AFST	05/01/2017
3388	Procurement Analyst II	AEAS	05/01/2017
1646	Facilities Supervisor	AFSC	04/01/2017
1656	Engineering Technician II	AEAS	06/01/2017
3454	Director, Long Range Planning	MCEG	06/01/2017

#### REGIONAL TRANSIT ISSUE PAPER

Page 1 of 2

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
16	9/13/17	Retirement	Action	8/16/17

Subject: Adoption of the Regional Transit District Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)

#### **ISSUE**

Adoption of the Regional Transit District (RT) Retirement Boards 2018 Meeting Calendar (ALL). (Bonnel)

#### RECOMMENDED ACTION

Adopt Resolution No. 17-09-\_\_\_\_, Adopting the Regional Transit District Retirement Boards 2018 Meeting Calendar.

#### FISCAL IMPACT

None, as a result of this action.

#### **DISCUSSION**

The RT Retirement Boards have Regular meetings quarterly to review the performance of investments in RT's retirement funds by its fund managers and related business. Special meetings typically are called for items which require time for more lengthy discussions.

The proposed dates for Quarterly Retirement Board Meetings for the 2018 calendar year are:

- Wednesday, March 14<sup>th</sup>
- Wednesday, June 20<sup>th</sup>
- Wednesday, September 12<sup>th</sup>
- Wednesday, December 12<sup>th</sup>

In anticipation of several large projects and decisions coming before the Retirement Boards in 2018, staff is also proposing several tentative Special Meeting dates. If necessary, these dates can be utilized for in-depth discussion of items that require attention in addition or prior to regularly-scheduled Quarterly Retirement Board Meetings.

Approved:	Presented:
Final 9/6/17	
VP, Finance / CFO	Director, Human Resources

C:\Temp\2018 IP Retirement Board Schedule - Resos 24730453.doc

### REGIONAL TRANSIT ISSUE PAPER

Page 2 of 2

Agenda	Board Meeting	Open/Closed	Information/Action	Issue	
Item No.	Date	Session	Item	Date	
16	9/13/17	Retirement	Action	8/16/17	

Subject:	Adopting the Regional Transit Retirement Boards 2018 Meeting Calendar (ALL).
	(Bonnel)

The proposed dates for tentative Special Meetings for the 2018 calendar year are:

- Wednesday, February 7<sup>th</sup>
- Wednesday, April 18<sup>th</sup>
- Wednesday, July 25<sup>th</sup>
- Wednesday, October 24<sup>th</sup>

Staff recommends that the Board Members adopt a 9:00 a.m. start time for the 2018 meetings.

Staff recommends approval of the Regional Transit Retirement Boards 2018 Meeting Calendar, marked as Exhibit A.

BECUI	LUTION	NI( )	17_00_	
1112001		INCJ.	17-03-	

Adopted by the IBEW Retirement Board for the Retirement Plan for RT Employees Who Are Members of IBEW Local Union 1245 on this date:

#### September 13, 2017

## ADOPTING THE REGIONAL TRANSIT DISTRICT RETIREMENT BOARDS 2018 MEETING CALENDAR

BE IT HEREBY RESOLVED BY THE RETIREMENT BOARD FOR THE RETIREMENT PLAN FOR RT EMPLOYEES WHO ARE MEMBERS OF IBEW AS FOLLOWS:

THAT, the meeting schedule set out in attached Exhibit A for the meetings of the Regional Transit District IBEW Retirement Board for calendar year 2018, is hereby adopted.

		Eric Ohlson, Chair	
ΑT	TEST:		
Cons	stance Bibbs, Secretary		
Ву:	Donna Bonnel, Assistant Secretary		

#### 2018 RETIREMENT BOARD CALENDAR

#### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD REGIONAL TRANSIT AUDITORIUM (ROOM 114) – 1400 29<sup>TH</sup> STREET SACRAMENTO, CALIFORNIA

#### 9:00 AM

Wednesday	Regular Meeting	March 14, 2018
Wednesday	Regular Meeting	June 20, 2018
Wednesday	Regular Meeting	September 12, 2018
Wednesday	Regular Meeting	December 12, 2018
Wednesday	Special Meeting	*February 7, 2018
Wednesday	Special Meeting	*April 18, 2018
Wednesday	Special Meeting	*July 25, 2018
Wednesday	Special Meeting	*October 24, 2018

<sup>\*</sup>Special Meeting dates are tentative. If necessary, these dates can be utilized for items that require attention prior to the scheduled quarterly Board Meeting.

### REGIONAL TRANSIT ISSUE PAPER

Page 1 of 1

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
20	09/13/17	Retirement	Information	

Subject: Investment Performance Review by Atlanta Capital for the ATU, IBEW, and Salaried Retirement Funds for the Domestic Small Cap Equity Asset Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

#### **ISSUE**

Investment Performance Review by Atlanta Capital for the ATU, IBEW, and Salaried Retirement Funds for the Domestic Small Cap Equity Asset Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

#### RECOMMENDED ACTION

Information Only.

FISCAL IMPACT

None.

#### DISCUSSION

Retirement funds are invested consistent with the Statement of Investment Objectives and Policy Guidelines (Policy) adopted by each Retirement Board (Board). The Board shall meet at least every eighteen (18) months with each investment manager to review the performance of its investment, the adherence to the Policy, and any material changes to its organization. The Policy also establishes the Retirement Funds' asset allocation policy and the asset classes in which the Plans funds are invested. The asset classes established by the Policy are (1) Domestic Large Capitalization Equity, (2) Domestic Small Capitalization Equity, (3) International Large Capitalization Equity, (4) International Small Capitalization Equity (5) International Emerging Markets, and (6) Domestic Fixed-Income.

Atlanta Capital is the Retirement Boards' Domestic Small Capital Equity fund manager. Atlanta Capital will be presenting performance results for the quarter ended June 30, 2017, shown in Attachment 1, and answering any questions.

Approved:	Presented:	
FINAL 08/28/17		
VP Finance/CFO	Senior Accountant	



## **Sacramento Regional Transit District**

High Quality Small Cap

September 13, 2017 Portfolio Review

#### **Your Atlanta Capital Team**

Michael Jaje, CFA Investment Specialist & Principal (404) 682-2498 michael.jaje@atlcap.com

Robert Allen, CFA Senior Portfolio Administrator (404) 682-2430 robert.allen@atlcap.com

## **Atlanta Capital Management Co., LLC**

As of June 30, 2017

- Founded in 1969 in Atlanta, Georgia
- Singular focus on High Quality stocks and bonds
- Owned by employees & Eaton Vance Corporation
- Employ 41 professionals (19 are equity partners)

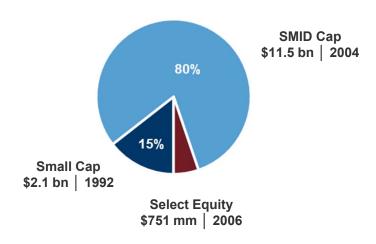
#### **Investment Franchises**

(\$18.9 Billion)



#### **Core Equity Management**

(\$14.4 Billion)



Assets under management | inception date of strategy.



## **Seasoned & Stable Investment Team**

A focused team that combines the benefit of conducting independent fundamental research with the ability to make timely investment decisions.

#### **Portfolio Managers**







#### **Investment Specialist**



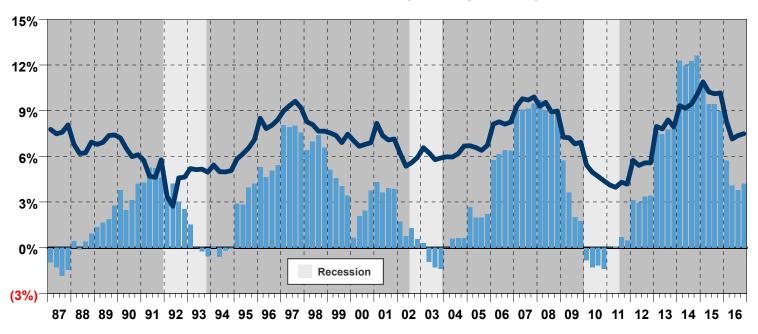
- Portfolio managers are generalists and serve as both research analyst and portfolio manager
- Our team does not rely on a research staff to generate ideas or perform fundamental research
- Each portfolio manager conducts his own research while decisions are made on a consensus basis



## **Consistent Growth & Stability in Earnings**

### Key Tenet of Our Investment Philosophy

## Five-Year Rolling CAGR of As Reported Earnings Russell 2000® Index by Earnings Stability



	Earnings Stability Above-Average	Avg. 5-Year CAGR 6.9%	Earnings Variability 1.7%	# Positive Periods 120 or 100%	# Negative Periods 0 or 0%
	Below-Average	3.8%	3.6%	101 or 84%	19 or 16%

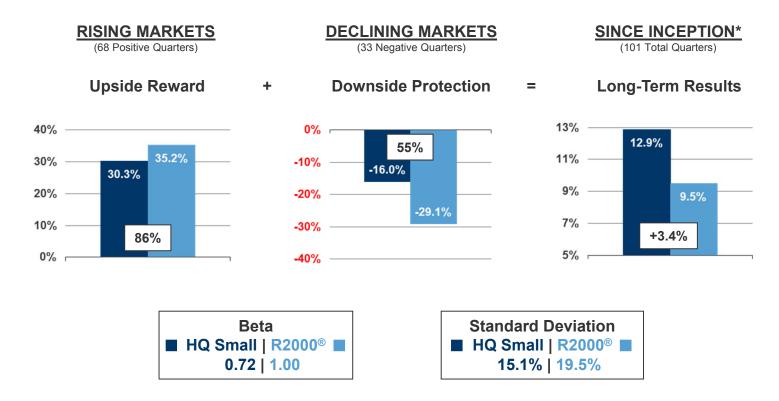
\*Time period: January 1, 1987 – December 31, 2016. The Above-Average Earnings Stability and Below-Average Earnings Stability portfolios are provided to compare the aggregate of all companies in the index with High Quality S&P Rankings (B+ or Better) to those with Low Quality S&P Rankings (B or Below). The Earnings Stability portfolios are model portfolios formed and rebalanced monthly by Atlanta Capital. The universe includes all Russell 2000® Index constituents with S&P Quality Rankings and prices greater than \$1. Five-year historical earnings growth rates are calculated using a market capitalization-weighted methodology. The Russell 2000® Index is a widely-accepted measure of the U.S. small cap stability and Below-Average Earnings Stability portfolios were derived in part from the Russell Index Data and Frank Quality Rankings and prices greater than \$1. Five-year historical earnings with rates are calculated using a market capitalization-weighted methodology. The Russell 2000® Index is a widely-accepted measure of the U.S. small earnings Stability and Below-Average Earnings Stability portfolios were derived in part from the Russell Index Data index. The Above-Average Earnings Stability and Below-Average Earnings Stability and Eale Below-Average Earnings Stability and Eale Below-Average Earnings Stability and Eale Earnings Stability a



## **Investment Objective**

April 1, 1992 – June 30, 2017

We seek to outperform over the long term by participating in rising markets and protecting capital during declining markets...



#### ...without the volatility typically associated with small cap investing.

\*Inception date of the High Quality Small Capitalization Composite is April 1, 1992. For illustrative purposes only. The charts above illustrate the average (annualized) return of the High Quality Small Capitalization Composite during both rising and declining markets and since inception. Rising markets are defined as quarters where the return of the Russell 2000® index was negative. These positive and negative quarters are separated out from the intervening quarters, cumulated across the period, and annualized. Composite performance is shown in US dollars and reflects reinvestment of all income and capital gains. Composite performance is shown gross of investment advisory and custody fees; upside reward, downside protection and long-term results will be reduced by fees and other client expenses. Composite performance on a net-of-management fees or the period (after a maximum annual fee of 0.80% accrued monthly), Performance during certain periods reflects strong stock market performance that is not typical and may not be repeated. Individual client returns with the constraints and client inception date. Beta measures the historical sensitivity of portfolio excess returns to movements in the excess return of the market index. Standard Deviation is a measure of absolute volatility of returns. The Russell 2000® index is unmanaged and does not incur management fees or other expenses associated with managed accounts. It is not possible to directly invest in an index. This material is supplemental to the GIPS® composite presentation or important additional information and disclosure. Passe performance does not predict or quarantee future results. Source: eVestment and Atlanta Capital.



## **Disciplined Investment Process**

High Quality Small Cap Equity

Step 1.

Create a 'Focus List' of High Quality Companies



Step 2.

Conduct Proprietary 'Onsite' Fundamental Research



<sup>\* 3-</sup>year average based on a single representative client portfolio for the strategy and subject to change. Actual results may vary for each client.



## **Summary of Guidelines**

## Sacramento Regional Transit District

#### **Objective**

- The objective is to provide small capitalization exposure for the two commingled retirement plans.
- Achieve a net of fee return which exceeds the Russell 2000 Index over a minimum three year period
- Achieve a gross of fee return which places above the median manager in a comparative universe of small capitalization equity managers.

#### **Guidelines**

- No more than 5% (at cost) may be invested in a single issuer of the portfolio and/or no more than 5% of a company's total outstanding shares may be purchased.
- The sector weights of the portfolio must not exceed 30% absolute.
- No more than 25% of the market value of the portfolio will be invested in any single industry.
- Unless specifically authorized, the manager must not engage in transactions with stock option derivatives, short sales, purchases on margin, letter stocks, private placements, or commodities
- The manager is permitted to effect transactions in Russell 2000 Index Futures for the purpose of obtaining low cost temporary market exposure.
- No more than 5% (at cost) of the portfolio may invest in American Depository Receipts (ADR's). The use of other non-U.S. equity securities is prohibited.
- Investments in real estate investment trusts (REIT's) is permitted.
- The cash holdings must not exceed 10% of the portfolio's market value.

#### **Trading**

Best execution.

#### **Proxy Voting**

The manager has sole responsibility for voting proxies of shares of companies in the portfolio.





## **Annualized Performance**

As of June 30, 2017

#### **Sacramento Regional Transit District**

							Since Ir	ception*
	<b>QTD</b> (%)	YTD (%)	1 Yr (%)	3 Yrs* (%)	5 Yrs* (%)	7 Yrs* (%)	<b>04/22/10</b> (%)	<b>04/30/10</b> (%)
High Quality Small Cap (Gross)	3.62	5.46	16.09	11.19	15.55	17.26	14.58	14.88
High Quality Small Cap (Net)	3.42	5.04	15.18	10.32	14.64	16.34	N/A	13.98
Russell 2000® Index	2.46	4.99	24.60	7.36	13.70	14.35	11.07	11.49

#### **Account Summary**

Portfolio Inception Date: April 22, 2010 Net Investment Contributions: \$6,347,634 Investment Dollars Earned: \$18,438,707 Market Value (06/30/17): \$24,786,341

\*Time periods greater than one year are annualized.
Performance reflects reinvestment of all income and capital gains (realized and unrealized).
Results are based on the accrual method of accounting as well as trade date valuation.
Returns are gross of fees unless otherwise noted.
Gross of fee returns do not reflect the deduction of management and custodial fees. Net of fee returns reflect the deduction of the management fee accrued on a monthly basis.
Returns are based on the total assets of the client's account, calculated on a daily basis, and geometrically linked to calculate returns for longer periods of time.
The unmanaged indexes shown for comparative purposes do not reflect the subtraction of any fees or transaction costs. It is not possible to directly invest in an index.
Past performance does not guarantee or predict future results.
Gross of fees inception date is 04/22/10. Net of fees inception date is 04/30/10.



## **Annualized Performance**

## As of July 31, 2017

#### **Sacramento Regional Transit District**

							Since Ir	nception*
	<b>QTD</b> (%)	<b>YTD</b> (%)	1 Yr (%)	3 Yrs* (%)	<b>5 Yrs*</b> (%)	7 Yrs* (%)	<b>04/22/10</b> (%)	<b>04/30/10</b> (%)
High Quality Small Cap (Gross)	0.28	5.75	14.28	13.39	15.54	16.23	14.44	14.74
High Quality Small Cap (Net)	0.22	5.27	13.39	12.50	14.63	15.32	N/A	13.84
Russell 2000® Index	0.74	5.77	18.45	9.89	14.19	13.39	11.05	11.46

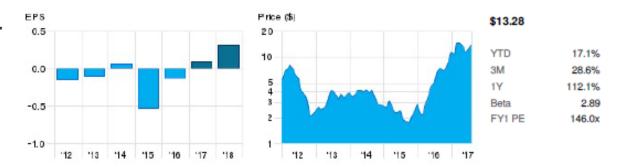


Returns are preliminary

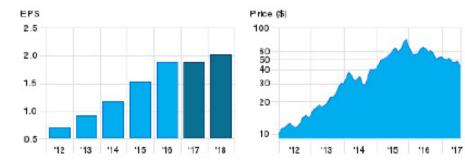
\*Time periods greater than one year are annualized.
Performance reflects reinvestment of all income and capital gains (realized and unrealized).
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## Low Quality vs. High Quality Performance

Advanced Micro Devices, Inc. (AMD)



## Manhattan Associates (MANH)





-18.2%

-6.8%

-24.8%

0.99

23.2x

\$43.41

YTD

3M

1Y

Beta

FY1 PE

## **Small Cap Transactions**

July 1, 2016 – June 30, 2017

Purchases Sector		Sales	Sector		
Second Quarter 2017 None		Second Quarter 2017 VCA (WOOF)	Health Care		
First Quarter 2017 None		First Quarter 2017 CLARCOR (CLC)	Discretionary		
Fourth Quarter 2016 None		Fourth Quarter 2016 None			
Third Quarter 2016 ICU Medical, Inc. (ICUI) Integra LifeSciences (IART)	Health Care Health Care	Third Quarter 2016  Monotype Imaging (TYPE)  West Pharmaceutical (WST)	Technology Health Care		

The specific securities identified are not representative of all of the securities purchased, sold or recommended for advisory clients. Actual holdings will vary for each client and there is no guarantee that a particular client's account will hold any or all of the securities listed. It should not be assumed that any of the above securities were or will be profitable. For a complete list of all recommendations made by Atlanta Capital for the High Quality Small Capitalization Composite included at the end of this presentation.



# **Portfolio Characteristics**

As of June 30, 2017

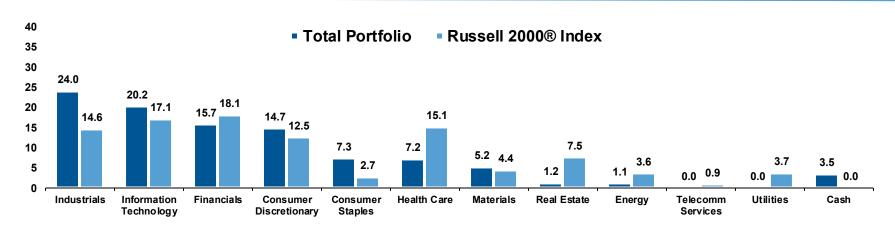
Sacramento Regional Transit District High Quality Small Cap

Top Ten Holdings	%
Manhattan Associates	3.5
Blackbaud	3.2
AptarGroup	3.1
CoreLogic	3.1
Choice Hotels Int'l	2.8
Fair Isaac Corp.	2.7
Morningstar	2.7
WEX	2.7
Bio-Techne	2.4
Columbia Sportswear	2.4

### **Portfolio Metrics**

Metrics	Russell 2000® Index	Total Portfolio
# of Holdings	2,010	56
Wtd. Avg. Mkt. Cap (billions)	\$2.0	\$3.3
Historical Earnings Growth	9%	6%
Forecasted Earnings Growth	12%	11%
Return on Equity	6%	16%
Price/Earnings (NTM)	18.5x	22.8x
Dividend Yield	1.3%	0.9%

## **Sector Exposure**



Source: FactSet. Sector weight percentages shown are percentages of total equities.



# **Current Portfolio Holdings**

As of June 30, 2017

### Sacramento Regional Transit District High Quality Small Cap

High Quality Small Cap

Russell 2000® Index

Sector

Ending Weight

Consumer Discretionary	14.7%	12.5%
Bright Horizons (BFAM)	1.3%	
Choice Hotels Int'l (CHH)	2.8%	
Columbia Sportsw ear (COLM)	2.4%	
Dorman Products (DORM)	2.1%	
Hibbett Sports (HIBB)	0.6%	
Monro Muffler Brake (MNRO)	1.0%	
Pool Corp. (POOL)	1.9%	
Sally Beauty Hldgs. (SBH)	1.8%	
Wolverine World Wide (WWW)	0.9%	
Consumer Staples	7.3%	2.7%
Casey's General Stores (CASY)	2.3%	
Inter Parfums (IPAR)	2.1%	
J&J Snack Foods Corp. (JJSF)	1.9%	
Lancaster Colony Corp. (LANC)	1.1%	
Energy	1.1%	3.6%
Dril-Quip (DRQ)	1.1%	
Financials	15.7%	18.1%
Artisan Partners (APAM)	1.1%	
IBERIABANK Corp. (IBKC)	1.7%	
Morningstar (MORN)	2.7%	
Navigators Group (NAVG)	1.8%	
Pinnacle Fin'l Partners (PNFP)	1.3%	
Prosperity Bancshares (PB)	1.5%	
RLI Corp. (RLI)	1.0%	

Health Care	7.2%	15.1%
Bio-Rad Labs (BIO)	1.7%	
Bio-Techne (TECH)	2.4%	
ICU Medical (ICUI)	1.3%	
Integra LifeSciences (IART)	1.8%	
Industrials	24.0%	14.6%
AAON (AAON)	1.1%	
Advisory Board Co. (ABCO)	1.3%	
Beacon Roofing Supply (BECN)	1.5%	
Exponent (EXPO)	2.3%	
Forward Air (FWRD)	1.8%	
Graco (GGG)	1.5%	
HEICO Corp. A (HEI.A)	2.0%	
Huron Consulting Group (HURN)	1.0%	
Kirby Corp. (KEX)	2.2%	
Knight Transportation (KNX)	2.0%	
Landstar System (LSTR)	1.7%	
Moog (MOG.A)	1.8%	
Raven Industries (RAVN)	1.4%	
UniFirst Corp. (UNF)	1.7%	
US Ecology (ECOL)	0.7%	

Information Technology	20.2%	17.1%
Blackbaud (BLKB)	3.2%	
Cass Information Sys (CASS)	1.1%	
CoreLogic (CLGX)	3.1%	
Fair Isaac Corp. (FICO)	2.7%	
Manhattan Associates (MANH)	3.5%	
National Instruments (NATI)	1.6%	
Pow er Integrations (POWI)	1.4%	
ScanSource (SCSC)	0.9%	
WEX (WEX)	2.7%	
Materials	5.2%	4.4%
AptarGroup (ATR)	3.1%	
Balchem Corp. (BCPC)	1.1%	
Stepan Co. (SCL)	1.0%	
Real Estate	1.2%	7.5%
Universal Health Realty (UHT)	1.2%	
Telecommunication Services	0.0%	0.9%
Utilities	0.0%	3.7%
Cash	3.5%	0.0%

Source: FactSet.



# **Investment Outlook & Strategy**

As of June 30, 2017

**High Quality Small Cap** 

### **Outlook**

- Low interest rates, positive economic growth, and generally solid corporate earnings drove small cap markets to all-time highs in the second quarter.
- The Russell 2000<sup>®</sup> Index, a measure of the small cap segment of the U.S. equity universe, gained +2.5% in the second quarter, with growth-oriented sectors outperforming value.
- As small cap markets continue to make new highs, underlying valuations remain stubbornly rich. In times like these, when many stocks in the universe look expensive, we believe it is critical to focus on a portfolio of high quality stocks that should participate if markets move higher, and protect if markets face performance challenges.

### **Portfolio Positioning**

- During the 2<sup>nd</sup> quarter, we sold one portfolio holding after it received an offer to be acquired for a premium. We did not initiate any new positions.
- At quarter end, the portfolio held 56 stocks representing nine of the eleven economic sectors in the Russell 2000<sup>®</sup>.
- Relative to the benchmark, the portfolio was overweight Industrials, Consumer Staples, Consumer Discretionary, and Technology.
- The portfolio was underweight Real Estate, Health Care, Financials, and Energy. There are no positions in Utilities or Telecom Services.



# **GIPS<sup>®</sup> Performance Information and Disclosure**

### High Quality Small Capitalization Composite (E7)

January 1, 2007 through June 30, 2017										
Period	Composite Gross Return (%)	Composite Net Return (%)	Russell 2000® Return (%)	Composite 3-yr Std. Dev. (%)	Russell 2000® 3-yr Std. Dev. (%)	Number of Portfolios	Internal Dispersion (%)	Composite Assets (\$mil)	Firm Assets (\$mil)	
2017(1)	5.31	4.90	4.99	12.10	15.17	52	0.14	1,529	18,907	
2016	19.00	18.07	21.31	12.69	15.76	53	0.19	1,544	17,646	
2015	5.12	4.29	-4.41	12.68	13.96	54	0.16	1,259	16,054	
2014	3.60	2.78	4.89	10.52	13.12	56	0.24	1,235	16,707	
2013	42.34	41.24	38.82	12.80	16.45	57	0.51	1,294	18,082	
2012	12.24	11.36	16.35	16.63	20.20	60	0.22	996	14,235	
2011	10.31	9.44	-4.18	21.88	24.99	60	0.25	1,023	11,964	
2010	25.98	24.99	26.86	24.41	27.69	49	0.19	737	9,845	
2009	27.17	26.18	27.17	21.69	24.83	36	0.34	639	7,748	
2008	-19.41	-20.06	-33.79	16.62	19.85	38	0.34	494	6,199	
2007	6.77	5.92	-1.57	10.66	13.17	37	0.25	551	8,828	

(1) Period- 01/01/2017 through 06/30/2017. Past performance does not predict or guarantee future results.

Atlanta Capital Management Company, LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS Standards. Atlanta Capital Management has been independently verified for the periods January 1, 1999 through December 31, 2016.

Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. The High Quality Small Capitalization Composite has been examined for the periods January 1,1999 through December 31, 2016. The verification and performance examination reports are available upon request.

Composite Description: The investment objective of this style is to seek long-term capital growth. Accounts in this composite invest in common stocks of companies having market capitalizations within the range of companies comprising the Russell 2000®. Management seeks to invest in quality companies in strong financial condition whose equities are priced below their estimate of fair value. Characteristics of high quality companies include a history of sustained growth in earnings and operating cash flow, high returns on capital, attractive profit margins and leading industry positions. Investments are determined based primarily on fundamental analysis of a company's financial trends, products and services, and other factors. Financial quality rankings provided by nationally-recognized rating services may be utilized as part of the investment analysis but are not solely relied upon. The portfolios are broadly diversified. All fully discretionary accounts that are managed in this style and do not pay a bundled or SMA wrap fee are eligible for inclusion in the composite.

Benchmark: The benchmark for this composite is the Russell 2000® Index. The Index includes the smallest 2000 companies in the Russell 3000® and is a widely accepted measure of the small-cap segment of the U.S. equity universe. The index is unmanaged and does not incur management fees, transaction costs or other expenses associated with managed accounts. It is not possible to directly invest in an index. Prior to July 1, 2005, the composite utilized two indexes as benchmarks, the Russell 2000® value index, the rationale being that the portfolio construction process produced both core and value characteristics. Our high quality investment philosophy tends to be defensive in nature and does consider valuation metrics, but it is more consistent with the philosophy and process of a core manager than a value manager. In order to clarify our philosophy and process for potential clients, we determined that it is most appropriate to benchmark our performance results against the Russell 2000® Index only. This change to the composite presentation was made as of July 1, 2005 and did not change the portfolio construction process.

Gross and Net Returns: Performance reflects reinvestment of all income and capital gains. Composite returns and market values are reported in U.S. dollars. Gross-of-fees performance returns are presented before management and custidal fees but after all trading expenses. Returns are presented net of withholding taxes. Net-of-fees performance returns are calculated by deducting the highest management fee of 0.80% from the monthly gross-of-fees returns. Other expenses client's returns. The annual fee schedule for this composite is as follows: 0.80% on the first \$50 million in assets; 0.70% on the next \$10 million. Actual management fees incurred by clients may vary.

**Dispersion:** The annual internal composite dispersion is calculated using the asset-weighted standard deviation of annual gross returns of those portfolios that were included in the composite for the entire year. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period.

Notes: The creation date of this composite is July 1992. Effective July 1, 2010, the composite was redefined to include both taxable and tax-exempt institutional accounts. The composite up to that time included only tax-exempt institutional accounts. The change provides increased transparency to prospective clients by reducing the number of separate composites maintained for this strategy. There has been no change in investment objective or management style. Clients or prospective clients should not assume that they will have an investment experience similar to that indicated by past performance results, as shown on the Schedule. Returns may vary based upon differences in account size, timing of transactions and market conditions at the time of investment. Performance during certain time periods reflects the strong stock market performance of stocks held during those periods. This performance is not typical and may not be repeated.

Firm Definition: Atlanta Capital Management Company, LLC (Atlanta Capital or the Firm) is an SEC-registered investment adviser located in Atlanta, Georgia. The Firm became a majority-owned subsidiary of Eaton Vance Corp. in 2001. Atlanta Capital operates as an independent subsidiary of Eaton Vance and provides professional investment advisory services to a broad range of institutional and individual clients, and sub-advisory investment management to mutual funds and separately managed sub-advisory account programs. Atlanta Capital includes all discretionary accounts under management in its composites; firm assets include nondiscretionary accounts as well. The Firm's list of composite descriptions and policies for valuing performance and preparing compliant presentations are available upon request. To request any additional information, please contact the Atlanta Capital Management Performance Department at 404-876-9411 or write to Atlanta Capital Management Company, LLC, 1075 Peachtree Street NE, Suite 2100, Atlanta, Georgia 30309, Attention Performance Department.

	Annualized Returns (%) for Periods Ending June 30, 2017							
Atlanta Capital High Quality Small Capitalization Composite	1 Year	3 Years	5 Years	7 Years	10 Years	Since Inception*	Since Inception*	
Composite Gross of Fees	15.78	11.23	15.68	17.32	12.08	12.85	2014.60	
Composite Net of Fees	14.87	10.35	14.78	16.40	11.20	11.95	1629.36	
Russell 2000® Index	24.60	7.36	13.70	14.35	6.92	9.48	885.35	

\*Inception date is April 1, 1992.

07.10.17



# REGIONAL TRANSIT ISSUE PAPER

Page 1 of 1

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
21	09/13/17	Retirement	Information	

Subject: Investment Performance Review by Boston Partners for the ATU, IBEW and Salaried Retirement Funds for the Domestic Large Cap Equity Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

### **ISSUE**

Investment Performance Review by Boston Partners for the ATU/IBEW and Salaried Retirement Funds for the Domestic Large Cap Equity Class for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

### RECOMMENDED ACTION

Information Only.

FISCAL IMPACT

None.

### DISCUSSION

Retirement funds are invested consistent with the Statement of Investment Objectives and Policy Guidelines (Policy) adopted by each Retirement Board (Board). The Board shall meet at least every eighteen (18) months with each investment manager to review the performance of its investment, the adherence to the Policy, and any material changes to its organization. The Policy also establishes the Retirement Funds' asset allocation policy and the asset classes in which the Plans funds are invested. The asset classes established by the Policy are (1) Domestic Large Capitalization Equity, (2) Domestic Small Capitalization Equity, (3) International Large Capitalization Equity, (4) International Small Capitalization Equity (5) International Emerging Markets, and (6) Domestic Fixed-Income.

Boston Partners is one of the Retirement Boards' Domestic Large Capital Equity fund managers. Boston Partners will be presenting performance results for the quarter ended June 30, 2017, shown in Attachment 1, and answering any questions.

Approved:	Presented:	
FINAL 08/28/17		
VP Finance/CFO	Senior Accountant	



September 13, 2017

**Boston Partners** Large Cap Value Equity

**Prepared for Sacramento Regional Transit District** 



Carolyn M. Margiotti, CFA Senior Portfolio Analyst cmargiotti@boston-partners.com +1 (415) 464-2882



# Who We Are

### A Focused Investment Organization

- One philosophy and investment process that has been in place for 30 years
- All established disciplines have outperformed their benchmark since inception
- 150 employees: Boston, New York, California, and London



\$91.5 Billion Assets Under Management\*

<sup>\*</sup> Data as of June 30, 2017.

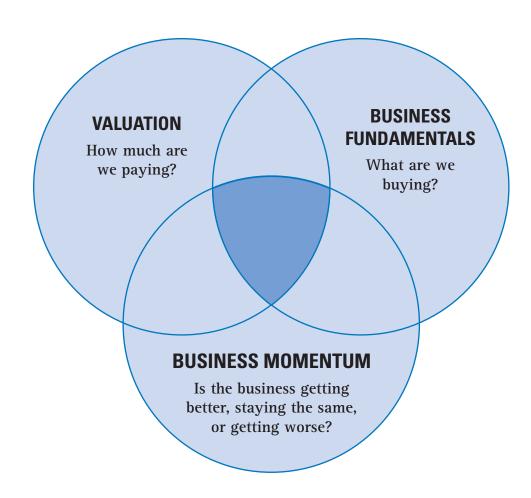
### "Three Circle" Stock Selection Criteria

### We buy stocks that exhibit:

- Attractive value characteristics and,
- Strong business fundamentals and,
- Catalyst for change

### We sell stocks based on:

- Valuation: Appreciation to price target or
- Weakening business fundamentals or
- Reversal of momentum

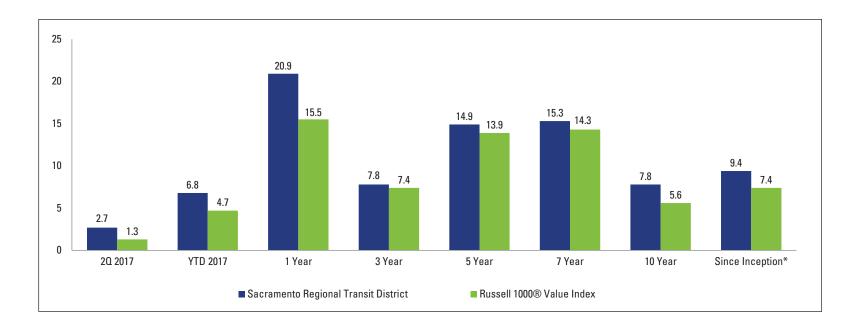


Portfolios with all three characteristics tend to outperform over time

Statement of Changes: Since Inception through June 30, 2017

Beginning Assets (6/29/05)	\$26.0 M
Net Cash Flows	(\$7.3 M)
Income Earned	\$7.4 M
Capital Appreciation	\$19.7 M
Ending Assets (6/30/17)	\$45.8 M

# Investment Performance through June 30, 2017



Annualized Performance (%)								
	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	10 Year	Since Inception*
Sacramento Regional Transit District	2.7	6.8	20.9	7.8	14.9	15.3	7.8	9.4
Russell 1000® Value Index	1.3	4.7	15.5	7.4	13.9	14.3	5.6	7.4
Relative Performance	1.4	2.1	5.4	0.4	1.0	1.0	2.2	2.0

<sup>\*</sup> Inception date is July 1, 2005.

Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

# **Boston Partners** Market Observations

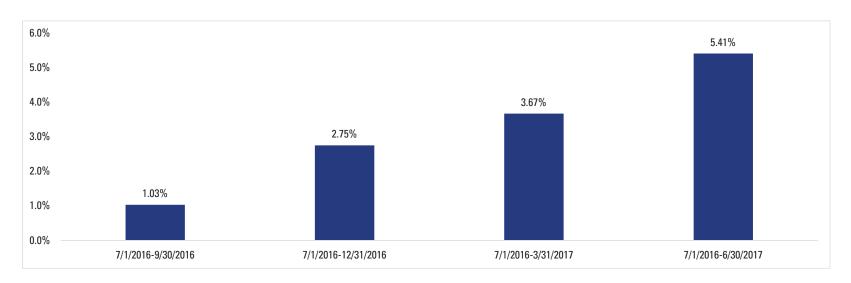
### As of June 30, 2017

- Large cap value performance has rebounded sharply
  - Boston Partners Large Cap Value has outperformed the Russell 1000® Value Index by over 5% gross of fees for trailing 1 year period
  - Four consecutive quarters of outperformance vs. Russell 1000® Value Index
  - Our preference for high quality, inexpensive equities with positive business momentum while shunning expensive Utilities, REITs and Consumer Staples has propelled the rebound
- Global economic outlook continues to present challenges for investors
  - Soft data (surveys) improve while hard data (statistics) level out
  - Normalization of Fed Policy raising rates and unwinding balance sheet shows confidence in economy while potentially slowing future growth
  - Wage inflation will continue to be a key metric going forward
- We remain cautious and disciplined in this environment of heightened valuations
  - Proliferation of ETFs and indexing has created some valuation discrepancies in the market
  - High dividend yield stocks continue to appear expensive despite recent underperformance
  - Companies generating strong and growing cash flow that make smart capital allocation decisions continue to offer excellent investment opportunities
    - Airlines
    - Pharmaceuticals
    - Corporate restructurings
      - HP Enterprises/HP Inc./DXC Technology
      - Dow/DuPont
  - Our time-tested, disciplined process has successfully navigated these difficult periods over the past 22 years

Discussions of securities returns and trends are not intended to be a forecast of future events or returns. The specific securities identified and described do not represent all of the securities purchased, sold or recommended for advisory clients. It should not be assumed that investments in these sectors or securities were or will be profitable. Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

# Large Cap Value Relative Performance vs. Russell 1000® Value Index

# The Rebound Since June 30, 2016



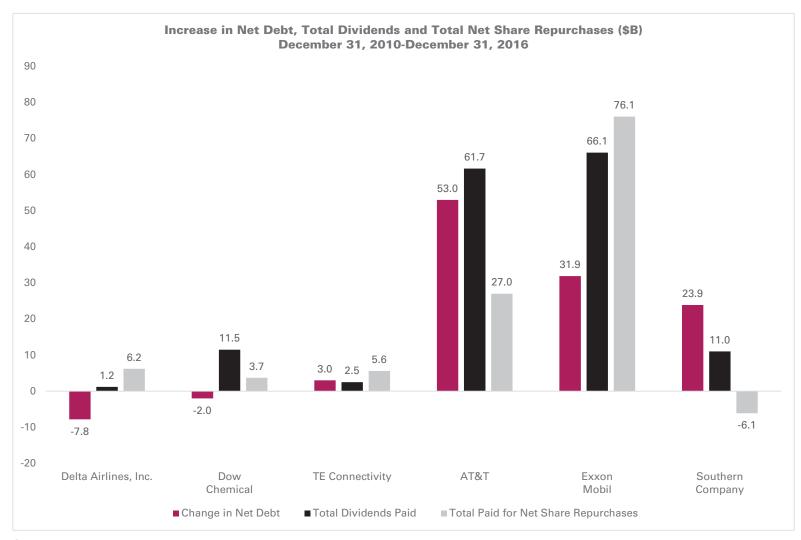
# Trailing Twelve Month Performance Impacted by 20'16 Low Vol Bubble



Source: Boston Partners.

Performance results are gross of fees. This information is supplemental to the GIPS® compliant presentation herein. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

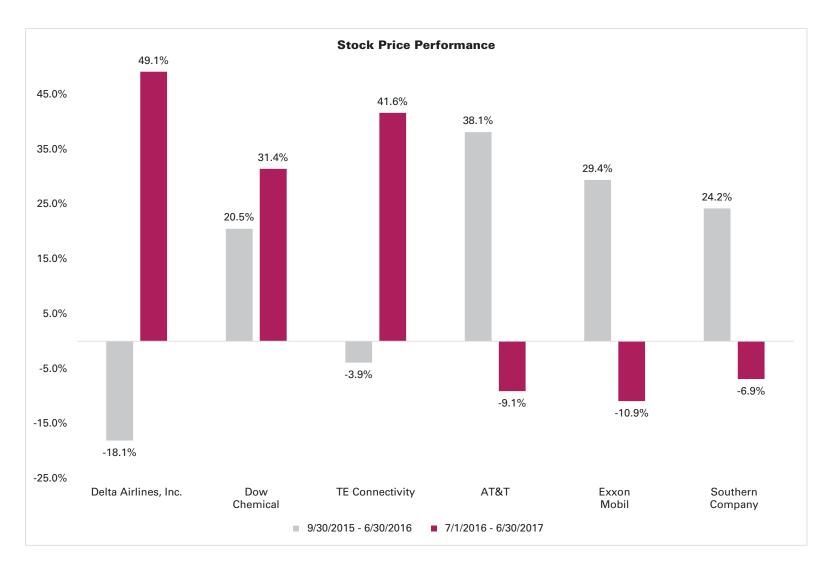
# Attractive Valuation & High Quality vs. Low Volatility Which Would you Choose?



Source: Factset.

Discussions of securities returns and trends are not intended to be a forecast of future events or returns. The securities identified and described do not represent all of the securities purchased, sold or recommended for advisory clients. It should not be assumed that an investment in these securities was or will be profitable. Past performance in not an indication of future results. Please refer to the appendix for other important disclosures.

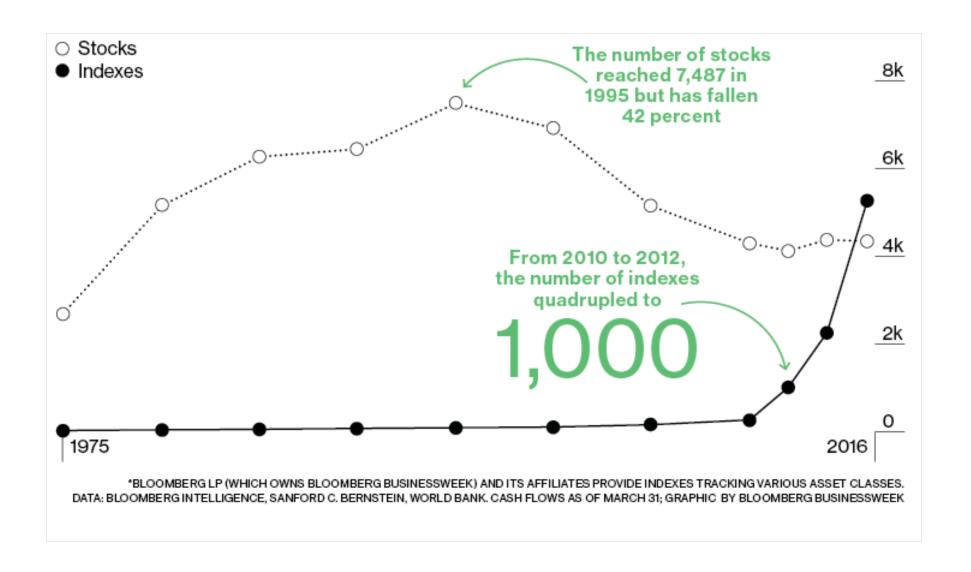
# Attractive Valuation & High Quality vs. Low Volatility Which Would you Choose?



Source: Bloomberg, Boston Partners.

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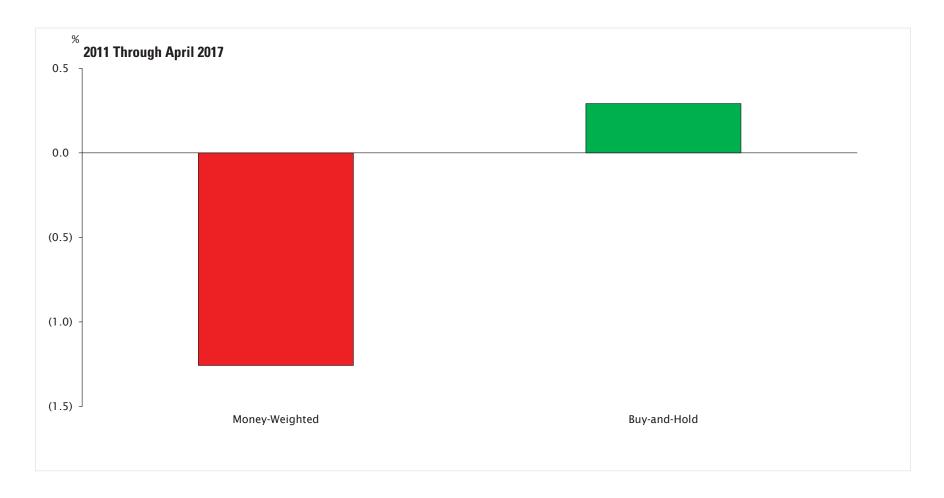
# The Rise of the Benchmark



Source: Bloomberg Intelligence, Sanford C. Bernstein, World Bank. Cash flows as of March 31, 2017; Graphic by Bloomberg BusinessWeek.

# ....And Investors Have Chased Them, Unsuccessfully

# U.S. Low-Volatility ETFs<sup>1</sup> Annualized Relative Returns<sup>2</sup>



Source: Empirical Research.

Calculation assumes all inflows or outflows occur in the middle of each quarter. Benchmark is the S&P 500 Index.

Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

<sup>&</sup>lt;sup>1</sup> Includes USMV, SPLV, and SPHD.

<sup>&</sup>lt;sup>2</sup> Money-weighted return approximates the return realized by actual investors, based on the timing of their allocations and withdrawals.

# Russell 1000® Value Index eVestment Rank

# January 1991 through December 2016

Top Quarti	ile 1 Year Rank	Subseq	uent Period eVestme	nt Rank	
Period	eVestment Rank	1 year	3 year	5 year	
4/92-3/93	14%	55%	58%	44%	
7/92-6/93	19%	84%	83%	45%	
10/92-9/93	23%	93%	82%	46%	
1/97-12/97	17%	43%	56%	70%	
4/97-3/98	22%	43%	67%	70%	
7/97-6/98	24%	42%	73%	73%	
1/06-12/06	15%	77%	88%	83%	
4/06-3/07	22%	75%	85%	85%	
10/11-9/12	23%	58%	56%	_	
4/12-3/13	18%	63%	59%	_	
Average	20%	63%	71%	65%	
1/16 - 12/16	24%	?	?	?	

### Index Rankings in Large Cap Value Universe as of June 30, 2017

	1 year	3 year	5 year	10 year	20 year	25 year
Russell 1000® Value Index	68	53	49	79	75	72

Data as of December 31, 2016.

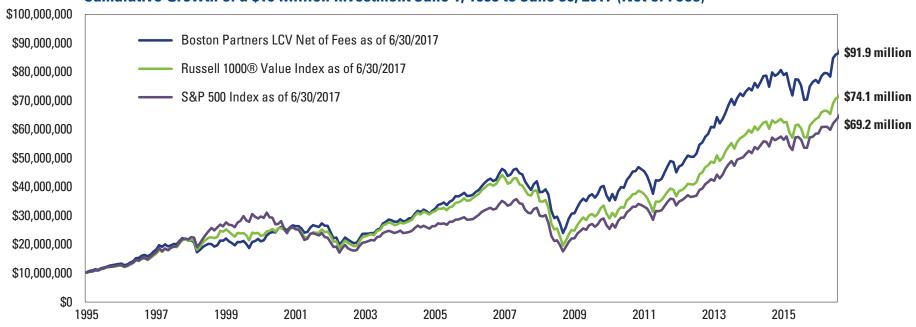
Source: eVestment Large Cap Value Universe quarterly observations.

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# The Case for Active Management

## **Boston Partners Large Cap Value Equity**

### **Cumulative Growth of a \$10 Million Investment June 1, 1995 to June 30, 2017 (Net of Fees)**

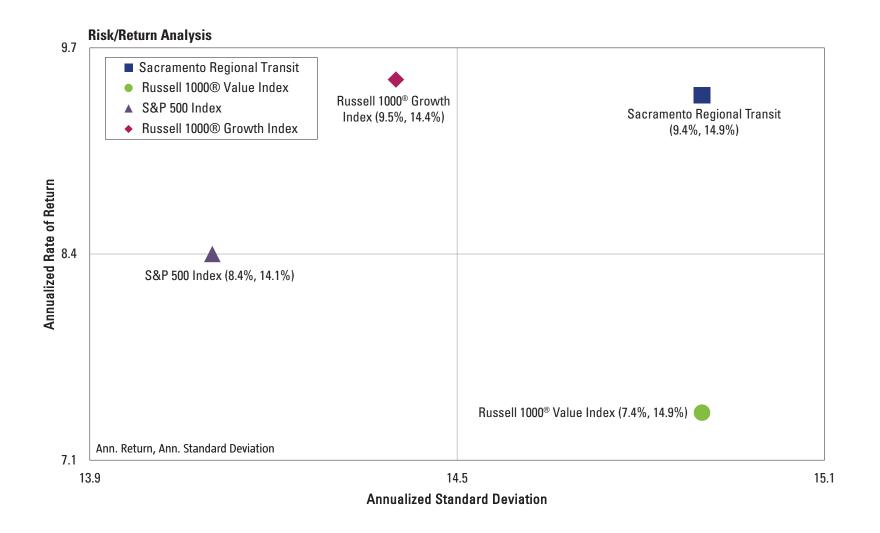


#### Index Rankings\* in Large Cap Value Universe as of June 30, 2017 25 year 1 year 3 year 5 year 10 year 20 year Boston Partners Large Cap Value 22 45 38 33 21 n/a Russell 1000® Value Index 68 53 49 79 75 72

compliant presentation herein. Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

<sup>\*</sup> Source: eVestment Large Cap Value Universe quarterly observations. Please refer to the previous page for the full eVestment disclosure. This is a hypothetical illustration of \$10 million had it been invested in the Boston Partners Large Cap Value representative account since inception on June 1, 1995. The results of this illustration may be changed depending on investment guidelines and cash flow. This illustration is net of investment management fees. This information is supplemental to the GIPS®

## Attractive Risk Adjusted Performance: Since Inception\* as of June 30, 2017

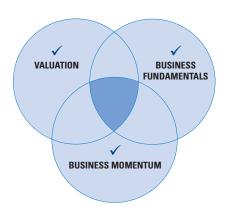


<sup>\*</sup> Inception data is July 1, 2005. Returns are gross of fees and calculated on a monthly basis. Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

Portfolio Characteristics: June 30, 2017

### "Three Circles"

An attractive valuation, strong business fundamentals, and positive business momentum. Portfolios with all three characteristics tend to outperform over time.



	Valuation			F	undamenta		
	Sacramento RTD	R1000® Value	S&P 500		Sacramento RTD	R1000® Value	S&P 500
P/E (FY0)	15.4x	16.6x	18.6x	OROA (5 Yr)	35.5%	27.0%	38.4%
P/E (FY1)	13.6x	15.1x	16.7x	ROE (5 Yr)	14.7%	10.8%	15.1%
FCF Yield*	3.8%	2.9%	2.9%	LT EPS Gr. Rt.	13.6%	10.9%	12.4%
			Business Mor	nentum			
				Sacramento RTD			
		with p	nt of companies ositive/neutral gs momentum	86%			

<sup>\*</sup> FCF Yield is reported as median excluding financials. Portfolio characteristics are subject to change. Please refer to the appendix for other important disclosures.

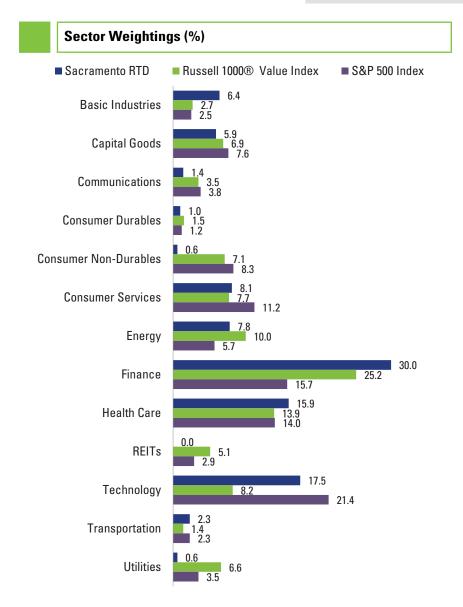
# Portfolio Characteristics: June 30, 2017

Largest Stock Holdings (%)	
JPMorgan Chase & Co.	5.0
Bank of America Corporation	4.6
Citigroup Inc.	3.7
Berkshire Hathaway Inc.	3.7
Johnson & Johnson	3.2
Wells Fargo & Company	2.5
Chevron Corporation	2.5
Merck & Co., Inc.	2.4
Apple Inc.	2.3
Cisco Systems, Inc.	2.2
Total	32.1%

### **Market Capitalization**

#### **Weighted Average**

Sacramento Regional Transit	\$141.9 B
Russell 1000® Value Index	\$108.9 B
S&P 500 Index	\$154.8 B



Sector information is included solely for illustrative purposes regarding economic trends and conditions, or investment processes; and the specific securities identified and described do not represent all of the securities purchased, sold or recommended for advisory clients. It should not be assumed that investments in these sectors or securities were or will be profitable. Please refer to the appendix for other important disclosures..

# **Boston Partners**Appendix

# Fund Flows have been to Areas of "Perceived Safety"

	Assets	YTD NCF	TTM NCF	
Equity MF	\$5.1 T	-\$43.7 B	-\$123 B	(Equity index funds are +\$5B)
Equity ETF	\$982 B	\$9.9 B	\$80 B*	

### **Equity ETF Fund Flows as of June 2016**

		Estimated No	et Flow (\$Mil)	)			
Name	1-Mo	QTD	YTD	1-Yr			
Vanguard 500 Index Fund	1,154	2,229	4,804	13,058			
iShares Edge MSCI Min Vol USA	858	2,684	6,230	8,304			
iShares Russell 1000 Value	646	1,095	(90)	2,694			
Vanguard Small Cap Value Index Fund	579	1,037	1,310	1,614			
iShares Core High Dividend	533	995	1,206	1,033			
iShares Select Dividend	423	460	644	47			
Vanguard High Dividend Yield Index Fund	421	869	2,043	2,751			
SPDR® S&P Dividend ETF	384	92	(488)	(126)			
PowerShares S&P 500® High Div Low Vol	317	852	1,351	1,412			
SPDR® Dow Jones Industrial Average ETF	272	(463)	(1,191)	672			
iShares S&P Mid-Cap 400 Value	252	319	507	583			
Schwab US Dividend Equity ETF™	249	519	512	991			
Vanguard Dividend Appreciation Index	234	441	919	562			
Vanguard Value Index Fund	206	1,308	2,201	2,965			
PowerShares S&P 500 Low Volatility Port	205	579	1,247	2,086			
First Trust Value Line® Dividend Fund	200	434	726	722			
iShares S&P 500 Value	197	339	940	1,809			
iShares Core S&P Total US Stock Mkt	182	328	1,037	1,623			
Guggenheim S&P 500® Equal Weight ETF	171	383	(384)	(1,374)			
Vanguard Small Cap Index Fund	167	546	756	1,541			
Vanguard Mid-Cap Value Index Fund	166	277	473	1,020			
iShares Core S&P Small-Cap	165	356	285	1,582			
Vanguard Large Cap Index Fund	162	815	893	1,510			
Schwab US Large-Cap ETF™	160	293	518	1,245			
ProShares S&P 500 Dividend Aristocrats	153	531	924	1,203			

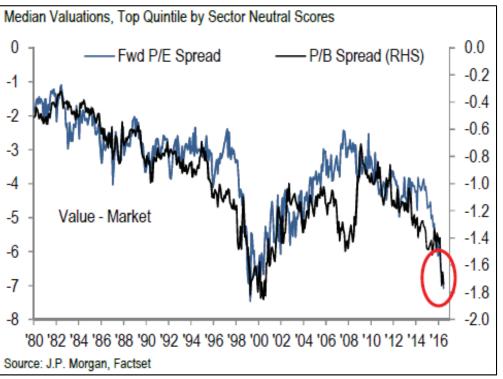
Source: Morningstar, Inc.

Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

# Low Volatility Bubble?

"Stable" stocks have been bid up to very expensive levels; meanwhile the cheapest quintile of the market trades at the largest discount since the Tech Bubble





Source: The Leuthold Group 2016, J.P. Morgan & Factset Research Systems, Inc.

Leuthold 3000 Index is a custom index by The Leuthold Group that includes the largest 3,000 U.S. exchange traded equities, including approximately 2,600 common stocks and 400 ADRs. The Index is weighted by a tiered based system by Leuthold. The Leuthold 3000 Low Volatility Index is the lowest decile (300 stocks) in terms of 12-month standard deviation of returns and is rebalanced monthly.

Market is defined as the S&P 500 in Chart 2.

Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

# **S&P 500 Sector Valuation**

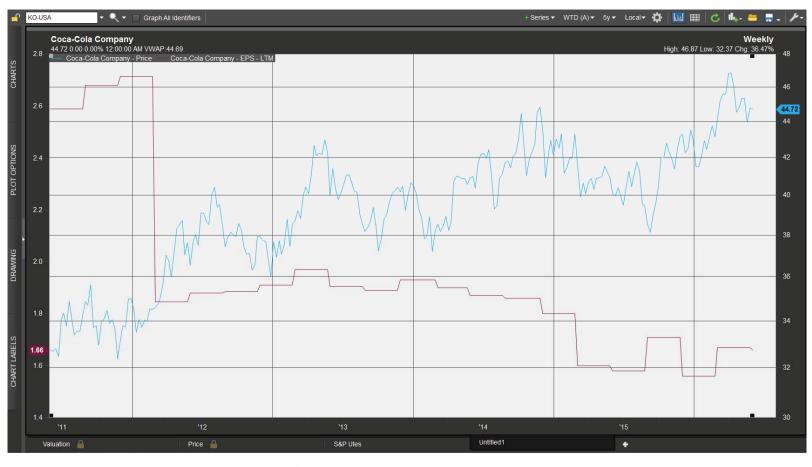
# Consumer Staples and Utilities Appear Overvalued



Data as of June 2016.

Source: Fundstrat Global Advisors.

# Negative Sales Growth and EPS Growth, but Coca-Cola Stock Moves Higher



	2011	2012	2013	2014	2015
Revenue	\$46,542	\$48,086	\$46,695	\$45,953	\$43,791
Y/Y Growth		3.3%	-2.9%	-1.6%	-4.7%
P/E TTM	19.0x	18.4x	21.7x	26.4x	25.7x

Source: Factset Research Systems, Inc..

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# **Boston Partners** Large Cap Value Performance

# September 1, 2015 — June 30, 2016

Dividend	Dividend Yield						
Group	R1000®V Return	BP Relative Weight	Relative Contribution to BP Return				
DY > 3%	19.5	-23.4	-2.31				
<b>DY</b> < 3%	<u>1.6</u>	+23.4	<u>-1.61</u>				
Total	8.9		-3.92				

• High dividend yield has led the market

P/E FY1			
Group	R1000®V Return	BP Relative Weight	Relative Contribution to BP Return
P/E > 13.1	17.6	-17.1	-1.28
P/E < 13.1	<u>-7.5</u>	+17.1	<u>-2.93</u>
Total	8.9		-4.21

• Low P/E has not been rewarded

Source: Factset Research Systems, Inc.

The information is supplemental to the GIPS® compliant presentation herein. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

Profile: June 30, 2017

	Investment Profile
•	Value equity expertise founded in the early 1980s*
•	Consistent and repeatable investment philosophy across all disciplines
•	Integrated bottom-up, fundamental and quantitative research
•	Expertise of a boutique with the depth of a global firm



# \$91.5 Billion Assets Under Management

Disciplines	Assets (\$ Millions)
Large Cap Value	\$31,255
Premium Equity (All Cap Value)	\$12,611
Mid Cap Value	\$23,326
Small Cap/Small Cap II/Small-Mid Cap	\$4,355
Domestic Long/Short	\$8,874
Global/International Equity	\$8,043
Global Long/Short	\$1,539
Emerging Markets Long/Short	\$184

<sup>\*</sup> Key investment professionals have worked together since the founding of Boston Partners in 1995 and years before at a prior firm, where the investment philosophy was established. Assets Under Management include: Boston Partners (\$90.2 B); WPG Partners (\$1.2 B); and Redwood (\$0.1 B).

### **Equity Investment Team**

### **Portfolio Management and Portfolio Research**

#### Mark Donovan, CFA

Large Cap Value Equity 36 years experience

#### David Pvle, CFA

Large Cap Value Equity 22 years experience

#### Martin MacDonnell, CFA

130/30 Large Cap Value 26 years experience

#### **Duilio Ramallo, CFA**

Premium Equity 22 years experience

#### Steven Pollack, CFA

Mid Cap Value 33 years experience

#### David Dabora, CFA

Small/SMID Value 30 years experience

#### **George Gumpert, CFA**

Small/SMID Value 18 years experience

#### Robert Jones, CFA

Long/Short Equity 29 years experience

#### Christopher Hart, CFA

Global, International, Global Long/Short 26 years experience

#### Joshua Jones, CFA

Global, International, Global Long/Short 13 years experience

#### Harry Rosenbluth, CFA

Senior Advisor 36 years experience

#### Joseph Feeney, Jr., CFA

Chief Investment Officer Long/Short Research 32 years experience

#### Paul Heathwood, CFA

Director of Portfolio Research 24 years experience

#### **Daniel Farren**

Senior Portfolio Analyst 23 years experience

#### John Forelli, CFA

Senior Portfolio Analyst 33 years experience

#### Carolyn Margiotti, CFA

Senior Portfolio Analyst 23 years experience

#### Michael McCune, CFA

Portfolio Analyst 23 years experience

#### **Brandon Smith, CFA, CAIA**

Portfolio Analyst 11 years experience

#### Michael Mullaney

Director of Global Markets Research 36 years experience

#### Christopher Eagan

Global Markets Analyst 32 years experience

### **Fundamental and Quantitative Research**

#### **Todd Knightly**

Director of Fundamental Research

#### Jessica Ballis, CFA

Retail, Apparel & Textiles

#### Brian Boyden, CFA

Healthcare Therapeutics, Property REITs

#### Scott Burgess, CFA

Technology

#### Lawrence Chan, CFA

Internet Services. Payment Services

#### David Cohen, CFA

Energy, Engineering & Construction

#### Paul Donovan, CFA

**Basic Industries** 

#### Kevin Duggan, CFA

Banks, Transportation

#### Trevor Frankel, CFA

Global Generalist

#### Volkan Gulen, CFA

Consumer Staples, Business Services, Media & Advertising

#### **David Hinton, CFA**

Small Cap Generalist

#### Tim Horan

Industrials, Building & Construction, Autos

#### Ross Klein, CFA

Long/Short Generalist

#### Paul Korngiebel, CFA Global Generalist

#### Stephanie McGirr

Health Care Services, Insurance, Restaurants

#### **Edward Odre, CFA**

Financial Services

#### Patrick Regan, CFA

Long/Short Generalist

#### Andrew Sherman, CFA

Utilities

#### Joshua White, CFA

Industrials Global Generalist

#### **Bruce Wimberly**

Long/Short Generalist

#### **Ronald Young, CFA**

Aerospace & Defense, Gaming & Lodging, Telecom & Cable

#### Eric Connerly, CFA

Director of Ouantitative Research

#### Jason Bartlett, CFA

Quantitative Strategies

#### Pete Cady

Quantitative Strategies

#### Leo Fochtman

**Quantitative Strategies** 

#### Rubina Moin

Quantitative Strategies

### Maggy Pietropaolo, CFA

Quantitative Strategies

#### Joseph Urick

Quantitative Strategies

#### Carissa Wong, CFA

**Ouantitative Strategies** 

### **Trading**

#### **Mark Kuzminskas**

Director of Equity Trading

### **Christopher Bowker**

Senior Equity Trader

#### **Thomas Walsh**

Senior Equity Trader

#### **Matthew Ender**

**Equity Trader** 

### Ian Sylvetsky

Equity Trader

### **Christopher Spaziani**

**Equity Trading Assistant** 

### Value Equity Investment Philosophy: Three Core Principles

### **Value Discipline anchored in Three "Fundamental Truths":**

- Low valuation stocks outperform high valuation stocks
- Companies with strong fundamentals (high returns on invested capital) outperform companies with poor fundamentals
- Stocks with positive business momentum (improving trends/rising earnings) outperform stocks with negative momentum

### "Characteristics-Based" Investment Approach:

• Valuation, fundamentals and momentum are analyzed using a bottom-up blend of qualitative and quantitative inputs

### **Preservation of Capital:**

- Laws of compounding mathematically dictate that protecting capital is the only risk that matters
- "Win by not losing": Keep pace in rising markets, outperform in falling markets and diversify your exposure

# Your Boston Partners Team

# Biographical and Contact Information for Sacramento Regional Transit District Relationship

Mark E. Donovan, CFA Co-Chief Executive Officer and Lead Portfolio Manager mdonovan@boston-partners.com +1 (617) 832-8246	Mr. Donovan is Co-Chief Executive Officer of Boston Partners and lead portfolio manager for BP Large Cap Value portfolios. He is responsible for strategic and tactical operating decisions affecting the firm. He was one of the founding partners of Boston Partners Asset Management in 1995. He joined the firm from The Boston Company where he was Senior Vice President and equity portfolio manager. He also spent five years as a consulting associate with Kaplan, Smith & Associates, and two years as a securities analyst for Value Line Inc. Mr. Donovan holds a B.S. degree in management from Rensselaer Polytechnic Institute. He holds the Chartered Financial Analyst® designation. He has thirty-six years of investment experience.
David J. Pyle, CFA Portfolio Manager dpyle@boston-partners.com +1 (415) 464-2892	Mr. Pyle is a portfolio manager for Boston Partners Large Cap Value portfolios. Prior to assuming this role, he was a research analyst covering the utility, insurance, leisure & lodging, packaging, publishing, and computer equipment & services sectors. Mr. Pyle joined the firm from State Street Research where he was a research analyst and associate portfolio manager in their equity value group. Prior to that, he spent five years with Price Waterhouse. Mr. Pyle holds a B.S. degree in business administration from California State University, Chico, and an M.B.A. degree from the Kenan-Flagler School of Business at the University of North Carolina. Mr. Pyle holds the Chartered Financial Analyst® designation. He has twenty-two years of investment experience.
Carolyn M. Margiotti, CFA Senior Portfolio Analyst cmargiotti@boston-partners.com +1 (415) 464-2882	Ms. Margiotti is a senior portfolio analyst for Boston Partners and has extensive experience with all of the firm's strategies. She joined the firm in 2005 from PG&E Corporation where she was manager of investments for the company's more than \$12 billion in pension, 401(k), and taxable trust assets. Ms. Margiotti holds a B.S. degree from Purdue University and an M.B.A. degree from the University of San Francisco, McLaren School of Business. Ms. Margiotti is a member of the Financial Women's Association of San Francisco and has served as an adjunct professor at the University of San Francisco and as an instructor for the CFA review program. She holds the Chartered Financial Analyst® designation, FINRA licenses 7 and 63, and has twenty-three years of industry experience.
Kristin Butner Client Service Associate kbutner@boston-partners.com +1 (213) 687-1676	Ms. Butner is a Client Service Associate at Boston Partners. She works with many of our key domestic and internationally focused clients. Prior to joining the firm in 2017, she was a Client Service Manager with Institutional Shareholder Services. She holds a B.A. degree in liberal arts from the University of Oklahoma. Ms. Butner has two years of industry experience.

# **Investment Guidelines and Objectives**

Performance Objectives	Over a minimum time horizon of three years, achieve a net of fee return that exceeds the Russell 1000® Value Index and a gross of fee return that ranks in the top half of a comparative universe of large cap value managers  Investable Universe						
	✓ International equity instruments* which trade on U.Sbased exchanges, including ADRs						
	✓ S&P 500 Stock Index Futures to obtain low cost temporary equity market exposure (not to be used to provide leveraged equity market exposure). Futures transactions must be completed on a major U.S. exchange which guarantees contract compliance						
	✓ No stock options, short sales, purchases on margin, letter stocks, private placement securities or commodities						
Guidelines	✓ No investment in securities issued by companies in the Tobacco Sub-Industry as defined by the Global Industry Classification Standards (GICS), subject to the prudent investor rule as set forth in Article XVI Section 17 of the California Constitution						
	Diversification						
	✓ Investment in the securities of a single issuer shall not exceed 5% (at cost) of the portfolio						
	✓ Investment in the securities of a single issuer shall not exceed 5% of the company's total outstanding shares						
	✓ No individual economic sector will represent more than 35% of the portfolio (BP)						
	✓ No single industry shall represent more than 25% (at cost) of the portfolio market value						
	✓ International equity instruments and ADR's will not comprise more than 5% of the total portfolio (at cost)						
	✓ Cash shall not exceed 10% of the portfolio market value						

<sup>\*</sup> International Equity Security (Non-U.S.) - refers to an issue of an entity, which is not organized under the laws of the United States and does not have its principal place of business within the United States.

# Constructing Your Total Portfolio - Large Cap Value Equity

### Portfolio Characteristics Consistent with the Fundamental Truths

### **Bottom-Up Research**

Minimum market cap \$2B



### **Position Sizing**

- % Upside
- Level of conviction
- Timing of catalyst
- Liquidity

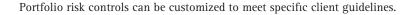


### **Portfolio Construction**

- 70 100 Securities
- Build portfolio stock by stock
- Focus on attractive characteristics
- Opportunistic investment across industries and sectors



- Maximum position size: greater of 5% or benchmark weighting +1%
- Maximum sector weight 35%
- Typically cash < 5%
- Compliance and Risk Committee oversight



### Stock Selection Process

### Quantitative **Analysis**

#### **Investment Universe**

- Statistical ranking based on composite score of three factors:
  - Valuation: Multiples of earnings, cash flow, book value
  - Momentum: Earnings surprise and estimate revisions
  - Fundamentals: Operating returns on operating assets (OROA)
- Target Rich Environment

### **Fundamental Analysis**

### **Validate Positive Characteristics**

FactSet: Historical financial statements, ratios, stock performance, earnings revisions

- Valuation:
  - How much are we paying?
  - EV to Sales, Px to Earnings, EV to Cash flow, Px to Book, etc.
- Momentum: Is the business improving or deteriorating?
  - Trend analysis: Profit margins, asset turnover, working capital, debt structure
- Business Fundamentals: What are we buying?
  - Sales and earnings growth, profitability, liquidity, capital structure, intangible assets, ROIC/OROA

### **Fundamental Research**

**Identify Catalyst** 

- 10-Ks, 10-Qs, SEC filings
- Press releases. Conference call transcripts, Street events
- Management interviews
- On-site company visits
- Third-party research
- Internal models/ projections
- Channel/supplier checks

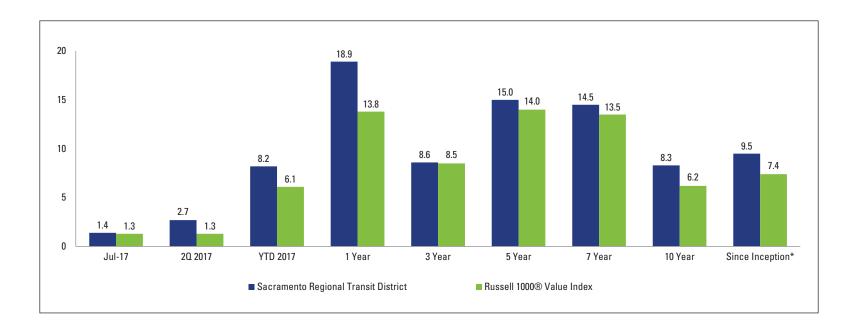
### **Determine Appropriate** Valuation

**Set Target Price** 

### Investment **Decision**

- Construct portfolio
- Monitor existing holdings
- Evaluate company/ industry developments
- Review/Adjust target prices

# Investment Performance through July 31, 2017



Annualized Performance (%)											
	July 2017	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	10 Year	Since Inception*		
Sacramento Regional Transit District	1.4	2.7	8.2	18.9	8.6	15.0	14.5	8.3	9.5		
Russell 1000® Value Index	1.3	1.3	6.1	13.8	8.5	14.0	13.5	6.2	7.4		
Relative Performance	0.1	1.4	2.1	5.1	0.1	1.0	1.0	2.1	2.1		

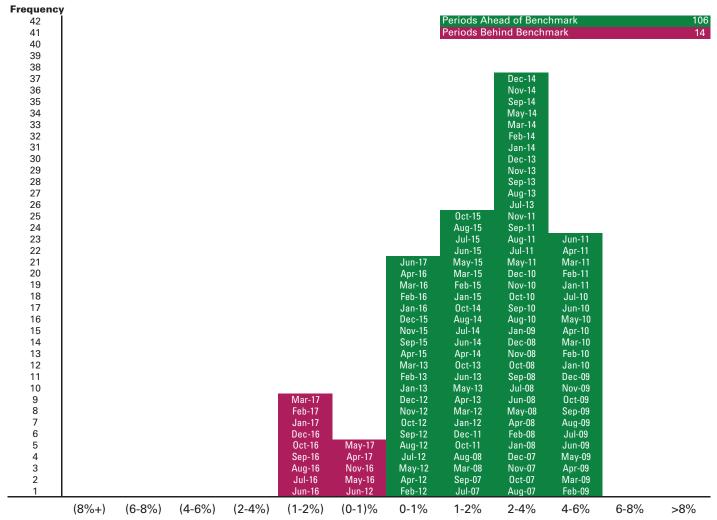
<sup>\*</sup> Inception date is July 1, 2005.

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# Tilting the Probabilities in Your Favor — The Results

# Distribution of Rolling Three-Year Excess Returns as of June 30, 2017

### **Boston Partners Large Cap Value Equity**



**Relative Performance in percentage points** 

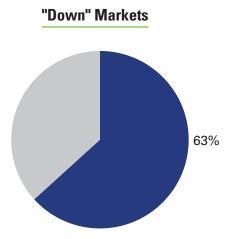
The chart reflects a ten-year time period.

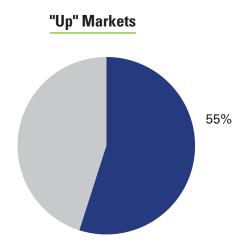
Relative performance of the BP Large Cap Value is versus the Russell 1000® Value Index. Returns reflect composite results and individual portfolio results may vary. This information is supplemental to the GIPS® compliant presentation herein. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

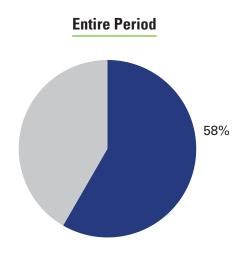
# **Boston Partners** Large Cap Value Equity

## Performance Traits throughout the Market's Cycles

### **Large Cap Value Equity Has Preserved Capital and Compounded Returns for Favorable 10-Year Performance**







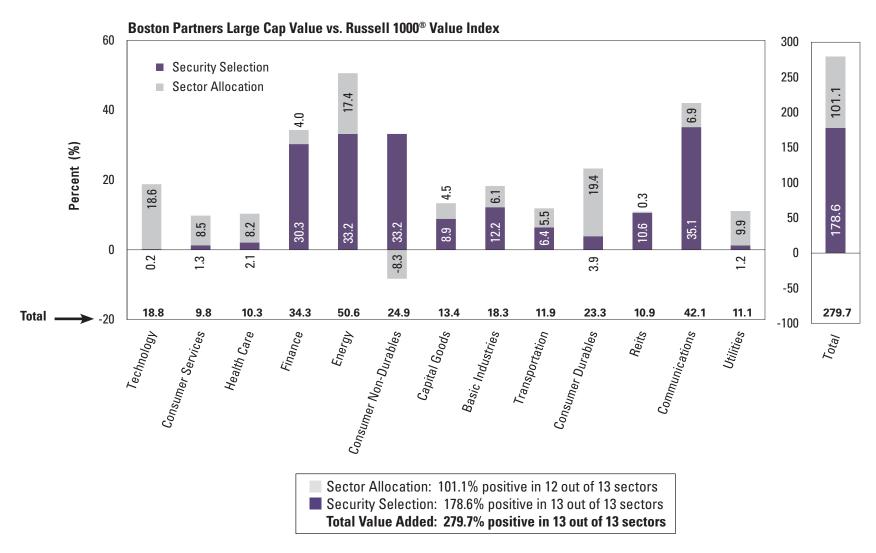
- Percentage of the time that Large Cap Value Equity Composite has outperformed the Russell 1000® Value Index
- There have been 49 months in which the market has produced a negative return.
- Composite has outperformed the Index 63% of the time.
- There have been 71 months in which the market has produced a positive return.
- Composite has outperformed the Index 55% of the time.
- The entire period is 120 months.
- Composite has outperformed the Index 58% of the time.

Data as of June 30, 2017 for 10-year period.

Returns reflect composite results and individual portfolio results may vary. This information is supplemental to the GIPS® compliant presentation herein. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

# **Boston Partners** Large Cap Value Equity

Performance Attribution: June 1, 1995 through June 30, 2017



Sectors are sorted from largest (+) overweight sector to largest (-) underweight sector relative to benchmark. Overweights and underweights represent averages over entire attribution period. Attribution is calculated using end of day security prices and returns shown are equity only and exclude cash. Results are from a representative account in the composite and are gross of fees. Individual portfolio results may vary. The information is supplemental to the GIPS® compliant presentation herein. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

# **Boston Partners** Large Cap Value Equity

# Investment Performance through June 30, 2017

### **Annualized Performance (%)**

	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	10 Year	Since Inception*
Large Cap Value - Gross of Fees	2.69	6.89	20.94	7.65	14.66	15.08	7.63	10.95
Large Cap Value - Net of Fees	2.61	6.73	20.58	7.32	14.27	14.66	7.25	10.56
Russell 1000® Value Index	1.34	4.66	15.53	7.36	13.94	14.31	5.57	9.49
S&P 500 Index	3.09	9.34	17.90	9.61	14.63	15.41	7.18	9.15

### **Calendar Year Performance (%)**

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Large Cap Value - Gross of Fees	14.74	-4.08	11.85	37.14	21.27	1.29	13.75	26.75	-32.95	5.14
Large Cap Value - Net of Fees	14.40	-4.37	11.49	36.64	20.66	0.82	13.36	26.30	-33.17	4.80
Russell 1000® Value Index	17.34	-3.83	13.45	32.53	17.51	0.39	15.51	19.69	-36.85	-0.17
S&P 500 Index	11.96	1.38	13.69	32.39	16.00	2.11	15.06	26.46	-37.00	5.49

<sup>\*</sup> Inception date is June 1, 1995.

Boston Partners has prepared and presented this report in compliance with the GIPS®. Returns reflect composite results and individual portfolio results will vary. Past performance is not an indication of future results. Please refer to the appendix for other important disclosures.

Performance (%)

Russell 3000® Value Index

Mid Cap Value - Gross of Fees

Mid Cap Value - Net of Fees

Russell Midcap® Value Index

Small/Mid Cap Value -

Small/Mid Cap Value -

Russell 2500™ Index

Russell 2500™ Value Index

S&P 500 Index

**Gross of Fees** 

**Net of Fees** 

## Equity Investment Performance through June 30, 2017

1.29

3.09

2.16

2.07

1.37

2.02

1.86

0.32

2.13

4.32

9.34

6.74

6.57

5.18

4.18

3.85

1.95

5.97

16.21

17.90

19.27

15.93

25.65

24.84

18.36

19.84

7.32

9.61

10.33

7.46

7.89

6.21

6.93

13.89 14.24

14.63 15.41

15.14 15.29

15.27 15.13

7.17 14.50 14.32 7.49

13.69 14.10

14.04 14.78

17.73

19.68 10.70 17.90 18.31 11.01

17.44

	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	10 Year	Since Inception*	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Large Cap Value - Gross of Fees	2.69	6.89	20.94	7.65	14.66	15.08	7.63	10.95	14.74	-4.08	11.85	37.14	21.27	1.29	13.75	26.75	-32.95	5.14
Large Cap Value - Net of Fees	2.61	6.73	20.58	7.32	14.27	14.66	7.25	10.56	14.40	-4.37	11.49	36.64	20.66	0.82	13.36	26.30	-33.17	4.80
Russell 1000® Value Index	1.34	4.66	15.53	7.36	13.94	14.31	5.57	9.49	17.34	-3.83	13.45	32.53	17.51	0.39	15.51	19.69	-36.85	-0.17
S&P 500 Index	3.09	9.34	17.90	9.61	14.63	15.41	7.18	9.15	11.96	1.38	13.69	32.39	16.00	2.11	15.06	26.46	-37.00	5.49
130/30 Large Cap Value - Gross of Fees	2.71	7.86	22.53	8.51	15.86	15.98	8.36	8.92	14.05	-3.69	14.52	38.71	21.67	2.06	12.90	25.46	-29.44	3.51*
130/30 Large Cap Value - Net of Fees	2.65	7.73	22.25	8.27	15.62	15.72	7.89	8.42	13.79	-3.90	14.31	38.46	21.40	1.82	12.37	24.24	-30.16	2.66*
Russell 1000® Value Index	1.34	4.66	15.53	7.36	13.94	14.31	5.57	6.03	17.34	-3.83	13.45	32.53	17.51	0.39	15.51	19.69	-36.85	0.13*
Premium Equity - Gross of Fees	2.95	8.34	22.35	10.46	16.84	16.00	9.47	13.33	15.73	1.71	13.22	39.73	16.27	-1.01	14.78	33.16	-26.62	2.49
Premium Equity - Net of Fees	2.81	8.04	21.65	9.86	16.23	15.39	8.89	12.77	15.08	1.15	12.65	39.04	15.72	-1.55	14.18	32.45	-27.05	2.01

5.59

7.18

10.39

7.23

8.31

6.52

7.42

9.53

9.15

13.82

13.13

11.58

11.75

10.93

10.31

9.72

18.40

11.96

16.29

15.90

20.00

25.35

25.20

17.59

24.51 -3.71

1.38

2.49

-3.06

-5.49

-2.90

-4.13 | 12.70 | 32.69 | 17.55

-4.78 | 14.75 | 33.46 | 18.51

5.34

7.11

7.07

13.69 32.39 16.00

14.37 41.04 19.78

14.00 40.48 18.90

33.32 19.21

Boston Partners has prepared and presented this report in compliance with the GIPS®. Returns reflect composite results and individual portfolio results will vary. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

-1.01

-7.27

-0.10 | 16.23 | 19.76 | -36.25

1.68 24.79 42.04 -31.84 6.24

15.06 | 26.46 | -37.00 | 5.49

23.93 41.13 -32.36 5.57

24.75 | 34.21 | -38.45 | -1.42

-31.99

2.11

0.88

-1.38

35.33 | 23.97 | -1.57 | 18.07 | 43.89 | -30.65 | -6.69

34.37 23.08 -2.31 17.05 42.69 -31.31 -7.53

-3.36 | 24.82 | 27.67

36.80 | 17.88 | -2.51 | 26.71 | 34.38 | -36.79 | 1.38

<sup>\*</sup> Inception dates are as follows: Large Cap Value is June 1, 1995; 130/30 Large Cap Value is March 1, 2007; Premium Equity is June 1, 1995; Mid Cap Value is May 1, 1995; and Small/Mid Cap Value is April 1, 1999.

# Equity Investment Performance through June 30, 2017 (continued)

Performance (%)																		
	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	10 Year	Since Inception*	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Small Cap Value - Gross of Fees	2.27	3.11	25.22	7.09	14.78	14.83	8.70	13.53	25.63	-3.77	4.76	35.27	22.85	-2.13	22.50	44.74	-30.18	-5.18
Small Cap Value - Net of Fees	2.09	2.73	24.29	6.26	13.89	13.92	7.81	12.62	24.69	-4.53	3.93	34.21	21.85	-2.93	21.45	43.49	-30.82	-6.00
Russell 2000® Value Index	0.67	0.54	24.86	7.02	13.39	13.50	5.92	10.32	31.74	-7.47	4.22	34.52	18.05	-5.50	24.50	20.56	-28.92	-9.78
Russell 2000® Index	2.46	4.99	24.60	7.36	13.70	14.35	6.92	9.03	21.31	-4.41	4.89	38.82	16.35	-4.18	26.85	27.16	-33.79	-1.56
Small Cap Value Equity II - Gross of Fees	2.13	2.51	24.81	8.09	15.43	15.25	8.73	12.87	27.35	-3.27	5.35	36.53	24.54	-2.29	20.32	49.82	-33.80	-5.71
Small Cap Value Equity II - Net of Fees	1.90	2.05	23.70	7.09	14.37	14.14	7.65	11.70	26.21	-4.19	4.37	35.28	23.42	-3.45	19.09	48.31	-34.53	-6.77
Russell 2000® Value Index	0.67	0.54	24.86	7.02	13.39	13.50	5.92	8.44	31.74	-7.47	4.22	34.52	18.05	-5.50	24.50	20.56	-28.92	-9.78
Long/Short Equity - Gross of Fees	-3.09	-2.94	10.37	6.33	9.36	13.13	12.91	13.50	25.71	1.15	7.16	10.37	15.40	8.68	29.54	85.95	-20.03	-1.71
Long/Short Equity - Net of Fees	-3.33	-3.42	9.10	5.18	8.16	11.75	11.20	10.85	24.03	0.17	6.04	9.17	14.06	7.39	26.55	81.74	-21.71	-3.77
S&P 500 Index	3.09	9.34	17.90	9.61	14.63	15.41	7.18	6.77	11.96	1.38	13.69	32.39	16.00	2.11	15.06	26.46	-37.00	5.49
Long/Short Research - Gross of Fees	1.28	4.32	10.37	5.71	10.07	10.52	7.90	8.07	5.21	3.02	8.68	19.70	14.73	5.35	9.33	18.67	-8.46	9.85
Long/Short Research - Net of Fees	0.97	3.69	9.02	4.41	8.71	9.16	6.57	6.74	3.91	1.74	7.34	18.23	13.32	4.05	7.98	17.22	-9.60	8.49
S&P 500 Index	3.09	9.34	17.90	9.61	14.63	15.41	7.18	7.19	11.96	1.38	13.69	32.39	16.00	2.11	15.06	26.46	-37.00	5.49

Boston Partners has prepared and presented this report in compliance with the GIPS®. Returns reflect composite results and individual portfolio results will vary. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

<sup>\*</sup> Inception dates are as follows: Inception dates are as follows: Small Cap Value is July 1, 1995; Small Cap Value Equity II is July 1, 1998; Long/Short Equity is August 1, 1997; and Long/Short Research is April 1, 2002.

# Equity Investment Performance through June 30, 2017 (continued)

Performance (%)	erformance (%)														
	20 2017	YTD 2017	1 Year	3 Year	5 Year	7 Year	Since Inception <sup>1</sup>	2016	2015	2014	2013	2012	2011	2010	2009
Global Equity - Gross of Fees	3.98	10.03	19.88	7.18	14.09	14.41	8.36	9.47	1.89	5.54	35.12	17.26	-1.77	13.46	29.62
Global Equity - Net of Fees	3.79	9.63	19.00	6.38	13.24	13.54	7.53	8.65	1.11	4.74	34.11	16.37	-2.55	12.56	28.60
MSCI World Index	4.21	11.02	18.86	5.83	12.01	12.00	6.34	8.15	-0.32	5.50	27.37	16.53	-5.01	12.34	30.79
MSCI ACWI Index	4.45	11.82	19.42	5.40	11.14	11.07	5.83	8.49	-1.84	4.71	23.45	16.78	-6.87	13.20	35.41
International Equity - Gross of Fees	6.43	13.14	20.19	2.95	11.36	11.25	4.57	0.76	3.54	-3.65	31.47	18.67	-6.20	10.63	27.88
International Equity - Net of Fees	6.24	12.74	19.33	2.19	10.54	10.42	3.77	0.01	2.77	-4.37	30.51	17.79	-6.90	9.73	26.87
MSCI EAFE Index	6.37	14.23	20.83	1.61	9.18	8.40	2.89	1.51	-0.39	-4.49	23.29	17.90	-11.75	8.21	32.46
MSCI ACWI Ex US Index	4.81	13.18	19.65	0.89	7.46	6.97	2.37	5.01	-5.25	-3.44	15.78	17.39	-13.33	11.60	42.14
Global Long/Short - Gross of Fees	0.78	3.10	6.77	6.02	_	_	7.39	4.34	8.73	4.36	8.96 <sup>1</sup>	_	_	_	_
Global Long/Short - Net of Fees	0.28	2.08	4.66	3.97	_	_	5.37	2.28	6.59	2.55	8.02 <sup>1</sup>	_	_	_	_
MSCI World Index	4.21	11.02	18.86	5.83	_	_	10.27	8.15	-0.32	5.50	17.08¹	_	_	_	_
Emerging Markets Long/Short - Gross of Fees	5.44	15.94	20.52	_	_	_	8.40	8.08	-3.67 <sup>1</sup>	_	_	_	_	_	_
Emerging Markets Long/Short - Net of Fees²	4.93	14.75	17.95	_	_	_	6.03	5.69	-5.47¹	_	_	_	_	_	_
MSCI Emerging Markets Index	6.38	18.59	24.15	_	_	_	3.74	11.59	-17.67 <sup>1</sup>	_	_	_	_	_	_

Boston Partners has prepared and presented this report in compliance with the GIPS®. Returns reflect composite results and individual portfolio results will vary. Returns are shown in USD. Past performance is not an indication of future results. Please refer to the last appendix for other important disclosures.

<sup>&</sup>lt;sup>1</sup> Inception dates are as follows: Global Equity USA is July 1, 2008; International Equity is July 1, 2008; Global Long/Short Equity is July 1, 2013; and Emerging Markets Long/Short Equity is March 1, 2015.

<sup>&</sup>lt;sup>2</sup> Net of fees is calculated using a model fee of 2.25% annually calculated on a month-end basis.

## Performance Disclosures

Boston Partners Global Investors, Inc. ("Boston Partners") is an Investment Adviser registered with the Securities and Exchange Commission under the Investment Advisers Act of 1940. Boston Partners is a subsidiary of Robeco Groep N.V. ("Robeco"), a Dutch investment management firm headquartered in Rotterdam, the Netherlands. Boston Partners updated its firm description as of January 1, 2015 to reflect changes in its divisional structure. Boston Partners is comprised of three divisions, Boston Partners, Weiss, Peck & Greer Partners ("WPG"), and Redwood Equity ("Redwood").

Boston Partners claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS® standards. Boston Partners has been independently verified for the periods 2007 through 2015. Verification assesses whether (1) the Firm has complied with all the composite construction requirements of the GIPS® standards on a firm-wide basis and (2) the Firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS® standards.

The composites have been examined per the following periods: Boston Partners Large Cap Value Equity, 1995 to 2015; Boston Partners Alpha Extension Large Cap Value Equity, 2012 to 2015; Boston Partners Premium Equity, 1995 to 2015; Boston Partners Mid Cap Value Equity, 1995 to 2006 and 2010 to 2015; Boston Partners Small/Mid Cap Value Equity, 1999 to 2015; Boston Partners Small Cap Value Equity, 1995 to 2015; Boston Partners Small Cap Value II Equity, 1998 to 2015; Boston Partners Long/ Short Research, 2011 to 2015; Boston Partners Global Equity II, 2012 to 2015; Boston Partners International Equity II, 2008 to 2015; Boston Partners Global Long/Short, 2013 to 2015. The verification and performance examination reports are available upon request.

Past performance is not indicative of future results. This document is not an offering of securities nor is it intended to provide investment advice. It is intended for information purposes only.

#### **Composite Construction(s)**

Performance results attained at Boston Partners have been linked to the results achieved at BPAM beginning on January 1, 2007 in compliance with the GIPS® standards on performance record portability. Composites include all separately managed and commingled vehicles, fully discretionary, fee-paying accounts under management with a similar investment mandate and an account market value greater than \$1 million with the exception of Boston Partners Small Cap Value Equity and Small Cap Value II Equity which have an account market value greater than \$5 million. Prior to January 1, 2007 the minimum account size for inclusion in the composite was \$5 million. The composites contain proprietary assets.

The inception and creation date of the Boston Partners Large Cap Value Equity composite is June 1, 1995. The strategy is composed of securities with market capitalizations primarily greater than \$3 billion and is benchmarked against the S&P 500 Index and the Russell 1000® Value Index. Prior to December 1, 1995, there was no minimum market value requirement for inclusion in the Boston Partners Large Cap Value Equity composite. Accounts that did not meet the newly established minimum balance requirement were removed on that date. The inception date and creation date of the Boston Partners Alpha Extension Large Cap Value Equity composite is March 1, 2007. The strategy is an actively managed Large Cap Value strategy that utilized long and short equity position to generate alpha. The strategy is permitted to short 30% of the portfolio and reinvests the proceeds of those shorts into the securities that the manager finds attractive, creating a 130% long portfolio and a 30% short portfolio. The strategy is benchmarked against the Russell 1000® Value Index.

The inception and creation date of the Boston Partners Premium Equity composite is June 1, 1995. The strategy is a hybrid of Boston Partners' other equity products. It has the flexibility to invest across the capitalization spectrum and to invest in securities with equity-like return and risk profiles. Boston Partners Premium Equity is benchmarked against the S&P 500 Index and the Russell 3000® Value Index.

The inception and creation date of the Boston Partners Mid Cap Value Equity composite is May 1, 1995. Effective March 1, 2006, the Mid Cap Value Equity strategy is composed of securities primarily in the same market capitalization range, at time of purchase, as the Russell Midcap® Value Index. Effective January 1, 2005 the Boston Partners Mid Cap Value composite revised its benchmark from the Russell 2500™ Value Index to the Russell Midcap® Value Index. The Russell Midcap® Value Index has less of a bias toward smaller capitalization stocks and thus more accurately reflects the composition of Boston Partners holdings. The inception and creation date of the Boston Partners Small/ Mid Cap Value Equity composite is April 1, 1999. The strategy is composed of securities primarily in the \$100 million to \$10 billion market capitalization range and is benchmarked against the Russell 2500<sup>™</sup> Value Index.

The inception and creation date of the Boston Partners Small Cap Value Equity composite is July 1, 1995. The strategy is composed of securities primarily in the \$100 million to \$1.5 billion market capitalization range and is benchmarked against the Russell 2000® Value Index.

The inception date of the Boston Partners Small Cap Value II Equity composite is July 1, 1998. The composite was created in 2000. The strategy is composed of securities primarily in

the \$10 million to \$1 billion market capitalization range and is benchmarked against the Russell 2000® Value Index. The inception date and creation date of the Boston Partners Long/Short Equity composite is August 1, 1997. The strategy is an absolute return product that balances long and short portfolio strategies and seeks to achieve stable absolute returns with approximately half the risk of the S&P 500. However, this product is not risk neutral. It is exposed to style, capitalization, sector and short-implementation risks. Use of the S&P 500 Index is for comparative purposes only since investment returns are not correlated to equity market returns. Prior to October 1, 1998, the composite was managed on a non-fee paying basis. Participant results would have been substantially different if fee waivers were not applied. Commencing on October 1, 1998 and continuing each quarter thereafter, the net of fee calculation includes a model fee for each commingled account included in the composite, and when applicable, the actual fees assessed for each separately managed portfolio included in the composite. The model fee, which is comprised of an investment management fee and performance fee, represents the deduction of the highest fee that could have been earned based on actual results during the performance period. In addition, other expenses typically borne by the commingled accounts, as defined in the applicable offering documents, have been applied. However, from time-to-time the commingled accounts may have placed a ceiling on the amount of expenses it had incurred. Although performance fees are paid annually when earned, for presentation of net returns, performance fees, similar to management fees and expenses, are accrued for on a monthly basis. Actual fees may vary. The composite is benchmarked against the S&P 500 Index and the Russell 3000® Value/Russell 3000® Growth for comparative purposes only since the strategy is not correlated to equity market returns.

The inception and creation date of the Boston Partners Research Equity composite is April 1, 2002. This strategy is an absolute return product that balances long and short portfolio strategies and seeks to achieve stable absolute returns with approximately half the risk of the S&P 500 Index. The strategy is benchmarked against the S&P 500 Index.

The inception and creation date of the Boston Partners Global Equity II composite is July 1, 2008. This strategy is unconstrained and primarily invests in equity securities in the global market without using hedges on currency.

The inception date and creation date of the Boston Partners International Equity II composite is July 1, 2008. This strategy is unconstrained and primarily invests in non-us markets without using currency hedges. The strategy is benchmarked against the MSCI EAFE Index. From July 1, 2008 to June 30, 2010 the

## Performance Disclosures (continued)

primary benchmarks was MSCI EAFE Value Index and on July 1, 2010 the primary benchmark change to the MSCI EAFE. This change to the MSCI EAFE Index was made retroactively to July 1, 2008.

The inception and creation date of the Boston Partners Global Long/Short Equity composite is July 1, 2013. The strategy is composed of securities with market capitalizations primarily greater than \$50 million and is benchmarked against the MSCI World Index.

The inception and creation date of the Boston Partners Europe Equity composite is May 1, 2015. This strategy is unconstrained and primarily invests in equity securities in the European market without using hedges on currency.

The Inception and creation of the Boston Partners Emerging Markets Long/Short composite is March 1, 2015. The strategy is composed of securities with market capitalizations primarily greater than \$25 million and is benchmarked against the MSCI Emerging Markets Index.

#### **Benchmarks**

Index returns are provided for comparison purposes only to show how the composite's returns compare to a broad-based index of securities, as the indices do not have costs, fees, or other expenses associated with their performance.

In addition, securities held in either index may not be similar to securities held in the composite's accounts. The S&P 500 Index is an unmanaged index of the common stocks of 500 widely held U.S. companies. All Russell® Indices are registered trademarks of the Frank Russell Company. The Russell® Value Indices typically measure the performance of universes of stocks displaying low price-to-book ratios and low forecasted growth values. The Russell® Growth Indices typically measure the performance of universes of stocks displaying high price-to-book ratios and high forecasted growth values. The Russell 1000® Index measures the performance of the 1,000 largest companies in the Russell 3000® Index. The Russell 3000® Index measures performance of the 3,000 largest U.S. companies based on total market capitalization. The Russell 2500<sup>™</sup>, and 2000<sup>®</sup> Indices measure performance of the 2,500 and 2,000 smallest companies in the Russell 3000® Index respectively. The Russell Midcap® Index measures the performance of the 800 smallest companies in the Russell 1000® Index. The MSCI World Index covers the full range of developed, emerging and All Country MSCI International Equity Indices across all size segmentations. MSCI uses a two-dimensional framework for style segmentation in which value securities are categorized using a multi-factor approach, which uses three variables to define the value investment style characteristics and five variables to define the growth investment style characteristics including forward looking variables. The objective of the index design is to divide constituents of an underlying MSCI Equity Index into respective value and growth indices, each targeting 50% of the free float adjusted market capitalization of the underlying market index. The MSCI EAFE Index is broadly recognized as the pre-eminent benchmark for U.S. investors to measure international equity performance. It comprises the MSCI country indexes capturing large and midcap equities across developed markets in Europe, Australasia and the Far East, excluding the U.S. and Canada. The MSCI Europe Index is a free float-adjusted market capitalization weighted index that is designed to measure the

equity market performance of the developed markets in Europe.

The MSCI World Index represents large and mid-cap equity performance across 23 developed markets countries, covering approximately 85% of the free float-adjusted market capitalization in each. This index offers a broad global equity benchmark, without emerging markets exposure. MSCI Emerging Markets Standard Index (net return): The MSCI Emerging Markets indices are designed to measure the type of returns foreign portfolio investors might receive from investing in emerging market stocks that are legally and practically available to them. Constituents for the MSCI series are drawn from the MSCI stock universe based on size, liquidity, and their legal and practical availability to foreign institutional investors.

The MSCI World Small Cap Value Index captures small cap securities exhibiting overall value style characteristics across 23 Developed Markets countries. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. With 2,582 constituents, the index targets 14% coverage of the free float-adjusted market capitalization in each country.

#### **Calculation Methodology**

Account returns are market value weighted and calculated on a total return basis using trade date valuations. Returns reflect the reinvestment of dividends and other earnings, and are net of commissions and transaction costs. Performance is expressed in U.S. Dollars. Short sales are an integral part of the investment strategy and constitute the use of leverage. Accounts are temporarily removed from the composite when a significant cash flow occurs, which is typically defined as a flow that is greater than 10% of the account value that exceeds a threshold of +/-20 basis points from daily performance of the representative account and a similar account of the same strategy. An

account is generally added back to the composite as of the first full month following the significant cash flow. Additional information regarding policies for valuing portfolios, calculating performance, and presenting compliant presentations is available upon request.

#### **Fees and Expenses**

Composite returns are provided on a gross and net of fees basis. Account returns will be reduced by any fees and expenses incurred in the management of the account. In general, actual fees may vary depending on the applicable fee schedule and portfolio size. Net of fees returns for commingled vehicles that are members of a composite are calculated using a model fee that is the highest tier in the separate account fee schedule for the strategy. Fees are applied to gross returns at month end. Returns reflect the reinvestment of dividends and other earnings, and are net of commissions and transaction costs. Performance is expressed in U.S. Dollars. Additional information regarding policies for valuing portfolios, calculating performance, and presenting compliant presentations is available upon request. Investment advisory fees are listed herein and are fully described

in Boston Partners' Form ADV, Part II.

#### **Composite Dispersion**

The measurement of composite dispersion is calculated by the weighted average standard deviation of the annual account returns within the composite. Dispersion in composites with less than five accounts included for the entire year is not considered meaningful and is denoted with "N/A". Prior to January 1, 2007, the measurement of composite dispersion was calculated by determining the difference between the highest and lowest annual account returns within the composite. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period.

# Performance Disclosures (continued)

Large C	ap Value Equit # of Portfolios	<b>y:</b> Total Assets in	% of Firm	Composite	Small/N	lid Cap Value I # of Portfolios	<b>Equity:</b> Total Assets in	% of Firm	Composite	Long/Short Research: # of Portfolios Total Assets in % of Firm Compos	site
	in Composite	Composite	AUM	Dispersion		in Composite	Composite	AUM	Dispersion	in Composite Composite AUM Dispersi	
2015:	167	\$24.6 bn	31%	0.16%	2015:	13	\$814 mm	1%	0.14%	<b>2015</b> : 1 \$7.2 bn 9% N/A	
2014:	151	\$25.2 bn	34%	0.11%	2014: 2013:	10 7	\$499 mm \$481 mm	1% 1%	0.08% 0.13%	<b>2014:</b> 1 \$6.0 bn 8% N/A <b>2013:</b> 1 \$2.9 bn 6% N/A	
2013: 2012:	129 105	\$16.5 bn \$8.6 bn	32% 30%	0.62% 0.24%	2013. 2012:	7	\$367 mm	1%	0.08%	<b>2013:</b> 1 \$2.5 bit 6 % N/A <b>2012:</b> 1 \$492 mm 2% N/A	
2012.	99	\$5.1 bn	24%	0.24%	2011:	7	\$327 mm	2%	0.10%	<b>2011:</b> 1 \$97 mm 0% N/A	
2010:	89	\$4.8 bn	26%	0.15%	2010:	7	\$384 mm	2%	0.04%	<b>2010:</b> 1 \$9 mm 0% N/A	
2009:	83	\$3.5 bn	20%	0.38%	2009:	7	\$350 mm	2%	0.32%	<b>2009:</b> 1 \$5 mm 0% N/A	
2008:	70	\$2.1 bn	18%	0.21%	2008:	5	\$200 mm	2%	0.18%	<b>2008:</b> 1 \$3 mm 0% N/A	
2007:	68	\$3.4 bn	13%	0.14%	2007:	5	\$299 mm	1%	0.02%	<b>2007</b> : 1 \$4 mm 0% N/A	
2006:	45	\$3.4 bn	27%	0.83%	2006:	4	\$343 mm	3%	0.06%	<b>2006:</b> 1 \$3 mm 0% N/A	
130/30 L	arge Cap Equit	<b>ty:</b> Total Assets in	% of Firm	Composite	Small C	<pre>ap Value Equit   # of Portfolios</pre>	y: Total Assets in	% of Firm	Composite	Global Equity: # of Portfolios Total Assets in % of Firm Compos	site
	in Composite	Composite	AUM	Dispersion		in Composite	Composite	AUM	Dispersion	in Composite Composite AUM Dispersi	ion
2015:	2	\$933 mm	1%	N/A	2015:	19	\$1.0 bn	1%	0.19%	<b>2015</b> : 3 \$438 mm 1% N/A	
2014:	2	\$1.2 bn	2%	N/A	2014:	18	\$1.1 bn	2%	0.26%	<b>2014:</b> 1 \$27 mm 0% N/A	
2013:	1	\$845 mm	2%	N/A	2013: 2012:	16 16	\$1.1 bn	2%	0.56% 0.20%	<b>2013</b> : 2 \$66 mm 0% N/A	
2012:	3	\$636 mm	2%	N/A	2012: 2011:	17	\$957 mm \$923 mm	3% 4%	0.20%	<b>2012</b> : 2 \$18 mm 0% N/A <b>2011</b> : 1 \$8 mm 0% N/A	
2011:	3	\$463 mm	2%	N/A	2010:	16	\$682 mm	4%	0.16%	<b>2011</b> : 1 \$8 mm 0% N/A <b>2010</b> : 1 \$9 mm 0% N/A	
2010:	1	\$17 mm	0%	N/A	2009:	14	\$698 mm	4%	0.90%	<b>2010.</b> 1 \$9 mm 0% N/A <b>2009:</b> 1 \$8 mm 0% N/A	
2009: 2008:	1 1	\$6 mm \$5 mm	0% 0%	N/A N/A	2008:	14	\$560 mm	5%	0.20%	*2008: 1 \$6mm 0% N/A	
2008.	1	\$7 mm	0%	N/A	2007:	15	\$856 mm	3%	0.10%	* 2008 performance period is from July 1.	
2007.		Ψ7 111111	0 /0	IN/A	2006:	15	\$1.1 bn	9%	0.85%	·	
Premiu	m Equity:	T-+-! A+- :-	0/ -f F:	0	Small C	ap Value Equit	y II:			International Equity: # of Portfolios Total Assets in % of Firm Compos	cito
	# of Portfolios	Total Assets in	% of Firm	Composite		# of Portfolios	Total Assets in	% of Firm	Composite	in Composite Composite AUM Dispersi	
2015:	in Composite 35	Composite \$3.3 bn	AUM 4%	Dispersion 0.09%		in Composite	Composite	AUM	Dispersion	<b>2015:</b> 1 \$261 mm 0% N/A	
2013. 2014:	29	\$3.3 bii \$3.1 bii	4%	0.14%	2015:	3	\$478 mm	1%	N/A	<b>2014:</b> 2 \$33 mm 0% N/A	
2013:	29	\$2.7 bn	5%	0.53%	2014: 2013:	4 4	\$444 mm \$370 mm	1% 1%	N/A N/A	<b>2013:</b> 2 \$20 mm 0% N/A	
2012:	26	\$2.2 bn	7%	0.17%	2013. 2012:	4	\$304 mm	1%	N/A N/A	<b>2012</b> : 2 \$18 mm 0% N/A	
2011:	24	\$2.0 bn	9%	0.19%	2011:	5	\$272 mm	1%	0.10%	<b>2011</b> : 1 \$6 mm 0% N/A	
2010:	27	\$2.1 bn	12%	0.43%	2010:	6	\$300 mm	2%	0.24%	<b>2010</b> : 1 \$6 mm 0% N/A	
2009:	26	\$2.1 bn	12%	0.49%	2009:	6	\$239 mm	1%	0.98%	<b>2009</b> : 1 \$6 mm 0% N/A	
2008:	23	\$1.3 bn	11%	0.30%	2008:	7	\$161 mm	1%	0.20%	*2008: 1 \$4 mm 0% N/A * 2008 performance period is from July 1.	
2007: 2006:	15 11	\$677 mm \$1.7 bn	3% 14%	0.12% 0.37%	2007:	7	\$320 mm	1%	0.06%	·	
2000.	11	φ1.7 DΠ	14 70	0.37 76	2006:	7	\$505 mm	4%	0.47%	Global Long/Short Equity: # of Portfolios Total Assets in % of Firm Compos	nito
Mid Ca	Value Equity:		0/ 65:		Long/Sh	ort Equity:				# of Portfolios Total Assets in % of Firm Compos in Composite Composite AUM Dispersi	
	# of Portfolios in Composite	Total Assets in	% of Firm	Composite		# of Portfolios	Total Assets in	% of Firm	Composite	<b>2015</b> : 1 \$629 mm 1% N/A	
2015:	in Lomnosite	Composite	AUM	Dispersion		in Composite	Composite	AUM	Dispersion	<b>2014:</b> 1 \$125 mm 0% N/A	
2015. 2014:		Ф1 <del>Б</del> 2 Ь	200/		2045						
	37	\$15.3 b	20%	0.01%	2015:	2	\$687 mm	1%	N/A		
	37 29	\$11.6 b	16%	0.01% 0.12%	2014:	2 <sup>°</sup> 2	\$687 mm \$958 mm	1% 1%	N/A N/A		
2014: 2013: 2012:	37	\$11.6 b \$7.6 b		0.01%	2014: 2013:	2 2 2	\$687 mm \$958 mm \$965 mm	1% 1% 2%	N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	
2013:	37 29 16	\$11.6 b	16% 15%	0.01% 0.12% 0.24%	2014: 2013: 2012:	2 2 2 2	\$687 mm \$958 mm \$965 mm \$829 mm	1% 1% 2% 3%	N/A N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	
2013: 2012:	37 29 16 9 4 3	\$11.6 b \$7.6 b \$2.9 b	16% 15% 10% 5% 2%	0.01% 0.12% 0.24% 0.01%	2014: 2013:	2 2 2	\$687 mm \$958 mm \$965 mm	1% 1% 2%	N/A N/A N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	
2013: 2012: 2011: 2010: 2009:	37 29 16 9 4 3	\$11.6 b \$7.6 b \$2.9 b \$1.0 b \$306 mm \$127 mm	16% 15% 10% 5% 2% 1%	0.01% 0.12% 0.24% 0.01% N/A N/A N/A	2014: 2013: 2012: 2011:	2 2 2 2 2 2	\$687 mm \$958 mm \$965 mm \$829 mm \$626 mm	1% 1% 2% 3% 3% 2% 1%	N/A N/A N/A N/A N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	
2013: 2012: 2011: 2010: 2009: 2008:	37 29 16 9 4 3 3	\$11.6 b \$7.6 b \$2.9 b \$1.0 b \$306 mm \$127 mm \$85 mm	16% 15% 10% 5% 2% 1%	0.01% 0.12% 0.24% 0.01% N/A N/A N/A	2014: 2013: 2012: 2011: 2010: 2009: 2008:	2 2 2 2 2 2 2 2 2 2	\$687 mm \$958 mm \$965 mm \$829 mm \$626 mm \$440 mm \$189 mm \$36 mm	1% 1% 2% 3% 3% 2% 1%	N/A N/A N/A N/A N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	
2013: 2012: 2011: 2010: 2009:	37 29 16 9 4 3	\$11.6 b \$7.6 b \$2.9 b \$1.0 b \$306 mm \$127 mm	16% 15% 10% 5% 2% 1%	0.01% 0.12% 0.24% 0.01% N/A N/A N/A	2014: 2013: 2012: 2011: 2010: 2009:	2 2 2 2 2 2 2 2	\$687 mm \$958 mm \$965 mm \$829 mm \$626 mm \$440 mm \$189 mm	1% 1% 2% 3% 3% 2% 1%	N/A N/A N/A N/A N/A N/A N/A	<b>*2013:</b> 1 \$3 mm 0% N/A	

## Performance Disclosures (continued)

#### Firm Assets:

Year	Assets (mm)	Year	Assets (mm)
2015:	\$78,363	2010:	\$18,418
2014:	\$73,250	2009:	\$17,207
2013:	\$52,333	2008:	\$11,540
2012:	\$29,023	2007:	\$26,554
2011:	\$21,098	2006:	\$12,456

2005 through 2006 firm assets represents BPAM assets under management prior to merger into Boston Partners.

#### Other Disclosures

Boston Partners has adjusted the S&P and Russell sector classifications to group stocks according to similar business product lines and correlation of stock returns. Boston Partners' classifications are similar to the major market indices in terms of breadth but may differ in terms of composition. All product characteristics and sector weightings are calculated using a representative portfolio.

Risk statistics are calculated using composite data. Portfolio composition is subject to change and information contained in this publication may not be representative of the current portfolio. Effective January 1, 2011; Boston Partners adopted a significant cash flow policy for this composite in accordance with the Global Investment Performance Standards. If an external cash flow is greater than or equal to 10.0% of the beginning market value of the portfolio on the day of the flow, and greater than or equal to 10.0% of the beginning market value of the composite for that month then the portfolio is removed from the composite for the month that the flow occurred. The portfolio is then placed back into the composite in accordance with Firm's inclusion policies and procedures.

Boston Partners changed the names of its composites in August 2016 after the firm changed its name.

Boston Partners participates in Initial Public Offerings (IPOs) as described in its Form ADV, Part II. IPO contributions to performance vary from year to year depending on availability and prevailing market conditions. IPO contributions may have a significant positive effect on performance when initially purchased. Such positive performance should not be expected for future performance periods.

#### **Annual Fee Schedules**

Large Cap: 70 basis points ("bp") on the first \$10 million in assets; 50 bp on the next \$40 million; 40 bp on the next \$50 million; 30 bp thereafter. 130/30 Large Cap: 100 basis points ("bp") on the first \$10 million in assets; 80 bp on the next \$40 million; 70 bp on the next \$50 million; 60 bp thereafter. Premium Equity: 80 bp on the first \$25 million of assets; 60 bp on the next \$25 million; 50 bp on the next \$50 million; 40 bp thereafter. Mid Cap: 80 bp on the first \$25 million of assets; 60 bp thereafter. Small/Mid Cap, Small Cap, and Small Cap II: 100 bp on the first \$25 million of assets; 80 bp thereafter. Long/ Short: 100 bp on total assets under management: plus 20% profit participation. Long/Short Research: 150 basis points.

Global Equity and International Equity are: 75 basis points ("bp") on the first \$25 million in assets; 65 bp on the next \$25 million; 55 bp on the next \$50 million; 50 bp thereafter. Global Long/Short: 200 bp on total assets under management. Europe Equity: 75 basis points ("bp") on the first \$25 million in assets; 65 bp on the next \$25 million; 55 bp on the next \$50 million; 50 bp thereafter. Emerging Markets Long/Short: 225 bp on total assets under management.

#### **Corporate Information**

Boston Partners Global Investors, Inc. ("Boston Partners") is affiliated with listed corporations through common ownership. Robeco services may be offered in the U.S. through Robeco Institutional Asset Management, U.S., an SEC Registered Investment Adviser registered under the Investment Advisers Act of 1940. Transtrend products may be offered in the U.S. through Boston Partners Securities, LLC, member FINRA, SiPC. Harbor Capital Advisers products are distributed by Harbor Funds Distributors, Inc.

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
22	09/13/17	Retirement	Action	

Subject: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

### **ISSUE**

Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

### RECOMMENDED ACTION

Motion: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

### FISCAL IMPACT

None

### DISCUSSION

Pension funds are invested consistent with the Statement of Investment Objectives and Policy Guidelines adopted by each Retirement Board. Attached are the two investment performance reports prepared by the Boards' pension investment consultants. The first report is the Second Quarter 2017 Market Update (Attachment 1) and the second is the Investment Measurement Service Quarterly Review as of June 30, 2017 (Attachment 2). These reports provide a detailed analysis of the performance of each of the investment managers retained by the Retirement Boards to manage the Retirement Funds for the quarter ended June 30, 2017. The second report compares the performance of each investment manager with benchmark indices, other fund managers of similarly invested portfolios and other indices.

At the February 1, 2017 Special Retirement Board meeting, the Boards made the decision to terminate fund manager JP Morgan and invest in the New Hampshire Investment Trust vehicle offered by Pyrford International PLC (Pyrford). Funds were transferred out of JP Morgan on 5/15/2017 and transferred into Pyrford on 5/31/2017. Partial quarter performance is not disclosed at the fund manager level, so there will be no disclosure for either JP Morgan or Pyrford for the quarter ending June 30, 2017. However, the returns from both managers are included in the total plan composite returns.

### **Investment Compliance Monitoring**

In accordance with the Statement of Investment Objectives and Policy Guidelines for the Sacramento Regional Transit District Retirement Plans (Investment Policy), State Street Bank performs daily investment compliance monitoring on the Plans' three (3) actively managed funds. As of June 30, 2017, there were no compliance warnings or alerts to be reported;

Approved:	Presented:
Final 8/30/17	
VP Finance/CFO	Senior Accountant

Agenda	Board Meeting	Open/Closed	Information/Action	Issue
Item No.	Date	Session	Item	Date
22	09/13/17	Retirement	Action	

Subject: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended June 30, 2017 (ALL). (Bernegger)

therefore, the investments are in compliance with the Investment Policy. The final attached report includes the monitoring summary (Attachment 3).

The table below provides an overview of the <u>quarter performance</u>, quarter ending June 30, 2017 – gross of investment management fees:

Investment Manager - Description - Benchmark	Benchmark <u>Index</u>	ATU, IBEW & Salaried Fund	Investment Gains/ (Losses)	Pension Fund Contributions/ (Withdrawals)
Boston Partners (large cap value) Russell 1000 Value	1.34%	2.66%	\$1,190,464	-
S&P 500 Index (large cap value) S&P 500	3.09%	3.09%	\$1,398,488	\$(1,149,059)
Atlanta Capital (small cap) Russell 2000	2.46%	3.62%	\$866,462	-
Brandes (international equities) MSCI EAFE*	-	-	\$355	-
JPMorgan (international equities) MSCI EAFE	-	-	\$1,301,436	\$(25,953,819)
Pyrford (international equities) MSCI EAFE	-	-	\$(356,976)	\$25,953,819
MSCI EAFE Index (international equities) MSCI EAFE	6.12%	6.30%	\$621,321	-
AQR (small cap international equities) MSCI EAFE SC	8.10%	7.86%	\$974,860	-
Dimensional Fund Advisors (emerging markets) MSCI EM	6.38%	4.83%	\$690,798	-
Metropolitan West (fixed income) Barclays Agg.	1.45%	1.48%	\$1,289,873	-
Totals	3.34%	3.07%	\$7,977,082	\$(1,149,059)

**Bold** – fund exceeding respective benchmark

The table below provides an overview of the year to date performance, as of June 30, 2017 – net of investment management fees:

Investment Manager - Description - Benchmark	Benchmark Index	ATU, IBEW & Salaried Fund	Investment Gains/(Loss)	Pension Fund Contributions/ (Withdrawals)
Boston Partners (large cap value) Russell 1000 Value	15.53%	20.41%	\$7,870,196	\$(1,188,913)
S&P 500 Index (large cap value) S&P 500	17.90%	17.91%	\$7,152,867	\$(2,220,019)
Atlanta Capital (small cap) Russell 2000	24.60%	15.18%	\$3,254,732	\$(607,068)
Brandes (international equities) MSCI EAFE	-	-	\$71	-
JPMorgan (international equities) MSCI EAFE	-	-	\$4,611,067	\$(25,953,819)
Pyrford (international equities) MSCI EAFE**	-	-	\$(371,694)	\$25,953,819
MSCI EAFE Index (international equities) MSCI EAFE	20.27%	20.57%	\$2,124,503	\$(12,201,601)
AQR (small cap international equities) MSCI EAFE SC**	-	-	\$1,497,410	\$12,201,601
Dimensional Fund Advisors (emerging markets) MSCI EM	24.17%	21.88%	\$2,680,399	\$137,839
Metropolitan West (fixed income) Barclays Agg.	(0.31)%	0.42%	\$371,304	\$(277,837)
Totals	12.71%	12.09%	\$29,190,855	\$(4,155,998)

**Bold** – fund exceeding respective benchmark

<sup>\*</sup>The investments held in Brandes are foreign tax reclaim receivables. Currently, staff and the custodian do not have an estimated time of receipt. Until receipt of funds, Brandes will remain as a fund manager.

<sup>\*\*</sup>Manager has not had investment activity for a full year. Information will be included when appropriate data is available.

# Callan

September 13, 2017

Sacramento Regional Transit District

Second Quarter 2017 Market Update

### **Anne Heaphy**

Fund Sponsor Consulting

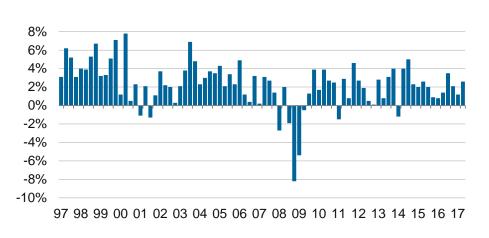
Uvan Tseng, CFA

Fund Sponsor Consulting

# **Economic Commentary**

## Second Quarter 2017

### **Quarterly Real GDP Growth (20 Years)**



## Inflation Year-Over Year



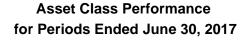
Source: Bureau of Labor Statistics

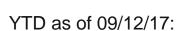
- Source: Bureau of Economic Analysis
- Growth in the U.S. continues to be positive but low.
  - Real U.S. GDP accelerates to 2.6% in the second quarter, up from the (revised) 1.4% reported in Q1.
  - Outside the U.S., Eurozone GDP revised upwards to 2.3% from 1.7%.
  - In China, annual growth exceeded expectations with a 6.9% annual growth pace in the first quarter.
- Unemployment picture continues to improve
  - In the U.S., unemployment fell to a 15-year low of 4.3%.
  - Eurozone unemployment dropped to 9.3%, the lowest since 2009.
- Inflation data pulled back during the quarter to 1.4%, the lowest level in six months, and remains below the Fed's 2% target.
- The U.S. Dollar has sold off dramatically since the "Trump-induced" peak in January.



# **Asset Class Performance**

## Periods Ended June 30, 2017





S&P 500:

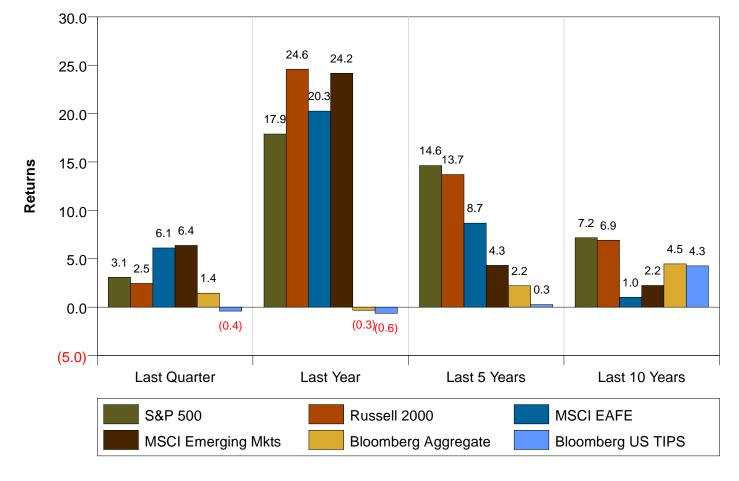
Russell 2000:

MSCI EAFE:

MSCI EM:

Blmbg Aggregate:

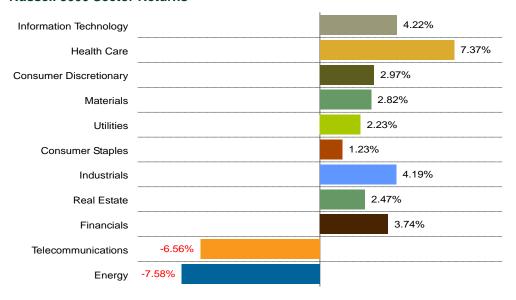
Blmbg TIPS:



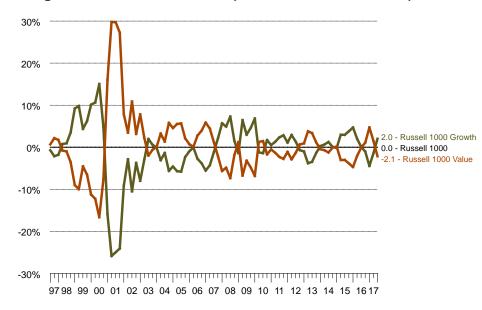
# **U.S. Equity**

## Second Quarter 2017

#### **Russell 3000 Sector Returns**



### Rolling One-Year Relative Returns (versus Russell:1000 Index)



Source: Russell Investment Group

### **Second Quarter Index Returns**

Russell 3000:	3.0%
S&P 500:	3.1%
Russell Mid Cap:	2.7%
Russell 2000:	2.5%

Source: Russell Investment Group



# **U.S. Equity Style Returns**

Periods Ended June 30, 2017

	2Q 2017			Annualized 1 Year Returns				
Value	Core	Growth		Value	Core	Growth		
1.3%	3.2%	4.8%	Large	15.4%	18.7%	21.6%		
1.4%	2.7%	4.2%	Mid	15.9%	16.5%	17.1%		
0.7%	2.5%	4.4%	Small	24.9%	24.6%	24.4%		

- U.S. stocks continued to inch higher during the second quarter, despite an increase in interest rates and turbulent events in the news, including disruptions within the Trump administration and terrorist attacks in the U.K.
- In a repeat of last quarter large cap stocks outperformed smaller caps and growth led value across market capitalizations. The dispersion in style returns was generally uniform, as growth outpaced value by 3.5% in large caps and by 3.7% in small caps.

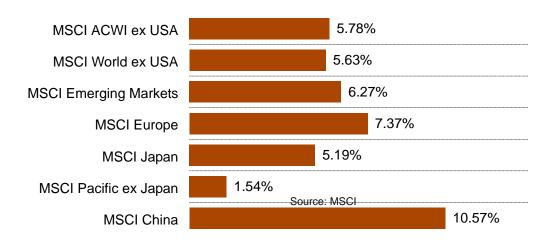
Large Cap Core is represented by the Russell Top 200 Index, Large Cap Value is represented by the Russell Top 200 Value Index and Large Cap Growth is represented by the Russell Top 200 Growth Index. Mid Cap Core is represented by the Russell Mid Cap Value is represented by the Russell Mid Cap Value Index and Mid Cap Growth is represented by the Russell Mid Cap Growth Index. Small Cap Core is represented by the Russell 2000 Index, Small Cap Value is represented by the Russell 2000 Value Index and Small Cap Growth is represented by the Russell 2000 Growth Index.



# Non-U.S. Equity

## Second Quarter 2017

## Regional Quarterly Performance (U.S. Dollar)

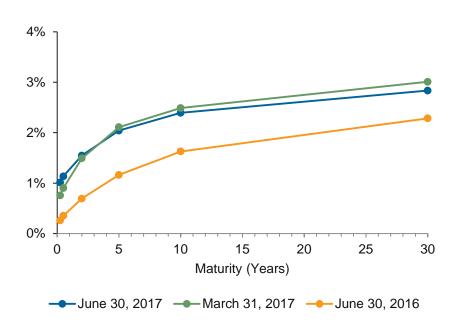


- Non-U.S. developed equity outperformed U.S. for the second consecutive quarter, fueled by economic recovery in Europe and market-friendly outcomes in European elections.
- The U.S. dollar lost 7% versus the euro and 5% versus a broad basket of currencies. This weakness helped overseas returns for U.S. investors. The MSCI ACWI ex USA jumped 5.8% for the guarter.
- Regionally, gains were broad-based. Emerging Markets were propelled by Technology companies in China, South Korea, and Taiwan. Meanwhile, Europe topped performance, on the back of hawkish comments from ECB coupled with improving European economic indicators.

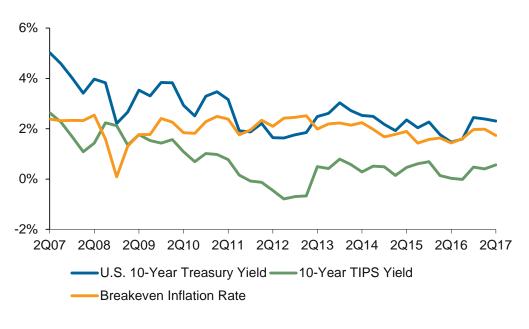
# **Fixed Income**

### Second Quarter 2017

### **U.S. Treasury Yield Curves**



### **Historical 10-Year Yields**



Source: Bloomberg Source: Bloomberg

- The Fed, viewing inflation weakness as temporary, raised rates by 25 basis points to a range of 1.00-1.25%, in line with expectations. The June hike marked the third consecutive quarter with a 25 basis point increase; one additional hike is anticipated before year end.
- The treasury yield curve flattened during the quarter, as short-term treasuries rose, consistent with the Fed hike, while longer-term issues fell.
- The 10-year U.S. Treasury yield closed the quarter at 2.31%, down from 2.40% as of 3/31, though it hit a 2017 low of 2.12% earlier in June. The 2-year U.S. Treasury yield climbed 11 bps to close at 1.38%. The 10-year breakeven spread (difference between nominal and real yields) ended the quarter at 1.73%, down from 1.97% in prior quarter.

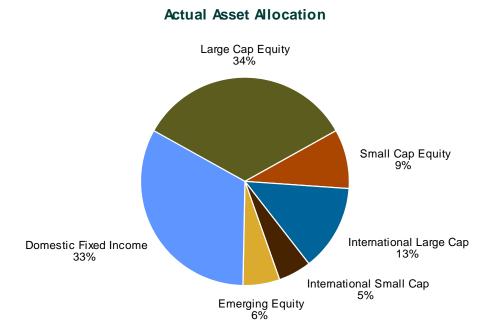
# Callan

Sacramento Regional Transit District

Total Fund Overview

# **RT Asset Allocation**

# As of June 30, 2017



Knowledge. Experience. Integrity.

# **Target Asset Allocation** Large Cap Equity 32% Small Cap Equity 8% International Large Cap 14% Domestic Fixed Income 35% International Small Cap Emerging Equity 6%

	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Dif f erence	Difference
Large Cap Equity	91,410	33.9%	32.0%	1.9%	5,004
Small Cap Equity	24,787	9.2%	8.0%	1.2%	3,185
International Large Cap	36,089	13.4%	14.0%	(0.6%)	(1,713)
International Small Cap	13,788	5.1%	5.0%	0.1%	287
Emerging Equity	15,448	5.7%	6.0%	(0.3%)	(753)
Domestic Fixed Income	88,495	32.8%	35.0%	(2.2%)	(6,011)
Total	270.018	100.0%	100.0%	•	•

# Performance Attribution

### Relative Attribution Effects for Quarter ended June 30, 2017

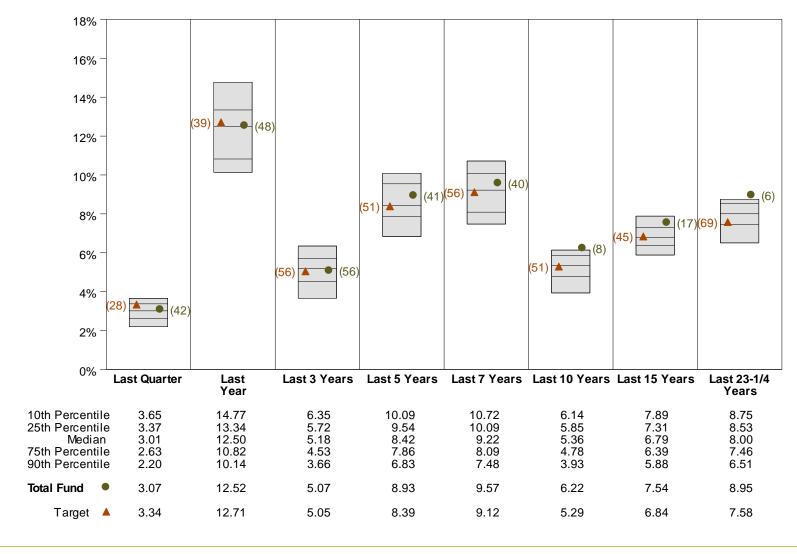
Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relativ e Return
Large Cap Equity	34%	32%	2.88%	3.09%	(0.07%)	(0.01%)	(0.08%)
Small Cap Equity	9%	8%	3.62%	2.46%	0.10%	(0.05%)	0.05%
International Large Cap	13%	14%	5.16%	6.12%	(0.13%)	(0.04%)	(0.16%)
International Small Cap	5%	5%	7.86%	8.10%	(0.01%)	(0.00%)	(0.02%)
Emerging Equity	6%	6%	4.83%	6.38%	(0.09%)	(0.02%)	(0.10%)
Domestic Fixed Incom	e 33%	35%	1.48%	1.45%	0.01%	0.03%	0.04%
Total			3.07% =	3.34%	+ (0.18%) +	(0.08%)	(0.26%)

### One Year Relative Attribution Effects

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relativ e Return
Large Cap Equity	34%	32%	19.45%	17.90%	0.49%	0.05%	0.54%
Small Cap Equity	9%	8%	16.10%	24.60%	(0.75%)	0.02%	(0.72%)
International Large Car	13%	14%	20.62%	20.27%	0.02%	(0.15%)	(0.13%)
International Small Car		5%	14.01%	16.09%	(0.10%)	(0.02%)	(0.12%)
Emerging Equity	5%	6%	22.62%	24.17%	(0.08%)	(0.09%)	(0.17%)
Domestic Fixed Incom	e 34%	35%	0.69%	(0.31%)	0.39%	0.02%	0.41%
Total			12.52% =	: 12.71% +	(0.02%) +	(0.17%)	(0.18%)

# Performance as of June 30, 2017

### Performance vs CAI Public Fund Sponsor - Mid (100M-1B) (Gross)





# **Manager Asset Allocation**

	June 30, 2017			March 31, 2017
	Market Value	Net New Inv.	Inv. Return	Market Value
Consolidated Plan				
Domestic Equity	\$116,196,519	\$(1,149,059)	\$3,455,415	\$113,890,163
Large Cap	\$91,409,611	\$(1,149,059)	\$2,588,953	\$89,969,717
Boston Partners	45,850,408	0	1,190,464	44,659,944
SSgA S&P 500	45,559,203	(1,149,059)	1,398,488	45,309,773
Small Cap	\$24,786,908	\$0	\$866,462	\$23,920,446
Atlanta Capital	24,786,908	0	866,462	23,920,446
nternational Equity	\$65,326,150	\$0	\$3,231,794	\$62,094,356
International Large Cap	\$36,089,475	\$0	\$1,566,137	\$34,523,338
Brandes	9,297	0	355	8,942
JP Morgan	0	(25,953,819)	1,301,436	24,652,383
SSgA EAFE	10,483,335	0	621,321	9,862,013
Pyrford	25,596,843	25,953,819	(356,976)	-
International Small Cap	\$13,788,329	\$0	\$974,860	\$12,813,469
AQR	13,788,329	0	974,860	12,813,469
Emerging Equity	\$15,448,346	\$0	\$690,798	\$14,757,549
DFA Emerging Markets	15,448,346	0	690,798	14,757,549
Fixed Income	\$88,495,034	\$0	\$1,289,873	\$87,205,161
Metropolitan West	88,495,034	0	1,289,873	87,205,161
Total Plan - Consolidated	\$270,017,704	<b>\$(1,149,059)</b>	\$7,977,082	\$263,189,680



# Manager Returns as of June 30, 2017

			Last	Last	Last
	Last	Last	3	5	7
	Quarter	Year	Years	Years	Years
Domestic Equity	3.04%	18.73%	9.24%	14.96%	15.69%
Domestic Equity Benchmark**	2.98%	19.30%	9.25%	14.51%	15.27%
Large Cap Equity	2.88%	19.45%	8.72%	14.76%	15.29%
Boston Partners	2.66%	20.96%	7.75%	14.82%	15.25%
Russell 1000 Value Index	1.34%	15.53%	7.36%	13.94%	14.31%
SSgA S&P 500	3.09%	17.97%	9.68%	14.68%	-
S&P 500 Index	3.09%	17.90%	9.61%	14.63%	15.41%
Small Cap Equity	3.62%	16.10%	11.28%	15.55%	17.30%
Atlanta Capital	3.62%	16.10%	11.28%	15.55%	17.30%
Russell 2000 Index	2.46%	24.60%	7.36%	13.70%	14.35%
International Equity	5.58%	20.30%	1.48%	7.96%	7.18%
Custom International Benchmark***	5.85%	20.43%	0.80%	8.14%	7.52%
International Large Cap	5.16%	20.62%	1.60%	-	-
SSgA EAFE	6.30%	20.69%	1.50%	8.96%	-
MSCI EAFE Index	6.12%	20.27%	1.15%	8.69%	7.91%
International Small Cap	7.86%	-	-	-	-
AQR	7.86%	-	-	-	-
MSCI EAFE Small Cap Index	8.10%	23.18%	5.60%	12.94%	11.40%
Emerging Markets Equity	4.83%	22.62%	2.26%	-	-
DFA Emerging Markets	4.83%	22.62%	2.26%	-	-
MSCI Emerging Mkts Index	6.38%	24.17%	1.44%	4.33%	4.22%
Domestic Fixed Income	1.48%	0.69%	2.66%	3.11%	4.29%
Met West	1.48%	0.69%	2.66%	3.11%	4.29%
Blmbg Aggregate Index	1.45%	(0.31%)	2.48%	2.21%	3.19%
Total Plan	2.079/	42 520/	5.07%	9.039/	0.579/
	3.07%	12.52%		8.93%	9.57%
Target*	3.34%	12.71%	5.05%	8.39%	9.12%

\*Current quarter target = 35% Bloomberg Barclays Agg, 32% S&P 500, 14% MSCI EAFE, 8% Russell 2000, 6% MSCI Emerging Markets Index, and 5% MSCI EAFE Small Cap



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# Callan

June 30, 2017

Sacramento Regional Transit District Retirement Plans

Investment Measurement Service Quarterly Review

The following report was prepared by Callan Associates Inc. ("CAI") using information from sources that include the following: fund trustee(s); fund custodian(s); investment manager(s); CAI computer software; CAI investment manager and fund sponsor database; third party data vendors; and other outside sources as directed by the client. CAI assumes no responsibility for the accuracy or completeness of the information provided, or methodologies employed, by any information providers external to CAI. Reasonable care has been taken to assure the accuracy of the CAI database and computer software. Callan does not provide advice regarding, nor shall Callan be responsible for, the purchase, sale, hedge or holding of individual securities, including, without limitation securities of the client (i.e., company stock) or derivatives in the client's accounts. In preparing the following report, CAI has not reviewed the risks of individual security holdings or the conformity of individual security holdings with the client's investment policies and guidelines, nor has it assumed any responsibility to do so. Advice pertaining to the merits of individual securities and derivatives should be discussed with a third party securities expert. Copyright 2017 by Callan Associates Inc.

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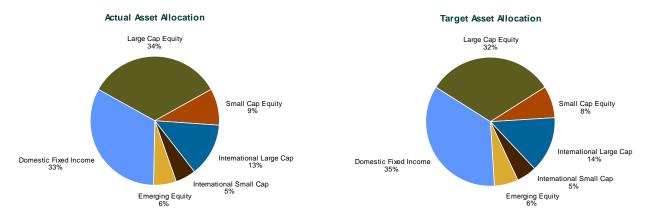
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## **Sacramento Regional Transit District**

Executive Summary for Period Ending June 30, 2017

### **Asset Allocation**



### **Performance**

	Last	Last	Last 3	Last 5	Last 7
	Quarter	Year	Years	Years	Years
Total Plan	3.07%	12.52%	5.07%	8.93%	9.57%
Target*	3.34%	12.71%	5.05%	8.39%	9.12%

### **Recent Developments**

N/A

### Organizational Issues

N/A

### Manager Performance

		Peer Group Ranking							
Manager	Last Year	Last 3 Years	Last 7 Years						
Boston Partners	23	43	26						
Atlanta Capital	96	8	19						
AQR	[63]	[41]	[44]						
DFA	67	64	[69]						
MetWest	90	85	76						

Brackets indicate performance linked with manager's composite

#### Watch List

• JP Morgan was on the watch list. They were replaced by Pyrford in June.

### **Items Outstanding**

N/A

 $<sup>^*</sup>$ Current quarter target = 35% Bloomberg Barclays Aggregate Index, 32% S&P 500 Index, 8% Russell 2000 Index, 14% MSCI EAFE Index, 5% MSCI EAFE Small Cap Index, and 6% MSCI Emerging Markets Index.

# Callan





Second Quarter 2017

# Why Is Inflation So Low?

ECONOMY

Both price and wage inflation remain subdued, even after eight years of recovery, when inflationary pressures typically build. Why? There is no consensus on the cause, but both issues weigh heavily on the Fed as it charts future rate hikes and unwinds its balance sheet.

# Many Funds 'Risk Up' for Returns

**FUND SPONSOR** 

Many fund sponsors feel compelled to take on substantial market risk to attempt to close a funding gap or meet spending needs without eroding the corpus. Fund sponsors are further focusing on diversification within each asset class to help mitigate their overall risk.

# Many Shocks, but No Signs of Slowing

EQUITY

U.S. stocks inched higher, despite turbulent events in the news, and the S&P 500 Index hit a record high during the second quarter. Non-U.S. developed equity outperformed its U.S. counterpart, helped by a weak U.S. dollar, while emerging markets outpaced developed markets.

# On the Hunt for More Yield Globally

FIXED INCOME

In their continued hunt for stable yields, investors gravitated to corporate bonds in the U.S., and favored municipal bonds over Treasuries. Unhedged non-U.S. bonds got help from the weak dollar, while emerging market fixed income saw strong demand from yield-hungry investors.

### Some Positive Signs Emerging

REAL ESTATE

The NCREIF Property Index rebounded from last quarter's seven-year low return while the NCREIF Open End Diversified Core Equity Index set a new seven-year low. U.S. REITs underperformed global REITs, but still managed to generate positive returns.

### **Happy Campers**

PRIVATE EQUITY

A bucolic summer has favored the private equity market, with moderate increases across transactional measures and liquidity remaining hearty. Fundraising finished the quarter ahead of last year, buyout investment showed large gains, and venture investment ticked up.

# As the World Churns, Despacito

HEDGE FUNDS

The Credit Suisse
Hedge Fund Index rose
0.8%, while the median
manager in the Callan Hedge Fundof-Funds Database advanced
0.9%. Growth in Europe and Japan
this quarter provided a friendly setting for hedge funds seeking alternative risks.

# Best Return for DC Index Since 2013

DEFINED CONTRIBUTION

The Callan DC Index™ climbed 4.7% in the first quarter, its highest quarterly return since the end of 2013, after an 8.0% gain in 2016. But the DC Index did markedly lag the Age 45 Target Date Fund (+5.6%). Plan balances grew 4.74%, primarily driven by investment returns.

## **Broad Market Quarterly Returns**

U.S. Equity Russell 3000



Non-U.S. Equity
MSCI ACWI ex USA



U.S. Fixed Income Bloomberg Barclays Agg



Non-U.S. Fixed Income Bloomberg Barclays Gbl ex US



Sources: Bloomberg Barclays, MSCI, Russell Investment Group

## Why Is Inflation So Low?

### **ECONOMY** | Jay Kloepfer

We are now eight years into the economic recovery in the U.S., arguably the latter stages of a mature expansion and at a point where inflationary pressures typically begin to build. Yet price and wage inflation remain stubbornly subdued. Headline and particularly core inflation have drifted down over the past several months. Headline inflation (the CPI - All Urban) climbed above 2% in December 2016 and stayed near 2.5% until May 2017, when it began to ebb. The Index was unchanged in June, meaning zero inflation month to month; the year-over-year change is now 1.6%. The Fed's targeted measure of core inflation (personal consumption expenditures (PCE) less food and energy) slipped to a year-over-year gain of just 1.4% in May and will likely show a flattening similar to the CPI-U in June. This decline in core inflation is both baffling and frustrating to the Fed, and it provides a headwind to its efforts to bring interest rates back to "normal."

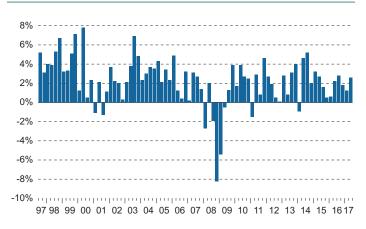
Low wage growth is also a mystery in the U.S., where it has remained below 3% for years while the unemployment rate has fallen to a 16-year low of 4.4% in June, and stories of tight labor markets abound in industries around the country.

The explanations for persistent low inflation are varied, but there is no consensus on the cause. The most plausible reasons include: 1) lackluster global growth; 2) excess industrial capacity, much of it in China, pushing down goods prices; and 3) technology, specifically product and process innovations that slash production costs.

Weak wage growth is more of a conundrum, especially in economies such as the U.S. that appear to be at full employment. Why hasn't the job market pressure pushed up overall wages? More plausible explanations include: 1) a large pool remains of workers not properly captured in the official unemployment data (discouraged workers, the long-term unemployed); 2) the replacement of retiring higher-wage baby boomers with lower-wage young workers, skewing the average wage downward;

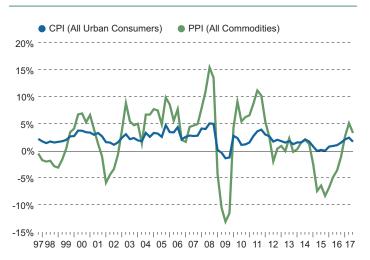
### **Quarterly Real GDP Growth**

(20 Years)



Source: Bureau of Economic Analysis

#### Inflation Year-Over-Year



Source: Bureau of Labor Statistics

3) poor productivity growth, paired with 4) use of technology to replace workers with capital, particularly in low-wage, low-skilled jobs; and 5) a related shift in market power from labor to capital. None of these factors alone explain the persistence of low inflation and low wage growth, but the interaction of these factors tells a believable story.

In addition to the conundrum of low inflation, the state of growth weighs heavily on the Fed's deliberations on the path to future interest rate hikes and the size of its balance sheet. Second quarter GDP growth came in at 2.6%, roughly in line with expectations. The solid (if unspectacular) figure built on the upward revision to disappointing data in the first quarter, which was adjusted up from 0.7% to 1.2%. Consumer spending, job growth, and capital spending have been strong enough to enable the U.S. economy to amble on at a reasonable if unspectacular (although sometimes halting) pace for eight years. Consumer spending has been the engine for growth, increasing faster than GDP (2.8% in the second quarter), and supported by gains in employment, disposable income, and household wealth. The combination of a strong job market, continued stock market gains, and the expectation for tax cuts coming from the Trump administration and the Republican Congress has fueled consumer confidence, and with it spending, since the start of 2017—although confidence did take a breather in the second quarter.

Business fixed investment enjoyed a strong first quarter with a 7.2% gain, driven by close to 15% growth in structures (including oil and gas mining), and followed with another 5% gain in the second quarter. The rebound in the oil and gas sector suggests the spending on capital has built some momentum.

Residential housing spending took a hit in the second quarter, falling by 6.8%, somewhat in defiance of the laws of economics as the supply of homes for sale is not keeping up with demand. The nation-wide average price for a new home reached an all-time high in May, topping \$400,000. High prices should be driving builders to build, but the permits and starts for both

The Long-Term View

	2017	Periods	ender	I Dec 3	1 2016
Index	2017 2nd Qtr	Year			25 Yrs
U.S. Equity					
Russell 3000	3.02	12.74	14.67	7.07	9.29
S&P 500	3.09	11.96	14.66	6.95	9.15
Russell 2000	2.46	21.31	14.46	7.07	9.69
Non-U.S. Equity					
MSCI ACWI ex USA	5.78	4.50	5.00	0.96	_
MSCI Emerging Markets	6.27	11.19	1.28	1.84	_
MSCI ACWI ex USA Small Cap	8.07	3.78	9.67	3.03	6.70
Fixed Income					
Bloomberg Barclays Agg	1.45	2.65	2.23	4.34	5.63
90-Day T-Bill	0.20	0.33	0.12	0.80	2.71
Bloomberg Barclays Long G/C	4.39	6.67	4.07	6.85	7.58
Bloomberg Barclays Gl Agg ex US	3.55	1.49	-1.39	2.44	4.73
Real Estate					
NCREIF Property	1.75	7.97	10.91	6.93	8.63
FTSE NAREIT Equity	1.52	8.52	12.01	5.08	11.13
Alternatives					
CS Hedge Fund	0.76	1.25	4.34	3.75	_
Cambridge PE*	_	9.20	12.78	9.40	15.39
Bloomberg Commodity	-3.00	11.77	-8.95	-5.57	2.55
Gold Spot Price	-0.71	8.63	-5.97	6.08	4.82
Inflation – CPI-U	0.47	2.07	1.36	1.81	2.26

<sup>\*</sup>Most recent quarterly data not available.

Sources: Bloomberg Barclays, Bloomberg, Credit Suisse, FTSE, MSCI, NCREIF, Russell Investment Group, Standard & Poor's, Thomson Reuters/Cambridge, Bureau of Economic Analysis.

single-family and multi-family homes declined in May before recovering somewhat in June. The restraint on construction activity may stem from tightened standards on commercial real estate loans, particularly on multi-family homes, and rising interest rates.

#### **Recent Quarterly Economic Indicators**

	2Q17	1Q17	4Q16	3Q16	2Q16	1Q16	4Q15	3Q15
Employment Cost–Total Compensation Growth	2.4%	2.4%	2.2%	2.3%	2.3%	1.9%	2.0%	2.0%
Nonfarm Business–Productivity Growth	1.3%*	0.0%	1.8%	3.3%	-0.1%	-0.7%	-2.0%	1.8%
GDP Growth	2.6%	1.2%	1.8%	2.8%	2.2%	0.6%	0.5%	1.6%
Manufacturing Capacity Utilization	75.5%	75.3%	75.1%	74.9%	75.1%	75.4%	75.4%	75.7%
Consumer Sentiment Index (1966=100)	96.4	97.2	93.2	90.3	92.4	91.5	91.3	90.8

<sup>\*</sup>Estimate.

Sources: Bureau of Economic Analysis, Bureau of Labor Statistics, Federal Reserve, IHS Economics, Reuters/University of Michigan.

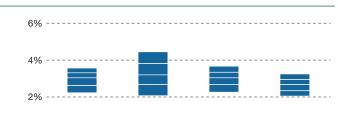
## Many Funds 'Risk Up' for Returns

### FUND SPONSOR | Todd Carabasi, Tom Shingler

Fund sponsors are beginning to come to grips with lower capital market return expectations. Pension funds are reducing actuarial return assumptions, and endowments and foundations are discussing and making adjustments to spending rules. Some funds are addressing this issue by taking on substantial market risk (80%-85% in risky assets) to attempt to close a funding gap or meet spending needs without eroding the corpus. Fund sponsors are further focusing on diversification within each asset class to help mitigate their overall risk.

Fund sponsors face the challenge of looking for investments with attractive real return expectations while seeking at least some diversification to the beta of equities to smooth the ride within the growth allocation. By focusing on diversifiers, funds can consider adding investments like high yield, low-volatility equity, hedge funds, multi-asset class funds, and options-based strategies. This also allows for new strategies to be brought into the fold, based on anticipated diversification benefits or return enhancement. This broadening of growth assets

### **Callan Fund Sponsor Returns for the Quarter**

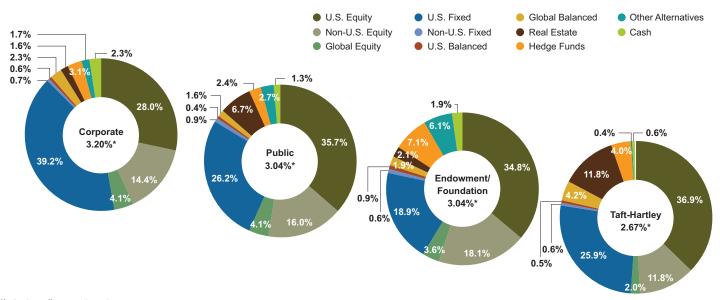


0% —				
070 —	Public Database	Corporate Database	Endow/Fndn Database	Taft-Hartley Database
10th Percentile	3.57	4.45	3.67	3.25
25th Percentile	3.31	3.81	3.34	2.94
Median	3.04	3.20	3.04	2.67
75th Percentile	2.62	2.67	2.68	2.34
90th Percentile	2.23	2.07	2.26	2.05

Source: Callan

can lead to a sharper focus on refining fixed income exposure to gain a "purer" exposure to interest rate sensitivity and to serve as an anchor to the portfolio in a bear market (e.g., allocating the fixed income portfolio to long-duration Treasuries).

### **Callan Fund Sponsor Average Asset Allocation**



\*Latest median quarter return.

Note: charts may not sum to 100% due to rounding.

Source: Callan

At the same time, with U.S. equities continuing their unprecedented positive run, fund sponsors are asking the question "Why diversify?" The answer: While results in non-U.S. equity, real assets, and alternatives have lagged U.S. equities in the last five years, their longer-term diversifying characteristics warrant consideration.

The active/passive discussion continues to loom large. The argument to retain active managers to protect in a down market and be nimble in a volatile, low-return environment is compelling to some, but many fund sponsors are weary of historical underperformance by active equity managers. Additionally, the use of passive management helps control costs.

Callan has observed the following trends over the last five years:

- The U.S. fixed income allocations for corporate plan sponsors has increased overall and has become more widely dispersed as plans take different steps to de-risk plan assets.
- Many public funds have increased their allocation to non-U.S.

- equity, real estate, and other alternatives at the expense of fixed income and U.S. equity. Simultaneously, some of the fixed income exposure has become more equity-like in nature, with allocations to areas like high yield.
- Endowments and foundations have continued to move assets from fixed income to asset classes with expectations for higher returns, such as global equity and real estate.

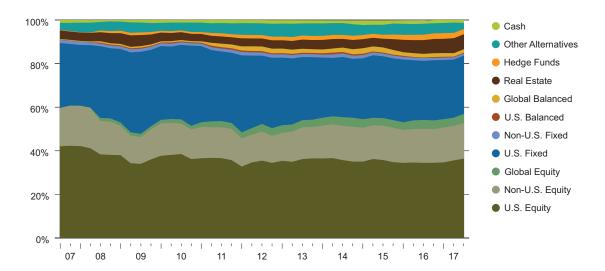
A 60% S&P 500/40% Bloomberg Barclays U.S. Aggregate Bond Index portfolio returned 10.4% over the year ended June 30, 2017. All of the broad fund sponsor groups tracked in Callan's database topped the 60/40 portfolio over that period.

Endowments and foundations underperformed other fund sponsor groups over the past three, five, and ten years. But they did have the best performance over the last year.

Taft-Hartley plans were the best-performing group over the past three and five years. Corporate plans beat other groups over the last 10 years.

### **Callan Public Fund Database Average Asset Allocation**

(10 Years)



Source: Callan. Callan's database includes the following groups: public defined benefit, corporate defined benefit, endowments/foundations, and Taft-Hartley plans. Approximately 10% to 15% of the database constituents are Callan's clients. All database group returns presented gross of fees. Past performance is no guarantee of future results. Reference to or inclusion in this report of any product, service, or entity should not be construed as a recommendation, approval, affiliation, or endorsement of such product, service, or entity by Callan.

## **Global Equity**

### U.S. Stocks: Shocks, but No Slowing

+3.0%
RUSSELL 3000

Despite an increase in interest rates and turbulent events in the news, including disruptions within the Trump administration and terrorist attacks in

the U.K., U.S. stocks continued to inch higher during the second quarter. Amid this volatile macro backdrop, S&P 500 companies reported the strongest quarterly earnings growth rate in six years (70% reported profits above expectations), and the **S&P 500 Index** hit a record high during the quarter.

Large cap stocks outperformed mid and small caps (S&P 500 Index: +3.1%; **Russell 2000 Index:** +2.5%). Strong earnings reports out of large cap stocks contributed to their leg up over small cap. Large cap was also buoyed by the continued flow of assets into passively managed strategies, especially ETF vehicles.

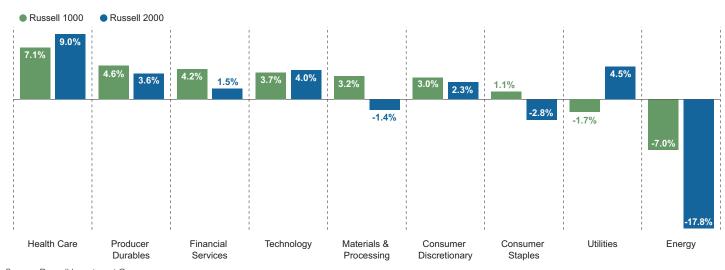
Small cap valuations kept stretching higher and, as a result, investors continued to take profits following a boon year in 2016. The continued expansion in small cap multiples may be giving some investors pause, particularly as the current economic upturn is nearing nine years.

Growth outperformed value across large and small caps (Russell 1000 Growth: +4.7% vs. Russell 1000 Value: +1.3%; Russell 2000 Growth: +4.4% vs. Russell 2000 Value: +0.7%). The strong-performing "FAAMG" stocks (Facebook, Amazon, Apple, Microsoft, and Google) comprised 22% of the S&P 500's return in the second quarter versus 32% in the first. Investors continued to be drawn to the top-line growth prospects and market share gains at these large, established firms.

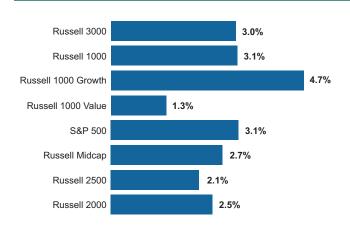
Investor sentiment broadened across sectors in the second quarter compared to the first, as a wider range of firms reported positive results. Top sectors in the S&P 500 included Health Care (+7.1%), which rallied on the Trump administration's prospect of change to the Affordable Care Act; Industrials (+4.7%), which benefited from declining commodity prices; Financials (+4.2%), spurred by the Fed's announcement that 34 of the largest banks passed their stress tests, the largest cohort to do so since the tests began; and Tech (+4.1%), on the continued rise of those FAAMG stocks.

Energy (-6.4%) and Telecom (-7.0%) were the laggards. Crude oil prices fell due to an increase in supply, the result of a milder winter. In addition, improving efficiency within the U.S. fracking

#### **Quarterly Performance of Select Sectors**

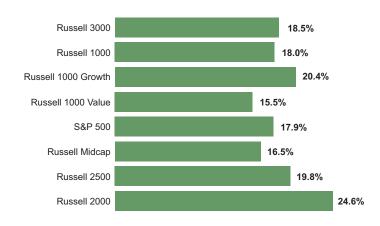


## U.S. Equity: Quarterly Returns



Sources: Russell Investment Group and Standard & Poor's

#### **U.S. Equity: One-Year Returns**



Sources: Russell Investment Group and Standard & Poor's

industry impacted prices. Within Telecom, competition for market share intensified in the increasingly commoditized (and consolidated) space.

Value stocks were hurt by Consumer Staples companies resetting to more sensible valuations following the strong rally in 2016 that resulted from the "yield trade," as investors sought the safety of strong dividends and lower-volatility stocks.

From a factor perspective, Momentum (+7.9%) was the topperforming factor while Enhanced Value (weighted to the forward price-earnings ratio, enterprise value/cash flow from operations, and price-to-book value of stocks in the factor) fared worst (+1.3%). Momentum was favored as investors sought stocks with demonstrated earnings growth.

## Non-U.S. Stocks: Europe's Recovery a Boost

+5.8% MSCI ACWI EX USA Non-U.S. developed equity outperformed the U.S. for the second consecutive quarter, fueled by economic recovery in Europe and marketfriendly outcomes in European elec-

tions. The MSCI Europe Index jumped 7.4% and the MSCI World ex USA Index notched a 5.6% gain, compared to the 3.1% rise in the S&P 500.

Gains were broad-based and helped by weakness in the U.S. dollar, which lost about 7% versus the euro and 5% versus a broad basket of currencies.

The euro rallied as a result of hawkish comments from the European Central Bank, coupled with improving European economic and sentiment indicators. European Financials benefited from expectations of higher rates, and European Industrials were propped up by stronger economic expectations.

Energy and Telecom Services were the only sectors in developed markets with negative second quarter returns. Energy fell as oil prices continued to languish due to an imbalance between supply and demand—despite OPEC's efforts to cut production. Telecom Services were buffeted by pricing pressure.

Within the MSCI indices, Europe ex-U.K. was up 8.4%, the U.K. gained 4.7%, and Japan returned 5.2%. Small caps outperformed; the MSCI EAFE Small Cap Index rose 8.1%.

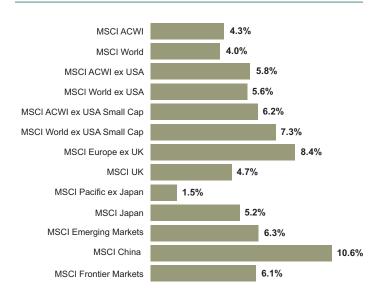
Looking at the global picture for stocks, the MSCI ACWI Index gained 4.3%, and developed and emerging markets outperformed the U.S. (MSCI ACWI ex USA Index: +5.8%), due largely to broad-based weakness in the U.S. dollar.

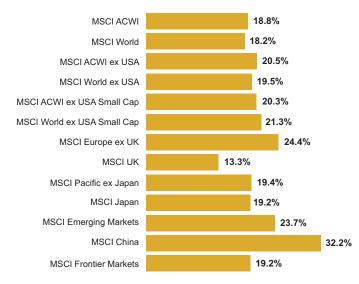
Non-U.S. Equity: Quarterly Returns



#### Non-U.S. Equity: One-Year Returns

(U.S. Dollar)





Source: MSCI

Source: MSCI

## **Emerging Markets: Tech Triumphs**

+6.3%
MSCI EM

Emerging markets outpaced the developed markets for the second straight quarter, propelled by Technology companies in China,

South Korea, and Taiwan. The **MSCI Emerging Markets Index** gained 6.3%. Industry leaders in online and mobile commerce, payments, digital media, cloud computing, and smartphones are monopolizing the markets. That includes Tencent and Alibaba in China; Samsung in South Korea; and Taiwan Semiconductor Manufacturing in Taiwan.

Positive economic momentum and European election results placed Greece (+33.8%) and Hungary (+19.4%) as the top two performing countries in emerging markets. China rose 10.6%, while India's gain was muted at +2.9%, though it remains a top performer year-to-date (+21%). The three worst-performing countries were Qatar (-10.9%), Russia (-10.0%), and Brazil (-6.7%). Qatar was hit after four Arab nations (Saudi Arabia, the United Arab Emirates, Egypt, and Bahrain) imposed an embargo, accusing the country of backing terrorism. Russia slumped because of declining oil prices and looming new

sanctions. And continuing political instability in Brazil (including President Michel Temer's bribery scandal) and commodity prices weighed on the country.

Quality, growth, and momentum factors dominated the market given the returns of large cap technology companies.

## Non-U.S. Small Cap: All Over the Map

+6.2%

MSCI ACWI EX US SC

Developed non-U.S. small cap stocks outperformed large cap equity, as they were better positioned for the local economic recovery in Europe.

But small cap equity lagged large cap in emerging markets, due to the performance of the large cap tech companies. The MSCI World ex USA Small Cap Index climbed 7.3% while the MSCI Emerging Markets Small Cap Index increased 2.6%.

Energy was the worst-performing sector in developed and emerging markets due to declining oil prices, which also caused growth to outperform value in developed small cap. Financials, the top performing sector for the quarter, offset Energy; on the heels of positive economic data and election results, Eastern European Financials rallied.

## Global Fixed Income

#### U.S. Bonds: On the Hunt for Yield

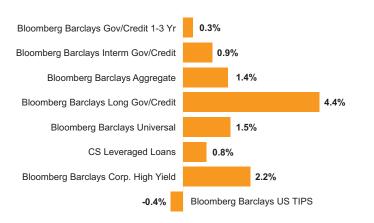
**+1.4%**BB AGGREGATE

Corporate bonds performed best in the second quarter on strong demand. Investors continued their hunt for stable yields that are higher than what is

available for like-duration government bonds. The **Bloomberg Barclays US Corporate Bond Index** was up 2.5% (+3.8% year to date), while the **Bloomberg Barclays US Aggregate Bond Index** rose 1.4% (+2.3% YTD). Credit fundamentals remained strong with solid earnings growth and a modest (but acceptable) economic growth environment; corporate balance sheets appeared to be in good shape. And although rates have moved higher on the front end, overall the curve has flattened; the demand for yield is providing support for spread sectors broadly.

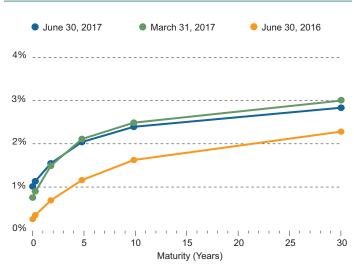
The Bloomberg Barclays Corporate High Yield Index increased 2.2%. Low interest rates continued to be a catalyst pushing investors out the risk spectrum in search of higher yields. Default expectations are low across most sectors, providing some comfort to investors. Energy was the only high-yield sector to decline (-0.66%). Rising inventories and concern over OPEC policy put pressure on oil prices, which have fallen approximately 17% so far this year.

#### U.S. Fixed Income: Quarterly Returns



Sources: Bloomberg Barclays and Credit Suisse

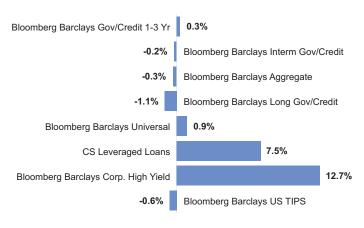
### **U.S. Treasury Yield Curves**



Source: Bloombera

In the government market, municipal bonds outperformed Treasuries. The **Bloomberg Barclays Municipal Bond Index** was up 2.0%, compared to the **Bloomberg Barclays US Treasury Index** (+1.2%). Results were bolstered by lowered expectations for tax reform and favorable supply/demand technicals. The Fed, viewing inflation weakness as temporary, raised rates by 25 basis points, as expected. The yield curve flattened over the quarter, with short rates rising and longer

#### U.S. Fixed Income: One-Year Returns



Sources: Bloomberg Barclays and Credit Suisse

#### **GLOBAL FIXED INCOME** (Continued)

rates falling. The 10-year U.S. Treasury yield closed the quarter at 2.31%, down from 2.40% as of March 31, though it hit a 2017 low of 2.12% earlier in June. The 2-year U.S. Treasury yield climbed 11 bps to close at 1.38%.

TIPS underperformed as expectations for inflation sank, a reversal from the previous quarter; the **Bloomberg Barclays US TIPS Index** fell 0.4%. The 10-year breakeven spread (the difference between nominal and real yields) was 1.73% as of quarterend, down from 1.97% at the end of the first quarter, as inflation came in below expectations for the third consecutive month.

### Non-U.S. Bonds: Our Pain, Their Gain

**+3.5%**BB GBL AGG EX US

Aweaker U.S. dollar helped unhedged non-U.S. bonds and hindered hedged bonds. The Bloomberg Barclays Global Aggregate ex-US Bond

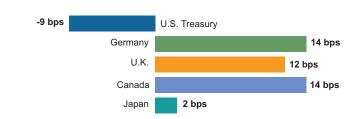
Index (unhedged) jumped 3.5%, while the hedged Index rose only 0.6%. The U.S. dollar lost nearly 7% versus the euro and almost 5% versus a broad basket of developed market currencies. Positive economic growth and hawkish rhetoric from the European Central Bank (ECB) and the Bank of England drove strong results in the euro and the British pound compared to the U.S. dollar. The quarter closed with an upbeat assessment of the euro zone's recovery from the president of the ECB, Mario Draghi, fueling speculation that the tapering of ECB asset purchases may be on the horizon. This change

in tone spooked investors and sent global yields higher and stocks lower going into guarter-end.

Despite growing geopolitical tension and pressure on energy and commodity prices, the demand for yield drove returns in emerging market (EM) debt amid a strong technical climate supported by robust investor flows. The dollar-denominated JPM EMBI Global Diversified Index was up 2.2%, and the local currency-denominated JPM GBI-EM Global Diversified Index jumped even more sharply, rising 3.6%. The weaker U.S. dollar and relatively higher local yields pushed EM local debt returns higher for the quarter and the year, continuing the post-election rebound.

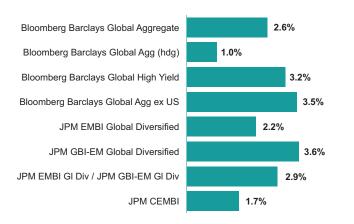
#### Change in 10-year Global Government Bond Yields

1Q17 to 2Q17



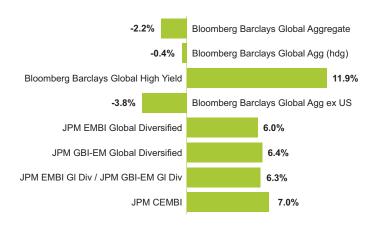
Source: Bloomberg Barclays

Non-U.S. Fixed Income: Quarterly Returns



Sources: Bloomberg Barclays and JP Morgan

Non-U.S. Fixed Income: One-Year Returns



Sources: Bloomberg Barclays and JP Morgan

## **Some Positive Signs Emerging**

#### REAL ESTATE | Kevin Nagy

The NCREIF Property Index advanced 1.8% during the second quarter (1.2% from income and 0.6% from appreciation). This marked the 34th consecutive quarter of positive returns for the Index. Appreciation return increased from the previous guarter, the first such gain since the first quarter of 2015.

Industrial (+3.1%) was the best-performing sector for the fifth consecutive guarter with Hotel (+1.8%), Office (+1.6%), Retail (+1.5%), and Apartments (+1.5%) also gaining. The West region was the strongest performer for the third quarter in a row, returning 2.2%, and the Midwest lagged with a 1.3% return. Transaction volume increased to \$7.7 billion, up 11% from the first guarter but down 14.5% from the second guarter of 2016. Appraisal capitalization rates increased to 4.5%, slightly up from last quarter. Transaction capitalization rates fell to 6.1% from last quarter's 12-quarter high of 6.3%. The spread between appraisal and transaction rates decreased to 1.6 percentage points.

Occupancy rates fell for the second consecutive guarter to 92.8%. Apartment and Retail occupancy rates increased slightly while Industrial and Office rates decreased.

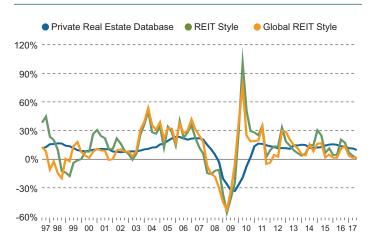
The NCREIF Open End Diversified Core Equity Index rose 1.7% (1.1% from income and 0.6% from appreciation), a decline from the first guarter and the lowest since 2010. Income returns increased slightly and appreciation fell to a new seven-year low.

Global real estate investment trusts (REITs), tracked by the FTSE EPRA/NAREIT Developed REIT Index (USD), posted a 3.1% return, outpacing U.S. REITs, which gained 1.5% as measured by the FTSE NAREIT Equity REITs Index.

In the U.S., REITs rebounded in June after being relatively flat in April and negative in May. Retail (-7.6%) was again the worst performer, depressed by weak earnings results from large retailers and the growing market share of e-commerce. Self-Storage (-2.7%), Specialty (-0.6%), and Timber (-0.1%) also fell. Health Care (+5.3%) remained strong as efforts to overturn the Affordable Care Act faltered. Industrial (+12.0%), Data Centers (+9.2%), Infrastructure (+8.8%), and Residential (+6.0%) all experienced strong gains.

Europe, as represented by the FTSE EPRA/NAREIT Europe Index, was the strongest performing region, returning 10.6% in U.S. dollar terms. The euro's appreciation against the dollar was a major driver of returns, as was strong, diversified growth across the majority of the region's economies. The successful takeover of several Spanish and Italian banks boosted continental European stocks and helped them outperform their U.K. peers.

## **Rolling One-Year Returns**

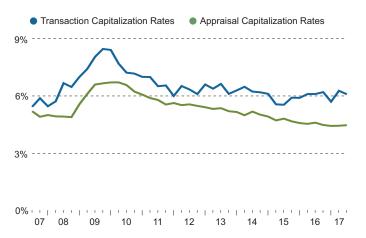


Source: Callan

<sup>\*</sup>Index subreturns are calculated separately from index return and may not total.

## **REAL ESTATE** (Continued)

### **NCREIF Transaction and Appraisal Capitalization Rates**



Source: NCREIF

Note: Transaction capitalization rate is equal weighted.

The Asia-Pacific region outperformed the U.S. but lagged Europe. Singapore and Hong Kong again provided the strongest regional performance while Australia lagged behind, hurt by a weak retail sector. Japanese REITs suffered negative returns this quarter, but strong results from Japanese developers were enough to push the aggregate real estate index to a positive return.

### **NCREIF Capitalization Rates by Property Type**



Source: NCREIF

Note: Capitalization rates are appraisal-based.

Commercial mortgage-backed securities (CMBS) issuance for the guarter increased to \$20.2 billion, a 79% increase over \$13.9 billion in the first quarter. This also represented a 44.1% increase over the second quarter of 2016 (\$11.3 billion).

## **Happy Campers**

#### PRIVATE EQUITY | Gary Robertson

New private equity partnership commitments totaled \$85.5 billion in the second quarter, with 319 new partnerships formed, according to Private Equity Analyst. The number of funds increased 3% from 310 in the first guarter, and the dollar volume rose 7% from \$80.0 billion. Apollo IX raised the most capital in the guarter, \$23.5 billion, and subsequently topped up to \$24.6 billion for the final close—the largest buyout fund ever raised. The largest European (CVC VII: \$19 billion) and Asian (KKR Asia III: \$9.3 billion) funds were also closed this quarter.

Investments by funds into companies totaled 127 deals, up 69% from 75 in the prior quarter, according to Buyouts newsletter. The announced total volume was \$72 billion, up 177% from \$26 billion in the first quarter. Fifteen deals with announced values of \$1 billion or more closed in the quarter.

New investments in venture capital companies totaled 1,963 rounds of financing with \$21.8 billion of announced value, according to the National Venture Capital Association. The number of rounds closely mirrored the 1,954 in the first quarter, but announced dollar value increased 36% from \$16.0 billion.

Buyouts reports there were 161 private M&A exits of buyoutbacked companies, with 41 deals disclosing values totaling

Funds Closed January 1 to June 30, 2017

Strategy	No. of Funds	Amt (\$mm)	Percent
Venture Capital	282	16,421	10%
Buyouts	220	120,352	73%
Subordinated Debt	26	7,326	4%
Distressed Debt	13	7,189	4%
Secondary and Other	23	5,249	3%
Fund-of-funds	65	8,945	5%
Totals	629	165,481	100%

Source: Private Equity Analyst Figures may not total due to rounding

\$18.3 billion. The M&A exit count was flat with the prior quarter's 162, but the announced value increased 15% from \$15.9 billion. There were seven buyout-backed IPOs in the second quarter (a two-year high), raising an aggregate \$2.0 billion. The number increased from five the prior quarter, but the total proceeds decreased from \$3.1 billion.

Venture-backed exits (both private sales and IPOs) totaled 156 transactions, and disclosed value totaled \$10.5 billion. Exits declined 19% from the first quarter's 192, and the dollar volume declined 28% from \$14.6 billion.

Please see our upcoming issue of Private Markets Trends for more in-depth coverage.

Private Equity Performance Database (%) (Pooled Horizon IRRs through March 31, 2017\*)

3 Months	Year	3 Years	5 Years	10 Years	15 Years	20 Years
3.17	6.77	12.30	14.35	9.71	7.66	21.22
4.16	12.02	9.70	11.51	10.34	11.37	13.60
4.34	14.55	10.29	12.76	9.19	13.54	12.56
2.83	9.47	8.13	9.70	8.83	9.52	9.06
3.37	14.72	6.83	10.55	9.29	10.83	10.70
3.95	12.61	10.07	12.52	9.39	11.70	13.15
6.07	17.17	10.37	13.30	7.51	7.09	7.86
5.74	18.07	9.76	13.18	7.54	7.44	8.11
	3.17 4.16 4.34 2.83 3.37 3.95 6.07	3.17 6.77 4.16 12.02 4.34 14.55 2.83 9.47 3.37 14.72 3.95 12.61 6.07 17.17	3.17     6.77     12.30       4.16     12.02     9.70       4.34     14.55     10.29       2.83     9.47     8.13       3.37     14.72     6.83       3.95     12.61     10.07       6.07     17.17     10.37	3.17     6.77     12.30     14.35       4.16     12.02     9.70     11.51       4.34     14.55     10.29     12.76       2.83     9.47     8.13     9.70       3.37     14.72     6.83     10.55       3.95     12.61     10.07     12.52       6.07     17.17     10.37     13.30	3.17     6.77     12.30     14.35     9.71       4.16     12.02     9.70     11.51     10.34       4.34     14.55     10.29     12.76     9.19       2.83     9.47     8.13     9.70     8.83       3.37     14.72     6.83     10.55     9.29       3.95     12.61     10.07     12.52     9.39       6.07     17.17     10.37     13.30     7.51	3.17         6.77         12.30         14.35         9.71         7.66           4.16         12.02         9.70         11.51         10.34         11.37           4.34         14.55         10.29         12.76         9.19         13.54           2.83         9.47         8.13         9.70         8.83         9.52           3.37         14.72         6.83         10.55         9.29         10.83           3.95         12.61         10.07         12.52         9.39         11.70           6.07         17.17         10.37         13.30         7.51         7.09

Private equity returns are net of fees.

Sources: Standard & Poor's and Thomson Reuters/Cambridge

\*Most recent data available at time of publication.

Note: Transaction count and dollar volume figures across all private equity measures are preliminary figures and are subject to update in subsequent versions of Capital Market Review and other Callan publications.

## As the World Churns, Despacito

#### **HEDGE FUNDS | Jim McKee**

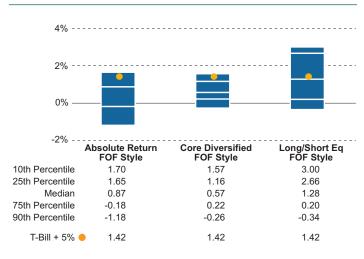
Stock lovers embraced the slowly shifting narrative of global growth appearing in Europe and Japan in the second quarter. Fixed income markets were unsettled when the European Central Bank hinted at potentially tapering its bond purchase program.

The quarter's market conditions provided a friendly setting for hedge funds seeking alternative risks. Illustrating raw hedge fund performance without implementation costs, though net of underlying hedge fund fees, the **Credit Suisse Hedge Fund Index** (CS HFI) rose 0.8%. As a live hedge fund portfolio, net of all fees and expenses, the median manager in the **Callan Hedge Fund-of-Funds Database** advanced 0.9%.

Within the CS HFI, *Long/Short Equity* (+3.1%) repeated as the best-performing strategy for the second straight quarter. *Risk Arbitrage* rallied 2.7% while *Distressed* appreciated 1.6%. *Convertible Arb* (+0.2%) and *Equity Market Neutral* (+0.4%) experienced more modest gains. In last place for the second straight quarter, *Managed Futures* lost 3.4%. Even the more discretionary *Global Macro* (-1.8%) lost its footing with the unexpected turn of top-down themes.

Within Callan's **Hedge Fund-of-Funds Database**, the median *Callan Long/Short Equity FOF* (+1.3%) outpaced the *Callan Absolute Return FOF* (+0.9%). With diversifying exposures to both non-directional and directional styles, the *Core Diversified FOF* gained 0.6%.

### Callan Style Group Quarterly Returns



Sources: Callan and Merrill Lynch

### Callan Database Median and Index Returns\* for Periods ended June 30, 2017

Quarter	YTD	Year	3 Years	5 Years	10 Years	15 Years
0.94	3.26	8.12	1.78	5.39	2.90	4.88
0.76	2.85	5.84	1.54	4.47	3.18	5.84
0.36	2.50	1.38	-0.40	1.89	-3.18	0.42
0.21	2.46	6.82	1.90	3.53	3.42	4.67
1.62	3.97	8.66	3.26	4.62	3.44	4.11
2.29	5.11	9.05	5.53	7.41	4.88	7.02
1.64	3.90	10.58	0.28	5.90	3.45	7.25
2.73	3.97	7.19	1.89	3.18	3.23	3.95
0.76	3.67	8.73	-2.05	4.09	2.83	6.30
3.06	6.62	8.40	2.97	7.00	3.73	6.49
-1.77	-1.54	3.58	1.43	2.79	4.85	7.47
-3.40	-4.38	-12.70	1.26	0.06	1.49	4.07
2.67	7.05	11.25	4.30	5.91	3.47	8.10
	0.94 0.76 0.36 0.21 1.62 2.29 1.64 2.73 0.76 3.06 -1.77 -3.40	0.94     3.26       0.76     2.85       0.36     2.50       0.21     2.46       1.62     3.97       2.29     5.11       1.64     3.90       2.73     3.97       0.76     3.67       3.06     6.62       -1.77     -1.54       -3.40     -4.38	0.94         3.26         8.12           0.76         2.85         5.84           0.36         2.50         1.38           0.21         2.46         6.82           1.62         3.97         8.66           2.29         5.11         9.05           1.64         3.90         10.58           2.73         3.97         7.19           0.76         3.67         8.73           3.06         6.62         8.40           -1.77         -1.54         3.58           -3.40         -4.38         -12.70	0.94         3.26         8.12         1.78           0.76         2.85         5.84         1.54           0.36         2.50         1.38         -0.40           0.21         2.46         6.82         1.90           1.62         3.97         8.66         3.26           2.29         5.11         9.05         5.53           1.64         3.90         10.58         0.28           2.73         3.97         7.19         1.89           0.76         3.67         8.73         -2.05           3.06         6.62         8.40         2.97           -1.77         -1.54         3.58         1.43           -3.40         -4.38         -12.70         1.26	0.94         3.26         8.12         1.78         5.39           0.76         2.85         5.84         1.54         4.47           0.36         2.50         1.38         -0.40         1.89           0.21         2.46         6.82         1.90         3.53           1.62         3.97         8.66         3.26         4.62           2.29         5.11         9.05         5.53         7.41           1.64         3.90         10.58         0.28         5.90           2.73         3.97         7.19         1.89         3.18           0.76         3.67         8.73         -2.05         4.09           3.06         6.62         8.40         2.97         7.00           -1.77         -1.54         3.58         1.43         2.79           -3.40         -4.38         -12.70         1.26         0.06	0.94         3.26         8.12         1.78         5.39         2.90           0.76         2.85         5.84         1.54         4.47         3.18           0.36         2.50         1.38         -0.40         1.89         -3.18           0.21         2.46         6.82         1.90         3.53         3.42           1.62         3.97         8.66         3.26         4.62         3.44           2.29         5.11         9.05         5.53         7.41         4.88           1.64         3.90         10.58         0.28         5.90         3.45           2.73         3.97         7.19         1.89         3.18         3.23           0.76         3.67         8.73         -2.05         4.09         2.83           3.06         6.62         8.40         2.97         7.00         3.73           -1.77         -1.54         3.58         1.43         2.79         4.85           -3.40         -4.38         -12.70         1.26         0.06         1.49

<sup>\*</sup>Returns less than one year are not annualized. Sources: Callan and Credit Suisse.

## **Best Return for DC Index Since 2013**

### **DEFINED CONTRIBUTION | Tom Szkwarla**

The Callan DC Index™ climbed 4.7% in the first guarter, its highest quarterly return since the end of 2013. This performance builds on results for 2016, when the Index rose 8.0%. But the DC Index did markedly lag the Age 45 Target Date Fund (+5.6%). In rising markets target date funds (TDFs) tend to outperform the DC Index because the average TDF has a higher allocation to equities than the average defined contribution (DC) plan.

During the quarter, plan balances grew 4.74%; investment returns accounted for the vast majority (4.67% vs. 0.07% for contributions). Since inception of the Index, plan sponsor and participant contributions have accounted for about a quarter of its growth.

Emerging market stocks, while a small part of DC plans, represented the sole equity asset class to witness inflows. This is not surprising given their strong showing during the period—DC flows often chase performance. Most other asset classes saw outflows in the first quarter, with the exception of TDFs, which dominated inflows as usual. In the first quarter, TDFs attracted over 88 cents of every dollar that moved within DC plans.

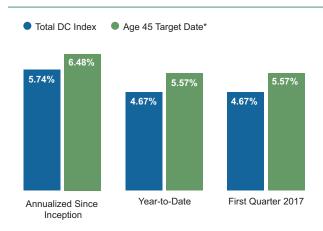
Turnover (i.e., net transfer activity within DC plans) was low this quarter (0.42%) compared to the historical average (0.64%).

The Callan DC Index's equity allocation ended the guarter at 69%, well below the average equity allocation of the Age 45 Target Date Fund (76%) but above the Index's historical average (67%).

When TDFs are held within a DC plan, they now account for 32% of plan assets. The next largest plan holding, U.S. large cap equity funds, account for less than 23% of plan assets.

The Callan DC Index is an equally weighted index tracking the cash flows and performance of nearly 90 plans, representing more than one million DC participants and over \$135 billion in assets. The Index is updated quarterly and is available on Callan's website, as is the quarterly DC Observer newsletter.

#### **Investment Performance**



#### **Growth Sources**



## **Net Cash Flow Analysis (First Quarter 2017)**

(Top Two and Bottom Two Asset Gatherers)

Asset Class	Flows as % of Total Net Flows
Target Date Funds	88.69%
U.S. Fixed Income	7.25%
Company Stock	-15.92%
Stable Value	-36.49%
Total Turnover**	0.42%

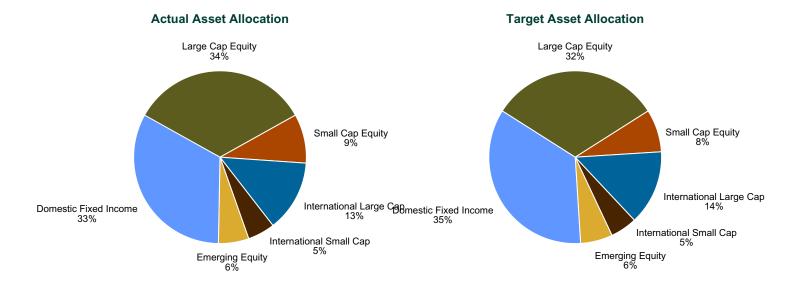
Data provided here is the most recent available at time of publication. Source: Callan DC Index

Note: DC Index inception date is January 2006.

- \* The Age 45 Fund transitioned from the average 2030 TDF to the 2035 TDF in June 2013.
- \*\* Total Index "turnover" measures the percentage of total invested assets (transfers only, excluding contributions and withdrawals) that moved between asset classes.

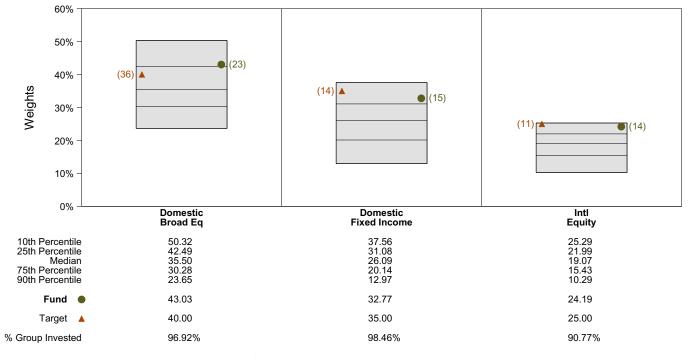
# Actual vs Target Asset Allocation As of June 30, 2017

The top left chart shows the Fund's asset allocation as of June 30, 2017. The top right chart shows the Fund's target asset allocation as outlined in the investment policy statement. The bottom chart ranks the fund's asset allocation and the target allocation versus the CAI Public Fund Sponsor - Mid (100M-1B).



Asset Class	\$000s Actual	Weight Actual	Target	Percent Difference	\$000s Difference
Large Cap Equity	91.410	33.9%	32.0%	1.9%	5.004
Small Cap Equity	24,787	9.2%	8.0%	1.2%	3,185
International Large Cap	36,089	13.4%	14.0%	(0.6%)	(1,713)
International Small Cap	13,788	5.1%	5.0%	0.1%	(1, <mark>713)</mark> 287
Emerging Equity '	15,448	5.7%	6.0%	(0.3%)	(753)
Domestic Fixed Income	88,495	32.8%	35.0%	(2.2%)	(6,011)
Total	270 018	100.0%	100.0%	` '	

## Asset Class Weights vs CAI Public Fund Sponsor - Mid (100M-1B)



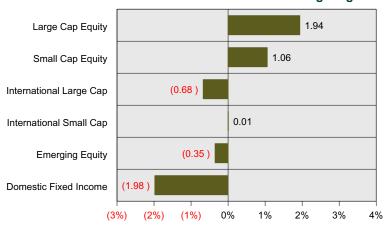
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## Quarterly Total Fund Relative Attribution - June 30, 2017

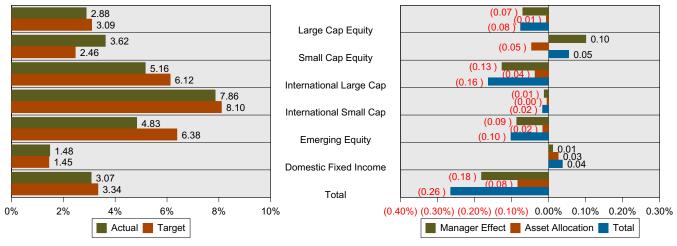
The following analysis approaches Total Fund Attribution from the perspective of relative return. Relative return attribution separates and quantifies the sources of total fund excess return relative to its target. This excess return is separated into two relative attribution effects: Asset Allocation Effect and Manager Selection Effect. The Asset Allocation Effect represents the excess return due to the actual total fund asset allocation differing from the target asset allocation. Manager Selection Effect represents the total fund impact of the individual managers excess returns relative to their benchmarks.

#### **Asset Class Under or Overweighting**



## **Actual vs Target Returns**

## **Relative Attribution by Asset Class**



#### Relative Attribution Effects for Quarter ended June 30, 2017

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	34%	32%	2.88%	3.09%	(0.07%)	(0.01%)	(0.08%)
Small Cap Equity	9%	8%	3.62%	2.46%	0.10%	(0.05%)	0.05%
International Large Cap	13%	14%	5.16%	6.12%	(0.13%)	(0.04%)	(0.16%)
International Small Cap	5%	5%	7.86%	8.10%	(0.01%)	(0.00%)	(0.02%)
Emerging Equity	6%	6%	4.83%	6.38%	(0.09%)	(0.02%)	(0.10%)
Domestic Fixed Income	e 33%	35%	1.48%	1.45%	0.01%	0.03%	0.04%
Total			3.07% =	3.34%	+ (0.18%)	+ (0.08%)	(0.26%)

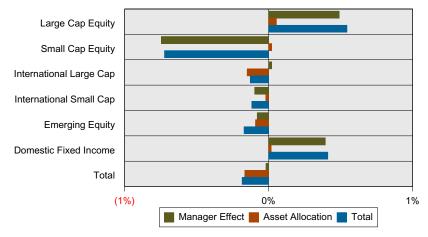
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## **Cumulative Total Fund Relative Attribution - June 30, 2017**

The charts below accumulate the Total Fund Attribution Analysis (shown earlier) over multiple periods to examine the cumulative sources of excess total fund performance relative to target. These cumulative results quantify the longer-term sources of total fund excess return relative to target by asset class. These relative attribution effects separate the cumulative sources of total fund excess return into Asset Allocation Effect and Manager Selection Effect.

#### **One Year Relative Attribution Effects**



#### **Cumulative Relative Attribution Effects**



#### One Year Relative Attribution Effects

Asset Class Large Cap Equity	Effective Actual Weight 34%	Effective Target Weight 32%	Actual Return 19.45%	Target Return 17.90%	Manager Effect 0.49%	Asset Allocation 0.05%	Total Relative <u>Return</u> 0.54%
Small Cap Equity	9%	8%	16.10%	24.60%	(0.75%)	0.02%	(0.72%)
International Large Ca		14%	20.62%	20.27%	0.02%	(0.15%)	(0.13%)
International Small Ca		5%	14.01%	16.09%	(0.10%)	(0.02%)	(0.12%)
Emerging Equity	5%	6%	22.62%	24.17%	(0.08%)	(0.09%)	(0.17%)
Domestic Fixed Incom	ie 34%	35%	0.69%	(0.31%)	0.39%	0.02%	`0.41%´_
			40.700/	10 = 10/	(0.000()	(0.4=0()	(0.400()
Total			12.52% =	= 12.71% +	(0.02%) +	(0.17%)	(0.18%)

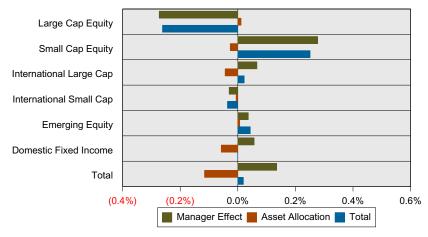
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## **Cumulative Total Fund Relative Attribution - June 30, 2017**

The charts below accumulate the Total Fund Attribution Analysis (shown earlier) over multiple periods to examine the cumulative sources of excess total fund performance relative to target. These cumulative results quantify the longer-term sources of total fund excess return relative to target by asset class. These relative attribution effects separate the cumulative sources of total fund excess return into Asset Allocation Effect and Manager Selection Effect.

#### **Three Year Annualized Relative Attribution Effects**



#### **Cumulative Relative Attribution Effects**



## Three Year Annualized Relative Attribution Effects

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	32%	31%	8.72%	9.61%	(0.27%)	0.01%	(0.26%)
Small Cap Equity	8%	8%	11.28%	7.36%	0.28%	(0.03%)	0.25%
International Large Ca	ap 16%	17%	1.60%	1.15%	0.07%	(0.04%)	0.02%
International Small Ca	ip 1%	2%	-	-	(0.03%)	(0.01%)	(0.04%)
Emerging Equity	5%	6%	2.26%	1.44%	0.04%	0.01%	0.04%
Domestic Fixed Incom	ne 36%	36%	2.66%	2.48%	0.06%	(0.06%)	_(0.00%)
Total			5.07% =	5.05%	+ 0.14% +	(0.12%)	0.02%

<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## Total Fund Period Ended June 30, 2017

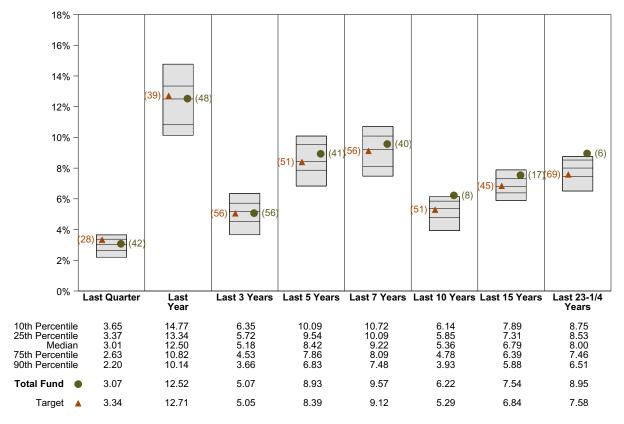
#### **Investment Philosophy**

\* Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.

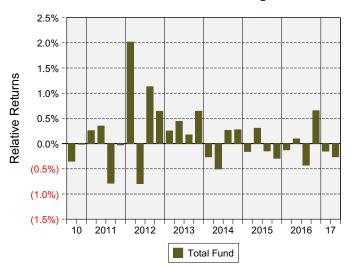
## **Quarterly Summary and Highlights**

- Total Fund's portfolio posted a 3.07% return for the quarter placing it in the 42 percentile of the CAI Public Fund Sponsor - Mid (100M-1B) group for the quarter and in the 48 percentile for the last year.
- Total Fund's portfolio underperformed the Target by 0.26% for the quarter and underperformed the Target for the year by 0.18%.

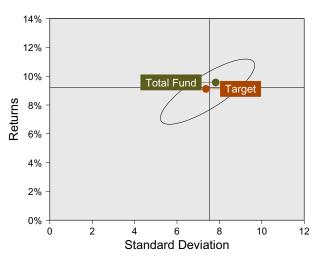
## Performance vs CAI Public Fund Sponsor - Mid (100M-1B) (Gross)



#### Relative Return vs Target



## CAI Public Fund Sponsor - Mid (100M-1B) (Gross) Annualized Seven Year Risk vs Return

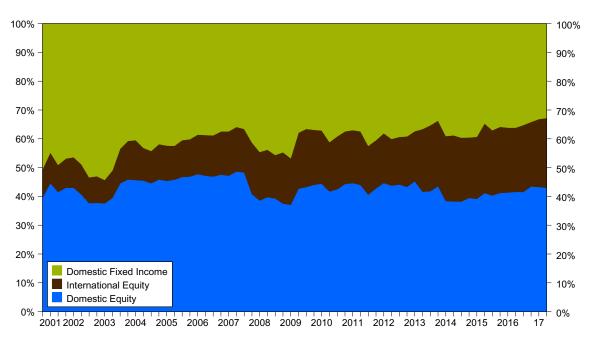




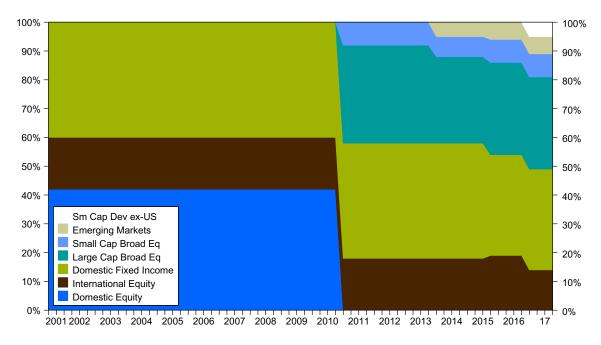
## **Actual vs Target Historical Asset Allocation**

The Historical asset allocation for a fund is by far the largest factor explaining its performance. The charts below show the fund's historical actual asset allocation, and the fund's historical target asset allocation.

## **Actual Historical Asset Allocation**



## **Target Historical Asset Allocation**



<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## **Investment Manager Asset Allocation**

The table below contrasts the distribution of assets across the Fund's investment managers as of June 30, 2017, with the distribution as of March 31, 2017. The change in asset distribution is broken down into the dollar change due to Net New Investment and the dollar change due to Investment Return.

## **Asset Distribution Across Investment Managers**

	June 30, 2017	Nat Navy Inv	Inv. Datum	March 31, 2017
Consolidated Plan	Market Value	Net New Inv.	Inv. Return	Market Value
Domestic Equity	\$116,196,519	\$(1,149,059)	\$3,455,415	\$113,890,163
Large Cap	\$91,409,611	\$(1,149,059)	\$2,588,953	\$89,969,717
Boston Partners	45,850,408	ψ(1,143,033) 0	1,190,464	44,659,944
		•		
SSgA S&P 500	45,559,203	(1,149,059)	1,398,488	45,309,773
Small Cap	\$24,786,908	\$0	\$866,462	\$23,920,446
Atlanta Capital	24,786,908	0	866,462	23,920,446
·	, ,		,	, ,
International Equity	\$65,326,150	\$0	\$3,231,794	\$62,094,356
International Large Cap	\$36,089,475	\$0	\$1,566,137	\$34,523,338
Brandes	9,297	0	355	8,942
JP Morgan	0,237	(25,953,819)	1,301,436	24,652,383
SSgA EAFE	10.483.335	(20,000,010)	621.321	9,862,013
Pyrford	25,596,843	25,953,819	(356,976)	3,002,013
i yilolu	20,000,040	20,000,010	(000,010)	
International Small Cap	\$13,788,329	\$0	\$974,860	\$12,813,469
AQR	13,788,329	0	974,860	12,813,469
Emerging Equity	\$15,448,346	\$0	\$690,798	\$14,757,549
DFA Emerging Markets	15,448,346	0	690,798	14,757,549
Fixed Income	\$88,495,034	\$0	\$1,289,873	\$87,205,161
Metropolitan West	88,495,034	0	1,289,873	87,205,161
			.,_55,576	5.,255,101
Total Plan - Consolidated	\$270,017,704	\$(1,149,059)	\$7,977,082	\$263,189,680



# Sacramento Regional Transit District Asset Growth

Ending June 30, 2017 (\$ Thousands)	Ending Market Value	Beginning Market = Value	Net New + Investment	Investment + Return
Total Plan				
1/4 Year Ended 6/2017 1/4 Year Ended 3/2017	270,017.7 263,189.7	263,189.7 253,159.1	(1,149.1) (930.2)	7,977.1 10,960.7
1/4 Year Ended 12/2016	253,159.1	251,635.0	(1,139.0)	2,663.2
1/4 Year Ended 9/2016 1/4 Year Ended 6/2016	251,635.0 244,029.2	244,029.2 240.502.3	(937.8)	8,543.5
1/4 Year Ended 3/2016	244,029.2 240,502.3	238,289.7	(684.5) (450.0)	4,211.5 2,662.6
1/4 Year Ended 12/2015	238,289.7	232,085.4	(816.4)	7,020.7
1/4 Year Ended 9/2015	232,085.4	246,970.5	(534.9)	(14,350.2)
1/4 Year Ended 6/2015 1/4 Year Ended 3/2015	246,970.5 247,920.3	247,920.3 243,017.9	(766.8) (295.4)	(183.0) 5,197.8
1/4 Year Ended 12/2014	243,017.9	238,642.3	(1,001.3)	5,377.0
1/4 Year Ended 9/2014	238,642.3	241,859.7	(632.5)	(2,584.9)
1/4 Year Ended 6/2014 1/4 Year Ended 3/2014	241,859.7 235,305.8	235,305.8 233,171.6	(752.1) (781.9)	7,306.0 2,916.1
1/4 Year Ended 12/2013	233,171.6	222,071.8	(913.1)	12,012.9
1/4 Year Ended 9/2013	222,071.8	212,659.5	(1,311.0)	10,723.3
1/4 Year Ended 6/2013 1/4 Year Ended 3/2013	212,659.5 212,527.3	212,527.3 202,131.0	(1,129.6) (1,047.2)	1,261.9 11,443.5
1/4 Year Ended 12/2012	202,131.0	199,766.3	(1,446.2)	3,810.9
1/4 Year Ended 9/2012	199,766.3	190,468.1	(1,283.9)	10,582.1



The table below details the rates of return for the Fund's investment managers over various time periods ended June 30, 2017. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

Returns for Periods Ended June 30, 2017

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Domestic Equity	3.04%	18.73%	9.24%	14.96%	15.69%
Domestic Equity Benchmark**	2.98%	19.30%	9.25%	14.51%	15.27%
Large Cap Equity	2.88%	19.45%	8.72%	14.76%	15.29%
Boston Partners	2.66%	20.96%	7.75%	14.82%	15.25%
Russell 1000 Value Index	1.34%	15.53%	7.36%	13.94%	14.31%
SSgA S&P 500	3.09%	17.97%	9.68%	14.68%	-
S&P 500 Index	3.09%	17.90%	9.61%	14.63%	15.41%
Small Cap Equity	3.62%	16.10%	11.28%	15.55%	17.30%
Atlanta Capital	3.62%	16.10%	11.28%	15.55%	17.30%
Russell 2000 Index	2.46%	24.60%	7.36%	13.70%	14.35%
International Equity	5.58%	20.30%	1.48%	7.96%	7.18%
Custom International Benchmark***	5.85%	20.43%	0.80%	8.14%	7.52%
International Large Cap	5.16%	20.62%	1.60%	-	-
SSgA EAFE	6.30%	20.69%	1.50%	8.96%	-
MSCI EAFE Index	6.12%	20.27%	1.15%	8.69%	7.91%
International Small Cap	7.86%	-	-	-	-
AQR	7.86%	-	-	-	-
MSCI EAFE Small Cap Index	8.10%	23.18%	5.60%	12.94%	11.40%
Emerging Markets Equity	4.83%	22.62%	2.26%	-	-
DFA Emerging Markets	4.83%	22.62%	2.26%	-	-
MSCI Emerging Mkts Index	6.38%	24.17%	1.44%	4.33%	4.22%
Domestic Fixed Income	1.48%	0.69%	2.66%	3.11%	4.29%
Met West	1.48%	0.69%	2.66%	3.11%	4.29%
Blmbg Aggregate Index	1.45%	(0.31%)	2.48%	2.21%	3.19%
Total Plan	3.07%	12.52%	5.07%	8.93%	9.57%
Target*	3.34%	12.71%	5.05%	8.39%	9.12%

<sup>\*\*\*</sup> Custom International Benchmark = MSCI EAFE until 6/30/2013, MSCI ACWI ex US until 7/31/2016, and MSCI ACWI ex US IMI thereafter.



<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80% S&P500, 20% Russell 2000 as of 5/1/2015

The table below details the rates of return for the Fund's investment managers over various time periods ended June 30, 2017. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

## Returns for Periods Ended June 30, 2017

	Last 10	Last 15	Last 20	Last 23-1/4	
	Years	Years	Years	Years	
Domestic Equity	8.06%	9.15%	7.67%		
Domestic Equity Benchmark**	7.23%	8.67%	7.59%	9.89%	
Russell 1000 Value Index	5.57%	8.09%	7.69%	9.84%	
S&P 500 Index	7.18%	8.35%	7.15%	9.67%	
Russell 2000 Index	6.92%	9.19%	7.98%	9.19%	
International Equity	0.89%	6.96%	8.23%	-	
MSCI EAFE Index	1.03%	6.31%	4.29%	5.08%	
Domestic Fixed Income	6.03%	5.86%	6.06%	-	
Met West	6.03%	5.86%	-	-	
Blmbg Aggregate Index	4.48%	4.48%	5.24%	5.56%	
Total Plan	6.22%	7.54%	7.51%	8.95%	
Target*	5.29%	6.84%	6.38%	7.58%	

<sup>\*\*</sup> Domestic Equity Benchmark = 80% S&P500, 20% Russell 2000 as of 5/1/2015



<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.

The table below details the rates of return for the Fund's investment managers over various time periods. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

	12/2016- 6/2017	2016	2015	2014	2013
Domestic Equity	7.50%	14.58%	0.06%	10.85%	36.44%
Domestic Equity Benchmark**	8.48%	13.85%	0.26%	12.07%	33.61%
Large Cap Equity	8.06%	13.38%	(1.17%)	12.81%	34.96%
Boston Partners	6.78%	14.71%	(3.75%)	11.87%	37.52%
Russell 1000 Value Index	4.66%	17.34%	(3.83%)	13.45%	32.53%
SSgA S&P 500	9.35%	12.03%	1.46%	13.77%	32.36%
S&P 500 Index	9.34%	11.96%	1.38%	13.69%	32.39%
Small Cap Equity	5.46%	19.17%	5.14%	3.49%	41.51%
Atlanta Capital	5.46%	19.17%	5.14%	3.49%	41.51%
Russell 2000 Index	4.99%	21.31%	(4.41%)	4.89%	38.82%
International Equity	15.69%	2.55%	(4.17%)	(3.72%)	16.66%
Custom International Benchmark***	14.30%	4.29%	(5.66%)	(3.87%)	20.07%
International Large Cap	14.02%	1.35%	(1.17%)	(4.41%)	20.27%
SSgA EAFE	14.13%	1.37%	(0.56%)	(4.55%)	22.80%
MSCI EAFE Index	13.81%	1.00%	(0.81%)	(4.90%)	22.78%
International Small Cap	16.52%	-	_	-	-
AQR	16.52%	-	-	-	-
MSCI EAFE Small Cap	16.72%	2.18%	9.59%	(4.95%)	29.30%
Emerging Markets Equity	19.35%	12.99%	(14.33%)	(0.28%)	-
DFA Emerging Markets	19.35%	12.99%	(14.33%)	(0.28%)	-
MSCI Emerging Mkts Index	18.60%	11.60%	(14.60%)	(1.82%)	(2.27%)
Domestic Fixed Income	2.44%	2.87%	0.51%	6.37%	(1.03%)
Met West	2.44%	2.87%	0.51%	6.37%	(1.03%)
Blmbg Aggregate Index	2.27%	2.65%	0.55%	5.97%	(2.02%)
Total Blow	7.500/	7.059/	(0.070/)	E C40/	47 740/
Total Plan	<b>7.56%</b>	<b>7.65%</b>	(0.97%)	<b>5.61%</b>	17.71%
Target*	7.99%	7.43%	(0.69%)	5.84%	16.00%

Returns are for annualized calendar years.

<sup>\*\*\*</sup> Custom International Benchmark = MSCI EAFE until 6/30/2013, MSCI ACWI ex US until 7/31/2016, and MSCI ACWI ex US IMI thereafter.



<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80% S&P500, 20% Russell 2000 as of 5/1/2015

The table below details the rates of return for the Sponsor's investment managersover various time periods. Negative returns are shown in red, positive returns in black.Returns for one year or greater are annualized. The first set of returns for each asset classrepresents the composite returns for all the fund's accounts for that asset class.

	2012	2011	2010	2009	2008
Domestic Equity	19.19%	2.08%	15.93%	32.93%	(36.27%)
Domestic Equity Benchmark**	16.09%	0.94%	17.33%	28.02%	(36.92%)
Boston Partners	21.95%	1.27%	13.61%	27.06%	(32.69%)
Russell 1000 Value Index	17.51%	0.39%	15.51%	19.69%	(36.85%)
S&P 500 Index	16.00%	2.11%	15.06%	26.47%	(37.00%)
Russell 2000 Index	16.35%	(4.18%)	26.85%	27.17%	(33.79%)
International Equity	17.28%	(10.64%)	6.51%	28.99%	(39.41%)
MSCI EAFE Index	17.32%	(12.14%)	7.75%	31.78%	(43.38%)
Domestic Fixed Income	9.48%	6.10%	12.52%	19.88%	(3.11%)
Met West	9.48%	6.10%	12.52%	19.88%	(3.11%)
Blmbg Aggregate Index	4.21%	7.84%	6.54%	5.93%	5.24%
Total Plan	14.80%	1.22%	12.70%	26.91%	(23.45%)
Target*	11.68%	1.52%	11.85%	20.02%	(23.33%)

<sup>\*\*</sup> Domestic Equity Benchmark = 80% S&P500, 20% Russell 2000 as of 5/1/2015



<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap. Returns are for annualized calendar years.

The table below details the rates of return for the Fund's investment managers over various time periods ended June 30, 2017. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

Returns for Periods Ended June 30, 2017

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Net of Fee Returns					
Domestic Equity	2.94%	18.29%	-	-	-
Large Cap Equity	2.81%	19.15%	-	-	-
Boston Partners	2.53%	20.41%	7.20%	14.22%	14.65%
Russell 1000 Value Index	1.34%	15.53%	7.36%	13.94%	14.31%
SSgA S&P 500	3.08%	17.91%	9.62%	14.63%	-
S&P 500 Index	3.09%	17.90%	9.61%	14.63%	15.41%
Small Cap Equity	3.42%	15.18%	-	-	_
Atlanta Capital	3.42%	15.18%	10.39%	14.64%	16.40%
Russell 2000 Index	2.46%	24.60%	7.36%	13.70%	14.35%
International Equity	5.41%	19.59%	-	-	-
International Large Cap	5.04%	20.02%	-	-	-
SSgA EAFE	6.27%	20.57%	1.39%	8.85%	-
MSCI EAFE Index	6.12%	20.27%	1.15%	8.69%	7.91%
International Small Cap	7.61%	-	_	_	-
AQR	7.61%	-	-	-	-
MSCI EAFE Small Cap Index	8.10%	23.18%	5.60%	12.94%	11.40%
Emerging Markets Equity	4.68%	21.88%	_	-	_
DFA Emerging Markets	4.68%	21.88%	1.63%	-	-
MSCI Emerging Mkts Index	6.38%	24.17%	1.44%	4.33%	4.22%
Domestic Fixed Income	1.41%	0.42%	_	-	-
Met West	1.41%	0.42%	2.38%	2.83%	4.01%
Blmbg Aggregate Index	1.45%	(0.31%)	2.48%	2.21%	3.19%
Total Plan	2.97%	12.09%	4.71%	8.55%	9.13%
Target*	3.34%	12.71%	5.05%	8.39%	9.12%

<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM Gross and 5.0% MSCI EAFE Small Cap.



## Domestic Equity Period Ended June 30, 2017

#### **Investment Philosophy**

Domestic Equity Benchmark = 80% S&P500, 20% Russell 2000 as of 5/1/2015

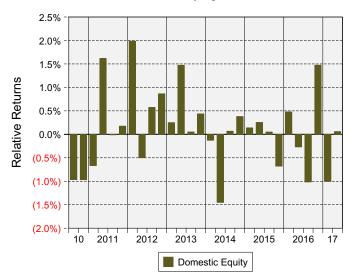
#### **Quarterly Summary and Highlights**

- Domestic Equity's portfolio posted a 3.04% return for the quarter placing it in the 55 percentile of the Fund Spnsr-Domestic Equity group for the quarter and in the 56 percentile for the last year.
- Domestic Equity's portfolio outperformed the Domestic Equity Benchmark by 0.06% for the quarter and underperformed the Domestic Equity Benchmark for the year by 0.57%.

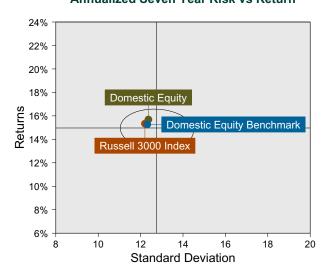
### Performance vs Fund Spnsr- Domestic Equity (Gross)



#### Relative Returns vs Domestic Equity Benchmark



Fund Spnsr- Domestic Equity (Gross)
Annualized Seven Year Risk vs Return



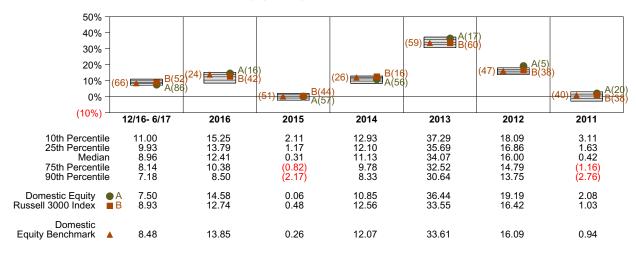


## Domestic Equity Return Analysis Summary

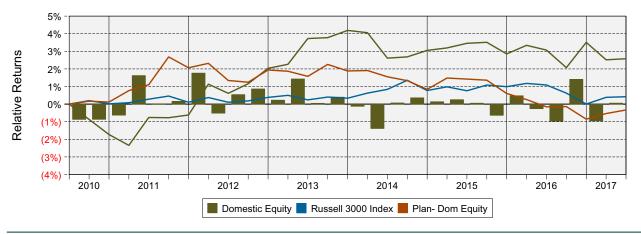
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

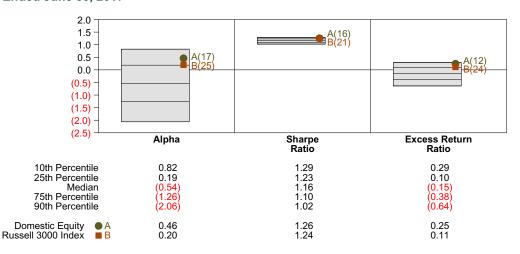
## Performance vs Fund Spnsr- Domestic Equity (Gross)



### **Cumulative and Quarterly Relative Return vs Domestic Equity Benchmark**



Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Fund Spnsr- Domestic Equity (Gross) Seven Years Ended June 30, 2017

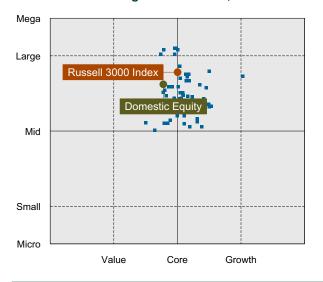




## Current Holdings Based Style Analysis Domestic Equity As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

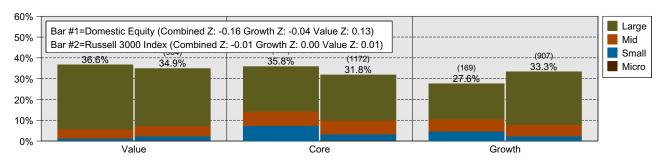
## Style Map vs Plan- Dom Equity Holdings as of June 30, 2017



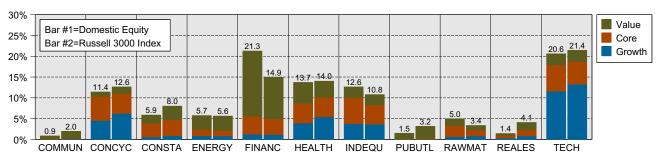
## Style Exposure Matrix Holdings as of June 30, 2017

	34.9% (904)	31.8% (1172)	33.3% (907)	100.0% (2983)
Total	36.6% (194)	35.8% (217)	27.6% (169)	100.0% (580)
	0.3% (281)	0.3% (347)	0.2% (199)	0.9% (827)
Micro				
	0.1% (1)	0.0% (0)	0.0% (0)	0.1% (1)
	2.1% (344)	2.9% (490)	2.2% (398)	7.2% (1232)
Small	1.1% (7)	7.3% (23)	4.7% (13)	13.1% (43)
	, ,	· , ,	, ,	· , ,
Mid	4.9% (175)	6.7% (237)	5.5% (206)	<b>17.2%</b> (618)
	4.5% (81)	7.0% (95)	5.9% (56)	17.4% (232)
Large	27.6% (104)	21.9% (98)	25.4% (104)	74.8% (306)
	30.9% (105)	21.5% (99)	17.0% (100)	69.4% (304)

## Combined Z-Score Style Distribution Holdings as of June 30, 2017



# Sector Weights Distribution Holdings as of June 30, 2017

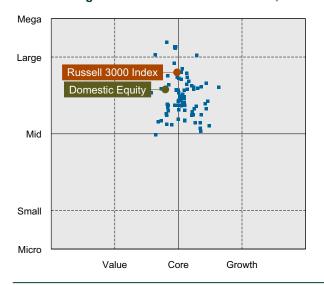




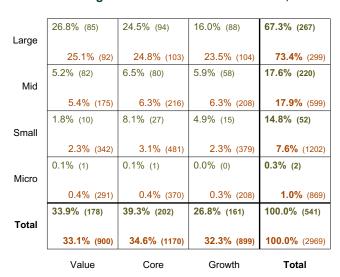
## Historical Holdings Based Style Analysis Domestic Equity For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The next two style exposure charts illustrate the actual quarterly cap/style and style only segment exposures of the portfolio through history.

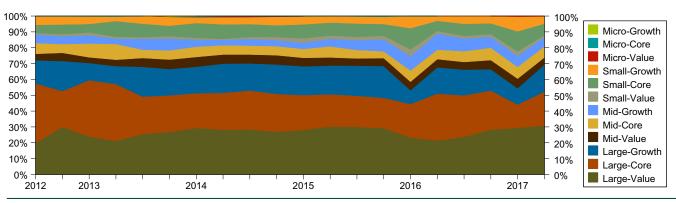
## Average Style Map vs Plan- Dom Equity Holdings for Five Years Ended June 30, 2017



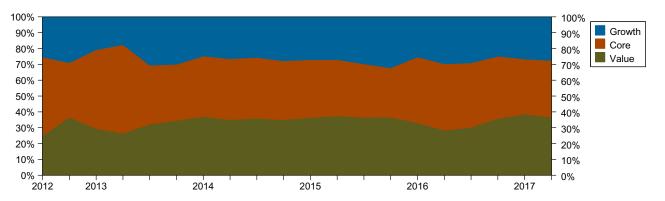
## Average Style Exposure Matrix Holdings for Five Years Ended June 30, 2017



#### **Domestic Equity Historical Cap/Style Exposures**



**Domestic Equity Historical Style Only Exposures** 



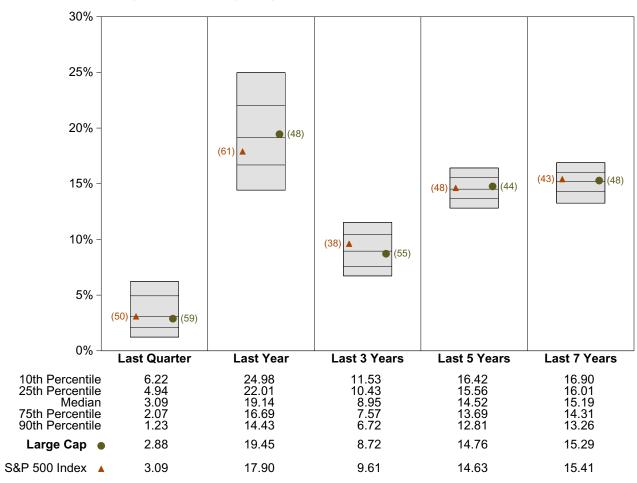


## Large Cap Period Ended June 30, 2017

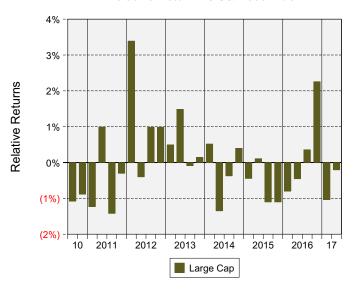
#### **Quarterly Summary and Highlights**

- Large Cap's portfolio posted a 2.88% return for the quarter placing it in the 59 percentile of the CAI Large Capitalization group for the quarter and in the 48 percentile for the last year.
- Large Cap's portfolio underperformed the S&P 500 Index by 0.20% for the quarter and outperformed the S&P 500 Index for the year by 1.56%.

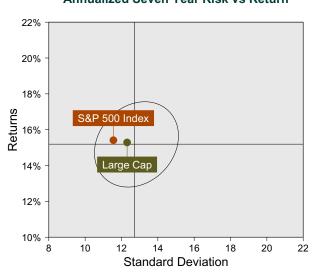
### Performance vs CAI Large Capitalization (Gross)



## Relative Return vs S&P 500 Index



## CAI Large Capitalization (Gross) Annualized Seven Year Risk vs Return



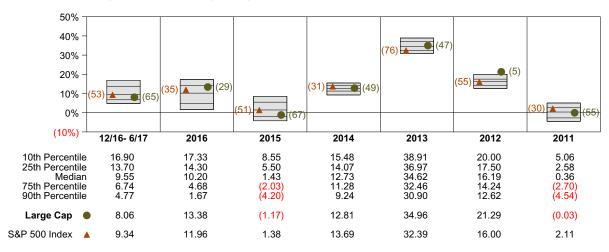


## Large Cap Return Analysis Summary

#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

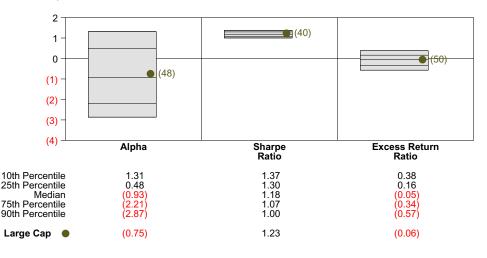
## Performance vs CAI Large Capitalization (Gross)



## Cumulative and Quarterly Relative Return vs S&P 500 Index



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against CAI Large Capitalization (Gross) Seven Years Ended June 30, 2017

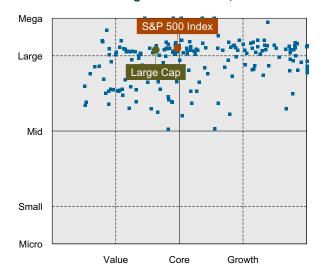




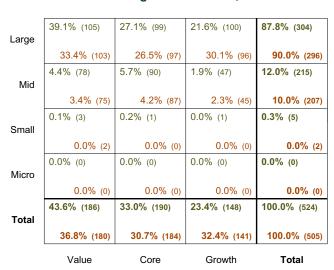
## Current Holdings Based Style Analysis Large Cap As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

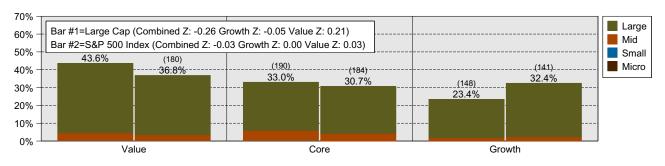
## Style Map vs CAI Large Capitalization Holdings as of June 30, 2017



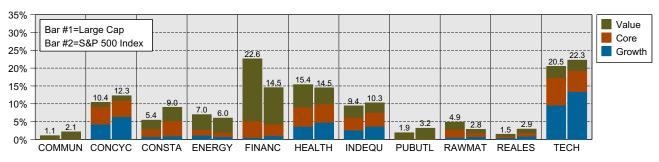
### Style Exposure Matrix Holdings as of June 30, 2017



## Combined Z-Score Style Distribution Holdings as of June 30, 2017



# Sector Weights Distribution Holdings as of June 30, 2017

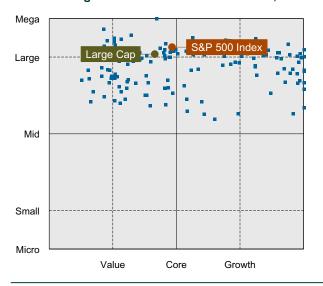




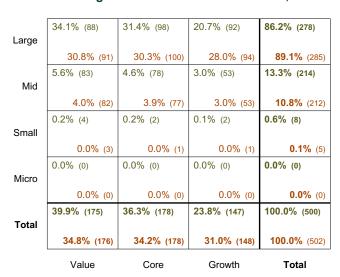
## Historical Holdings Based Style Analysis Large Cap For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The next two style exposure charts illustrate the actual quarterly cap/style and style only segment exposures of the portfolio through history.

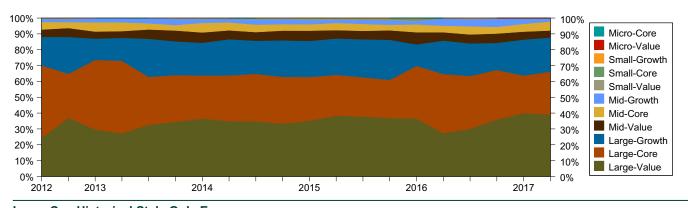
## Average Style Map vs CAI Large Capitalization Holdings for Five Years Ended June 30, 2017



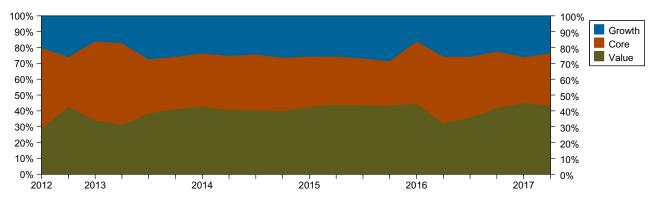
## Average Style Exposure Matrix Holdings for Five Years Ended June 30, 2017



Large Cap Historical Cap/Style Exposures



Large Cap Historical Style Only Exposures





## SSgA S&P 500 Period Ended June 30, 2017

#### **Investment Philosophy**

SSGA believes that their passive investment strategy can provide market-like returns with minimal transaction costs. Returns prior to 6/30/2012 are linked to a composite history.

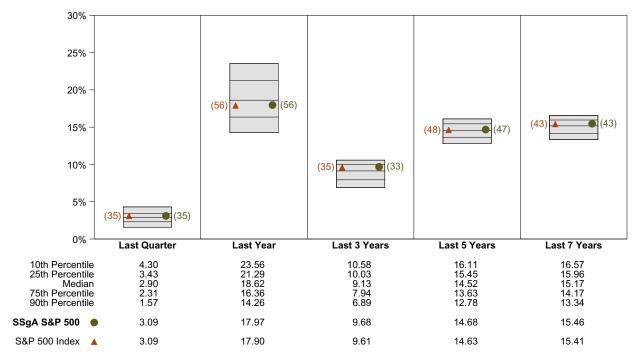
## **Quarterly Summary and Highlights**

- SSgA S&P 500's portfolio posted a 3.09% return for the quarter placing it in the 35 percentile of the CAI Large Cap Core group for the quarter and in the 56 percentile for the last year.
- SSgA S&P 500's portfolio outperformed the S&P 500 Index by 0.01% for the quarter and outperformed the S&P 500 Index for the year by 0.07%.

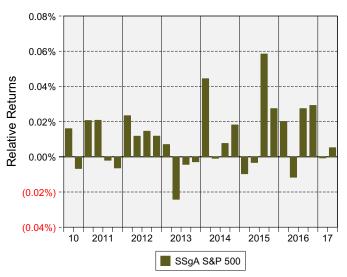
Quarterly	y Asset Growth
-----------	----------------

Beginning Market Value	\$45,309,773
Net New Investment	\$-1,149,059
Investment Gains/(Losses)	\$1,398,488
Ending Market Value	\$45,559,203

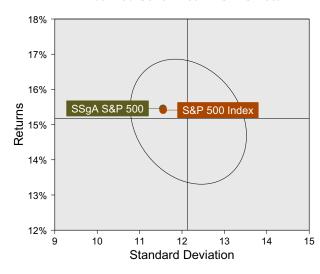
## Performance vs CAI Large Cap Core (Gross)



## Relative Return vs S&P 500 Index



## CAI Large Cap Core (Gross) Annualized Seven Year Risk vs Return



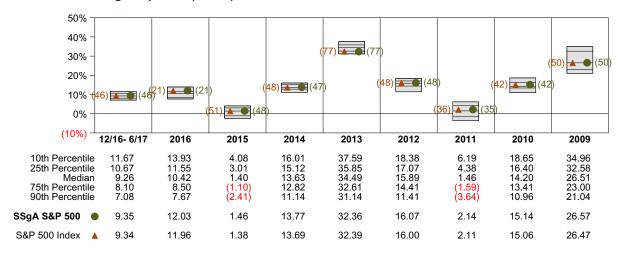


## SSgA S&P 500 Return Analysis Summary

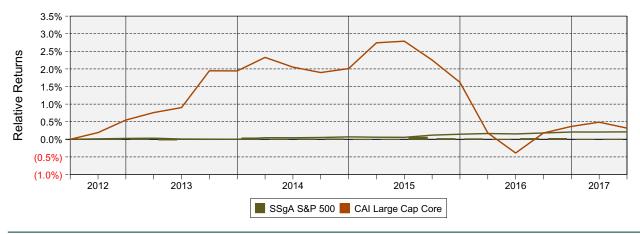
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

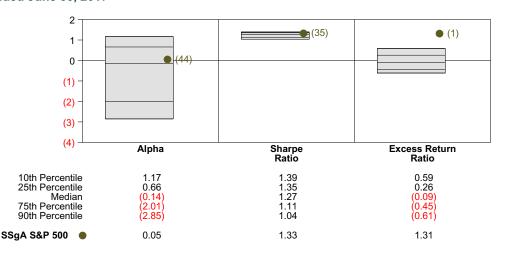
#### Performance vs CAI Large Cap Core (Gross)



## Cumulative and Quarterly Relative Return vs S&P 500 Index



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against CAI Large Cap Core (Gross) Seven Years Ended June 30, 2017



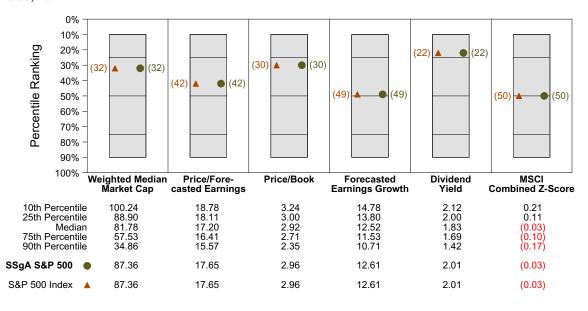


## SSgA S&P 500 Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

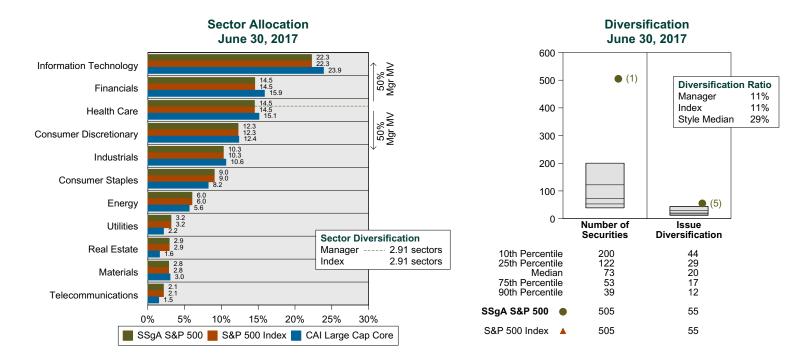
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against CAI Large Cap Core as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.

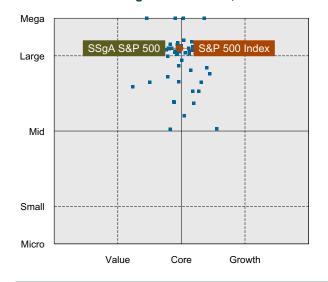




## Current Holdings Based Style Analysis SSgA S&P 500 As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

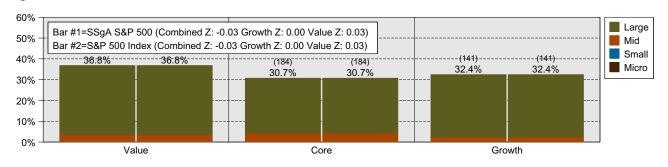
#### Style Map vs CAI Large Cap Core Holdings as of June 30, 2017



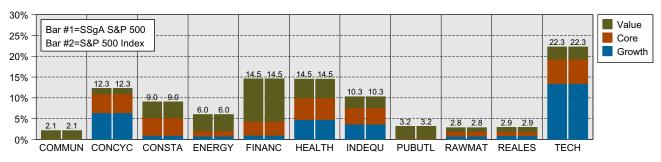
## Style Exposure Matrix Holdings as of June 30, 2017

	Value	Core	Growth	Total
	36.8% (180)	30.7% (184)	32.4% (141)	100.0% (505)
Total	00.070 (100)	00.7 /0 (104)	O2.770 (141)	100.070 (303)
	36.8% (180)	30.7% (184)	32.4% (141)	100.0% (505)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	. ,	` ′	` ,	` '
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (2)	0.0% (0)	0.0% (0)	0.0% (2)
Small	. ,	, ,	` ,	` ,
	0.0% (2)	0.0% (0)	0.0% (0)	0.0% (2)
	3.4% (75)	4.2% (87)	2.3% (45)	10.0% (207)
Mid	, ,	, ,	, ,	, ,
	3.4% (75)	4.2% (87)	2.3% (45)	10.0% (207)
Large	33.4% (103)	26.5% (97)	30.1% (96)	90.0% (296)
Large	33.4% (103)	26.5% (97)	30.1% (96)	90.0% (296)

## Combined Z-Score Style Distribution Holdings as of June 30, 2017



# Sector Weights Distribution Holdings as of June 30, 2017





# Boston Partners Period Ended June 30, 2017

#### **Investment Philosophy**

Boston Partners attempts to implement a disciplined investment process designed to find undervalued securities issued by companies with sound fundamentals and positive business momentum. Boston Partners was funded 6/27/05. The first full quarter for this portfolio is 3rd quarter 2005.

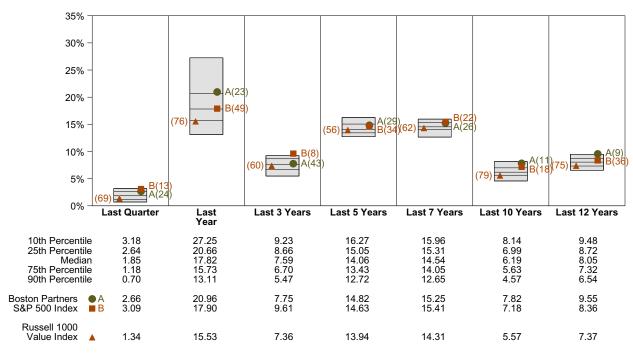
#### **Quarterly Summary and Highlights**

- Boston Partners's portfolio posted a 2.66% return for the quarter placing it in the 24 percentile of the CAI Large Cap Value group for the quarter and in the 23 percentile for the last year.
- Boston Partners's portfolio outperformed the Russell 1000 Value Index by 1.32% for the quarter and outperformed the Russell 1000 Value Index for the year by 5.43%.

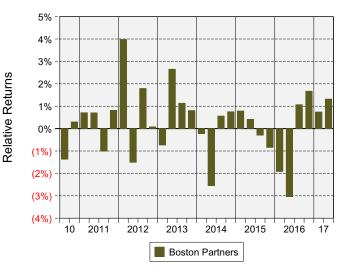
	Quarterly	v Asset	Growth
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Beginning Market Value	\$44,659,944
Net New Investment	\$0
Investment Gains/(Losses)	\$1,190,464
Ending Market Value	\$45.850.408

### Performance vs CAI Large Cap Value (Gross)



#### Relative Return vs Russell 1000 Value Index



# CAI Large Cap Value (Gross) Annualized Seven Year Risk vs Return



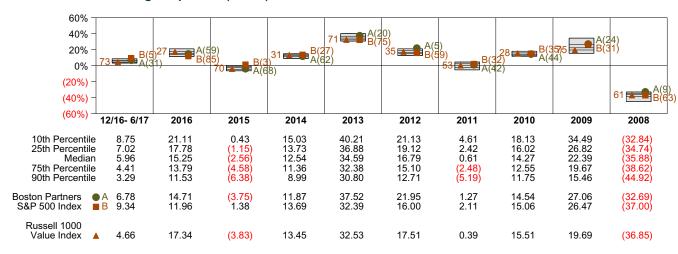


# Boston Partners Return Analysis Summary

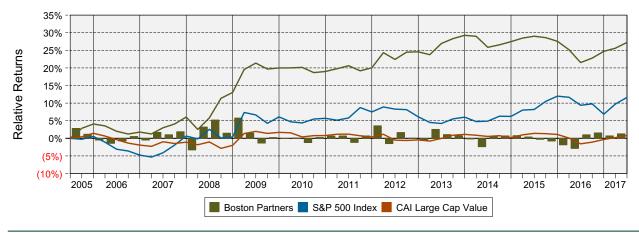
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

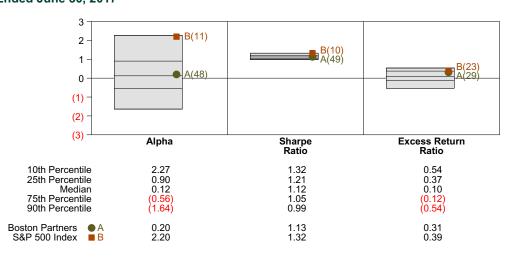
#### Performance vs CAI Large Cap Value (Gross)



#### Cumulative and Quarterly Relative Return vs Russell 1000 Value Index



Risk Adjusted Return Measures vs Russell 1000 Value Index Rankings Against CAI Large Cap Value (Gross) Seven Years Ended June 30, 2017



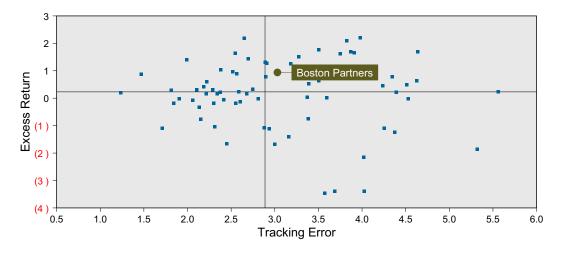


# **Boston Partners Risk Analysis Summary**

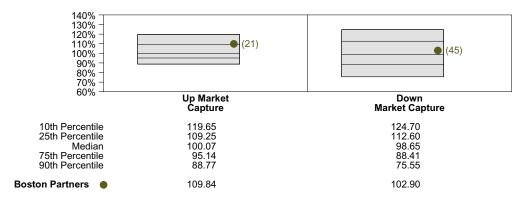
#### **Risk Analysis**

The graphs below analyze the risk or variation of a manager's return pattern. The first scatter chart illustrates the relationship, called Excess Return Ratio, between excess return and tracking error relative to the benchmark. The second chart shows Up and Down Market Capture. The last two charts show the ranking of the manager's risk statistics versus the peer group.

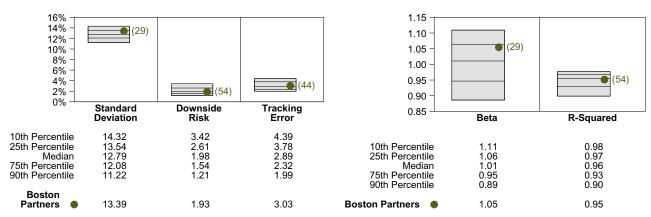
#### Risk Analysis vs CAI Large Cap Value (Gross) Seven Years Ended June 30, 2017



#### Market Capture vs Russell 1000 Value Index Rankings Against CAI Large Cap Value (Gross) Seven Years Ended June 30, 2017



#### Risk Statistics Rankings vs Russell 1000 Value Index Rankings Against CAI Large Cap Value (Gross) Seven Years Ended June 30, 2017



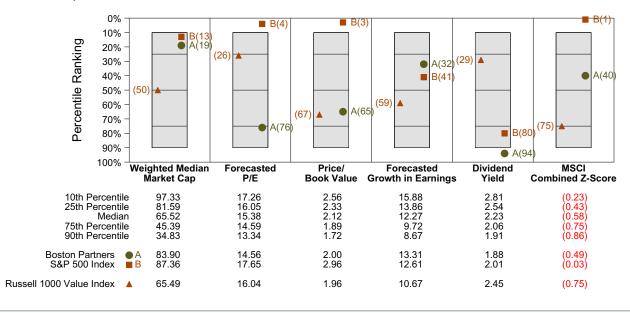


# Boston Partners Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

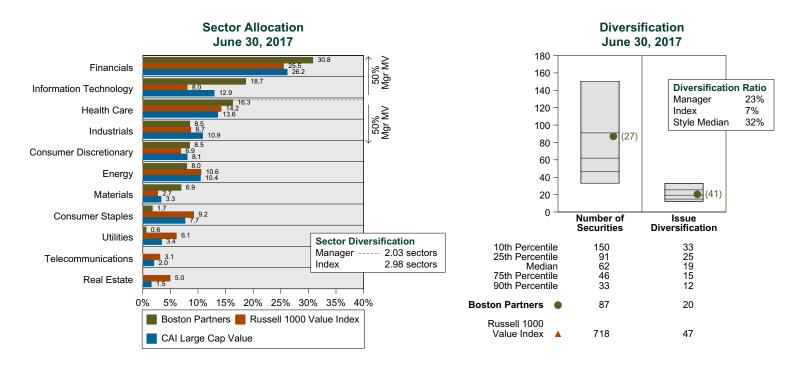
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against CAI Large Cap Value as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.

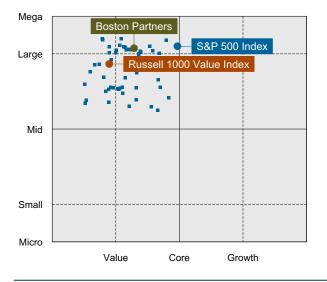




# Current Holdings Based Style Analysis Boston Partners As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

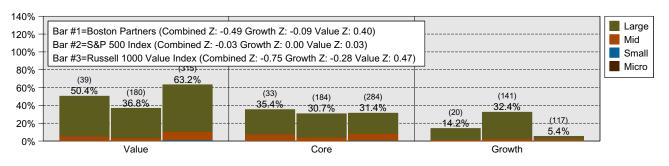
# Style Map vs CAI Large Cap Value Holdings as of June 30, 2017



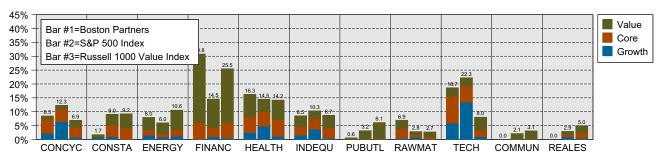
# Style Exposure Matrix Holdings as of June 30, 2017

Total	36.8% (180) 63.2% (315)	30.7% (184) 31.4% (284)	32.4% (141) 5.4% (117)	100.0% (505) 100.0% (716)
	50.4% (39)	35.4% (33)	14.2% (20)	100.0% (92)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	1.1% (50)	0.7% (33)	0.2% (17)	2.0% (100)
Small	0.0% (2)	0.0% (0)	0.0% (0)	0.0% (2)
	0.2% (1)	0.3% (1)	0.0% (1)	0.5% (3)
	9.3% (162)	7.8% (176)	2.2% (70)	19.4% (408)
Mid	3.4% (75)	4.2% (87)	2.3% (45)	10.0% (207)
	5.3% (9)	7.2% (10)	1.4% (3)	14.0% (22)
	52.8% (103)	22.9% (75)	3.0% (30)	78.7% (208)
Large	33.4% (103)	26.5% (97)	30.1% (96)	90.0% (296)
	44.9% (29)	27.8% (22)	12.8% (16)	85.6% (67)

# Combined Z-Score Style Distribution Holdings as of June 30, 2017



# Sector Weights Distribution Holdings as of June 30, 2017

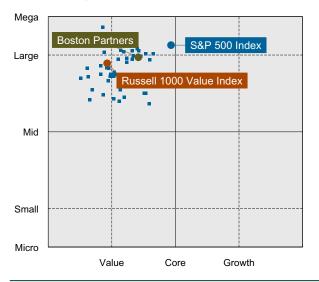




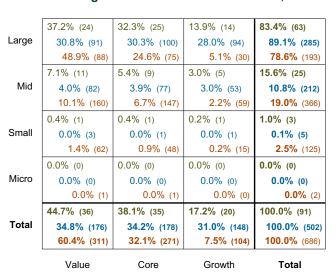
### Historical Holdings Based Style Analysis Boston Partners For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The next two style exposure charts illustrate the actual quarterly cap/style and style only segment exposures of the portfolio through history.

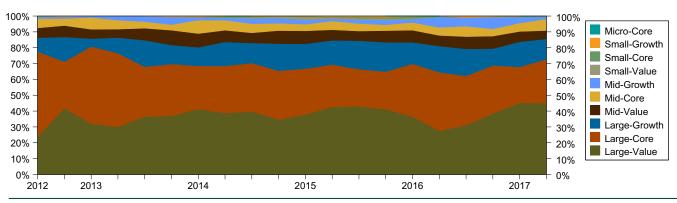
# Average Style Map vs CAI Large Cap Value Holdings for Five Years Ended June 30, 2017



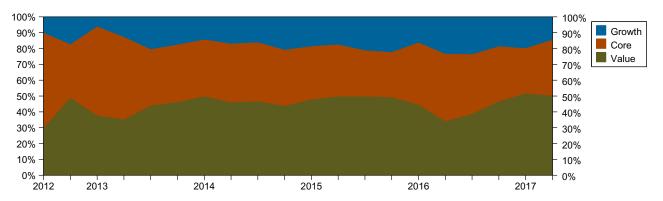
#### Average Style Exposure Matrix Holdings for Five Years Ended June 30, 2017



#### **Boston Partners Historical Cap/Style Exposures**



**Boston Partners Historical Style Only Exposures** 



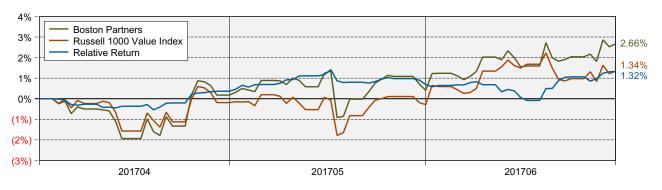


# **Boston Partners vs Russell 1000 Value Index Domestic Equity Daily Performance Attribution** One Quarter Ended June 30, 2017

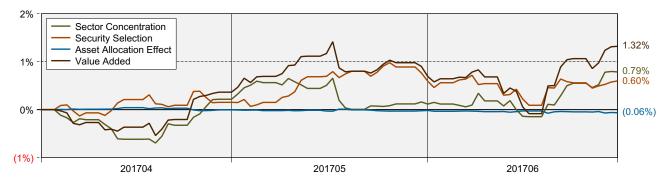
#### **Return Sources and Timing**

The charts below illustrate the timing and cumulative paths of the manager's performance, as well as attributing relative performance to three sources: Sector Concentration, Security Selection, and Asset Allocation. The first chart shows the cumulative absolute return paths for the manager and index. The second chart shows the cumulative relative return path of the manager and the attributed sources of that value-added. The bottom table breaks the annualized attribution factors down to the sector level for more insight into sources of return.

### **Cumulative Manager and Benchmark Returns**



#### **Cumulative Attribution Effects vs. Russell 1000 Value Index**



#### Attribution Effects by Sector vs. Russell 1000 Value Index One Quarter Ended June 30, 2017

	Manager	Index	Manager	Index	Sector	Security	Asset
Sector	Eff Weight	Eff Weight	Return	Return	Concentration	Selection	Allocation
Consumer Discretionary	8.57%	4.64%	(0.28)%	2.84%	0.03%	(0.27)%	-
Consumer Staples	1.23%	8.63%	5.69%	1.14%	0.02%	0.07%	-
Energy	9.01%	11.82%	(4.47)%	(7.09)%	0.24%	0.26%	-
Financials	28.22%	26.25%	2.58%	3.79%	0.15%	(0.33)%	-
Health Care	16.10%	11.33%	5.96%	6.24%	0.28%	(0.04)%	-
Industrials	8.07%	9.90%	8.80%	3.19%	(0.04)%	0.43%	-
Information Technology	20.80%	9.99%	2.78%	0.71%	(0.08)%	0.45%	-
Materials	7.36%	2.90%	0.63%	0.10%	(0.07)%	0.04%	-
Real Estate	0.00%	4.66%	0.00%	1.57%	(0.01)%	0.00%	-
Telecommunications	0.00%	3.49%	0.00%	(7.09)%	0.30%	0.00%	-
Utilities	0.63%	6.39%	0.43%	2.17%	(0.05)%	(0.01)%	-
Non Equity	2.37%	0.00%	-	-	-	-	(0.06)%
Total	-	-	2.66%	1.34%	0.79%	0.60%	(0.06)%

Manager Return _	Index Return _	Sector Concentration	+ Security Selection	+ Asset Allocation
2.66%	1.34%	0.79%	0.60%	(0.06%)

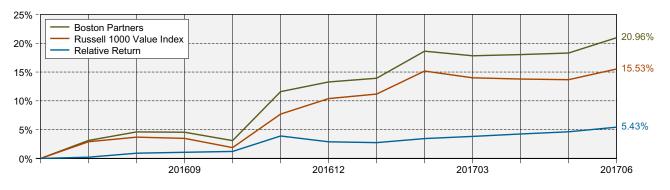


# **Boston Partners vs Russell 1000 Value Index Domestic Equity Daily Performance Attribution** One Year Ended June 30, 2017

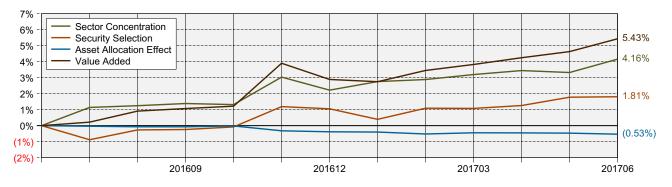
#### **Return Sources and Timing**

The charts below illustrate the timing and cumulative paths of the manager's performance, as well as attributing relative performance to three sources: Sector Concentration, Security Selection, and Asset Allocation. The first chart shows the cumulative absolute return paths for the manager and index. The second chart shows the cumulative relative return path of the manager and the attributed sources of that value-added. The bottom table breaks the annualized attribution factors down to the sector level for more insight into sources of return.

#### **Cumulative Manager and Benchmark Returns**



#### **Cumulative Attribution Effects vs. Russell 1000 Value Index**



#### Attribution Effects by Sector vs. Russell 1000 Value Index One Year Ended June 30, 2017

Sector	Manager Eff Weight	Index Eff Weiaht	Manager Return	Index Return	Sector Concentration	Security Selection	Asset Allocation
Real Estate	0.04%	3.96%	(0.63)%	(1.55)%	0.68%	0.03%	-
Miscellaneous	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	=
Consumer Discretionary	8.15%	4.61%	18.19%	17.41%	0.16%	(0.12)%	-
Consumer Staples	1.88%	8.58%	1.58%	5.96%	0.59%	(0.17)%	-
Energy	11.67%	12.84%	(2.54)%	(4.62)%	0.30%	0.19%	-
Financials	26.19%	26.11%	36.68%	35.84%	0.13%	0.16%	-
Health Care	16.18%	11.09%	6.39%	11.36%	0.03%	(0.99)%	-
Industrials	9.13%	9.96%	31.83%	22.68%	0.02%	0.72%	-
Information Technology	17.75%	9.80%	37.71%	26.06%	0.64%	1.84%	-
Materials	7.45%	2.87%	23.04%	19.32%	0.13%	0.26%	-
Telecommunications	0.65%	3.77%	(12.06)%	(9.19)%	0.75%	(0.04)%	-
Utilities	0.92%	6.41%	(7.37)%	2.70%	0.73%	(0.08)%	-
Non Equity	2.72%	0.00%	-	-	-	-	(0.53)%
Total	-	-	20.96%	15.53%	4.16%	1.81%	(0.53)%

Manager Return _	Index Return +	Sector Concentration	+ Security Selection -	+ Asset Allocation
20.96%	15.53%	4.16%	1.81%	(0.53%)



# Boston Partners vs Russell 1000 Value Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended June 30, 2017

nager Holdings with L	<b>5</b> , ,	Managar	Days	Index	Manager	Index	Contrib Manager	Contrib Excess
Issue	Sector	Manager Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Citigroup Inc	Financials	3.14%	91	1.48%	11.88%	12.10%	0.38%	0.199
JPMorgan Chase & Co	Financials	4.75%	91	2.78%	4.65%	4.65%	0.22%	0.079
Oracle Corp	Information Technology	1.74%	91	1.07%	12.88%	12.88%	0.22%	0.089
Alphabet Inc Cl A	Information Technology	2.01%	91	-	9.56%	-	0.22%	0.209
Johnson & Johnson	Health Care	3.24%	91	2.55%	6.91%	6.91%	0.20%	0.039
Discover Finl Svcs	Financials	1.44%	91	0.15%	(8.46)%	(8.62)%	(0.18)%	(0.17)
Anthem Inc	Health Care	1.24%	91	0.31%	14.15%	14.15%	0.17%	0.119
Cisco Sys Inc	Information Technology	2.35%	91	1.49%	(6.59)%	(6.59)%	(0.16)%	(0.07)
Delta Air Lines Inc Del	Industrials	0.90%	91	0.08%	17.42%	17.42%	0.15%	0.139
Cigna Corporation	Health Care	1.07%	91	0.22%	14.27%	14.27%	0.15%	0.119

		Manager	Days	Index	Manager	Index	Contrib Index	Contrib Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
At&t Inc	Telecommunications	-	-	2.19%	-	(8.10)%	(0.18)%	0.21%
Johnson & Johnson	Health Care	3.24%	91	2.55%	6.91%	6.91%	0.18%	0.03%
Citigroup Inc	Financials	3.14%	91	1.48%	11.88%	12.10%	0.18%	0.19%
General Electric Co	Industrials	-	-	1.80%	-	(8.61)%	(0.16)%	0.18%
Schlumberger	Energy	-	-	0.91%	-	(15.08)%	(0.15)%	0.16%
Oracle Corp	Information Technology	1.74%	91	1.07%	12.88%	12.88%	0.14%	0.08%
JPMorgan Chase & Co	Financials	4.75%	91	2.78%	4.65%	4.65%	0.12%	0.07%
Medtronic Plc Shs	Health Care	-	-	1.03%	-	10.17%	0.10%	$(0.09)^{\circ}$
Cisco Sys Inc	Information Technology	2.35%	91	1.49%	(6.59)%	(6.59)%	(0.10)%	(0.07)
Anadarko Petroleum Corp	Energy	-	_	0.28%	-	(26.80)%	(0.08)%	0.09%

•			_				Contrib	Contrib
leave	Conton	Manager	Days	Index Eff Wt	Manager	Index	Manager	Excess
Issue	Sector	Eff Wt	Held	ETT VVT	Return	Return	Perf	Return
At&t Inc	Telecommunications	-	-	2.19%	-	(8.10)%	-	0.219
Alphabet Inc CI A	Information Technology	2.01%	91	-	9.56%	-	0.22%	0.209
Citigroup Inc	Financials	3.14%	91	1.48%	11.88%	12.10%	0.38%	0.199
General Electric Co	Industrials	-	-	1.80%	-	(8.61)%	-	0.189
Schlumberger	Energy	-	-	0.91%	-	(15.08)%	-	0.169
Delta Air Lines Inc Del	Industrials	0.90%	91	0.08%	17.42%	17.42%	0.15%	0.139
Unitedhealth Group	Health Care	1.04%	91	-	13.52%	-	0.13%	0.129
Anthem Inc	Health Care	1.24%	91	0.31%	14.15%	14.15%	0.17%	0.119
Cigna Corporation	Health Care	1.07%	91	0.22%	14.27%	14.27%	0.15%	0.119
Koninklijke Philips N V Ny Reg Sh	N Industrials	0.85%	91	-	14.38%	-	0.12%	0.10%

sitions with Largest Nega							Contrib	Contrib
		Manager	Days	Index	Manager		Manager	Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Discover Finl Svcs	Financials	1.44%	91	0.15%	(8.46)%	(8.62)%	(0.18)%	(0.17)%
Twenty First Centy Fox Inc CI A	Consumer Discretionary	1.07%	91	0.08%	(12.81)%	(12.50)%	(0.13)%	(0.13)%
Marathon Oil Corp	Energy	0.46%	91	0.11%	(24.70)%	(24.74)%	(0.13)%	(0.10)%
Diamondback Energy Inc	Energy	0.64%	91	0.06%	(14.37)%	(14.37)%	(0.10)%	(0.09)%
Barrick Gold Corp	Materials	0.47%	91	-	(16.06)%	-	(0.08)%	(0.09)
Medtronic Plc Shs	Health Care	-	-	1.03%	-	10.17%	-	(0.09)%
Caterpillar	Industrials	-	-	0.46%	-	16.79%	-	(0.07)%
Cisco Sys Inc	Information Technology	2.35%	91	1.49%	(6.59)%	(6.59)%	(0.16)%	(0.07)%
Capital One Finl Corp	Financials	1.09%	91	0.35%	(4.28)%	(4.19)%	(0.07)%	(0.07)%
Csx Corp	Industrials	-	_	0.40%	-	17.64%	-	(0.06)%



# Atlanta Capital Period Ended June 30, 2017

#### **Investment Philosophy**

Atlanta believes that high quality companies produce consistently increasing earnings and dividends, thereby providing attractive returns with moderate risk over the long-term. Returns prior to 6/30/2010 are linked to a composite history.

### **Quarterly Summary and Highlights**

- Atlanta Capital's portfolio posted a 3.62% return for the quarter placing it in the 32 percentile of the CAI Small Capitalization group for the quarter and in the 96 percentile for the last year.
- Atlanta Capital's portfolio outperformed the Russell 2000 Index by 1.16% for the quarter and underperformed the Russell 2000 Index for the year by 8.50%.

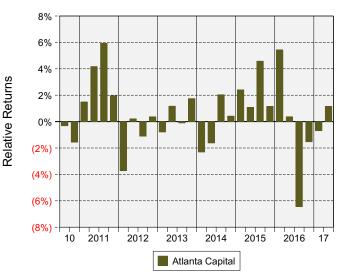
Quarterly Asset	Growth
-----------------	--------

Beginning Market Value	\$23,920,446
Net New Investment	\$0
Investment Gains/(Losses)	\$866,462
Ending Market Value	\$24 786 908

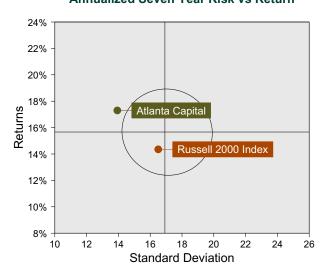
# Performance vs CAI Small Capitalization (Gross)



#### Relative Return vs Russell 2000 Index



# CAI Small Capitalization (Gross) Annualized Seven Year Risk vs Return



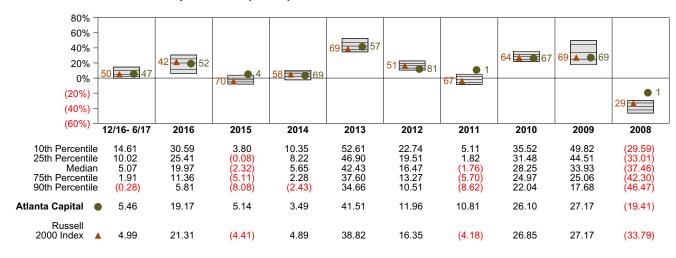


# Atlanta Capital Return Analysis Summary

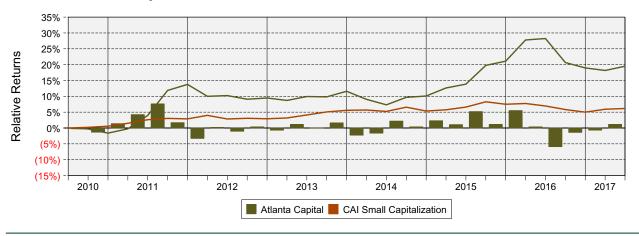
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

#### Performance vs CAI Small Capitalization (Gross)



#### **Cumulative and Quarterly Relative Return vs Russell 2000 Index**



Risk Adjusted Return Measures vs Russell 2000 Index Rankings Against CAI Small Capitalization (Gross) Seven Years Ended June 30, 2017



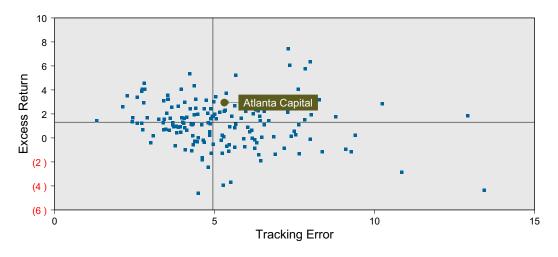


# Atlanta Capital Risk Analysis Summary

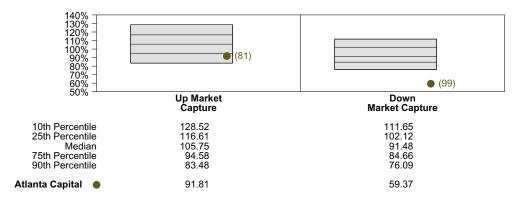
#### **Risk Analysis**

The graphs below analyze the risk or variation of a manager's return pattern. The first scatter chart illustrates the relationship, called Excess Return Ratio, between excess return and tracking error relative to the benchmark. The second chart shows Up and Down Market Capture. The last two charts show the ranking of the manager's risk statistics versus the peer group.

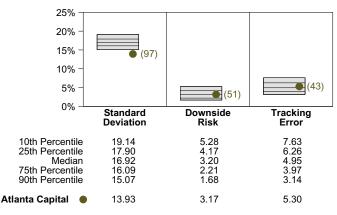
#### Risk Analysis vs CAI Small Capitalization (Gross) Seven Years Ended June 30, 2017

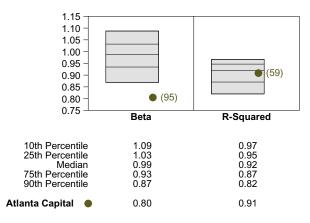


Market Capture vs Russell 2000 Index Rankings Against CAI Small Capitalization (Gross) Seven Years Ended June 30, 2017



Risk Statistics Rankings vs Russell 2000 Index Rankings Against CAI Small Capitalization (Gross) Seven Years Ended June 30, 2017





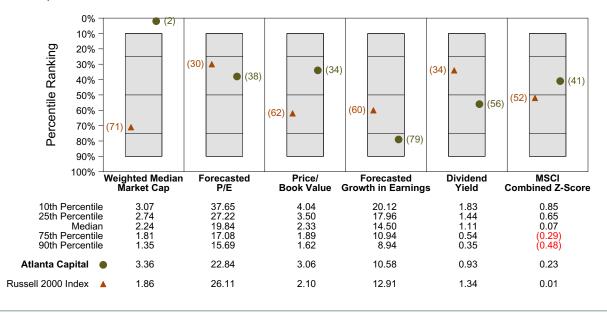


# Atlanta Capital Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

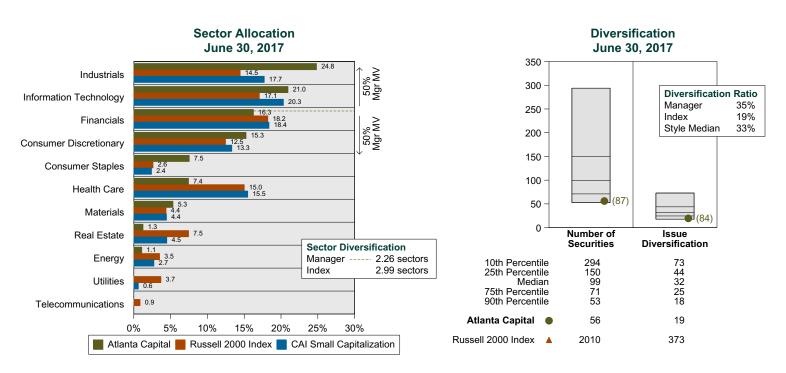
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

### Portfolio Characteristics Percentile Rankings Rankings Against CAI Small Capitalization as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.

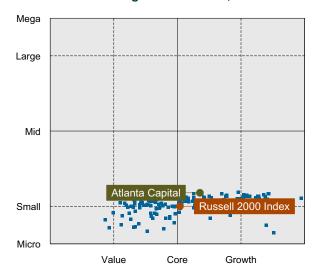




# Current Holdings Based Style Analysis Atlanta Capital As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

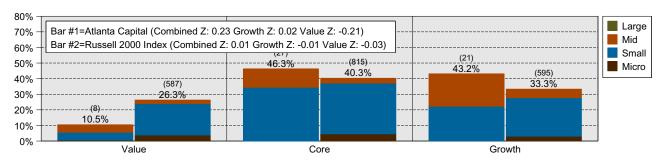
# Style Map vs CAI Small Capitalization Holdings as of June 30, 2017



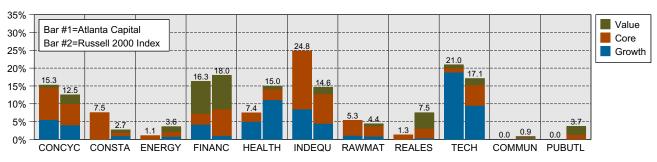
# Style Exposure Matrix Holdings as of June 30, 2017

	26.3% (587)	40.3% (815)	33.3% (595)	100.0% (1997)
Total				
	10.5% (8)	46.3% (27)	43.2% (21)	100.0% (56)
	3.8% (281)	4.5% (347)	3.0% (199)	11.3% (827)
Micro				
	0.6% (1)	0.0% (0)	0.0% (0)	0.6% (1)
	20.1% (294)	32.6% (451)	24.7% (365)	77.4% (1110)
Small				
Ī	4.9% (4)	34.3% (22)	22.2% (12)	61.5% (38)
	2.4% (12)	3.2% (17)	5.6% (31)	11.3% (60)
Mid				
	5.0% (3)	12.0% (5)	20.9% (9)	37.9% (17)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Large	0.070 (0)	0.070 (0)	0.0 70 (0)	0.0 /0 (0)
ſ	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

# Combined Z-Score Style Distribution Holdings as of June 30, 2017



# Sector Weights Distribution Holdings as of June 30, 2017

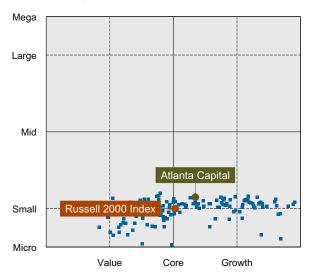




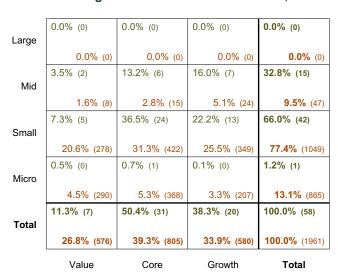
# Historical Holdings Based Style Analysis Atlanta Capital For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various market capitalization and style segments of the domestic equity market. The market is segmented quarterly by capitalization and style. The capitalization segments are dictated by capitalization decile breakpoints. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each capitalization/style segment of the market. The next two style exposure charts illustrate the actual quarterly cap/style and style only segment exposures of the portfolio through history.

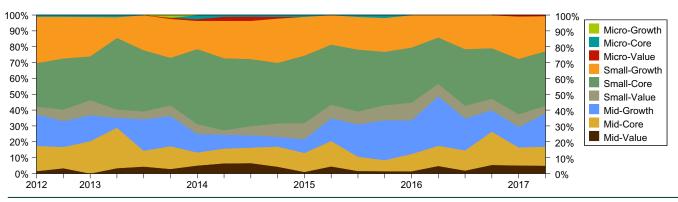
# Average Style Map vs CAI Small Capitalization Holdings for Five Years Ended June 30, 2017



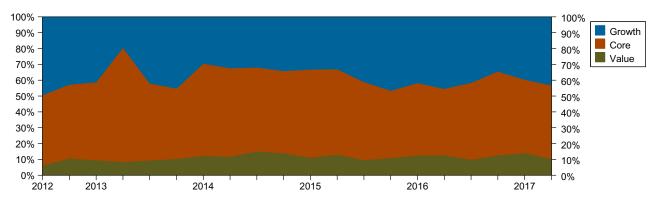
#### Average Style Exposure Matrix Holdings for Five Years Ended June 30, 2017



# **Atlanta Capital Historical Cap/Style Exposures**



**Atlanta Capital Historical Style Only Exposures** 



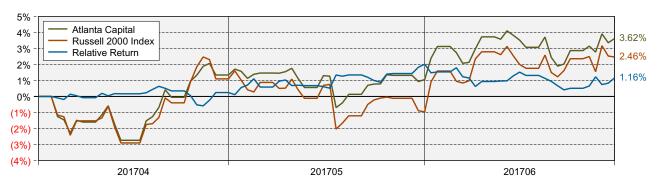


# Atlanta Capital vs Russell 2000 Index **Domestic Equity Daily Performance Attribution** One Quarter Ended June 30, 2017

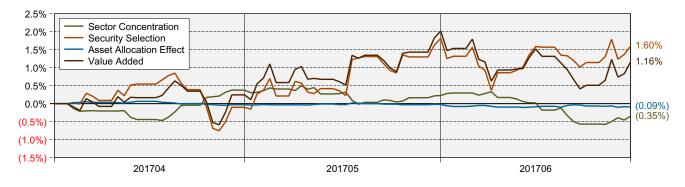
#### **Return Sources and Timing**

The charts below illustrate the timing and cumulative paths of the manager's performance, as well as attributing relative performance to three sources: Sector Concentration, Security Selection, and Asset Allocation. The first chart shows the cumulative absolute return paths for the manager and index. The second chart shows the cumulative relative return path of the manager and the attributed sources of that value-added. The bottom table breaks the annualized attribution factors down to the sector level for more insight into sources of return.

#### **Cumulative Manager and Benchmark Returns**

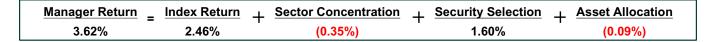


#### Cumulative Attribution Effects vs. Russell 2000 Index



#### Attribution Effects by Sector vs. Russell 2000 Index One Quarter Ended June 30, 2017

	Manager	Index	Manager	Index	Sector	Security	Asset
Sector	Eff Weight	Eff Weight	Return	Return	Concentration	Selection	Allocation
Consumer Discretionary	15.52%	12.39%	(1.79)%	2.73%	0.01%	(0.71)%	-
Consumer Staples	7.67%	2.89%	(2.45)%	(4.56)%	(0.34)%	0.17%	-
Energy	1.18%	3.16%	(10.54)%	(19.50)%	0.42%	0.13%	-
Financials	15.94%	19.07%	0.42%	0.80%	0.08%	(0.07)%	-
Health Care	8.89%	13.11%	15.07%	8.97%	(0.36)%	0.55%	-
Industrials	24.59%	14.30%	5.65%	2.58%	0.01%	0.73%	-
Information Technology	19.92%	17.72%	4.86%	4.29%	0.01%	0.14%	-
Materials	5.18%	4.92%	8.37%	(0.48)%	0.00%	0.45%	-
Real Estate	1.11%	7.89%	24.38%	3.50%	(0.08)%	0.22%	-
Telecommunications	0.00%	0.77%	0.00%	14.86%	(0.08)%	0.00%	-
Utilities	0.00%	3.77%	0.00%	2.92%	(0.02)%	0.00%	-
Non Equity	2.54%	0.00%	-	-	-	-	(0.09)%
Total	-	-	3.62%	2.46%	(0.35)%	1.60%	(0.09)%



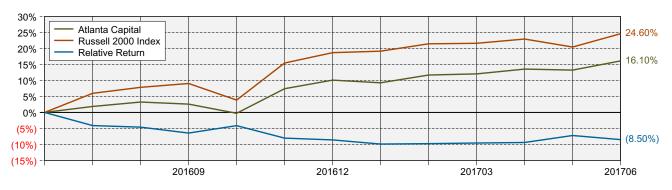


# Atlanta Capital vs Russell 2000 Index **Domestic Equity Daily Performance Attribution** One Year Ended June 30, 2017

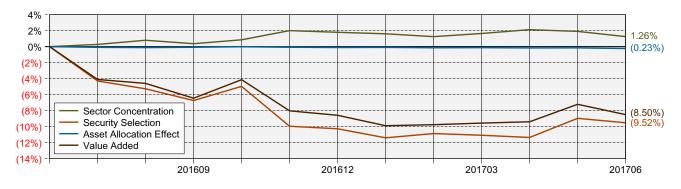
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#### **Cumulative Manager and Benchmark Returns**

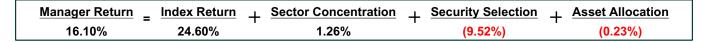


#### Cumulative Attribution Effects vs. Russell 2000 Index



#### Attribution Effects by Sector vs. Russell 2000 Index One Year Ended June 30, 2017

	Manager	Index	Manager	Index	Sector	Security	Asset
Sector	Eff Weight	Eff Weight	Return	Return	Concentration	Selection	Allocation
Real Estate	0.89%	6.66%	34.54%	4.81%	0.86%	0.32%	-
Consumer Discretionary	15.98%	12.72%	4.29%	16.41%	(0.25)%	(2.04)%	-
Consumer Staples	7.96%	2.98%	1.79%	2.39%	(1.18)%	(0.10)%	-
Energy	1.33%	3.28%	(16.48)%	(5.99)%	0.64%	(0.23)%	-
Financials	16.69%	20.03%	17.57%	32.40%	(0.12)%	(2.38)%	-
Health Care	8.26%	13.12%	35.85%	31.04%	(0.16)%	0.24%	-
Industrials	25.07%	14.32%	25.48%	27.47%	0.39%	(0.67)%	-
Information Technology	18.92%	17.46%	11.23%	34.91%	0.17%	(4.24)%	-
Materials	4.89%	4.85%	22.17%	31.61%	0.03%	(0.41)%	-
Telecommunications	0.00%	0.78%	0.00%	11.69%	0.14%	0.00%	-
Utilities	0.00%	3.81%	0.00%	7.68%	0.74%	0.00%	-
Non Equity	2.41%	0.00%	-	-	-	-	(0.23)%
Total	-	-	16.10%	24.60%	1.26%	(9.52)%	(0.23)%





# Atlanta Capital vs Russell 2000 Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended June 30, 2017

<b>g</b> g	rgest (+ or -) Contributior	Manager	Days	Index	Manager	Index	Contrib Manager	Contrib
ssue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
ntegra Lifesciences Hldgs C	Health Care	1.59%	91	0.15%	29.39%	29.39%	0.43%	0.359
Aptargroup Inc	Materials	2.99%	91	-	13.27%	-	0.38%	0.309
Blackbaud Inc	Information Technology	3.08%	91	0.20%	12.01%	12.01%	0.36%	0.26
Graco Inc	Industrials	1.98%	91	-	16.49%	-	0.33%	$0.29^{\circ}$
Knight Transn Inc	Industrials	1.85%	91	0.12%	18.39%	18.39%	0.32%	0.26
Bio-Techne Corp	Health Care	2.09%	91	-	15.96%	-	0.32%	0.26
National Instrs Corp	Information Technology	1.40%	91	-	24.25%	-	0.31%	0.289
Bio Rad Labs Inc Cl A	Health Care	2.35%	91	-	13.60%	-	0.30%	0.27
Manhattan Associates	Information Technology	3.63%	91	-	(7.67)%	-	(0.30)%	(0.40)
Monro Muffler Brake Inc	Consumer Discretionary	1.26%	91	0.09%	(19.57)%	(19.57)%	(0.25)%	(0.26)

		Manager	Days	Index	Manager	Index	Contrib Index	Contrib Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Oasis Pete Inc New	Energy	-	-	0.15%	-	(43.55)%	(0.08)%	0.08%
Puma Biotechnology Inc	Health Care	-	-	0.08%	-	134.95%	0.07%	(0.07)
Xpo Logistics Inc	Industrials	-	-	0.24%	-	29.63%	0.07%	(0.06)
Straight Path Communicatns I Cl	B Telecommunications	-	-	0.06%	-	399.44%	0.07%	(0.07)
Take-Two Interactive Sof	Information Technology	-	-	0.31%	-	22.96%	0.07%	(0.07)
Universal Display Corp	Information Technology	-	-	0.19%	-	36.45%	0.07%	(0.06)
Parexel International	Health Care	-	-	0.19%	-	37.71%	0.07%	(0.06)9
Exact Sciences Corp	Health Care	-	-	0.17%	-	49.75%	0.07%	(0.06)%
duPont Fabros Technology Inc	Real Estate	-	-	0.19%	-	31.50%	0.06%	(0.05)%
Wayfair Inc CI A	Consumer Discretionary	-	-	0.08%	_	90.12%	0.06%	(0.05)%

sitions with Largest Positi			_				Contrib	Contrib
Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Manager Perf	Excess Return
Integra Lifesciences Hldgs C	Health Care	1.59%	91	0.15%	29.39%	29.39%	0.43%	0.35%
Aptargroup Inc	Materials	2.99%	91	-	13.27%	-	0.38%	0.30%
Graco Inc	Industrials	1.98%	91	-	16.49%	-	0.33%	0.29%
National Instrs Corp	Information Technology	1.40%	91	-	24.25%	-	0.31%	0.28%
Bio Rad Labs Inc CI A	Health Care	2.35%	91	-	13.60%	-	0.30%	0.27%
Knight Transn Inc	Industrials	1.85%	91	0.12%	18.39%	18.39%	0.32%	0.26%
Bio-Techne Corp	Health Care	2.09%	91	-	15.96%	-	0.32%	0.26%
Blackbaud Inc	Information Technology	3.08%	91	0.20%	12.01%	12.01%	0.36%	0.26%
Universal Health RIty Incm T Sh Be	en Real Estate	1.08%	91	0.05%	24.38%	24.38%	0.25%	0.21%
Forward Air Corp	Industrials	1.72%	91	0.08%	12.34%	12.34%	0.20%	0.15%

•	gative Contribution to Ex						Contrib	Contrib
_		Manager	Days	Index	Manager		Manager	Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Manhattan Associates	Information Technology	3.63%	91	-	(7.67)%	-	(0.30)%	(0.40)%
Monro Muffler Brake Inc	Consumer Discretionary	1.26%	91	0.09%	(19.57)%	(19.57)%	(0.25)%	(0.26)%
Hibbett Sports Inc	Consumer Discretionary	0.74%	91	0.03%	(29.66)%	(29.66)%	(0.25)%	(0.25)%
Caseys General Stores	Consumer Staples	2.49%	91	-	(4.38)%	-	(0.11)%	(0.17)9
Dril-Quip Inc	Energy	1.15%	91	0.02%	(10.54)%	0.31%	(0.13)%	(0.16)%
Kirby Corp	Industrials	2.06%	91	-	(5.00)%	-	(0.11)%	(0.15)
Prosperity Bancshares Inc	Financials	1.64%	91	0.22%	(7.38)%	(10.24)%	(0.13)%	(0.14)%
Rli Corp	Financials	1.12%	91	0.12%	(8.65)%	(8.65)%	(0.10)%	(0.12)%
Exponent Inc	Industrials	2.47%	91	0.08%	(1.76)%	(1.76)%	(0.04)%	(0.10)%
Pinnacle Finl Partners Inc	Financials	1.39%	91	0.15%	(5.29)%	(7.62)%	(0.08)%	(0.09)%



# International Equity Period Ended June 30, 2017

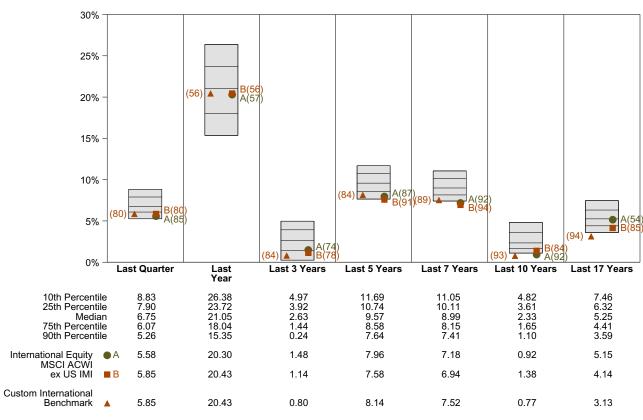
#### **Investment Philosophy**

\*\*\* Custom International Benchmark = MSCI EAFE until 6/30/2013, MSCI ACWI ex US until 7/31/2016, and MSCI ACWI ex US IMI thereafter.

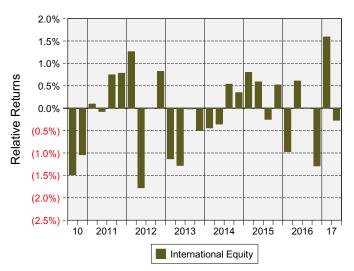
#### **Quarterly Summary and Highlights**

- International Equity's portfolio posted a 5.58% return for the quarter placing it in the 85 percentile of the CAI Non-US Equity group for the quarter and in the 57 percentile for the last year.
- International Equity's portfolio underperformed the Custom International Benchmark by 0.27% for the quarter and underperformed the Custom International Benchmark for the year by 0.14%.

# Performance vs CAI Non-US Equity (Gross)



#### Relative Returns vs Custom International Benchmark



# CAI Non-US Equity (Gross) Annualized Seven Year Risk vs Return



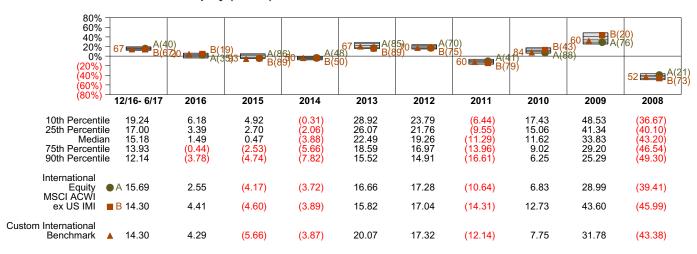


# International Equity Return Analysis Summary

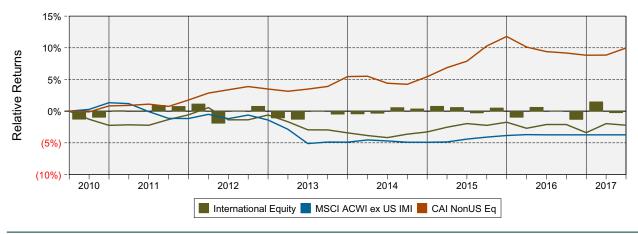
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

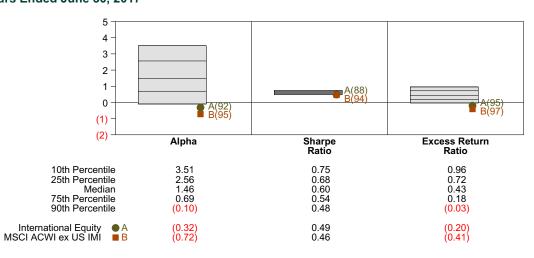
#### Performance vs CAI Non-US Equity (Gross)



#### **Cumulative and Quarterly Relative Return vs Custom International Benchmark**



Risk Adjusted Return Measures vs Custom International Benchmark Rankings Against CAI Non-US Equity (Gross) Seven Years Ended June 30, 2017

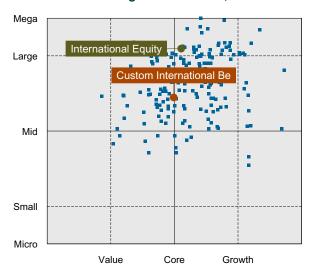




# **Current Holdings Based Style Analysis International Equity** As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various regional and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

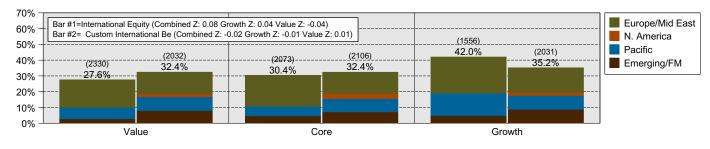
#### Style Map vs CAI NonUS Eq. Holdings as of June 30, 2017



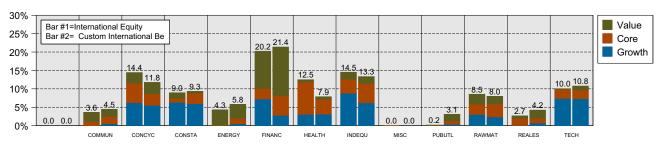
#### **Style Exposure Matrix** Holdings as of June 30, 2017

			,	
	17.5% (250)	19.5% (246)	22.9% (286)	59.9% (782)
Europe/	, ,	` ´	` ′	, ,
Mid East	12 00/ (440)	12 60/ (540)	1E 70/ (500)	42 49/ (4400)
	13.8% (446)	13.6% (518)	15.7% (526)	43.1% (1490)
	0.0% (2)	0.0% (9)	0.0% (0)	0.0% (11)
N. America				
	1.7% (91)	3.2% (133)	1.9% (92)	6.8% (316)
	7.3% (295)	6.3% (291)	14.2% (257)	27.8% (843)
Pacific				
	8.9% (567)	8.4% (589)	8.8% (534)	<b>26.1</b> % (1690)
	2.8% (1783)	4.6% (1527)	4.9% (1013)	12.3% (4323)
Emerging/				
FM	8.0% (928)	7.1% (866)	8.8% (879)	23.9% (2673)
	27.6% (2330)	30.4% (2073)	42.0% (1556)	100.0% (5959)
Total				
	32.4% (2032)	32.4% (2106)	35.2% (2031)	100.0% (6169)
	Value	Core	Growth	Total

### **Combined Z-Score Style Distribution** Holdings as of June 30, 2017



### **Sector Weights Distribution** Holdings as of June 30, 2017

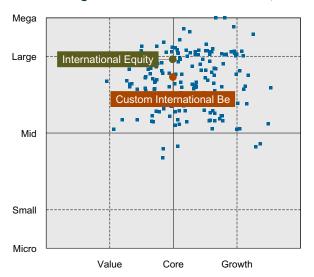




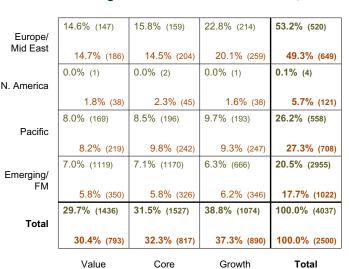
# **Historical Holdings Based Style Analysis International Equity** For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various region and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The next two style exposure charts illustrate the actual quarterly region/style and style only segment exposures of the portfolio through history.

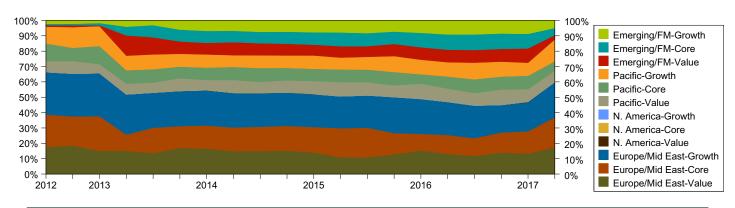
### Average Style Map vs CAI NonUS Eq Holdings for Five Years Ended June 30, 2017



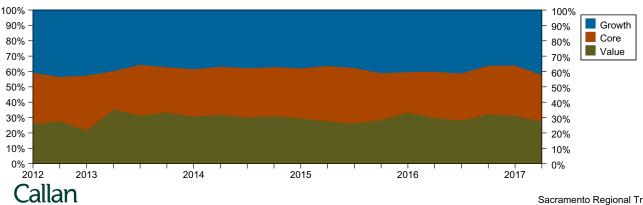
#### **Average Style Exposure Matrix** Holdings for Five Years Ended June 30, 2017



#### International Equity Historical Region/Style Exposures



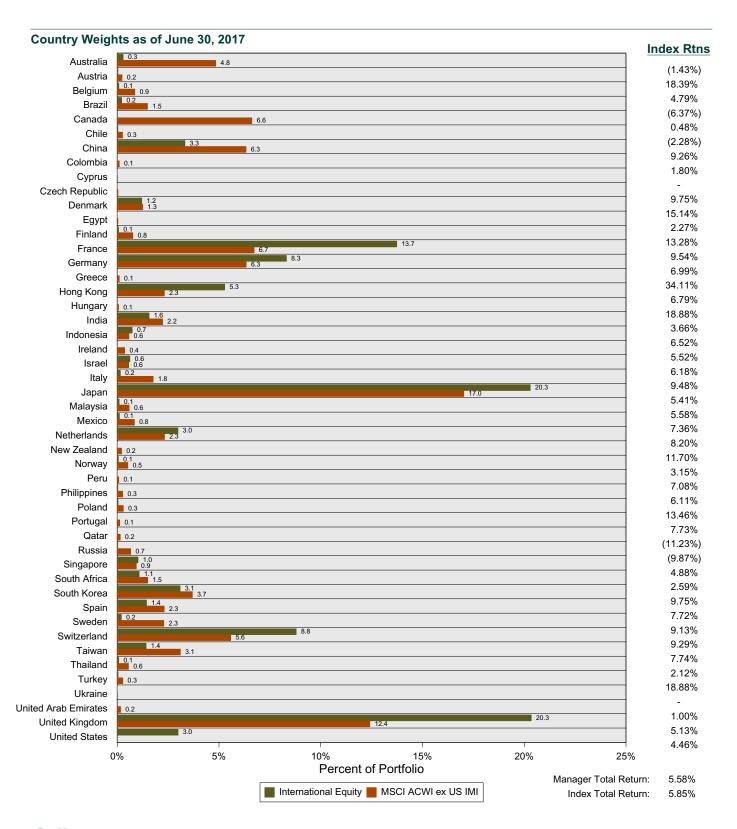
### **International Equity Historical Style Only Exposures**



# Country Allocation International Equity VS MSCI ACWI ex US IMI Index (USD Net Div)

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of June 30, 2017. This chart is useful because large deviations in country allocation relative to the index are often good predictors of tracking error in the subsequent quarter. To the extent that the portfolio allocation is similar to the index, the portfolio should experience more "index-like" performance. In order to illustrate the performance effect on the portfolio and index of these country allocations, the individual index country returns are also shown.





### SSgA EAFE Period Ended June 30, 2017

#### **Investment Philosophy**

SSGA's objective is to provide the most cost-effective implementation of passive investing with stringent risk control and tracking requirements through a replication method. Returns prior to 6/30/2012 are linked to a composite history.

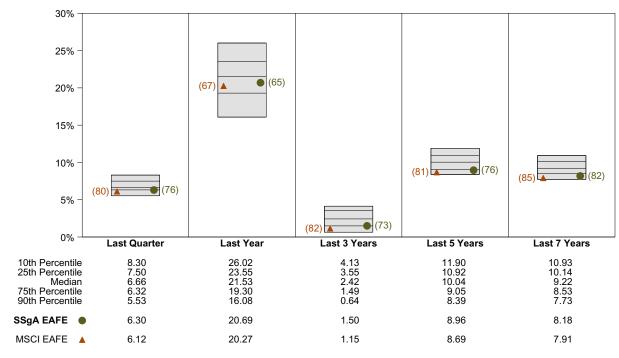
#### **Quarterly Summary and Highlights**

- SSgA EAFE's portfolio posted a 6.30% return for the quarter placing it in the 76 percentile of the CAI Non-US Developed Core Equity group for the quarter and in the 65 percentile for the last year.
- SSgA EAFE's portfolio outperformed the MSCI EAFE by 0.18% for the quarter and outperformed the MSCI EAFE for the year by 0.43%.

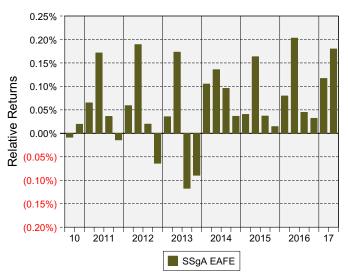
Quarterly Asset	Growth	
-----------------	--------	--

Beginning Market Value	\$9,862,013
Net New Investment	\$0
Investment Gains/(Losses)	\$621,321
Ending Market Value	\$10,483,335

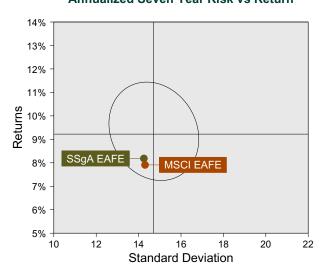
# Performance vs CAI Non-US Developed Core Equity (Gross)



#### Relative Return vs MSCI EAFE



# CAI Non-US Developed Core Equity (Gross) Annualized Seven Year Risk vs Return



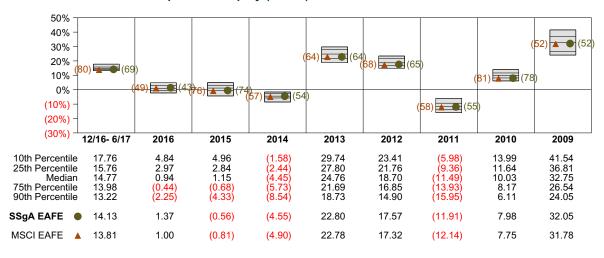


# SSgA EAFE **Return Analysis Summary**

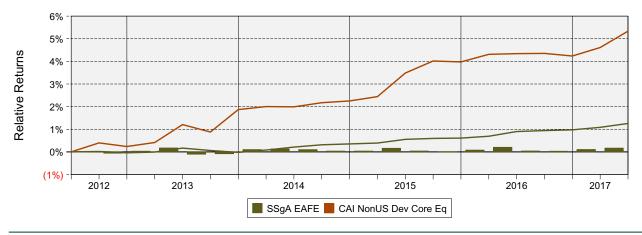
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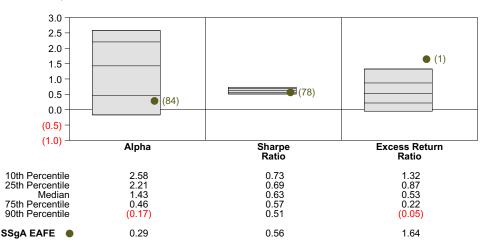
#### Performance vs CAI Non-US Developed Core Equity (Gross)



### **Cumulative and Quarterly Relative Return vs MSCI EAFE**



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against CAI Non-US Developed Core Equity (Gross) Seven Years Ended June 30, 2017





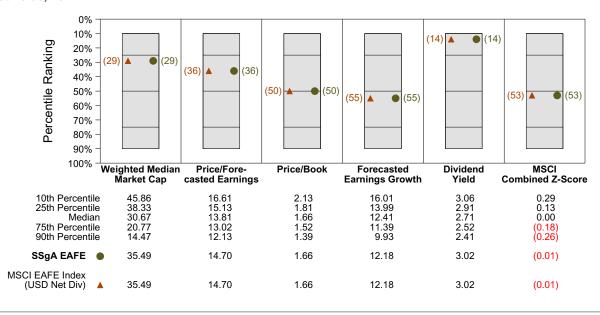
#### SSqA EAFE

### **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

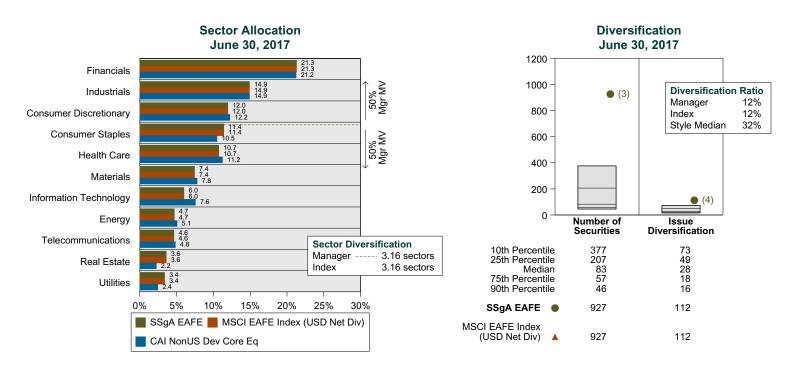
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against CAI Non-US Developed Core Equity as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.





# **Current Holdings Based Style Analysis** SSgA EAFE As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various regional and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

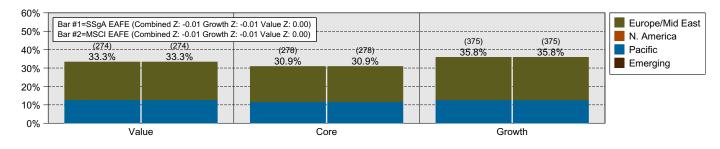
#### Style Map vs CAI NonUS Dev Core Eq Holdings as of June 30, 2017



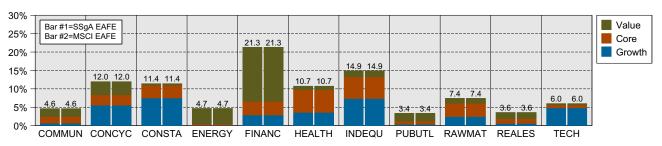
#### **Style Exposure Matrix** Holdings as of June 30, 2017

	Value	Core	Growth	Total
	33.3% (274)	30.9% (278)	35.8% (375)	100.0% (927)
Total	, ,	, ,		, ,
	33.3% (274)	30.9% (278)	35.8% (375)	100.0% (927)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Emerging				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	12.7% (138)	11.8% (153)	12.6% (179)	37.1% (470)
Pacific				
	12.7% (138)	11.8% (153)	12.6% (179)	37.1% (470)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Mid East	20.6% (136)	19.1% (125)	23.2% (196)	62.9% (457)
Europe/	20.6% (136)	19.1% (125)	23.2% (196)	62.9% (457)

#### **Combined Z-Score Style Distribution** Holdings as of June 30, 2017



### **Sector Weights Distribution** Holdings as of June 30, 2017

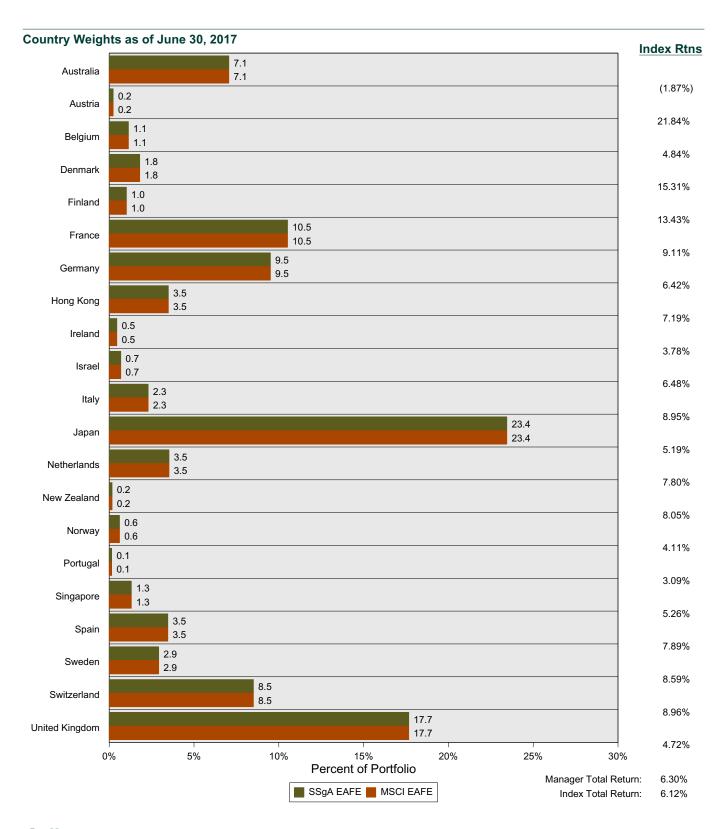




# **Country Allocation** SSgA EAFE VS MSCI EAFE Index (USD Net Div)

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of June 30, 2017. This chart is useful because large deviations in country allocation relative to the index are often good predictors of tracking error in the subsequent quarter. To the extent that the portfolio allocation is similar to the index, the portfolio should experience more "index-like" performance. In order to illustrate the performance effect on the portfolio and index of these country allocations, the individual index country returns are also shown.





# SSgA EAFE Top 10 Portfolio Holdings Characteristics as of June 30, 2017

# 10 Largest Holdings

			Price/					
		Ending	Percent		Forecasted			Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Nestle S A Shs Nom New	Consumer Staples	\$206,004	2.0%	16.95%	271.19	22.90	2.76%	6.20%
Novartis	Health Care	\$141,348	1.3%	12.18%	218.06	16.79	3.45%	6.10%
Hsbc Holdings (Gb)	Financials	\$139,484	1.3%	14.90%	185.36	13.75	5.74%	8.00%
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$136,088	1.3%	(0.22)%	179.15	15.29	3.36%	6.95%
Toyota Motor Corp	Consumer Discretionary	\$103,998	1.0%	(1.54)%	171.14	9.77	3.56%	7.00%
British American Tobacco	Consumer Staples	\$96,284	0.9%	2.58%	126.76	17.56	3.24%	10.89%
Royal Dutch Shell A Shs	Energy	\$88,930	0.8%	2.37%	119.53	13.10	7.19%	16.20%
Total Sa Act	Energy	\$87,412	0.8%	(1.33)%	123.46	11.36	5.68%	16.40%
Bp Plc Shs	Energy	\$85,461	0.8%	4.10%	113.63	16.20	7.15%	61.59%
Sanofi Shs	Health Care	\$84,384	0.8%	9.00%	120.41	14.20	3.53%	6.90%

#### **10 Best Performers**

						Price/	;e/		
		Ending	Percent		Forecasted			Forecasted	
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in	
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings	
Qantas Airways Ltd Shs New	Industrials	\$6,106	0.1%	48.41%	7.93	10.52	1.22%	20.00%	
Lufthansa	Industrials	\$8,093	0.1%	44.92%	10.67	7.19	2.51%	(4.00)%	
Nintendo Ltd Ord	Information Technology	\$28,871	0.3%	44.91%	47.51	39.56	1.14%	82.91%	
Easyjet Plc Ord Gbp0.2728571	Industrials	\$3,728	0.0%	37.59%	7.01	14.88	3.96%	(0.70)%	
Ipsen Shs	Health Care	\$3,905	0.0%	37.29%	11.42	26.70	0.71%	20.00%	
Shiseido Co Ltd Ord	Consumer Staples	\$10,261	0.1%	35.52%	14.22	46.41	0.50%	17.80%	
Omv Ag	Energy	\$5,797	0.1%	34.76%	16.96	12.55	2.64%	11.48%	
Electricite De France Edf Shs	Utilities	\$4,505	0.0%	33.63%	31.23	14.42	8.75%	(19.00)%	
Flight Centre Limited Shs	Consumer Discretionary	\$1,240	0.0%	33.34%	2.97	17.17	3.58%	(1.15)%	
Kering Sa Shs	Consumer Discretionary	\$19,575	0.2%	32.59%	42.94	20.43	1.54%	18.69%	

### **10 Worst Performers**

Stock	Sector	Ending Market Value	Percent of Portfolio	Qtrly Return	Market Capital	Price/ Forecasted Earnings Ratio	Dividend Yield	Forecasted Growth in Earnings
Petrofac Ltd	Energy	\$1,131	0.0%	(47.97)%	1.99	6.00	11.97%	(6.45)%
Hikma Pharmaceuticals	Health Care	\$2,088	0.0%	(22.20)%	4.59	15.93	1.79%	20.10%
Santos	Energy	\$3,310	0.0%	(19.83)%	4.84	14.53	0.00%	91.47%
Saipem Spa San Donato Milane Ord	Energy	\$1,700	0.0%	(18.95)%	3.73	16.69	0.00%	2.70%
Idemitsu Kosan Co Ltd Shs	Energy	\$1,898	0.0%	(18.40)%	4.54	6.12	1.57%	21.89%
Dainippon Sumitomo Pharma Co Ord	Health Care	\$1,650	0.0%	(17.20)%	5.43	17.81	1.17%	(14.69)%
Hisamitsu Pharmaceutical	Health Care	\$2,250	0.0%	(16.10)%	4.56	24.81	1.51%	0.85%
Schaeffler	Consumer Discretionary	\$1,803	0.0%	(15.59)%	2.39	7.42	3.96%	6.40%
Sp Telecom.	Telecommunications	\$1,228	0.0%	(15.31)%	4.04	14.29	2.72%	6.70%
Pandora A/S	Consumer Discretionary	\$7,872	0.1%	(14.92)%	10.48	9.73	5.93%	55.15%



#### **AQR**

### Period Ended June 30, 2017

#### **Investment Philosophy**

Returns prior to 9/30/2016 are linked to a composite history.

#### **Quarterly Summary and Highlights**

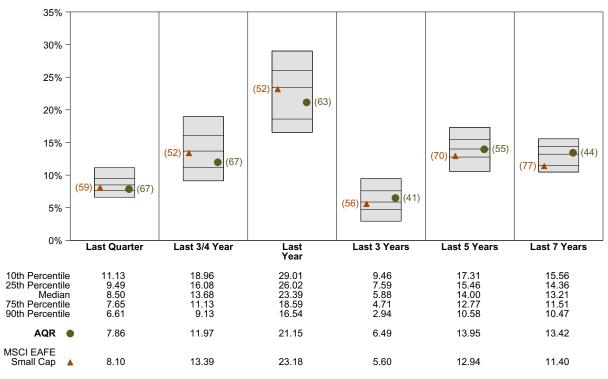
#### AQR's portfolio posted a 7.86% return for the quarter placing it in the 67 percentile of the CAI International Small Cap group for the quarter and in the 63 percentile for the last year.

 AQR's portfolio underperformed the MSCI EAFE Small Cap by 0.24% for the quarter and underperformed the MSCI EAFE Small Cap for the year by 2.03%.

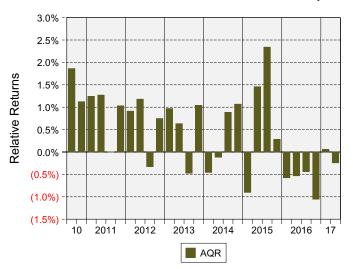
#### **Quarterly Asset Growth**

Beginning Market Value	\$12,813,469
Net New Investment	\$0
Investment Gains/(Losses)	\$974,860
Ending Market Value	\$13,788,329

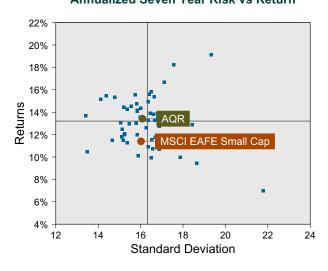
## Performance vs CAI International Small Cap (Gross)



#### Relative Return vs MSCI EAFE Small Cap



# CAI International Small Cap (Gross) Annualized Seven Year Risk vs Return



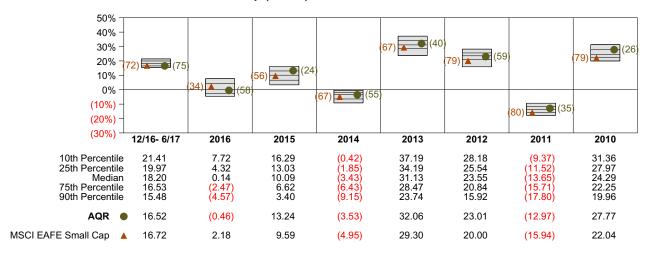


# **AQR Return Analysis Summary**

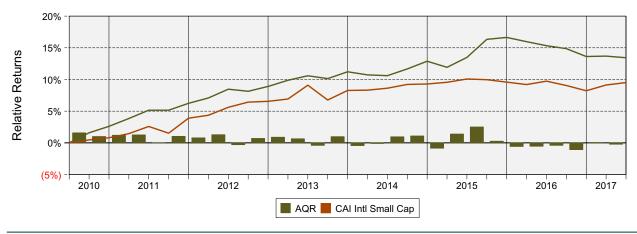
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

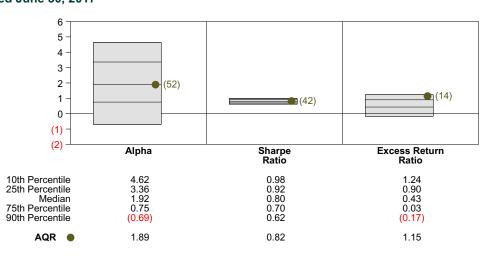
#### Performance vs CAI International Small Cap (Gross)



### Cumulative and Quarterly Relative Return vs MSCI EAFE Small Cap



Risk Adjusted Return Measures vs MSCI EAFE Small Cap Rankings Against CAI International Small Cap (Gross) Seven Years Ended June 30, 2017



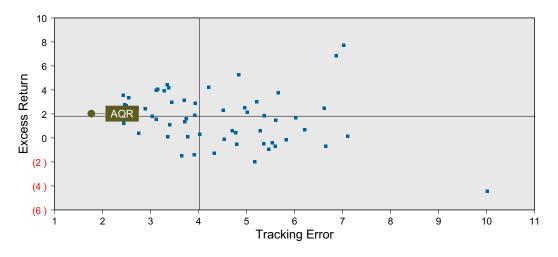


# AQR Risk Analysis Summary

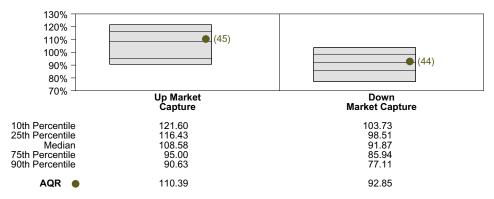
#### **Risk Analysis**

The graphs below analyze the risk or variation of a manager's return pattern. The first scatter chart illustrates the relationship, called Excess Return Ratio, between excess return and tracking error relative to the benchmark. The second chart shows Up and Down Market Capture. The last two charts show the ranking of the manager's risk statistics versus the peer group.

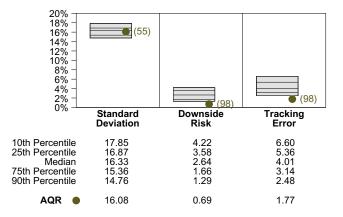
#### Risk Analysis vs CAI International Small Cap (Gross) Seven Years Ended June 30, 2017

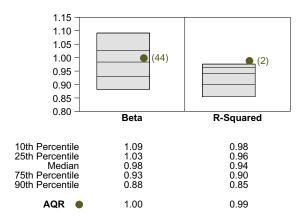


Market Capture vs MSCI EAFE Small Cap Index (USD Net Div) Rankings Against CAI International Small Cap (Gross) Seven Years Ended June 30, 2017



Risk Statistics Rankings vs MSCI EAFE Small Cap Index (USD Net Div) Rankings Against CAI International Small Cap (Gross) Seven Years Ended June 30, 2017







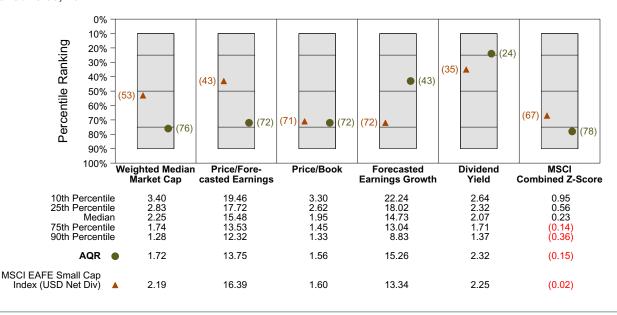
#### **AQR**

### **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

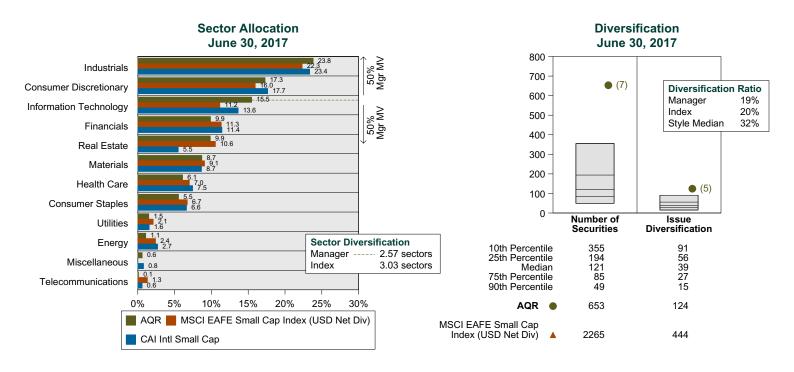
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against CAI International Small Cap as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.

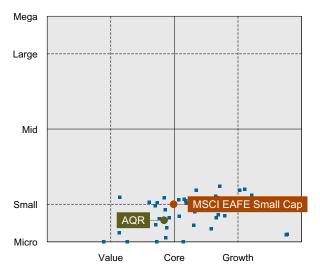




# **Current Holdings Based Style Analysis AQR** As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various regional and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

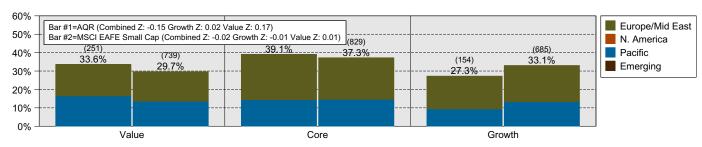
### Style Map vs CAI Intl Small Cap Holdings as of June 30, 2017



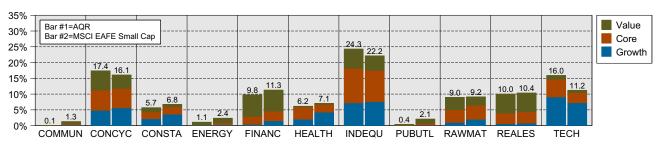
#### **Style Exposure Matrix** Holdings as of June 30, 2017

	Value	Core	Growth	Total
	29.7% (739)	37.3% (829)	33.1% (685)	100.0% (2253)
Total				
	33.6% (251)	39.1% (234)	27.3% (154)	100.0% (639)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Emerging				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	13.5% (429)	14.6% (436)	13.4% (355)	41.5% (1220)
Pacific				
	16.4% (138)	14.4% (114)	9.4% (64)	40.2% (316)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Europe/ Mid East	16.2% (310)	22.7% (393)	19.7% (330)	58.5% (1033)
Europo/	17.2% (113)	24.7% (120)	17.9% (90)	59.8% (323)

### **Combined Z-Score Style Distribution** Holdings as of June 30, 2017



### **Sector Weights Distribution** Holdings as of June 30, 2017



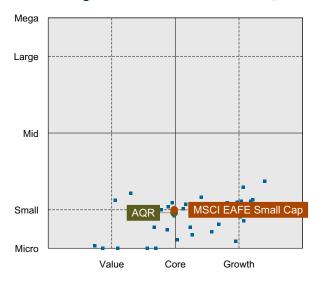


# **Historical Holdings Based Style Analysis AQR**

#### For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various region and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The next two style exposure charts illustrate the actual quarterly region/style and style only segment exposures of the portfolio through history.

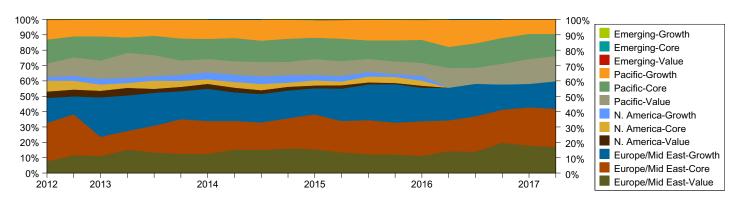
### Average Style Map vs CAI Intl Small Cap Holdings for Five Years Ended June 30, 2017



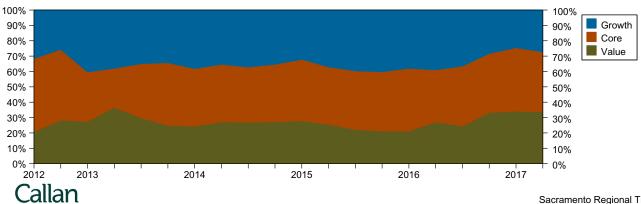
#### **Average Style Exposure Matrix** Holdings for Five Years Ended June 30, 2017

	13.9% (92)	20.9% (107)	19.6% (87)	54.4% (286)
Europe/ Mid East				
IVIIU East	15.4% (311)	21.7% (350)	20.7% (307)	57.9% (968)
	2.1% (18)	3.0% (23)	2.7% (18)	7.7% (59)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	11.1% (119)	14.3% (120)	12.3% (89)	37.7% (328)
Pacific				
	13.1% (425)	14.8% (426)	13.9% (357)	41.8% (1208)
	0.0% (0)	0.0% (1)	0.1% (1)	0.1% (2)
Emerging				
	0.1% (4)	0.1% (4)	0.1% (2)	0.3% (10)
	27.2% (229)	38.1% (251)	34.7% (195)	100.0% (675)
Total				
	28.7% (740)	36.7% (780)	34.7% (666)	100.0% (2186)
	Value	Core	Growth	Total

#### **AQR Historical Region/Style Exposures**



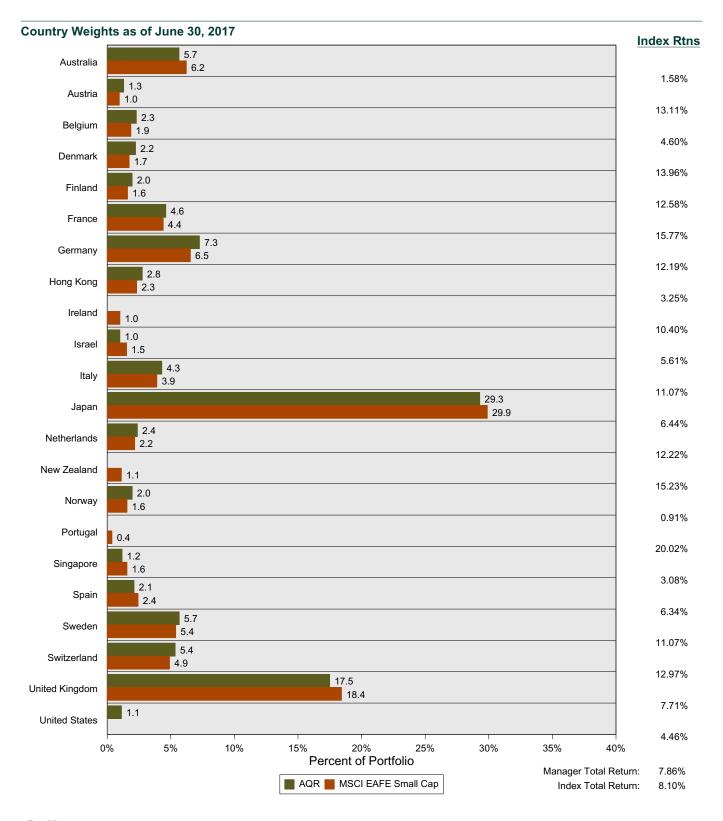
#### **AQR Historical Style Only Exposures**



## Country Allocation AQR VS MSCI EAFE Small Cap Index (USD Net Div)

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of June 30, 2017. This chart is useful because large deviations in country allocation relative to the index are often good predictors of tracking error in the subsequent quarter. To the extent that the portfolio allocation is similar to the index, the portfolio should experience more "index-like" performance. In order to illustrate the performance effect on the portfolio and index of these country allocations, the individual index country returns are also shown.





## **AQR** Top 10 Portfolio Holdings Characteristics as of June 30, 2017

### 10 Largest Holdings

					Price/		
	Ending	Percent			Forecasted		Forecasted
	Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Information Technology	\$186,667	1.4%	28.18%	3.31	23.63	2.13%	18.78%
Consumer Discretionary	\$143,798	1.0%	14.94%	2.51	11.77	3.19%	16.33%
Industrials	\$96,265	0.7%	19.84%	2.76	15.22	1.81%	9.42%
Materials	\$94,788	0.7%	30.14%	1.59	6.09	1.28%	(25.86)%
Health Care	\$94,750	0.7%	0.85%	2.93	12.49	0.00%	(3.00)%
Consumer Discretionary	\$94,212	0.7%	26.84%	1.34	14.47	2.88%	16.60%
Information Technology	\$90,299	0.7%	35.24%	2.13	15.37	3.72%	55.81%
Consumer Staples	\$83,439	0.6%	18.55%	2.73	17.55	1.72%	14.90%
Materials .	\$82,374	0.6%	34.15%	1.01	13.88	2.21%	36.35%
Consumer Discretionary	\$77,932	0.6%	23.38%	2.30	16.81	0.96%	29.60%
	Information Technology Consumer Discretionary Industrials Materials Health Care Consumer Discretionary Information Technology Consumer Staples Materials	Sector         Market Value           Information Technology         \$186,667           Consumer Discretionary         \$143,798           Industrials         \$96,265           Materials         \$94,788           Health Care         \$94,750           Consumer Discretionary         \$94,212           Information Technology         \$90,299           Consumer Staples         \$83,439           Materials         \$82,374	Sector         Market Value         of Value           Information Technology         \$186,667         1.4%           Consumer Discretionary         \$143,798         1.0%           Industrials         \$96,265         0.7%           Materials         \$94,788         0.7%           Health Care         \$94,750         0.7%           Consumer Discretionary         \$94,212         0.7%           Information Technology         \$90,299         0.7%           Consumer Staples         \$83,439         0.6%           Materials         \$82,374         0.6%	Sector         Market Value         of Portfolio Peturn         Qtrly Return           Information Technology Consumer Discretionary Industrials Materials Health Care Consumer Discretionary Peturn Industrials Sp4,788 O.7% O.7% O.85% O.85% O.7% O.85%	Sector         Market Value         of Portfolio Portfolio         Qtrly Return         Market Capital           Information Technology         \$186,667         1.4%         28.18%         3.31           Consumer Discretionary         \$143,798         1.0%         14.94%         2.51           Industrials         \$96,265         0.7%         19.84%         2.76           Materials         \$94,788         0.7%         30.14%         1.59           Health Care         \$94,750         0.7%         0.85%         2.93           Consumer Discretionary         \$94,212         0.7%         26.84%         1.34           Information Technology         \$90,299         0.7%         35.24%         2.13           Consumer Staples         \$83,439         0.6%         18.55%         2.73           Materials         \$82,374         0.6%         34.15%         1.01	Sector         Percent Value         Qtrly Of Portfolio         Market Return         Forecasted Earnings Ratio           Information Technology         \$186,667         1.4%         28.18%         3.31         23.63           Consumer Discretionary         \$143,798         1.0%         14.94%         2.51         11.77           Industrials         \$96,265         0.7%         19.84%         2.76         15.22           Materials         \$94,788         0.7%         30.14%         1.59         6.09           Health Care         \$94,750         0.7%         0.85%         2.93         12.49           Consumer Discretionary         \$94,212         0.7%         26.84%         1.34         14.47           Information Technology         \$90,299         0.7%         35.24%         2.13         15.37           Consumer Staples         \$83,439         0.6%         18.55%         2.73         17.55           Materials         \$82,374         0.6%         34.15%         1.01         13.88	Sector         Market Value         of Value         Qtrly Return         Market Capital         Earnings Ratio         Dividend Yield           Information Technology         \$186,667         1.4%         28.18%         3.31         23.63         2.13%           Consumer Discretionary         \$143,798         1.0%         14.94%         2.51         11.77         3.19%           Industrials         \$96,265         0.7%         19.84%         2.76         15.22         1.81%           Materials         \$94,788         0.7%         30.14%         1.59         6.09         1.28%           Health Care         \$94,750         0.7%         0.85%         2.93         12.49         0.00%           Consumer Discretionary         \$94,212         0.7%         26.84%         1.34         14.47         2.88%           Information Technology         \$90,299         0.7%         35.24%         2.13         15.37         3.72%           Consumer Staples         \$83,439         0.6%         18.55%         2.73         17.55         1.72%           Materials         \$82,374         0.6%         34.15%         1.01         13.88         2.21%

#### **10 Best Performers**

						Price/		
		Ending	Percent			Forecasted		Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Air France Klm Shs	Industrials	\$32,534	0.2%	87.58%	4.28	6.85	0.00%	26.14%
Berendsen Plc Shs	Industrials	\$17,349	0.1%	79.55%	2.76	20.36	2.68%	(1.77)%
Sophos Group	Information Technology	\$10,286	0.1%	69.59%	2.67	75.79	0.81%	58.50%
Penauille Polyservices Sa Act	Industrials	\$14,898	0.1%	68.84%	1.38	17.66	0.27%	(25.26)%
Evotec Ag Shs	Health Care	\$15,163	0.1%	63.94%	2.35	72.42	0.00%	7.00%
Nbrown Group Plc Shs	Consumer Discretionary	\$6,138	0.0%	53.53%	1.14	13.90	4.59%	(4.24)%
Melco Intl Development Ltd Shs	Consumer Discretionary	\$27,113	0.2%	51.80%	4.10	21.42	0.43%	(43.05)%
Rhi Ag Wien Shs	Materials	\$23,271	0.2%	47.94%	1.47	13.57	2.31%	24.00%
Fincantieri	Industrials	\$59,696	0.4%	47.11%	1.88	19.53	0.00%	-
Cr.Card Dna Security Sys	Financials	\$1,454	0.0%	46.15%	0.40	-	3.86%	-

#### **10 Worst Performers**

		Ending Market	Percent of	Qtrly	Market	Price/ Forecasted Earnings	Dividend	Forecasted Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Fone Zone Group	Consumer Discretionary	\$5,225	0.0%	(65.97)%	0.13	6.35	15.68%	(7.24)%
Esprit Hldgs Ltd Shs	Consumer Discretionary	\$9,848	0.1%	(36.38)%	1.04	26.65	0.36%	197.79%
Tokmanni Group Corporation	Consumer Discretionary	\$4,563	0.0%	(25.32)%	0.49	11.95	7.00%	-
Roland Dg Corp Hamamatsu Ord	Information Technology	\$12,349	0.1%	(23.44)%	0.29	13.55	2.34%	32.52%
Karoon Gas Australia Ltd Shs	Energy	\$931	0.0%	(21.52)%	0.24	(16.93)	0.00%	127.60%
Enquest Plc	Energy	\$1,912	0.0%	(21.47)%	0.48	5.62	0.00%	44.80%
Tullow Oil Plc Shs	Energy	\$9,917	0.1%	(21.44)%	2.71	15.43	0.00%	(27.13)%
Webdojapan	Information Technology	\$12,597	0.1%	(21.43)%	0.31	20.85	0.56%	4.36%
Wowow	Consumer Discretionary	\$12,868	0.1%	(21.05)%	0.78	13.72	2.63%	17.74%
Liberbank	Financials	\$25,835	0.2%	(20.50)%	0.95	9.07	0.00%	18.10%



#### DFA Emerging Markets Period Ended June 30, 2017

#### **Investment Philosophy**

Returns prior to 6/30/2013 are linked to a composite history.

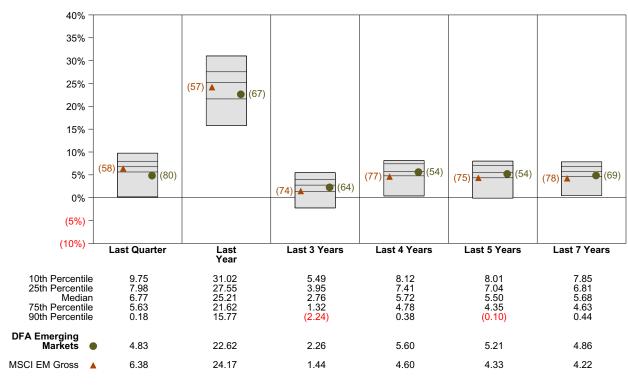
#### **Quarterly Summary and Highlights**

- DFA Emerging Markets's portfolio posted a 4.83% return for the quarter placing it in the 80 percentile of the CAI Emerging Markets Equity Mut Funds group for the quarter and in the 67 percentile for the last year.
- DFA Emerging Markets's portfolio underperformed the MSCI EM Gross by 1.55% for the quarter and underperformed the MSCI EM Gross for the year by 1.55%.

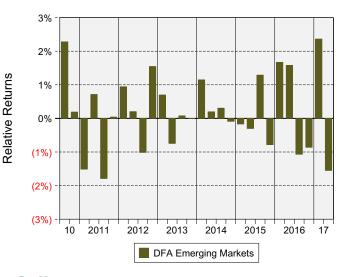
#### **Quarterly Asset Growth**

Beginning Market Value	\$14,757,549
Net New Investment	\$0
Investment Gains/(Losses)	\$690,798
Ending Market Value	\$15.448.346

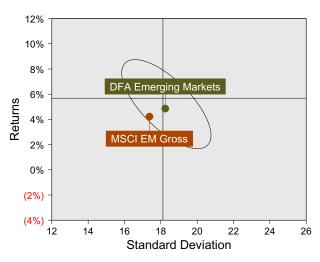
### Performance vs CAI Emerging Markets Equity Mut Funds (Gross)



#### Relative Return vs MSCI EM Gross



## CAI Emerging Markets Equity Mut Funds (Gross) Annualized Seven Year Risk vs Return



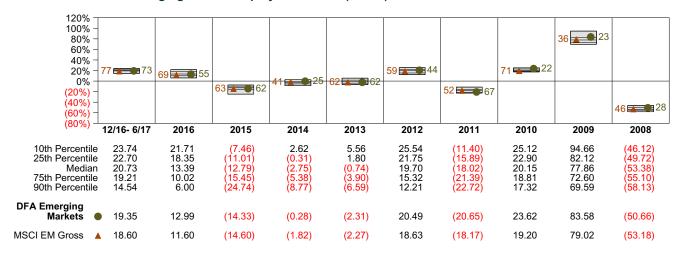


### DFA Emerging Markets Return Analysis Summary

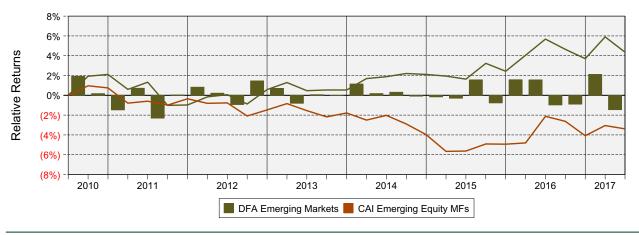
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

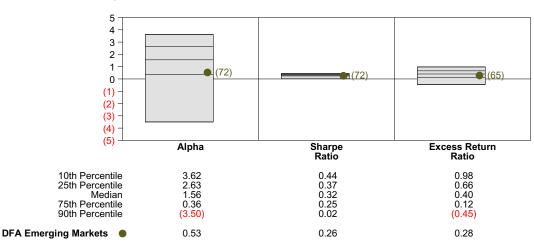
#### Performance vs CAI Emerging Markets Equity Mut Funds (Gross)



#### **Cumulative and Quarterly Relative Return vs MSCI EM Gross**



Risk Adjusted Return Measures vs MSCI EM Gross Rankings Against CAI Emerging Markets Equity Mut Funds (Gross) Seven Years Ended June 30, 2017



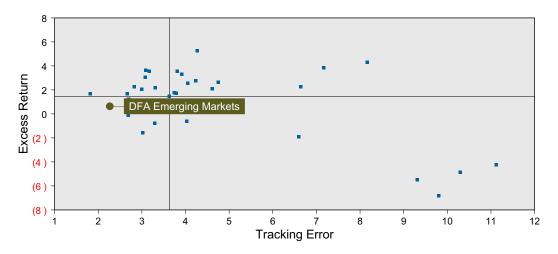


## **DFA Emerging Markets Risk Analysis Summary**

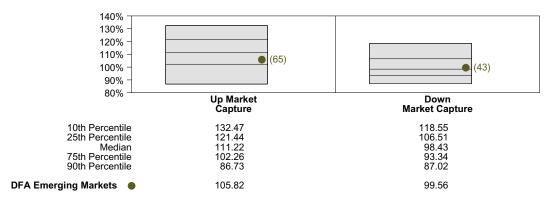
#### **Risk Analysis**

The graphs below analyze the risk or variation of a manager's return pattern. The first scatter chart illustrates the relationship, called Excess Return Ratio, between excess return and tracking error relative to the benchmark. The second chart shows Up and Down Market Capture. The last two charts show the ranking of the manager's risk statistics versus the peer group.

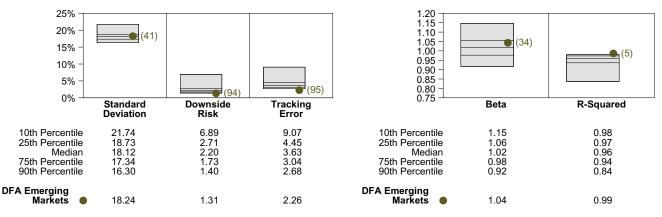
#### Risk Analysis vs CAI Emerging Markets Equity Mut Funds (Gross) Seven Years Ended June 30, 2017



Market Capture vs MSCI EM - Emerging Mkts (USD Gross Div) Rankings Against CAI Emerging Markets Equity Mut Funds (Gross) Seven Years Ended June 30, 2017



Risk Statistics Rankings vs MSCI EM - Emerging Mkts (USD Gross Div) Rankings Against CAI Emerging Markets Equity Mut Funds (Gross) Seven Years Ended June 30, 2017



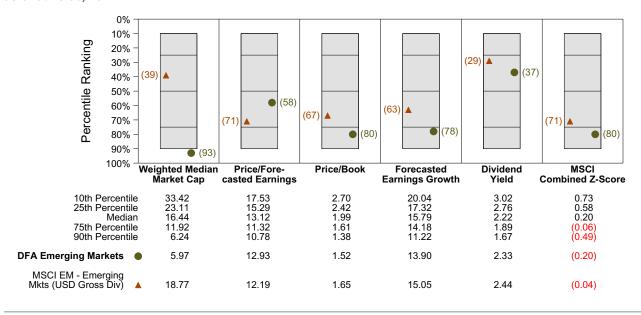


## DFA Emerging Markets Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

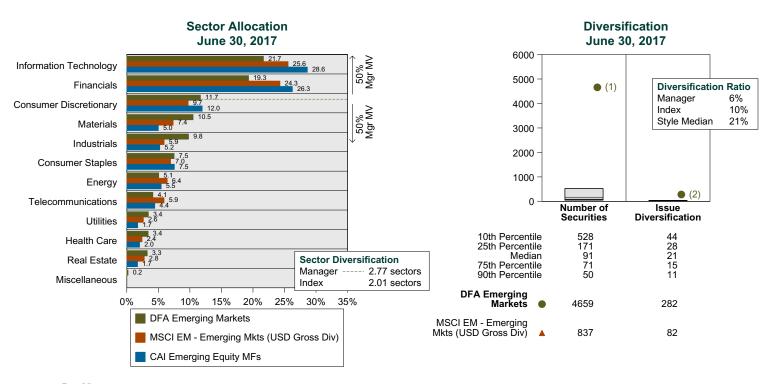
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against CAI Emerging Markets Equity Mut Funds as of June 30, 2017



#### **Sector Weights**

The graph below contrasts the manager's sector weights with those of the benchmark and median sector weights across the members of the peer group. The magnitude of sector weight differences from the index and the manager's sector diversification are also shown. Diversification by number and concentration of holdings are also compared to the benchmark and peer group. Issue Diversification represents by count, and Diversification Ratio by percent, the number of holdings that account for half of the portfolio's market value.

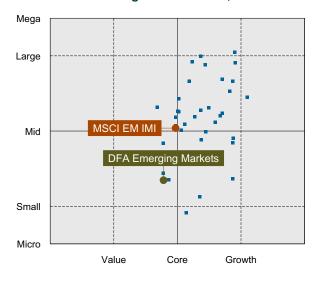




### Current Holdings Based Style Analysis DFA Emerging Markets As of June 30, 2017

This page analyzes the current investment style of a portfolio utilizing a detailed holdings-based style analysis to determine actual exposures to various regional and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the current market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the current portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The middle chart illustrates the total exposures and stock counts in the three style segments, with a legend showing the total growth, value, and "combined Z" (growth - value) scores. The bottom chart exhibits the sector weights as well as the style weights within each sector.

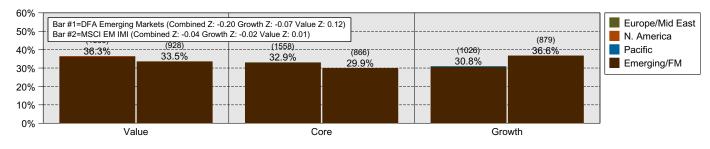
## Style Map vs CAI Emerging Equity MFs Holdings as of June 30, 2017



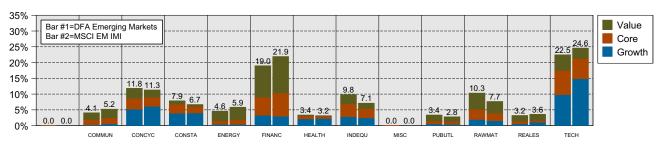
#### Style Exposure Matrix Holdings as of June 30, 2017

	Value	Core	Growth	Total
	33.5% (928)	29.9% (866)	36.6% (879)	100.0% (2673)
Total				, ,
	36.3% (1800)	32.9% (1558)	30.8% (1026)	100.0% (4384)
Emerging/ FM	33.5% (928)	29.9% (866)	36.6% (879)	100.0% (2673)
	36.2% (1779)	32.8% (1525)	30.8% (1012)	99.8% (4316)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Pacific				
	0.0% (19)	0.0% (24)	0.0% (14)	0.1% (57)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
N. America	, ,	, ,	, ,	, ,
	0.0% (2)	0.0% (8)	0.0% (0)	0.1% (10)
Europe/ Mid East	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (1)	0.0% (0)	0.0% (1)

## Combined Z-Score Style Distribution Holdings as of June 30, 2017



## Sector Weights Distribution Holdings as of June 30, 2017





#### **Historical Holdings Based Style Analysis DFA Emerging Markets** For Five Years Ended June 30, 2017

This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various region and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments are determined using the "Combined Z Score", based on the eight fundamental factors used in the MSCI stock style scoring system. The upper-left style map illustrates the average historical market capitalization and style score of the portfolio relative to indices and/or peers. The upper-right style exposure matrix displays the average historical portfolio and index weights and stock counts (in parentheses) in each region/style segment of the market. The next two style exposure charts illustrate the actual quarterly region/style and style only segment exposures of the portfolio through history.

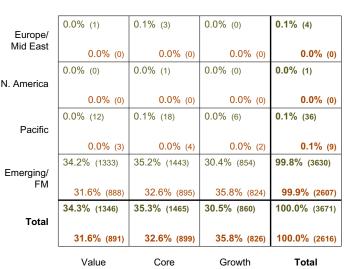
#### Average Style Map vs CAI Emerging Equity MFs Holdings for Five Years Ended June 30, 2017

## Mega Large MSCI EM IMI Mid DFA Emerging Markets

Small

Micro

**Average Style Exposure Matrix** Holdings for Five Years Ended June 30, 2017

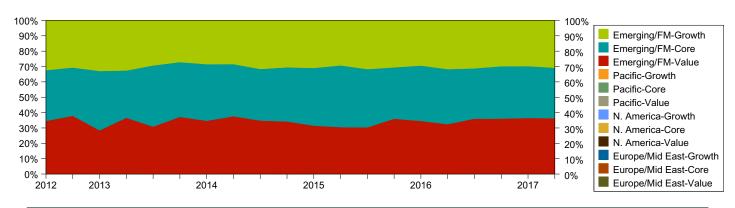


#### **DFA Emerging Markets Historical Region/Style Exposures**

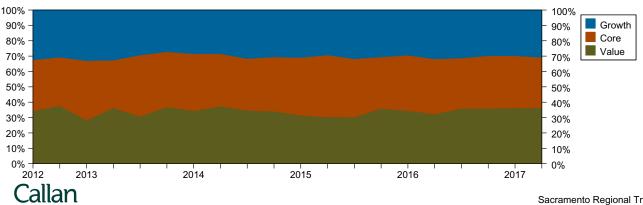
Core

Growth

Value



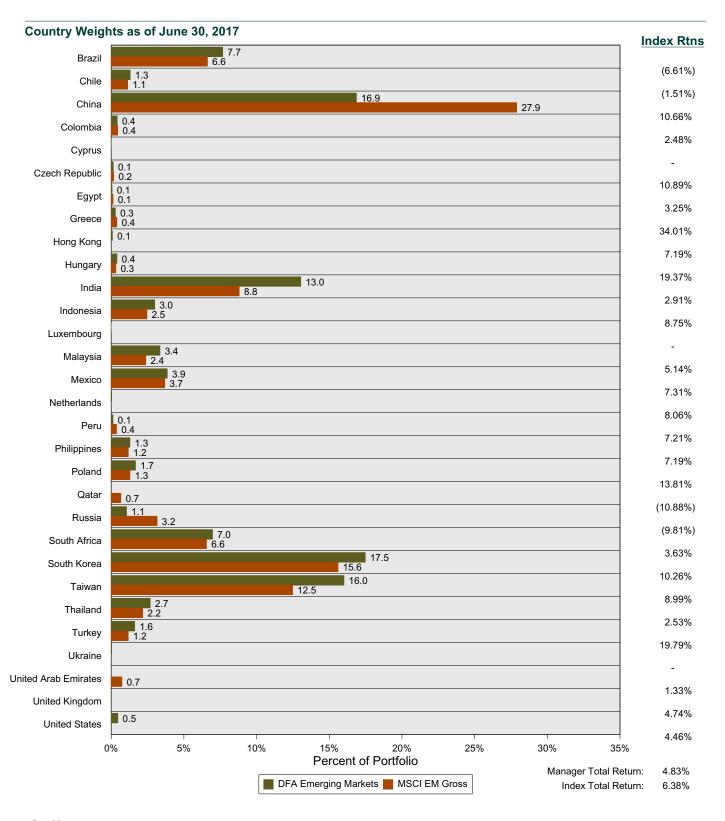
#### **DFA Emerging Markets Historical Style Only Exposures**



## Country Allocation DFA Emerging Markets VS MSCI EM - Emerging Mkts (USD Gross Div)

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of June 30, 2017. This chart is useful because large deviations in country allocation relative to the index are often good predictors of tracking error in the subsequent quarter. To the extent that the portfolio allocation is similar to the index, the portfolio should experience more "index-like" performance. In order to illustrate the performance effect on the portfolio and index of these country allocations, the individual index country returns are also shown.





# DFA Emerging Markets Top 10 Portfolio Holdings Characteristics as of June 30, 2017

### 10 Largest Holdings

						Price/		
		Ending	Percent			Forecasted		Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Samsung Electronics Co Ltd Ord	Information Technology	\$584,060	3.8%	13.16%	271.47	8.35	1.47%	27.46%
Tencent Holdings Limited Shs Par Hkd	Information Technology	\$245,930	1.6%	25.04%	339.05	34.36	0.22%	29.63%
Taiwan Semicond Manufac Co L Shs	Information Technology	\$185,841	1.2%	13.62%	177.73	14.67	3.36%	9.65%
Taiwan Semiconductor Mfg Co Ltd Spon	Information Technology	\$176,474	1.1%	9.87%	177.73	14.67	3.36%	9.65%
Hon Hai Precision Inds Ltd Ord	Information Technology	\$141,802	0.9%	28.24%	66.65	12.07	3.85%	6.36%
China Construction Bank Shs H	Financials	\$124,110	0.8%	1.37%	186.32	5.38	5.18%	6.35%
Sk Hynix Inc Shs	Information Technology	\$121,964	0.8%	0.00%	42.89	5.50	0.89%	16.40%
Alibaba Group Hldg Ltd Sponsored Ads	Information Technology	\$94,072	0.6%	30.67%	360.87	28.70	0.00%	32.20%
Industrial and Comm Bk of Cn Hkd Shs	Financials	\$82,714	0.5%	3.14%	58.59	5.72	5.01%	3.38%
Itau Unibanco Holding Sa Pfd Shs	Financials	\$77,949	0.5%	(6.93)%	35.83	9.53	4.86%	11.40%

#### **10 Best Performers**

						Price/		
		Ending	Percent			Forecasted		Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Monsanto India	Materials	\$1,402	0.0%	828.88%	0.73	28.05	1.09%	20.63%
Manappuram General Fin.	Financials	\$4,261	0.0%	396.62%	1.28	9.44	2.04%	10.18%
Abbott India	Health Care	\$170	0.0%	333.72%	1.40	23.77	0.94%	16.15%
Elk	Information Technology	\$349	0.0%	200.00%	0.09	(1.74)	0.00%	-
Glaxosmithkline Consumer	Consumer Staples	\$2,001	0.0%	182.62%	3.48	29.81	1.31%	10.02%
Indiabulls Securities Ltd Shs	Financials	\$1,118	0.0%	178.95%	1.11	76.06	1.85%	-
Dongyue Group Limited Shs	Materials	\$2,187	0.0%	173.29%	1.02	25.37	2.66%	(38.94)%
City Union Bank	Financials	\$2,352	0.0%	155.92%	1.64	17.79	0.68%	3.60%
Zhong An Real Estate Hkd0.10	Real Estate	\$630	0.0%	155.19%	0.60	35.50	0.00%	-
Future Enterprises	Consumer Discretionary	\$476	0.0%	147.58%	0.21	-	0.31%	-

#### **10 Worst Performers**

						Price/		
		Ending	Percent			Forecasted		Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Suprajit Engineering	Consumer Discretionary	\$180	0.0%	(96.28)%	0.65	28.33	0.33%	22.93%
Tamilnadu News & Papers	Materials	\$765	0.0%	(87.51)%	0.33	6.22	2.41%	31.25%
Kpit Cummins Info Sys.	Information Technology	\$2,125	0.0%	(83.56)%	0.38	9.36	1.79%	2.99%
Shilpi Cable Technologies Ltd	Industrials	\$85	0.0%	(83.55)%	0.06	1.80	2.80%	-
Sintex Inds.	Consumer Discretionary	\$1,037	0.0%	(83.38)%	0.21	1.71	0.50%	(9.08)%
Ramco Industries Ltd.	Materials	\$233	0.0%	(82.86)%	0.32	29.36	0.21%	6.66%
Tata Sponge Iron	Materials	\$320	0.0%	(82.40)%	0.18	12.27	1.42%	(11.84)%
H C L Infosystems	Information Technology	\$569	0.0%	(80.04)%	0.15	(13.80)	0.00%	-
Videocon Industries Ltd Shs Demateri	Consumer Discretionary	\$179	0.0%	(79.85)%	0.11	-	9.48%	-
Eqstra Holdings Ltd Shs	Industrials	\$2	0.0%	(70.54)%	0.00	0.00	0.00%	-



### Metropolitan West Period Ended June 30, 2017

#### **Investment Philosophy**

Metropolitan West Asset Management (MWAM) attempts to add value by limiting duration, managing the yield curve, rotating among bond market sectors and using proprietary quantitative valuation techniques.

#### **Quarterly Summary and Highlights**

- Metropolitan West's portfolio posted a 1.48% return for the quarter placing it in the 88 percentile of the CAI Core Plus Fixed Income group for the quarter and in the 90 percentile for the last year.
- Metropolitan West's portfolio outperformed the Blmbg Aggregate by 0.03% for the quarter and outperformed the Blmbg Aggregate for the year by 1.01%.

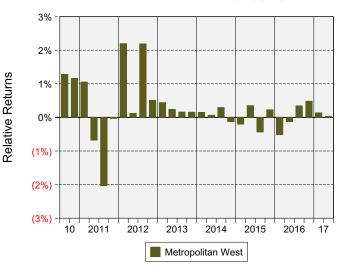
Quarterly	Asset	Growth
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Beginning Market Value	\$87,205,161
Net New Investment	\$0
Investment Gains/(Losses)	\$1,289,873
Ending Market Value	\$88,495,034

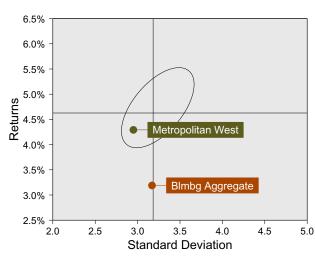
### Performance vs CAI Core Plus Fixed Income (Gross)



#### Relative Return vs Blmbg Aggregate



## CAI Core Plus Fixed Income (Gross) Annualized Seven Year Risk vs Return



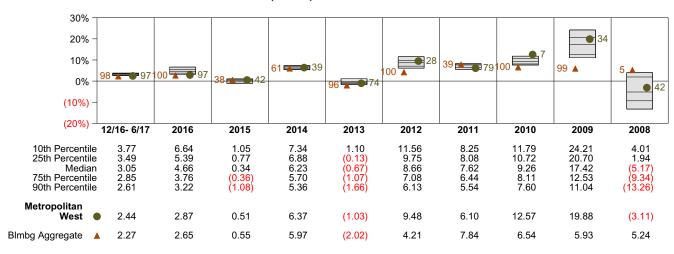


### Metropolitan West Return Analysis Summary

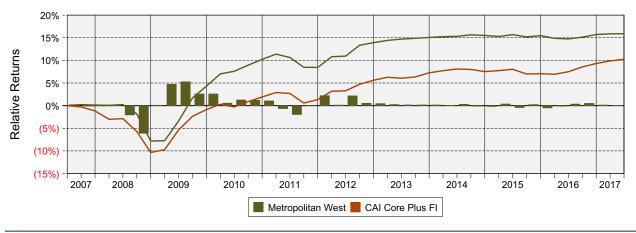
#### **Return Analysis**

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

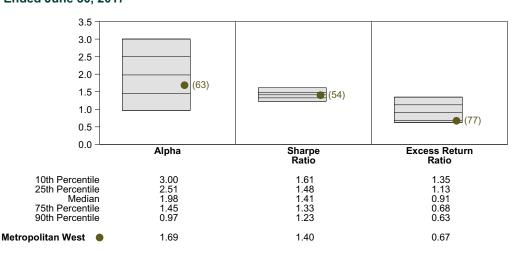
#### Performance vs CAI Core Plus Fixed Income (Gross)



#### **Cumulative and Quarterly Relative Return vs Blmbg Aggregate**



Risk Adjusted Return Measures vs Blmbg Aggregate Rankings Against CAI Core Plus Fixed Income (Gross) Seven Years Ended June 30, 2017



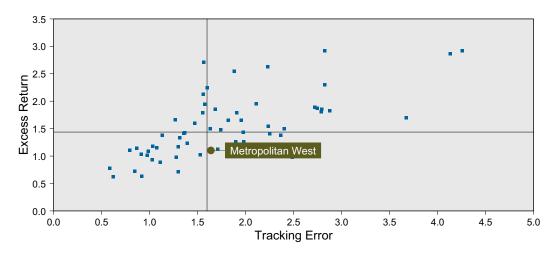


### Metropolitan West Risk Analysis Summary

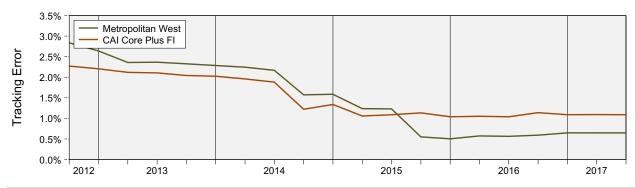
#### **Risk Analysis**

The graphs below analyze the risk or variation of a manager's return pattern. The first scatter chart illustrates the relationship, called Excess Return Ratio, between excess return and tracking error relative to the benchmark. The second chart shows tracking error patterns versus the benchmark over time. The last two charts show the ranking of the manager's risk statistics versus the peer group.

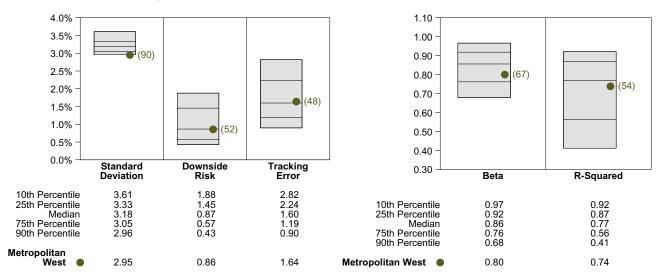
#### Risk Analysis vs CAI Core Plus Fixed Income (Gross) Seven Years Ended June 30, 2017



Rolling 12 Quarter Tracking Error vs Bloomberg Barclays Aggregate



Risk Statistics Rankings vs Bloomberg Barclays Aggregate Rankings Against CAI Core Plus Fixed Income (Gross) Seven Years Ended June 30, 2017



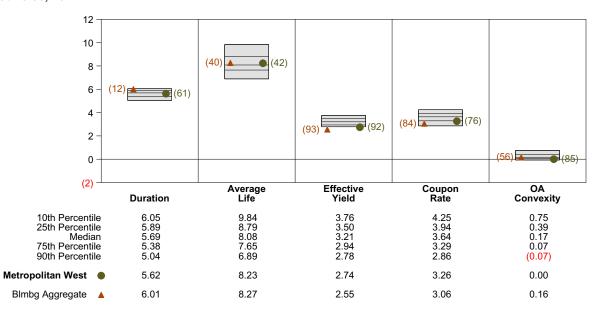


### Metropolitan West Bond Characteristics Analysis Summary

#### **Portfolio Characteristics**

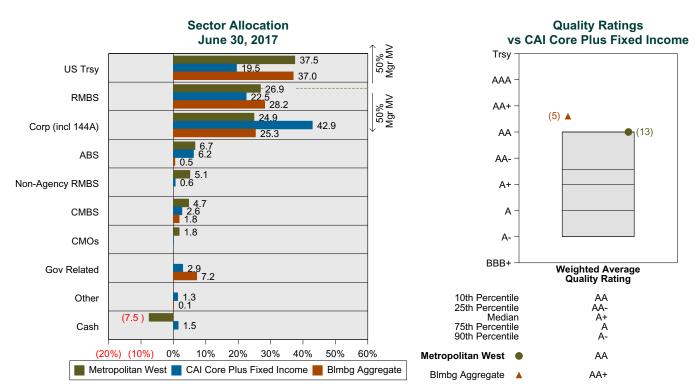
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Fixed Income Portfolio Characteristics Rankings Against CAI Core Plus Fixed Income as of June 30, 2017



#### **Sector Allocation and Quality Ratings**

The first graph compares the manager's sector allocation with the average allocation across all the members of the manager's style. The second graph compares the manager's weighted average quality rating with the range of quality ratings for the style.

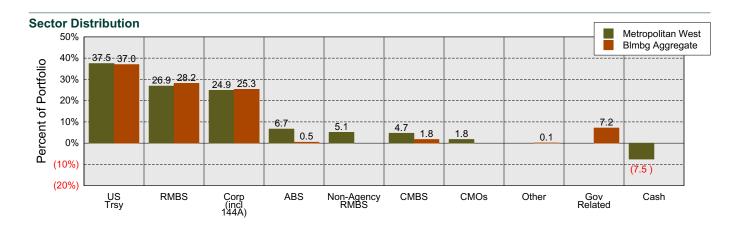


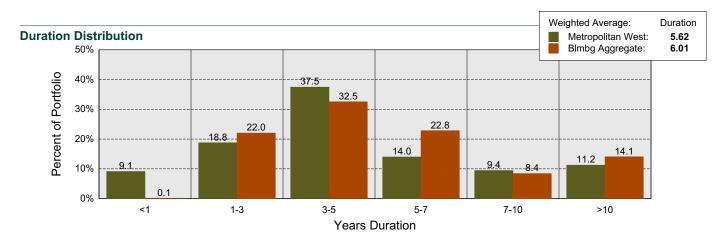


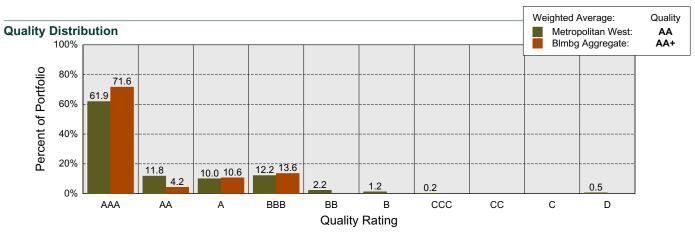
### Metropolitan West Portfolio Characteristics Summary As of June 30, 2017

### **Portfolio Structure Comparison**

The charts below compare the structure of the portfolio to that of the index from the three perspectives that have the greatest influence on return. The first chart compares the two portfolios across sectors. The second chart compares the duration distribution. The last chart compares the distribution across quality ratings.









#### **Risk/Reward Statistics**

The risk statistics used in this report examine performance characteristics of a manager or a portfolio relative to a benchmark (market indicator) which assumes to represent overall movements in the asset class being considered. The main unit of analysis is the excess return, which is the portfolio return minus the return on a risk free asset (3 month T-Bill).

Alpha measures a portfolio's return in excess of the market return adjusted for risk. It is a measure of the manager's contribution to performance with reference to security selection. A positive alpha indicates that a portfolio was positively rewarded for the residual risk which was taken for that level of market exposure.

**Beta** measures the sensitivity of rates of portfolio returns to movements in the market index. A portfolio's beta measures the expected change in return per 1% change in the return on the market. If a beta of a portfolio is 1.5, a 1 percent increase in the return on the market will result, on average, in a 1.5 percent increase in the return on the portfolio. The converse would also be true.

**Downside Risk** stems from the desire to differentiate between "good risk" (upside volatility) and "bad risk" (downside volatility). Whereas standard deviation punishes both upside and downside volatility, downside risk measures only the standard deviation of returns below the target. Returns above the target are assigned a deviation of zero. Both the frequency and magnitude of underperformance affect the amount of downside risk.

**Excess Return Ratio** is a measure of risk adjusted relative return. This ratio captures the amount of active management performance (value added relative to an index) per unit of active management risk (tracking error against the index.) It is calculated by dividing the manager's annualized cumulative excess return relative to the index by the standard deviation of the individual quarterly excess returns. The Excess Return Ratio can be interpreted as the manager's active risk/reward tradeoff for diverging from the index when the index is mandated to be the "riskless" market position.

**Information Ratio** measures the manager's market risk-adjusted excess return per unit of residual risk relative to a benchmark. It is computed by dividing alpha by the residual risk over a given time period. Assuming all other factors being equal, managers with lower residual risk achieve higher values in the information ratio. Managers with higher information ratios will add value relative to the benchmark more reliably and consistently.

**R-Squared** indicates the extent to which the variability of the portfolio returns are explained by market action. It can also be thought of as measuring the diversification relative to the appropriate benchmark. An r-squared value of .75 indicates that 75% of the fluctuation in a portfolio return is explained by market action. An r-squared of 1.0 indicates that a portfolio's returns are entirely related to the market and it is not influenced by other factors. An r-squared of zero indicates that no relationship exists between the portfolio's return and the market.

Relative Standard Deviation is a simple measure of a manager's risk (volatility) relative to a benchmark. It is calculated by dividing the manager's standard deviation of returns by the benchmark's standard deviation of returns. A relative standard deviation of 1.20, for example, means the manager has exhibited 20% more risk than the benchmark over that time period. A ratio of .80 would imply 20% less risk. This ratio is especially useful when analyzing the risk of investment grade fixed-income products where actual historical durations are not available. By using this relative risk measure over rolling time periods one can illustrate the "implied" historical duration patterns of the portfolio versus the benchmark.

Residual Portfolio Risk is the unsystematic risk of a fund, the portion of the total risk unique to the fund (manager) itself and not related to the overall market. This reflects the "bets" which the manager places in that particular asset market. These bets may reflect emphasis in particular sectors, maturities (for bonds), or other issue specific factors which the manager considers a good investment opportunity. Diversification of the portfolio will reduce or eliminate the residual risk of that portfolio.



#### **Risk/Reward Statistics**

**Sharpe Ratio** is a commonly used measure of risk-adjusted return. It is calculated by subtracting the "risk-free" return (usually 3 Month Treasury Bill) from the portfolio return and dividing the resulting "excess return" by the portfolio's risk level (standard deviation). The result is a measure of return gained per unit of risk taken.

**Sortino Ratio** is a downside risk-adjusted measure of value-added. It measures excess return over a benchmark divided by downside risk. The natural appeal is that it identifies value-added per unit of truly bad risk. The danger of interpretation, however, lies in these two areas: (1) the statistical significance of the denominator, and (2) its reliance on the persistence of skewness in return distributions.

**Standard Deviation** is a statistical measure of portfolio risk. It reflects the average deviation of the observations from their sample mean. Standard deviation is used as an estimate of risk since it measures how wide the range of returns typically is. The wider the typical range of returns, the higher the standard deviation of returns, and the higher the portfolio risk. If returns are normally distributed (ie. has a bell shaped curve distribution) then approximately 2/3 of the returns would occur within plus or minus one standard deviation from the sample mean.

**Total Portfolio Risk** is a measure of the volatility of the quarterly excess returns of an asset. Total risk is composed of two measures of risk: market (non-diversifiable or systematic) risk and residual (diversifiable or unsystematic) risk. The purpose of portfolio diversification is to reduce the residual risk of the portfolio.

**Tracking Error** is a statistical measure of a portfolio's risk relative to an index. It reflects the standard deviation of a portfolio's individual quarterly or monthly returns from the index's returns. Typically, the lower the Tracking Error, the more "index-like" the portfolio.

**Treynor Ratio** represents the portfolio's average excess return over a specified period divided by the beta relative to its benchmark over that same period. This measure reflects the reward over the risk-free rate relative to the systematic risk assumed.

Note: Alpha, Total Risk, and Residual Risk are annualized.



### **Research and Educational Programs**

The Callan Institute provides both research to update clients on the latest industry trends and carefully structured educational programs to enhance the knowledge of industry professionals. Visit www.callan.com/library to see all of our publications, and www.callan.com/blog to view our blog "Perspectives." For more information contact Anna West at 415.974.5060 / institute@callan.com.

### **New Research from Callan's Experts**



The Hedge Fund Edge: Still Sharp or Too Dull? | Why should investors bother with hedge funds? The original proposition behind them was their differentiated performance: better risk-adjusted returns with a lower correlation to traditional capital markets. Do hedge funds still have their inherent advan-

tage? This white paper looks at the key traits in the DNA of hedge funds—and why they still offer an advantage for investors.

White Label Funds: A No-Nonsense Design Handbook | In a paper published in *The Journal of Retirement,* Callan's Rod Bare, Jay Kloepfer, Lori Lucas, and Jimmy Veneruso offer a guide to plan sponsors considering adding these funds to their lineup.

Survivorship Bias Presentation Summary, 2017 National Conference | In this presentation, Greg Allen and Butch Cliff discussed an algorithm they developed with Walter J. Meerschaert, Callan's manager of Information Technology, to measure and correct for survivorship bias, the logical flaw of looking only at the results for the survivors in a universe, rather than the results for all members of the universe. Their algorithm, called SUBICO (for SUrvivorship Blas COrrection), uses all of the underlying data for both surviving and non-surviving members of the universe to correct for survivorship bias.

Next Generation QDIAs, 2017 National Conference | The workshop "The Future of DC Is Here: The Next Generation of QDIAs," hosted by Ben Taylor, James Veneruso, and Brianne Weymouth, discussed new approaches to qualified default investment alternatives as they become the primary savings vehicle for defined contribution plans.



June 2017 Monthly Periodic Table of Returns | A monthly update for Callan's Periodic Table of Investment Returns, covering the major public equity asset classes.

#### **Periodicals**

**Private Markets Trends, Spring 2017** | Gary Robertson reports that the private equity market is off to a roaring start in 2017, and new partnership commitments may exceed the level of 2016.

**Hedge Fund Monitor, 2nd Quarter 2017** | Jim McKee looks at "false charges," or bear markets that come and go quickly but can leave unprepared investors at significant risk.

**DC Observer, 2nd Quarter 2017** | Lori Lucas discusses how to manage DC plan recordkeepers, explaining that one of the best ways is to conduct periodic searches.

Market Pulse Flipbook, 1st Quarter 2017 | A quarterly market reference guide covering investment and fund sponsor trends in the U.S. economy, U.S. and non-U.S. equities and fixed income, alternatives, and defined contribution.

Capital Market Review, 1st Quarter 2017 | A quarterly macroeconomic newsletter providing thoughtful insights on the economy and recent performance in equity, fixed income, alternatives, international, real estate, and other capital markets.

#### **Events**

Miss out on a Callan conference or workshop? Event summaries and speakers' presentations are available on our website: www.callan.com/library/

Mark your calendars for our fall **Regional Workshop**, October 24 in New York and October 26 in Chicago, where we'll cover highlights from our soon-to-be published *Investment Management Fee Survey* and cover other aspects of fees. Callan's **National Conference** will be held January 29–31, 2018, at the Palace Hotel in San Francisco.

For more information about events, please contact Barb Gerraty: 415.274.3093 / gerraty@callan.com

## The Center for Investment Training Educational Sessions

The Center for Investment Training, better known as the "Callan College," provides a foundation of knowledge for industry professionals who are involved in the investment decision-making process. It was founded in 1994 to provide clients and non-clients alike with basic- to intermediate-level instruction. Our next session is:

#### Introduction to Investments

Chicago, October 24-25, 2017

This program familiarizes fund sponsor trustees, staff, and asset management advisers with basic investment theory, terminology, and practices. It lasts one-and-a-half days and is designed for individuals who have less than two years of experience with asset-management oversight and/or support responsibilities. Tuition for the Introductory "Callan College" session is \$2,350 per person. Tuition includes instruction, all materials, breakfast and lunch on each day, and dinner on the first evening with the instructors.

#### **Customized Sessions**

The "Callan College" is equipped to customize a curriculum to meet the training and educational needs of a specific organization. These tailored sessions range from basic to advanced and can take place anywhere—even at your office.

Learn more at www.callan.com/events/callan-college-intro or contact Kathleen Cunnie: 415.274.3029 / cunnie@callan.com

#### **Education: By the Numbers**

525

Attendees (on average) of the Institute's annual National Conference

**50+** 

Unique pieces of research the Institute generates each year

3,500

Total attendees of the "Callan College" since 1994

1980

Year the Callan Institute was founded



"We think the best way to learn something is to teach it.

Entrusting client education to our consultants and specialists ensures that they have a total command of their subject matter. This is one reason why education and research have been cornerstones of our firm for more than 40 years."

Ron Peyton, Chairman and CEO

### **List of Callan's Investment Manager Clients**

Confidential - For Callan Client Use Only

Callan takes its fiduciary and disclosure responsibilities to clients very seriously. We recognize that there are numerous potential conflicts of interest encountered in the investment consulting industry and that it is our responsibility to manage those conflicts effectively and in the best interest of our clients. At Callan, we employ a robust process to identify, manage, monitor and disclose potential conflicts on an on-going basis.

The list below is an important component of our conflicts management and disclosure process. It identifies those investment managers that pay Callan fees for educational, consulting, software, database or reporting products and services. We update the list quarterly because we believe that our fund sponsor clients should know the investment managers that do business with Callan, particularly those investment manager clients that the fund sponsor clients may be using or considering using. Callan is committed to ensuring that we do not consider an investment manager's business relationship with Callan, or lack thereof, in performing evaluations for or making suggestions or recommendations to its other clients. Please refer to Callan's ADV Part 2A for a more detailed description of the services and products that Callan makes available to investment manager clients through our Institutional Consulting Group, Independent Adviser Group and Fund Sponsor Consulting Group. Due to the complex corporate and organizational ownership structures of many investment management firms, parent and affiliate firm relationships are not indicated on our list.

Fund sponsor clients may request a copy of the most currently available list at any time. Fund sponsor clients may also request specific information regarding the fees paid to Callan by particular fund manager clients. Per company policy, information requests regarding fees are handled exclusively by Callan's Compliance Department.

by Callait's Compliance Department.
Manager Name
1607 Capital Partners, LLC
Aberdeen Asset Management PLC
Acadian Asset Management LLC
AEGON USA Investment Management
AEW Capital Management
Affiliated Managers Group, Inc.
Alcentra
AllianceBernstein
Allianz Global Investors
Allianz Life Insurance Company of North America
American Century Investments
Amundi Smith Breeden LLC
Angelo, Gordon & Co.
Apollo Global Management
AQR Capital Management
Ares Management LLC
Ariel Investments, LLC
Aristotle Capital Management, LLC
Artisan Holdings
Atlanta Capital Management Co., LLC
Aviva Investors Americas
AXA Investment Managers
Baillie Gifford Overseas Limited
Baird Advisors
Bank of America
Barings LLC
Baron Capital Management, Inc.
Barrow, Hanley, Mewhinney & Strauss, LLC
Black Creek Investment Management Inc.
BlackRock
BMO Global Asset Management
BNP Paribas Investment Partners
BNY Mellon Asset Management
Boston Partners
Boyd Watterson Asset Management, LLC
Brandes Investment Partners, L.P.

Manager Name
Brandywine Global Investment Management, LLC
Brown Brothers Harriman & Company
Brown Investment Advisory & Trust Company
Cambiar Investors, LLC
Capital Group
CastleArk Management, LLC
Causeway Capital Management
Chartwell Investment Partners
Chicago Equity Partners, LLC
ClearBridge Investments, LLC
Cohen & Steers Capital Management, Inc.
Columbia Management Investment Advisers, LLC
Columbus Circle Investors
Cornerstone Capital Management
Cramer Rosenthal McGlynn, LLC
Credit Suisse Asset Management
Crestline Investors, Inc.
D.E. Shaw Investment Management, L.L.C.
DePrince, Race & Zollo, Inc.
Deutsche Asset Management
Diamond Hill Capital Management, Inc.
Dimensional Fund Advisors LP
Doubleline
Duff & Phelps Investment Mgmt. Co.
Eagle Asset Management, Inc.
EARNEST Partners, LLC
Eaton Vance Management
Epoch Investment Partners, Inc.
Fayez Sarofim & Company
Federated Investors
Fidelity Institutional Asset Management
Fiera Capital Corporation
First Eagle Investment Management, LLC
First Hawaiian Bank Wealth Management Division
Fisher Investments
Franklin Templeton

Manager Name Franklin Templeton Institutional Fred Alger Management, Inc. Fuller & Thaler Asset Management, Inc. GAM (USA) Inc. Global Evolution USA GlobeFlex Capital, L.P. **GMO** Goldman Sachs Asset Management Gryphon International Investment Corporation Guggenheim Investments **GW&K Investment Management** Harbor Capital Group Trust Harding Loevner LP Hartford Funds Hartford Investment Management Co. Heitman LLC Henderson Global Investors Hotchkis & Wiley Capital Management, LLC **HSBC Global Asset Management** Income Research + Management, Inc. Insight Investment Management Limited INTECH Investment Management, LLC Invesco **Investec Asset Management** Ivy Investments Jacobs Levy Equity Management, Inc. Janus Capital Management, LLC Jensen Investment Management Jobs Peak Advisors J.P. Morgan Asset Management KeyCorp Lazard Asset Management Legal & General Investment Management America **Lincoln National Corporation** LMCG Investments, LLC Logan Circle Partners, L.P. Longfellow Investment Management Co. **Longview Partners** Loomis, Sayles & Company, L.P. Lord Abbett & Company Los Angeles Capital Management LSV Asset Management MacKay Shields LLC Macquarie Investment Management (formerly Delaware Investments) Man Investments Inc. Manulife Asset Management McKinley Capital Management, LLC MFS Investment Management MidFirst Bank Mondrian Investment Partners Limited Montag & Caldwell, LLC Morgan Stanley Investment Management Mountain Lake Investment Management LLC MUFG Union Bank, N.A. Neuberger Berman New York Life Investment Management LLC Newfleet Asset Management LLC Newton Investment Management (fka Newton Capital Mgmt) Nikko Asset Management Co., Ltd.

Manager Name Northern Trust Asset Management Nuveen Investments, Inc. **OFI Global Asset Management** Old Mutual Asset Management O'Shaughnessy Asset Management, LLC Pacific Investment Management Company Peregrine Capital Management, Inc. **PGIM** PGIM Fixed Income PineBridge Investments Pioneer Investments PNC Capital Advisors, LLC PPM America Principal Global Investors Private Advisors, LLC Putnam Investments, LLC Pzena Investment Management, LLC QMA (Quantitative Management Associates) **RBC Global Asset Management** Record Currency Management Ltd. Regions Financial Corporation RidgeWorth Capital Management, Inc. Rockefeller & Co., Inc. Rothschild Asset Management, Inc. Russell Investments Santander Global Facilities Schroder Investment Management North America Inc. Smith, Graham & Co. Investment Advisors, L.P. Smith Group Asset Management South Texas Money Management, Ltd. Standard Life Investments Limited Standish State Street Global Advisors Stone Harbor Investment Partners, L.P. Strategic Global Advisors T. Rowe Price Associates, Inc. Taplin, Canida & Habacht Teachers Insurance & Annuity Association of America The Boston Company Asset Management, LLC The Hartford The London Company The TCW Group, Inc. Thompson, Siegel & Walmsley LLC Thornburg Investment Management, Inc. Tri-Star Trust Bank **UBS Asset Management** Van Eck Global Versus Capital Group Victory Capital Management Inc. Vontobel Asset Management, Inc. Voya Financial Voya Investment Management (fka ING) Vulcan Value Partners, LLC Wasatch Advisors, Inc. WCM Investment Management WEDGE Capital Management Wedgewood Partners, Inc. Wellington Management Company, LLP Wells Capital Management Western Asset Management Company

Manager Name Manager Name

William Blair & Company WisdomTree Asset Management

Production Date: 06/30/2017



## Account Compliance Summary

Alerts: 0
Warnings: 0
Passes: 14

#### **A5XB SACRT - ATLANTA CAPITAL MGMT**

	Securities + Cash	24,756,059.32	Base Currency	USD	Net Assets	24,786,908	
	Rule Name			Limit Type	Limit Value	Result	Result Status
1	144A and Private Placements are p			Maximum	0.00%	0.00 %	Pass
2	<u>Asset Measures</u> AssetMeasure: AssetMea	asure_Funds_Preferred_Denominator (34662	)		24,7	56,059.32 Value	Pass
3		rities which trade on U.Sbased exchanges, ceipts (ADRs), shall not exceed 5% of the po		Maximum	5.00%	0.00 %	Pass
4	Investments in commodi	ties are prohibited (143655)		Maximum	0.00%	0.00 %	Pass
5	Margin Securities are pro	phibited. (143651)		Maximum	0.00%	0.00 %	Pass
6	Ownership of shares/deb	ot issued limit 5% ex null (143652)		Maximum	5.00%	0.04 %	Pass
7	The Fund may not enter i	into short sales. (143654)		Maximum	0.00%	0.00 %	Pass
8	The Fund may not hold a	ny Options. (143657)		Maximum	0.00%	0.00 %	Pass
9	The Fund may not hold n security (143659)	nore than 5% of the shares outstanding of ar	y domestic equity	Maximum	5.00%	0.04 %	Pass
10	Cash No more than 10% of the	Fund in cash and cash equivalents. (143656	)	Maximum	10.00%	3.43 %	Pass
11	Exchange Flag any non-US exchange	ge traded futures (143670)		Maximum	0.00%	0.00 %	Pass
12	Industry Industry Sector GICS - M	ax 25% at cost (143660)		Maximum	25.00%	6.60 %	Pass
13	The Fund shall not inves Industry as defined by G	ted in any security issued by a company in t CS (143650)	he Tobacco Sub-	Maximum	0.00%	0.00 %	Pass
14	Issuer Investments in a single d	omestic equity issuer shall not exceed 5% a	t cost (143661)	Maximum	5.00%	2.62 %	Pass



## **Account Compliance Summary**

Alerts:	0
Warnings:	0
Passes:	8

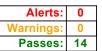
Production Date: 06/30/2017

#### **A5XD SACRT - METWEST**

	Securities + Cash 98,479,183.26	Base Currency	USD	Net Assets	88,489,676	
	Rule Name		Limit Type	Limit Value	Result	Result Status
1	144A and Private Placem The Fund is not permitted to hold any Private Placements	excluding 144a (143666)	Maximum	0.00%	0.00 %	Pass
2	<u>Asset Measures</u> AssetMeasure: AssetMeasure_Funds_Preferred_Denomin	ator (34662)		98,47	9,183.26 Value	Pass
3	Asset Type A5XD: Flag all prohibited security types (143665)		Maximum	0.00%	0.00 %	Pass
4	Asset-Backed Commercial Paper - Minimum Quality of A2	/P2 (157603)	Maximum	0	0 Num Bkts	Pass
5	Credit Quality Minimum Quality must be at lesst 80% Baa or above (1576)	04)	Minimum	80.00%	93.61 %	Pass
6	No Commercial Paper rated < A2/P2 at time of purchase (1	43662)	Maximum	0.00%	0.00 %	Pass
7	The Weighted Average Credit Rating of the Fund must be	A or better (143663)	Minimum	20	23.06 Rank	Pass
8	Industry The Fund shall not invested in any security issued by a collndustry as defined by GICS (143650)	ompany in the Tobacco Sub-	Maximum	0.00%	0.00 %	Pass



## Account Compliance Summary



A5Z8 SACRT - ROBECO Production Date: 06/30/2017

	Securities + Cash 45,8	65,828.88	Base Currency	USD	Net Assets	45,850,964	
	Rule Name			Limit Type	Limit Value	Result	Result Status
1	144A and Private Placem Private Placements are prohibite	ed. (143653)		Maximum	0.00%	0.00 %	Pass
2	<u>Asset Measures</u> AssetMeasure: AssetMeasure_F	unds_Preferred_Denominator (34662)			45,86	65,828.88 Value	Pass
3		hich trade on U.Sbased exchanges, i ADRs), shall not exceed 5% of the por		Maximum	5.00%	2.18 %	Pass
4	Investments in commodities are	prohibited (143655)		Maximum	0.00%	0.00 %	Pass
5	Margin Securities are prohibited	. (143651)		Maximum	0.00%	0.00 %	Pass
6	Ownership of shares/debt issue	d limit 5% ex null (143652)		Maximum	5.00%	0.01 %	Pass
7	The Fund may not enter into sho	ort sales. (143654)		Maximum	0.00%	0.00 %	Pass
8	The Fund may not hold any Opti	ons. (143657)		Maximum	0.00%	0.00 %	Pass
9	The Fund may not hold more the security (143659)	n 5% of the shares outstanding of any	domestic equity	Maximum	5.00%	0.01 %	Pass
10	Cash No more than 10% of the Fund in	n cash and cash equivalents. (143656)		Maximum	10.00%	2.80 %	Pass
11	Exchange Flag any non-US exchange trade	ed futures (143670)		Maximum	0.00%	0.00 %	Pass
12	Industry Industry Sector GICS - Max 25%	at cost (143660)		Maximum	25.00%	12.65 %	Pass
13	The Fund shall not invested in a Industry as defined by GICS (14	ny security issued by a company in th 3650)	e Tobacco Sub-	Maximum	0.00%	0.00 %	Pass
14	Issuer Investments in a single domesti	c equity issuer shall not exceed 5% at	cost (143661)	Maximum	5.00%	2.82 %	Pass



### **Account Compliance Summary**

Alerts: Warnings: Passes:

A5Z8 SACRT - ROBECO Production Date: 06/30/2017

Securities + Cash	45,865,828.88	Base Currency	USD	Net Assets	45,850,964	
Rule Name			Limit Type	Limit Value	Result	Result Status

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## REGIONAL TRANSIT ISSUE PAPER

Page 1 of 1

Agenda Item No.	Board Meeting Date	Open/Closed Session	Information/Action Item	Issue Date
		06331011	item	
23	09/13/17	Retirement	Information	8/16/17

Subject: Update on Roles and Responsibilities Related to Pension Administration (ALL). (Bonnel)

### **ISSUE**

Presentation regarding the roles and responsibilities of various District staff members and Legal Counsel related to administration of the Pension Plans (ALL). (Bonnel)

### **RECOMMENDED ACTION**

None associated with this matter.

### FISCAL IMPACT

None associated with this matter.

### **DISCUSSION**

This presentation by Donna Bonnel, Pension Plan Administrator, and the attached documents are provided to ensure the Boards have a greater understanding of the various duties of RT staff and consultants (including the Retirement Boards' Legal Counsel) as related to administration of the Pension Plans.

Attachment A – Pension Administration Staff Roles and Responsibilities

Attachment B – RT Staff Costs (Excluding the Pension and Retiree Services Administrator)
Attributable (but Not Charged) to RT Pension Plans

Attachment C – Summary of Legal Services Provided for the Quarter Ending June 30, 2017

Approved:	Presented:	
Final 9/5/17		
Director, Human Resources	Director, Human Resources	

# Pension Administration Staff Roles and Responsibilities

### **Plan Administration**

### **Customer Relations:**

Task	Primary Responsibility	Back Up Responsibility
Retirement Meetings	Director, Human Resources	Pension and Retirement Services Administrator (PRSA)
Research and address benefit discrepancies	Pension and Retirement Services Administrator (PRSA)	Pension Analyst
Disability Retirements	PRSA	Director, HR
Conduct Educational Sessions	PRSA	Pension Analyst
Respond to all Employee and Retiree inquiries	Pension Analyst	PRSA
Creation of Pension Estimates	Pension Analyst	PRSA
Processing Employee and Retiree Deaths	Pension Analyst	PRSA
Administration of Active and Term Vested (TV) Retirement Process, including:  Notifications Lost Participant Process (TV) Collection of all required documents Legal/Compliance Review Approval by General Manager	Pension Analyst	PRSA
Converting Employees to Retirees in SAP	Pension Analyst	Sr. HR Analyst - HRIS
Lost participant process for returned checks/stubs	Pension Analyst	PRSA
48-Month Salary Calculations	Pension Analyst	Payroll Supervisor and PRSA
Distribution of employee required contributions (per contract or PEPRA):  • Send notification  • Collect documentation  • Lost participant process  • Apply interest  • Process check	Pension Analyst	PRSA
Conduct Lost Participant Searches	Pension Analyst	PRSA
Administer Retiree Medical	Pension Analyst	Sr. HR Analyst
Managing Stale Dated and Lost Check Replacement	Payroll Analyst and Senior Accountant	Payroll Supervisor
Copies of Retiree Pay Stubs and 1099R's	Payroll Analyst	Payroll Supervisor
Printing, Stuffing, and Mailing Pay Stubs	Payroll Analyst	Payroll Supervisor
Verification of Retiree Wages: gross pay, net wages, no pre-tax	Administrative Technician (HR) and Payroll Analyst	PRSA and/or Payroll Supervisor

1 11286012.1

deductions, taxes	

### **Plan Documents:**

Task	Primary Responsibility	Back Up Responsibility
Negotiation of Benefits, Provisions	Director, Labor Relations	To be determined
Incorporate Negotiated		
Benefits/Provisions into Plan	Deputy Chief Counsel, RT	Chief Counsel, RT
Documents		
Interpretation of Provisions	Pension and Retiree Services	
	Administrator (PRSA) and Deputy	Chief Counsel, RT
	Chief Counsel, RT	
Guidance to Staff regarding legal	Pension and Retiree Services	
changes that affect Plans	Administrator (PRSA) and	Chief Counsel, RT
-	Deputy Chief Counsel, RT	

### **Vendor Administration:**

Task	Primary Responsibility	Back Up Responsibility
Legal Services (Hanson Bridgett) Contract Procurement	PRSA and Sr. Accountant	Director, Human Resources and Director, Finance
Actuarial Services (Cheiron) Contract Procurement	PRSA and Sr. Accountant	Director, Human Resources and Director, Finance
Retirement Board Policy	PRSA and Senior Accountant	Director, Human Resources or Director, Finance
Development and Administration	Hanson Bridgett and Cheiron	Hanson Bridgett and Cheiron

### **Retirement Board Administration:**

Task	Primary Responsibility	Back Up Responsibility
Creation of Agenda/IPs	Staff Presenting Issue to Board	n/a
Creation and Distribution of Retirement Board Packages	PRSA	Director, Human Resources
Management of Retirement Board Meetings	Assistant Secretary to the Retirement Boards	PRSA
Training of Staff/Board Members	PRSA	Staff/Vendor SME
New Retirement Board Member Training	PRSA and/or Sr. Accountant	Staff/Vendor SME

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### Semi-Annual/Annual/Bi-Annual Administration:

Task	Primary Responsibility	Back Up Responsibility
Valuation Study	PRSA and Senior Accountant	Director, Finance and Director, Human Resources
Experience Study	PRSA and Senior Accountant	Director, Finance and Director, Human Resources
Fiduciary Liability Insurance	PSRA	Director, Human Resources
OPEB Valuation Study	PRSA and Senior Accountant	Director, Finance and Director, Human Resources
Responses to Public Records Act Requests	Director, Human Resources	PRSA
Statement of Investment Objectives and Policy Guidelines management	Sr. Accountant	Director, Finance

### **Contract Administration:**

Task	Primary Responsibility	Back Up Responsibility	
Adherence to contract provisions	PRSA and/or Sr. Accountant	Director, Human Resources or Director, Finance	
Payment of Invoices	Sr. Accountant or Director, Human Resources	Director, Finance	
Contract Management, including RFP process	PRSA and/or Sr. Accountant	Director, Human Resources or Director, Finance	

### **Asset Management:**

Task	Primary Responsibility	Back Up Responsibility		
Asset Rebalancing	Sr. Accountant	Director, Finance		
Account Reconciliations	Sr. Accountant	Director, Finance		
Cash Transfers	Sr. Accountant	Director, Finance		
Fund Accounting	Sr. Accountant	Director, Finance		
Investment Management	Sr. Accountant	Director, Finance		
Financial Statement Preparation	Sr. Accountant	Director, Finance		
Annual Audit	Sr. Accountant	Director, Finance		
State Controller's Office Reporting	Sr. Accountant	Director, Finance		
U.S. Census Bureau Reporting	Sr. Accountant	Director, Finance		
Work with Contractors (Investment advisors (Callan), Custodian (State Street), Fund Managers, Auditors, and Actuary (Cheiron))	Sr. Accountant	Director, Finance		
Review Monthly Asset Rebalancing	Director, Finance	CFO		

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### **Attachment B**

Pension administration costs charged to the Plans

Time Period: April 1, 2017 to June 30, 2017

Sum of Value TranCurr	Time Feriod. April 1, 2017 to June 30, 2017		
WBS Element	Source object name	Period	Total
SAXXXX.PENATU	Finance And Treasury / Adelman, Jamie	10	196.20
	••	12	510.12
	Human Resources / Montung-Fuller, Mari	10	1,420.65
		11	1,420.65
		12	1,907.73
	Human Resources / Ung, Elaine	11	35.46
	Human Resources / Weekly, Valerie	10	2,758.00
		11	2,915.60
		12	2,521.60
	Legal / Sanchez, Olga	10	32.92
SAXXXX.PENATU Total			13,718.93
SAXXXX.PENIBEW	Finance And Treasury / Adelman, Jamie	10	196.20
		12	431.64
	Human Resources / Montung-Fuller, Mari	10	690.03
		11	1,136.52
		12	1,055.34
	Human Resources / Weekly, Valerie	10	1,654.80
		11	1,576.00
		12	1,497.20
	Legal / Sanchez, Olga	11	32.92
SAXXXX.PENIBEW Tota	ıl		8,270.65
SAXXXX.PENSALA	Finance And Treasury / Mata, Jennifer	11	260.48
	Human Resources / Montung-Fuller, Mari	10	649.44
		11	1,014.75
		12	608.85
	Human Resources / Ung, Elaine	11	35.46
	Human Resources / Weekly, Valerie	10	2,442.80
		11	2,324.60
		12	2,088.20
	Legal / Sanchez, Olga	11	65.84
SAXXXX.PENSALA Total	1		9,490.42
SAXXXX.PENSION	Board Support / Brooks, Cynthia	10	153.04
	Finance And Treasury / Adelman, Jamie	10	1,255.68
		11	1,765.80
		12	1,059.48
	Finance And Treasury / Gardner, Leona	10	423.45
		11	1,154.85
		12	365.72
	Finance And Treasury / Mata, Jennifer	10	1,209.93
		11	1,666.42

SAXXXX.PENSION	Finance And Treasury / Mata, Jennifer	12	1,557.67
	General Manager/CEO / Li, Bo	12	682.16
	Human Resources / Bonnel, Donna	10	2,065.98
		11	2,361.12
		12	2,164.36
	Human Resources / Humphrey, Isis	10	1,087.67
		11	2,269.92
		12	2,600.95
	Human Resources / Montung-Fuller, Mari	10	7,996.23
		11	7,306.20
		12	8,199.18
	Human Resources / Weekly, Valerie	10	2,600.40
		11	2,679.20
		12	3,309.60
	Legal / Sanchez, Olga	11	32.92
	VP, Finance/CFO / Bernegger, Brent	12	118.89
SAXXXX.PENSION Total			56,086.82
<b>Grand Total</b>			87,566.82



ATTACHMENT C

## HANSON BRIDGETT LLP & SACRAMENTO REGIONAL TRANSIT DISTRICT RETIREMENT BOARDS

#### **LEGAL SERVICES SUMMARY**

Set forth below is a broad summary report of significant legal matters addressed by Hanson Bridgett LLP for the Sacramento Regional Transit District Retirement Boards during the Quarter ended June 30, 2017.

- 1. Weekly client conference calls and internal conferences on pending matters, upcoming Board meetings and follow-up from prior Board meetings.
- 2. Preparation for and participation in Quarterly Board Meeting, including review and markup of agenda materials and related Board Chair conference calls.
- 3. Assist with negotiations of side letter with new fund manager.
- 4. Perform research for and assist with development of proposed Education & Travel policy;
- 5. Provide counsel on issues including, but not limited to:
  - a. Calculation of benefits under various scenarios:
  - b. Survivor benefit provisions;
  - c. Vesting rules and service credit;
  - d. Default benefit options:
  - e. Fiduciary duties and fiduciary liability insurance coverage;
  - f. PEPRA compliance;
  - g. Under- and Over-payments;
  - h. Responding to fund manager annual questionnaire; and
  - i. Reasonable expenses for reimbursement from pension system trust (Board member time, education costs, etc.).

Respectfully Submitted,

/s/ Shayna M. van Hoften