

## 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, March 10, 2021 via Webex

Join from the meeting link: <a href="https://sacrt-046d-16ae.my.webex.com/join/rmatthews">https://sacrt-046d-16ae.my.webex.com/join/rmatthews</a>

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<u>MEETING NOTE:</u> 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, Kennedy, Niz, McGee Lee

Alternates: Jennings, Land

IBEW Retirement Board: Directors: Li, Kennedy, Bibbs, McCleskey

Alternates: Jennings, Pickering

AEA Retirement Board: Directors: Li, Kennedy, Devorak, McGoldrick

Alternates: Jennings, Santhanakrishnan

AFSCME Retirement Board: Directors: Li, Kennedy, Guimond, Thompson

Alternates: Jennings, Salva

MCEG Retirement Board: Directors: Li, Kennedy, Ham, Norman

Alternates: Jennings, Flores

## 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 Request via e-mail to <a href="Retirement@SacRT.com">Retirement@SacRT.com</a>. 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

		<u>ATU</u>	<u>IBEW</u>	<u>AEA</u>	<u>AFSCME</u>	<u>MCEG</u>
1. Motion:	Approving the Minutes for the December 9, 2020 Quarterly Retirement Board Meeting (ATU). (Gobel)					
2. Motion:	Approving the Minutes for the December 9, 2020 Quarterly Retirement Board Meeting (IBEW). (Gobel)					

CONSENT CA	ALENDAR (CONTINUED)	<u>ATU</u>	<u>IBEW</u>	<u>AEA</u>	<u>AFSCME</u>	MCEG
3. Motion:	Approving the Minutes for the December 9, 2020 Quarterly Retirement Board Meeting (AEA). (Gobel)			$\boxtimes$		
4. Motion:	Approving the Minutes for the December 9, 2020 Quarterly Retirement Board Meeting (MCEG). (Gobel)					$\boxtimes$
5. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2020 for the ATU Pension Plan (ATU). (Adelman)	$\boxtimes$				
6. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2020 for the IBEW Pension Plan (IBEW). (Adelman)		$\boxtimes$			
7. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2020 for the Salaried Pension Plan (AEA, AFSCME, MCEG). (Adelman)					
8. Motion:	Receive and File the Fiscal Year 2020 State Controllers Report for the ATU Pension Plan (ATU). (Adelman)					
9. Motion:	Receive and File the Fiscal Year 2020 State Controllers Report for the IBEW Pension Plan (IBEW). (Adelman)					
10. Motion:	Receive and File the Fiscal Year 2020 State Controllers Report for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Adelman)				$\boxtimes$	
11. Motion:	Receive and File the Financial Statements with Independent Auditor's Report for the Twelve-Month Period Ended June 30, 2020 (ALL). (Adelman)					
12. Motion:	Approving the Minutes for the September 9, 2020 Quarterly Retirement Board Meeting (AFSCME). (Gobel)					
13. Motion:	Receive and File Administrative Reports for the Quarter Ended September 30, 2020 for the Salaried Pension Plan (AFSCME). (Adelman)					
14. Resolution:	Ratification and Acceptance of Revised Actuarially Determined Contributions for Fiscal Year 2021 (AFSCME). (Adelman)				$\boxtimes$	
15. Resolution:	Amend the Agreement with Cheiron, Inc. for Actuarial Services to Exercise a One-Year Option (AFSCME). (Gobel)				$\boxtimes$	
16. Motion:	Receive and File Investment Performance Report of the S&P 500 Index and MSCI EAFE Funds by State Street Global Advisors (SSgA) for the ATU, IBEW and Salaried Employee Retirement Funds for the Quarter Ended September 30, 2020 (AFSCME). (Adelman)					
17. Motion:	Receive and File Investment Performance Report by Atlanta Capital for the ATU, IBEW, and Salaried Retirement Funds for the Domestic Small Cap Equity Asset Class for the Quarter Ended September 30, 2020 (AFSCME). (Adelman)					
18. Motion:	Receive and File Investment Performance Results for the ATU, IBEW, and Salaried Employee Retirement Plans for the Quarter Ended September 30, 2020 (AFSCME). (Adelman)					
19. Resolution:	Appointment of John Gobel as Assistant Secretary (AFSCME). (Gobel)				$\boxtimes$	

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		<u>ATU</u>	<u>IBEW</u>	<b>AEA</b>	<u>AFSCME</u>	MCEG
20. Information:	Investment Performance Review by BMO Pyrford for the ATU, IBEW and Salaried Funds for the International Large Capital Equity Asset Class for the Quarter Ended December 31, 2020 (ALL). (Adelman)					
21. Motion:	Receive and File the Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended December 31, 2020 (ALL). (Adelman)					
22. Information:	Receive Information on Status of ATU Retirement Plan Experience and Valuation Studies and Actuarially Determined Contribution Rates (ATU). (Gobel)					
23. Information:	Receive Information on Status of IBEW Retirement Plan Experience and Valuation Studies and Actuarially Determined Contribution Rates (IBEW). (Gobel)					
24. Information:	Receive Information on Status of Salaried Retirement Plan Experience and Valuation Studies and Actuarially Determined Contribution Rates (AEA/AFSCME/MCEG). (Gobel)					
25. Information:	Discuss Roles and Responsibilities Related to Pension Administration (ALL). (Gobel).					
REPORTS, ID	EAS AND COMMUNICATIONS					
26. Information:	Manager, Pension & Retirement Services Quarterly Verbal Update (ALL). (Gobel)	ATU	<u>IBEW</u> ⊠	AEA	AFSCME	MCEG
<u>ADJOURN</u>						

**NEW BUSINESS** 

## 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 – 29th Street and posted to SacRT's website at www.sacrt.com.

Any individuals requesting special accommodation to attend and/or participate in this meeting, including person(s) requiring accessible formats of the agenda or assisted listening devices/sign language interpreters, should contact the Manager, Pension & Retirement Services at 916-556-0296 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 Pension & Retirement Analyst at 916-926-9927 and/or the Assistant Secretary to the Retirement Boards 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 Pension & Retirement Analyst of Sacramento Regional Transit District to make inquiry.



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 7

**TO:** Sacramento Regional Transit Retirement Boards – AEA/AFSCME/MCEG

**FROM:** Jamie Adelman, AVP Finance & Treasury

SUBJ: RECEIVE AND FILE ADMINISTRATIVE REPORTS FOR THE QUARTER

ENDED DECEMBER 31, 2020 FOR THE SALARIED PENSION PLAN

(AEA/AFSCME/MCEG). (ADELMAN)

## RECOMMENDATION

Motion to Approve.

## **RESULT OF RECOMMENDED ACTION**

Motion: Receive and File Administrative Reports for the Quarter Ended December 31, 2020 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Adelman)

## **FISCAL IMPACT**

None.

## **DISCUSSION**

Table 1 below shows the employer and employee contribution rates for all of the Sacramento Regional Transit District Retirement Plans, by Plan and tier, as of the date indicated.

Table 1

## Employer Contribution Rates As of December 31, 2020\*\*\*

	ATU	IBEW	Salary
	Contribution Rate	Contribution Rate	Contribution Rate
Classic	30.74%	29.22%	38.93%
Classic w/Contribution*	30.74%		
PEPRA**	21.35%	21.32%	28.89%

<sup>\*</sup>Includes members hired during calendar year 2015, employee rate 3%

## **Unaudited Financial Statements**

<sup>\*\*</sup>PEPRA employee rates: ATU - 7.25%, IBEW 6.0% and Salary 5.75%

<sup>\*\*\*</sup>The employer contribution rates were updated on October 1, 2020.

Attached hereto are unaudited financial statements for the quarter and the year-to-date ended December 31, 2020. 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 December 31, 2020 (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 AVP of Finance and Treasury. The AVP of Finance and Treasury 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:

- 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 Salaried Plan's Schedule of Cash Activities for the three months ended December 31, 2020. 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 December 31, 2020. The District reimbursed \$13,142.15 to the Salaried Plan 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 Salaried Plan's Asset Allocation as of December 31, 2020. This statement shows the Salaried 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 Northern Trust Company 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 Plan's unaudited Statement of Changes in Fiduciary 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 December 31, 2020 as compared to their benchmarks.

Attached hereto as Attachment 9 is a schedule reflecting employee transfers from one union/employee group to another, as well as any transfers of plan assets from the ATU Plan to the Salaried Plan, all retirements, and retiree deaths during the three months ended December 31, 2020.

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Fiduciary Net Position As of December 31, 2020

**Accrual Basis** 

ASSETS Current Assets Checking/Savings Long-Term Investments 100000 · Custodial Assets	117,700,074.34
Total Long-Term Investments	117,700,074.34
Total Checking/Savings	117,700,074.34
Other Current Assets 1110120 · Prepaids	4,755.00
Total Other Current Assets	4,755.00
Total Current Assets	117,704,829.34
TOTAL ASSETS	117,704,829.34
LIABILITIES & EQUITY Liabilities Current Liabilities Accounts Payable 3110102 · Administrative Expense Payable 3110110 · Other Pay - Due to RT 3110122 · MetWest 3110124 · Boston Partners 3110125 · Callan 3110128 · Atlanta Capital 3110129 · S&P Index - SSgA 3110130 · EAFE - SSgA 3110132 · Pyrford 3110133 · Northern Trust	12,340.20 280,175.99 23,321.61 24,520.82 3,646.57 21,218.99 1,001.32 523.52 17,855.01 8,141.19
Total Accounts Payable	392,745.22
Total Current Liabilities	392,745.22
Total Liabilities	392,745.22
Equity 3340101 · Retained Earnings Net Income	100,552,169.05 16,759,915.07
Total Equity	117,312,084.12
TOTAL LIABILITIES & EQUITY	117,704,829.34

## Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position October through December 2020

**Accrual Basis** 

Oct - Dec 20	% of Income
146,799.53	1.0%
156,881.81	1.0%
11,447.08	0.1%
315,128.42	2.1
435,799.59	2.9%
11,710,972.22	78.4%
12,146,771.81	81.3
2,381,616.83	15.9%
2,381,616.83	15.9
98,993.83	0.7
14,942,510.89	100.0
838,724.29	5.6
697,904.72	4.7
919,198.83	6.2
3,268.37	0.0
•	0.2
· · · · · · · · · · · · · · · · · · ·	0.2
	0.1
•	0.1
	0.0
· ·	0.0
	0.0
	0.1
•	
	0.1
2,590,400.00	17.3
12,352,110.89	82.7
0.450.00	
	0.1
	0.0
	0.0
	0.0
3,378.75	0.0
0.00	0.0
15,103.18	0.1
18,010.02	0.1
-409.91	-0.0
45,202.03	0.3
	146,799.53 156,881.81 11,447.08 315,128.42 435,799.59 11,710,972.22 12,146,771.81 2,381,616.83 98,993.83 14,942,510.89 838,724.29 697,904.72 919,198.83 3,268.37 23,321.61 24,520.82 14,569.62 21,218.99 1,001.32 523.52 12,010.52 17,855.01 16,282.38 2,590,400.00 12,352,110.89 8,453.33 0.00 666.66 0.00 3,378.75 0.00 15,103.18 18,010.02 -409.91

## Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position July through December 2020

**Accrual Basis** 

_	Jul - Dec 20	% of Income
Income Interest, Dividend, & Other Inc		
6830101 · Dividend	325,642.86	1.5%
6830102 Interest	333,517.29	1.5%
6830103 · Other Income	21,276.69	0.1%
Total Interest, Dividend, & Other Inc	680,436.84	3.1%
Investment Income		
6530900 · Gains/(Losses) - All	1,445,693.95	6.6%
6530915 · Increase(Decrease) in FV	14,950,599.19	68.0%
Total Investment Income	16,396,293.14	74.5%
RT Required Contribution 6630101 · Employer Contributions	4,721,267.28	21.5%
Total RT Required Contribution	4,721,267.28	21.5%
6630110 · Employee Contribution	201,544.46	0.9%
Total Income	21,999,541.72	100.0%
Cost of Goods Sold		
8531210 · AEA - Retirement Benefits Paid	1,668,942.38	7.6%
8531211 · AFSCME-Retirement Benefits Paid	1,374,760.86	6.2%
8531212 · MCEG - Retirement Benefits Paid	1,838,397.65	8.4%
8531213 · Employee Contribution Refunds	16,821.62	0.1%
8532004 · Invest Exp - MetropolitanWest	46,211.94	0.2%
8532013 · Invest Exp - Boston Partners	46,254.14	0.2%
8532020 · Invest Exp - Callan	25,453.71	0.1%
8532024 · Invest Exp - Atlanta Capital	38,915.59	0.2%
8532025 · Invest Exp - S&P Index SSgA	1,954.42	0.0%
8532026 · Invest Exp - EAFE SSgA	1,007.76	0.0%
8532027 · Invest Exp - AQR	23,376.04	0.1%
8532028 · Invest Exp - Pyrford 8532029 · Invest Exp - Northern Trust	35,047.56 24,383.99	0.2% 0.1%
Total COGS	5,141,527.66	23.4%
ross Profit	16,858,014.06	76.6%
Expense		
8533002 · Admin Exp - Actuary	16,024.15	0.1%
8533007 · Admin Exp - CALPRS Dues/Courses	0.00	0.0%
8533008 · Admin Exp - Accounting Software	666.66	0.0%
8533010 Admin Exp - Travel	0.00	0.0%
8533014 Admin Exp - Fiduciary Insurance	6,707.50	0.0%
8533020 · Admin Exp - Procurement Costs	0.00	0.0%
8533025 Admin Exp - Information Service	250.00	0.0%
8533026 · Admin Exp - Legal Services	36,475.57	0.2%
8533029 - Admin Exp - Administrator	38,385.02	0.2%
8533050 · Admin Exp - Misc Exp 8533051 · Admin Exp - Audit	-409.91 0.00	-0.0% 0.0%
Total Expense	98,098.99	0.4%
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Attachment 3 Page 1

# Sacramento Regional Transit District Retirement Fund - Salaried Schedule of Cash Activities For the Three Months Period Ended December 31, 2020

	October 2020	November 2020	December 2020	Quarter Totals
Beginning Balance: Due (from)/to District - September 30, 2020	114,589.56	144,180.23	257,228.69	114,589.56
Monthly Activity: Deposits				
District Pension Contributions @ 28.89.28 - 38.93%	819,911.72	755,124.34	806,580.77	2,381,616.83
Employee Pension Contributions	32,608.40	30,715.87	35,669.56	98,993.83
Total Deposits	852,520.12	785,840.21	842,250.33	2,480,610.66
Expenses				
Payout to Retirees:				
AEA	(276,314.40)	(283,220.56)	(279,189.33)	(838,724.29)
AFSCME	(227,798.25)	(237,520.56)	(232,585.91)	(697,904.72)
MCEG	(306,399.61)	(306,399.61)	(306,399.61)	(919,198.83)
Employee Contribution Refunds	(3,268.37)	-	-	(3,268.37)
Payout to Retirees Subtotal	(813,780.63)	(827,140.73)	(818,174.85)	(2,459,096.21)
Fund Investment Management Expenses:				
Atlanta Capital	(17,696.60)	-	-	(17,696.60)
Boston Partners	-	(21,733.32)	-	(21,733.32)
SSgA S&P 500 Index	=	(953.10)	-	(953.10)
SSgA EAFE MSCI	-	=	(484.24)	(484.24)
Metropolitan West	=	(22,890.33)	-	(22,890.33)
Pyrford	(15,369.20)	(17,192.55)	-	(32,561.75)
Northern Trust	(8,101.61)	=	(8,141.19)	(16,242.80)
Callan	(3,628.84)	(3,634.75)	(7,288.30)	(14,551.89)
Fund Invest. Mgmt Exp. Subtotal	(44,796.25)	(66,404.05)	(15,913.73)	(127,114.03)
Administrative Expenses				
Legal Services	-	-	(14,818.21)	(14,818.21)
Pension Administration	(5,474.63)	(5,343.89)	(7,191.50)	(18,010.02)
Actuarial Services	(4,917.13)	-	(8,842.59)	(13,759.72)
Accounting Software	-	-	(666.66)	(666.66)
Miscellaneous		-	409.91	409.91
Administrative Exp. Subtotal	(10,391.76)	(5,343.89)	(31,109.05)	(46,844.70)
Total Expenses	(868,968.64)	(898,888.67)	(865,197.63)	(2,633,054.94)
Monthly Net Owed from/(to) District	(16,448.52)	(113,048.46)	(22,947.30)	(152,444.28)
Payment from/(to) the District	13,142.15	-	<u>-</u>	13,142.15
Ending Balance:				
Due (from)/to the District (=Beginning balance + monthly balance-payment to District)	144,180.23	257,228.69	280,175.99	280,175.99
monany balance payment to bistnety	144,100.23	201,220.09	200,170.88	200,170.88

# RT Combined Pension Plans - ATU, IBEW and Salaried Asset Allocation \* As of December 31, 2020

Asset Class	Net Asset Market Value 12/31/2020	Actual Asset Allocation	Target Asset Allocation	% Variance	\$ Variance	Target Market Value
FUND MANAGERS:						
Domestic Equity:						
Large Cap Value - Boston Partners - Z8	\$ 59,658,319	17.19%	16.00%	1.19% \$	4,142,070	
Large Cap Growth - SSgA S&P 500 Index - XH	62,561,061	18.03%	16.00%	2.03%	7,044,811	
Total Large Cap Domestic Equity	122,219,380	35.22%	32.00%	3.22%	11,186,881	\$ 111,032,499
Small Cap - Atlanta Capital - XB	31,276,413	9.01%	8.00%	1.01%	3,518,288	27,758,125
International Equity: Large Cap Growth:						
Pyrford - ZD	32,578,626	9.39%	9.50%	-0.11%	(384,147)	
Large Cap Core: SSgA MSCI EAFE - XG	16,638,287	4.80%				
Total Core	16,638,287	4.80%	4.50%	0.30%	1,024,342	
Small Cap:						
AQR - ZB	19,210,188	5.54%	5.00%	0.54%	1,861,360	
Emerging Markets DFA - ZA	25,050,758	7.22%	6.00%	1.22%	4,232,165	
Total International Equity	93,477,859	26.94%	25.00%	1.94%	6,733,719	86,744,140
Fixed Income:						
Met West - XD	100,002,908	28.82%	35.00%	-6.18%	(21,438,888)	121,441,796
Total Combined Net Asset	\$ 346,976,559	100.00%	100.00%	0.00% \$	- :	\$ 346,976,559

Asset Allocation Policy Ranges*:	Minimum	Target	Maximum
Domestic Equity	35%	40%	45%
Large Cap (50/50 value/growth)	28%	32%	36%
Small Cap	5%	8%	11%
International Equity	20%	25%	30%
Large Cap Developed Markets	10%	14%	18%
Small Cap Developed Markets	3%	5%	7%
Emerging Markets	4%	6%	8%
Domestic Fixed Income	30%	35%	40%

<sup>\*</sup> Per the Statement of Investment Objectives and Policy Guidelines as of 6/20/2018.

Note: At the 6/10/20 Quarterly Retirement Board meeting a revision to the Investment Objectives and Policy Guidelines to add Real Estate to the portfolio was approved. However, this table has not been updated as the transition into Real Estate has not yet been completed

## Reconciliation between Callan Report and Consolidated Pension Fund Balance Sheet As of December 31, 2020

## Per Both Pension Fund Balance Sheets:

ATU Allocated Custodial Assets 159,167,993.63
IBEW Allocated Custodial Assets 70,108,490.90
Salaried Allocated Custodial Assets 117,700,074.34

Total Consolidated Net Asset 346,976,559

Per Callan Report:

Total Investments 346,974,402

Net Difference 2,157 \*

## Reconciliation between Callan Report and Consolidated Pension Fund Income Statement For the Quarter Ended December 31, 2020

### Per Both Pension Fund Income Statements:

419,333
15,592,874
183,579
6,918,667
303,118
12,146,772
35,564,343

## Per Callan Report:

Investment Returns 35,562,219

Net Difference 2,124 \*

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

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

## Reconciliation between Callan Report and Consolidated Schedule of Cash Activities For the Quarter Ended December 31, 2020

	October	November	December	Total
Payments from/(to) the District				
S&P 500 Index - ATU	(296,479)	-	-	(296,479)
S&P 500 Index - IBEW	(56,257)	-	-	(56,257)
S&P 500 Index - Salaried	13,142	-	-	13,142
Total Payments from/(to) the District	(339,594)			(339,594)
Transfers In/(Out) of Investment Funds				
S&P 500 Index	(339,594)	-	-	(339,594)
Total Transfers In/(Out) of Investment Funds	(339,594)	-	-	(339,594)
Variance between Payments and Transfers	<u> </u>	-		-
Per Callan Report:				
Net New Investment/(Withdrawals)				(339,594)
Net Difference				(0)

		Schedule of Cash A Months December 3			
	1Q20	2Q20	3Q20	4Q20	Total
Payments from/(to) the District					
Boston Partners - ATU	=	2,634,882	=	-	2,634,882
Boston Partners - IBEW	=	1,191,891	=	=	1,191,891
Boston Partners - Salaried	=	2,023,227	-	=	2,023,227
S&P 500 Index - ATU	(454,463)	=	(846,366)	(296,479)	(1,597,309)
S&P 500 Index - IBEW	(105,612)	=	(296,834)	(56,257)	(458,703)
S&P 500 Index - Salaried	(6,994)	=	(201,580)	13,142	(195,432)
Atlanta Capital - ATU	=	257,882	-	-	257,882
Atlanta Capital - IBEW	=	117,495	-	-	117,495
Atlanta Capital - Salaried	=	224,623	-	-	224,623
Pyrford - ATU	=	602,947	-	-	602,947
Pyrford - IBEW	=	248,856	-	=	248,856
Pyrford - Salaried	=	348,197	-	=	348,197
EAFE - ATU	=	1,279,430	-	-	1,279,430
EAFE - IBEW	=	527,759	-	-	527,759
EAFE - Salaried	=	792,811	-	-	792,811
AQR - ATU	=	1,420,595	-	-	1,420,595
AQR - IBEW	=	612,722	-	-	612,722
AQR - Salaried	=	1,016,683	-	-	1,016,683
DFA - ATU	=	1,553,552	-	-	1,553,552
DFA - IBEW	=	648,880	-	-	648,880
DFA - Salaried	=	1,397,568	-	=	1,397,568
Metropolitan West - ATU	=	(8,706,691)	-	-	(8,706,691)
Metropolitan West - IBEW	=	(3,618,885)	-	-	(3,618,885)
Metropolitan West - Salaried	<u> </u>	(5,791,602)		<u> </u>	(5,791,602)
Total Payments from/(to) the District	(567,069)	(1,217,178)	(1,344,780)	(339,594)	(3,468,621)

## Sacramento Regional Transit District ATU, IBEW and Salaried Retirement Plans Schedule of Fund Investment Returns and Expenses 12/31/20

Process					1 Year					3 Years	
Type				Net of		Favorable/			Net of		Favorable/
Boston Partners   Investment Expense   1,46,559   0.15%   0.				Fees	Mark	(Unfavor)			Fees	Mark	(Unfavor)
Investment Returns   C2,948,522   100,00%   C251,705   6,54%   C251,705   C25		1 Year	%	Returns	Returns	Basis Pts	3 Years	%	Returns	Returns	Basis Pts
Investment Expense   (251.705)   8.54%   2.58%   2.80%   (22.00)   (748.228)   8.3.5%   4.88%   6.07%   (119.00)	Boston Partners										
Net   Gain/(Loss)   2.696,817   91.46%   2.69%   2.80%   (22.00)   8.211,568   91.65%   4.88%   6.07%   (119.00)	Investment Returns	2,948,522	100.00%				8,959,796	100.00%			
SAP 500	Investment Expense	(251,705)	8.54%				(748,228)	8.35%	1		
New State   Returns   1,738,016   100,00%   14,12%   14,18%   14,12%   14,12%   14,12%   14,12%   14,12%   14,12%   14	Net Gain/(Loss)	2,696,817	91.46%	2.58%	2.80%	(22.00)	8,211,568	91.65%	4.88%	6.07%	(119.00)
New State   Returns   1,738,016   100,00%   14,12%   14,18%   14,12%   14,12%   14,12%   14,12%   14,12%   14,12%   14									1		
Investment Expense Net Gain/(Loss)	S&P 500								1		
Atlanta Capital Investment Returns Investment Expense Net Gain/(Loss)   1,825,98   100,00% (19,10)   1,10% (19,10)   1,1	Investment Returns	9,738,016	100.00%				21,085,094	100.00%	1		
Allania Capital Investment Returns Investment Expense Net Gain/(Loss)  EAFE Investment Expense Net Gain/(Loss)  Brandes Investment Returns Investment Expense Net Gain/(Loss)  Brandes Investment Returns Investment Expense Net Gain/(Loss)  Brandes Investment Returns Investment Returns Investment Expense Net Gain/(Loss)  Brandes Investment Ex	Investment Expense	(14,556)	0.15%				(63,186)	0.30%			
Investment Expense   Net Gain/(Loss)	Net Gain/(Loss)	9,723,460	99.85%	18.30%	18.40%	(10.00)	21,021,908	99.70%	14.12%	14.18%	(6.00)
Investment Expense   Net Gain/(Loss)											
Investment Expense Net Gain/(Loss)   3,163,226   93,85%   10,77%   19,96%   (919,00)   (609,001)   6,11%   9,359,732   93,85%   12,25%   10,25%   200,00	Atlanta Capital										
Pyrford	Investment Returns	3,370,539	100.00%				9,968,733	100.00%	1		
Pyrford   Investment Returns   1,453,739   100,00%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,55%   (197,016)   13,65	Investment Expense		6.15%				(609,001)	6.11%			
Investment Returns   1,453,739   100.00%   (13,155%   13,155%	Net Gain/(Loss)	3,163,226	93.85%	10.77%	19.96%	(919.00)	9,359,732	93.89%	12.25%	10.25%	200.00
Investment Returns   1,453,739   100.00%   (13,155%   13,155%											
Investment Expense Net Gain/(Loss)	,										
Net Gain/(Loss)		, , , , , , , , , , ,					.,,				
EAFE Investment Returns Investment Expense Net Gain/(Loss)									1		
Investment Returns   1,825,398   100.00%   (6.899)   0.38%   (6.899)   0.38%   (2.9369)   1.17%   (2.9369)   1.17%   (2.9483.508   98.83%   (2.998)   100.00%   (2.9	Net Gain/(Loss)	1,256,723	86.45%	3.37%	7.82%	(445.00)	3,530,494	86.15%	3.82%	4.28%	N/A
Investment Returns   1,825,398   100.00%   (6.899)   0.38%   (6.899)   0.38%   (2.9369)   1.17%   (2.9369)   1.17%   (2.9483.508   98.83%   (2.998)   100.00%   (2.9											
Investment Expense Net Gain/(Loss)									1		
Net Gain/(Loss)									1		
Brandes	•										
Investment Returns   -	Net Gain/(Loss)	1,818,499	99.62%	8.16%	7.82%	34.00	2,483,508	98.83%	4.58%	4.28%	30.00
Investment Returns   -	Danadas										
Investment Expense   -			0.000/				(2,000)	100 000/	1		
Net Gain/(Loss)		-					(2,990)		1		
AQR   Investment Returns   1,762,678   100.00%   (124,943)   7.09%   (124,943)   7.09%   (1637,735   92.91%   6.44%   12.34%   (590.00)   (374,616)   33.76%   (374,616)   (374,6	•	<del> </del>		N/A	NI/A	N/A	(2 998)		N/A	NI/A	N/A
Investment Returns   1,762,678   100.00%   (124,943)   7.09%   (124,943)   7.09%   (1637,735   92.91%   1637,735   92.91%   1637,735   92.91%   16.44%   12.34%   (590.00)   1,109,806   100.00%   (374,616)   33.76%   33.76%   100.00%   (374,616)   33.76%   100.00%   (373,190   66.24%   100.00%   100.00%   (343,587)   100.00%	rvet Gann(E033)		0.0070	13//3	13//3	13//-3	(2,550)	100.0070	1 11//	11//3	13//3
Investment Returns   1,762,678   100.00%   (124,943)   7.09%   (124,943)   7.09%   (1637,735   92.91%	AOR										
Investment Expense   (124,943)   7.09%   1,637,735   92.91%   6.44%   12.34%   (590.00)   (374,616)   33.76%   735,190   66.24%   0.63%   4.85%   (422.00)		1 762 678	100.00%				1 109 806	100.00%	1		
Net Gain/(Loss)									1		
DFA   Investment Returns   4,017,261   100.00%   (343,587)   9.23%   (344,587)   9.23%   (343,587)   9.23%   (344,204)   4.18%   (234,00)   (344,204)   4.18%   (344				6.44%	12.34%	(590.00)			0.63%	4.85%	(422.00)
Investment Returns   4,017,261   100.00%   (123,152)   3.07%   (123,152)	(,	.,,				(/	,				( /
Investment Expense   (123,152)   3.07%   3.894,109   96.93%   13.85%   18.31%   (446.00)   (343,587)   9.23%   3.379,987   90.77%   3.84%   6.18%   (234.00)	DFA										
Investment Expense   (123,152)   3.07%   3.894,109   96.93%   13.85%   18.31%   (446.00)   (343,587)   9.23%   3.379,987   90.77%   3.84%   6.18%   (234.00)	Investment Returns	4,017,261	100.00%			I	3,723,574	100.00%			
Metropolitan West Investment Returns 9,902,144 100.00% (277,773) 2.81% Net Gain/(Loss) 9,624,371 97.19% 9.70% 7.51% 219.00 219.00 20,204,763 100.00% (844,204) 4.18% 19,360,559 95.82% 6.40% 5.34% 106.00 100.00% 100.											
Investment Returns   9,902,144   100.00%   (277,773)   2.81%   Net Gain/(Loss)   9,624,371   97.19%   9.70%   7.51%   219.00     20,204,763   100.00%   (844,204)   4.18%   19,360,559   95.82%   6.40%   5.34%   106.00   100.00%   100.0	•	3,894,109	96.93%	13.85%	18.31%	(446.00)		90.77%	3.84%	6.18%	(234.00)
Investment Returns   9,902,144   100.00%   (277,773)   2.81%   Net Gain/(Loss)   9,624,371   97.19%   9.70%   7.51%   219.00   20,204,763   100.00%   (844,204)   4.18%   19,360,559   95.82%   6.40%   5.34%   106.00											
Investment Expense   (277,773)   (2.81%   9,624,371   97.19%   9.70%   7.51%   219.00   (844,204)   4.18%   19,360,559   95.82%   6.40%   5.34%   106.00	Metropolitan West										
Net Gain/(Loss) 9,624,371 97.19% 9.70% 7.51% 219.00 19,360,559 95.82% 6.40% 5.34% 106.00  Total Fund Investment Returns 35,018,297 100.00% Investment Expense (1,203,358) 3.44% 7.51% 219.00 19,360,559 95.82% 6.40% 5.34% 106.00 71,659,624 100.00% (3,579,676) 5.00%	Investment Returns	9,902,144	100.00%				20,204,763	100.00%			
Total Fund Investment Returns 35,018,297 100.00% Investment Expense (1,203,358) 3.44%    Total Fund	Investment Expense	(277,773)	2.81%				(844,204)	4.18%	1		
Investment Returns   35,018,297   100.00%   71,659,624   100.00%   (3,579,676)   5.00%	Net Gain/(Loss)	9,624,371	97.19%	9.70%	7.51%	219.00	19,360,559	95.82%	6.40%	5.34%	106.00
Investment Returns   35,018,297   100.00%   71,659,624   100.00%   (3,579,676)   5.00%											
Investment Expense (1,203,358) 3.44% (3,579,676) 5.00%						I					
			I								l
Net Gain/(Loss)   33 814 939   96 56%   1 11 06%   13 82% (276 00)   1 68 079 948   95 00%   1 7 68%   8 93% (125 00)	•					/					
11.0076 10.0076	Net Gain/(Loss)	33,814,939	96.56%	11.06%	13.82%	(276.00)	68,079,948	95.00%	7.68%	8.93%	(125.00)

# Sacramento Regional Transit District, Retirements and Deaths For the Time Period: October 1, 2020 to December 31, 2020

## Retirement

Emp#	Previous Position	Pension Group	Retirement Date
1362	Senior Architect	AEA	10/01/20
1488	Police Services	AFSC	11/01/20
734	Light Rail Op	ATU	11/14/20
2760	Transit Ambassador	ATU	12/01/20
3487	Bus Maintenance	IBEW	10/23/20
760	Light Rail Operator	MCEG	11/01/20
597	Bus Operator	ATU	11/11/20
2709	Light Rail Operator	ATU	12/11/20
1522	Light Rail Wayside	AFST	10/01/20
3720	EEO	MCEG	11/01/20
560	AVP Bus Trans	MCEG	10/01/20
2266	Light Rail Maintenance Wayside	ATU	12/01/20

## **Deaths**

Emp#	Pension Group	Type	<b>Date of Death</b>
573	ATU	Life Alone	10/15/20
485	ATU	Survivor Beneficiary	10/28/20
152	ATU	100% J&S	12/02/20
42	ATU	Life Alone	12/02/20
650	ATU	Life Alone	12/18/20
1030	AEA	Life Alone	12/26/20
331	ATU	Life Alone	12/28/20



## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 10

TO: Sacramento Regional Transit Retirement Boards – AEA/AFSCME/MCEG

**FROM:** Jamie Adelman, AVP Finance & Treasury

SUBJ: RECEIVE AND FILE THE FISCAL YEAR 2020 STATE CONTROLLER'S

REPORT FOR THE SALARIED PENSION PLAN (AEA/AFSCME/MCEG).

(ADELMAN)

## **RECOMMENDATION**

Motion to Approve.

## RESULT OF RECOMMENDED ACTION

Motion: Receive and File the Fiscal Year 2020 State Controller's Report for the Retirement Plan for Sacramento Regional Transit District Employees who are Members of the Salaried Pension Plan (AEA/AFSCME/MCEG). (Adelman)

## **FISCAL IMPACT**

None.

## DISCUSSION

The financial data for the annual State Controller's Public Retirement Systems Financial Transactions Report is prepared in accordance with California Government Code Section 7504. This statute requires all state and local retirement systems to annually submit audited financial statements of their Pension Plans to the State Controller's Office by the close of each calendar year. The State Controller's Public Retirement Systems Financial Transactions Report (Attachment #1) for the fiscal year ended June 30, 2020 was filed on December 22, 2020.

## PUBLIC RETIREMENT SYSTEMS FINANCIAL TRANSACTIONS REPORT COVER PAGE

## Sacramento Regional Transit District Salaried Employees' Retirement Plan

	Reporting Year: 2020	ID Number: 16383440	511
	1 1 2		
	For the Fiscal Year Ended: 06/30/2000	(MM/DD/YYYY)	
	Certification:		
	I hereby certify that, to the best of my knowledge and be agency in accordance with the requirements as prescrib		
/	Fiscal Officer  Signature	AVP, FINANCE	b Treasury
-	Name (Please Print)	(916)32/3823 Telephone Number	Date Date
	Per Government Code section 7504, this report is due w	within six months after the end of	f the fiscal year. Public Employee

Per Government Code section 7504, this report is due within six months after the end of the fiscal year. Public Employee Retirement Systems are also required to furnish an audited financial statement on an annual basis and, for defined benefit systems, an actuarial valuation report at least every three years. To meet the filing requirements, all portions must be received by the State Controller's Office.

Please complete, sign, and mail this cover page to either address below:

Mailing Address: State Controller's Office Local Government Programs and Services Division Local Government Reporting Section P.O. Box 942850 Sacramento, CA 94250 Express Mailing Address: State Controller's Office Local Government Programs and Services Division Local Government Reporting Section 3301 C Street, Suite 700 Sacramento, CA 95816

The Financial Transactions Report was successfully submitted to the State Controller's Office on 12/22/2020 8:17:39 AM

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report General Information

#### Fiscal Year: 2020 Mailing Address Street 1 1400 29th Street Type of ~ Defined Benefit Plan Street 2 Retirement Administrator John Gobel City Telephone (916) 556-0296 Sacramento State Email ☑ Has Address Changed? Zip CA 95816 jgobel@sacrt.com Report Prepared By First Name Firm Name Lynda Sacramento Regional Transit District Middle Initial Telephone (916) 556-0178 Last Name Fax No. Volk (916) 321-2820 Title Email Accountant II lvolk@sacrt.com Independent Auditor Firm Name Crowe LLP Street 1 400 Capitol Mall First Name Scott Street 2 Suite 1400 Middle Initial City Sacramento State CA Zip 95814 Last Name Telephone (317) 706-2693 Nickerson Email scott.nickerson@crowe.com Additional Information Actuary/Actuary Firm Street 1 3685 Mt. Diablo Blvd Cheiron, Inc. Street 2 Suite 250 P.O. Box Contact Name Graham Schmidt City Lafayette State CA Zip 94549 Telephone Date of Valuation Report 07012019 (703) 893-1456 Email gschmidt@cheiron.us

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Comments for the Retirement Report

Fiscal Year: 20	20			
Comments	None.			^
				$\vee$

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Fiduciary Net Position

Assets	
R01. Cash and Cash Equivalents	4,959,859
Receivables	
R02. Contributions	0
R03. Investments	4,154,845
R04. Other Receivables	12,912
R05. Total Receivables	4,167,757
Investments, at Fair Value	
R06. Short-Term Investments	0
R07. U.S. Government Obligations	15,133,161
R08. Municipal Bonds	231,415
R09. Domestic Corporate Bonds	9,704,133
R10. International Bonds	0
R11. Domestic Stocks	44,697,628
R12. International Stocks	24,871,517
R13. Real Estate	1,357,850
R14. Private Equity	0
R15. Hedge Funds	0
R16. Other Investments	2,664,005
R16. Other Investments R17. Total Investments	
	2,664,005
R17. Total Investments	2,664,005 98,659,709
R17. Total Investments R18. Securities Lending Collateral	2,664,005 98,659,709 0
R17. Total Investments  R18. Securities Lending Collateral  R19. Capital Assets, Net of Accumulated Depreciation	2,664,005 98,659,709 0
R17. Total Investments  R18. Securities Lending Collateral  R19. Capital Assets, Net of Accumulated Depreciation  R20. Other Assets	2,664,005 98,659,709 0
R17. Total Investments R18. Securities Lending Collateral R19. Capital Assets, Net of Accumulated Depreciation R20. Other Assets R21. Total Assets	2,664,005 98,659,709 0
R17. Total Investments  R18. Securities Lending Collateral  R19. Capital Assets, Net of Accumulated Depreciation  R20. Other Assets  R21. Total Assets  R22. Deferred Outflows of Resources	2,664,005 98,659,709 0
R17. Total Investments R18. Securities Lending Collateral R19. Capital Assets, Net of Accumulated Depreciation R20. Other Assets R21. Total Assets R22. Deferred Outflows of Resources Liabilities	2,664,005 98,659,709 0 0 \$107,787,325
R17. Total Investments  R18. Securities Lending Collateral  R19. Capital Assets, Net of Accumulated Depreciation  R20. Other Assets  R21. Total Assets  R22. Deferred Outflows of Resources  Liabilities  R23. Benefits Payable	2,664,005 98,659,709 0 0 \$107,787,325
R17. Total Investments R18. Securities Lending Collateral R19. Capital Assets, Net of Accumulated Depreciation R20. Other Assets R21. Total Assets R22. Deferred Outflows of Resources Liabilities R23. Benefits Payable R24. Accounts Payable	2,664,005 98,659,709 0 0 \$107,787,325 0 294,500
R17. Total Investments R18. Securities Lending Collateral R19. Capital Assets, Net of Accumulated Depreciation R20. Other Assets R21. Total Assets R22. Deferred Outflows of Resources Liabilities R23. Benefits Payable R24. Accounts Payable R25. Investment Purchases Payable	2,664,005 98,659,709 0 0 \$107,787,325 0 294,500
R17. Total Investments R18. Securities Lending Collateral R19. Capital Assets, Net of Accumulated Depreciation R20. Other Assets R21. Total Assets R22. Deferred Outflows of Resources Liabilities R23. Benefits Payable R24. Accounts Payable R25. Investment Purchases Payable R26. Securities Lending Obligation	2,664,005 98,659,709 0 0 \$107,787,325 0 294,500
R17. Total Investments  R18. Securities Lending Collateral  R19. Capital Assets, Net of Accumulated Depreciation  R20. Other Assets  R21. Total Assets  R22. Deferred Outflows of Resources     Liabilities  R23. Benefits Payable  R24. Accounts Payable  R25. Investment Purchases Payable  R26. Securities Lending Obligation  R27. Other Liabilities	2,664,005 98,659,709 0 0 \$107,787,325 0 294,500 6,940,654

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Changes in Fiduciary Net Position -- Additions

	<b>Contributions</b> Employer	
R01.	General	9,159,513
R02.	Safety	0
R03.	Combined	0
R04.	Total Employer	9,159,513
	Member	
R05.	General	360,051
R06.	Safety	0
R07.	Combined	0
R08.	Total Member	360,051
	Other Contributions	
R09.	General	0
R10.	Safety	0
R11.	Combined	0
R12.	Total Other Contributions	
R13.	Total Contributions	\$9,519,564
	Investment Income (Loss)	
R14.	Net Appreciation (Depreciation) in Fair Value of Investments	292,359
R15.	Interest	977,658
R16.	Dividends	675,529
R17.	Other Investment Income	37,406
R18.	(Investment Expense)	-456,801
	Securities Lending Income (Loss)	
R19.	Securities Lending Income	0
R20.	(Securities Lending Expense)	0
R21.	Net Securities Lending Income (Loss)	0
R22.	Net Investment Income (Loss)	\$1,526,151
R23.	Other Income	
R24.	Total Additions	\$11,045,715

Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Changes in Fiduciary Net Position -- Deductions and Net Position

#### **Benefit Payments** Service Retirement R01. General 9,225,551 R02. Safety R03. Combined 0 R04. **Total Service Retirement** 9,225,551 Disability Retirement R05. General 93,017 R06. Safety 0 R07. Combined 0 R08. **Total Disability Retirement** 93,017 Other Benefit Payments R09. General 0 R10. Safety 0 R11. Combined 0 R12. **Total Other Benefit Payments** R13. **Total Benefit Payments** 9,318,568 Member Refunds R14. General 134,758 R15. Safety 0 R16. Combined 0 R17. **Total Member Refunds** 134,758 R18. Administrative Expenses 226,310 R19. Other Expenses R20. Total Deductions \$9,679,636 R21. Net Increase (Decrease) in Net Position 1,366,079 R22. Net Position Restricted for Pension Benefits, Beginning of Year 99,186,092 R23. Adjustment 1 R24. Adjustment 2 R25. Net Position Restricted for Pension Benefits, End of Year \$100,552,171

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Schedule of Changes in Net Pension Liability and Related Ratios

Total Pension Liability	
R01. Service Cost	4,024,291
R02. Interest	10,794,658
R03. Changes of Benefit Terms	0
R04. Differences Between Expected and Actual Experience	2,669,480
R05. Changes of Assumptions	0
R06. Benefit Payments, Including Refunds of Member Contributions	-9,453,326
R07. Net Change in Total Pension Liability	8,035,103
R08. Total Pension Liability – Beginning	151,558,856
R09. Adjustments	
R10. Total Pension Liability – Ending (a)	159,593,959
Plan Fiduciary Net Position	
R11. Contributions – Employer	9,159,513
R12. Contributions – Member	360,051
R13. Contributions – Other	0
R14. Net Investment Income	1,526,151
R15. Other Income	0
R16. Benefit Payments, Including Refunds of Member Contributions	-9,453,326
R17. Administrative Expenses	-226,310
R18. Other Expenses	0
R19. Net Change in Plan Fiduciary Net Position	1,366,079
R20. Plan Fiduciary Net Position – Beginning	99,186,092
R21. Adjustments	0
R22. Plan Fiduciary Net Position – Ending (b)	100,552,171
R23. Net Pension Liability – Ending (a) - (b)	59,041,788
R24. Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (9	63%
R25. Covered-Employee Payroll	26,295,215
R26. Net Pension Liability as a Percentage of Covered-Employee Payroll (%)	224.53%

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Schedule of Employer Contributions

Fisca	l Year: 2020		
R01.	Actuarially Determined Contribu	utions	9,085,497
R02.	Contributions in Relation to the	Actuarially Determined Contributions	9,159,513
R03.	Contribution Deficiency (Excess	s)	-74,016
R04.	Covered-Employee Payroll		26,295,215
R05.	Contributions as a Percentage	of Covered-Employee Payroll (%)	34.83%
	Notes to Schedule		
R06.	Valuation Date		
	7/1/2018		^
			~
	Methods and assumptions used	to determine contribution rates	
R07.	Actuarial Cost Method	Entry Age	
R08.	Amortization Method	Level Percentage of Projected Payroll	
R09.	Remaining Amortization Period	14	
R10.	Asset Valuation Method	The actuarial value of Plan assets is calculated on a modified market-rela to recognize, over a five-year period, investment earnings which are great return on the Market Value of Assets.	
R11.	Inflation (%)	3	
R12.	Salary Increases	3.00 plus merit component	
R13.	Investment Rate of Return (%)	7.25	
R14.	Other Information		

#### Note:

(R08) Amortization Method: Level Percentage of Projected Payroll

(R09) Remaining Amortization Period: 14 (R12) Salary Increases: 3.00 plus merit component

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Plan Membership

			Ac	tive	Inactive		Retire	ement		
Member Type	Tier	System Status	Vested	Nonvested	Vested	Service Retired	Service Disability	Ordinary Disability	Survivors	Total Members
General	Non- PEPRA	Closed 🗸	166	2	46	294	5		24	537
General	PEPRA	Open 🗸	1	74						75
Select ~		Select 🗸								
Grand Total Men	nbers		167	76	46	294	5		24	612

Employers							
				Special	School	Other	
	State	Counties	Cities	Districts	Districts	Agencies	Total
Number of Agencies				1			1
Number of Members				612			612

General Non-PEPRA 2	ual Payroll (\$)
	20,687,433
General PEPRA	4,966,999
Grand Total Payroll \$25	\$25,654,432

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Contributions

Employer and Mem	Employer and Member Rates - Recommended by Actuary													
			Employer Rates											
		No	Normal Cost UAAL Amortization Cost Total Cost				Member Rates							
		Basic	COLA	Total	Basic	COLA	Total	Basic	COLA	Total				Sin
Member Type Ti	ier	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Age 25	Age 35	Age 45	Ra
General No	on-PEPRA	16.36		16.36	21.10		21.10	37.46	0.00	37.46				
General Pl	EPRA	5.60		5.60	21.10		21.10	26.70	0.00	26.70				

Employer and M	lember Rates - A	Adopted by	/ Governing	g Body										
			Employer Rates											
		No	ormal Cos	st	UAAL A	mortizatio	on Cost	7	Total Cost			Membe	er Rates	
		Basic	COLA	Total	Basic	COLA	Total	Basic	COLA	Total				Sin
Member Type	Tier	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Age 25	Age 35	Age 45	Ra
General	Non-PEPRA	16.36		16.36	19.05		19.05	35.41	0.00	35.41				
General	PEPRA	5.60		5.60	24.06		24.06	29.66	0.00	29.66				

Estimated Annual Employer Contributions									
Member T	ype Tier	<b>Normal Cost</b>	<b>UAAL Amortization</b>	<b>Contributions Total</b>					
General	Non-PEPRA	3,335,086	4,008,214	7,343,300					
General	PEPRA	182,499	825,735	1,008,234					
Grand Tot	tal Employer Contributions	\$3,517,585	\$4,833,949	\$8,351,534					

# Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Plan Identification

		Economic Assumption Rates										
R01.	Select Plan	Single-Employer Plan				]						
	Return on Investments											
R02.	Real Rate of Return			4.25								
R03.	Inflation Component		3									
R04.	Total Return on Investments		7.	25%								
												_
	Salary Scale						f Service					Sir
		5	10	15	20	25	30	35	40	45	50	R
R05.	Merit, Longevity, and Productivity	2	2	2								
R06.	Inflation Component	3	3	3	3							
R07.	Total Salary Scale	5	5	5	3							

## Sensitivity of the Net Pension Liability to Changes in the Discount Rate

	1% Decrease	Current Discount Rat	9	1% Increase		
R08. Discount Rate	6.25	7.2	5	8.25		
R09. Net Pension Liability	77,343,451	59,041,78	8	43,519,503		

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Plan Identification: Rate of Return

Fiscal	Year:	2020
Fiscai	Year:	2020

	1 Year	3 Years	5	Years	
R01. Money-Weighted Rate of Return (%)	2.3	5.4			5.64
R02. Time-Weighted Rate of Return (%)					
Schedule of Investment Returns					
R03. Fiscal Year		2020	2019	2018	2017
R04. Annual Money-Weight Rate of Return	rn, Net of Investment Expense %	1.98	6.23	6.93	12.09

Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Plan Identification: Demographic Assumption Rates - Age

Fiscal Year: 2020

### **Demographic Assumption Rates - Age**

	Service Retirement	Disability Reti	rement Rate		of Active ers Rate	Withdrawal (Termination)
General - Male	Rate	Ordinary	Service	Ordinary	Service	Rate
R01. Age 25		0.0200				8.0000
R02. Age 30		0.0300				8.0000
R03. Age 35		0.0300				3.0000
R04. Age 40		0.0400				3.0000
R05. Age 45		0.0700				2.5000
R06. Age 50	5.0000	0.1100				0.0000
R07. Age 55	5.0000	0.2000				0.0000
R08. Age 60	15.0000	0.3900				0.0000
R09. Age 65	25.0000	0.8400				0.0000
R10. Age 70	100.0000	0.0000				0.0000

	Service			Mortality	of Active	Withdrawal
	Retirement	Disability Reti	rement Rate	Membe	ers Rate	(Termination)
General -	Rate	Ordinary	Service	Ordinary	Service	Rate
Female						
R11. Age 25		0.0200				8.0000
R12. Age 30		0.0300				8.0000
R13. Age 35		0.0300				3.0000
R14. Age 40		0.0400				3.0000
R15. Age 45		0.0700				2.5000
R16. Age 50	5.0000	0.1100				
R17. Age 55	5.0000	0.2000				
R18. Age 60	15.0000	0.3900				
R19. Age 65	25.0000	0.8400				
R20. Age 70	100.0000	0.0000				

		Service Retirement		tirement Rate		of Active ers Rate	Withdrawal (Termination)
	Safety - Male	Rate	Ordinary	Service	Ordinary	Service	Rate
R21.	Age 25						
R22.	Age 30						
R23.	Age 35						
R24.	Age 40						
R25.	Age 45						
R26.	Age 50						
R27.	Age 55						
R28.	Age 60						
R29.	Age 65						
R30.	Age 70						
		Service				of Active	Withdrawal
		Service Retirement	_	tirement Rate		of Active	(Termination)
	Safety - Female		Disability Re Ordinary	tirement Rate Service			
R31.	•	Retirement	_		Membe	rs Rate	(Termination)
	Female	Retirement	_		Membe	rs Rate	(Termination)
R32.	Female Age 25	Retirement	_		Membe	rs Rate	(Termination)
R32. R33.	Female Age 25 Age 30	Retirement	_		Membe	rs Rate	(Termination)
R32. R33. R34.	Female Age 25 Age 30 Age 35	Retirement	_		Membe	rs Rate	(Termination)
R32. R33. R34. R35.	Female Age 25 Age 30 Age 35 Age 40	Retirement	_		Membe	rs Rate	(Termination)
R32. R33. R34. R35.	Female Age 25 Age 30 Age 35 Age 40 Age 45	Retirement	_		Membe	rs Rate	(Termination)

R39. Age 65

Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Plan Identification: Demographic Assumption Rates - Years of Service

Fiscal Year: 2020

### **Demographic Assumption Rates - Years of Service**

	Service	Withdrawal
General - Male	Retirement	(Termination)
Years of Service	Rate	Rate
R01. Year 5	0.0000	0.0000
R02. Year 10		
R03. Year 15		
R04. Year 20		
R05. Year 25		
R06. Year 30		
R07. Year 35		
R08. Year 40		
R09. Year 45		
R10. Year 50		

	General - Female Years of Service	Service Retirement Rate	Withdrawal (Termination) Rate
R11.	Year 5		
R12.	Year 10		
R13.	Year 15		
R14.	Year 20		
R15.	Year 25		
R16.	Year 30		
R17.	Year 35		
R18.	Year 40		
R19.	Year 45		
R20.	Year 50		

	Service	Withdrawal
Safety - Male	Retirement	(Termination)
Years of Service	Rate	Rate
R21. Year 5		
R22. Year 10		
R23. Year 15		
R24. Year 20		
R25. Year 25		
R26. Year 30		
R27. Year 35		
R28. Year 40		
R29. Year 45		
R30. Year 50		

	Safety - Female	Service Retirement	Withdrawal (Termination)
	Years of Service	Rate	Rate
R31.	Year 5		
R32.	Year 10		
R33.	Year 15		
R34.	Year 20		
R35.	Year 25		
R36.	Year 30		
R37.	Year 35		
R38.	Year 40		
R39.	Year 45		
R40.	Year 50		

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Funding Position and UAAL Amortization Method

## Fiscal Year: 2020

**Funding Position** 

	5		
R01.	Valuation Date (MM/DD/YYYY)	07/01/2019	
R02.	Name of Actuarial Firm	Cheiron Inc	
R03.	Actuarial Accrued Liability (AAL)	154,047,881	
R04.	Actuarial Value of Assets (AVA)	99,880,223	
R05.	Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)	54,167,658	
R06.	Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)	64.84	
R07.	Annual Covered Payroll (ACP)	25,654,432	
R08.	UAAL as a Percentage of ACP (AVA Basis)	211.16%	
R09.	Method Used to Determine AAL	Entry Age	~
R10.	Please Specify "Other" Method		
R11.	Market Value of Assets (MVA)	99,186,092	
R12.	UAAL (MVA Basis)	54,861,789	
R13.	Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)	64.39	
	UAAL Amortization		
R14.	Method Used to Amortize the Total UAAL	Level Percentage of Projected Cov	ered Payroll 🗸
R15.	Please Specify "Other" Method		
R16.	Total UAAL Amortization Period (in years)	30	
R17.	Years Remaining in Total UAAL Amortization Period	13	
R18.	Year in Which the Total UAAL is Expected to be Fully Amortized	2032	

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Service Retirement Benefit Policies

			Years of		Years of		Years of		Years of	Age Regardless	Years of Service Regardless
Member Type	Tier	Age	Service	Age	Service	Age	Service	Age	Service	of Service	of Age
General	Non-PEPRA	55	5								25
General	PEPRA	52	5								

Cost of Living							
Member Type	e Tier	Granted Position Last Held	Index to Active Member Increase	Index to Consumer Price Index	Maximum Annual Increase	None	Other Basis
General	Non-PEPRA	~	~	~		Y	~
General	PEPRA	~	~	~		Y	~

Member Type     Tier     Position Last Held     Highest Year(s) Average     Final Year(s) Average     Compensation at Time of Retired       General     Non-PEPRA     4     4	Final Average Salary					
General Non-PEPRA 4	ember Type	Tier	Position Last Held	Highest Year(s) Average	Final Year(s) Average	Compensation at Time of Retirement
	eneral	Non-PEPRA	~		4	~
General PEPRA 4	eneral	PEPRA	~		4	<b>✓</b>

Pe	Percent Per Year of Service and Social Security Coverage						
M	lember Type	Tier	Age 50	Age 55	Age 60	Age 65	Social Security Coverage
G	eneral	Non-PEPRA		2.00	2.50	2.50	Supplemental 🗸
G	eneral	PEPRA		1.30	1.80	2.00	Supplemental 🗸

Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Service Retirement Benefit Policies: Benefit Comments

Fiscal Year: 202	0	
Comments	A correction was made in the Percent per Year of Service and Social Security Coverage section to increase the Non-	^
	PEPRA percentage at age 60 from 2.25 to 2.50.	
		~

## Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Statement of Disability Benefit Policies

Disability Benefits as a Percentage of Final Average Salary						
Member Type	Tier	Nonservice Disability Per Year (%)	Nonservice Disability Maximum (%)	Service Disability Per Year (%)	Service Disability Maximum (%)	
General	Non-PEPRA	2	2.5	2	2.5	
General	PEPRA	1	2.5	1	2.5	

Note or Special Requirements	^
	<b>~</b>

#### Sacramento Regional Transit District Salaried Employees' Retirement Plan Public Retirement Systems Financial Transactions Report Footnotes

Fiscal Year: 2	020	
FORM DESC	FIELD NAME	FOOTNOTES
NetPosition	(R01)CashandCashEquivalents	Cash equivalents amount fluctuates depending on timing of investment sales.
NetPosition	(R03)Investments	Investment receivables fluctuate based on timing of investment transactions.
NetPosition	(R04)OtherReceivables	A portion of this amount represents prepaid expense for fiduciary insurance that is amortized over a 12 month period (there is no line for prepaid expense on the SCO forms so it is included in other receivables. The remaining amount is plan manager receivables. The balance fluctuates based on timing of receipts.
NetPosition	(R08)MunicipalBonds	Investment portfolio mix amounts fluctuate depending fund manager purchases/sales and changes in market value.
NetPosition	(R13)RealEstate	Investment portfolio mix amounts fluctuate depending fund manager purchases/sales and changes in market value.
NetPosition	(R16)OtherInvestments	Other investments consist of other asset backed securities held by our domestic fixed income manager. Investment portfolio mix amounts fluctuate depending fund manager purchases/sales and changes in market value.
NetPosition	(R24)AccountsPayable	Accounts payable balances fluctuate based on timing of payments. The FY20 balance is higher because the majority includes both May and June accruals whereas in FY19 May was paid prior to the fiscal year-end so payable balances only included June.
NetPosition	(R25)InvestmentPurchasesPayable	Investment purchases payable fluctuate based on timing of investment transactions.
Additions	(R05)Member-General	There were more PEPRA employees hired and they were required to contribute.
Additions	(R14)NetAppreciation(Depreciation) inFairValueofInvestments	Net Appreciation/Depreciation amounts fluctuate based on annual market performance and portfolio market performance.
Additions	(R17)OtherInvestmentIncome	The majority of other investment income consists of futures/forwards and other activity that is not specifically interest or dividend income. Other investment income fluctuates based on annual market performance and portfolio market performance.
Deductions	(R05)DisabilityRetirement-General	There were less disability retirements in 2020.
Deductions	(R14)MemberRefund-General	Refunds were higher because there was more employee turnover in 2020.

Total Footnote: 13



### RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 11

**TO:** Sacramento Regional Transit Retirement Boards – ALL

**FROM:** Jamie Adelman, AVP Finance & Treasury

**SUBJ:** RECEIVE AND FILE THE FINANCIAL STATEMENTS WITH

INDEPENDENT AUDITOR'S REPORT FOR THE TWELVE MONTH

PERIOD ENDED JUNE 30, 2020 (ALL). (ADELMAN)

#### RECOMMENDATION

Motion to Approve.

#### **RESULT OF RECOMMENDED ACTION**

Motion: Receive and File the Financial Statements with Independent Auditor's Report, Auditor's Report to the Board of Directors, and the Report on Internal Control for the Twelve Month Period Ended June 30, 2020 (ALL). (Adelman)

#### FISCAL IMPACT

None.

#### **DISCUSSION**

In accordance with California Government Code Section 7504, the Retirement Plans for employees of the Sacramento Regional Transit District (District) are required to have an annual audit performed. Crowe LLC conducted the Plans' audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. The standards require that the auditors plan and perform the audit to obtain reasonable assurance that the Plans' financial statements are free of material misstatements.

For the fiscal year ended June 30, 2020, the investment assets for the ATU, IBEW and Salaried Plans were combined into one commingled investment portfolio. The balance of investments owned by the ATU, IBEW and Salaried Plans are calculated based on a percentage of ownership as determined by the ATU, IBEW and Salaried Plans' custodian.

As noted in the report (Attachment 1), the combined net position held in trust for pension benefits increased \$970,438 or .33% from the beginning-of-year balance of \$297,384,910 to the end-of-year balance of \$298,355,348. The audit confirmed that the District made 100% of its actuarially determined contribution of \$21,173,818.

The audit also determined that the Retirement Plans' financial statements are free of material misstatements and that the Retirement Plans are operated with appropriate internal controls.

#### **Staff Recommendation**

The following documents (Attachments 1-3) are submitted to the Board for receipt and filing:

The Audited Financial Statements – Attachment 1
 Report to the Board of Directors – Attachment 2
 Report on Internal Control – Attachment 3

### FINANCIAL STATEMENTS WITH INDEPENDENT AUDITOR'S REPORT

FOR THE FISCAL YEAR ENDED JUNE 30, 2020

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#### MEMBERS OF THE 2021 RETIREMENT BOARD AND ADMINISTRATIVE STAFF

#### **Amalgamated Transit Union Local 256**

Ralph Niz, Chairperson Crystal McGee-Lee, Member Gwen Land, Alternate

#### International Brotherhood of Electrical Workers Local 1245

Constance Bibbs, Chairperson Jon McCleskey, Member Neal Pickering, Alternate

#### **Administrative Employees Association**

Russel Devorak, Chairperson Tim McGoldrick, Member Jayanthi Santhanakrishnan, Alternate \*Admin cc: Felix Mario Huerta Jr.

#### American Federation of State, County & Municipal Employees, Local 146, AFL-CIO

Peter Guimond, Chairperson Lisa Thompson, Member Daniel Salva, Alternate

#### **Management and Confidential Employees**

Laura Ham, Chairperson Craig Norman, Member Christopher Flores, Alternate

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

\*Patrick Kennedy, Common Chairperson \*Admin cc: Maria De Anda Henry Li, Member Rick Jennings II, Alternate

#### **Assistant Secretary**

Jon Gobel, Pension and Retiree Services Manager

#### **Legal Counsel**

Shayna M. van Hoften, Partner Liz Masson, Partner Hanson Bridgett

#### **Finance Department**

Brent Bernegger, VP Finance/CFO Jamie Adelman, AVP Finance & Treasury Lynda Volk, Accountant II

#### **Retirement Services Division**

Ro Matthews, Retirement Analyst I Jessy Mathew, Retirement Analyst II



#### INDEPENDENT AUDITOR'S REPORT

Members of the Retirement Board of Directors Sacramento Regional Transit District Sacramento, California

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the ATU Plan, IBEW Plan and Salaried Plan for Sacramento Regional Transit District Employees (the Plans), as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the Plans' basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plans' preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plans' internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective fiduciary net position of the ATU Plan, IBEW Plan and the Salaried Plan for Sacramento Regional Transit District Employees as of June 30, 2020, and the respective changes in fiduciary net position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### Other Matters

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Schedules of Changes in the Net Pension Liability and Related Ratios, Schedules of District Contributions, and the Schedule of Investment Returns, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the Management's Discussion and Analysis that governmental accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

#### Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the ATU Plan's, IBEW Plan's and the Salaried Plan's basic financial statements. The accompanying Members of the Retirement Board and Administrative Staff section and Schedules of Investment and Administrative Expenses, as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the financial statements.

The accompanying Schedules of Investment and Administrative Expenses are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedules of Investment and Administrative Expenses are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The Members of the Retirement Board and Administrative Staff section has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 24, 2020 on our consideration of the Plans' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Plans' internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Plans' internal control over financial reporting and compliance.

Crowe LLP

Sacramento, California November 24, 2020

### STATEMENT OF PLAN NET POSITION JUNE 30, 2020

	ATU	IBEW	Salaried	Total	
Assets					
Investments:					
Equity securities	\$ 90,963,499	\$ 40,270,748	\$ 69,569,341	\$ 200,803,588	
Fixed income securities	44,291,921	19,091,086	29,090,368	92,473,375	
Total investments	135,255,420	59,361,834	98,659,709	293,276,963	
Cash and short-term investments	7,371,763	3,194,679	4,959,859	15,526,301	
Receivables					
Securities sold	6,104,714	2,632,707	4,016,792	12,754,213	
Interest and dividends	205,797	89,210	138,053	433,060	
Other receivables and prepaids	13,218	12,197	12,912	38,327	
Total receivables	6,323,729	2,734,114	4,167,757	13,225,600	
<b>Total assets</b>	148,950,912	65,290,627	107,787,325	322,028,864	
Liabilities					
Securities purchased payable	10,559,230	4,552,204	6,940,654	22,052,088	
Accounts payable	967,630	359,298	294,500	1,621,428	
Total liabilities	11,526,860	4,911,502	7,235,154	23,673,516	
Net position restricted for pension					
benefits	\$ 137,424,052	\$ 60,379,125	\$ 100,552,171	\$ 298,355,348	

(Schedule of Changes in the Net Position Liability and Related Ratios for the Plans are presented on pages 24 through 27.)

The accompanying notes to the financial statements are an integral part of these financial statements.

#### STATEMENT OF CHANGES IN PLAN NET POSITION FOR THE FISCAL YEAR ENDED JUNE 30, 2020

		ATU		IBEW		Salaried		Total	
Additions									
Contributions:									
Employer	\$	8,783,426	\$	3,230,879	\$	9,159,513	\$	21,173,818	
Member		766,861		304,593		360,051		1,431,505	
Total contributions		9,550,287		3,535,472		9,519,564		22,605,323	
Investment income/(expenses):				_					
Net appreciation in fair value of investments		772,543		334,330		292,359		1,399,232	
Interest, dividends, and other income		2,376,298		1,032,631		1,690,593		5,099,522	
Investment expenses		(625,117)		(284,302)		(456,801)		(1,366,220)	
Net investment income/(expense)		2,523,724		1,082,659		1,526,151		5,132,534	
Total additions	_	12,074,011	_	4,618,131		11,045,715	_	27,737,857	
Deductions									
Benefits paid to participants		12,455,822		4,169,979		9,453,326		26,079,127	
Administrative expenses		243,847		218,135		226,310		688,292	
Total deductions		12,699,669		4,388,114		9,679,636	_	26,767,419	
Net increase/(decrease) in plan net position		(625,658)		230,017		1,366,079		970,438	
Net position restricted for pension benefits - Beginning of fiscal year	_	138,049,710		60,149,108		99,186,092		297,384,910	
Net position restricted for pension benefits - End of fiscal year	\$	137,424,052	\$	60,379,125	\$	100,552,171	\$	298,355,348	

The accompanying notes to the financial statements are an integral part of these financial statements.

#### NOTES TO THE FINANCIAL STATEMENTS FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 1. DESCRIPTION OF THE PLANS

The financial statements of the Retirement Plans for the Sacramento Regional Transit District Employees encompass the financial position and changes therein, for the ATU, IBEW, and Salaried Plans. The combined plans are reported as pension trust funds in the Sacramento Regional Transit District's (District) financial statements.

#### **ATU and IBEW Plans**

The Retirement Plans for Sacramento Regional Transit District Employees who are Members of Amalgamated Transit Union (ATU Plan) Local 256 and International Brotherhood of Electrical Workers (IBEW Plan) Local 1245 are single employer defined benefit pension plans covering contract employees of the District. Participants should refer to their respective plan agreements for more complete information. The ATU Plan and IBEW Plan were accounted for as one plan for accounting purposes prior to 2017 (collectively, the ATU/IBEW Plan). Effective July 1, 2016, separate trust agreements and financial record keeping was created for the ATU Plan and IBEW Plan based on actuarial calculations and trustee transactions. Each trust allows for accumulation of assets solely for the payment of benefits to plan members. The changes were approved and required by the Internal Revenue Service in order to establish the individual trusts.

#### Salaried Plan

The Retirement Plan for Sacramento Regional Transit District Salaried Employees (Salaried Plan) is a single employer defined benefit pension plan covering full- or part-time employees in the following employee groups: Operating Engineers Local 3 which remain under the Administrative Employees Association (AEA), Management and Confidential Employees Group (MCEG), and the American Federation of State, County & Municipal Employees, Local 146, AFL-CIO (AFSCME). AFSCME is further split into two groups AFSCME-Technical and AFSCME-Supervisors. Participants should refer to the Salaried Plan agreement for more complete information. The Salaried Plan is reported as a pension trust fund in the District's financial statements.

**Plan Tier Definition** – As a result of labor negotiations and the court ruling on the Public Employees' Pension Reform Act (PEPRA), Tier 2 was created in the ATU, IBEW and Salaried Plans, as well as a Tier 3 for the ATU only. The Tiers effective dates are directly affected by labor negotiations and whether the union/employee group was under a current Memorandum of Understanding (MOU). As of June 30, 2020 the following tiers apply to employees, based on their date of hire.

- ATU Tier 1 consists of all employees hired on or before December 31, 2014, Tier 2 consists of all employees hired on or after January 1, 2016, Tier 3 consists of all employees hired during the time period January 1, 2015 to December 31, 2015.
- IBEW Tier 1 consists of all employees hired on or before December 30, 2014, Tier 2 consists of all employees hired on or after December 31, 2014.
- Salaried Tier 1 consists of all employees hired on or before December 30, 2014, Tier 2 consists of all employees hired on or after December 31, 2014.

Tier 1 and Tier 3 are closed to new entrants as all newly hired employees will be placed into the respective Tier 2 plans.

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 1. DESCRIPTION OF THE PLANS (Continued)

#### General Provisions ATU, IBEW and Salaried Plans

Contributions to the ATU, IBEW and Salaried Plans are authorized or amended by the Retirement Board based on an actuarial basis. The authority under which benefit provisions are established and amended rests with the District's Board of Directors as a result of labor negotiations. Assembly Bill 1064, effective January 1, 2004, mandates that the Retirement Boards be comprised of equal representation of management and Bargaining Group employees. The Retirement Board shall consist of not more than 4 members and 2 alternates. Two (2) voting members and one (1) alternate shall be appointed by the District's Board of Directors and two (2) voting members and one (1) alternate shall be appointed by the ATU, IBEW, AEA, AFSCME, and MCEG member groups.

The ATU, IBEW and Salaried Plans provide defined pension, disability, and death benefits to employees who are members of the ATU, IBEW, AEA, MCEG, AFSCME-Technical, and AFSCME-Supervisors bargaining units.

Plan membership for Tier 1, Tier 2 and Tier 3, at June 30, 2020, consisted of:

	ATU	IBEW	Salaried
Retirees and beneficiaries currently receiving benefits	484	147	323
Terminated members entitled to but not yet collecting benefits	29	20	46
Current active members	538	211	243
	1,051	378	612

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 1. DESCRIPTION OF THE PLANS (Continued)

#### RETIREMENT BENEFITS

Table 1 below presents a summary of the retirement benefits for Tier 1 employees for each of the employee groups represented by the ATU, IBEW and Salaried Plans. Table 1 also includes the summary for ATU Tier 3.

Table 1

TIER 1 & TIER 3	ATU Plan	IBEW Plan	Salaried Plan							
Employee Unions/Groups	ATU	IBEW	AFSCME - Technical	AFSCME - Supervisors	AEA	MCEG				
Plan Terms	MOU	MOU	MOU	MOU	MOU	MOU				
Vesting Period: Years of Service - % Vested	10 - 100%	5 - 100%	5 - 20% 6 - 40% 7 - 60% 8 - 80% 9 - 100%	9 - 100%	5 - 100%	5 - 100%				
Vacation and sick leave sell back towards pension calculation	Allowable	Allowable	Allowable	Allowable	Allowable	Allowable				
Disability Retirement Multiplier		Equal to applicable retirement age multiplier or 2% if age and service are not met.  Vesting required								

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 1. DESCRIPTION OF THE PLANS (Continued)

Table 2 below presents a summary of the retirement benefits for Tier 2 employees for each of the employee groups represented by the ATU, IBEW and Salaried Plans.

Table 2

TIER 2	ATU Plan	IBEW Plan	Salaried Plan						
Employee Unions/Groups	ATU	IBEW	AFSCME - Technical	AFSCME - Supervisors	AEA	MCEG			
Plan Terms	PEPRA	PEPRA	PEPRA	PEPRA	PEPRA	PEPRA			
Vesting Period: Years of Service - % Vested	5 - 100%	5 - 100%	5 - 100%	5 - 100%	5 - 100%	5 - 100%			
Vacation and sick sell back towards pension calculation	Not Allowable	Not Allowable	Not Allowable	Not Allowable	Not Allowable	Not Allowable			
Disability Retirement Multiplier  Equal to applicable retirement age multiplier or 2% if age and service are not ment Vesting required					ot met.				

The retirement ages, years of service and pension calculation multipliers vary by employee union/group. The multipliers and years of service range from 2% at age 55 or 25 years of service to 2.5% at age 60 or 30 or more years of service for Tier 1 and Tier 3. All Tier 2 participants fall under PEPRA requirements.

The benefits for both Tier 1 and Tier 2 members begin at retirement and continue for the participant's life with no cost of living adjustment. The participant can elect to receive reduced benefits with continuing benefits to a beneficiary after death.

**Disability Benefits** — A participant is eligible for a disability benefit if the participant is unable to perform the duties of his or her job with the District, cannot be transferred to another job with the District, and has submitted satisfactory medical evidence of permanent disqualification from his or her job. Members are required to be vested in their respective union or employee group to qualify for disability retirement. The disability benefit is equal to the retirement allowance, as defined by the ATU, IBEW or Salaried Plan, multiplied by service accrued through the date of disability. The disability benefit cannot exceed the retirement benefit. The benefit begins at disability and continues until recovery or for the participant's life unless the participant elects to receive reduced benefits with continuing benefits to a beneficiary after death.

**Pre-Retirement Death Benefit** – A participant's surviving spouse is eligible for a pre-retirement death benefit if the participant is vested, based on the respective bargaining agreements. The pre-retirement death benefit is the actuarial equivalent of the normal retirement benefit, as if the participant retired on the date of death. The death benefit begins when the participant dies and continues for the life of the surviving spouse.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 1. DESCRIPTION OF THE PLANS (Continued)

**Administration** – The ATU, IBEW, and Salaried Plans are administered by the ATU, IBEW, and Salaried Plan's Retirement Boards. All expenses incurred in the administration of the ATU, IBEW, and Salaried Plans are paid by the respective plan.

**Plan Termination** – Should the ATU, IBEW or the Salaried Plan be terminated, the Plans' net position will first be applied to provide for retirement benefits to retired members. Any remaining net position will be allocated to other members, oldest first both active and inactive, on the basis of the actuarial present value of their benefits.

#### 2. SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting – The accompanying financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America and reporting guidelines set forth by the Government Accounting Standards Board (GASB). The ATU, IBEW and Salaried Plans are reported as pension trust funds which report resources that are required to be held in trust for the members and beneficiaries of the defined benefit pension plans. The ATU, IBEW and Salaried Plans are accounted for on the flow of economic resources measurement focus and the accrual basis of accounting.

The District's contributions to the ATU, IBEW and Salaried Plans are recognized in the period in which the contributions are due pursuant to formal commitments or contractual requirements. Benefits and refunds are recognized when due and payable in accordance with the ATU, IBEW and Salaried Plans' agreements.

Cash and Short-Term Investments – The ATU, IBEW and Salaried Plans consider all highly liquid investments with an original maturity of three months or less to be short-term investments.

**Investments** – Investments consist of securities or other assets held primarily for the purpose of income or profit and their present service capacity is based solely on its ability to generate cash or to be sold to generate cash. Realized gains or losses on the sale of investments are recorded on the trade date as the difference between proceeds received and the fair value at the beginning of the year, or cost if acquired during the year. Net appreciation (depreciation) in fair value of investments includes net unrealized market appreciation and depreciation of investments and net realized gains and losses on the sale of investments during the period. Interest income includes dividends and interest paid on the ATU, IBEW and Salaried Plans' investments. The investment assets for the ATU, IBEW and the Salaried Plans are combined into one commingled investment portfolio. The balances of investments owned by the plans are calculated based on a percentage of ownership as determined by the Plans' custodian, Northern Trust.

**Estimates** – The preparation of financial statements in conformity with generally accepted accounting principles requires the ATU, IBEW and Salaried Plans' administrators to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

**New Pronouncements** – For the fiscal year ended June 30, 2020, the ATU, IBEW and Salaried Plans did not implement new GASB pronouncements as they did not apply to the ATU, IBEW and Salaried Plans' financial activity or were immaterial.

The District will evaluate the impact of new GASB pronouncements in the year they are implemented or effective.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 3. CONTRIBUTION REQUIREMENTS

#### **EMPLOYER CONTRIBUTIONS**

The ATU, IBEW and Salaried Plans' funding policies provides for actuarially determined periodic contributions. Contribution rates for retirement benefits are determined using the entry age normal cost method. During the fiscal year ended June 30, 2020, the District made contributions to the ATU, IBEW and Salaried Plans of \$21,173,818, for all employees.

#### TIER 1 EMPLOYEES

For the fiscal year ended June 30, 2020, the actuarially determined rate for the ATU Plan was 27.78% of covered payroll, the IBEW Plan was 24.73% of covered payroll, and the Salaried Plan was 35.41% of covered payroll. No contributions are required by the ATU, IBEW and Salaried Plans' members pursuant to each respective bargaining agreement for employees hired before January 1, 2015.

#### **TIER 2 EMPLOYEES**

As of January 1, 2015, all new employees were required to contribute to their pension based upon the terms of the bargaining groups MOU or based on PEPRA.

ATU employees are required to contribute 50% of normal cost which is currently 7.25% of their annual salary. The employer portion of the actuarially determined rate for the ATU members was 20.53% of covered payroll for the fiscal year ending June 30, 2020. The total contribution by Tier 2 employees of the ATU Plan for the fiscal year ended June 30, 2020 was \$722,574.

IBEW employees are required to contribute 50% of normal cost which is currently 6.00% of their annual salary. The employer portion of the actuarially determined rate for the IBEW members was 18.73% of covered payroll for the fiscal year ending June 30, 2020. The total contribution by Tier 2 employees of the IBEW Plan for the fiscal year ended June 30, 2020 was \$304.593.

Members of AEA, MCEG, AFSCME-Supervisors, and AFSCME-Technical are required to contribute 50% of normal cost which is currently 5.75% of their annual salary. The employer portion of the actuarially determined rate for the AEA, MCEG, and AFSCME-Supervisors members was 29.66% of covered payroll for the fiscal year ending June 30, 2020. The total contribution by Tier 2 employees of the Salaried Plan for the fiscal year ended June 30, 2020 was \$360,051.

The employee contribution rates calculated in compliance with PEPRA, for the fiscal year ended June 30, 2020, were actuarially determined as part of the valuations dated July 1, 2018.

#### TIER 3 EMPLOYEES

ATU employees hired during the time period January 1, 2015 and December 31, 2015, are required to contribute 3% of pay. The employer portion of the actuarially determined rate for the ATU members was 24.78% of covered payroll for the fiscal year ending June 30, 2020. The total contribution by Tier 3 employees of the ATU Plan for the fiscal year ended June 30, 2020 was \$44,287.

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS

#### **CASH AND SHORT-TERM INVESTMENTS**

At June 30, 2020, the reported amount of cash and short-term investments of the ATU, IBEW and Salaried Plans was \$15,526,301. The amount was collateralized with securities held by the counterparty's trust department or agent in the District's name on behalf of the Retirement Plans.

#### **INVESTMENTS**

An annual Board-adopted policy, the "Statement of Investment Objectives and Policy Guidelines for the Sacramento Regional Transit District Retirement Plans" (Policy), governs the ATU, IBEW and Salaried Plans' investments. The Policy focuses on the continued feasibility of achieving, and the appropriateness of, the Asset Allocation Policy, the Investment Objectives, the Investment Policies and Guidelines, and the Investment Restrictions. The Retirement Boards have the authority to amend the asset allocation targets as well as establish and amend investment policies. The following was the Plans' adopted asset allocation policy as of June 30, 2020:

Asset Class	Target Allocation
Domestic Equity Large Cap	32%
Domestic Equity Small Cap	8%
International Equity Developed Large Cap	14%
International Equity Developed Small Cap	5%
International Equity Emerging Markets	6%
Domestic Fixed Income	25%
Real Estate	10%

For the years ended June 30, 2020, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expenses, was 1.98%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

The following table identifies the investment types that are authorized by the ATU, IBEW and Salaried Plans' Retirement Boards. The table also identifies certain provisions of the Investment Objectives and Policy that address interest rate risk, credit risk and concentration of credit risk.

Authorized Investment Type	Maximum Maturity (1)	Minimum Rating (3)	Maximum Percentage of Portfolio	Maximum Investment in One Issuer
Cash	None	N/A	None	None
U.S. Treasury Bills	None	N/A	None	None
Agency Discount Notes	None	N/A	None	None
Certificates of Deposit	None	N/A	None	None
Bankers Acceptances	None	N/A	None	None
Commercial Paper	None	A2/P2	None	None
Asset-Backed Commercial Paper	None	A2/P2	None	None
Money Market Funds and Bank Short-Term	None	N/A	None	None
Investment Funds (STIF)				
Repurchase Agreements	None	N/A	None	None
U.S. Government and Agency Securities	None	N/A	None	None
Credit Securities/Corporate Debt (4)	None	N/A	None	None
Securitized Investments (5)	None	N/A	None	None
Emerging Markets	None	N/A	None	None
International Fixed Income Securities	None	N/A	None	None
Other Fixed Income Securities (6)	None	N/A	None	None
Mutual Funds and Interest in Collective and	N/A	N/A	25% (2)	5%
Commingled Funds				
Real Estate Investment Trust	N/A	N/A	25% (2)	5%
Depository Receipt	N/A	N/A	25% (2)	5%
Stocks	N/A	N/A	25% (2)	5%
Other Equity Securities (7)	N/A	N/A	25% (2)	5%
Real Estate	None	N/A	None	None

- (1) The fixed income portion of the ATU, IBEW and Salaried Plans shall be limited in duration to between 75% and 125% of the Bloomberg Aggregate Index benchmark.
- (2) No more than 25% of the fair value on the purchase cost basis of the total common stock portfolio (equity securities) shall be invested in a single industry at the time of purchase.
- (3) The investment managers shall maintain a minimum overall portfolio quality rating of "A" equivalent or better at all times (based on market-weighted portfolio average). Minimum quality (at purchase) must be at least 80% Baa or above.
- (4) Credit Securities and Corporate Debt include: debentures, medium-term notes, capital securities, trust preferred securities, Yankee bonds, Eurodollar securities, floating rate notes and perpetual floaters, structured notes, municipal bonds, preferred stock, private placements (bank loans and 144(a) securities), and Enhanced Equipment Trust Certificates (EETCs).
- (5) Securitized investments includes: agency and non-agency mortgage-backed securities, asset-backed securities (144(a) securities), and commercial mortgage-backed securities.
- (6) Other Fixed Income Securities includes: fixed income commingled and mutual funds, futures and options, swap agreements, and reverse repurchase agreements.
- (7) Other Equity Securities include: rights and warrants.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

#### INVESTMENT RISK FACTORS

There are many factors that can affect the value of investments. Such factors as interest rate risk, credit risk, custodial credit risk, concentration of credit risk, and foreign currency risk may affect both equity and fixed income securities.

#### **INTEREST RATE RISK**

Interest rate risk is the risk that the value of fixed income securities will decline because of rising interest rates. The prices of fixed income securities with a longer time to maturity, measured by duration, tend to be more sensitive to changes in interest rates and, therefore, more volatile than those with shorter duration.

The following table provides information about the interest rate risks associated with the ATU, IBEW and Salaried Plans' investments at June 30, 2020.

		Maturity in Years								
	Less than 1			1 - 5	6 - 10		More than 10			Amount
Collateralized Mortgage Obligations Corporate Bonds Municipal Bonds U.S. Government Agency Obligations U.S. Government Issued Obligations	\$	1,150,675 - 257,441	\$	10,940,795 164,321 6,110,861	\$	6,334,523 12,510 3,017,335	\$	4,316,376 12,421,814 735,629 35,405,207 3,138,095	\$	4,316,376 30,847,807 735,629 35,839,479 12,266,291
Asset-Backed Securities Total	\$	1,408,116	\$	562,765 17,778,742	\$	1,440,777 10,805,145	\$	6,464,251 62,481,372	\$	8,467,793 92,473,375

In accordance with the ATU, IBEW and Salaried Plans' investment policy, investments may include collateralized mortgage obligations, mortgage pass-through securities, asset-backed securities, callable bonds and corporate debts that are considered to be highly sensitive to changes in interest rates.

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

#### COLLATERALIZED MORTGAGE OBLIGATIONS

Collateralized mortgage obligations (CMOs) are bonds that represent claims to specific cash flow from large pools of home mortgages. The streams of principal and interest payments on the mortgages are distributed to the different classes of CMO interests.

CMOs are often highly sensitive to changes in interest rates and any resulting change in the rate at which homeowners sell their properties, refinance, or otherwise pre-pay their loans. Investors in these securities may not only be subjected to such prepayment risk, but also exposed to significant market and liquidity risks.

#### MORTGAGE PASS-THROUGH SECURITIES

These securities, disclosed as U.S. Government Agency Obligations in the interest rate risk table above, are issued by Government Sponsored Enterprises (GSEs) which are a group of financial services corporations created by the United States Congress. The GSEs include: the Federal National Mortgage Association (Fannie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac), and the Federal Home Loan Banks. Another institution that issues these securities is the Government National Mortgage Association (Ginnie Mae). These securities are highly sensitive to interest rate fluctuations because they are subject to early payment. In a period of declining interest rate, the resulting reduction in expected total cash flows affects the value of these securities.

#### ASSET-BACKED SECURITIES

Asset-backed securities generate a return based upon either the payment of interest or principal on obligations in an underlying pool. The relationship between interest rates and prepayments make the value highly sensitive to changes in interest rates.

#### **CALLABLE BONDS**

Although bonds are issued with clearly defined maturities, an issuer may be able to redeem, or call, a bond earlier than its maturity date. The Plans must then replace the called bond with a bond that may have a lower yield than the original bond. The call feature causes the value to be highly sensitive to changes in interest rates. As of June 30, 2020, the ATU, IBEW and Salaried Plans held callable bonds with a value of \$24,570,092.

#### CREDIT RISK

Fixed income securities are subject to credit risk, which is the risk that a bond issuer or other counterparty to a debt instrument will not fulfill its obligation to pay interest or principal in a timely manner, or that negative perceptions of the issuer's ability to make these payments will cause security prices to decline. The circumstances may arise due to a variety of factors such as financial weakness, bankruptcy, litigation and/or adverse political developments.

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

A bond's credit quality is an assessment of the issuer's ability to pay interest on the bond, and ultimately, to pay the principal. Credit quality is evaluated by one of the independent bond-rating agencies, for example Moody's Investors Services (Moody's). The lower the rating the greater the chance, in the rating agency's opinion, the bond issuer will default, or fail to meet their payment obligations. Generally, the lower a bond's credit rating, the higher its yield should be to compensate for the additional risk.

Certain fixed income securities, including obligations of the U.S. government or those explicitly guaranteed by the U.S. government, are not considered to have credit risk.

For the fiscal year ending June 30, 2020, the ATU, IBEW and Salaried Plans were in adherence with the credit risk provisions of the Statement of Investment Objectives and Policy Guidelines which require a minimum overall portfolio quality rating and a minimum credit rating at the time of purchase.

The following table provides information on the credit ratings and fair value associated with the ATU, IBEW and Salaried Plans' investments as of June 30, 2020.

		Percentage of
Investment Rating	 Amount	Portfolio
Not Applicable	\$ 200,803,588	68.49%
Not Rated	41,082,100	14.01%
Aaa	16,369,284	5.58%
Aal	904,268	0.31%
Aa2	852,322	0.29%
Aa3	1,244,081	0.42%
A1	1,163,597	0.40%
A2	3,687,332	1.26%
A3	2,822,106	0.96%
Baa1	4,911,051	1.67%
Baa2	6,575,718	2.24%
Baa3	5,550,000	1.89%
Ba1	1,827,811	0.62%
Ba2	1,477,331	0.50%
Ba3	899,991	0.31%
B1	689,030	0.23%
B2	480,133	0.16%
В3	724,078	0.25%
Caa1	148,235	0.05%
Caa2	39,998	0.01%
WR	1,024,909	0.35%
	\$ 293,276,963	100.00%

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

#### CONCENTRATION OF CREDIT RISK

Concentration of credit risk is the risk associated with a lack of diversification of having too much invested in a few individual issuers, thereby exposing the organization to greater risks resulting from adverse economic, political, regulatory, geographic, or credit developments.

The investment policies of the ATU, IBEW and Salaried Plans state that an investment in each domestic or international equity fund managers' securities of a single issuer shall not exceed 5% (at cost) of the value of the portfolios and/or of the total outstanding shares. As of June 30, 2020, the Plans held more than 5% of the Plans' fiduciary net position and more than 5% of total investments in the following fixed-income securities investments.

Federal National Mortgage Association \$ 14,800,413

#### **CUSTODIAL CREDIT RISK**

Custodial credit risk for <u>deposits</u> is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party.

The custodial credit risk for <u>investments</u> is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The ATU, IBEW and Salaried Plans' investment policy does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments. The ATU, IBEW and Salaried Plans' investment securities are not exposed to custodial credit risk because all securities are held by the ATU, IBEW and Salaried Plans' custodian bank in the District's name.

#### FOREIGN CURRENCY RISK

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The ATU, IBEW and Salaried Plans' investment policy states international equity securities shall be comprised of American Depository Receipts (ADR) of non-U.S. companies, common stocks of non-U.S. companies, preferred stocks of non-U.S. companies, foreign convertible securities including debentures convertible to common stocks, and cash equivalents.

As of June 30, 2020, the ATU, IBEW and Salaried Plans do not have any deposits or investments in a foreign currency.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

#### Fair Value Measurements

The ATU, IBEW and Salaried Plans categorize their fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted market prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The ATU, IBEW and Salaried Plans had the following recurring fair value measurements as of June 30, 2020:

			Fair Value Measurements Using					
				Quoted Prices in		Significant		Significant
				ctive Markets for	Other Observable			Unobservable
		20 2020	]	Identical Assets	Inputs			Inputs
Police of the control	J	une 30, 2020		(Level 1)	(Level 2)			(Level 3)
Debt Securities								
Collateralize mortgage obligations	\$	4,316,376	\$	-	\$	4,316,376	\$	-
Corporate bonds		30,847,807		-		30,847,807		-
Municipals		735,629		-		735,629		-
U.S. Government Agency obligations		35,839,479		-		35,839,479		-
U.S. Government issued obligations		12,266,291		-		12,266,291		-
Asset backed obligations		8,467,793		-		8,467,793		-
Equity Securities								
Common stock		70,418,580		70,418,580		-		-
Depository receipts		999,992		999,992		-		-
Real estate investment trust		266,848		266,848		-		-
Other		571		571		-		-
Total investments by fair value level	\$	164,159,366	\$	71,685,991	\$	92,473,375	\$	-
Investments measured at the net asset value								
S&P 500 index fund	\$	52,802,330						
MSCI EAFE index fund		13,671,689						
International large capital equity fund		28,350,682						
International small capital equity fund		15,246,762						
International emerging markets fund		19,046,134						
Total investments measured at NAV		129,117,597						
Total investments measured at fair value	\$	293,276,963						

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

Debt and equity securities classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities. Debt securities classified in Level 2 of the fair value hierarchy are valued using a matrix pricing technique. Matrix pricing is used to value securities based on the securities' relationship to benchmark quoted prices. Net asset value (NAV) securities are valued based on the net asset value of the pooled investments. The NAV per unit is determined by dividing the total value of the securities and other assets, less any liabilities, by the total outstanding units of the fund.

Investment measured at the net asset value (NAV)

	J	une 30, 2020	Fair Value	funded nitments	Redemptions Frequency	Redemptions Notice Period
S&P 500 index fund <sup>1</sup>	\$	52,802,330	\$ 52,802,330	\$ -	Daily	1 day
MSCI EAFE index fund <sup>2</sup>		13,671,689	13,671,689	-	Semi-monthly	6-8 days
International large capital equity fund <sup>3</sup>		28,350,682	28,350,682	-	Monthly	7 days
International small capital equity fund <sup>4</sup>		15,246,762	15,246,762	-	Monthly	2 days
International emerging markets fund 5		19,046,134	19,046,134	-	Daily	1 day
Total investments measured at the NAV	\$	129,117,597	\$ 129,117,597	\$ -		

- 1. S&P 500 index fund. This type includes an investment in a S&P 500 index fund that invests to match the S&P 500® Index. The S&P 500 is made up of primarily U.S. common stocks. The fair value of the investment in this type has been determined using the NAV per unit of the investment. The NAV per unit of the investment are determined each business day. Issuances and redemptions of fund units may be made on such days, based upon the closing market value on the valuation date of the investments bought or sold and the NAV per unit of the fund.
- 2. MSCI EAFE index fund. This type includes an investment in the Morgan Stanley Capital International Europe, Australasia, Far East Index (MSCI EAFE) Index fund that invest to approximate as closely as practicable, before expenses, the performance of the MSCI EAFE Index over the long term. The MSCI EAFE Index is made up of primarily International stocks. The per unit NAV of the fund is determined as of the last business day of each month and at least one other business day during the month. Issuances and redemptions of fund units may be made on such days, based upon the closing market value on the valuation date of the investments bought or sold and the NAV per unit of the fund.
- 3. International large capital equity fund. This type includes an investment in an International Equity Fund that seeks total return from long-term capital growth and income, while attempting to outperform the MSCI EAFE Index over a market cycle, gross of fees. The fair value of the investment in this type has been determined using the NAV per unit of the investment. The Trust has one dealing day per month, which is the first business day, and units are issued based upon a valuation on the last business day of the preceding month.
- 4. International small capital equity fund. The fund intends to utilize a set of valuation, momentum and economic factors to generate an investment portfolio based on security selection procedures geared to assist the fund in meeting its investment objectives. The fund generally will be managed by underweighting and overweighting securities relative to the benchmark. The investment objective is to outperform the MSCI EAFE Small Cap Index over a full market cycle. The fair value of the investment in this type has been determined using the NAV per unit of the investment. The fund has one dealing day per month, which is the first business day, and notification is required at least two business days in advance of a subscription or withdrawal.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 4. CASH AND INVESTMENTS (Continued)

5. International emerging markets fund. This type invests substantially all of its assets in the Emerging Market Series. The Emerging Market Series purchases a broad market coverage of larger companies associated with emerging markets, which may include frontier markets (emerging market countries in an earlier stage of development), authorized for investment by the Advisor's Investment Committee. As a non-fundamental policy, under normal circumstances, the Emerging Markets Series will invest at least 80% of its net assets in emerging markets investments that are defined in the Prospectus as Approved Market securities. The fair values of the investments in this type have been determined using the NAV per unit of the investments. Investors may purchase or redeem units of the fund on any business day.

#### 5. NET PENSION LIABILITY

Inflation

#### ATU Plan

The components of the net pension liability of the ATU Plan at June 30, 2020, were as follows:

Total pension liability	\$ 188,721,035
Plan fiduciary net position	(137,424,052)
ATU net pension liability	\$ 51,296,983
Plan fiduciary net position as a percentage of the	 
total pension liability	72.82%

The total pension liability was determined by an actuarial valuation as of July 1, 2019, using the following actuarial assumptions, applied to all periods included in the measurement, and using update procedures to roll forward the total pension liability to the pension plan's fiscal year-end:

3.00%

Amortization growth rate	3.00%
Salary increases	3.00%, plus merit component
Investment Rate of Return	7.25%, net of investment expense
Post-retirement mortality	RP 2014 w/ Scale MP-2015, base tables adjusted 115% for
·	males and 130% for females

The actuarial assumptions used in the July 1, 2019 valuation were based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2015.

The discount rate used to measure the Total Pension Liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that the District will continue to contribute to the ATU Plan based on an actuarially determined contribution, reflecting a payment equal to annual Normal Cost, the expected administrative expenses, and an amount necessary to amortize the remaining Unfunded Actuarial Liability as a level percentage of payroll over a closed period (13 years remaining as of the July 1, 2019 actuarial valuation).

Based on those assumptions, the ATU Plan's fiduciary net position was projected to be available to make all projected future benefit payments of the current ATU Plan members. Therefore, the long-term expected rate of return on the ATU Plan's investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED **JUNE 30, 2020**

#### NET PENSION LIABILITY (Continued)

The following presents the net pension liability of the ATU Plan, calculated using the discount rate of 7.25 percent, as well as what the ATU Plan's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

	1% Decrease 6.25%	Discount Rate 7.25%	1% Increase 8.25%
Total pension liability Plan fiduciary net position	\$ 207,664,700 S (137,424,052)	\$ 188,721,035 (137,424,052)	\$ 172,497,874 (137,424,052)
Net pension liability	\$ 70,240,648	51,296,983	\$ 35,073,822
Plan fiduciary net position as a percentage of the total pension liability	66.18%	72.82%	79.67%

#### **IBEW Plan**

The components of the net pension liability of the IBEW Plan at June 30, 2020, were as follows:

Total pension liability	\$ 84,200,710
Plan fiduciary net position	(60,379,125)
IBEW net pension liability	\$ 23,821,585
Plan fiduciary net position as a percentage of the	
total pension liability	71.71%

The total pension liability was determined by an actuarial valuation as of July 1, 2019, using the following actuarial assumptions, applied to all periods included in the measurement, and using update procedures to roll forward the total pension liability to the pension plan's fiscal year-end:

Inflation	3.00%
Amortization growth rate	3.00%
Salary increases	3.00%, plus merit component
Investment Rate of Return	7.25%, net of investment expense
Post-retirement mortality	RP 2014 w/ Scale MP-2015, base tables adjusted 115% for
•	males and 130% for females

The actuarial assumptions used in the July 1, 2019 valuation were based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2015.

The discount rate used to measure the Total Pension Liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that the District will continue to contribute to the IBEW Plan based on an actuarially determined contribution, reflecting a payment equal to annual Normal Cost, the expected administrative expenses, and an amount necessary to amortize the remaining Unfunded Actuarial Liability as a level percentage of payroll over a closed period (13 years remaining as of the July 1, 2019 actuarial valuation).

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 5. NET PENSION LIABILITY (Continued)

Based on those assumptions, the IBEW Plan's fiduciary net position was projected to be available to make all projected future benefit payments of the current IBEW Plan members. Therefore, the long-term expected rate of return on the IBEW Plan's investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

The following presents the net pension liability of the IBEW Plan, calculated using the discount rate of 7.25 percent, as well as what the IBEW Plan's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

		1% Decrease 6.25%	Discount Rate 7.25%	1% Increase 8.25%
Total pension liability Plan fiduciary net position Net pension liability	\$	93,263,190 \$ (60,379,125) 32,884,065 \$	84,200,710 \$ (60,379,125) 23,821,585 \$	76,491,919 (60,379,125) 16,112,794
Plan fiduciary net position as a percentage of the total pension liability	<u> </u>	64.74%	71.71%	78.94%

#### Salaried Plan

The components of the net pension liability of the Salaried Plan at June 30, 2020, were as follows:

Total pension liability	\$ 159,593,959
Plan fiduciary net position	(100,552,171)
Salaried net pension liability	\$ 59,041,788
Plan fiduciary net position as a percentage of the	
total pension liability	63.00%

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 5. NET PENSION LIABILITY (Continued)

The total pension liability was determined by an actuarial valuation as of July 1, 2019, using the following actuarial assumptions, applied to all periods included in the measurement, and using update procedures to roll forward the total pension liability to the pension plan's fiscal year-end:

Inflation 3.00% Amortization growth rate 3.00%

Salary increases 3.00%, plus merit component Investment Rate of Return 7.25%, net of investment expense

Post-retirement mortality RP 2014 w/ Scale MP-2015, base tables adjusted 130% for

females

The actuarial assumptions used in the July 1, 2019 valuation were based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2015.

The discount rate used to measure the Total Pension Liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that the District will continue to contribute to the Salaried Plan based on an actuarially determined contribution, reflecting a payment equal to annual Normal Cost, the expected administrative expenses, and an amount necessary to amortize the remaining Unfunded Actuarial Liability as a level percentage of payroll over a closed period (13 years remaining as of the July 1, 2019 actuarial valuation).

Based on those assumptions, the Salaried Plan's fiduciary net position was projected to be available to make all projected future benefit payments of the current Salaried Plan members. Therefore, the long-term expected rate of return on Salaried Plan investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

The following presents the net pension liability of the Salaried Plan, calculated using the discount rate of 7.25 percent, as well as what the Salaried Plan's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

	1%	Discount	1%
	Decrease	Rate	Increase
	6.25%	7.25%	8.25%
Total pension liability	\$ 177,895,622	2 \$ 159,593,959	\$ 144,071,674
Plan fiduciary net position	(100,552,171	) (100,552,171)	(100,552,171)
Net pension liability	\$ 77,343,451	\$ 59,041,788	\$ 43,519,503
Plan fiduciary net position as a percentage of the total pension liability	56.52%	63.00%	69.79%

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2020

#### 5. NET PENSION LIABILITY (Continued)

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future. Actuarial calculations reflect a long-term perspective and are based on the benefits provided under the terms of the substantive plan in effect at the time of each valuation. Actuarial methods and assumptions used include techniques designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of plan assets.

The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effect of legal or contractual funding limitations.

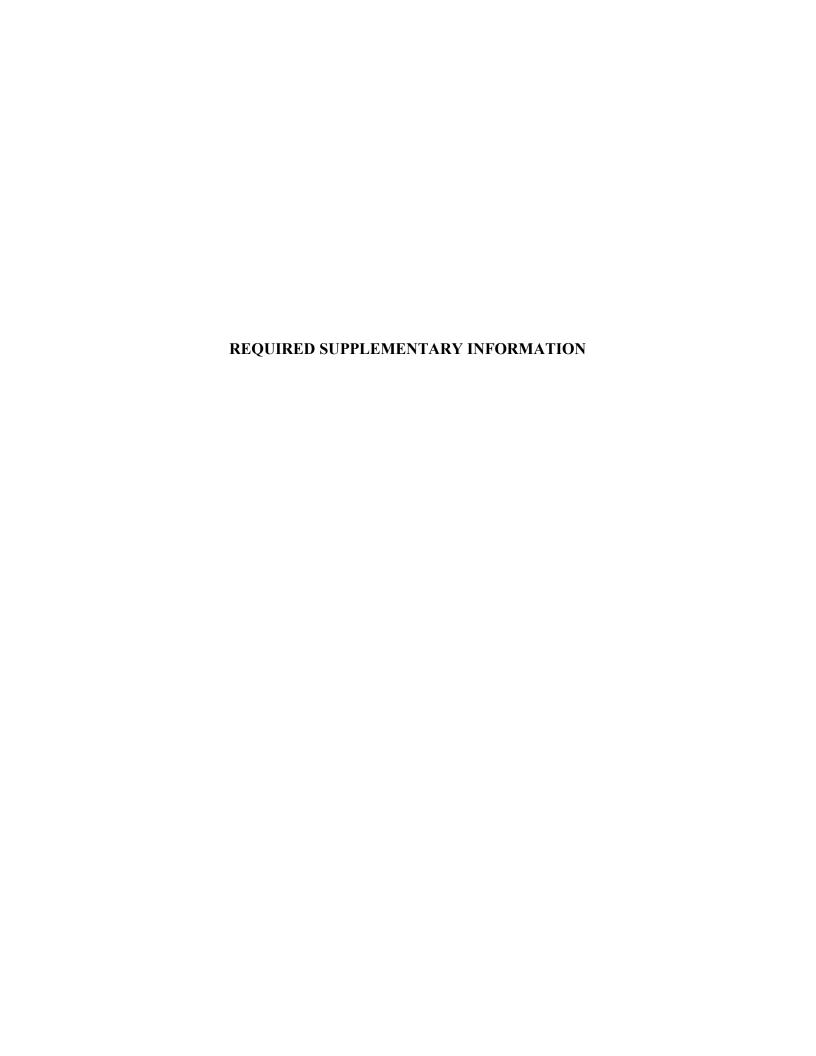
#### ATU, IBEW and Salaried Plan

The ATU, IBEW, and Salaried Plans' investments are invested as one comingled fund for economies of scale. The long-term expected rate of return on pension plan's investments were determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2020, are summarized in the following table:

Asset Class	Long-Term Expected Real Rate of Return
-	
Domestic Equity Large Cap	8.35%
Domestic Equity Small Cap	9.25%
International Equity Developed	8.70%
International Equity Emerging	10.25%
Domestic Fixed Income	2.75%
Real Estate	7.05%

#### 6. RECENT EVENT

The ongoing COVID-19 pandemic and restrictions on non-essential businesses have caused disruption in the U.S. and global economies. The continued rapid development of this situation and uncertainty regarding potential economic recovery precludes any prediction as to the ultimate adverse impact of COVID-19 on financial market and economic conditions. The estimates and assumptions underlying these financial statements are based on the information available as of November 24, 2020, including judgments about the financial market and economic conditions which may change over time. Management has not recorded any contingencies in the financial statements as a result of this recent event.



## SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256

#### FOR THE FISCAL YEARS ENDED JUNE 30, 2020, 2019, 2018 AND 2017

		2020		2019		2018		2017
Total pension liability								
Service Cost	\$	5,197,253	\$	5,084,840	\$	4,765,696	\$	4,835,944
Interest (includes interest on service cost)		13,012,883		12,664,533		12,761,359		12,885,195
Changes of benefit terms		-		-		-		(11,268)
Difference between expected and actual experience		(87,109)		(519,304)		(261,689)		(5,577,742)
Change of assumptions		-		(172,948)		3,663,543		-
Change in bargaining group		_		(314,880)		(5,129,398)		-
Benefit payments, including refunds of		(10.455.000)		(11.545.252)		(11 204 112)		(10.77(.006)
member contributions	_	(12,455,822)	_	(11,545,372)	_	(11,304,112)		(10,776,986)
Net change in total pension liability		5,667,205		5,196,869		4,495,399		1,355,143
Total pension liability - beginning		183,053,830		177,856,961	_	173,361,562	_	172,006,419
Total pension liability - ending	\$	188,721,035	\$	183,053,830	\$	177,856,961	\$	173,361,562
Plan fiduciary net position								
Contributions - employer	\$	8,783,426	\$	8,533,307	\$	7,863,420	\$	7,987,367
Contributions - member		766,861		493,597		337,009		168,463
Change in bargaining group		-		(343,707)		(2,638,467)		-
Net investment income		2,523,724		8,012,792		8,591,810		14,419,708
Benefit payments, including refunds of								
member contributions		(12,455,822)		(11,545,372)		(11,304,112)		(10,776,986)
Administrative expense	_	(243,847)	_	(279,016)	_	(260,006)		(306,539)
Net change in plan fiduciary net position		(625,658)		4,871,601		2,589,654		11,492,013
Plan fiduciary net position - beginning	_	138,049,710		133,178,109		130,588,455	_	119,096,442
Plan fiduciary net position - ending	\$	137,424,052	\$	138,049,710	\$	133,178,109	\$	130,588,455
Net pension liability - ending	\$	51,296,983	\$	45,004,120	\$	44,678,852	\$	42,773,107
Plan fiduciary net position as a percentage of the								
total pension liability		72.82%		75.41%		74.88%		75.33%
Covered payroll	\$	34,174,428	\$	30,125,788	\$	31,575,118	\$	30,212,311
Net pension liability as a percentage of covered payroll		150.10%		149.39%		141.50%		141.58%

Notes to Schedule: Payroll amounts are based on actual pensionable compensation from the employer

This is a 10 year schedule; however, the information in this schedule is not required to be presented retroactively. Years will be added to this schedule in future fiscal years until 10 years of information is available.

<sup>-</sup>FY2017: the ATU and IBEW Plans were separated; previous years not available.

<sup>-</sup>FY2018: amounts are reported as changes of assumptions resulted from lowering the discount rate from 7.50% to 7.25% and inflation rate from 3.15% to 3.00%.

<sup>-</sup>FY2019: amounts are reported as changes of assumptions resulted from a normal cost load of 2.62% for PEPRA members to account for missed pay periods.

## SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS EMPLOYEES WHO ARE MEMBERS OF IBEW LOCAL 1245

#### FOR THE FISCAL YEARS ENDED JUNE 30, 2020, 2019, 2018 AND 2017

		4040		2010		0010		2015
T		2020		2019		2018		2017
Total pension liability Service Cost	\$	1 906 473	\$	1,792,845	¢	1 506 227	¢	1 640 651
Interest (includes interest on service cost)	Э	1,806,472 5,716,051	<b>3</b>	1,792,845 5,449,300	\$	1,596,227 5,338,451	\$	1,640,651 4,742,855
Changes of benefit terms		5,710,051		5,449,500		5,556,451		(105,379)
Difference between expected and actual experience		845,009		499,642		(978,363)		2,420,299
Changes of assumptions		-		(98,047)		1,630,101		-
Benefit payments, including refunds								
of member contributions		(4,169,979)		(3,779,076)		(3,621,685)		(3,281,167)
Net change in total pension liability		4,197,553		3,864,664		3,964,731		5,417,259
Total pension liability - beginning		80,003,157		76,138,493		72,173,762		66,756,502
Total pension liability - ending	\$	84,200,710	\$	80,003,157	\$	76,138,493	\$	72,173,761
Plan fiduciary net position Contributions - employer Contributions - member Net investment income Benefit payments, including refunds of member contributions Administrative expense  Net change in plan fiduciary net position Plan fiduciary net position - beginning	\$	3,230,879 304,593 1,082,659 (4,169,979) (218,135) 230,017 60,149,108	\$	3,299,013 209,531 3,482,632 (3,779,076) (229,569) 2,982,531 57,166,577	\$	3,195,912 103,415 3,629,568 (3,621,685) (225,752) 3,081,458 54,085,119	\$	3,315,379 39,287 5,332,230 (3,281,167) (239,188) 5,166,541 48,918,578
Plan fiduciary net position - ending	\$	60,379,125	\$	60,149,108	\$	57,166,577	\$	54,085,119
	_		_				=	
Net pension liability - ending	\$	23,821,585	\$	19,854,049	\$	18,971,916	\$	18,088,642
Plan fiduciary net position as a percentage of the total pension liability	\$	71.71% 14,166,689	\$	75.18% 13,300,633	\$	75.08% 13,137,945	\$	74.94% 12,473,480
Covered payroll	ψ	17,100,009	Ψ	13,300,033	Ψ	13,137,273	Ψ	14,77,700
Net pension liability as a percentage of covered payroll		168.15%		149.27%		144.41%		145.02%

#### **Notes to Schedule:**

- -Payroll amounts are based on actual pensionable compensation from the employer
- -FY2017: the ATU and IBEW Plans were separated; previous years not available.
- -FY2018: amounts are reported as changes of assumptions resulted from lowering the discount rate from 7.50% to 7.25% and inflation rate from 3.15% to 3.00%.
- -FY2019: amounts are reported as changes of assumptions resulted from a normal cost load of 2.62% for PEPRA members to account for missed pay periods.

This is a 10 year schedule; however, the information in this schedule is not required to be presented retroactively. Years will be added to this schedule in future fiscal years until 10 years of information is available.

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256 AND IBEW 1245 FOR THE FISCAL YEARS ENDED JUNE 30, 2016, 2015 AND 2014

		2016		2015		2014		
Total pension liability								
Service Cost	\$	5,760,060	\$	5,753,143	\$	5,599,479		
Interest	Ψ	16,758,356	Ψ	16,384,487	Ψ	15,740,342		
Difference between expected and actual returns		(1,456,639)		(2,941,777)		13,7 10,3 12		
Changes of assumptions		8,176,501		1,621,574		-		
Change in bargaining group		6,170,501		1,021,374		(174 166)		
		(12 100 074)		(12 157 005)		(174,166)		
Benefit payments, including refunds of member contributions		(13,180,874)		(13,157,985)		(12,877,177)		
Net change in total pension liability	16,057,404			7,659,442		8,288,478		
Total pension liability - beginning	nsion liability - beginning 222,7		215,046,075			206,757,597		
Total pension liability - ending	\$	238,762,921	\$	222,705,517	\$	215,046,075		
					_			
Plan fiduciary net position								
Contributions - employer	\$	10,447,190	\$	10,343,620	\$	9,711,107		
Contributions - member		54,714		3,682		22,425		
Net investment income/(expense)		(1,121,417)		4,609,506		22,631,819		
Change in bargaining group		-		-		(174,166)		
Benefit payments, including refunds of member contributions		(13,180,874)		(13,157,985)		(12,877,177)		
Administrative expense		(290,647)		(190,442)		(230,365)		
Net change in plan fiduciary net position		(4,091,034)		1,608,381		19,083,643		
Plan fiduciary net position - beginning		172,106,054		170,497,673		151,414,030		
<b>, ,</b>	•		Ф.		Ф.			
Plan fiduciary net position - ending	<b>D</b>	168,015,020	\$	172,106,054	<b>D</b>	170,497,673		
Net pension liability - ending	\$	70,747,901	\$	50,599,463	\$	44,548,402		
Dian fiduciany not modified as a negrountage of the total negricular								
Plan fiduciary net position as a percentage of the total pension liability	1	70.37%		77.28%		79.28%		
Covered payroll	\$	39,996,326	\$	37,950,269	\$	38,857,668		
Net pension liability as a percentage of covered payroll		176.89%		133.33%		114.65%		

#### **Notes to Schedule:**

Information prior to 2014 is not available.

<sup>-</sup>Beginning in FY2015, payroll amounts are based on actual pensionable compensation from the employer. In prior years, payroll amounts are projected payroll from the actuarial valuation reports

<sup>-</sup>FY2015: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.75% to 7.65%

<sup>-</sup>FY2016: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.65% to 7.50% and updated demographic and economic assumptions that were adopted following an experience study

<sup>-</sup>FY2017: the ATU and IBEW Plans were separated; combined disclosures are not available going forward. See schedules of the individual plans on pages 24 and 25.

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS EMPLOYEES WHO ARE MEMBERS OF SALARIED EMPLOYEES LAST 10 FISCAL YEARS

	2020		2019	2018
Total pension liability				
Service Cost	\$	4,024,291	\$ 3,831,831	\$ 3,647,115
Change in bargaining group		10.704.659	474,438	5,129,398
Interest (includes interest on service cost) Changes of benefit terms		10,794,658	10,288,390	9,485,966
Difference between expected and actual experience		2,669,480	1,215,057	1,856,563
Changes of assumptions		-	(17,295)	3,291,931
Benefit payments, including refunds of				
member contributions		(9,453,326)	 (8,373,494)	 (7,779,366)
Net change in total pension liability		8,035,103	7,418,927	15,631,607
Total pension liability - beginning		151,558,856	144,139,929	 128,508,322
Total pension liability - ending	\$	159,593,959	\$ 151,558,856	\$ 144,139,929
Plan fiduciary net position				
Contributions - employer	\$	9,159,513	\$ 8,503,815	\$ 7,669,178
Contributions - member		360,051	193,293	143,094
Change in bargaining group		-	343,707	2,638,467
Net investment income/(expense)		1,526,151	5,649,123	6,073,483
Benefit payments, including refunds of member contributions		(9,453,326)	(8,373,494)	(7,779,366)
Administrative expense		(226,310)	(260,441)	(247,077)
Net change in plan fiduciary net position		1,366,079	6,056,003	8,497,779
Plan fiduciary net position - beginning		99,186,092	93,130,089	 84,632,310
Plan fiduciary net position - ending	\$	100,552,171	\$ 99,186,092	\$ 93,130,089
Net pension liability - ending	\$	59,041,788	\$ 52,372,764	\$ 51,009,840
Plan fiduciary net position as a percentage of				
the total pension liability		63.00%	65.44%	64.61%
Covered payroll	\$	26,295,215	\$ 22,220,418	\$ 24,283,580
Net pension liability as a percentage of covered payroll		224.53%	235.70%	210.06%

#### **Notes to Schedule:**

- -FY2015: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.75% to 7.65%.
- -FY2016: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.65% to 7.50% and updated demographic and economic assumptions that were adopted following an experience study.
- -FY2018: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.50% to 7.25% and inflation rate from 3.15% to 3.00%.
- -FY2019: amounts reported as changes of assumptions resulted from a normal cost load of 0.57% for PEPRA members to account for missed pay periods.
- -Beginning in FY2015, payroll amounts are based on actual pensionable compensation from the employer. In prior years, payroll amounts are projected payroll from the actuarial valuation reports.

This is a 10 year schedule; however, the information in this schedule is not required to be presented retroactively. Years will be added to this schedule in future fiscal years until 10 years of information is available.

# SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS EMPLOYEES WHO ARE MEMBERS OF SALARIED EMPLOYEES LAST 10 FISCAL YEARS (Continued)

		2017		2016		2015		2014
Total pension liability								
Service Cost Change in bargaining group	\$	3,873,148	\$	3,594,919	\$	3,476,103	\$	3,321,337 174,166
Interest (includes interest on service cost)		8,960,042		8,807,953		8,434,365		7,978,675
Changes of benefit terms		(298,430)		-		-		_
Difference between expected and actual experience		2,062,482		(852,040)		(753,076)		-
Changes of assumptions		-		(680,161)		930,863		-
Benefit payments, including refunds of								
member contributions		(7,179,362)		(6,190,981)	_	(5,502,144)		(5,664,400)
Net change in total pension liability		7,417,880		4,679,690		6,586,111		5,809,778
Total pension liability - beginning		121,090,442	_	116,410,572	_	109,824,641		104,014,863
Total pension liability - ending	\$	128,508,322	\$	121,090,442	\$	116,410,752	\$	109,824,641
Plan fiduciary net position								
Contributions - employer	\$	7,321,138	\$	7,576,866	\$	7,335,308	\$	6,609,083
Contributions - member	4	53,706	Ψ	21,014	Ψ	261	Ψ	1,678
Change in bargaining group		-		,		-		174,166
Net investment income/(expense)		9,388,876		(396,556)		2,132,136		9,297,644
Benefit payments, including refunds of								
member contributions		(7,179,362)		(6,190,981)		(5,502,144)		(5,664,400)
Administrative expense		(289,067)		(269,624)	_	(194,209)		(176,367)
Net change in plan fiduciary net position		9,295,291		740,719		3,771,352		10,241,804
Plan fiduciary net position - beginning		75,337,019		74,596,300	_	70,824,948		60,583,144
Plan fiduciary net position - ending	\$	84,632,310	\$	75,337,019	\$	74,596,300	\$	70,824,948
Net pension liability - ending	\$	43,876,012	\$	45,753,423	\$	41,814,452	\$	38,999,693
Plan fiduciary net position as a percentage of								
the total pension liability		65.86%		62.22%		64.08%		64.49%
Covered payroll	\$	23,435,642	\$	24,341,878	\$	23,022,281	\$	22,008,809
Net pension liability as a percentage of covered								
payroll		187.22%		187.96%		181.63%		177.20%
• •								

#### Notes to Schedule:

- -FY2015: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.75% to 7.65%.
- -FY2016: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.65% to 7.50% and updated demographic and economic assumptions that were adopted following an experience study.
- -FY2018: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.50% to 7.25% and inflation rate from 3.15% to 3.00%.
- -FY2019: amounts reported as changes of assumptions resulted from a normal cost load of 0.57% for PEPRA members to account for missed pay periods.
- -Beginning in FY2015, payroll amounts are based on actual pensionable compensation from the employer. In prior years, payroll amounts are projected payroll from the actuarial valuation reports.

This is a 10 year schedule; however, the information in this schedule is not required to be presented retroactively. Years will be added to this schedule in future fiscal years until 10 years of information is available.

#### SCHEDULE OF DISTRICT CONTRIBUTIONS EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256

### FOR THE FISCAL YEARS ENDING JUNE 30, 2020, 2019, 2018 AND 2017 (Dollar amounts in thousands)

	2020			2018		2017	
Actuarially determined contribution	\$ 8,783	\$	8,533	\$	7,863	\$	7,987
Contributions in relation to the actuarially determined contribution	8,783		8,533		7,863		7,987
Contribution deficiency (excess)	\$ 	\$	-	\$		\$	
Covered payroll	\$ 34,174	\$	30,126	\$	31,575	\$	30,212
Contributions as a percentage of covered payroll	25.70%		28.33%		24.90%		26.44%

#### **Notes to Schedule**

Valuation Date 7/1/2018 (to determine FY19-20 contribution)

Timing Actuarially determined contribution rates are calculated based on the actuarial valuation one year prior to the

beginning of the plan year.

#### Key methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age

Amortization method Level percentage of payroll, closed 14 year period as of 6/30/2018

Asset valuation method 5-year smoothed market

Discount Rate 7.25%
Amortization growth rate 3.00%
Price inflation 3.00%

Salary Increases 3.00%, plus merit component on employee classification and years of service

Mortality RP 2014 w/Scale MP-2015, base tables adjusted 115% for males and 130% for females

#### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2020, can be found in the July 1, 2018 actuarial valuation report. The financial reporting for the ATU and IBEW Plans' was split during FY2017, previous years information is not available.

### SCHEDULE OF DISTRICT CONTRIBUTIONS EMPLOYEES WHO ARE MEMBERS OF

### **IBEW LOCAL 1245**

### FOR THE FISCAL YEARS ENDING JUNE 30, 2020, 2019, 2018 AND 2017

(Dollar amounts in thousands)

	2020	2019	2018	2017
Actuarially determined contribution	\$ 3,231	\$ 3,299	\$ 3,196	\$ 3,315
Contributions in relation to the actuarially determined contribution	3,231	3,299	3,196	3,315
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -
Covered payroll	\$ 14,167	\$ 13,301	\$ 13,138	\$ 12,473
Contributions as a percentage of covered payroll	22.81%	24.80%	24.33%	26.58%

### **Notes to Schedule**

Valuation Date 7/1/2018 (to determine FY19-20 contribution)

Timing Actuarially determined contribution rates are calculated based on the actuarial valuation one year prior to the

beginning of the plan year

### Key methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age

Amortization method Level percentage of payroll, closed 14 year period as of 6/30/2018

Asset valuation method 5-year smoothed market

Discount Rate 7.25% Amortization growth rate 3.00% Price inflation 3.00%

Salary Increases 3.00%, plus merit component on employee classification and years of service

Mortality RP 2014 w/ Scale MP-2015, base tables adjusted 115% for males and 130% for females

### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2020, can be found in the July 1, 2018 actuarial valuation report. The financial reporting for the ATU and IBEW Plans' was split during FY2017, previous years information is not available.

### SCHEDULE OF DISTRICT CONTRIBUTIONS EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256 AND IBEW LOCAL 1245

### FOR THE FISCAL YEARS ENDING JUNE 30, 2016, 2015, 2014, 2013, 2012, 2011 AND 2010

(Dollar amounts in thousands)

	2016	2015	2014	2013	2012	2011	2010
Actuarially determined contribution  Contributions in relation to the actuarially	\$ 10,447 \$	10,344 \$	9,711 \$	8,694 \$	7,885 \$	6,809 \$	7,426
determined contribution	10,447	10,344	9,711	8,694	7,885	6,809	7,426
Contribution deficiency (excess)	\$ - \$	- \$	- \$	- \$	- \$	- \$	
Covered payroll	\$ 39,996 \$	37,950 \$	38,858 \$	37,110 \$	38,558 \$	38,343 \$	43,626
Contributions as a percentage of covered payroll	26.12%	27.26%	24.99%	23.43%	20.45%	17.76%	17.02%

Note: Beginning in FYE2015, payroll amounts are based on actual total payroll of the District. In previous years the schedule used covered payroll which is different than actual

payroll and therefore the contributions as a percentage of covered payroll will differ from what was actually contributed.

### Notes to Schedule

Valuation Date 7/1/2014 (to determine FY15-16 contribution)

Timing Actuarially determined contribution rates are calculated based on the actuarial valuation one year prior to the

beginning of the plan year

Key methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age

Amortization method Level percentage of payroll, closed 18 year period as of 6/30/2014

Asset valuation method 5-year smoothed market

Discount Rate 7.65% Amortization growth rate 3.15% Price inflation 3.15%

Salary Increases
3.15%, plus merit component on employee classification and years of service
Mortality
Sex Distinct RP-2000 Combined Blue Collar Mortality, 3 year setback for females

### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2016, can be found in the July 1, 2014 actuarial valuation report. The financial reporting for the ATU and IBEW Plans' was split during FY2017; no additional information will be available for the combined Plans.

### SCHEDULE OF DISTRICT CONTRIBUTIONS EMPLOYEES WHO ARE MEMBERS OF SALARIED EMPLOYEES LAST 10 FISCAL YEARS

(Dollar amounts in thousands)

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Actuarially determined contribution	\$ 9,160 \$	8,504 \$	7,669 \$	7,321 \$	7,577 \$	7,335 \$	6,609 \$	5,800 \$	4,580 \$	3,718
Contributions in relation to the actuarially determined contribution	9,160	8,504	7,669	7,321	7,577	7,335	6,609	5,800	4,580	3,718
Contribution deficiency (excess)	\$ - \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	
Covered payroll	\$ 26,295 \$	22,220 \$	24,284 \$	24,342 \$	23,022 \$	22,009 \$	19,627 \$	19,105 \$	19,466 \$	22,602
Contributions as a percentage of covered payroll	34.84%	38.27%	31.58%	30.08%	32.91%	33.33%	33.67%	30.36%	23.53%	16.45%

Note: Beginning in FYE2015, payroll amounts are based on actual total payroll of the District. In previous years the schedule used covered payroll which is different than actual payroll and therefore the contributions as a percentage of covered payroll will differ from what was actually contributed.

### Notes to Schedule

Valuation Date 7/1/2018 (to determine FY19-20 contribution)

Timing Actuarially determined contribution rates are calculated based on the actuarial valuation one year prior to the

beginning of the plan year

Key methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age

Amortization method Level percentage of payroll, closed 14 year period as of 6/30/2018

Asset valuation method 5-year smoothed market

Discount Rate 7.25%
Amortization growth rate 3.00%
Price inflation 3.00%

Salary Increases 3.00%, plus merit component on employee classification and years of service

Mortality RP 2014 w/ Scale MP-2015, base tables adjusted 130% for females

### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2020, can be found in the July 1, 2018 actuarial valuation report.

### SCHEDULE OF INVESTMENT RETURNS EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256 AND IBEW LOCAL 1245 AND SALARIED EMPLOYEES LAST 10 FISCAL YEARS (Dollar amounts in thousands)

	2020	2019	2018	2017	2016	2015	2014
Annual money-weighted rate of return, net of investment expense	1.98%	6.23%	6.93%	12.09%	-0.19%	3.25%	15.64%

Note: To achieve economies of scale, assets are combined and invested as one pool for the ATU, IBEW and Salaried Plans. Information prior to 2014 was not available.

# SUPPLEMENTAL SCHEDULES

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256 FOR THE FISCAL YEAR ENDED JUNE 30, 2020

### **Investment Expenses:**

Vendor Names	Type of Services	 Amount
Metropolitan West Asset Management, L.L.C.	Asset Management	\$ 133,203
Boston Partners Investment Management	Asset Management	113,183
Atlanta Capital Management Co.	Asset Management	92,227
Pyrford	Asset Management	88,119
AQR	Asset Management	51,642
SSgA S&P 500	Asset Management	10,054
SSgA MSCI EAFE	Asset Management	4,489
State Street Bank and Trust Company	Custodian Services	27,415
Northern Trust Company	Custodian Services	25,977
Callan Associates, Inc.	Investment Advisor	 78,808
Total		\$ 625,117

### **Administrative Expenses:**

Vendor Names	Type of Services	. <u> </u>	Amount
O TOTAL TOTA	DI 41 11 11 11	Ф	101.551
Sacramento Regional Transit District	Plan Administration	\$	101,551
Hanson Bridgett	Consulting Services		84,668
Cheiron EFI	Actuarial Services		38,158
Alliant Insurance Services, Inc.	Fiduciary Insurance		13,515
Sacramento Area Council of Governments	Audit Services		3,690
Other	Misc		2,265
Total		\$	243,847

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES EMPLOYEES WHO ARE MEMBERS OF IBEW LOCAL 1245 FOR THE FISCAL YEAR ENDED JUNE 30, 2020

### **Investment Expenses:**

Vendor Names	Type of Services	Amount		
Metropolitan West Asset Management, L.L.C.	Asset Management	\$	58,256	
Boston Partners Investment Management	Asset Management		49,500	
Atlanta Capital Management Co.	Asset Management		40,339	
Pyrford	Asset Management		38,540	
AQR	Asset Management		22,274	
SSgA S&P 500	Asset Management		4,395	
SSgA MSCI EAFE	Asset Management		1,962	
State Street Bank and Trust Company	Custodian Services		11,972	
Northern Trust Company	Custodian Services		11,354	
Callan Associates, Inc.	Investment Advisor		45,710	
Total		\$	284,302	

### **Administrative Expenses:**

Vendor Names	Type of Services		Amount	
Sacramento Regional Transit District	Plan Administration	\$	84,437	
Hanson Bridgett	Consulting Services	Ψ	84,668	
Cheiron EFI	Actuarial Services		30,320	
Alliant Insurance Services, Inc.	Fiduciary Insurance		13,515	
Sacramento Area Council of Governments	Audit Services		3,690	
Other	Misc		1,505	
Total		\$	218,135	

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES SALARIED EMPLOYEES FOR THE FISCAL YEAR ENDED JUNE 30, 2020

### **Investment Expenses:**

Vendor Names	Type of Services	 Amount
Metropolitan West Asset Management, L.L.C.	Asset Management	\$ 96,258
Boston Partners Investment Management	Asset Management	81,795
Atlanta Capital Management Co.	Asset Management	66,678
Pyrford	Asset Management	63,687
AQR	Asset Management	36,959
SSgA S&P 500	Asset Management	7,257
SSgA MSCI EAFE	Asset Management	3,241
State Street Bank and Trust Company	Custodian Services	19,775
Northern Trust Company	Custodian Services	18,669
Callan Associates, Inc.	Investment Advisor	 62,482
Total		\$ 456,801

### **Administrative Expenses:**

Vendor Names	Type of Services	Type of Services A	
Sacramento Regional Transit District	Pension Administration	\$	88,559
Hanson Bridgett	Consulting Services		84,668
Cheiron EFI	Actuarial Services		30,990
Alliant Insurance Services, Inc.	Fiduciary Insurance		13,365
Sacramento Area Council of Governments	Audit Services		3,690
CALAPRS	Dues & Training Course		3,167
Other	Miscellaneous		1,871
Total		\$	226,310



# INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

Members of the Retirement Board of Directors Sacramento Regional Transit District Sacramento, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the ATU Plan, IBEW Plan and Salaried Plan for Sacramento Regional Transit District Employees (the Plans), as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the Plans' basic financial statements as listed in the table of contents, and have issued our report thereon dated November 24, 2020.

### **Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Plans' internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Plans' internal control. Accordingly, we do not express an opinion on the effectiveness of Plans' internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether Plans' financial statements are free from material misstatement, we performed tests of their compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Crowe LLP

Crowe LLP

Sacramento, California November 24, 2020



Crowe LLP
Independent Member Crowe Global

Members of the Retirement Board of Directors Sacramento Regional Transit District Sacramento, California

Professional standards require that we communicate matters related to our audit of the financial statements of the ATU Plan, IBEW Plan, and Salaried Plan for Sacramento Regional Transit District Employees ("the Plans") that we consider significant and relevant to the responsibilities of Those Charged with Governance in overseeing the financial reporting process. Those Charged with Governance includes the person(s) with responsibility for overseeing the strategic direction of and obligations related to the accountability of the Plans. We cover such matters below.

# AUDITOR'S RESPONSIBILITY UNDER AUDITING STANDARDS GENERALLY ACCEPTED IN THE UNITED STATES OF AMERICA

You should understand that the auditor is responsible for forming and expressing an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America and that the audit of the financial statements does not relieve you of your responsibilities and does not relieve management of their responsibilities. Refer to our engagement letter with the Plans for further information on the responsibilities of management and Crowe LLP.

### PLANNED SCOPE AND TIMING OF THE AUDIT

We are to communicate an overview of the planned scope and timing of the audit. Accordingly, we communicated the following matters regarding the planned scope and timing of the audit with you.

- How we proposed to address the significant risks of material misstatement, whether due to fraud or error.
- Our approach to internal control relevant to the audit.
- The concept of materiality in planning and executing the audit, focusing on the factors considered rather than on specific thresholds or amounts.
- Where the entity has an internal audit function, the extent to which the auditor will use the work of internal audit, and how the external and internal auditors can best work together.
- Your views and knowledge about matters you consider warrant our attention during the audit, as well as your views on:
  - The allocation of responsibilities between you and management.
  - The entity's objectives and strategies, and the related business risks that may result in material misstatements.
  - Significant communications with regulators.
  - Other matters you believe are relevant to the audit of the financial statements.

# SIGNIFICANT ACCOUNTING POLICIES AND MANAGEMENT JUDGMENTS AND ACCOUNTING ESTIMATES

Significant Accounting Policies: Those Charged with Governance should be informed of the initial selection of and changes in significant accounting policies or their application. Also, Those Charged with Governance should be aware of methods used to account for significant unusual transactions and the effect of significant accounting policies in controversial or emerging areas where there is a lack of authoritative consensus. We believe management has the primary responsibility to inform Those Charged with Governance about such matters. There were no such accounting changes or significant policies requiring communication.

Management Judgments and Accounting Estimates: Further, accounting estimates are an integral part of the financial statements prepared by management and are based upon management's current judgments. These judgments are based upon knowledge and experience about past and current events and assumptions about future events. Certain estimates are particularly sensitive because of their significance and because of the possibility that future events affecting them may differ markedly from management's current judgments and may be subject to significant change in the near term.

The process used by management in formulating particularly sensitive accounting estimates and the primary basis for our conclusions regarding the reasonableness of those estimates primarily involved the following areas for this year:

Significant Accounting Estimate	Process Used by Management	Basis for Our Conclusions
Fair Values of Investments	The recording of investments at fair value requires management to use certain assumptions and estimates pertaining to the fair value of its investments.	We reviewed the reasonableness of these estimates and assumptions.
Classification of Investment Securities Within the Fair Value Hierarchy	GASB Statement No. 72, Fair Value Measurements and Application requires the reporting of by classification level within a fair value hierarchy.	We reviewed the documentation maintained by management and performed procedures to test the reasonableness of management's judgments and accounting estimates related to the classification levels of investments within the fair value hierarchy as defined by GASB 72.
Actuarial Present Value of Accumulated Plan Benefits	The actuarial present value of accumulated plan benefits is determined by the Plans' actuary and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for disability, withdrawal or retirement) between the valuation date and the expected date of payment.	We reviewed the reasonableness of the actuarial assumptions.

# AUDITOR'S JUDGMENTS ABOUT QUALITATIVE ASPECTS OF SIGNIFICANT ACCOUNTING PRACTICES

We are to discuss with you our comments about the following matters related to the Plans' accounting policies and financial statement disclosures. Accordingly, these matters will be discussed during our meeting with you, as applicable.

- The appropriateness of the accounting policies to the particular circumstances of the Plans, considering
  the need to balance the cost of providing information with the likely benefit to users of the Plans'
  financial statements.
- The overall neutrality, consistency, and clarity of the disclosures in the financial statements.
- The effect of the timing of transactions in relation to the period in which they are recorded.
- The potential effect on the financial statements of significant risks and exposures, and uncertainties that are disclosed in the financial statements.
- The extent to which the financial statements are affected by unusual transactions including nonrecurring amounts recognized during the period, and the extent to which such transactions are separately disclosed in the financial statements.
- The issues involved, and related judgments made, in formulating particularly sensitive financial statement disclosures.
- The factors affecting asset and liability carrying values, including the Plans' basis for determining useful lives assigned to tangible and intangible assets.
- The selective correction of misstatements, for example, correcting misstatements with the effect of increasing reported earnings, but not those that have the effect of decreasing reported earnings.

### CORRECTED AND UNCORRECTED MISSTATEMENTS

<u>Corrected Misstatements</u>: We are to inform you of material corrected misstatements that were brought to the attention of management as a result of our audit procedures.

There were no such misstatements.

<u>Uncorrected Misstatements:</u> We are to inform you of uncorrected misstatements that were aggregated by us during the current engagement and pertaining to the latest and prior period(s) presented that were determined by management to be immaterial, both individually and in the aggregate, to the financial statements taken as a whole. For your consideration, we have distinguished misstatements between known misstatements and likely misstatements.

There were no such misstatements.

### OTHER COMMUNICATIONS

Communication Item	Results
Other Information in Documents Containing Audited Financial Statements You often consider information prepared by management that accompanies the financial statements. To assist your consideration of this information, you should know that we are required by audit standards to read such information and consider whether such information, or the manner of its presentation, is materially inconsistent with information in the financial statements. If we consider the information materially inconsistent based on this reading, we are to seek a resolution of the matter.	We read the following items and noted no material inconsistencies or misstatement of facts in such information based on our reading thereof.

Communication Item	Results
Significant Difficulties Encountered During the Audit We are to inform you of any significant difficulties encountered in dealing with management related to the performance of the audit.	There were no significant difficulties encountered in dealing with management related to the performance of the audit.
Disagreements with Management We are to discuss with you any disagreements with management, whether or not satisfactorily resolved, about matters that individually or in the aggregate could be significant to the Plans' financial statements or the auditor's report.	During our audit, there were no such disagreements with management.
Consultations with Other Accountants If management consulted with other accountants about auditing and accounting matters, we are to inform you of such consultation, if we are aware of it, and provide our views on the significant matters that were the subject of such consultation.	We are not aware of any instances where management consulted with other accountants about auditing or accounting matters since no other accountants contacted us, which they are required to do by Statement on Auditing Standards No. 50, before they provide written or oral advice.
Representations the Auditor Is Requesting from Management We are to provide you with a copy of management's requested written representations to us.	We direct your attention to a copy of the letter of management's representation to us provided separately.
Significant Issues Discussed, or Subject to Correspondence, With Management We are to communicate with you any significant issues that were discussed or were the subject of correspondence with management.	There were no such significant issues discussed, or subject to correspondence, with management.
Significant Related Party/Party-in-Interest Findings and Issues We are to communicate to you significant findings and issues arising during the audit in connection with the Plans' related parties and parties-in-interest.	There were no such findings or issues that are, in our judgment, significant and relevant to you regarding your oversight of the financial reporting process.
Other Findings or Issues We Find Relevant or Significant We are to communicate to you other findings or issues, if any, arising from the audit that are, in our professional judgment, significant and relevant to you regarding the oversight of the financial reporting process.	There were no such other findings or issues that are, in our judgment, significant and relevant to you regarding the oversight of the financial reporting process.

We were pleased to serve the Plans as their independent auditors and look forward to our continued relationship. We provide the above information to assist you in performing your oversight responsibilities and would be pleased to discuss this letter or any matters further, should you desire. This letter is intended solely for the information and use by you and, if appropriate, management and is not intended to be and should not be used by anyone other than these specified parties.

Crowe LLP

Sacramento, California November 24, 2020



Crowe LLP
Independent Member Crowe Global

Members of the Retirement Board of Directors Sacramento Regional Transit District Sacramento, California

In planning and performing our audit of the financial statements of the ATU Plan, IBEW Plan, and Salaried plan for Sacramento Regional Transit District Employees ("the Plans") as of and for the year ended June 30, 2020, in accordance with auditing standards generally accepted in the United States of America, we considered the Plans' internal control over financial reporting ("internal control") as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Plans' internal control. Accordingly, we do not express an opinion on the effectiveness of the Plans' internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses and therefore, there can be no assurance that all deficiencies, significant deficiencies, or material weaknesses have been identified. We did not identify any deficiencies in internal control that we consider to be material weaknesses, as defined above.

This communication is intended solely for the information and use of management, members of the Retirement Board of Directors and others within the organization, and is not intended to be and should not be used by anyone other than these specified parties.

Crowe LLF

Crowe LLP

Sacramento, California November 24, 2020

# Sacramento Regional Transit District Quarterly Retirement Board Meeting (AFSCME) Wednesday, September 9, 2020 MEETING MINUTES

Agenda Item 12

### **ROLL CALL**

This meeting was held as a common meeting of the five Sacramento Regional Transit District Retirement Boards (AEA, AFSCME, ATU, IBEW, MCEG). The Common Chair presided over this Retirement Board meeting

This meeting was a teleconference as a result of the COVID-19 pandemic and in accordance with the Governor's Executive Order N-25-20.

The Retirement Board was brought to order at 9:02 a.m. A quorum was present comprised as follows: Directors Kennedy, Li, Guimond, and Thompson. Alternate Salva also was present. Alternate Jennings was absent.

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

None.

### CONSENT CALENDAR

- 4. Motion: Approving the Minutes for the June 10, 2020 Quarterly Retirement Board Meeting (AFSCME). (Weekly)
- 8. Motion: Receive and File Administrative Reports for the Quarter Ended June 30, 2020 for the Pension Plans (AEA, AFSCME, MCEG). (Adelman)
- 9. Motion: Update on Roles and Responsibilities Related to Pension Administration (ALL).

Director Kennedy moved to adopt Agenda Items 4, 8 and 9. The motion was seconded by Director Li. Agenda Items 4, 8 and 9 were carried unanimously by roll call vote; Kennedy, Li, Guimond, Thompson – Aye, Noes - None

### **NEW BUSINESS**

Due to technical difficulties that interfered with various speakers' ability to join the meeting when planned, the New Business items were heard out of order, as follows: Items 10 and 11 were introduced by SacRT Assistant Vice President Finance & Treasury Jamie Adelman; Item 13 was presented and actions were taken to adopt the 2021 meeting calendar; Item 12 was presented and actions were taken to receive and file the investment performance reports; and then Items 10 and 11 were presented and discussed in more detail.

### September 9, 2020 Meeting Minutes - Continued

10. Information: Investment Performance Review by Dimensional Fund Advisors

(DFA) for the ATU, IBEW and Salaried Employee Retirement Funds for the International Emerging Markets Asset Class for

Quarter Ended June 30, 2020 (ALL). (Adelman)

Prior to the arrival of the DFA representative at the meeting, Ms. Adelman provided a brief overview of the International Emerging Markets Asset Class performance for the Quarter, and reminded the Boards that Callan LLC (Callan) provided the Boards with a presentation on the status of the International Emerging Markets asset class, and an analysis of DFA's performance, and that Callan is continuing to monitor the manager on a quarter-by-quarter basis.

11. Information: Investment Performance Review by Boston Partners for the

ATU/IBEW and Salaried Employee Retirement Plans for the Domestic Large Cap Equity Class for the Quarter Ended June 30,

2020 (ALL). (Adelman)

Prior to the arrival of the Boston Partners representative at the meeting, Ms. Adelman told the Boards that Boston Partners has been a long-time, high-quality manager for the Pension Plans.

13. Resolution: Adopt Annual 2021 Calendar (ALL). (Weekly)

Valerie Weekly SacRT Pension & Retirement Manager presented the 2021 Retirement Board Meeting Calendar.

Director Kennedy moved to adopt Agenda Item 13. The motion was seconded by Director Li. Agenda Item 13 was carried unanimously by roll call vote; Kennedy, Li, Guimond, Thompson – Aye, Noes - None

12. Motion: Receive and File the Investment Performance Reports for the ATU,

IBEW and Salaried Employee Funds for Quarter Ended June, 2020

(ALL).

Ms. Tseng reviewed the investment report for the most recent quarter. He noted that the overall return for the quarter was 12.3%, which ranked in the top one-third for the Plans' peer group. Mr. Tseng reviewed performance of individual managers.

There were no questions from the Boards.

Director Kennedy moved to adopt Agenda Item 12. The motion was seconded by Director Li. Agenda Item 12 was carried unanimously by roll call vote; Kennedy, Li, Guimond, Thompson – Aye, Noes - None

### September 9, 2020 Meeting Minutes - Continued

10. Information: Investment Performance Review by Dimensional Fund Advisors

(DFA) for the ATU, IBEW and Salaried Employee Retirement Funds for the International Emerging Markets Asset Class for

Quarter Ended June 30, 2020 (ALL). (Adelman)

Ms. Adelman introduced Chermaine Fullinck from DFA, who provided the investment performance review for the International Emerging Markets Asset Class for the quarter ended June 30, 2020.

Mr. Tseng from Callan asked Mr. Fullinck about DFA's current stance on China. Mr. Fullinck replied that DFA had in the past imposed a 17% country cap with respect to China, but recently had lifted the cap as China has become more developed with more free-flowing capital. The rebalance will occur over time using natural cash flows so that DFA will look more like the index within six months.

SacRT VP Finance/Chief Financial Officer Brent Bernegger asked if DFA had any changes in philosophy that the Boards should be aware of. Mr. Fullinck responded that there were no changes to strategy and that DFA still believes in its valuation equation.

There were no questions from the Boards.

11. Information: Investment Performance Review by Boston Partners for the

ATU/IBEW and Salaried Employee Retirement Plans for the

Domestic Large Cap Equity Class for the Quarter Ended June 30,

2020 (ALL). (Adelman)

Ms. Adelman introduced Carolyn Margiotti of Boston Partners, who provided the investment performance review for the Domestic Large Cap Equity Class for the quarter ended June 30, 2020 and was available for questions.

In response to a question from Mr. Tseng regarding financials securities that will rebound in the near term, Ms. Margiotti noted that the portfolio has some defensive picks which help in a changing environment and holds a few banks that are good values.

Mr. Bernegger asked whether the Boards should take any action to brace for the ending of the CARES Act funding that provided mortgage relief. Mr. Tseng replied that the Plans have no exposure to private real estate.

There were no questions from the Boards.

14.Information: Real Estate Investment Transition

### **September 9, 2020 Meeting Minutes – Continued**

Ms. Adelman gave a brief update on the status of the new real estate investments and asked Mr. Tseng to provide further information. Mr. Tseng explained Callan's view that making the investment by dollar cost averaging and staggering the Boards' investment into real estate over a few quarters is a reasonable approach to completing the transition.

### REPORTS, IDEAS AND COMMUNICATIONS

Ms. Adelman advised the Boards that Ms. Weekly is leaving SacRT, and that this would be her last Retirement Board meeting. The Retirement Boards thanked Ms. Weekly for her service.

With no further business to discuss, the Retireme 10:13 a.m.	nt Board meeting was adjourned at
	Peter Guimond, Chair
ATTEST:	
Henry Li, Secretary	
Ву:	
John Gobel, Interim Assistant Secretary	



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 13

**TO:** Sacramento Regional Transit Retirement Boards – AFSCME

FROM: Jamie Adelman, AVP Finance & Treasury

SUBJ: RECEIVE AND FILE ADMINISTRATIVE REPORTS FOR THE QUARTER

ENDED SEPTEMBER 30, 2020 FOR THE SALARIED PENSION PLAN

(AFSCME). (ADELMAN)

### RECOMMENDATION

Motion to Approve.

### **RESULT OF RECOMMENDED ACTION**

Motion: Receive and File Administrative Reports for the Quarter Ended September 30, 2020 for the Salaried Pension Plan (AFSCME). (Adelman)

### **FISCAL IMPACT**

None.

### **DISCUSSION**

Table 1 below shows the employer and employee contribution rates for all of the Sacramento Regional Transit District Retirement Plans, by Plan and tier, as of the date indicated.

Table 1

# Employer Contribution Rates As of September 30, 2020\*\*\*

	ATU	IBEW	Salary	
	Contribution Rate	Contribution Rate	Contribution Rate	
Classic	28.41%	26.66%	37.03%	
Classic w/Contribution*	25.41%			
PEPRA**	21.16%	20.66%	31.28%	

<sup>\*</sup>Includes members hired during calendar year 2015, employee rate 3%

<sup>\*\*</sup>PEPRA employee rates: ATU - 7.25%, IBEW 6.0% and Salary 5.75%

<sup>\*\*\*</sup>The employer contribution rates were updated on October 1, 2020.

### **Unaudited Financial Statements**

Attached hereto are unaudited financial statements for the quarter and the year-to-date ended September 30, 2020. 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 September 30, 2020 (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 AVP of Finance and Treasury. The AVP of Finance and Treasury 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:

- 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 Salaried Plan's Schedule of Cash Activities for the three months ended September 30, 2020. 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 September 30, 2020. The District reimbursed \$201,579.59, to the

Salaried Plan 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 Salaried Plan's Asset Allocation as of September 30, 2020. This statement shows the Salaried 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 Northern Trust Company 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 Plan's unaudited Statement of Changes in Fiduciary 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 September 30, 2020 as compared to their benchmarks.

Attached hereto as Attachment 9 is a schedule reflecting employee transfers from one union/employee group to another, as well as any transfers of plan assets from the ATU Plan to the Salaried Plan, all retirements, and retiree deaths during the three months ended September 30, 2020.

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Fiduciary Net Position As of September 30, 2020

**Accrual Basis** 

	Sep 30, 20
ASSETS Current Assets Checking/Savings Long-Term Investments 100000 · Custodial Assets	105,237,042.48
Total Long-Term Investments	105,237,042.48
Total Checking/Savings	105,237,042.48
Other Current Assets 1110120 · Prepaids	8,133.75
Total Other Current Assets	8,133.75
Total Current Assets	105,245,176.23
TOTAL ASSETS	105,245,176.23
LIABILITIES & EQUITY Liabilities Current Liabilities Accounts Payable 3110102 · Administrative Expense Payable 3110110 · Other Pay - Due to RT 3110122 · MetWest 3110124 · Boston Partners 3110125 · Callan 3110128 · Atlanta Capital 3110129 · S&P Index - SSgA 3110130 · EAFE - SSgA 3110133 · Northern Trust	17,361.62 114,589.56 22,890.33 21,733.32 3,628.84 17,696.60 953.10 484.24 32,561.75 8,101.61
Total Accounts Payable	240,000.97
Total Current Liabilities	240,000.97
Total Liabilities	240,000.97
Equity 3340101 · Retained Earnings Net Income	100,552,169.05 4,453,006.21
Total Equity	105,005,175.26
TOTAL LIABILITIES & EQUITY	105,245,176.23

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position July through September 2020

**Accrual Basis** 

	Jul - Sep 20	% of Income
Income		
Interest, Dividend, & Other Inc	365,308.42	5.2%
Investment Income	4,249,521.33	60.2%
RT Required Contribution	2,339,650.45	33.2%
6630110 · Employee Contribution	102,550.63	1.5%
Total Income	7,057,030.83	100.0%
Cost of Goods Sold		
8531210 · AEA - Retirement Benefits Paid	830,218.09	11.8%
8531211 · AFSCME-Retirement Benefits Paid	676,856.14	9.6%
8531212 · MCEG - Retirement Benefits Paid	919,198.82	13.0%
8531213 · Employee Contribution Refunds	13,553.25	0.2%
8532004 · Invest Exp - MetropolitanWest	22,890.33	0.3%
8532013 · Invest Exp - Boston Partners	21,733,32	0.3%
8532020 · Invest Exp - Callan	10,884.09	0.2%
8532024 · Invest Exp - Atlanta Capital	17,696.60	0.3%
8532025 · Invest Exp - S&P Index SSgA	953.10	0.0%
8532026 · Invest Exp - EAFE SSgA	484.24	0.0%
8532027 · Invest Exp - AQR	11,365.52	0.2%
8532028 · Invest Exp - Pyrford	17,192.55	0.2%
8532029 · Invest Exp - Northern Trust	8,101.61	0.1%
Total COGS	2,551,127.66	36.2%
Gross Profit	4,505,903.17	63.8%
Expense		
8533002 · Admin Exp - Actuary	7,570.82	0.1%
8533007 · Admin Exp - CALPRS Dues/Courses	0.00	0.0%
8533010 · Admin Exp - Travel	0.00	0.0%
8533014 Admin Exp - Fiduciary Insurance	3.328.75	0.0%
8533020 Admin Exp - Procurement Costs	0.00	0.0%
8533025 Admin Exp - Information Service	250.00	0.0%
8533026 Admin Exp - Legal Services	21,372.39	0.3%
8533029 Admin Exp - Administrator	20,375.00	0.3%
8533050 Admin Exp - Misc Exp	0.00	0.0%
8533051 · Admin Exp - Audit	0.00	0.0%
Total Expense	52,896.96	0.7%
Net Income	4,453,006.21	63.1%

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position July through September 2020

**Accrual Basis** 

	Jul - Sep 20	% of Income
Income		
Interest, Dividend, & Other Inc	365,308.42	5.2%
Investment Income	4,249,521.33	60.2%
RT Required Contribution	2,339,650.45	33.2%
6630110 · Employee Contribution	102,550.63	1.5%
Total Income	7,057,030.83	100.0%
Cost of Goods Sold		
8531210 · AEA - Retirement Benefits Paid	830,218,09	11.8%
8531211 · AFSCME-Retirement Benefits Paid	676,856.14	9.6%
8531212 · MCEG - Retirement Benefits Paid	919,198.82	13.0%
8531213 · Employee Contribution Refunds	13,553.25	0.2%
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8532025 · Invest Exp - S&P Index SSgA	953.10	0.0%
8532026 Invest Exp - EAFE SSgA	484.24	0.0%
8532027 · Invest Exp - AQR	11,365.52	0.2%
8532028 Invest Exp - Pyrford	17,192.55	0.2%
8532029 Invest Exp - Northern Trust	8,101.61	0.1%
Total COGS	2,551,127.66	36.2%
Gross Profit	4,505,903.17	63.8%
Expense		
8533002 - Admin Exp - Actuary	7,570.82	0.1%
8533007 Admin Exp - CALPRS Dues/Courses	0.00	0.0%
8533010 Admin Exp - Travel	0.00	0.0%
8533014 Admin Exp - Fiduciary Insurance	3,328.75	0.0%
8533020 · Admin Exp - Procurement Costs	0.00	0.0%
8533025 - Admin Exp - Information Service	250.00	0.0%
8533026 · Admin Exp - Legal Services	21,372.39	0.3%
8533029 Admin Exp - Administrator	20,375.00	0.3%
8533050 · Admin Exp - Misc Exp	0.00	0.0%
8533051 · Admin Exp - Audit	0.00	0.0%
Total Expense	52,896.96	0.7%
Net Income	4,453,006.21	63.1%

Page 1 Attachment 3

### Sacramento Regional Transit District Retirement Fund - Salaried Schedule of Cash Activities For the Three Months Period Ended September 30, 2020

Beginning Balance:   Due (from)/to District - June 30, 2020   201,579.59   70,120.95   66,295.29   201,579.59   201,579.		July 2020	August 2020	September 2020	Quarter Totals
Monthly Activity:   Deposits   District Pension Contributions @ 31.28 to 37.03%   T97,497.51   T68,072.42   T74,080.52   2,339,650.45   T04,050.65	Beginning Balance:			<u>,                                     </u>	
Deposits District Pension Contributions @ 31.28 to 37.03%         797.497.51         768.072.42         774.080.52         2,339,650.45           Employee Pension Contributions Total Deposits         833,288.27         802,143.86         806,768.95         2,442,201.08           Expenses Payout to Retirees:         833,288.27         802,143.86         806,768.95         2,442,201.08           Expenses Payout to Retirees:         802,143.80         806,768.95         2,442,201.08           Expenses Payout to Retirees Subtotal         (276,523.34)         (277,380.35)         (276,314.40)         (830,218.09)           Employee Contribution Refunds MCEG         (203,738.03)         (224,294.83)         (228,386.22)         (676,856.14)           Payout to Retirees Subtotal         (813,077.98)         (810,691.32)         (816,057.00)         (2,439,826.30)           Fund Investment Management Expenses: Allanta Capital         (17,081.05)         (810,691.32)         (816,057.00)         (2,439,826.30)           Fund Investment Management Expenses: Allanta Capital         (17,081.05)         (81,731.27)         (11,7081.05)         (81,731.27)         (11,7081.05)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)         (82,89)	Due (from)/to District - June 30, 2020	201,579.59	70,120.95	66,295.29	201,579.59
District Pension Contributions @ 31,28 to 37,03%   797,497,51   768,072.42   774,080,52   2,339,650,45   2,342,201.08   35,790.76   34,071.44   32,688.43   102,550.63   32,402,103.86   806,768.95   2,442,201.08   2,242,201.08   2					
Employee Pension Contributions		797.497.51	768.072.42	774.080.52	2.339.650.45
Total Deposits   833,288.27   802,143.86   806,768.95   2,442,201.08		· ·		·	· ·
Payout to Retirees:					
Payout to Retirees:	Expenses				
AEA AFSCME AFSCME AFSCME AFSCME AFSCME ACCES ACC					
MCEG Employee Contribution Refunds Payout to Retirees Subtotal         (303,783.07) (8,596.48)         (309,016.14) (4,956.77)         (919,198.82) (13,555.25)           Fund Investment Management Expenses: Atlanta Capital Boston Partners         (17,081.05) (18,731.27)         -         (17,081.05) (18,731.27)         -         (17,081.05) (18,731.27)           SSQA S&P 500 Index         -         (18,731.27) (18,731.27)         -         (18,731.27) (18,731.27)           SSQA S&P 500 Index         -         (862.89) (14,403)         -         (14,403) (14,403)           Metropolitan West         -         (22,487.47) (17,255.25)         (22,487.47) (17,255.25)         (22,487.47) (17,255.25)           Fund Invest, Mgmt Exp. Subtotal         (17,081.05) (17,081.05)         (42,495.66) (42,495.66)         (7,255.25) (7,255.25)         (66,831.96)           Administrative Expenses         -         -         (21,372.39) (21,372.39)         (21,372.39) (21,372.39)         (21,372.39) (20,375.00)         (21,372.39) (20,375.00)         (21,372.39) (20,375.00)         (21,372.39) (20,375.00)         (250.00) (250.00		(276,523.34)	(277,380.35)	(276,314.40)	(830,218.09)
MCEG Employee Contribution Refunds Payout to Retirees Subtotal         (303,783.07) (81596.48)         (309,016.14) (4,956.77)         (919,198.82) (13,553.25)           Fund Investment Management Expenses: Atlanta Capital Boston Partners         (17,081.05) 	AFSCME	(224,175.09)	(224,294.83)	(228,386.22)	(676,856.14)
Employee Contribution Refunds   (8,596,48)   - (4,956,77)   (13,553,25)   Payout to Retirees Subtotal   (813,077,98)   (810,691,32)   (816,057,00)   (2,439,826,30)	MCEG		(309,016.14)	(306,399.61)	
Payout to Retirees Subtotal   (813,077,98) (810,691,32) (816,057,00) (2,439,826,30)	Employee Contribution Refunds		_		
Atlanta Capital (17,081.05) (17,081.05) Boston Partners - (18,731.27) - (18,731.27) SSgA S&P 500 Index - (862.89) - (862.89) SSgA EAFE MSCI - (414.03) - (414.03) Metropolitan West - (22,487.47) - (22,487.47) Callan - (7,255.25) (7,255.25) Tund Invest. Mgmt Exp. Subtotal (17,081.05) (42,495.66) (7,255.25) (66,831.96)  Administrative Expenses Legal Services (21,372.39) (21,372.39) Pension Administration (7,068.14) (7,579.94) (5,726.92) (20,375.00) Actuarial Services - (3,758.33) - (3,758.33) Fiduciary Insurance - (25.00) (25.00) Investigation Information Services - (25.00) (25.00) Audit Fees - (4,426.66) Administrative Exp. Subtotal (7,068.14) (11,313.27) (31,750.97) (50,132.38)  Total Expenses (837,227.17) (864,500.25) (855,063.22) (2,556,790.64)  Monthly Net Owed from/(to) District (3,938.90) (62,356.39) (48,294.27) (114,589.56)  Ending Balance:   Due (from)/to the District (=Beginning balance +			(810,691.32)		
Atlanta Capital (17,081.05) (17,081.05) Boston Partners - (18,731.27) - (18,731.27) SSgA S&P 500 Index - (862.89) - (862.89) SSgA EAFE MSCI - (414.03) - (414.03) Metropolitan West - (22,487.47) - (22,487.47) Callan - (7,255.25) (7,255.25) Tund Invest. Mgmt Exp. Subtotal (17,081.05) (42,495.66) (7,255.25) (66,831.96)  Administrative Expenses Legal Services (21,372.39) (21,372.39) Pension Administration (7,068.14) (7,579.94) (5,726.92) (20,375.00) Actuarial Services - (3,758.33) - (3,758.33) Fiduciary Insurance - (25.00) (25.00) Investigation Information Services - (25.00) (25.00) Audit Fees - (4,426.66) Administrative Exp. Subtotal (7,068.14) (11,313.27) (31,750.97) (50,132.38)  Total Expenses (837,227.17) (864,500.25) (855,063.22) (2,556,790.64)  Monthly Net Owed from/(to) District (3,938.90) (62,356.39) (48,294.27) (114,589.56)  Ending Balance:   Due (from)/to the District (=Beginning balance +	Fund Investment Management Expenses:				
Boston Partners		(17,081.05)	-	=	(17,081.05)
SSgA S&P 500 Index         -         (862.89)         -         (862.89)           SSgA EAFE MSCI         -         (414.03)         -         (414.03)           Metropolitan West         -         (22,487.47)         -         (22,487.47)           Callan         -         -         -         (7,255.25)         (7,255.25)         (7,255.25)           Fund Invest, Mgmt Exp. Subtotal         (17,081.05)         (42,495.66)         (7,255.25)         (66,831.96)           Administrative Expenses           Legal Services         -         -         (21,372.39)         (21,372.39)           Pension Administration         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Mon		· · · - /	(18,731,27)	=	
SSgA EAFE MSCI	SSaA S&P 500 Index	=	, ,	=	
Metropolitan West Callan         -         (22,487,47)         -         (22,487,47)           Callan         -         -         -         (7,255,25)         (7,255,25)           Fund Invest. Mgmt Exp. Subtotal         (17,081,05)         (42,495,66)         (7,255,25)         (66,831,96)           Administrative Expenses         -         -         (21,372,39)         (21,372,39)           Legal Services         -         -         (21,372,39)         (21,372,39)           Pension Administration         (7,068,14)         (7,579,94)         (5,726,92)         (20,375,00)           Actuarial Services         -         (3,758,33)         -         (3,758,33)           Fiduciary Insurance         -         25,00		_	,	_	
Callan         -         -         (7,255.25)         (7,255.25)           Fund Invest. Mgmt Exp. Subtotal         (17,081.05)         (42,495.66)         (7,255.25)         (66,831.96)           Administrative Expenses           Legal Services         -         -         (21,372.39)         (21,372.39)           Pension Administration         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)		_		_	
Fund Invest. Mgmt Exp. Subtotal         (17,081.05)         (42,495.66)         (7,255.25)         (66,831.96)           Administrative Expenses         Legal Services         -         -         (21,372.39)         (21,372.39)           Legal Services         -         -         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)		_	-	(7.255.25)	
Legal Services         -         -         (21,372.39)         (21,372.39)           Pension Administration         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)           Ending Balance:           Due (from)/to the District         (=Beginning balance +         -         -         -         -         -         -         -         -         -         -         -         -         -         -		(17,081.05)	(42,495.66)		
Legal Services         -         -         (21,372.39)         (21,372.39)           Pension Administration         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)           Ending Balance:           Due (from)/to the District         (=Beginning balance +         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Administrative Expenses				
Pension Administration         (7,068.14)         (7,579.94)         (5,726.92)         (20,375.00)           Actuarial Services         -         (3,758.33)         -         (3,758.33)           Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)           Ending Balance:           Due (from)/to the District         (=Beginning balance +         -         -         -         -	•	_	_	(21.372.39)	(21.372.39)
Actuarial Services       -       (3,758.33)       -       (3,758.33)         Fiduciary Insurance       -       25.00       25.00       50.00         Investigation Information Services       -       -       (250.00)       (250.00)         Audit Fees       -       -       (4,426.66)       (4,426.66)         Administrative Exp. Subtotal       (7,068.14)       (11,313.27)       (31,750.97)       (50,132.38)         Total Expenses       (837,227.17)       (864,500.25)       (855,063.22)       (2,556,790.64)         Monthly Net Owed from/(to) District       (3,938.90)       (62,356.39)       (48,294.27)       (114,589.56)         Payment from/(to) the District       (135,397.54)       (66,182.05)       -       (201,579.59)         Ending Balance:         Due (from)/to the District       (=Beginning balance +	3	(7.068.14)	(7.579.94)		
Fiduciary Insurance         -         25.00         25.00         50.00           Investigation Information Services         -         -         (250.00)         (250.00)           Audit Fees         -         -         (4,426.66)         (4,426.66)           Administrative Exp. Subtotal         (7,068.14)         (11,313.27)         (31,750.97)         (50,132.38)           Total Expenses         (837,227.17)         (864,500.25)         (855,063.22)         (2,556,790.64)           Monthly Net Owed from/(to) District         (3,938.90)         (62,356.39)         (48,294.27)         (114,589.56)           Payment from/(to) the District         (135,397.54)         (66,182.05)         -         (201,579.59)           Ending Balance:           Due (from)/to the District         (=Beginning balance +         -         -         -         -		_	, ,	- -	
Investigation Information Services		_		25.00	, ,
Audit Fees	· · · · · · · · · · · · · · · · · · ·	_	-		
Administrative Exp. Subtotal (7,068.14) (11,313.27) (31,750.97) (50,132.38)  Total Expenses (837,227.17) (864,500.25) (855,063.22) (2,556,790.64)  Monthly Net Owed from/(to) District (3,938.90) (62,356.39) (48,294.27) (114,589.56)  Payment from/(to) the District (135,397.54) (66,182.05) - (201,579.59)  Ending Balance:  Due (from)/to the District (=Beginning balance +	<u> </u>	_	_	` ,	,
Monthly Net Owed from/(to) District (3,938.90) (62,356.39) (48,294.27) (114,589.56)  Payment from/(to) the District (135,397.54) (66,182.05) - (201,579.59)  Ending Balance:  Due (from)/to the District (=Beginning balance +		(7,068.14)	(11,313.27)		
Payment from/(to) the District (135,397.54) (66,182.05) - (201,579.59)  Ending Balance:  Due (from)/to the District (=Beginning balance +	Total Expenses	(837,227.17)	(864,500.25)	(855,063.22)	(2,556,790.64)
Ending Balance:  Due (from)/to the District (=Beginning balance +	Monthly Net Owed from/(to) District	(3,938.90)	(62,356.39)	(48,294.27)	(114,589.56)
Due (from)/to the District (=Beginning balance +	Payment from/(to) the District	(135,397.54)	(66,182.05)	<u>-</u>	(201,579.59)
	Ending Balance:				
monthly balance-payment to District) 70,120.95 66,295.29 114,589.56 114,589.56	Due (from)/to the District (=Beginning balance +				
	monthly balance-payment to District)	70,120.95	66,295.29	114,589.56	114,589.56

# RT Combined Pension Plans - ATU, IBEW and Salaried Asset Allocation \* As of September 30, 2020

Asset Class	Net Asset Market Value 9/30/2020	Actual Asset Allocation	Target Asset Allocation	% Variance	\$ Variance	Target Market Value
FUND MANAGERS:						
Domestic Equity:						
Large Cap Value - Boston Partners - Z8	\$ 49,923,290	16.01%	16.00%	0.01% \$	43,000	
Large Cap Growth - SSgA S&P 500 Index - XH	56,113,451	18.00%	16.00%	2.00%	6,233,161	
Total Large Cap Domestic Equity	106,036,741	34.01%	32.00%	2.01%	6,276,162	\$ 99,760,579
Small Cap - Atlanta Capital - XB	26,212,175	8.41%	8.00%	0.41%	1,272,030	24,940,145
International Equity: Large Cap Growth:						
Pyrford - ZD	29,201,587	9.37%	9.50%	-0.13%	(414,835)	
Large Cap Core: SSgA MSCI EAFE - XG	14,332,512	4.60%				
Total Core	14,332,512	4.60%	4.50%	0.10%	303,680	
Small Cap:						
AQR - ZB	16,675,477	5.35%	5.00%	0.35%	1,087,886	
Emerging Markets DFA - ZA	20,660,929	6.63%	6.00%	0.63%	1,955,821	
Total International Equity	80,870,505	25.94%	25.00%	0.94%	2,932,553	77,937,953
Fixed Income:						
Met West - XD	98,632,389	31.64%	35.00%	-3.36%	(10,480,744)	109,113,134
Total Combined Net Asset	\$ 311,751,811	100.00%	100.00%	0.00% \$	1.00	\$ 311,751,811

Asset Allocation Policy Ranges*:	Minimum	Target	Maximum
Domestic Equity	35%	40%	45%
Large Cap (50/50 value/growth)	28%	32%	36%
Small Cap	5%	8%	11%
International Equity	20%	25%	30%
Large Cap Developed Markets	10%	14%	18%
Small Cap Developed Markets	3%	5%	7%
Emerging Markets	4%	6%	8%
Domestic Fixed Income	30%	35%	40%

<sup>\*</sup> Per the Statement of Investment Objectives and Policy Guidelines as of 6/20/2018.

Note: At the 6/10/20 Quarterly Retirement Board meeting a revision to the Investment Objectives and Policy Guidelines to add Real Estate to the portfolio was approved. However, this table has not been updated as the transition into Real Estate has not yet been completed

### Reconciliation between Callan Report and Consolidated Pension Fund Balance Sheet As of September 30, 2020

### Per Both Pension Fund Balance Sheets:

ATU Allocated Custodial Assets 143,452,266.45
IBEW Allocated Custodial Assets 63,062,501.65
Salaried Allocated Custodial Assets 105,237,042.48

Total Consolidated Net Asset 311,751,811

Per Callan Report:

Total Investments 311,751,778

Net Difference 33 \*

### Reconciliation between Callan Report and Consolidated Pension Fund Income Statement For the Quarter Ended September 30, 2020

### Per Both Pension Fund Income Statements:

482,786
5,435,527
210,204
2,422,071
353,943
4,249,521
13,154,053

### Per Callan Report:

Investment Returns 13,154,054

Net Difference (1) \*

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

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

### Reconciliation between Callan Report and Consolidated Schedule of Cash Activities For the Quarter Ended September 30, 2020

	July	August	September	Total
Payments from/(to) the District			-	
S&P 500 Index - ATU	(483,022)	(363,344)	-	(846,366)
S&P 500 Index - IBEW	(179,172)	(117,662)	-	(296,834)
S&P 500 Index - Salaried	(135,398)	(66, 182)	-	(201,580)
Total Payments from/(to) the District	(797,592)	(547,188)		(1,344,780)
Transfers In/(Out) of Investment Funds				
S&P 500 Index	(797,592)	(547,188)	-	(1,344,780)
Total Transfers In/(Out) of Investment Funds	(797,592)	(547,188)	-	(1,344,780)
Variance between Payments and Transfers			-	
Per Callan Report:				
Net New Investment/(Withdrawals)				(1,344,790)
Net Difference				10

		Schedule of Cash a			
	4Q19	1Q20	2Q20	3Q20	Total
Payments from/(to) the District					
Boston Partners - ATU	-	=	2,634,882	=	2,634,882
Boston Partners - IBEW	-	=	1,191,891	=	1,191,891
Boston Partners - Salaried	-	=	2,023,227	=	2,023,227
S&P 500 Index - ATU	(275,649)	(454,463)	=	(846,366)	(1,576,478)
S&P 500 Index - IBEW	(80,610)	(105,612)	=	(296,834)	(483,056)
S&P 500 Index - Salaried	(108,983)	(6,994)	=	(201,580)	(317,557)
Atlanta Capital - ATU	-	-	257,882	=	257,882
Atlanta Capital - IBEW	-	-	117,495	=	117,495
Atlanta Capital - Salaried	-	-	224,623	=	224,623
Pyrford - ATU	-	-	602,947	=	602,947
Pyrford - IBEW	-	=	248,856	=	248,856
Pyrford - Salaried	-	-	348,197	=	348,197
EAFE - ATU	-	-	1,279,430	=	1,279,430
EAFE - IBEW	-	-	527,759	=	527,759
EAFE - Salaried	-	-	792,811	=	792,811
AQR - ATU	-	-	1,420,595	=	1,420,595
AQR - IBEW	-	-	612,722	=	612,722
AQR - Salaried	-	-	1,016,683	=	1,016,683
DFA - ATU	-	-	1,553,552	=	1,553,552
DFA - IBEW	-	-	648,880	=	648,880
DFA - Salaried	-	-	1,397,568	=	1,397,568
Metropolitan West - ATU	(624,602)	=	(8,706,691)	=	(9,331,294)
Metropolitan West - IBEW	(199,847)	=	(3,618,885)	=	(3,818,732)
Metropolitan West - Salaried	(189,348)	<u> </u>	(5,791,602)	<u> </u>	(5,980,950)
Total Payments from/(to) the District	(1,479,039)	(567,069)	(1,217,178)	(1,344,780)	(4,608,066)

### Sacramento Regional Transit District ATU, IBEW and Salaried Retirement Plans Schedule of Fund Investment Returns and Expenses 09/30/20

	1 Year   %	o l	Net of Fees Returns	1 Year Bench- Mark Returns	Favorable/ (Unfavor) Basis Pts	3 Years %	Net of Fees Returns	3 Years Bench- Mark Returns	Favorable/ (Unfavor) Basis Pts
Boston Partners Investment Returns Investment Expense Net Gain/(Loss)	(245,583) -8	.00% .36% .36%	-7.09%	-5.03%	(206.00)	2,696,467 100.00% (741,658) 27.50% 1,954,809 72.50%	1.23%	2.63%	(140.00)
S&P 500 Investment Returns Investment Expense Net Gain/(Loss)	(18,222)	.00% .24% .76%	15.07%	15.15%	(8.00)	17,416,456 100.00% (66,337) 0.38% 17,350,119 99.62%	12.22%	12.28%	(6.00)
Atlanta Capital Investment Returns Investment Expense Net Gain/(Loss)	(199,370) -37	.00% .11% <u>.11%</u>	-2.99%	0.39%	(338.00)	6,267,937 100.00% (600,507) 9.58% 5,667,430 90.42%	7.68%	1.77%	591.00
Pyrford Investment Returns Investment Expense Net Gain/(Loss)	(194,191) 42	.00% .85% <u>.15%</u>	0.71%	0.49%	22.00	1,688,826 100.00% (562,020) 33.28% 1,126,806 66.72%	1.31%	0.62%	N/A
EAFE Investment Returns Investment Expense Net Gain/(Loss)	(8,334) 1	.00% .87% .13%	0.81%	0.49%	32.00	675,013 100.00% (30,667) 4.54% 644,346 95.46%	0.90%	0.62%	28.00
Brandes Investment Returns Investment Expense Net Gain/(Loss)	- 0	.00% .00% .00%	N/A	N/A	N/A	(2,991) 100.00% - 0.00% (2,991) 100.00%	N/A	N/A	N/A
AQR Investment Returns Investment Expense Net Gain/(Loss)	(117,482) 14	.00% .29% <u>.71%</u>	3.90%	6.84%	(294.00)	(602,267) 100.00% (374,800) -62.23% (977,067) 162.23%	-2.28%	1.40%	(368.00)
DFA Investment Returns Investment Expense Net Gain/(Loss)	(112,665) 8	.00% .72% .28%	3.81%	10.54%	(673.00)	602,174 100.00% (333,924) 55.45% 268,250 44.55%	-0.18%	2.42%	(260.00)
Metropolitan West Investment Returns Investment Expense Net Gain/(Loss)	(281,880) 3	.00% .54% .46%	7.59%	6.98%	61.00	19,254,745 100.00% (837,148) 4.35% 18,417,597 95.65%	6.05%	5.24%	81.00
Total Fund Investment Returns Investment Expense Net Gain/(Loss)	(1,177,728) 7	.00% .81% .19%	4.86%	9.03%	(417.00)	47,996,360 100.00% (3,547,061) 7.39% 44,449,299 92.61%	5.33%	6.60%	(127.00)

# Sacramento Regional Transit District, Retirements and Deaths For the Time Period: July 1, 2020 - September 30, 2020

### Retirement

Emp#	<b>Previous Position</b>	<b>Pension Group</b>	<b>Retirement Date</b>
2855	Administrative Assistant	ATU	07/01/2020
742	Bus Operator	ATU	07/01/2020
2660	Bus Operator	ATU	07/01/2020
3624	Director Accessible Services	ATU	07/01/2020
1733	Transporation Supervisor	ATU	07/01/2020
1678	ATU Clerk	AFSCME	07/02/2020
2387	Light Rail Operator	ATU	07/02/2020
2207	Light Rail Maintenance	IBEW	08/01/2020
2690	Cust Service	ATU	08/01/2020
4816	Survivor	AEA	08/01/2020
893	Light Rail Operator	MCEG	08/05/2020
1653	ATU Clerk	AFSCME	08/18/2020
2110	LR Maintenance	IBEW	09/01/2020
2707	LR Maintenance	AFSCME	09/01/2020
1485	Light Rail Supervisor	ATU	09/01/2020
596	Bus Operator	ATU	09/04/2020
4844	Survivor	ATU	09/09/2020

### **Deaths**

Emp#	Pension Group	Type	Date of Death
382	ATU	Life Alone	07/04/2020
718	ATU	Life Alone	07/13/2020
1535	AEA	50% J&S	07/21/2020
385	ATU	Life Alone	08/24/2020
392	ATU	100% J&S	09/08/2020
1073	ATU	Life Alone	09/14/2020

### **Transfers**

None



## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 14

**TO:** Sacramento Regional Transit Retirement Board – AFSCME

FROM: Jamie Adelman, AVP Finance & Treasury

SUBJ: RATIFICATION AND ACCEPTANCE OF REVISED ACTUARIALLY

DETERMINDED CONTRIBUTIONS FOR FISCAL YEAR 2021

### **RECOMMENDATION**

Adopt the attached Resolution.

### **RESULT OF RECOMMENDED ACTION**

Adoption of the attached resolution will ratify and approve a revised methodology of calculating the employer portion of Actuarially Determined Contribution (ADC) rates applied to pensionable wages in Fiscal Year 2021 (FY21).

### FISCAL IMPACT

Changing the methodology used in applying ADC rates to pensionable wages will increase contributions by the Sacramento Regional Transit District (Sac RT) to the Pension Plans starting in FY 2021. ADC contributions by Sac RT to the Plans will increase by a total of \$840,714 in the first year, comprised of contributions to each Plan as follows:

ATU - \$357,171

IBEW - \$286,822

Salary - \$196,721

### DISCUSSION

Each year, the Pension Plans' actuary presents the Retirement Boards with actuarial valuations of the assets and liabilities of each of the three Retirement Plans. Based on that information, the Retirement Boards approve the ADC rates that are required to fund the Plans during the following fiscal year according to actuarial principles, and to present items required for disclosure under Statement No. 67 of the Governmental Accounting Standards Board (GASB).

Staff notified the Retirement Boards in October, 2020 of a planned change in the methodology used in setting the ADC rates based on new information provided by the Plans' actuary. By adopting the attached Resolution, the Board will formally ratify and accept a revised methodology for setting the ADC, beginning with FY21. The original ADC for FY21 was established at the March 11, 2020 quarterly meeting of the Retirement Boards.

### **Summary of Proposed Change:**

Prior to implementation of the Public Employees' Pension Reform Act of 2013 (PEPRA), the Plans' actuary included one ADC rate in the actuarial valuation for each Plan. However, under PEPRA, certain employees are required to make employee contributions to the Plans. Accordingly, the Plans' actuarial valuations have changed post-PEPRA to include ADC rates based on two methods: 1) using a blended rate that is applied to all members in the subject Plan, and 2) using two discrete rates, including one rate for "Classic Members" (employees and retirees hired before PEPRA took effect and, therefore, not legally required to contribute to the Plans), and a second rate for "PEPRA Members" (those hired after PEPRA and therefore required to make employee pension contributions (EE contribution).

### The discrete rates are:

Tier 1: Classic Members = pensionable wages x Classic ADC rate

Tier 2: PEPRA Members = (pensionable wages x PEPRA ADC rate) less EE contribution

Tier 3: ATU 2015 Hires = (pensionable wages x Classic ADC rate) less EE contribution

In the years since the Plans' actuarial valuations started to include two ADC rates, SacRT has applied the blended ADC rate for purposes of making employer contributions, rather than using the discrete rates.

Based on information reviewed during the preparation of the Fiscal Year 2019-20 GASB reports, the Plans' actuary advised Staff that SacRT should not have used the blended rates minus the EE contributions, as doing so had the effect of reducing rates that had already been offset by the expected EE contributions for Tiers 2 and 3. Instead, the full blended ADC rates (i.e., without subtracting the EE contribution) should have been applied to pensionable wages for all Tiers, or the discrete rates for each employee group could have been applied.

The Plans' actuary has advised that applying the blended contribution method to determine SacRT's contributions resulted in an immaterial under-contribution, the effects

of which already have been properly accounted for during the annual actuarial valuation preparation and calculation of each subsequent year's ADC rate. As a result, the Plans' actuary has advised that there is no need for a one-time payment to correct the undercontribution.

### **External auditor's opinion:**

Since being informed of this issue, Staff also reviewed the matter with the Plans' independent auditors from the firm of Crowe LLP, who advised they have no concerns regarding the prior application with respect to past years' financial reporting, given that the ADC rates were applied consistently and SacRT has always contributed at the rates approved by the Retirement Boards.

### **Implementation of Discrete ADC Rates:**

Based on the advice of the Plans' actuary, beginning as of October 1, 2020, staff has updated SAP and applied the more-precise, discrete ADC rates for each employee group, as follows:

	ATU	IBEW	AFSCME	AEA	MCEG	
Rates Applied 7/2020-9/2020						
Tier 1	28.41%	26.66%	37.03%	37.03%	37.03%	
Tier 2	21.16%	20.66%	31.28%	31.28%	31.28%	
Tier 3	25.41%	-	-	-	-	
Updated Rates as of 10/1/2020						
Tier 1	30.74%	29.22%	38.93%	38.93%	38.93%	
Tier 2	21.35%	21.32%	28.89%	28.89%	28.89%	
Tier 3	30.74%	-	-	-	-	

Staff performed a retroactive manual entry to cover the time period July 1, 2020 through September 30, 2020. This entry was completed so that the ADC's are applied consistently for the entire fiscal year.



Ву:

John Gobel, Assistant Secretary

# RETIREMENT BOARD STAFF REPORT



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 15

**TO:** Sacramento Regional Transit Retirement Board – AFSCME

**FROM:** John Gobel, Manager, Pension and Retirement Services

**SUBJ:** Amend the Agreement with Cheiron, Inc. for Actuarial Services to Exercise

a One-Year Option

### **RECOMMENDATION**

Adopt the attached Resolution(s)

### **RESULT OF RECOMMENDED ACTION**

Exercise of a one-year option, as contemplated and permitted under the Retirement Boards' current five-year contract with Cheiron, Inc., and authorize execution of a related contract amendment.

### FISCAL IMPACT

Exercising the first of two one-year options to extend the actuarial services contact with Cheiron, Inc. to include an additional one-year option term will allow the Retirement Boards to preserve the quality of service and institutional knowledge provided by our current actuary at a cost not to exceed \$100,000. Based on the fee schedule and participant projections presented in Cheiron's response to the Retirement Boards' Request for Proposal nearly five years ago, charges are expected to be similar to those incurred during the fifth year of service.

### **DISCUSSION**

Cheiron provides actuarial and pension administration services to the Retirement Boards under a five-year agreement, which is set to expire with the fiscal year ending June 30, 2021. The agreement provides the Retirement Boards the right to exercise up to two one-year option terms at previously determined rates by executing an amendment to the contract. The Retirement Boards must provide Cheiron with written notice of their intent to exercise this option no later than 60 calendar days prior to the end of the initial five-year contract term.



#### RETIREMENT BOARD STAFF REPORT

To facilitate continued work on several ongoing and upcoming projects, Staff recommends that the Retirement Boards (1) approve an amendment to the agreement between the Retirement Boards and Cheiron to exercise the first one-year option term set forth therein, and (2) authorize the Sacramento Regional Transit District's General Manager/CEO to execute the amendment and take any other actions necessary to give effect to this action.

#### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD RESOLUTION

Agenda Item: 15

Adopted by the Board of Directors for the Retirement Plan for the Sacramento Regional Transit District Employees who are Members of **AFSCME** on this date:

#### March 10, 2021

### Amend the Agreement with Cheiron, Inc. for Actuarial Services to Exercise a One-Year Option

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE RETIREMENT BOARD OF DIRECTORS OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT FOR EMPLOYEES WHO ARE MEMBERS OF **AFSCME** AS FOLLOWS:

THAT, the Board of Directors of the Retirement Plan for Sacramento Regional Transit District Employees who are Members of the AFSCME (Retirement Board) hereby authorizes amendment of its July 1, 2016 agreement with Cheiron, Inc. for actuarial services to exercise a one-year option term, at the prices set forth therein, subject to a maximum not-to-exceed cost of \$100,000.

THAT, the Retirement Board hereby authorizes the General Manager/CEO of the Sacramento Regional Transit District to execute said Amendment, subject to Legal Counsel's review and approval, and to take other actions that may be necessary to give effect to this resolution.

	PETER GUIMOND, Chair
ATTEST:	
Henry Li, Secretary	
Ву:	
John Gobel, Assistant Secretary	_



#### RETIREMENT BOARD STAFF REPORT

DATE: March 31, 2021 Agenda Item: 16

**TO:** Sacramento Regional Transit Retirement Boards – AFSCME

FROM: Jamie Adelman, AVP Finance & Treasury

SUBJ: Investment Performance Review of the S&P 500 Index and MSCI EAFE

Funds by State Street Global Advisors (SSgA) for the ATU, IBEW and Salaried Employee Retirement Funds for the Quarter Ended September 30,

2020 (AFSCME). (Adelman)

#### **RECOMMENDATION**

No Recommendation – For Information Only.

#### RESULT OF 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). Under the Policy, the Boards meet at least once every eighteen (18) months with each investment manager to review the performance of the manager's investment, the manager's adherence to the Policy, and any material changes to the manager's 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, (6) Domestic Fixed-Income, and (7) Real Estate.

SSgA is the fund manager for the Retirement Boards' Domestic Large Capitalization Equity S&P 500 Index Fund, as well as the Retirement Boards' International Large Capitalization Equity MSCI EAFE Index Fund. SSgA will be presenting performance results, for both funds, for the quarter ended September 30, 2020, shown on Attachment 1, and answering any questions.

# Sacramento Regional Transit District

**December 9, 2020** 

For Investment Professional Use Only.

This material is solely for the private use of Sacramento Regional Transit District.

The information contained in this document is current as of the date presented unless otherwise noted.

## **Table of Contents**

- 1. State Street Global Advisors Reinventing Investing
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- 3. Equity Indexing at State Street Global Advisors
- 4. Portfolio Review for MSCI EAFE® Index Strategy
- 5. Portfolio Review for S&P 500® Index Strategy

#### Appendices:

- A. GIPS Presentation
- B. Important Disclosures
- C. Biography

# State Street Global Advisors Reinventing Investing

Third Quarter - 2020

## **About State Street Global Advisors**

\$3.15

Trillion in Assets<sup>1</sup>

2400+

Clients<sup>2</sup>

21

Million DC Participants<sup>3</sup>

64

Countries with Clients<sup>2</sup>

10

Investment Centers<sup>4</sup>

24-hour

Global Trading Capability<sup>5</sup>

<sup>&</sup>lt;sup>1</sup> This figure is presented as of September 30, 2020 and includes approximately \$80.51 billion USD of assets with respect to SPDR products for which State Street Global Advisors Funds Distributors, LLC (SSGA FD) acts solely as the marketing agent. SSGA FD and State Street Global Advisors are affiliated.

<sup>&</sup>lt;sup>2</sup> As of September 30, 2020

<sup>&</sup>lt;sup>3</sup> As of December 31, 2019

<sup>&</sup>lt;sup>4</sup> As of September 30, 2020

<sup>&</sup>lt;sup>5</sup> During regional market hours

## **Mission**

To invest responsibly to enable economic prosperity and social progress.

# A Leading Partner to Institutions and Intermediaries

#1

government retirement plan provider globally

sovereign wealth fund asset manager

US endowment & foundation asset manager

#2

US Defined Benefit provider

US Defined Contribution Investment Only (DCIO) manager #3

largest asset manager

largest ETF provider

largest index manager (excluding ETFs)

central bank asset manager

**Top 10** 

Institutional Money Market provider

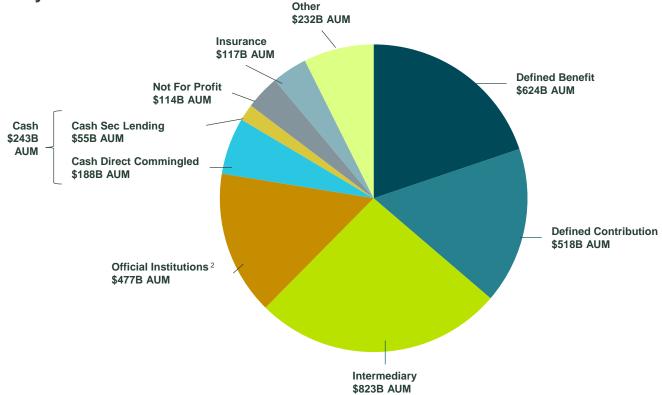
Outsourced Chief Investment Officer (OCIO) services

ETF Model Portfolio manager

Source: P&I Research Center as of 12/31/2019, iMoneyNet (Institutional Money Market Provider) as of 12/31/2019 and Morningstar (ETF Model Portfolio Manager) as of 12/31/2018. These figures are updated on an annual basis.

# US \$3.15 Trillion in Assets Under Management<sup>1</sup>

Clients by AUM



<sup>1</sup>This figure is presented as of September 30, 2020 and includes approximately \$80.51 billion USD of assets with respect to SPDR products for which State Street Global Advisors Funds Distributors, LLC (SSGA FD) acts solely as the marketing agent. SSGA FD and State Street Global Advisors are affiliated.

<sup>2</sup>Official Institutions is a client type that includes all plan type assets including DB and DC.

## **Guiding Principles**

Since 1978 we've had a drive to always reinvent the way we invest for our clients.

## Start with Rigor

Our more than 500 investment professionals worldwide take a highly risk-aware approach to all investing challenges.

## **Build from Breadth**

We build from a universe of active and index strategies to create cost effective solutions.

## Invest as Stewards

We help our portfolio companies understand that what's fair for people and sustainable for the planet can deliver long-term performance.

## Invent the Future

We created the first US ETF and we're pioneers in index, active, and ESG investing.

## Our Active and Index Capabilities Cover the Risk/Reward Spectrum

**Equity** 

\$1.96T

Active

Quantitative Fundamental

**Smart Beta** 

Index

Fixed Income & Cash<sup>1</sup>

\$830B

Active

Smart Beta

Index

Cash Management

**Multi-Asset** 

\$166B

Strategic & Tactical Asset Allocation

Outcome Oriented
Target Date Funds
Real Assets
Inflation Protection
Absolute Return

**Exposure Management** 

**Model Portfolios** 

Alternatives<sup>2</sup>

\$194B

Hedge Funds

**Private Equity** 

Private & Public Real Estate

Currency

Commodities

Real Assets

**Environmental, Social & Governance** 

**Defined Benefit / Defined Contribution Solutions** 

**Global Fiduciary Solutions** 

**Alternatives Program Management** 

Figures are in USD dollars; Period end as of September 30, 2020

Cash includes both floating- and constant-net-asset-value portfolios held in commingled structures or separate accounts. Alternatives Includes real estate investment trusts, currency and commodities, including gold-backed ETFs for which SSGA only serves as marketing agent.

## **Investment Philosophy**

Understanding
<b>Multiple Dimensions</b>

Creating successful investment outcomes starts with understanding the multiple dimensions of a client's long-term objectives and liabilities.

## **Knowing Markets are Not Always Efficient**

Due to behavioral biases, informational inefficiencies and limits to arbitrage, markets are not always efficient, leading to opportunities for excess returns.

#### Focusing on Asset Allocation

The primary driver of long-term returns is asset allocation.

Investors need efficient access to a broad universe of capital market exposure.

Focus should be on underlying risks, not asset class labels.

## **Achieving Capital- & Risk-Efficient Portfolios**

A thoughtful and precise combination of market-, factor- and idiosyncratic-risk, along with manager skill, are key to achieving capital-, and risk-efficient portfolios.

# What Keeps Clients Awake at Night? Investor Challenges and Needs

T	he	Relay
R	ec	overy

Effectiveness of fiscal and monetary interventions; need for improved coordination

Progress toward a medical resolution of the COVID-19 crisis

#### Portfolio Resiliency

Achieving required return and risk outcomes in a persistently low-yield environment

Renewed appreciation for risk awareness and capital efficiency

## Preparing for recovery

Considering upside as well as downside risks

Assessing value opportunities as information improves

Looking ahead to a potential bear market in the US dollar

## Longer-term consequences

Potential for changed political landscape

Addressing vulnerabilities (e.g., supply chain, health care systems)

Potential for slowing trade globalization

#### **ESG**

Pandemic's impact on employees and other stakeholders

Climate change and its consequences

Racial justice Demand true alpha

## **Business Leadership Team**

#### Cyrus Taraporevala, President & CEO

**Chris Baker** 

Chief Compliance Officer

**Marc Brown** 

Chief Administrative Officer

**Tim Corbett** 

Chief Risk Officer

**Cuan Coulter** 

Head of Europe, Middle East & Africa

**Lochiel Crafter** 

Head of Global Institutional Group

**Kem Danner** 

Head of Human Resources

Marie-Anne Heeren

Head of European Institutional Distribution

Susan Lasota

Chief Technology Officer and Head of Transformation

**Steven Lipiner** 

Chief Financial Officer

James MacNevin

Head of Asia Pacific

**Kate McKinley** 

General Counsel

Barry F.X. Smith

Chief Operating Officer, Global Institutional Group

**Kat Sweeney** 

Head of Institutional, Americas

**Sue Thompson** 

Head of SPDR® ETFs Americas Distribution

Stephen Tisdalle

Chief Marketing Officer

**Rory Tobin** 

Head of Global SPDR® ETFs

As of September 30, 2020

## **Global Investment Team**

Cyrus Taraporevala, President & CEO

Rick Lacaille, Global CIO

Lynn Blake

CIO, Global Equity Beta Solutions

Olivia Engel Greg Hartch

CIO, Active Quantitative Equities

**Dan Farley**CIO, Investment Solutions Group

Lori Heinel

**Barry Glavin** 

CIO, Fundamental Value Equities

Head of Private Investments

Deputy Global CIO

Michael Solecki

CIO, Fundamental Growth & Core Equity

**Matthew Steinaway** 

CIO, Global Fixed Income, Currency & Cash

**Dave Wiederecht** 

Global Head of Global Fiduciary Solutions

## **Governance Structure**

#### **Executive Management Group (EMG)**

Consultative and decision-making body responsible for strategic planning, business goal and financial tracking, overall firm governance and talent management



#### Risk Committee

Responsible for ensuring the alignment of strategy, risk appetite and risk management standards (corporate-wide)

#### Subcommittees:

- EMEA Risk
- Liquidity
- Model Risk

Reporting

Escalation of Material Risk Breaches

## Global Investment Committee

Responsible for the firm's investment philosophy and processes, investment strategies, approach to new markets and instruments and relationships with counterparties

#### Subcommittees:

- Technical
- · Proxy Review
- · Trade Management Oversight
- · Investment Strategy Review
- · Securities Lending
- Indices Oversight

## Global Product Committee

Responsible for the creation of products based on the firm's investment strategies

#### Subcommittees:

- · North America Product
- EMEA Product
- APAC Product
- · Sub-Advisory Oversight

## Global Fiduciary & Conduct Committee

Responsible for addressing fiduciary and business conduct matters across the firm and oversight of the firm's collective investment funds

#### Subcommittees:

- EMEA Fiduciary
- APAC Fiduciary
- Independent Fiduciary
- · Class Action Litigation
- Sales Practices

## **Global Operations & Compliance Committee**

Responsible for the firm's operating infrastructure compliance functions

#### Subcommittees:

- North American Valuation
  - · Alternatives Valuation
- EMEA Valuation
- APAC Valuation
- Global Operational Risk
- EMEA
- APAC
- Business Technology Investment

As of September 30, 2020

## **Account Summary**

## **Sacramento Regional Transit District**

#### **Investment Summary**

As of September 30, 2020

	Market Value (\$)
State Street MSCI EAFE Index NL Fund	14,332,508
State Street S&P 500 Flagship NL Fund	56,113,402
Total	70,445,910

#### **Statement of Asset Changes**

The following changes took place in Retirement Plan for Sacramento Regional Transit District Employees account for the period of July 1, 2012 to September 30, 2020:

	Starting Balance 07/01/2012 (\$)		Withdrawals (\$)	Appreciation/ (Depreciation)* (\$)	
State Street MSCI EAFE Index NL Fund	14,349,389	5,109,036	(12,201,601)	7,075,684	14,332,508
State Street S&P 500 Flagship NL Fund	33,674,254	1,807,292	(25,418,432)	46,050,288	56,113,402
Total	48,023,643	6,916,328	(37,620,033)	53,125,972	70,445,910

Source: SSGA. \* Includes dividends, interest and realized/unrealized gains and losses.

## **Sacramento Regional Transit District**

#### **Summary of Performance**

Following are the gross and net returns for the Retirement Plan for Sacramento Regional Transit District Employees portfolios versus the corresponding benchmarks as of September 30, 2020:

	One Month (%)	Three Months (%)	Year to Date (%)	One Year (%)	Three Years (%)	Five Years (%)	Since Inception Date (%)
State Street MSCI EAFE Index NL Fund							June/2012
Total Returns (Gross)	-2.57	4.83	-6.73	0.91	0.99	5.65	6.54
MSCI EAFE® Index	-2.60	4.80	-7.09	0.49	0.62	5.26	6.18
Difference	0.03	0.03	0.36	0.42	0.37	0.39	0.36
Total Returns (Net)	-2.58	4.82	-6.77	0.84	0.90	5.55	N/A
MSCI EAFE® Index	-2.60	4.80	-7.09	0.49	0.62	5.26	N/A
Difference	0.02	0.02	0.32	0.35	0.28	0.29	N/A
State Street S&P 500 Flagship NL Fund							June/2012
Total Returns (Gross)	-3.80	8.93	5.54	15.12	12.28	14.17	13.96
S&P 500®	-3.80	8.93	5.57	15.15	12.28	14.14	13.92
Difference	0.00	0.00	-0.03	-0.03	0.00	0.03	0.04
Total Returns (Net)	-3.80	8.93	5.52	15.08	12.23	14.12	N/A
S&P 500 <sup>®</sup>	-3.80	8.93	5.57	15.15	12.28	14.14	N/A
Difference	0.00	0.00	-0.05	-0.07	-0.05	-0.02	N/A

Past performance is not a reliable indicator of future performance. Performance returns for periods of less than one year are not annualized.

The performance figures contained herein are provided on a gross and net of fees basis. Gross of fees do not reflect and net of fees do reflect the deduction of advisory or other fees which could reduce the return. The performance includes the reinvestment of dividends and other corporate earnings and is calculated in US dollars.

Index returns reflect capital gains and losses, income, and the reinvestment of dividends.

# **Equity Indexing at State Street Global Advisors**

# Why State Street Global Advisors for Index, Smart Beta & ESG Investing

## **Key Strength and Core Focus Area**

- 40 years history of delivering high quality, broad based index solutions
- >99%¹of equity index funds have historically tracked within their tolerance bands
- 150 dedicated individuals across investments, trading, risk and compliance

## Industry Leader and Innovator

- ✓ Launched first US ETF
- ✓ In-house index creation
- Developing smart beta since 2006
- ✓ In-house proprietary ESG scoring framework (R-Factor) covering over 7,000 listed companies

## **Experienced and Reliable Team**

- 20 years average portfolio manager tenure
- Utilize a globally consistent investment management platform and processes
- Strategic focus on implementation, cost reduction and risk management
- Deep research expertise in cap weighted, smart beta and ESG

<sup>&</sup>lt;sup>1</sup> Based on cumulative quarterly gross-of-fees returns for all GEBS managed pooled, and separate account for both 3 years and 5 years period ending March 31, 2020. Tracking error based on the difference between portfolio and benchmark cumulative returns.

## **Investment Philosophy**

We aim to deliver to each client the returns and characteristics of a targeted index or strategy

### We believe in...

## Integrating technology & human insight

- Maintain a primary portfolio manager structure while using a state of the art portfolio management platform
- Continue to invest in technology and infrastructure to gain further efficiencies

## Supporting long-term shareholder values

- Engage with investee companies to promote responsible investing and protect long term shareholder returns through asset stewardship
- Firm wide proxy voting platform

## Innovating through research

- Value add strategies based on core beta research
- Development of propriety strategies and indexes
- ESG scoring tools & framework, thematic strategies and portfolio integration

Source: State Street Global Advisors.

## State Street Global Equity Beta Solutions

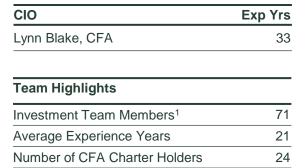
**70+** Portfolio Managers & Researchers

**30+** Traders & Analysts

**10+** Equity Strategists & Specialists







· ·	
Senior Leadership	Exp Yrs
Jennifer Bender <sup>2</sup> , PhD (Research)	24
Benjamin Colton <sup>2</sup> (Stewardship)	10
Nobuya Endo, CFA (Japan)	27
Mike Feehily, CFA (US)	28
Julian Harding (EMEA)	25
Mark Hui, CFA (Hong Kong)	22
Alex King, CFA (Australia)	18
Robert Walker <sup>2</sup> (Stewardship)	18

Portfolio Strategists <sup>2</sup>	Exp Yrs
Heather Apperson	16
Carlo Funk	11
Ana Harris, CFA	16
Yvette Murphy	12
Thomas Reif	26
Tetsuro Shimura	34
Nathalie Wallace	25

Bangalore

London Dublin Krakow

28

As of September 30, 2020. 1 Investment Team members include portfolio managers and researchers. 2 Does not manage assets for the Global Equity Beta Solutions team. CFA® is a trademark of the CFA Institute.

Shayne White<sup>2</sup> (Technology)

# Robust Research Guides Investment Decisions & Strategy Design

## Global Head of Research

Jennifer Bender,\* PhD



#### Global Team

Members with CFA

Peer-reviewed articles & chapters authored





#### **Core Beta**

Adding incremental value through risk-aware implementation and cost-reduction strategies, and strategic execution of index changes

#### **Smart Beta**

Blending empirical and theoretical research, and balancing intuition and complexity make us a leader in factor definition, combination, and implementation

#### **Thematic & ESG**

Identifying and capturing ESG-driven risks and opportunities and optimal portfolio construction across a spectrum of ESG exposures

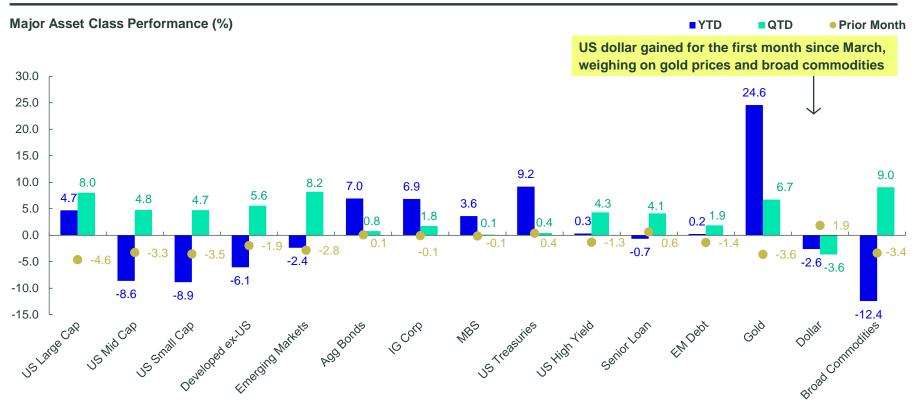
## Self-Indexed & Proprietary Beta

Developing innovative solutions while incorporating implementation insights into our range of cap-weighted, factor, and ESG indexes

As of September 30, 2020. \* Does not manage assets for the Global Equity Beta Solutions team.

## **Asset Class Performance**

US equities led underperformance among risk assets last month amid a resurgence of COVID-19 cases, election uncertainty and a pullback in Technology.



Source: Bloomberg Finance, L.P. as of September 30, 2020. Past performance is not a guarantee of future results. Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income. Performance returns for periods of less than one year are not annualized. US Large Cap: S&P 500 Index; US Mid Cap: S&P 400 MidCap Index; US Small Cap: Russell 2000 Index; Developed Ex-US: MSCI EAFE Index; Emerging Markets: MSCI Emerging Markets Index; Agg Bonds: Bloomberg Barclays US Aggregate Index; IG Corp: Bloomberg Barclays US Corporate Index, Treasuries: Bloomberg Barclays US Treasury Index; MBS: Bloomberg Barclays Mortgage US MBS Index; High Yield: Bloomberg Barclays US Corporate High Yield Index; Senior Loans: S&P LSTA Leveraged Loan Index; EM Debt: Bloomberg Barclays EM Hard Currency Debt Index; Gold: LBMA Gold Price: Broad Commodities: Bloomberg Commodity Index; US Dollar: DXY Dollar Index.

## Q3 2020 GEBS Summary

#### **Flows**

- Equity index flows of (\$21B) were primarily driven by several large institutions selling out of core developed market exposures. However, continued interest in gold led to net positive ETF flows during the quarter.
- Index fixed income saw \$20B in inflows across US IG credit and Aggregate Bond exposures, as well as short/ intermediate government bonds.

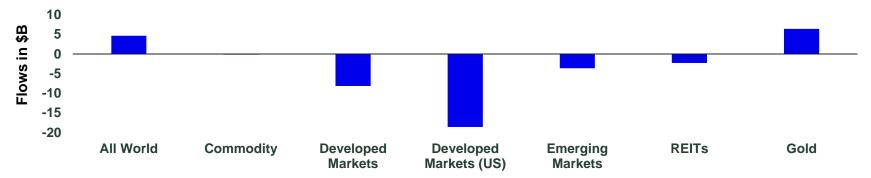
#### Markets/ Trading

 Calmer equity markets in early Q3 were followed by an uptick in market volatility and selling pressure in September. Although, there were no material liquidity concerns in equity markets.

#### **Tracking**

 Consistent with prior quarters YTD, 99% of GEBS funds tracked within their respective tolerance bands

#### Total Quarterly Net New GEBS Instl & ETF Index Flows<sup>1</sup> by Sub Sector



Source: State Street Global Advisors as of September 30, 2020.

<sup>&</sup>lt;sup>1</sup> Excludes flows from internal asset allocation changes

## **Index Highlights**

#### **MSCI**

- May 2020 Semi-Annual Index Review (SAIR) proceeded as planned. Developed Market turnover was 2x relative to May 2019. Changes related to North American companies were 62% of the total trade, while on Asia Pacific ex Japan showed the biggest dispersion between buys and sells performance.
- No major country classification changes were announced in the Annual MSCI June Country Consultation – although a formal review of Argentina's classification will be launched in 2021. Kuwait on target to be added to Emerging Markets in the November 2020 Semi-Annual Index Review (SAIR)
- In October, **MSCI launched a consultation** seeking feedback about potentially extending the rebalances over, multiple days, as well as being able to delay/ postpone SAIRs in volatile periods.

#### S&P DJI

- The postponed March quarterly index rebalances for several major indices including the DJIA, the S&P 500 and sector/industry specific indexes took place in June..
- Etsy Inc., Teradyne Inc. and Catalent Inc. were added to the S&P 500 during the Q3 rebalance, while Tesla was not despite being eligible.

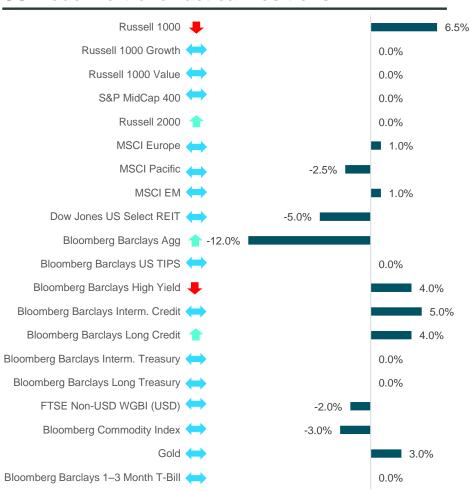
#### FTSE Russell

- Annual Russell Reconstitution proceeded as planned. Increased index turnover led to higher than average trading volume (\$128B in 2020 vs \$58B in 2019). The total market cap of the Russell 3000 decreased by 1%, although the breakpoint between large and small cap decreased 16.4% from \$3.6 billion to \$3.0 billion
- FTSE proceeded with the **June rebalance** for several global indexes, which included the partial inclusion of China A-Shares and Saudi Arabia that were originally planned for March

As of September 30, 2020 Source: MSCI, S&P DJI, FTSE Russell, The MSCI Indices are trademarks of MSCI, Inc. Please go to the MSCI website for more information about the Indexes.

#### State Street Global Advisor's Tactical Positions

#### **US Model Portfolio Tactical Positions**



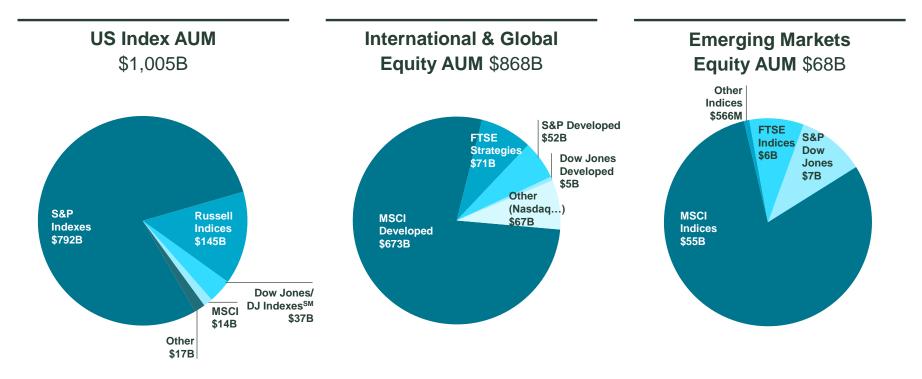
Benchmark Asset Class	Benchmark Weight (%)	Current Active Change (%)
Total Growth assets	57	0.0
Russell 1000	23	-2.0
Russell 2000	5	+2.0
MSCI Europe	12	0.0
MSCI Pacific	7	0.5
MSCI Emerging Markets	5	0.0
Dow Jones US Select REIT	5	0.0
Total Fixed income	40	0.0
Bloomberg Barclays US Aggregate Bond	27	+2.0
Bloomberg Barclays US TIPS	0	0.0
Bloomberg Barclays US Agg Credit - Intermediate	0	0.0
Bloomberg Barclays US Agg Credit - Long	0	+2.0
Bloomberg Barclays US High Yield	10	-4.0
FTSE Non-USD WGBI (USD)	3	0.0
Total Commodities	3	0.0
Bloomberg Commodity Index	3	0.0
GOLD – Bloomberg Gold TR	0	0.0
Total Cash	0	0.0
Bloomberg Barclays 1-3 M T-Bill	0	0.0

	Current Active (%)	Previous Active (%)
Total Growth Assets	+1.0	+1.0
Total Fixed Income	-1.0	-1.0
Total Commodities	0.0	0.0
Total Cash	0.0	0.0

Source: State Street Global Advisors ISG, October 9, 2020. The Benchmark is a custom Tactical Asset Allocation Benchmark.US Model Portfolio Positions are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. The Model portfolio positions presented above are representative of ISGs market views and our positioning for our tactical portfolios as of the date given. The results shown were achieved by means of a mathematical formula, and are not indicative of actual future results which could differ substantially. This information should not be considered a recommendation to invest in a particular sector or to buy or sell any security shown. It is not known whether the sectors or securities shown will be profitable in the future.

# A Leading Manager of Global Indexed Assets

Total Global Equity Beta Solutions Assets Under Management: \$1.94 Trillion (USD) as of September 30, 2020



Source: State Street Global Advisors. As of September 30, 2020. Exclusive of Emerging Markets Equities invested in other MSCI-benchmarked strategies such as MSCI ACWI and MSCI ACWI ex-US.

# Why Choosing The Right Index Manager Matters?

Indexes make
numerous
assumptions,
which can lead to
tracking error (+/-),
and wealth erosion
if not managed with
precision and skill

Index Assumptions	Reality
No transaction costs	Effective implementation techniques can minimize implicit and explicit costs (i.e., internal crossing)
All trades executed at market on close	Trading strategies can reduce turnover and improve execution
Dividends reinvested at ex date  — before cash received	Equitize cash with futures when possible to minimize cash drag
Maximum foreign dividend withholding tax rate	Investors realize different withholding tax rates relative to the index, resulting in income via tax reclaims
Assumed corporate action elections	Multiple options may exist presenting opportunities to add value
Dividends are the only income source	Income from securities litigation payments or securities lending can help offset negative tracking*

<sup>\*</sup> Other sources of tracking deviation may include but are not limited to transactions costs, other taxes, cash drag, futures tracking versus the benchmark or securities mis-weights.

## **Index Equity Management Techniques**

Benchmark returns can be achieved through...

#### Replication

Hold all or the majority of securities in the index at approximately benchmark weight

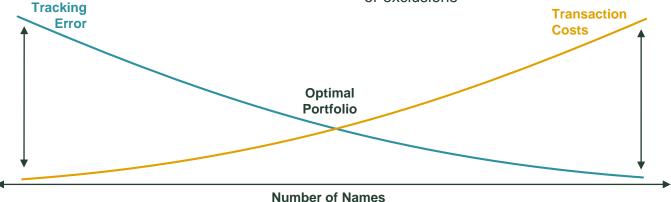
Typically applied to reasonable sized portfolios with minimal liquidity or accessibility constraints (e.g.US Large Cap, Developed markets)

#### **Optimization**

Construct a portfolio with the similar risk & return characteristics of the index but with a smaller subset of securities

Typically applied to liquidity constrained portfolios (e.g. Small cap, Emerging markets) or smaller sized portfolios tracking a broader index

Also applicable to broad portfolios with restrictions or exclusions



The information contained above is for illustrative purposes only.

## **Investment Process**

A tried and tested process marrying human insight and technology

Construct	Analyze	Implement	Review
<ul> <li>Asses various factors such as the size of a portfolio, benchmark breadth, liquidity, cost, ESG factors</li> <li>Understand the fund or client's view on tracking error and possible value add</li> <li>Determine index portfolio construction approach</li> <li>Construct the optimal portfolio</li> </ul>	<ul> <li>Evaluate the portfolio daily to asses risk &amp; deviations vs the benchmark</li> <li>Incorporate cash flow analysis, if applicable</li> <li>Assess impact of potential changes to the index and any relevant market events</li> <li>Determine required changes to the portfolio and appropriate techniques to apply</li> </ul>	submit instructions to the trading team via interconnected systems	<ul> <li>Perform pre and post trade compliance checks, as well as independent daily risk oversight review</li> <li>Monitor relative performance daily</li> <li>Conduct monthly performance &amp; attribution reconciliation</li> <li>Business management quarterly performance review &amp; oversight</li> </ul>

Source: State Street Global Advisors.

Improving Risk Controls & Oversight Through Technology

#### Features of our portfolio management system:

- Full data integration with other State Street Global Advisors applications and risk/ oversight teams
- Designed and customized to our process, workflow and portfolio universe
- Provides a comprehensive portfolio view for portfolio management, as well as risk and oversight
- Dedicated software development resources to ensure continuous development and improvements

Client **Guidelines &** Compliance Pre & post trade **Trading** review **Benchmark Systems** Data Pre trade TCA. execution & Live & pro-forma trading strategies **Portfolio** Management **Portfolio Performance** Data **Attribution** Daily holdings Ex-post Risk Analysis & **Oversight** Ex-ante

Source: State Street Global Advisors.

# Value Add in Indexing Portfolios

## **Core Indexing Techniques**

	Index Rebalances/ Changes		
Portfolio Considerations	Transaction Cost Mitigation Strategies		
	Cash Equitization/ Dividend Reinvestment		
	Scrip Dividends		
Company Specific Considerations	Corporate Actions		
	Placings/ Book Builds		

# Internal Crossing: A Powerful Source of Cost Savings & Liquidity

	Total Value <sup>5</sup>	In-kind <sup>4</sup> /Internal Crossing/ Unit Crossing	Estimated Cost Savings <sup>6</sup>	Transaction Cost Savings <sup>6</sup>
US Market Case Study <sup>1</sup> (2017–2019)	\$155.5 Billion	92% of the Total	0.05% of the Total	\$71.5M
Non-US Developed Case Study <sup>2</sup> (2017–2019)	\$28.4 Billion	72% of the Total	0.20% of the Total	\$40.8M
Emerging Markets Case Study <sup>3</sup> (2017–2019)	\$21.4 Billion	64% of the Total	0.25% of the Total	\$34.5M

Availability of internal crossing at State Street Global Advisors may be affected by your asset class, vehicle type, jurisdiction, or other factors.

<sup>&</sup>lt;sup>1</sup> Based on actual client order flow trading activity in the S&P 500<sup>®</sup> Defined Contribution Commingled Fund.

<sup>&</sup>lt;sup>2</sup> Based on actual client order flow trading activity in the Thrice-Monthly EAFE ERISA Commingled Funds.

<sup>&</sup>lt;sup>3</sup> Based on actual client order flow trading activity in the Thrice-Monthly Emerging Markets ERISA Commingled Funds.

<sup>&</sup>lt;sup>4</sup> In-kind transfers are redemptions/contributions made via security transfers.

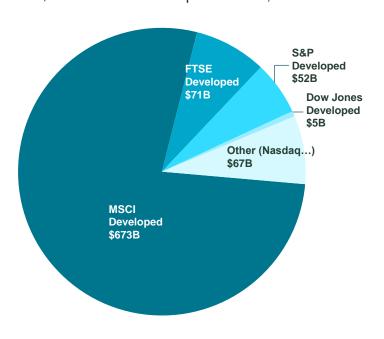
<sup>&</sup>lt;sup>5</sup> For calendar years 2017–2019. It is not known whether similar results have been achieved after 2019.

<sup>&</sup>lt;sup>6</sup> This represents estimated average savings across all aggregate trading over the period. These estimates are based on subjective judgments and assumptions and do not reflect the effect of unforeseen economic and market factors on decision making. There is no guarantee that a particular client transaction will experience the same level of savings. In fact, savings could differ substantially. Any savings is contingent upon other activity taking place on a given transaction day. Had other funds been selected, different results of transaction cost savings may have been achieved. All figures are in USD.

# Portfolio Review for MSCI EAFE® Index Strategy

# State Street Global Advisors International MSCI Index Experience

### International and Global Equity AUM \$868 Billion as of September 30, 2020

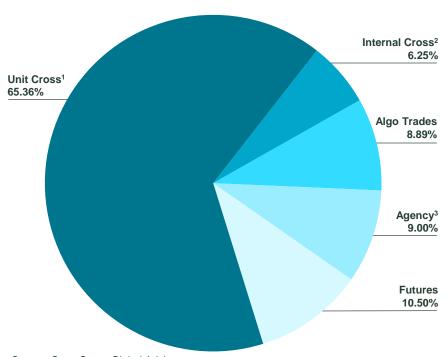


State Street Global Advisors has been investing in developed market strategies **since 1979** and emerging market strategies **since 1991** 

International MSCI Index Strategy Offerings			
MSCI World	MSCI EAFE		
MSCI World Small Cap	MSCI EAFE Factor Mix		
MSCI World IMI	MSCI EAFE Small Cap		
MSCI World High Yield	MSCI EMU		
MSCI World Minimum Volatility	MSCI Europe		
MSCI World Quality Mix	MSCI Europe Mid Cap		
MSCI World Factor Mix	MSCI North America		
MSCI World Equal Weighted	MSCI Kokusai		
MSCI Diversified Multi-Factor	MSCI Pacific		
MSCI World ex-USA	MSCI Emerging Markets		
MSCI World ex-USA Small Cap	MSCI EM Small Cap		
MSCI World ex-Australia	MSCI Emerging Markets IMI		
MSCI World ex-Canada	Screened MSCI Europe		
MSCI ACWI	Screened MSCI North America		
MSCI ACWI Value	Screened MSCI Pacific		
MSCI ACWI ex-USA	Screened MSCI ACWI ex US IMI		
MSCI ACWI ex-USA IMI	MSCI ACWI Low Carbon Target		
MSCI ACWI Minimum Volatility	MSCI ACWI ESG QUALITY MIX		
MSCI ACWI IMI	MSCI Emerging Markets ex-Fossil Fuel		
MSCI ACWI IMI Sector Indices	MSCI EAFE ex-Fossil Fuel		

Source: State Street Global Advisors. As of September 30, 2020. The list only represents the majority of Index strategies GEBS manages, please see our GEBS Beta Strategy Offerings Guide for our complete offerings. Figures in USD.

# Internal Liquidity: A Powerful Cost Saving Resource



#### Total Order Flows 2017–2019 \$60.55B

**82%** of the MSCI EAFE Index Strategy's cash flows traded at **low or zero cost**\*

Source: State Street Global Advisors.

<sup>\*</sup> For the 3 most recent calendar years as of the slide creation date, 2017–2019. Data based on the weighted average results (by order volume) of a one or more of SSGA's commingled funds participating in crossing activities. The figures above relate to the Total Order Flow which represents investor-initiated contributions and redemptions into and out of participating funds. There is no guarantee that a particular client transaction will experience the same level of low cost trading. Low cost trading percentages are calculated by subtracting agency trades from total trades and then dividing by total trades. Availability of internal crossing at SSGA may be affected by your asset class, vehicle type, jurisdiction, or other factors.

1 Unit crosses are transactions where client contributions/redemptions in a participating fund are matched with offsetting client contributions/redemptions in the same fund.

<sup>&</sup>lt;sup>2</sup> Internal crosses are equity transactions for one SSGA managed fund that are matched, where possible, with offsetting equity transactions from other eligible SSGA managed funds.

<sup>&</sup>lt;sup>3</sup> Agency refers to SSGA trading in the market with a program desk (non-Algo). Figures in USD

# **MSCI Index Updates**

#### May 2020 Semi-Annual Index Review

- There were less additions and more deletions this time, compared to the last Semi Annual Index Review
- Developed Market turnover was 2x relative to May 2019

#### **Annual Market Classification Review**

- MSCI will reclassify the MSCI Kuwait Index to EM status as part of the November 2020 Semi-Annual Index Review
- If the MSCI Peru Index falls short of the required three constituents for the EM, MSCI will immediately launch a
  consultation to potentially reclassify the MSCI Peru Index from EM status to Frontier Markets status
- MSCI is currently consulting on the potential reclassification of the MSCI Iceland Index to Frontier Markets status

#### **Other Index Updates**

- Following the imposition of capital controls announced by Argentinian authorities, MSCI opens a consultation on the
  replicability of the current MSCI Argentina Index and the appropriateness of its market classification in EM. The
  results of the consultation will be communicated as part of the MSCI 2020 June Market Classification Review
- State-owned Saudi Aramco was included in the MSCI EM index after its largest IPO of all time, valuing the company at \$1.7 trillion. Its currently 0.15% in MSCI EM due to the small fraction of its market cap is publicly floated.

As of July 16, 2020 Source: State Street Global Advisors. The MSCI Indices are trademarks of MSCI, Inc. Please go to the MSCI website for more information about the Indexes.

## What Does the Portfolio Look Like?

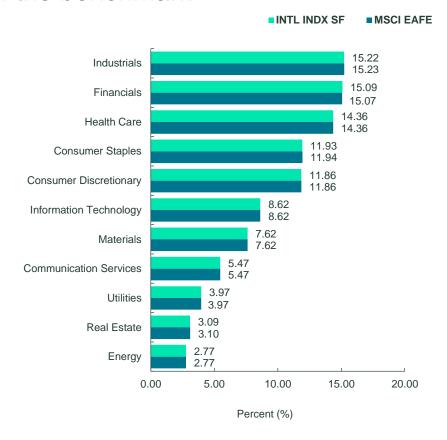
#### Seeks to deliver risk characteristics of the benchmark

#### Characteristics

	Portfolio	Benchmark*
Value Indicators		
Price/Earnings Ratio (Forward 12 Months)	18.78	18.79
Price/Book Ratio	1.56	1.56
Price/Cash Flow	8.03	8.04
Annual Dividend Yield (Trailing 12 Months)	2.67	2.66
Growth Indicators		
Estimated 3–5yr EPS Growth	8.50	8.53
Return on Equity	13.92	13.94
Risk Indicators		
Beta (Trailing 36 Months)	1.00	_
Standard Deviation (Annualized 36 Months)	15.24	15.23
Structures		
Composite AUM (\$M)	31,449.46	_
Weighted Average Market Cap (\$B)	54.63	54.56
Historical Turnover (5 Year Average)	_	4.13
Total Number of Holdings	904	901

#### **Top 10 Holdings**

	Portfolio Weight (%)	Benchmark Weight (%)	Relative Weight* (%)
Nestle Sa-Reg	2.59	2.59	0.00
Roche Holding Ag-Genusschein	1.76	1.76	0.00
Novartis Ag-Reg	1.41	1.41	0.00
Sap Se	1.19	1.19	0.00
Asml Holding Nv	1.15	1.15	0.00
Astrazeneca Plc	1.05	1.05	0.00
Toyota Motor Corp	1.02	1.02	0.00
LVMH Moet Hennessy Louis Vui	0.95	0.95	0.00
Novo Nordisk A/S-B	0.87	0.87	0.00
AIA Group Ltd	0.87	0.87	0.00



As of September 30, 2020. Sources: FactSet, GICS®, MSCI, Inc., Thomson Reuters Worldscope. The Supplemental Information above is that of a single representative account within the Composite, which is subject to change. The representative account was chosen because it has no material restrictions and fairly represents the investment style of the Strategy. The Supplemental Information should not be deemed to be reflective of (and could differ from) the overall Composite or any other single account within the Composite. This information should not be considered a recommendation to invest in a particular sector or to buy or sell any security shown. It is not known whether the sectors or securities shown will be profitable in the future. The specific securities listed do not represent all of the securities purchased, sold, or recommended for advisory clients. You should not assume that investments in the securities identified and discussed were or will be profitable. \* Benchmark is MSCI EAFE Index.

# MSCI EAFE® Index Strategy Country Weights

Region/Country	Portfolio Weight (%)	Benchmark Weight*(%)	Difference (%)
EMEA	62.81	62.92	-0.11
United Kingdom	13.33	13.30	0.03
France	10.74	10.68	0.06
Switzerland	10.28	10.41	-0.13
Germany	9.65	9.63	0.02
Netherlands	4.30	4.36	-0.06
Spain	2.28	2.25	0.03
Sweden	3.30	3.34	-0.04
Italy	2.25	2.23	0.02
Denmark	2.51	2.54	-0.03
Finland	1.05	1.05	0.00
Belgium	0.96	0.97	-0.01
Norway	0.56	0.56	0.00
Israel	0.59	0.59	0.00
Ireland	0.70	0.70	0.00
Austria	0.15	0.15	0.00
Portugal	0.16	0.16	0.00

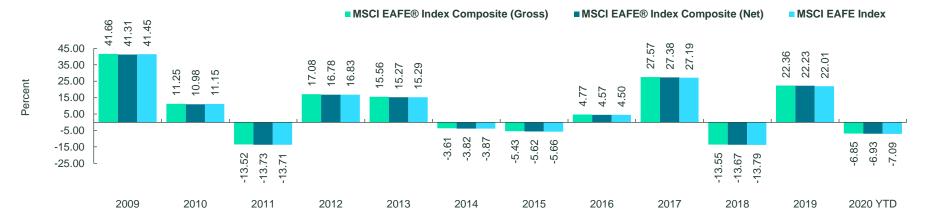
Region/Country	Portfolio Weight (%)	Benchmark Weight*(%)	Difference (%)
Asia/Pacific Rim	37.19	37.08	0.11
Japan	25.87	25.83	0.04
Australia	6.62	6.58	0.04
Hong Kong	3.34	3.32	0.02
Singapore	1.06	1.04	0.02
New Zealand	0.30	0.31	-0.01
Total Portfolio	100.00	100.00	0.00

As of September 30, 2020. Sources: FactSet, GICS®, MSCI, Inc., Thomson Reuters Worldscope. The Supplemental Information above is that of a single representative account within the Composite, which is subject to change. The representative account was chosen because it has no material restrictions and fairly represents the investment style of the Strategy. The Supplemental Information should not be deemed to be reflective of (and could differ from) the overall Composite or any other single account within the Composite. This information should not be considered a recommendation to invest in a particular sector or to buy or sell any security shown. It is not known whether the sectors or securities shown will be profitable in the future. \* Benchmark: MSCI EAFE Index.

# MSCI EAFE® Index Composite Performance

Annualized returns for the period ending September 30, 2020 (USD)

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since
	(%)	(%)	(%)	(%)	(%)	(%)	Inception* (%)
MSCI EAFE® Index Composite (Gross)	4.81	-6.85	0.77	0.89	5.54	4.89	8.34
MSCI EAFE Index	4.80	-7.09	0.49	0.62	5.26	4.62	8.14
Value Added	0.02	0.24	0.28	0.27	0.28	0.27	0.20
MSCI EAFE® Index Composite (Net)	4.79	-6.93	0.66	0.78	5.42	4.67	N/A
MSCI EAFE Index	4.80	-7.09	0.49	0.62	5.26	4.62	N/A
Value Added	-0.01	0.16	0.17	0.16	0.16	0.05	N/A



<sup>\*</sup> Inception Date: January 1985

Source: State Street Global Advisors \* GIPS net of fee composite performance data prior to 2004 is not available.

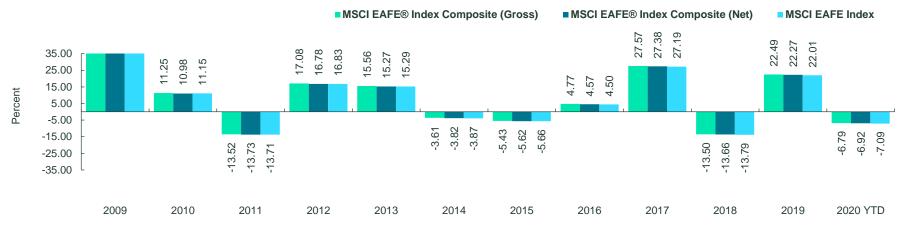
The performance shown is of a composite consisting of all discretionary accounts using this investment strategy. The above information is considered supplemental to the GIPS presentation for this Composite, which can be found in the Appendix or was previously presented. A GIPS presentation is also available upon request.

Past performance is not a reliable indicator of future performance. Performance returns for periods of less than one year are not annualized. The performance figures contained herein are provided on a gross and net of fees basis. Gross of fees do not reflect and net of fees do reflect the deduction of advisory or other fees which could reduce the return. Some members of this composite may accrue administration fees. The performance includes the reinvestment of dividends and other corporate earnings and is calculated in USD. gP-EAFE

# Daily MSCI EAFE® Index Composite Performance

Annualized returns for the period ending September 30, 2020 (USD)

	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since
	(%)	(%)	(%)	(%)	(%)	(%)	Inception* (%)
Daily MSCI EAFE® Index Composite (Gross)	4.87	-6.79	0.85	0.97	5.65	4.94	4.88
MSCI EAFE Index	4.80	-7.09	0.49	0.62	5.26	4.62	4.70
Value Added	0.07	0.30	0.36	0.35	0.39	0.32	0.18
Daily MSCI EAFE® Index Composite (Net)	4.82	-6.92	0.67	0.79	5.46	4.72	N/A
MSCI EAFE Index	4.80	-7.09	0.49	0.62	5.26	4.62	N/A
Value Added	0.03	0.17	0.17	0.17	0.20	0.10	N/A



<sup>\*</sup> Inception Date: November 1993.

Source: State Street Global Advisors. \* GIPS net of fee composite performance data prior to 2004 is not available.

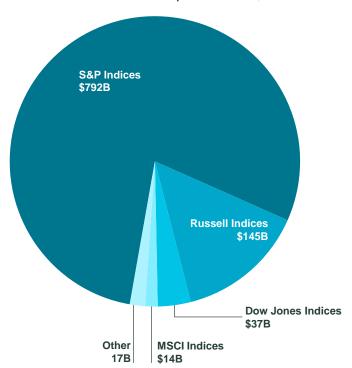
The performance shown is of a composite consisting of all discretionary accounts using this investment strategy. The above information is considered supplemental to the GIPS presentation for this Composite, which can be found in the Appendix or was previously presented. A GIPS presentation is also available upon request.

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# Portfolio Review for S&P 500<sup>®</sup> Index Strategy

# State Street Global Advisors US S&P Index Experience

**Total AUM** \$1 Trillion as of September 30, 2020



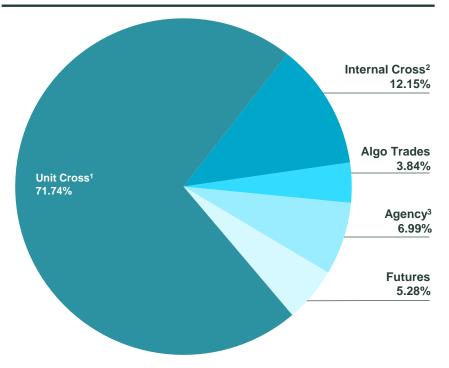
State Street Global Advisors has been managing money against US Indices **since 1978** 

Currently managing in excess of **\$1 trillion** in US indexed assets against a variety of benchmarks including more than **25** Russell Indexes and over **30** S&P Dow Jones Indices

S&P US Index Strategy Offerings					
S&P 500	S&P 100	S&P High Yield Dividend Aristocrats			
S&P 500 Value	S&P MidCap 400	S&P Equal Weighted Sector Indices			
S&P 500 Growth	S&P Mid Cap Growth	U.S. Multi Factor Indices			
S&P 500 Low Volatility	S&P Mid Cap Value	U.S. Sector Indices			
S&P 500 High Dividend	S&P 600 Value	S&P GSCI			
S&P 500 Equal Weighted	S&P 600 Growth				
S&P 500 Buyback	S&P Small Cap 600				
S&P 500 Screened	S&P 1500				
S&P 500 Ex Tobacco	S&P 1500 Momentum Ti	ilt			
S&P 500 Fossil Fuel Free	S&P 1500 Value Tilt				

Source: State Street Global Advisors. As of September 30, 2020. The list only represents the majority of Index strategies GEBS manages, please see our GEBS Beta Strategy Offerings Guide for our complete offerings. Figures in USD.

# Internal Liquidity: A Powerful Cost Saving Resource



#### Total Order Flows 2017–2019 \$174.49B

**89%** of the S&P 500 Index Strategy's cash flows traded at **low or zero cost**\*

Source: State Street Global Advisors.

<sup>\*</sup> For the 3 most recent calendar years as of the slide creation date, 2017–2019. Data based on the weighted average results (by order volume) of a one or more of SSGA's commingled funds participating in crossing activities. The figures above relate to the Total Order Flow which represents investor-initiated contributions and redemptions into and out of participating funds. There is no guarantee that a particular client transaction will experience the same level of low cost trading. Low cost trading percentages are calculated by subtracting agency trades from total trades and then dividing by total trades. Availability of internal crossing at SSGA may be affected by your asset class, vehicle type, jurisdiction, or other factors.

1 Unit crosses are transactions where client contributions/redemptions in a participating fund are matched with offsetting client contributions/redemptions in the same fund.

<sup>&</sup>lt;sup>2</sup> Internal crosses are equity transactions for one SSGA managed fund that are matched, where possible, with offsetting equity transactions from other eligible SSGA managed funds.

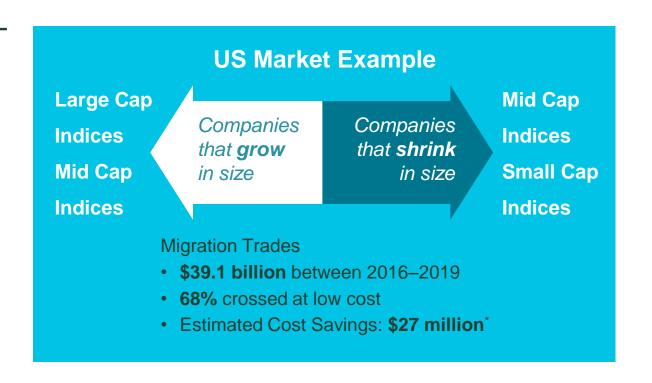
<sup>&</sup>lt;sup>3</sup> Agency refers to SSGA trading in the market with a program desk (non-Algo). Figures in USD

# Minimizing Turnover Through Internal Crossing

### **Index Migrations**

Companies regularly move between indices

A diverse book of business creates opportunities to reduce transaction costs around index change events



As of December 2019, updated annually. Source: State Street Global Advisors. All figures are in USD. S&P US indices are used in this index migration analysis. Availability of internal crossing at State Street Global Advisors may be affected by your asset class, vehicle type, jurisdiction, or other factors. \* Impact and spread cost estimates are based on calculations provided by vendor tools that specialize in these estimations but are proprietary to the vendor. Commissions, taxes, and other explicit cost estimates are based on standard schedules published within State Street Global Advisors but may vary from the results experienced in actual trading. Savings are calculated by multiplying the estimated market trading costs (ranging from 10 to 20 basis points-depending on liquidity type and region) by the relevant trade volume amount. US large cap stocks account for about 64% of the noted savings.

# Portfolio Rebalancing: Be Pragmatic

Example: S&P Quarterly Rebalance December 2019

	S&P500 Index	S&P400 Index	S&P600 Index
Rebalance Turnover	0.82%	4.55%	2.09%
Traded	0.46% approx. (Typical State Street Global Advisors S&P500 portfolio)	4.41% (Typical State Street Global Advisors S&P400 portfolio)	1.58% (Typical State Street Global Advisors S&P600 portfolio)
Reduction in Turnover	44%	3%	24%

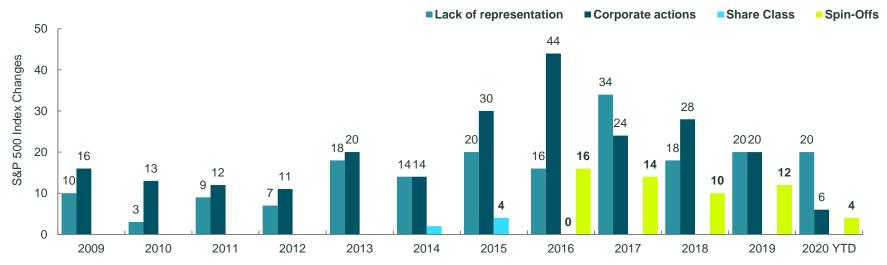
By monitoring ex-ante tracking closely, we can avoid trading some of the smaller names of a given index rebalance. This **reduces the overall turnover** of a portfolio and also **reduces the transaction costs** associated with it.

Source: State Street Global Advisors. For illustrative purposes only.

# Index Change Analysis — S&P 500<sup>®</sup> Index

#### 2020 YTD

- 15 additions/deletions so far in 2020
- 5 additions/deletions were due to corporate actions and spin offs, 10 was due to securities being more representative of the mid-cap and small-cap index (lack of representation)
- S&P 500 now contains 505 positions (but still 500 companies)



As of September 30, 2020. Source: Standard & Poor's®.

Index changes are as of the date indicated, are subject to change, and should not be relied upon as current thereafter.

## What Does the Portfolio Look Like?

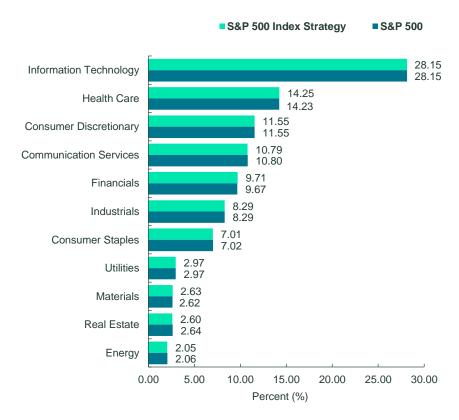
#### Seeks to deliver risk characteristics of the benchmark

#### **Characteristics**

	Portfolio	Benchmark*
Value Indicators		
Price/Earnings Ratio (Forward 12 Months)	23.71	23.72
Price/Book Ratio	3.53	3.54
Price/Cash Flow	14.10	14.09
Annual Dividend Yield (Trailing 12 Months)	1.68	1.68
Growth Indicators		
Estimated 3–5yr EPS Growth	11.62	11.61
Return on Equity	27.34	27.34
Risk Indicators		
Beta (Trailing 36 Months)	1.00	_
Standard Deviation (Annualized 36 Months)	17.49	17.49
Structures		
Composite AUM (\$M)	68,739.02	
Weighted Average Market Cap (\$B)	452.94	452.93
Index Historical Turnover (5 Year Average)	_	4.72
Total Number of Holdings	505	505

#### **Top 10 Holdings**

	Portfolio Weight (%)	Benchmark Weight (%)	Relative Weight* (%)
Apple Inc	6.68	6.68	0.00
Microsoft Corp	5.71	5.71	0.00
Amazon.Com Inc	4.81	4.81	0.00
Facebook Inc-Class A	2.26	2.26	0.00
Alphabet Inc-CI A	1.58	1.58	0.00
Alphabet Inc-CI C	1.55	1.55	0.00
Berkshire Hathaway Inc-Cl B	1.51	1.51	0.00
Johnson & Johnson	1.42	1.41	0.01
Procter & Gamble Co/The	1.24	1.24	0.00
Visa Inc	1.21	1.21	0.00



As of September 30,2020. Sources: FactSet, State Street Global Advisors. Past performance is not a guarantee of future results. The Supplemental Information above (except for beta, standard deviation, and Composite AUM (USD), is that of a single representative account within the Composite, which is subject to change. The representative account was chosen because it has no material restrictions and fairly represents the investment style of the Strategy. The Supplemental Information should not be deemed to be reflective of (and could differ from) the overall Composite or any other single account within the Composite. This information should not be considered a recommendation to invest in a particular sector or to buy or sell any security shown. It is not known whether the sectors or securities shown will be profitable in the future. The specific securities listed do not represent all of the securities purchased, sold, or recommended for advisory clients. \* Benchmark is the S&P 500 Index.

# **S&P 500 Index Strategy Composite Performance**

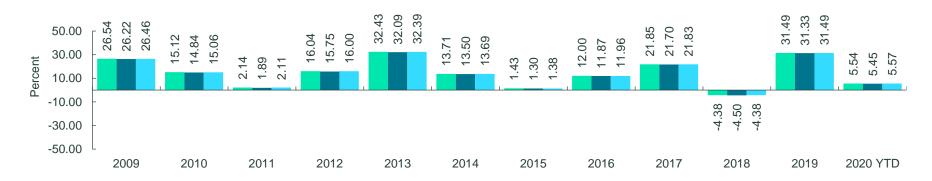
Annualized returns for the period ending September 30, 2020 (USD)

	QTR (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception* (%)
S&P 500 Index Strategy (Gross)	8.93	5.54	15.12	12.28	14.16	13.76	10.79
S&P 500 Index	8.93	5.57	15.15	12.28	14.15	13.74	10.77
Difference	0.00	-0.03	-0.03	0.00	0.01	0.02	0.03
S&P 500 Index Strategy (Net)	8.89	5.45	14.98	12.14	14.02	13.57	N/A
S&P 500 Index	8.93	5.57	15.15	12.28	14.15	13.74	N/A
Difference	-0.04	-0.13	-0.17	-0.14	-0.13	-0.17	N/A



■ S&P 500 Index Strategy Composite (NET)

■S&P 500 Index



<sup>\*</sup> Inception Date: January 1, 1986.

The performance shown is of a composite consisting of all discretionary accounts using this investment strategy. The above information is considered supplemental to the GIPS presentation for this Composite, which can be found in the Appendix or was previously presented. A GIPS presentation is also available upon request.

Past performance is not a reliable indicator of future performance. Performance returns for periods of less than one year are not annualized. The performance figures contained herein are provided on a gross and net of fees basis. Gross of fees do not reflect and net of fees do reflect the deduction of advisory or other fees which could reduce the return. Some members of this composite may accrue administration fees. The performance includes the reinvestment of dividends and other corporate earnings and is calculated in US dollars. gPASP500

# Appendix A: GIPS® Presentation

#### GIPS® Report: Daily MSCI EAFE Index Composite (As of December 31, 2019)

#### **Gross Returns**

Period	Quarter	YTD	1 Year	3 Years	5 Years	10 Years	Inception Nov 1993
Daily MSCI EAFE Index Composite	8.20	22.49	22.49	9.98	6.04	5.82	N/A
MSCI EAFE Index	8.17	22.01	22.01	9.56	5.67	5.50	N/A

Year	Daily MSCI EAFE Index Composite	MSCI EAFE Index
2019	22.49	22.01
2018	-13.50	-13.79
2017	25.56	25.03
2016	1.39	1.00
2015	-0.61	-0.81
2014	-4.68	-4.90
2013	23.00	22.78
2012	17.68	17.32
2011	-11.93	-12.14
2009	32.17	31.78

Year	No. of Portfolios at Period End	Composite Dispersion	3 Yr Annualized Standard Deviation — Composite	3 Yr Annualized Standard Deviation — Benchmark	Total Assets at End of Period (USD)	% of Firm's Assets	Total Firm Assets (USD mil)
2019	*	N/A	10.82	10.81	1,858,050,828	0.06	3,052,585
2018	*	N/A	11.30	11.24	1,450,399,189	0.06	2,457,404
2017	*	N/A	11.87	11.83	2,146,404,981	0.08	2,714,705
2016	*	N/A	12.50	12.46	3,388,057,416	0.15	2,291,833
2015	*	N/A	12.47	12.46	3,365,805,185	0.15	2,188,091
2014	*	N/A	13.02	13.03	1,642,052,469	0.07	2,383,493
2013	*	N/A	16.60	16.25	1,381,195,855	0.06	2,279,237
2012	*	N/A	19.62	19.37	1,548,347,979	0.08	2,023,842
2011	*	N/A	22.87	22.43	1,697,293,512	0.10	1,768,142
2010	*	N/A	26.40	26.23	2,847,496,783	0.19	1,518,977

gP-DEAFE
\* 5 portfolios or less.

Quarterly and YTD returns are not annualized.

Investment Objective: The Strategy seeks an investment return that approximates as closely as practicable, before expenses, the performance of its benchmark index (the "Index") over the long term.

Investment Strategy: The Strategy is managed using an "indexing" investment approach, by which SSGA attempts to approximate, before expenses, the performance of the Index over the long term. SSGA will typically attempt to invest in the equity securities comprising the Index, in approximately the same proportions as they are represented in the Index. Equity securities may include common stocks, preferred stocks, depository receipts, or other securities convertible into common stock. Equity securities held by the Strategy may be denominated in foreign currencies and may be held outside the United States. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSGA may employ a sampling or optimization technique to construct the portfolio in question. SSGA may also utilize other pooled investment vehicles, including those managed by SSGA and its affiliates, as substitutes for gaining direct exposure to securities or a group of securities in the Index. From time to time securities are added to or removed from the Index. SGGA may sell securities that are represented in the Index. The Strategy may at times purchase or sell index futures contracts, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

#### **Footnotes**

Firm Definition: For the purpose of complying with the Global Investment Performance Standards (GIPS®), the firm ("SSGA-Global") is defined as all portfolios managed across the global offices of State Street Global Advisors (SSGA) and SSGA Funds Management, Inc., with the exception of Charitable Asset Management which is held out to the marketplace as a distinct business entity. Prior to January 2011, SSGA-Global excluded its wrap fee business and assets accounted for on a book value basis (global cash and stable value assets). Prior to July 2017, SSGA-Global excluded Fiduciary Advisory Solutions. In January 2011, SSGA acquired the Bank of Ireland Asset Management Limited (now known as SSGA Ireland Limited), a GIPS Compliant firm. On January 01, 2012 SSGA Ireland Limited assets were merged into SSGA-Global. In July 2016, SSGA acquired the asset management and advisory services business conducted by GE Asset Management ("GEAM"), a GIPS Compliant firm. On July 01, 2017 GEAM assets were merged into SSGA-Global.

Composite Description: The Composite seeks to achieve the Investment Objective described below using the Investment Strategy described below.

Compliance Statement: SSGA-Global claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with GIPS. SSGA-Global claims compliance with the GIPS standards from January 01, 2000. The period prior to January 01, 2000 (where shown) is not in compliance, as not all actual fee-paying portfolios are in a composite. SSGA-Global has been independently verified for the periods January 01, 2000 through December 31, 2018. GE Asset Management (GEAM) was not independently verified for the calendar year 2016 while transitioning into the firm. The verification report is available upon request. 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. Verification does not ensure the accuracy of any specific composite presentation.

List Available: A complete list of the firm's composites and their descriptions is available upon request.

Currency: Performance is presented in USD.

Creation Date: The composite was created on January 01, 2009.

**Benchmark Description:** The benchmark for the composite is the MSCI EAFE Index. Index returns are unmanaged and do not reflect the deduction of any fees or expenses but include all items of income, gain, and loss.

Use of Subadvisors: None.

Fees: Returns are expressed gross of management fees. The results do not reflect the deduction of investment management fees. Some members of this composite may accrue administration fees. The client's return will be reduced by the management fee. For example, if an annualized gross return of 10% was achieved over a 5-year period and a management fee of 1% per year was charged and deducted annually, then the resulting total return would be reduced from 61% to 54%.

Fee Schedule: Management fees are 0.060% of the first \$50,000,000; 0.050% of the next \$50,000,000; and 0.040% thereafter for a commingled fund; and 0.100% of the first \$50,000,000; 0.080% of the next \$50,000,000; and 0.070% thereafter for separately managed accounts. The minimum annual management fee for a separately managed accounts is \$250,000. Management fees may be adjusted based upon specific client requirements.

**Derivatives Use:** SSGA may use futures and other derivatives from time to time in the management of the Strategy generally as a temporary substitute for cash investments or for hedging purposes and not with the purpose of creating investment leverage.

Calculation Methodology: Additional information is available upon request regarding the firm's policies and procedures for calculating and reporting performance results as well as valuation procedures.

Annualized Returns: All returns for periods greater than one year have been annualized.

Withholding Taxes Differences: None.

Exchange Rates Differences Between Composite & Benchmark: None.

Minimum Asset Level for Inclusion: None.

**Dispersion:** Asset-Weighted standard deviation is calculated using the annual returns of the accounts that were included in the composite for all periods of the year and is not presented for periods with 5 or fewer accounts in the composite for the full year

Significant Events: In January 2019, Ralph Layman, Vice Chairman of SSGA retired from the firm. In July 2019, Timothy Corbett became State Street Global Advisors' Chief Risk Officer.

Past and Future Performance: Historic performance is not necessarily indicative of actual future investment performance, which could differ substantially.

<sup>\*\*</sup> Less than 3 years.

#### GIPS® Report: MSCI EAFE Index Composite (As of December 31, 2019)

#### **Gross Returns**

Period	Quarter	YTD	1 Year	3 Years	5 Years	10 Years	Inception Jan 1985
MSCI EAFE Index Composite	8.19	22.36	22.36	9.86	5.95	5.77	N/A
MSCI EAFE Index	8.17	22.01	22.01	9.56	5.67	5.50	N/A

Year	MSCI EAFE Index Composite	MSCI EAFE Index
2019	22.36	22.01
2018	-13.55	-13.79
2017	25.35	25.03
2016	1.27	1.00
2015	-0.58	-0.81
2014	-4.67	-4.90
2013	23.02	22.78
2012	17.63	17.32
2011	-11.92	-12.14
2010	7.97	7.75

Year	No. of Portfolios at Period End	Composite Dispersion	3 Yr Annualized Standard Deviation — Composite	3 Yr Annualized Standard Deviation — Benchmark	Total Assets at End of Period (USD)	% of Firm's Assets	Total Firm Assets (USD mil)
2019	*	N/A	10.80	10.81	33,124,095,942	1.09	3,052,585
2018	6	0.14	11.26	11.24	28,800,907,614	1.17	2,457,404
2017	7	0.18	11.84	11.83	39,387,432,678	1.45	2,714,705
2016	10	0.17	12.47	12.46	32,964,694,830	1.44	2,291,833
2015	8	0.15	12.45	12.46	30,222,391,500	1.38	2,188,091
2014	7	0.13	13.00	13.03	29,428,863,233	1.23	2,383,493
2013	7	0.15	16.22	16.25	29,266,714,685	1.28	2,279,237
2012	8	0.16	19.29	19.37	29,108,751,239	1.44	2,023,842
2011	8	N/A	22.40	22.43	25,311,047,591	1.43	1,768,142
2010	*	N/A	26.20	26.23	22,035,409,578	1.45	1,518,977

gP-EAFE

\* 5 portfolios or less.

\*\* Less than 3 years.

Quarterly and YTD returns are not annualized.

Investment Objective: The Strategy seeks an investment return that approximates as closely as practicable, before expenses, the performance of its benchmark index (the "Index") over the long term.

Investment Strategy: The Strategy is managed using an "indexing" investment approach, by which SSGA attempts to approximate, before expenses, the performance of the Index over the long term. SSGA will typically attempt to invest in the equity securities comprising the Index, in approximately the same proportions as they are represented in the Index. Equity securities may include common stocks, preferred stocks, depository receipts, or other securities convertible into common stock. Equity securities held by the Strategy may be denominated in foreign currencies and may be held outside the United States. In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSGA may employ a sampling or optimization technique to construct the portfolio in question. SSGA may also utilize other pooled investment vehicles, including those managed by SSGA and its affiliates, as substitutes for gaining direct exposure to securities or a group of securities in the Index. From time to time securities are added to or removed from the Index. SSGA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, prior to or after their removal or addition to the Index. The Strategy may at times purchase or sell index futures contracts, or options on those futures, or engage in other transactions involving the use of derivatives, in lieu of investment directly in the securities making up the Index or to enhance the Strategy's replication of the Index return. The Strategy's return may not match the return of the Index.

#### **Footnotes**

Firm Definition: For the purpose of complying with the Global Investment Performance Standards (GIPS®), the firm ("SSGA-Global") is defined as all portfolios managed across the global offices of State Street Global Advisors (SSGA) and SSGA Funds Management, Inc., with the exception of Charitable Asset Management which is held out to the marketplace as a distinct business entity. Prior to January 2011, SSGA-Global excluded its wrap fee business and assets accounted for on a book value basis (global cash and stable value assets). Prior to July 2017, SSGA-Global excluded Fiduciary Advisory Solutions. In January 2011, SSGA acquired the Bank of Ireland Asset Management Limited (now known as SSGA Ireland Limited), a GIPS Compliant firm. On January 01, 2012 SSGA Ireland Limited assets were merged into SSGA-Global. In JUly 2016, SSGA acquired the asset management and advisory services business conducted by GE Asset Management ("GEAM"), a GIPS Compliant firm. On July 01, 2017 GEAM assets were merged into SSGA-Global.

Composite Description: The Composite seeks to achieve the Investment Objective described below using the Investment Strategy described below.

Compliance Statement: SSGA-Global claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with GIPS. SSGA-Global claims compliance with the GIPS standards from January 01, 2000. The period prior to January 01, 2000 (where shown) is not in compliance, as not all actual fee-paying portfolios are in a composite. SSGA-Global has been independently verified for the periods January 01, 2000 through December 31, 2018. SEAset Management (GEAM) was not independently verified for the calendar year 2016 while transitioning into the firm. The verification report is available upon request. 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. Verification does not ensure the accuracy of any specific composite presentation.

List Available: A complete list of the firm's composites and their descriptions is available upon request.

Creation Date: The composite was created on January 01, 2009.

Benchmark Description: The benchmark for the composite is the MSCI EAFE Index. Index returns are unmanaged and do not reflect the deduction of any fees or expenses but include all items of income, gain, and loss.

Currency: Performance is presented in USD.

Use of Subadvisors: None.

Fees: Returns are expressed gross of management fees. The results do not reflect the deduction of investment management fees. Some members of this composite may accrue administration fees. The client's return will be reduced by the management fee. For example, if an annualized gross return of 10% was achieved over a 5-year period and a management fee of 1% per year was charged and deducted annually, then the resulting total return would be reduced from 61% to 54%.

Fee Schedule: Management fees are 0.060% of the first \$50,000,000; 0.050% of the next \$50,000,000; and 0.040% thereafter for a commingled fund; and 0.080% of the first \$50,000,000; 0.060% of the next \$50,000,000; and 0.050% thereafter for separately managed accounts. The minimum annual management fee for a separately managed accounts is \$250,000. Management fees may be adjusted based upon specific client requirements.

**Derivatives Use:** SSGA may use futures and other derivatives from time to time in the management of the Strategy generally as a temporary substitute for cash investments or for hedging purposes and not with the purpose of creating investment leverage.

Calculation Methodology: Additional information is available upon request regarding the firm's policies and procedures for calculating and reporting performance results as well as valuation procedures.

Annualized Returns: All returns for periods greater than one year have been annualized.

Withholding Taxes Differences: None.

Exchange Rates Differences Between Composite & Benchmark: None.

Minimum Asset Level for Inclusion: None.

**Dispersion:** Asset-Weighted standard deviation is calculated using the annual returns of the accounts that were included in the composite for all periods of the year and is not presented for periods with 5 or fewer accounts in the composite for the full year.

Significant Events: In January 2019, Ralph Layman, Vice Chairman of SSGA retired from the firm. In July 2019, Timothy Corbett became State Street Global Advisors' Chief Risk Officer.

Past and Future Performance: Historic performance is not necessarily indicative of actual future investment performance, which could differ substantially.

#### GIPS® Report: S&P 500 Index Composite (As of December 31, 2019)

#### **Gross Returns**

Period	Quarter	YTD	1 Year	3 Years	5 Years	10 Years	Inception Jan 1986
S&P 500 Index Composite	9.08	31.49	31.49	15.28	11.72	13.59	N/A
S&P 500 Index	9.07	31.49	31.49	15.27	11.70	13.56	N/A

Year	S&P 500 Index Composite	S&P 500 Inde		
2019	31.49	31.49		
2018	-4.38	-4.38		
2017	21.85	21.83		
2016	12.00	11.96		
2015	1.43	1.38		
2014	13.71	13.69		
2013	32.42	32.39		
2012	16.04	16.00		
2011	2.14	2.11		
2010	15.12	15.06		

Year	No. of Portfolios at Period End	Composite Dispersion	3 Yr Annualized Standard Deviation — Composite	3 Yr Annualized Standard Deviation — Benchmark	Total Assets at End of Period (USD)	% of Firm's Assets	Total Firm Assets (USD mil)
2019	16	0.01	11.94	11.93	63,883,107,388	2.09	3,052,585
2018	15	0.02	10.80	10.80	54,519,096,204	2.22	2,457,404
2017	18	0.02	9.93	9.92	69,547,585,278	2.56	2,714,705
2016	19	0.03	10.59	10.59	69,105,138,042	3.02	2,291,833
2015	20	0.04	10.48	10.47	62,069,196,320	2.84	2,188,091
2014	20	0.03	8.97	8.97	67,773,578,217	2.84	2,383,493
2013	20	0.04	11.93	11.94	67,232,162,274	2.95	2,279,237
2012	20	0.04	15.08	15.09	55,499,052,765	2.74	2,023,842
2011	18	0.01	18.69	18.71	62,152,623,788	3.52	1,768,142
2010	14	0.03	21.84	21.85	58,677,181,141	3.86	1,518,977

#### gPASP500

\* 5 portfolios or less. \*\* Less than 3 years.

Quarterly and YTD returns are not annualized.

Investment Objective: The Strategy seeks an investment return that approximates as closely as practicable, before expenses, the performance of its benchmark index (the "Index") over the long term.

Investment Strategy: The Strategy is managed using an "indexing" investment approach, by which SSGA attempts to approximate, before expenses, the performance of the Index over the long term. SSGA will typically attempt to invest in the equity securities comprising the Index, in approximately the same proportions as they are represented in the Index. Equity securities may include common stocks, preferred stocks, depository receipts, or other securities convertible into common stock. The Strategy may purchase securities in their initial public offerings ("IPOs"). In some cases, it may not be possible or practicable to purchase all of the securities comprising the Index, or to hold them in the same weightings as they represent in the Index. In those circumstances, SSGA may employ a sampling or optimization technique to construct the portfolio in question. From time to time securities are added to or removed from the Index. SSGA may sell securities that are represented in the Index, or purchase securities that are not yet represented in the Index, prior to or after their removal or addition to the Index. The Strategy will not use futures or other derivatives to create "notional" or "synthetic" index exposures or engage in other transactions involving the use of derivatives in lieu of investment directly in the securities making ou the Index. The Strategy's return may not match the return of the Index.

#### **Footnotes**

Firm Definition: For the purpose of complying with the Global Investment Performance Standards (GIPS®), the firm ("SSGA-Global") is defined as all portfoliors managed across the global offices of State Street Global Advisors (SSGA) and SSGA Funds Management, Inc., with the exception of Charitable Asset Management which is held out to the marketplace as a distinct business entity. Prior to January 2011, SSGA-Global excluded its wrap fee business and assets accounted for on a book value basis (global cash and stable value assets). Prior to July 2017, SSGA-Global excluded Fiduciary Advisory Solutions. In January 2011, SSGA acquired the Bank of Ireland Asset Management Limited (now known as SSGA Ireland Limited), a GIPS Compliant firm. On January 01, 2012 SSGA Ireland Limited assets were merged into SSGA-Global. In July 2016, SSGA acquired the asset management and advisory services business conducted by GE Asset Management ("GEAM"), a GIPS Compliant firm. On July 01, 2017 GEAM assets were merged into SSGA-Global.

Composite Description: The Composite seeks to achieve the Investment Objective described below using the Investment Strategy described below.

Compliance Statement: SSGA-Global claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with GIPS. SSGA-Global claims compliance with the GIPS standards from January 01, 2000. The period prior to January 01, 2000 (where shown) is not in compliance, as not all actual fee-paying portfolios are in a composite. SSGA-Global has been independently verified for the periods January 01, 2000 through December 31, 2018. GE Asset Management (GEAM) was not independently verified for the calendar year 2016 while transitioning into the firm. The verification report is available upon request. 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. Verification does not ensure the accuracy of any specific composite presentation.

List Available: A complete list of the firm's composites and their descriptions is available upon request.

Creation Date: The composite was created on January 01, 2009

**Benchmark Description:** The benchmark for the composite is the S&P 500 Index. Index returns are unmanaged and do not reflect the deduction of any fees or expenses but include all items of income, gain, and loss.

Currency: Performance is presented in USD.

Use of Subadvisors: This composite contains portfolios that were managed on a sub-advised basis for the period from September 01, 2002 to August 31, 2008.

Fees: Returns are expressed gross of management fees. The results do not reflect the deduction of investment management fees. Some members of this composite may accrue administration fees. The client's return will be reduced by the management fee. For example, if an annualized gross return of 10% was achieved over a 5-year period and a management fee of 1% per year was charged and deducted annually, then the resulting total return would be reduced from 61% to 54%.

Fee Schedule: Management fees are 0.030% of the first \$50,000,000; 0.020% of the next \$50,000,000; and 0.020% thereafter for a commingled fund; and 0.050% of the first \$50,000,000; 0.040% of the next \$50,000,000; and 0.020% thereafter for separately managed accounts. The minimum annual management fee for a separately managed accounts is \$175,000. Management fees may be adjusted based upon specific client requirements.

**Derivatives Use:** SSGA may use futures and other derivatives from time to time in the management of the Strategy generally as a temporary substitute for cash investments or for hedging purposes and not with the purpose of creating investment leverage.

Calculation Methodology: Additional information is available upon request regarding the firm's policies and procedures for calculating and reporting performance results as well as valuation procedures.

Annualized Returns: All returns for periods greater than one year have been annualized.

Withholding Taxes Differences: None.

Exchange Rates Differences Between Composite & Benchmark: None.

Minimum Asset Level for Inclusion: None.

Dispersion: Asset-Weighted standard deviation is calculated using the annual returns of the accounts that were included in the composite for all periods of the year and is not presented for periods with 5 or fewer accounts in the composite for the full year. Significant Events: In January 2019, Ralph Layman, Vice Chairman of SSGA retired from the firm. In July 2019, Timothy Corbett became State Street Global Advisors' Chief Risk Officer.

Past and Future Performance: Historic performance is not necessarily indicative of actual future investment performance, which could differ substantially.

# Appendix B: Important Disclosures

# **Important Disclosures**

For Investment Professional Use Only.

Investing involves risk including the risk of loss of principal.

The whole or any part of this work may not be reproduced, copied or transmitted or any of its contents disclosed to third parties without SSGA's express written consent.

Responsible-Factor (R Factor) scoring is designed by State Street to reflect certain ESG characteristics and does not represent investment performance. Results generated out of the scoring model is based on sustainability and corporate governance dimensions of a scored entity.

The returns on a portfolio of securities which exclude companies that do not meet the portfolio's specified ESG criteria may trail the returns on a portfolio of securities which include such companies. A portfolio's ESG criteria may result in the portfolio investing in industry sectors or securities which underperform the market as a whole.

Past performance is not an indicator of future results. Diversification does not ensure a profit or guarantee against loss.

Equity securities are volatile and can decline significantly in response to broad market and economic conditions.

Indexing strategies are managed with a passive investment strategy, attempting to track the performance of an unmanaged index of securities. As a result, indexing strategies may hold constituent securities of the Index regardless of the current or projected performance of a specific security, which could cause their return to be lower than if they employed an active strategy. While the strategy seeks to track the performance of the Index as closely as possible, its return may not match or achieve a high degree of correlation with the return of the Index due to operating expenses, transaction costs, cash flows and operational inefficiencies.

Foreign investments involve greater risks than US investments, including political and economic risks and the risk of currency fluctuations all of which may be magnified in emerging markets. Investing in foreign domiciled securities may involve risk of capital loss from unfavourable fluctuation in currency values, withholding taxes, from differences in generally accepted accounting principles or from economic or political instability in other nations. Investments in emerging or developing markets may be more volatile and less liquid than investing in developed markets and may involve exposure to economic structures that are generally less diverse and mature and to political systems which have less stability than those of more developed countries.

Currency Risk is a form of risk that arises from the change in price of one currency against another. Whenever investors or companies have assets or business operations across national borders, they face currency risk if their positions are not hedged.

The trademarks and service marks referenced herein are the property of their respective owners. Third party data providers make no warranties or representations of any kind relating to the accuracy, completeness or timeliness of the data and have no liability for damages of any kind relating to the use of such data.

Investing in futures is highly risky. Futures positions are considered highly leveraged because the initial margins are significantly smaller than the cash value of the contracts. There are a number of risks associated with futures investing including but not limited to counterparty credit risk, basis risk, currency risk, derivatives risk, foreign issuer exposure risk, sector concentration risk, leveraging and liquidity risks.

Derivative investments may involve risks such as potential illiquidity of the markets and additional risk of loss of principal.

ETFs trade like stocks, are subject to investment risk and will fluctuate in market value. The investment return and principal value of an investment will fluctuate in value, so that when shares are sold or redeemed, they may be worth more or less than when they were purchased. Although shares may be bought or sold on an exchange through any brokerage account, shares are not individually redeemable from the fund. Investors may acquire shares and tender them for redemption through the fund in large aggregations known as "creation units." Please see the fund's prospectus for more details.

Companies with large market capitalizations go in and out of favor based on market and economic conditions. Larger companies tend to be less volatile than companies with smaller market capitalizations. In exchange for this potentially lower risk, the value of the security may not rise as much as companies with smaller market capitalizations.

Investments in small/mid-sized companies may involve greater risks than in those of larger, better known companies.

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A Smart Beta strategy does not seek to replicate the performance of a specified cap-weighted index and as such may underperform such an index. The factors to which a Smart Beta strategy seeks to deliver exposure may themselves undergo cyclical performance. As such, a Smart Beta strategy may underperform the market or other Smart Beta strategies exposed to similar or other targeted factors. In fact, we believe that factor premia accrue over the long term (5-10 years), and investors must keep that long time horizon in mind when investing.

The information provided does not constitute investment advice and it should not be relied on as such. It should not be considered a solicitation to buy or an offer to sell a security. It does not take into account any investor's particular investment objectives, strategies, tax status or investment horizon. You should consult your tax and financial advisor. All information is from SSGA unless otherwise noted and has been obtained from sources believed to be reliable, but its accuracy is not guaranteed. There is no representation or warranty as to the current accuracy, reliability or completeness of, nor liability for, decisions based on such information and it should not be relied on as such.

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# Appendix C: Biographies

# **Biography**



#### **Kimberly Cook**

Kim is a Vice President at State Street Global Advisors and a Client Relationship Manager in the Institutional Client Group. She is responsible for managing client relationships with a focus on institutional clients located in the Western region of the United States, based in the San Francisco office.

Previously at SSGA, Kim managed institutional client relationships in the Mid-Atlantic region based in the Boston office. Prior to joining the Institutional Client Group, Kim worked in the firm's Portfolio Administration Group responsible for the operations of funds managed by both the Global Beta Equity Solutions and Tax Efficient Market Capture Portfolio Management teams. Prior to joining SSGA, Kim worked in client service at Acadian Asset Management following her role at State Street Bank and Trust as a Portfolio Accountant.

Kim received her Bachelors of Science in Business Administration with a concentration in Finance and minor in Economics from the University of New Hampshire. Kim holds the FINRA 7 and 63 registrations.



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 17

**TO:** Sacramento Regional Transit Retirement Boards – AFSCME

**FROM:** Jamie Adelman, AVP Finance & Treasury

**SUBJ:** 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 September 30, 2020 (AFSCME). (Adelman)

#### RECOMMENDATION

No Recommendation – For Information Only.

#### **RESULT OF 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). Under the Policy, the Boards meet at least once every eighteen (18) months with each investment manager to review the performance of the manager's investment, the manager's adherence to the Policy, and any material changes to the manager's 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, (6) Domestic Fixed-Income, and (7) Real Estate.

Atlanta Capital is the Retirement Boards' Domestic Small Capitalization Equity fund manager. Atlanta Capital will be presenting performance results for the quarter ended September 30, 2020, shown in Attachment 1, and answering any questions.





#### **High Quality Small Cap**

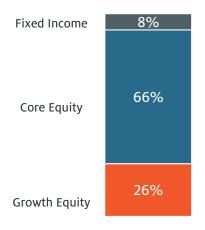
December 9, 2020 Portfolio Review Michael Jaje, CFA Investment Specialist & Principal (404) 682-2498 michael.jaje@atlcap.com

### Atlanta Capital Management Co., LLC

As of September 30, 2020

#### **Investment Franchises**

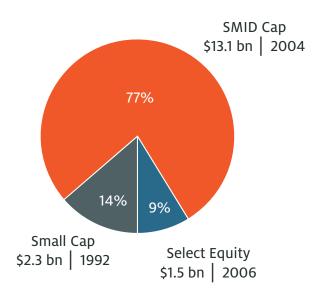
(\$25.6 Billion)



- Founded in 1969 in Atlanta, Georgia
- Singular focus on High Quality stocks and bonds
- Owned by employees & Eaton Vance Corp.
- Employ 38 professionals (17 are equity partners)

#### **Core Equity Management**

(\$16.9 Billion)



Assets under management | inception date of strategy

Assets under management are approximate. Source: Atlanta Capital as of September 30, 2020.



### **Seasoned & Stable Investment Team**

As of September 30, 2020

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



Chip Reed, CFA
Portfolio Manager
31 Yrs | 1998



Matt Hereford, CFA
Portfolio Manager
25 Yrs | 2002



Bill Bell, CFA
Portfolio Manager
25 Yrs | 1999



Michael Jaje, CFA Investment Specialist 26 Yrs | 2014

- · 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

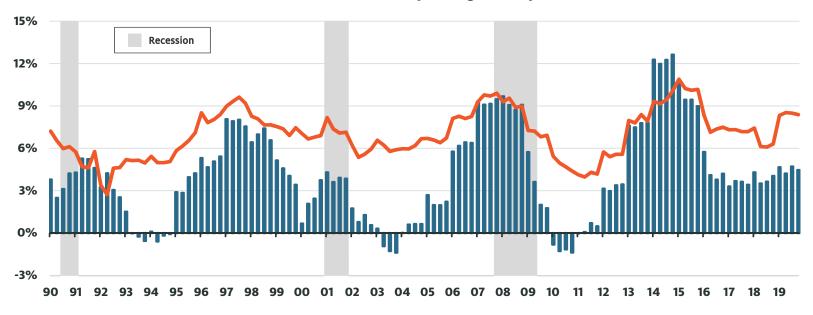
Years industry experience | year joined Atlanta Capital



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

Key Tenet of Our Investment Philosophy





Earnings Stability	Avg. 5-Year CAGR	Earnings Variability	# Positive Periods	# Negative Periods
High Quality Portfolio	7.0%	1.7%	120 or 100%	0 or 0%
Low Quality Portfolio	4.1%	3.3%	106 or 88%	14 or 12%

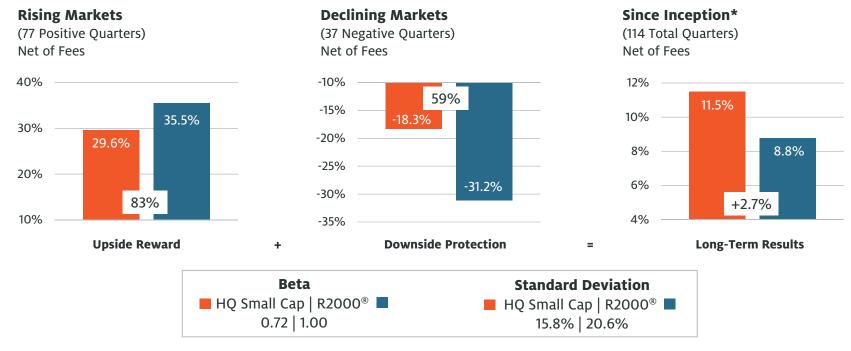
Time period: January 1, 1990 – December 31, 2019. This information is provided for general illustrative purposes only. The High Quality and Low Quality Research portfolios are provided to compare the aggregate earnings stability of all companies in the index with High Quality SPGMI Quality Rankings (B+ or Better) to those with Low Quality SPGMI Quality Rankings (B or Below). The High Quality Research and Low Quality Research portfolios are model portfolios formed and rebalanced monthly by Atlanta Capital. The universe includes all Russell 2000® Index constituents with SPGMI 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 an unmanaged index of 2,000 US small-cap stocks. Historical performance of the index and Research portfolios illustrates market trends and does not represent past or future performance of the strategy. The material is based upon information that Atlanta Capital considers to be reliable, however no assurances are provided. The material should not be considered investment advice or a recommendation to invest in a particular strategy. Reproduction or redistribution of this page in any form without express permission from Atlanta Capital is prohibited. Past performance is not a reliable indicator of future results. Sources: FTSE Russell, S&P Global, Wilshire Atlan, Atlanta Capital as of December 31, 2019.



### **High Quality Small Cap Investment Objective**

April 1, 1992 – September 30, 2020

Our objective is to participate in rising markets, protect capital during declining markets, and outperform over the long-term without the volatility typically associated with small cap investing.



\*The 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 since inception. Results for other time periods may differ from the long-term trend shown above. Rising markets are defined as quarters where the return of the Russell 2000® index was positive. Declining 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. Long-term investment returns include both rising and declining periods. Composite performance is calculated in US dollars and reflects reinvestment of all income and capital gains. Composite performance is shown net of investment advisory fees using a maximum annual investment management fee of 0.80% applied monthly; client results will be reduced by custody fees and other client expenses. Performance during certain periods reflects strong stock market performance that is not typical and may not be repeated. Individual client returns will vary due to fees, client-imposed investment 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. Please see the Composite's GIPS® compliant presentation at the end of this presentation for important additional information and disclosure. Past performance does not predict future results. Source: eVestment and Atlanta Capital as of September 30, 2020.



### **Disciplined Investment Process**

High Quality Small Cap Equity

Step 1 Create a 'Focus List' of High Quality Companies Exclude companies with: Equity Universe of Volatile earnings streams Companies with Short operating histories Market **Focus List** High levels of debt Capitalizations 150 – 200 within the Range Weak cash flow generation of Russell 2000® Low returns on capital Index Step 2 Conduct 'Onsite' Fundamental Research **Financial Strength** Step 3 Step 4 Shareholder-Oriented Management **Construct a Focused Yet Monitor Holdings &** Well-Diversified Portfolio **Review Focus List** Generally 60 - 70 holdings Prudent profit taking Innovative Business Model • 5% max position sizes · Change in management or business strategy • 30% absolute sector weights Deterioration of financial quality Overlooked & 17% 3-year average turnover\* Excessive valuation Russell 2000® Index **Under-Followed** \* Turnover based on a single representative client Attractive portfolio and subject to change; individual client results may vary. **Valuation** 



### **Annualized Performance**

### Sacramento Regional Transit District

Total Returns (%)	QTD	YTD	1 Yr	3 Yrs*	5 Yrs*	7 Yrs*	10 Yrs*	Since Inception*
High Quality Small Cap	3.18	-6.41	-2.28	8.53	11.74	10.41	13.78	12.81
Russell 2000® Index	4.93	-8.69	0.39	1.77	8.00	6.42	9.85	8.61

Account Summary			
Performance Inception Date:	April 22, 2010		
Net Investment Contributions:	\$624,188		
Investment Dollars Earned:	\$25,587,946		
Market Value (09/30/20):	\$26,212,134		

The unmanaged benchmark index returns are shown for comparative purposes only and do not reflect the subtraction of any fees or transaction costs. It is not possible to directly invest in an index. Portfolio returns are gross of management fees unless otherwise noted. The deduction of an advisory fee would reduce an investor's return.

Past performance is not indicative of future results. All investments subject to loss. Please refer to the disclosures at the end of this presentation.

Source: ICE Data Services and Atlanta Capital as of September 30, 2020.



<sup>\*</sup>Performance returns over one year are annualized.

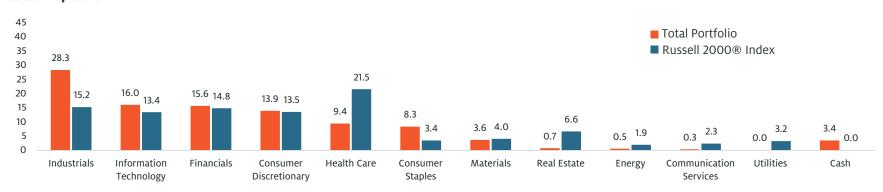
### **Portfolio Characteristics**

### Sacramento Regional Transit District

Top Ten Holdings (%)	
Manhattan Associates	3.1
CoreLogic	3.0
Kinsale Capital Group Inc.	3.0
Choice Hotels Int'l	2.9
Dorman Products	2.9
ICU Medical	2.8
Columbia Sportswear	2.6
Houlihan Lokey, Inc.	2.4
Integra LifeSciences	2.4
Moog	2.3

Portfolio Metrics	Russell 2000® Index	Total Portfolio
# of Holdings	2,019	62
Wtd. Avg. Mkt. Cap (billions)	\$2.4	\$3.3
Historical Earnings Growth	11%	9%
Forecasted Earnings Growth	14%	10%
Return on Equity	1%	14%
P/E (NTM, Excl. Neg. Earn.)	16.3x	21.1x
Dividend Yield	1.3%	1.0%

#### **Sector Exposure**



Source: FactSet and Atlanta Capital as of September 30, 2020.



### **Portfolio Transactions for the Quarter**

### Sacramento Regional Transit District

New Purchases	Sector	
Hamilton Lane Inc Class A	Financials	Is an alternative investment firm that provides private equity asset management and advisory services. Positive inflows and durable management fees should lead to stable and growing earnings.
McGrath RentCorp	Industrials	Offers rental products including modular buildings/classrooms, storage containers, and electronic test equipment. Attractive valuation and positive exposure to recovery and 5G cellular buildout.
TechTarget Inc	Communication Services	Provides research support to IT buyers and purchase intent information to technology vendors. New product offerings create opportunity for margin expansion and increased client ROI.
Yeti Holdings Inc	Consumer Discretionary	Designs and manufactures premium products for outdoor and recreational use. Strong direct to consumer distribution, and premium aspirational brand pricing should drive strong margins and earnings.

Complete Sales	Sector	
Morningstar	Financials	Provides investment research and services to financial professionals. We sold the position as the company's market capitalization appreciated to the high end of our range.

Any investment views, opinions/analyses, and forecasts expressed constitute judgments as of the date of this presentation and are subject to change at any time without notice. Future results may differ from forecasts. Source: Atlanta Capital as of September 30, 2020.



# **Current Portfolio Holdings**

# Sacramento Regional Transit District

Consumer	Discretionary (%)	13.5	13.9
CHH	Choice Hotels Int'l		2.9
COLM	Columbia Sportswear		2.6
DORM	Dorman Products		2.9
FTDR	Frontdoor Inc.		1.4
MNRO	Monro		0.7
SBH	Sally Beauty Hldgs.		0.6
WWW	Wolverine World Wide		2.0
YETI	Yeti Holdings Inc		0.7
Consumer	Staples (%)	3.4	8.3
CASY	Casey's General Stores		2.1
CENT	Central Garden & Pet Co.		1.2
IPAR	Inter Parfums		2.0
JJSF	J&J Snack Foods Corp.		1.9
LANC	Lancaster Colony Corp.		1.0
Energy (%	b)	1.9	0.5
DRQ	Dril-Quip		0.5
DIVQ			
Financials	(%)	14.8	15.6
	(%) Artisan Partners	14.8	15.6 1.8
Financials	` '	14.8	
Financials APAM	Artisan Partners	14.8	1.8
Financials  APAM FHN	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc.	14.8	1.8 1.0
Financials  APAM FHN HLNE HLI KNSL	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc.	14.8	1.8 1.0 0.8 2.4 3.0
Financials  APAM FHN HLNE HLI KNSL PNFP	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc. Pinnacle Fin'l Partners	14.8	1.8 1.0 0.8 2.4 3.0 1.1
Financials APAM FHN HLNE HLI KNSL PNFP PB	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc. Pinnacle Fin'l Partners Prosperity Bancshares	14.8	1.8 1.0 0.8 2.4 3.0 1.1 0.8
Financials  APAM FHN HLNE HLI KNSL PNFP PB RLI	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc. Pinnacle Fin'l Partners Prosperity Bancshares RLI Corp.	14.8	1.8 1.0 0.8 2.4 3.0 1.1 0.8 1.6
Financials  APAM FHN HLNE HLI KNSL PNFP PB RLI SSB	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc. Pinnacle Fin'l Partners Prosperity Bancshares RLI Corp. South State Corp.	14.8	1.8 1.0 0.8 2.4 3.0 1.1 0.8 1.6
Financials  APAM FHN HLNE HLI KNSL PNFP PB RLI	Artisan Partners First Horizon National Corp Hamilton Lane Inc Class A Houlihan Lokey, Inc. Kinsale Capital Group Inc. Pinnacle Fin'l Partners Prosperity Bancshares RLI Corp.	14.8	1.8 1.0 0.8 2.4 3.0 1.1 0.8 1.6

Health C	are (%)	21.5	9.4
EBS	Emergent BioSolutions Inc.		2.1
ICUI	ICU Medical		2.8
IART	Integra LifeSciences		2.4
MLAB	Mesa Laboratories Inc.		1.3
PDCO	Patterson Companies		0.9
Industria	ls (%)	15.2	28.3
AAON	AAON		1.0
ALG	Alamo Group Inc		1.3
BECN	Beacon Roofing Supply		2.1
CB7	CBIZ Inc.		1.4
CLGX	CoreLogic		3.0
FXPO	Exponent		1.7
FWRD	Forward Air		1.9
FCN	FTI Consulting		2.0
HURN	Huron Consulting Group		1.2
KEX	Kirby Corp.		1.0
LSTR	Landstar System		1.9
MGRC	McGrath RentCorp		0.9
MOG.A	Moog		2.3
RAVN	Raven Industries		0.9
SSD	Simpson Manufacturing Co Inc		2.0
UNF	UniFirst Corp.		2.1
ECOL	US Ecology		0.9
WWD	Woodward Inc		0.8

Commun	ication Services (%)	2.3	0.3						
TTGT	TechTarget Inc		0.3						
Information Technology (%) 13.4 16									
	<b>3</b> , , ,	.5							
ACIW	ACI Worldwide Inc.		1.8						
BLKB	Blackbaud		1.9						
CASS	Cass Information Sys		1.0						
ENV	Envestnet		2.0						
PLUS	ePlus		1.3						
MANH	Manhattan Associates		3.1						
NATI	National Instruments		1.3						
POWI	Power Integrations		1.3						
QLYS	Qualys Inc.		2.3						
Materials	5 (%)	4.0	3.6						
BCPC	Balchem Corp.		1.0						
SLGN	Silgan Holdings		1.6						
SCL	Stepan Co.		1.1						
Real Esta	te (%)	6.6	0.7						
UHT	Universal Health Realty		0.7						
Utilities	(%)	3.2	0.0						
Cash (%	)	0.0	3.4						

Source: FactSet and Atlanta Capital as of September 30, 2020.



High Quality Small Cap
Russell 2000® Index

# **Investment Outlook & Strategy**

# High Quality Small Cap

### **Investment Outlook**

- Cyclical rallies are often led by low quality factors and that is largely what we have seen in small cap markets since the March 2020 pandemic lows.
- Stocks with no/negative earnings (roughly 31% of the Russell 2000® index), have outperformed in the 3rd quarter and year-to-date. Stocks with low return on invested capital (ROIC) have also outperformed better ROIC stocks.
- While low quality factors like these are a near-term challenge to high quality strategies, we remain committed to investing in higher quality companies with positive earnings, strong balance sheets, and strong levels of profitability.

## **Portfolio Positioning**

- During the quarter, we added four new holdings and sold one entirely.
- At quarter end, the representative portfolio held 62 stocks representing ten of the eleven economic sectors in the Russell 2000®.
- Relative to the benchmark, the portfolio was overweight Industrials, Technology, Consumer Staples, Financials, and Consumer Discretionary.
- The portfolio was underweight Health Care, Real Estate, Communication Services, Energy, and Materials. There are no positions in Utilities.

Any investment views, opinions/analyses, and forecasts expressed constitute judgments as of the date of this presentation and are subject to change at any time without notice. Future results may differ from forecasts. Source: Atlanta Capital as of September 30, 2020.



# **GIPS®** Performance Information and Disclosure

# High Quality Small Capitalization Composite

#### As of December 31, 2019

Period	Composite Gross Return (%)	Composite Net Return (%)	Russell 2000® Return (%)	Composite 3-yr Std. Dev. (%)	Russell 2000 <sup>®</sup> 3-yr Std. Dev. (%)	Number of Portfolios	Internal Dispersion (%)	Composite Assets (\$mil)	Firm Assets (\$mil)
2019 <sup>1</sup>	27.08	26.09	25.53	12.67	15.71	44	0.18	1,712	25,479
2018	1.66	0.85	-11.01	11.99	15.79	46	0.29	1,490	19,188
2017	14.77	13.87	14.65	10.95	13.91	49	0.21	1,551	20,606
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

Period 01/01/2019 through 12/31/2019. 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 June 30, 2019.

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 June 30, 2019. The verification and performance examination reports are available upon request.

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; total firm assets include discretionary and nondiscretionary accounts for which the firm has investment responsibility.

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 composite's benchmark is the Russell 2000® Index, a widely accepted measure of the small-cap segment of the U.S. equity universe. The index includes the smallest 2000 companies in the Russell 3000®. Prior to July 1, 2005, the composite was also compared to the Russell 2000® Value Index as 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. As of July 1, 2015, to clarify our process for potential clients, we determined that it was most appropriate to benchmark our performance results against the Russell 2000® Index only. The investment process for this strategy is not limited by the relative weights of a benchmark. Strategy deviations from the benchmark may include but are not limited to such factors as active management, exclusion/inclusion of securities held/not held in the index, over/underweighting specific sectors or securities, limitations in market cap, and/or client constraints. Indexes include the reinvestment of dividends and earnings, are unmanaged, and do not incur management fees, transaction costs or other expenses associated with separately managed accounts. It is not possible to directly invest in an index.

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 custodial 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 will reduce a 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 \$150 million. Actual management fees incurred by clients may vary.

Composite 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. Internal dispersion is shown only for composites that held at least six accounts 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 to Composite:** 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 and/or the strong performance of stocks held during those periods. This performance is not typical and may not be repeated. Investing entails risks and there is always the possibility of loss.

**Other Matters:** The Firm's list of composite descriptions and policies for valuing portfolios, calculating 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. **Past performance does not predict future results.** 

	Annualized Returns (%) for Periods Ending December 31, 2019 Cumulative (%)							
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	27.08	14.03	13.15	15.46	15.61	13.01	2877.31	
Composite Net of Fees	26.09	13.14	12.26	14.55	14.71	12.11	2287.34	
Russell 2000® Index	25.53	8.59	8.23	11.65	11.83	9.37	1101.90	

<sup>\*</sup>Inception date is April 1, 1992. E7 01.15.20



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 18

**TO:** Sacramento Regional Transit Retirement Boards – AFSCME

**FROM:** Jamie Adelman, AVP Finance & Treasury

**SUBJ:** RECEIVE AND FILE INVESTMENT PERFORMANCE RESULTS FOR THE

ATU, IBEW AND SALARIED EMPLOYEE RETIREMENT PLANS FOR THE

QUARTER ENDED SEPTEMBER 30, 2020 (AFSCME). (ADELMAN)

### **RECOMMENDATION**

Motion to Approve.

### **RESULT OF RECOMMENDED ACTION**

Motion: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended September 30, 2020 (AFSCME). (Adelman)

## 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 Third Quarter 2020 Market Update (Attachment 1) and the second is the Investment Measurement Service Quarterly Review as of September 30, 2020 (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 September 30, 2020. The second report compares the performance of each investment manager with benchmark indices, other fund managers of similarly invested portfolios and other indices.

## **Investment Compliance Monitoring**

In accordance with the Statement of Investment Objectives and Policy Guidelines for the Sacramento Regional Transit District Retirement Plans (Investment Policy), Northern Trust Company performs daily investment compliance monitoring on the Plans' three (3) actively managed funds. As of September 30, 2020, there were no compliance warnings or alerts to be reported; 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 September 30, 2020 – 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	5.59%	3.75%	\$1,805,157	-
S&P 500 Index (large cap value) S&P 500	8.93%	8.93%	\$4,655,874	\$(1,344,792)
Atlanta Capital (small cap) Russell 2000	4.93%	3.18%	\$807,308	-
Pyrford (international equities) MSCI EAFE	4.80%	2.98%	\$845,125	-
MSCI EAFE Index (international equities) MSCI EAFE	4.80%	4.83%	\$660,819	-
AQR (small cap international equities) MSCI EAFE SC	10.25%	9.60%	\$1,428,715	-
Dimensional Fund Advisors (emerging markets) MSCI EM	9.56%	8.59%	\$1,614,414	-
Metropolitan West (fixed income) Bloomberg Agg.	0.62%	1.37%	\$1,336,642	-
Totals	5.26%	4.41%	\$13,154,054	\$(1,344,792)

**Bold** – fund exceeding respective benchmark

The table below provides an overview of the year to date performance, as of September 30, 2020 – 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	(5.03%)	(7.09%)	\$(3,182,539)	\$5,850,000
S&P 500 Index (large cap value) S&P 500	15.15%	15.07%	\$ 7,551,220	\$(2,377,091)
Atlanta Capital (small cap) Russell 2000	0.39%	(2.99%)	\$(736,555)	\$600,000
Pyrford (international equities) MSCI EAFE	0.49%	0.71%	\$258,947	\$1,200,000
MSCI EAFE Index (international equities) MSCI EAFE	0.49%	0.81%	\$436,400	\$2,600,000
AQR (small cap international equities) MSCI EAFE SC	6.84%	3.90%	\$704,592	\$3,050,000
Dimensional Fund Advisors (emerging markets) MSCI EM	10.54%	3.81%	\$1,179,165	\$3,600,000
Metropolitan West (fixed income) Bloomberg Agg.	6.98%	7.59%	\$7,687,279	\$(19,130,975)
Totals	9.03%	4.86%	\$13,898,508	\$(4,608,066)

**Bold** – fund exceeding respective benchmark

# Callan

December 9, 2020

# Sacramento Regional Transit District

Third Quarter 2020 Market Update

## **Anne Heaphy**

Fund Sponsor Consulting

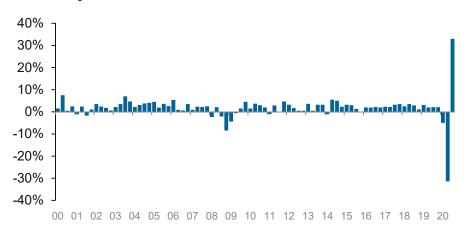
Uvan Tseng, CFA

Fund Sponsor Consulting

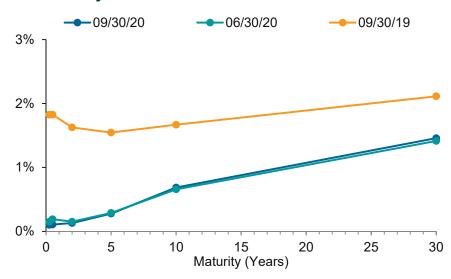
# **Economic Commentary**

## Third Quarter 2020

## **Quarterly Real GDP Growth\***



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



## **3Q GDP Bounces Back**

- -3Q gain of 33% after the largest decline on record in the 2Q (-31.4%)
- Retail sales, durable goods, and personal spending rebounded in 2Q and 3Q, but growth slowed in August and September.

## Other Measures Show Improvement As Well

- Unemployment dropped to 7.9% in September from 14.7% April peak.
  - Jobless claims decelerated to less than 1 million per week, but are still elevated relative to prior recession peaks.
- Housing benefiting from relatively low mortgage rates

Fed left rates close to 0% and expects to be on hold until at least 2023.



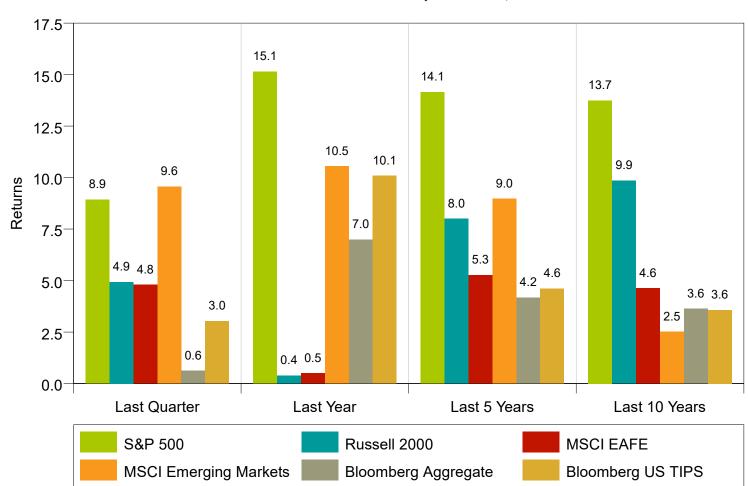
\*Preliminary estimate for 3Q20. Sources: Bloomberg, Bureau of Labor Statistics, Callan, IHS Markit



## **Asset Class Performance**

## Periods Ended September 30, 2020

# Asset Class Performance for Periods Ended September 30, 2020



## YTD as of 12/08/2020:

S&P 500:

Russell 2000:

MSCI EAFE:

MSCI Emerging Markets:

Bloomberg Aggregate:

Bloomberg TIPS:



## **U.S. Equity Performance**

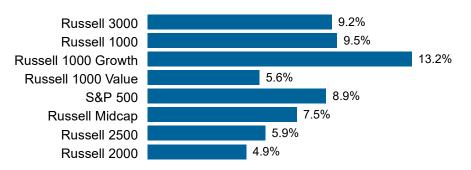
### **Gains Year-to-Date**

- Performance continues to shine amid pandemic
- S&P +8.9% for the quarter, bringing YTD return to +5.6%.
  - Consumer Discretionary (+15%) and Industrials (+13%) dominated, with Tech (+12%) a close third in risk-on market.
  - S&P 500 YTD would be negative if not for Facebook, Microsoft,
     Amazon, Alphabet, and Apple, representing 33% of the return.
- YTD, pandemic punishing some sectors while rewarding others.
  - Tech +29% YTD; Cons. Disc. +23% (online retailers +60%)
  - Energy -48% amid declining crude and natural gas prices
  - Demand from hotels/cruise lines/airlines down as industries have dropped 40%+

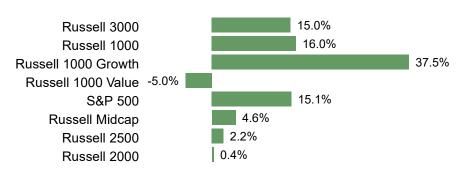
## Small cap reverses to trail large cap

- Following a stellar 2Q20 recovery, small cap trailed large.
  - Remains behind large cap by a wide margin over last 12 months
- Growth continues to outpace value across market caps.
- Growth, value dispersion near all-time high driven by Tech.
- Growth stock P/E near 2x historical average across market caps.

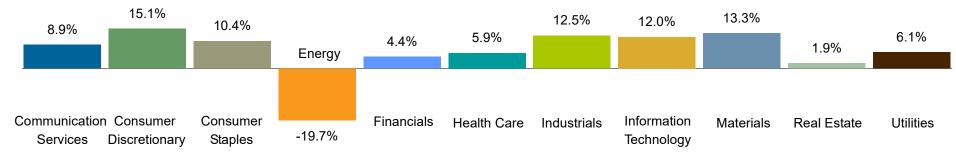
### **U.S. Equity: Quarterly Returns**



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



### **Industry Sector Quarterly Performance (S&P 500)**



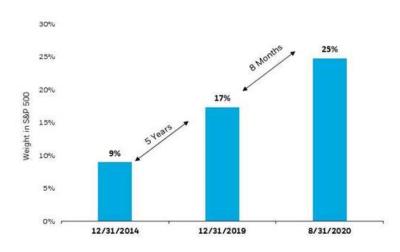
Sources: FTSE Russell, S&P Dow Jones Indices



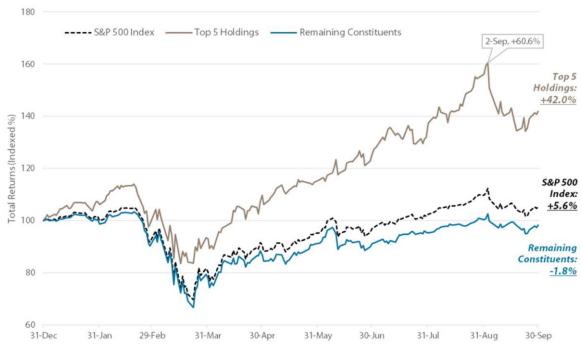
## **S&P 500 Index Concentration**

- A handful of securities continues to drive both large cap core and growth indices higher.
- Today's index concentration surpasses levels seen in the late 90's Dot-Com boom.
- Index concentration of the top five names is at 5 standard deviations above the 30-year average level of approximately 13%.

### **FAANG+M** Weight Changes in the S&P 500



### Year-to-Date Total Returns as of 9/30/20



Sources: Dana Investment Advisors, Factset Research Systems, Morningstar



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

Periods Ended September 30, 2020

	Value	3Q 2020 Core	Growth		Annualized 1 Year Returns Value Core Growth				
Large	5.2%	10.2%	14.0%	Large	-3.9%	20.4%	41.2%		
Mid	6.4%	7.5%	9.4%	Mid	-7.3%	4.6%	23.2%		
Small	2.6%	4.9%	7.2%	Small	-14.9%	0.4%	15.7%		

## Growth outpaced value.

 Growth outperformed value once again during the third quarter due to its technology exposure and the spread is even more stark on a one year basis.

## Performance by capitalization inline by size with large cap performing the best

- Same story on a one year basis

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



## Global ex-U.S. Equity Performance

## Continued recovery into 3Q20

- Returns broadly positive across developed and emerging markets but muted YTD.
- Recent support from ultra-low interest rates and upward earnings revisions.
- Emerging markets recovery driven by global risk-on environment;
   key countries within emerging markets (China and South Korea)
   have better managed the pandemic.
- Small cap continued to outperform large as lockdowns eased and business confidence improved.

## Rebound for cyclicals

- Materials, Industrials, and Consumer Discretionary outperformed as consumption and production resumed.
- Factor performance led by momentum (rebound) and volatility (risk-on market mentality).

## U.S. dollar vs. other currencies

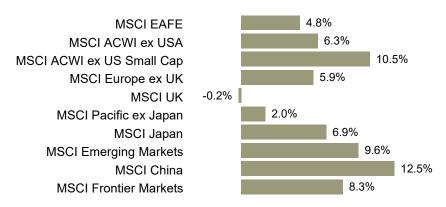
 U.S. dollar lost ground versus every developed market currency on expectation of lower-for-longer U.S. rates due to Fed's shift in approach toward inflation and employment.

### Growth vs. value

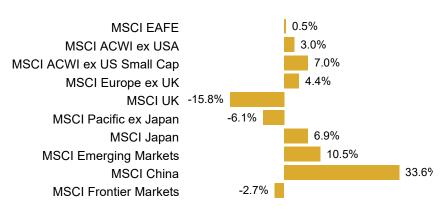
- Growth continued to outperform value.
- Extremely narrow market with performance dominated by Tech.

### Source: MSCI

### **Global Equity: Quarterly Returns**



## **Global Equity: One-Year Returns**





## **U.S. Fixed Income Performance**

## Treasury yields largely unchanged

- 10-year US Treasury yield at 0.69% in 3Q20, up 3 bps from 2Q20 but off sharply from year-end level of 1.92%.
- TIPS did well as inflation expectations rose from 1.34% to 1.63%.
- -No rate hikes expected until at least 2023.

## Bloomberg Barclays Aggregate roughly flat

- Corporate and CMBS the strongest investment grade sectors as investors hunted for yield.
- Corporate supply (\$1 trillion YTD) at a record as companies rushed to take advantage of ultra-low interest rates.

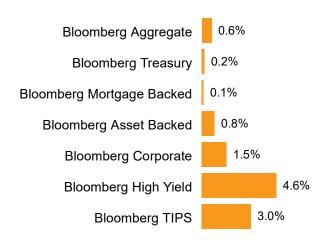
## Risk-on sentiment helped high yield and loans

- Non-investment grade sectors rallied, but remain roughly flat YTD.
- The high yield bond market also experienced high levels of net new issuance (over \$120 billion YTD).

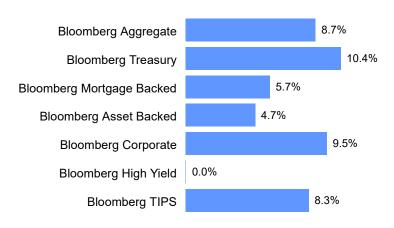
## Munis boosted by favorable supply/demand dynamics

- Robust demand and muted supply of tax-exempt municipals.
- Issuance in taxable municipals sharply higher.
- Tax revenues better than expected, but challenges remain and stimulus uncertain (but needed).

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



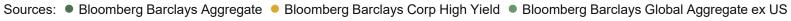
### **U.S. Fixed Income: One-Year Returns**





# **Callan Periodic Table of Investment Returns**

A	nnual Retur	ns	Monthly Returns									
2017	2018	2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	YTD 2020
Emerging Market Equity	U.S. Fixed Income	Large Cap Equity	U.S. Fixed Income	U.S. Fixed Income	U.S. Fixed Income	Small Cap Equity	Small Cap Equity	Emerging Market Equity	Emerging Market Equity	Large Cap Equity	U.S. Fixed Income	U.S. Fixed Income
37.28%	0.01%	31.49%	1.92%	1.80%	-0.59%	13.74%	6.51%	7.35%	8.94%	7.19%	-0.05%	6.79%
Dev ex-U.S. Equity	High Yield	Small Cap Equity	Real Estate	Global ex-U.S. Fixed Income	Global ex-U.S. Fixed Income	Large Cap Equity	Large Cap Equity	Small Cap Equity	Large Cap Equity	Small Cap Equity	Global ex-U.S. Fixed Income	Large Cap Equity
24.21%	-2.08%	25.52%	0.84%	-0.20%	-3.22%	12.82%	4.76%	3.53%	5.64%	5.63%	-0.58%	5.57%
Large Cap Equity	Global ex-U.S. Fixed Income	Dev ex-U.S. Equity	Global ex-U.S. Fixed Income	High Yield	High Yield	Emerging Market Equity	High Yield	Dev ex-U.S. Equity	High Yield	Dev ex-U.S. Equity	High Yield	Global ex-U.S. Fixed Income
21.83%	-2.15%	22.49%	0.76%	-1.41%	-11.46%	9.16%	4.41%	3.42%	4.69%	5.16%	-1.03%	4.77%
Small Cap Equity	Large Cap Equity	Real Estate	High Yield	Emerging Market Equity	Large Cap Equity	Real Estate	Dev ex-U.S. Equity	Real Estate	Global ex-U.S. Fixed Income	Real Estate	Emerging Market Equity	High Yield
14.65%	-4.38%	21.91%	0.03%	-5.27%	-12.35%	7.06%	4.25%	2.57%	4.44%	2.52%	-1.60%	0.62%
Global ex-U.S. Fixed Income	Real Estate	Emerging Market Equity	Large Cap Equity	Large Cap Equity	Dev ex-U.S. Equity	Dev ex-U.S. Equity	Emerging Market Equity	Large Cap Equity	Real Estate	Emerging Market Equity	Dev ex-U.S. Equity	Emerging Market Equity
10.51%	-5.63%	18.44%	-0.04%	-8.23%	-14.12%	6.97%	0.77%	1.99%	2.78%	2.21%	-2.82%	-1.16%
Real Estate	Small Cap Equity	High Yield	Dev ex-U.S. Equity	Real Estate	Emerging Market Equity	High Yield	U.S. Fixed Income	Global ex-U.S. Fixed Income	Small Cap Equity	High Yield	Real Estate	Dev ex-U.S. Equity
10.36%	-11.01%	14.32%	-1.94%	-8.24%	-15.40%	4.51%	0.47%	1.01%	2.77%	0.95%	-3.11%	-7.13%
High Yield	Dev ex-U.S. Equity	U.S. Fixed Income	Small Cap Equity	Small Cap Equity	Small Cap Equity	Global ex-U.S. Fixed Income	Global ex-U.S. Fixed Income	High Yield	Dev ex-U.S. Equity	Global ex-U.S. Fixed Income	Small Cap Equity	Small Cap Equity
7.50%	-14.09%	8.72%	-3.21%	-8.42%	-21.73%	2.04%	0.30%	0.98%	2.66%	0.29%	-3.34%	-8.69%
U.S. Fixed Income	Emerging Market Equity	Global ex-U.S. Fixed Income	Emerging Market Equity	Dev ex-U.S. Equity	Real Estate	U.S. Fixed Income	Real Estate	U.S. Fixed Income	U.S. Fixed Income	U.S. Fixed Income	Large Cap Equity	Real Estate
3.54%	-14.57%	5.09%	-4.66%	-8.88%	-22.76%	1.78%	0.23%	0.63%	1.49%	-0.81%	-3.80%	-19.69%



<sup>●</sup> FTSE EPRA Nareit Developed ● MSCI World ex USA ● MSCI Emerging Markets ● Russell 2000 ● S&P 500



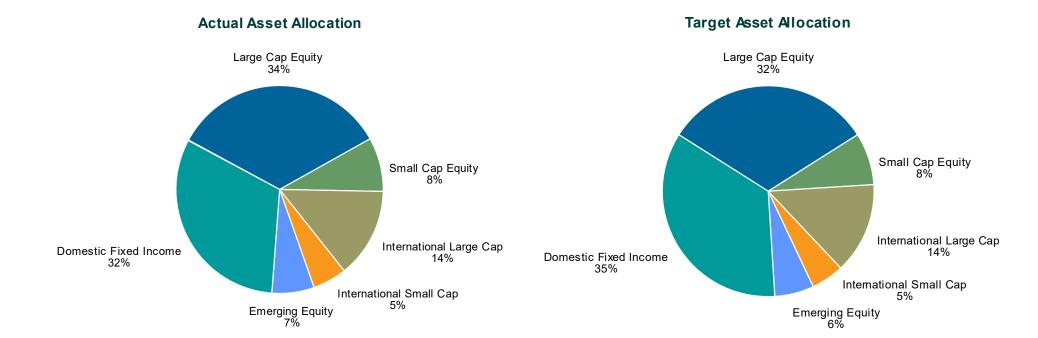
# Callan

Sacramento Regional Transit District

Total Fund Overview

## **RT Asset Allocation**

# As of September 30, 2020



	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Large Cap Equity	106,037	34.0%	32.0%	2.0%	6,276
Small Cap Equity	26,212	8.4%	8.0%	0.4%	1,272
International Large Cap	43,534	14.0%	14.0%	(0.0%)	(111)
International Small Cap	16,675	5.3%	5.0%	0.3%	1,088
Emerging Equity	20,661	6.6%	6.0%	0.6%	1,956
Domestic Fixed Income	98,632	31.6%	35.0%	(3.4%)	(10,481)
Total	311,752	100.0%	100.0%	•	,



# **Total Fund**

## Performance Attribution

## Relative Attribution Effects for Quarter ended September 30, 2020

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	34%	32%	6.45%	8.93%	(0.84%)	0.05%	(0.79%)
Small Cap Equity	9%	8%	3.18%	4.93%	(0.15%)	(0.00%)	(0.16%)
International Large C	Cap 14%	14%	3.58%	4.80%	(0.17%)	(0.00%)	(0.17%)
International Small C	cap 5%	5%	9.60%	10.25%	(0.03%)	`0.01%´	(0.03%)
Emerging Equity	7%	6%	8.59%	9.56%	(0.06%)	0.01%	(0.05%)
Domestic Fixed Inco	me 32%	35%	1.37%	0.62%	0.25%	0.11%	<u>0.35%</u>
Total			4.41% =	5.26%	+ (1.01%) +	0.17%	(0.84%)

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

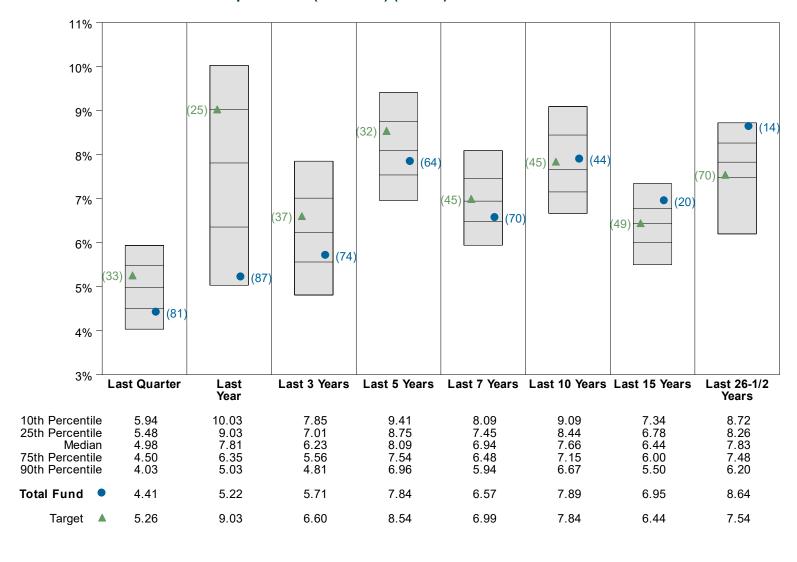
Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	33%	32%	4.34%	15.15%	(3.44%)	(0.06%)	(3.50%)
Small Cap Equity	8%	8%	(2.27%)	0.39%	(0.35%)	(0.06%)	(0.41%)
International Large C	Cap 13%	14%	`1.46%´	0.49%	`0.09%´	`0.09%´	`0.19%´
International Small C		5%	4.79%	6.84%	(0.09%)	0.02%	(0.06%)
Emerging Equity	6%	6%	4.32%	10.54%	(0.32%)	0.03%	(0.29%)
Domestic Fixed Inco	me 35%	35%	7.86%	6.98%	`0.25%´	(0.00%)	_`0.24%´_
		·					
Total			5.22% =	9.03% +	(3.84%) +	0.02%	(3.81%)



## **Total Fund**

## Performance as of September 30, 2020

## Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)





**Total Fund** 

# Manager Asset Allocation

	September 30, 2020	1		June 30, 2020
	Market Value	Net New Inv.	Inv. Return	Market Value
Consolidated Plan				
Domestic Equity	\$132,248,883	\$(1,344,792)	\$7,268,340	\$126,325,335
Large Cap	\$106,036,703	\$(1,344,792)	\$6,461,031	\$100,920,464
Boston Partners	49,923,228	0	1,805,157	48,118,071
SSgA S&P 500	56,113,475	(1,344,792)	4,655,874	52,802,393
Small Cap	\$26,212,180	\$0	\$807,308	\$25,404,871
Atlanta Capital	26,212,180	0	807,308	25,404,871
International Equity	\$80,870,505	\$0	\$4,549,074	\$76,321,431
International Large Cap	\$43,534,099	\$0	\$1,505,945	\$42,028,154
SSgA EAFE	14,332,512	0	660,819	13,671,693
Py rf ord	29,201,587	0	845,125	28,356,461
International Small Cap	\$16,675,477	\$0	\$1,428,715	\$15,246,762
AQR	16,675,477	0	1,428,715	15,246,762
Emerging Equity	\$20,660,929	\$0	\$1,614,414	\$19,046,515
DFA Emerging Markets	20,660,929	0	1,614,414	19,046,515
Fixed Income	\$98,632,389	\$0	\$1,336,642	\$97,295,748
Metropolitan West	98,632,389	0	1,336,642	97,295,748
Total Plan - Consolidated	\$311,751,778	<b>\$(1,344,790)</b>	\$13,154,054	\$299,942,514



**Total Fund** Manager Returns as of September 30, 2020

		land land		Last	Last	
	Last Quarter	Last Year	3 Years	5 Years	7 Years	
Domontio Equity	5.79%	2.95%	7.46%	11.03%	10.08%	
Domestic Equity	5.79% 8.13%	2. <b>95%</b> 12.17%	7. <b>46%</b> 10.18%	11.03% 12.97%	11.49%	
Domestic Equity Benchmark**	8.13%	12.17%	10.18%	12.97%	11.49%	
Large Cap Equity	6.45%	4.34%	7.15%	10.83%	9.99%	
Boston Partners	3.75%	(6.76%)	1.71%	7.22%	7.07%	
Russell 1000 Value Index	5.59%	(5.03%)	2.63%	7.66%	7.35%	
SSgAS&P 500	8.93%	15.12%	12.28%	14.17%	12.71%	
S&P 500 Index	8.93%	15.15%	12.28%	14.15%	12.68%	
Small Cap Equity	3.18%	(2.27%)	8.52%	11.74%	10.40%	
Atlanta Capital	3.18%	(2.27%)	8.52%	11.74%	10.40%	
Russell 2000 Index	4.93%	0.39%	1.77%	8.00%	6.42%	
International Equity	6.03%	2.98%	0.87%	5.89%	3.05%	
International Benchmark***	7.06%	4.25%	1.29%	6.47%	3.44%	
International Large Cap	3.58%	1.46%	1.78%	5.75%	3.25%	
SSgA EAFE	4.83%	0.91%	0.99%	5.65%	3.36%	
Pyrford	2.98%	1.35%	2.00%	J.0570 -	3.30 70 -	
MSCI EAFE Index	4.80%	0.49%	0.62%	5.26%	3.01%	
International Small Cap	9.60%	4.79%	(1.40%)	-	-	
AQR	9.60%	4.79%	(1.40%)	-	-	
MSCI EAFE Small Cap Index	10.25%	6.84%	1.40%	7.37%	5.70%	
Emerging Markets Equity	8.59%	4.32%	0.34%	7.75%	3.41%	
DFA Emerging Markets	8.59%	4.32%	0.34%	7.75%	3.41%	
MSCI Emerging Markets Index	9.56%	10.54%	2.42%	8.97%	3.75%	
Domestic Fixed Income	1.37%	7.86%	6.29%	4.94%	4.55%	
Met West	1.37%	7.86% 7.86%	6.29%	4.94% 4.94%	4.55% 4.55%	
Bloomberg Aggregate Index	0.62%	7.86% 6.98%	5.24%	4.94% 4.18%	4.55% 3.97%	
	J.UL 70	0.5070	<b>3.2</b> + 70	1.1070	J.01 70	
Total Plan	4.41%	5.22%	5.71%	7.84%	6.57%	
Target*	5.26%	9.03%	6.60%	8.54%	6.99%	

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.



<sup>\*</sup> Current Quarter Target = 35.0% Bloomberg Aggregate Index, 32.0% S&P 500 Index, 14.0% MSCI EAFE Index, 8.0% Russell 2000 Index, 6.0% MSCI Emerging Markets Index, and 5.0% MSCI EAFE Small Cap Index. 
\*\* Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20%

## **Total Fund**

# Manager Calendar Year Returns

	12/2019-				
	9/2020	2019	2018	2017	2016
Domestic Equity	(4.46%)	27.71%	(4.64%)	19.78%	14.58%
Domestic Equity Benchmark**	2.68%	30.32%	(5.69%)	20.41%	13.85%
Large Cap Equity	(3.96%)	27.77%	(6.33%)	21.10%	13.38%
Boston Partners	(13.81%)	23.91%	(8.27%)	20.32%	14.71%
Russell 1000 Value Index	(11.58%)	26.54%	(8.27%)	13.66%	17.34%
SSgA S&P 500	5.54%	31.50%	(4.39%)	21.86%	12.03%
S&P 500 Index	5.57%	31.49%	(4.38%)	21.83%	11.96%
Small Cap Equity	(6.41%)	27.38%	1.78%	15.01%	19.17%
Atlanta Capital	(6.41%)	27.38%	1.78%	15.01%	19.17%
Russell 2000 Index	(8.69%)	25.52%	(11.01%)	14.65%	21.31%
International Equity	(6.22%)	20.83%	(13.93%)	28.25%	2.55%
International Benchmark***	(4.99%)	21.78%	(14.76%)	29.51%	3.26%
international benchmark	(4.99%)	21.7070	(14.70%)	29.5170	3.2070
International Large Cap	(6.49%)	22.34%	(11.25%)	22.63%	1.35%
SSgA EAFE	(6.73%)	22.49%	(13.49%)	25.47%	1.37%
Pyrford	(6.70%)	22.30%	(10.31%)	-	-
MSCI EAFE Index	(7.09%)	22.01%	(13.79%)	25.03%	1.00%
International Small Cap	(7.01%)	21.73%	(19.94%)	33.76%	-
AQR	(7.01%)	21.73%	(19.94%)	33.76%	-
MSCI EAFE Small Cap Index	(4.20%)	24.96%	(17.89%)	33.01%	2.18%
Emerging Markets Equity	(5.76%)	16.64%	(14.80%)	37.32%	12.99%
DFA Emerging Markets	(5.76%)	16.64%	(14.80%)	37.32%	12.99%
MSCI Emerging Markets Index	(1.16%)	18.44%	(14.57%)	37.28%	11.19%
Domestic Fixed Income	8.42%	9.41%	0.75%	3.89%	2.87%
Met West	8.42% 8.42%	9.41% 9.41%	0.7 <b>5%</b> 0.75%	3.89% 3.89%	2.87%
			0.75%		2.65%
Bloomberg Aggregate Index	6.79%	8.72%	U.U 1%	3.54%	2.03%
Total Plan	0.01%	19.25%	(5.05%)	16.14%	7.65%
Target*	2.72%	20.58%	(5.82%)	16.39%	7.40%

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.



<sup>\*</sup> Current Quarter Target = 35.0% Bloomberg Aggregate Index, 32.0% S&P 500 Index, 14.0% MSCI EAFE Index, 8.0% Russell 2000 Index, 6.0% MSCI Emerging Markets Index, and 5.0% MSCI EAFE Small Cap Index. 
\*\* Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20%

# Callan

September 30, 2020

Sacramento Regional Transit District Retirement Plans

Investment Measurement Service Quarterly Review

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### **Sacramento Regional Transit District**

Executive Summary for Period Ending September 30, 2020

### **Asset Allocation**



### **Performance**

			Last	Last 5	Last
	Last	Last Last	3		7
	Quarter	Year	Years	Years	Years
Total Plan	4.41%	5.22%	5.71%	7.84%	6.57%
Target*	5.26%	9.03%	6.60%	8.54%	6.99%

### **Recent Developments**

N/A

### **Organizational Issues**

N/A

### **Manager Performance**

	Peer Group Ranking							
Manager	Last Year	Last 3 Years	Last 7 Years					
Boston Partners	65	62	57					
Atlanta Capital	48	27	25					
Pyrford	55	41	[72]					
AQR	60	76	[77]					
DFA	84	83	86					
MetWest	45	8	69					

Brackets indicate performance linked with manager's composite

#### Watch List

AQR and DFA were added to the watch list in 1Q20 as performance lags both their respective benchmarks and peer groups over mid-to-longer term periods.

### **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.

### **U.S. EQUITY**

### **Gains YTD**

- S&P +8.9% for the quarter, bringing YTD to +5.6%
- Consumer Discretionary (+15%) and Industrials (+13%) dominated, with Tech (+12%) a close third in risk-on market.
- S&P 500 YTD would be negative if not for Facebook, Microsoft, Amazon, Alphabet, and Apple, representing 33% of the return.
- YTD, pandemic punished some sectors, rewarded others
- Tech +29% YTD; Cons. Disc. +23% (online retailers +60%)
- Energy -48% amid declining crude and natural gas prices
- Demand from hotels/cruise lines/airlines down as those industries have dropped 40%+

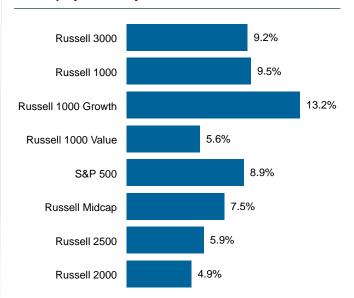
### Small cap reverses to trail large cap

- Following a stellar 2Q20 recovery, small cap trailed large.
- Behind large cap by a wide margin over last 12 months

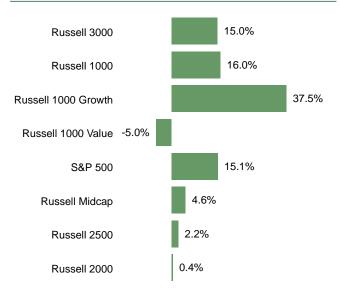
### Growth continues to outpace value across market caps

- Growth, value dispersion near all-time high driven by Tech
- YTD RUS1G +25% vs. RUS1V -12%
- Growth stock P/E near 2x historical average across market caps
- Today's index concentration surpasses levels seen in the late 90's Dot-Com boom.
- Index concentration of the top five names is at 5 standard deviations above the 30-year average of approximately 13%.
- Large and small value indices continue to underperform large and small growth in 3Q20 and YTD.
- Higher interest rates, a steeper yield curve, economic growth, and improving consumer confidence are among the catalysts that could result in value outperforming.
- S&P 500 Index currently delivers a dividend yield well above the 10-year Treasury, which can help support current valuation levels.

### **U.S. Equity: Quarterly Returns**

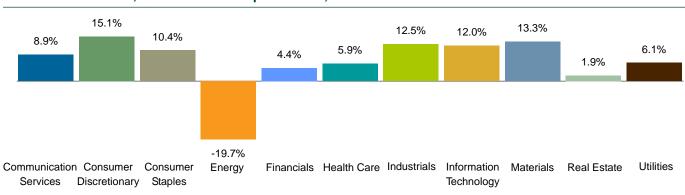


### U.S. Equity: One-Year Returns



Sources: FTSE Russell, S&P Dow Jones Indices

### S&P Sector Returns, Quarter Ended September 30, 2020



Source: S&P Dow Jones Indices



### **GLOBAL/GLOBAL EX-U.S. EQUITY**

### Continued recovery into 3Q20

- Returns broadly positive across developed and emerging markets but muted YTD
- Recent support from ultra-low interest rates and upward earnings revisions
- EM recovery driven by global risk-on environment; key countries within EM (China and South Korea) have better managed the pandemic
- Small cap continued to outperform large as lockdowns eased and business confidence improved.

### Rebound for cyclicals

- Materials, Industrials, and Consumer Discretionary outperformed as consumption and production resumed.
- Factor performance led by momentum (rebound) and volatility (risk-on market mentality)

### U.S. dollar vs. other currencies

 U.S. dollar lost ground versus every developed market currency on expectation of lower-for-longer U.S. rates due to Fed's shift in approach toward inflation and employment.

### COVID-19 exacerbated outperformance of growth vs. value

- Growth outpaced value by 34% year-to-date as of Sept. 30.
- Extremely narrow market with performance dominated by Tech
- Growth benefited from strong performance by Information Technology (27%), while Financials (-22%) and Energy (-46%) weighed on value.
- YTD performance gap between growth and value has not been seen over the past 45 years.

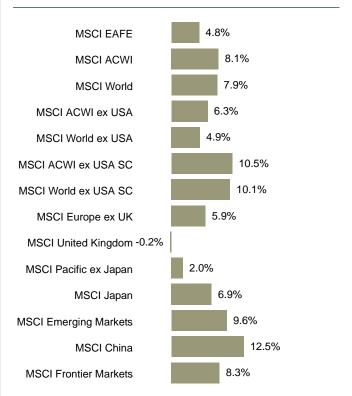
### What may stoke value rotation?

- Higher bond yields may be needed to drive value rebound.
- Bond yields correlated to value/growth since the GFC

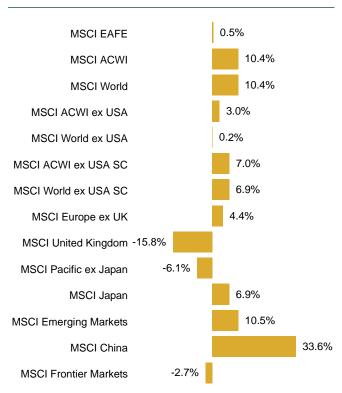
### Key drivers: global recovery, U.S. elections

- Management of COVID-19 a key variable to recovery
- Advanced economies have struggled to contain the pandemic relative to emerging markets.
- Asian currencies have maintained resiliency relative to the U.S. dollar due to better COVID-19 management and economic outlook.
- Greater probability of Democratic sweep is expected to pressure USD to the downside on a medium-term basis.
- Potentially easier fiscal policy and a larger budget deficit in the aftermath of a "Blue Wave" may yield lower dollar.

### **Global Equity: Quarterly Returns**



### **Global Equity: One-Year Returns**



Source: MSCI



### **U.S. FIXED INCOME**

### Treasury yields largely unchanged

- 10-year UST yield at 0.69% in 3Q20, up 3 bps from 2Q20 but off sharply from year-end level of 1.92%
- TIPS did well as inflation expectations rose from 1.34% to 1.63%.
- No rate hikes expected until at least 2023

### **Bloomberg Barclays Aggregate roughly flat**

- Corporate and CMBS the strongest investment grade sectors as investors hunted for yield
- Corporate supply (\$1 trillion YTD) at a record as companies rushed to take advantage of ultra-low interest rates

### Risk-on sentiment helped high yield and loans

- Non-investment grade sectors rallied, but remain roughly flat YTD.
- The high yield bond market also experienced high levels of net new issuance (over \$120 billion YTD).

### Munis boosted by favorable supply/demand dynamics

- Robust demand and muted supply of tax-exempt municipals
- Issuance in taxable municipals sharply higher
- Tax revenues better than expected, but challenges remain and stimulus uncertain (but needed)

### High yield trended higher in quality

- BB/Ba-rated debt, the highest-quality category within high yield, experienced a surge of new issuance as 2020 remains a year of record new issuance across corporate debt.
- Reconstitution of downgraded investment grade debt into high yield has also added to the category.
- BBs now represents over half of the Bloomberg Barclays US High Yield Index.
- Historically, composition changes have generated market inefficiencies that managers can seek to exploit.

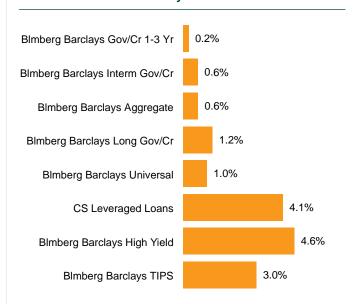
### Default rate has trended higher, but below GFC levels

 Additionally, spreads at the height of COVID-19 implied a 16.8% default rate, but thus far defaults have been well below market expectations at 5.77%.

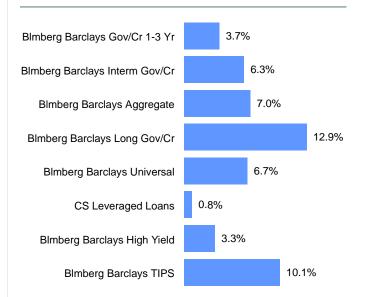
# High yield spreads have rallied; managers are putting a greater focus on security selection

- Recovery rates remain low relative to the 30-year average, concentrated within pandemic-sensitive sectors (particularly retail and energy) and subordinated debt.
- The ratio of downgrades to upgrades is higher than in 2008.

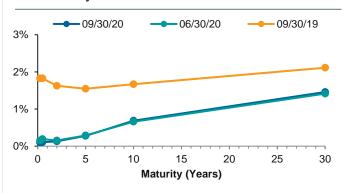
### **U.S. Fixed Income: Quarterly Returns**



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



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



Sources: Bloomberg, Bloomberg Barclays, Credit Suisse



### **GLOBAL FIXED INCOME**

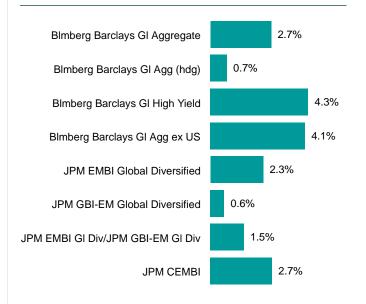
### Global fixed income rose amid rate cuts

- Central banks continued to act aggressively to provide support via rate cuts, asset purchase programs, and other forms of stimulus.
- Broad-based U.S. dollar weakness dampened hedged returns as the USD lost 4% versus the euro and the British pound, and 2% versus the yen.
- Over 70% of global sovereign debt has negative real yields, a record high, according to JP Morgan.

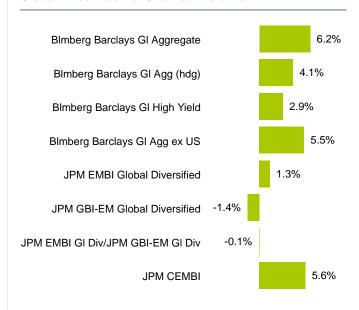
### Emerging market debt made up ground

- Emerging market debt indices gained in 3Q20 but remain down from year-end.
- U.S. dollar-denominated index (EMBI Global Diversified) outperformed local currency as U.S. rates fell; returns were mixed across the 70+ constituents, but most were positive.
- Local currency index (GBI-EM Global Diversified) was up slightly but returns varied widely among constituents: Russia:
   -8%; Brazil: -3%; Mexico and S. Africa: +6%
- Staggered inclusion of China bonds continued with the weight rising to 7% in the JPM GBI-EM Global Diversified Index.

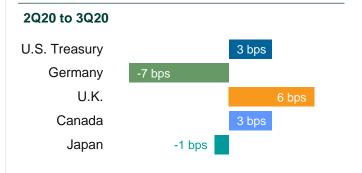
### **Global Fixed Income: Quarterly Returns**



#### Global Fixed Income: One-Year Returns



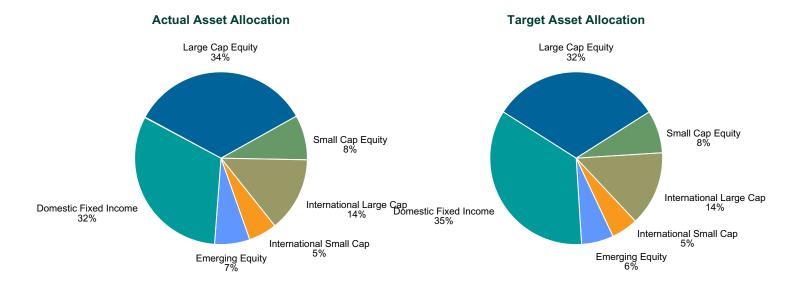
### Change in 10-Year Global Government Bond Yields



Sources: Bloomberg, Bloomberg Barclays, JP Morgan

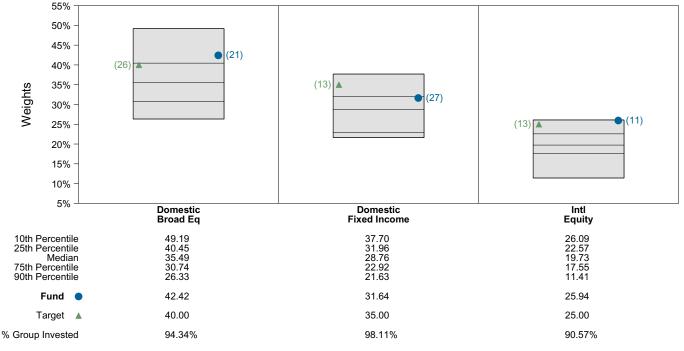
# Actual vs Target Asset Allocation As of September 30, 2020

The top left chart shows the Fund's asset allocation as of September 30, 2020. 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 Callan Public Fund Spons- Mid (100M-1B).



	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Large Cap Equity	106,037	34.0%	32.0%	2.0%	6,276
Small Cap Equity	26,212	8.4%	8.0%	0.4%	1,272
International Large Cap	43,534	14.0%	14.0%	(0.0%)	(111)
International Small Cap	16,675	5.3%	5.0%	0.3%	1,088
Emerging Equity .	20,661	6.6%	6.0%	0.6%	1,956
Domestic Fixed Income	98,632	31.6%	35.0%	(3.4%)	(10,481)
Total	311.752	100.0%	100.0%	,	,

### Asset Class Weights vs Callan Public Fund Spons- Mid (100M-1B)



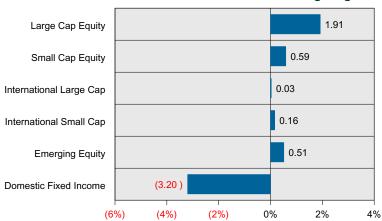
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small Cap



### Quarterly Total Fund Relative Attribution - September 30, 2020

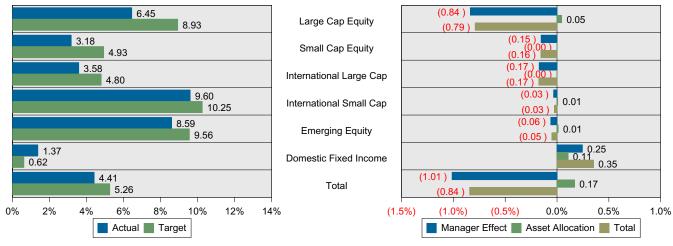
The following analysis approaches Total Fund Attribution from the perspective of relative return. Relative return attribution separates and quantifies the sources of total fund excess return relative to its target. This excess return is separated into two relative attribution effects: Asset Allocation 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.





### **Actual vs Target Returns**

### **Relative Attribution by Asset Class**



### Relative Attribution Effects for Quarter ended September 30, 2020

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	34%	32%	6.45%	8.93%	(0.84%)	0.05%	(0.79%)
Small Cap Equity	9%	8%	3.18%	4.93%	(0.15%)	(0.00%)	(0.16%)
International Large Cap		14%	3.58%	4.80%	(0.17%)	(0.00%)	(0.17%)
International Small Cap	5%	5%	9.60%	10.25%	(0.03%)	`0.01%´	(0.03%)
Emerging Equity .	7%	6%	8.59%	9.56%	(0.06%)	0.01%	(0.05%)
Domestic Fixed Income	32%	35%	1.37%	0.62%	0.25%	0.11%	_`0.35%´_
				·			
Total			4.41% =	5.26%	+ (1.01%) +	· 0.17%	(0.84%)

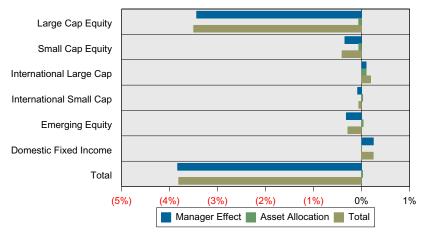
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small Cap.



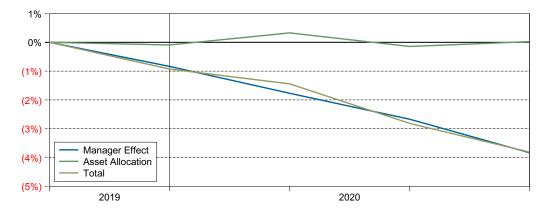
## **Cumulative Total Fund Relative Attribution - September 30, 2020**

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	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	33%	32%	4.34%	15.15%	(3.44%)	(0.06%)	(3.50%)
Small Cap Equity	8%	8%	(2.27%)	0.39%	(0.35%)	(0.06%)	(0.41%)
International Large Ca		14%	`1.46%′	0.49%	0.09%	0.09%	0.19%
International Small Ca	p 5%	5%	4.79%	6.84%	(0.09%)	0.02%	(0.06%)
Emerging Equity	6%	6%	4.32%	10.54%	(0.32%)	0.03%	(0.29%)
Domestic Fixed Incom	e 35%	35%	7.86%	6.98%	0.25%	(0.00%)	0.24%
Total			5.22% =	9.03%	+ (3.84%) +	0.02%	(3.81%)

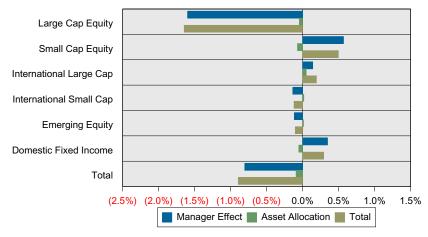
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE



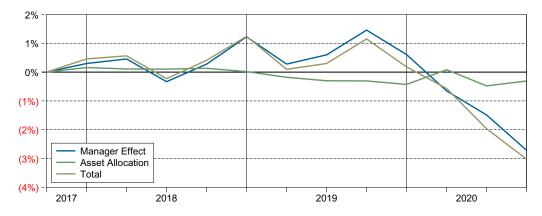
### Cumulative Total Fund Relative Attribution - September 30, 2020

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	33%	32%	7.15%	12.28%	(1.60%)	(0.05%)	(1.65%)
Small Cap Equity	9%	8%	8.52%	1.77%	0.57%	(0.07%)	`0.50%´
International Large Car	13%	14%	1.78%	0.62%	0.14%	0.05%	0.19%
International Small Cap	5%	5%	(1.40%)	1.40%	(0.14%)	0.02%	(0.12%)
Emerging Equity	6%	6%	0.34%	2.42%	(0.12%)	0.01%	(0.10%)
Domestic Fixed Income	e 35%	35%	6.29%	5.24%	`0.35%´	(0.05%)	`0.29%´_
Total			5.71% =	6.60%	+ (0.80%) +	(0.09%)	(0.89%)

<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 and 5.0% MSCI EAFE



# Total Fund Period Ended September 30, 2020

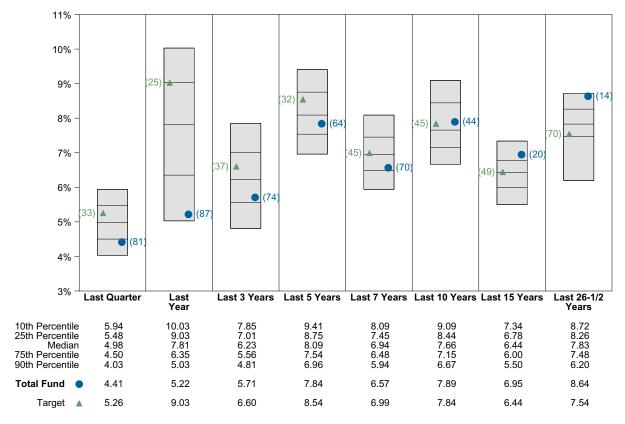
### **Investment Philosophy**

\* 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 and 5.0% MSCI EAFE Small Cap.

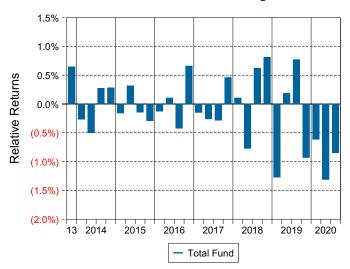
### **Quarterly Summary and Highlights**

- Total Fund's portfolio posted a 4.41% return for the quarter placing it in the 81 percentile of the Callan Public Fund Spons- Mid (100M-1B) group for the quarter and in the 87 percentile for the last year.
- Total Fund's portfolio underperformed the Target by 0.84% for the quarter and underperformed the Target for the year by 3.81%.

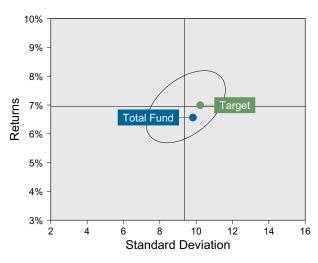
### Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)



#### Relative Return vs Target



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

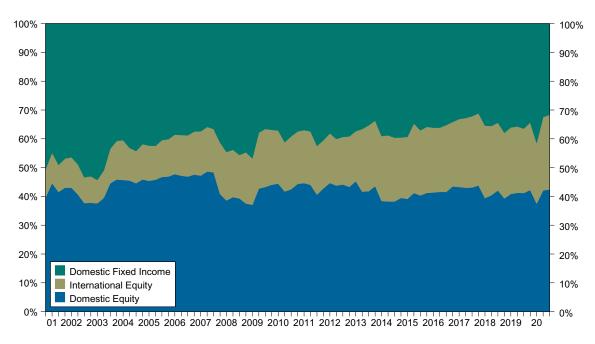




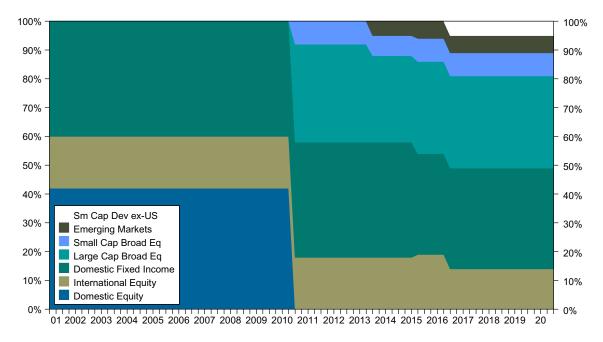
# **Actual vs Target Historical Asset Allocation**

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 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 September 30, 2020, with the distribution as of June 30, 2020. 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**

	September 30, 2020			June 30, 2020
	Market Value	Net New Inv.	Inv. Return	Market Value
Consolidated Plan				
Domestic Equity	\$132,248,883	\$(1,344,792)	\$7,268,340	\$126,325,335
Large Cap	\$106,036,703	\$(1,344,792)	\$6,461,031	\$100,920,464
Boston Partners	49,923,228	0	1,805,157	48,118,071
SSgA S&P 500	56,113,475	(1,344,792)	4,655,874	52,802,393
Small Cap	\$26,212,180	\$0	\$807,308	\$25,404,871
Atlanta Capital	26,212,180	0	807,308	25,404,871
International Equity	\$80,870,505	\$0	\$4,549,074	\$76,321,431
International Large Cap	\$43,534,099	\$0	\$1,505,945	\$42,028,154
SSgA EAFE	14,332,512	0	660,819	13,671,693
Pyrford	29,201,587	0	845,125	28,356,461
International Small Cap	\$16,675,477	\$0	\$1,428,715	\$15,246,762
AQR	16,675,477	0	1,428,715	15,246,762
Emerging Equity	\$20,660,929	\$0	\$1,614,414	\$19,046,515
DFA Emerging Markets	20,660,929	0	1,614,414	19,046,515
Fixed Income	\$98,632,389	\$0	\$1,336,642	\$97,295,748
Metropolitan West	98,632,389	0	1,336,642	97,295,748
Total Plan - Consolidated	\$311,751,778	\$(1,344,790)	\$13,154,054	\$299.942.514



# Sacramento Regional Transit District Asset Growth

Ending September 30, 2020 (\$ Thousands)	Ending Market Value	Beginning Market = Value	Net New + Investment	Investment + Return
Total Plan				
1/4 Year Ended 9/2020	311,751.8	299,942.5	(1,344.8)	13,154.1
1/4 Year Ended 6/2020	299,942.5	268,251.1	(1,217.2)	32,908.6
1/4 Year Ended 3/2020	268,251.1	315,424.7	(567.1)	(46,606.5)
1/4 Year Ended 12/2019	315,424.7	301,283.6	(1,479.0)	15,620.2
1/4 Year Ended 9/2019	301,283.6	298,139.2	(1,479.0)	4,466.6
1/4 Year Ended 6/2019	298,139.2	289,020.0	(1,111.4)	10,230.6
1/4 Year Ended 3/2019	289,020.0	269,114.0	(1,021.9)	20,927.9
1/4 Year Ended 12/2018	269.114.0	292.722.5	(1,066.5)	(22,541.9)
1/4 Year Ended 9/2018	292,722.5	284,083.7	(1,081.0)	9,719.8
1/4 Year Ended 6/2018	284,083.7	284,995.0	(1,267.6)	356.3
1/4 Year Ended 3/2018	284,995.0	288,314.8	(1,183.4)	(2,136.5)
1/4 Year Ended 12/2017	288,314.8	277,835.6	(1,419.7)	11,899.0
1/4 Year Ended 9/2017	277,835.6	270,017.7	(1,582.3)	9,400.2
1/4 Year Ended 6/2017	270,017.7	263,189.7	(1,149.1)	7,977.1
1/4 Year Ended 3/2017	263,189.7	253,159.1	(930.2)	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	251,635.0	244,029.2	(937.8)	8,543.5
1/4 Year Ended 6/2016	244,029.2	240,502.3	(684.5)	4,211.5
1/4 Year Ended 3/2016	240,502.3	238,289.7	(450.0)	2,662.6
1/4 Year Ended 12/2015	238,289.7	232,085.4	(816.4)	7,020.7



The table below details the rates of return for the Fund's investment managers over various time periods ended September 30, 2020. 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 September 30, 2020

	Last	Last	Last 3	Last 5	Last 7
	Quarter	Year	Years	Years	Years
Domestic Equity	5.79%	2.95%	7.46%	11.03%	10.08%
Domestic Equity Benchmark**	8.13%	12.17%	10.18%	12.97%	11.49%
Large Cap Equity	6.45%	4.34%	7.15%	10.83%	9.99%
Boston Partners	3.75%	(6.76%)	1.71%	7.22%	7.07%
Russell 1000 Value Index	5.59%	(5.03%)	2.63%	7.66%	7.35%
SSgA S&P 500	8.93%	15.12%	12.28%	14.17%	12.71%
S&P 500 Index	8.93%	15.15%	12.28%	14.15%	12.68%
Small Cap Equity	3.18%	(2.27%)	8.52%	11.74%	10.40%
Atlanta Capital	3.18%	(2.27%)	8.52%	11.74%	10.40%
Russell 2000 Index	4.93%	0.39%	1.77%	8.00%	6.42%
International Equity	6.03%	2.98%	0.87%	5.89%	3.05%
International Equity International Benchmark***	7.06%	4.25%	1.29%	6.47%	3.44%
international benchmark	7.00%	4.25%	1.2970	0.47 70	3.44 %
International Large Cap	3.58%	1.46%	1.78%	5.75%	3.25%
SSgA EAFE	4.83%	0.91%	0.99%	5.65%	3.36%
Pyrford	2.98%	1.35%	2.00%	-	-
MSCI EAFE Index	4.80%	0.49%	0.62%	5.26%	3.01%
International Small Cap	9.60%	4.79%	(1.40%)	-	-
AQR	9.60%	4.79%	(1.40%)	-	-
MSCI EAFE Small Cap Index	10.25%	6.84%	1.40%	7.37%	5.70%
Emerging Markets Equity	8.59%	4.32%	0.34%	7.75%	3.41%
DFA Emerging Markets	8.59%	4.32%	0.34%	7.75%	3.41%
MSCI Emerging Markets Index	9.56%	10.54%	2.42%	8.97%	3.75%
Domestic Fixed Income	1.37%	7.86%	6.29%	4.94%	4.55%
Met West	1.37%	7.86%	6.29%	4.94% 4.94%	4.55%
Bloomberg Aggregate Index	0.62%	6.98%	5.24%	4.18%	3.97%
Biodifiberg Aggregate index	U.02%	0.90%	J.247 <sub>0</sub>	4.1070	3.91%
Total Plan	4.41%	5.22%	5.71%	7.84%	6.57%
Target*	5.26%	9.03%	6.60%	8.54%	6.99%

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

The table below details the rates of return for the Fund's investment managers over various time periods ended September 30, 2020. 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 September 30, 2020

	Last 10	Last 15	Last 20	Last 26-1/2	
	Years	Years	Years	Years	
Domestic Equity	12.54%	8.90%	6.45%	-	
Domestic Equity Benchmark**	13.03%	8.86%	6.65%	10.01%	
Russell 1000 Value Index	9.95%	6.35%	6.21%	9.03%	
S&P 500 Index	13.74%	9.19%	6.42%	10.05%	
Russell 2000 Index	9.85%	7.03%	6.88%	8.46%	
International Equity	4.33%	3.74%	5.03%	-	
MSCI EAFE Index	4.62%	3.73%	3.58%	4.72%	
Domestic Fixed Income	4.60%	5.90%	6.01%	-	
Met West	4.60%	5.90%	-	-	
Bloomberg Aggregate Index	3.64%	4.48%	5.01%	5.50%	
Total Plan	7.89%	6.95%	5.87%	8.64%	
Target*	7.84%	6.44%	5.75%	7.54%	

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 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 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.

	12/2019- 9/2020	2019	2018	2017	2016
Domestic Equity	(4.46%)	27.71%	(4.64%)	19.78%	14.58%
Domestic Equity Benchmark**	2.68%	30.32%	(5.69%)	20.41%	13.85%
Large Cap Equity	(3.96%)	27.77%	(6.33%)	21.10%	13.38%
Boston Partners	(13.81%)	23.91%	(8.27%)	20.32%	14.71%
Russell 1000 Value Index	(11.58%)	26.54%	(8.27%)	13.66%	17.34%
SSgA S&P 500	5.54%	31.50%	(4.39%)	21.86%	12.03%
S&P 500 Index	5.57%	31.49%	(4.38%)	21.83%	11.96%
Small Cap Equity	(6.41%)	27.38%	1.78%	15.01%	19.17%
Atlanta Capital	(6.41%)	27.38%	1.78%	15.01%	19.17%
Russell 2000 Index	(8.69%)	25.52%	(11.01%)	14.65%	21.31%
International Equity	(6.22%)	20.83%	(13.93%)	28.25%	2.55%
International Equity International Benchmark***	( <b>6.22%)</b> (4.99%)	20.83% 21.78%	(13.93%) (14.76%)	2 <b>6.25%</b> 29.51%	3.26%
international Benchmark	(4.99%)	21.78%	(14.76%)	29.51%	3.20%
International Large Cap	(6.49%)	22.34%	(11.25%)	22.63%	1.35%
SSgA EAFE	(6.73%)	22.49%	(13.49%)	25.47%	1.37%
Pyrford	(6.70%)	22.30%	(10.31%)	-	-
MSCI EAFE Index	(7.09%)	22.01%	(13.79%)	25.03%	1.00%
International Small Cap	(7.01%)	21.73%	(19.94%)	33.76%	-
AQR	(7.01%)	21.73%	(19.94%)	33.76%	-
MSCI EAFE Small Cap Index	(4.20%)	24.96%	(17.89%)	33.01%	2.18%
Emerging Markets Equity	(5.76%)	16.64%	(14.80%)	37.32%	12.99%
DFA Emerging Markets	(5.76%)	16.64%	(14.80%)	37.32%	12.99%
MSCI Emerging Markets Index	(1.16%)	18.44%	(14.57%)	37.28%	11.19%
Domestic Fixed Income	8.42%	9.41%	0.75%	3.89%	2.87%
Met West	8.42%	9.41%	0.75%	3.89%	2.87%
Bloomberg Aggregate Index	6.42% 6.79%	9.41% 8.72%	0.75%	3.54%	2.65%
Piooninery Aggregate index	0.79%	0.1270	0.0176	3.34%	2.00%
Total Plan	0.01%	19.25%	(5.05%)	16.14%	7.65%
Target*	2.72%	20.58%	(5.82%)	16.39%	7.40%

Returns are for annualized calendar years.

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

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.

	2015	2014	2013	2012	2011
Domestic Equity	0.06%	10.85%	36.44%	19.19%	2.08%
Domestic Equity Benchmark**	0.26%	12.07%	33.61%	16.09%	0.94%
Boston Partners	(3.75%)	11.87%	37.52%	21.95%	1.27%
Russell 1000 Value Index	(3.83%)	13.45%	32.53%	17.51%	0.39%
S&P 500 Index	1.38%	13.69%	32.39%	16.00%	2.11%
Russell 2000 Index	(4.41%)	4.89%	38.82%	16.35%	(4.18%)
International Equity	(4.17%)	(3.72%)	16.66%	17.28%	(10.64%)
MSCI EAFE Index	(0.81%)	(4.90%)	22.78%	17.32%	(12.14%)
Domestic Fixed Income	0.51%	6.37%	(1.03%)	9.48%	6.10%
Met West	0.51%	6.37%	(1.03%)	9.48%	6.10%
Bloomberg Aggregate Index	0.55%	5.97%	(2.02%)	4.21%	7.84%
Total Plan	(0.97%)	5.61%	17.71%	14.80%	1.22%
Target*	(0.71%)	5.82%	15.99%	11.68%	1.52%

Returns are for annualized calendar years.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 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 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 ended September 30, 2020. 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 September 30, 2020

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Net of Fee Returns	Quarter	1 Cui	rours	Tours	rours
Domestic Equity	5.68%	2.63%	7.09%	-	-
Domestic Equity Benchmark**	8.13%	12.17%	10.18%	12.97%	11.49%
Large Cap Equity	6.37%	4.14%	6.90%	-	-
Boston Partners	3.61%	(7.09%)	1.23%	6.69%	6.53%
Russell 1000 Value Index	5.59%	(5.03%)	2.63%	7.66%	7.35%
SSgA S&P 500	8.92%	15.07%	12.22%	14.11%	12.66%
S&P 500 Index	8.93%	15.15%	12.28%	14.15%	12.68%
Small Cap Equity	2.97%	(2.99%)	7.68%	-	-
Atlanta Capital	2.97%	(2.99%)	7.68%	10.87%	9.54%
Russell 2000 Index	4.93%	0.39%	1.77%	8.00%	6.42%
International Equity	5.89%	2.35%	0.26%	-	-
International Equity Benchmark***	7.06%	4.25%	1.29%	6.47%	3.44%
International Large Cap	3.46%	0.98%	1.27%	-	-
SSgA EAFE	4.81%	0.81%	0.90%	5.55%	3.25%
Pyrford	2.80%	0.71%	1.31%	-	-
MSCI EAFE Index	4.80%	0.49%	0.62%	5.26%	3.01%
International Small Cap	9.37%	3.90%	(2.28%)	-	-
AQR	9.37%	3.90%	(2.28%)	-	-
MSCI EAFE Small Cap Index	10.25%	6.84%	1.40%	7.37%	5.70%
Emerging Markets Equity	8.46%	3.81%	(0.18%)	-	-
DFA Emerging Markets	8.46%	3.81%	(0.18%)	7.16%	2.82%
MSCI Emerging Markets Index	9.56%	10.54%	2.42%	8.97%	3.75%
Domestic Fixed Income	1.30%	7.59%	6.05%	-	-
Met West	1.30%	7.59%	6.05%	4.69%	4.29%
Bloomberg Aggregate Index	0.62%	6.98%	5.24%	4.18%	3.97%
Total Plan	4.31%	4.86%	5.33%	7.45%	6.19%
Target*	5.26%	9.03%	6.60%	8.54%	6.99%

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

# Domestic Equity Period Ended September 30, 2020

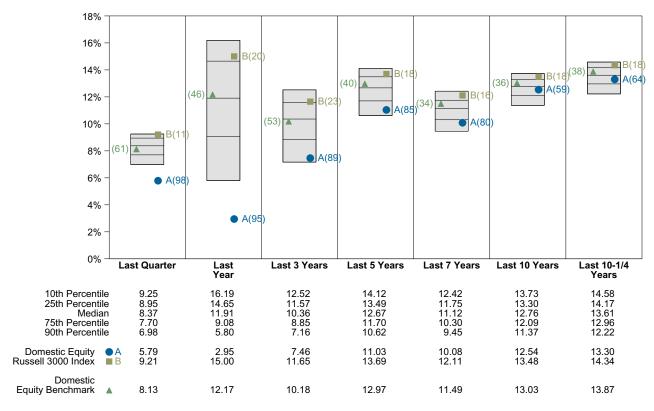
#### **Investment Philosophy**

Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

### **Quarterly Summary and Highlights**

- Domestic Equity's portfolio posted a 5.79% return for the quarter placing it in the 98 percentile of the Fund Spnsor -Domestic Equity group for the quarter and in the 95 percentile for the last year.
- Domestic Equity's portfolio underperformed the Domestic Equity Benchmark by 2.34% for the quarter and underperformed the Domestic Equity Benchmark for the year by 9.22%.

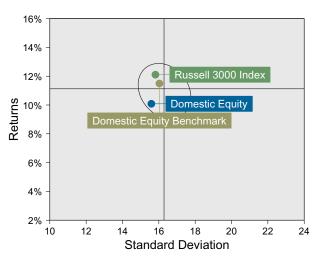
### Performance vs Fund Spnsor - Domestic Equity (Gross)



### Relative Returns vs Domestic Equity Benchmark

2% 1% 0% (1%) (2%) (2%) (3%) (2%) 2016 2017 2018 2019 2020 — Domestic Equity

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



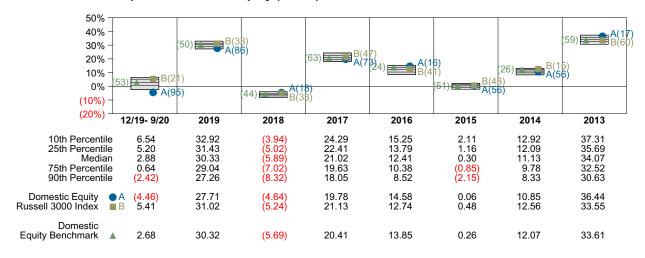


# Domestic Equity Return Analysis Summary

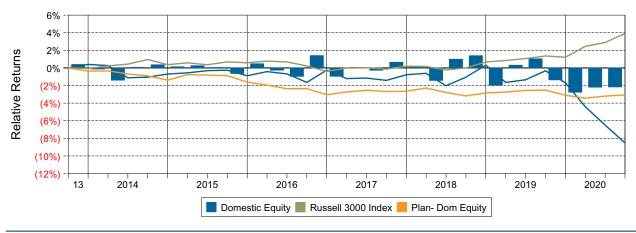
### **Return Analysis**

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.

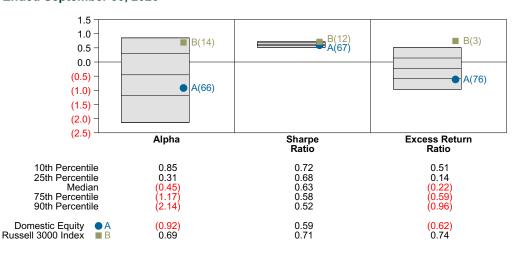
### Performance vs Fund Spnsor - Domestic Equity (Gross)



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



Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Fund Spnsor - Domestic Equity (Gross) Seven Years Ended September 30, 2020

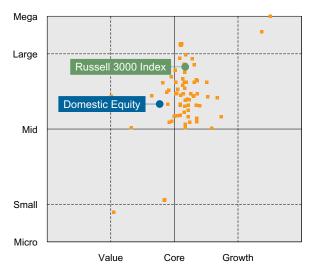




# Current Holdings Based Style Analysis Domestic Equity As of September 30, 2020

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.

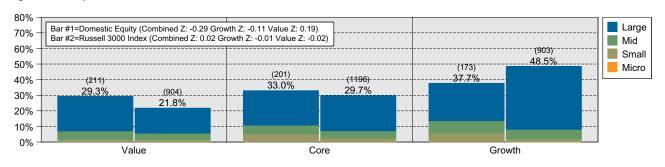
# Style Map vs Plan- Dom Equity Holdings as of September 30, 2020



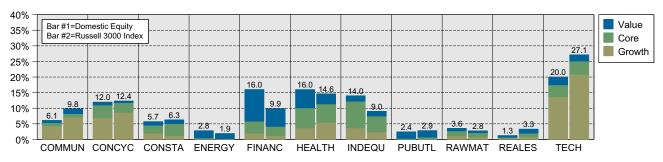
# Style Exposure Matrix Holdings as of September 30, 2020

	Value	Core	Growth	Total
Total	21.8% (904)	29.7% (1196)	48.5% (903)	100.0% (3003)
	29.3% (211)	33.0% (201)	37.7% (173)	100.0% (585)
	0.2% (371)	0.2% (380)	0.1% (150)	0.6% (901)
Micro		(,,	, ,	,
	0.0% (0)	0.0% (0)	0.2% (1)	0.2% (1)
Oman	1.3% (293)	2.2% (513)	1.8% (396)	5.4% (1202)
Small	1.8% (16)	5.2% (21)	5.5% (22)	12.5% (59)
	4.1% (154)	4.7% (198)	6.1% (248)	14.9% (600)
Mid				
	5.2% (110)	5.6% (74)	7.9% (65)	18.7% (249)
Large	16.1% (86)	22.6% (105)	40.4% (109)	79.2% (300)
Lorgo	22.3% (85)	22.1% (106)	24.1% (85)	68.6% (276)

# Combined Z-Score Style Distribution Holdings as of September 30, 2020



### Sector Weights Distribution Holdings as of September 30, 2020



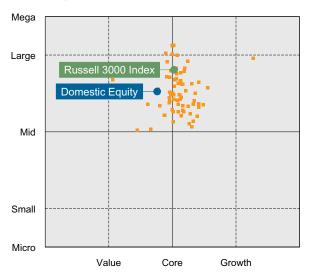


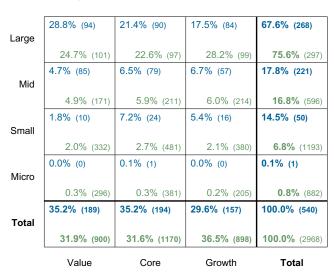
# Historical Holdings Based Style Analysis Domestic Equity For Five Years Ended September 30, 2020

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.

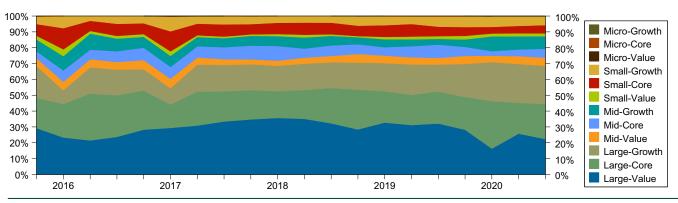
### Average Style Map vs Plan- Dom Equity Holdings for Five Years Ended September 30, 2020

### Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

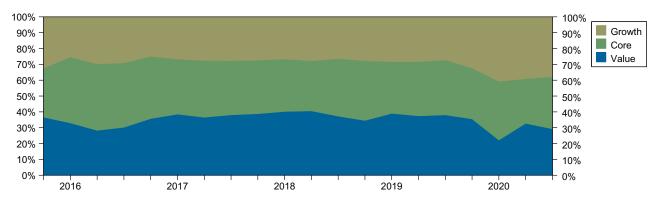




### **Domestic Equity Historical Cap/Style Exposures**



**Domestic Equity Historical Style Only Exposures** 



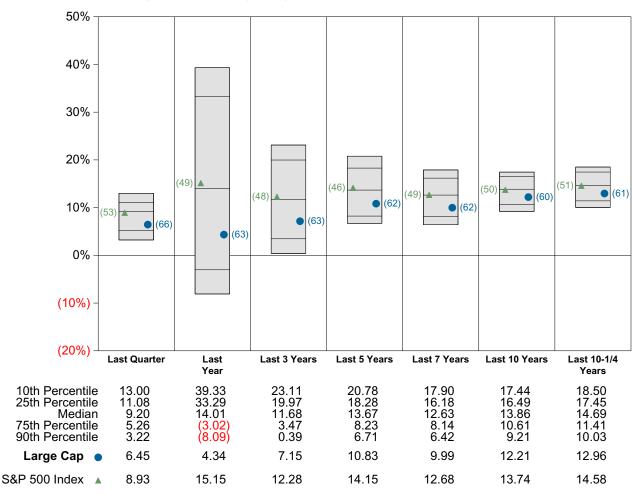


# Large Cap Period Ended September 30, 2020

### **Quarterly Summary and Highlights**

- Large Cap's portfolio posted a 6.45% return for the quarter placing it in the 66 percentile of the Callan Large Capitalization group for the quarter and in the 63 percentile for the last year.
- Large Cap's portfolio underperformed the S&P 500 Index by 2.48% for the quarter and underperformed the S&P 500 Index for the year by 10.81%.

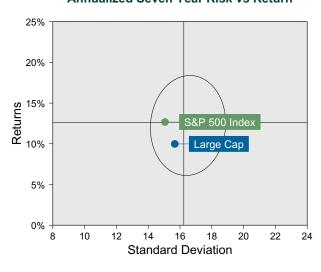
### Performance vs Callan Large Capitalization (Gross)



#### Relative Return vs S&P 500 Index

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



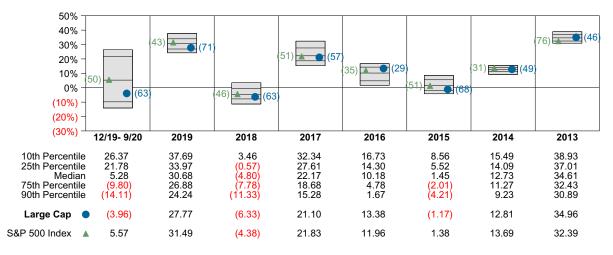


# Large Cap Return Analysis Summary

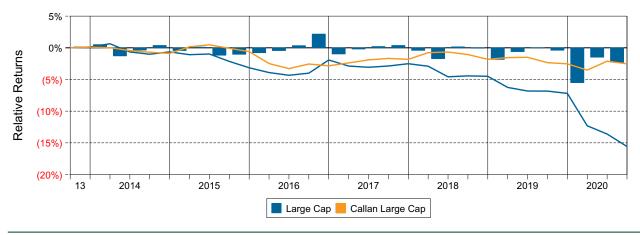
### **Return Analysis**

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.

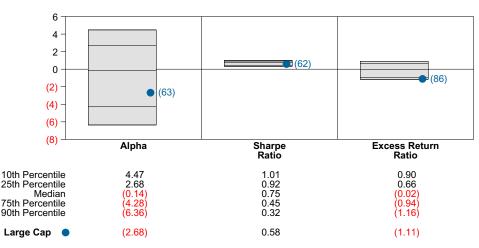
### Performance vs Callan Large Capitalization (Gross)



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



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against Callan Large Capitalization (Gross) Seven Years Ended September 30, 2020





# Current Holdings Based Style Analysis Large Cap As of September 30, 2020

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.

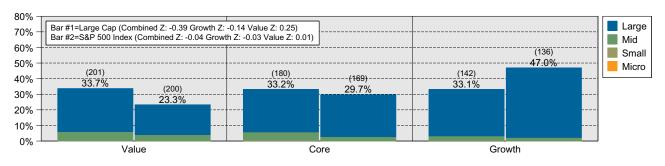
### Style Map vs Callan Large Cap Holdings as of September 30, 2020



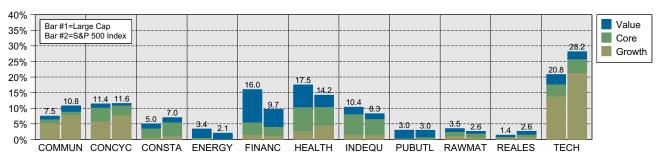
# Style Exposure Matrix Holdings as of September 30, 2020

	23.3% (200)	29.7% (169)	47.0% (136)	100.0% (505)
Total	33.7% (201)	33.2% (180)	33.1% (142)	100.0% (523)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	0.070 (0)	0.070 (0)	0.070 (0)	0.0 /0 (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Siliali	0.1% (8)	0.0% (2)	0.0% (4)	0.2% (14)
Small	0.1% (8)	0.5% (4)	0.2% (5)	0.8% (17)
	4.0% (107)	2.7% (64)	2.2% (47)	8.8% (218)
Mid	0.070 (100)	0.070 (70)	0.070 (02)	141270 (200)
	6.0% (108)	5.3% (70)	3.0% (52)	14.2% (230)
Large	19.2% (85)	27.0% (103)	44.8% (85)	91.0% (273)
	27.7% (85)	27.4% (106)	29.9% (85)	85.0% (276)

# Combined Z-Score Style Distribution Holdings as of September 30, 2020



# Sector Weights Distribution Holdings as of September 30, 2020



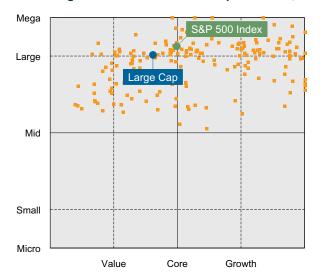


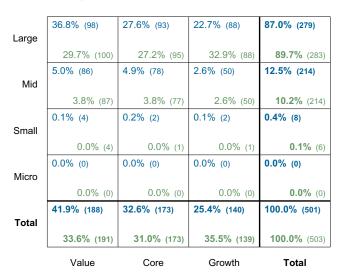
# Historical Holdings Based Style Analysis Large Cap For Five Years Ended September 30, 2020

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.

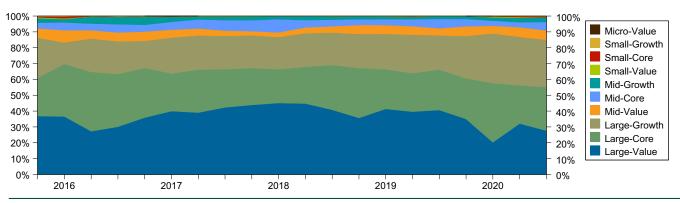
# Average Style Map vs Callan Large Cap Holdings for Five Years Ended September 30, 2020

### Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

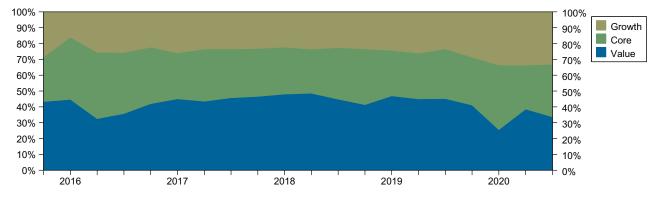




### Large Cap Historical Cap/Style Exposures



**Large Cap Historical Style Only Exposures** 





# SSgA S&P 500 Period Ended September 30, 2020

#### **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.

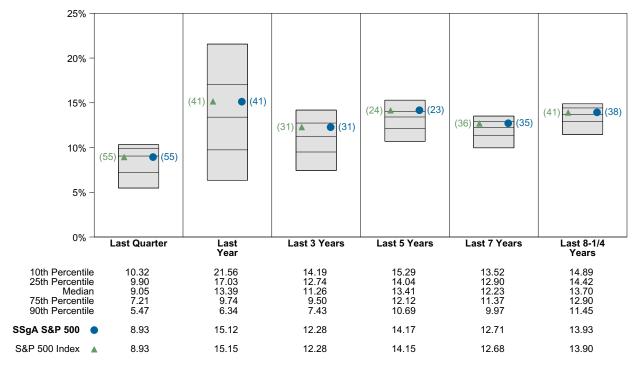
### **Quarterly Summary and Highlights**

- SSgA S&P 500's portfolio posted a 8.93% return for the quarter placing it in the 55 percentile of the Callan Large Cap Core group for the quarter and in the 41 percentile for the last year.
- SSgA S&P 500's portfolio outperformed the S&P 500 Index by 0.00% for the quarter and underperformed the S&P 500 Index for the year by 0.02%.

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

Beginning Market Value	\$52,802,393
Net New Investment	\$-1,344,792
Investment Gains/(Losses)	\$4,655,874
Ending Market Value	\$56,113,475

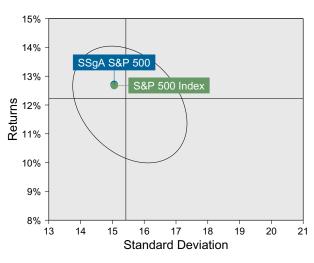
# Performance vs Callan Large Cap Core (Gross)



#### Relative Return vs S&P 500 Index



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



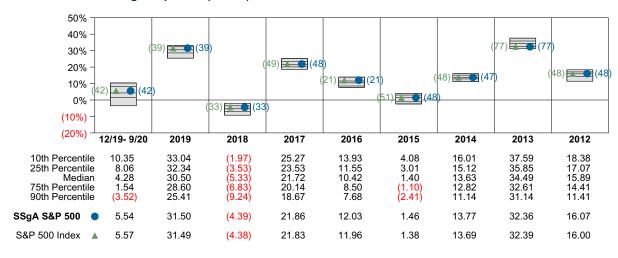


# SSgA S&P 500 Return Analysis Summary

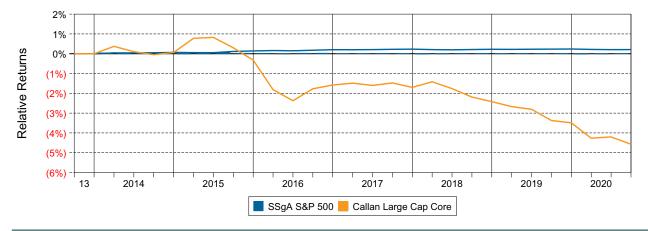
### **Return Analysis**

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.

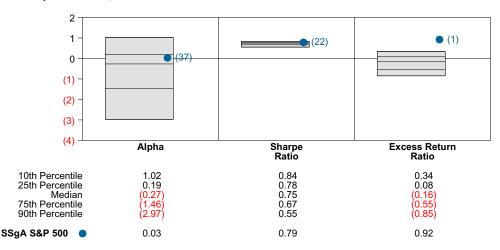
### Performance vs Callan Large Cap Core (Gross)



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



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against Callan Large Cap Core (Gross) Seven Years Ended September 30, 2020



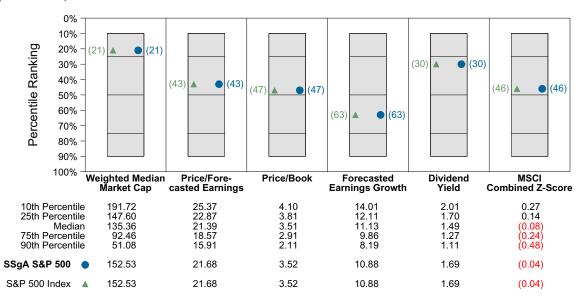


# **SSqA S&P 500 Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

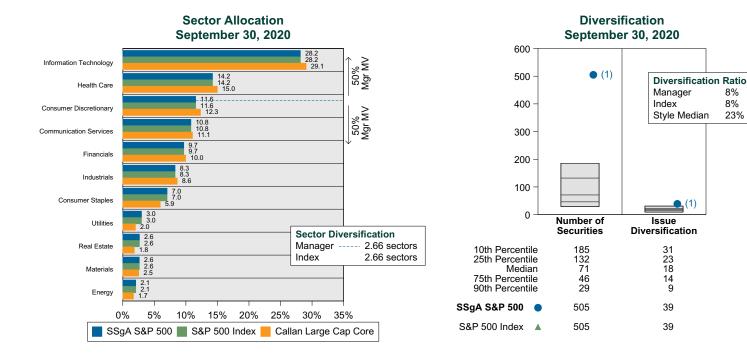
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

### **Portfolio Characteristics Percentile Rankings** Rankings Against Callan Large Cap Core as of September 30, 2020



#### **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.





8%

8%

23%

**(**1)

23 18

14 9

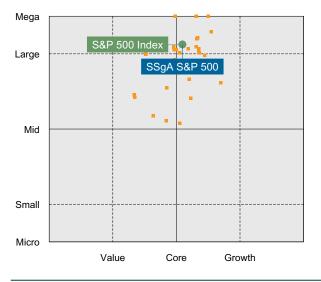
39

39

# Current Holdings Based Style Analysis SSgA S&P 500 As of September 30, 2020

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.

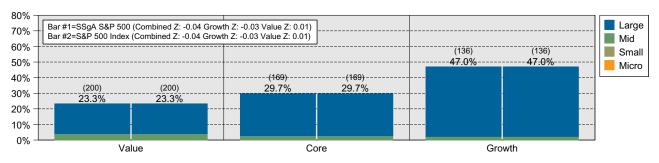
# Style Map vs Callan Large Cap Core Holdings as of September 30, 2020



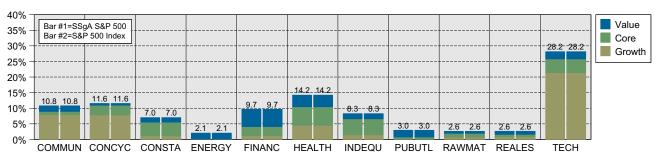
# Style Exposure Matrix Holdings as of September 30, 2020

	Value	Core	Growth	Total
	23.3% (200)	29.7% (169)	47.0% (136)	100.0% (505)
Total	23.3% (200)	29.7% (169)	47.0% (136)	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)
	0.1% (8)	0.0% (2)	0.0% (4)	0.2% (14)
Small	0.1% (8)	0.0% (2)	0.0% (4)	0.2% (14)
	4.0% (107)	2.7% (64)	2.2% (47)	8.8% (218)
Mid	4.0% (107)	2.7% (64)	2.2% (47)	8.8% (218)
Large	19.2% (85)	27.0% (103)	44.8% (85)	91.0% (273)
Large	19.2% (85)	27.0% (103)	44.8% (85)	91.0% (273)

# Combined Z-Score Style Distribution Holdings as of September 30, 2020



### Sector Weights Distribution Holdings as of September 30, 2020





# Boston Partners Period Ended September 30, 2020

#### **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.

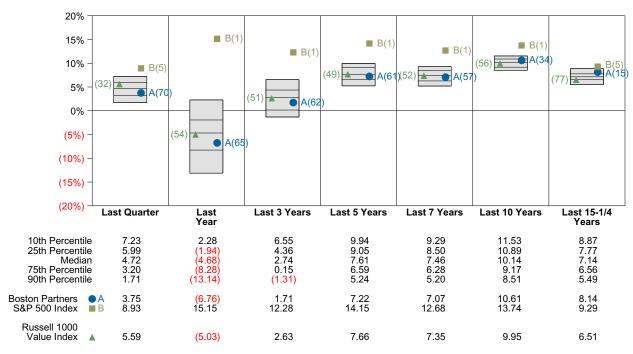
### **Quarterly Summary and Highlights**

- Boston Partners's portfolio posted a 3.75% return for the quarter placing it in the 70 percentile of the Callan Large Cap Value group for the quarter and in the 65 percentile for the last year.
- Boston Partners's portfolio underperformed the Russell 1000 Value Index by 1.84% for the quarter and underperformed the Russell 1000 Value Index for the year by 1.73%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$48,118,071
Net New Investment	\$0
Investment Gains/(Losses)	\$1,805,157
Ending Market Value	\$49,923,228

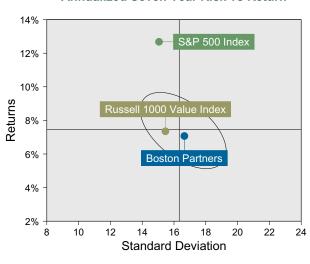
# Performance vs Callan Large Cap Value (Gross)



#### Relative Return vs Russell 1000 Value Index



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



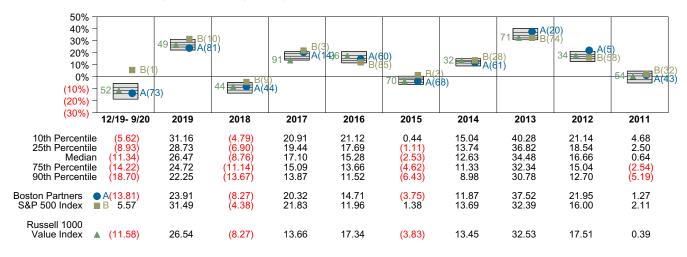


# Boston Partners Return Analysis Summary

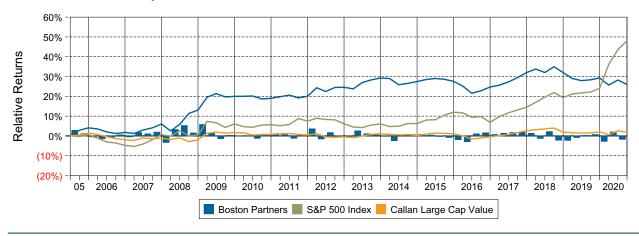
### **Return Analysis**

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.

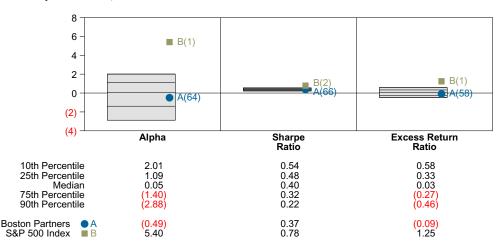
### Performance vs Callan Large Cap Value (Gross)



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



Risk Adjusted Return Measures vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended September 30, 2020



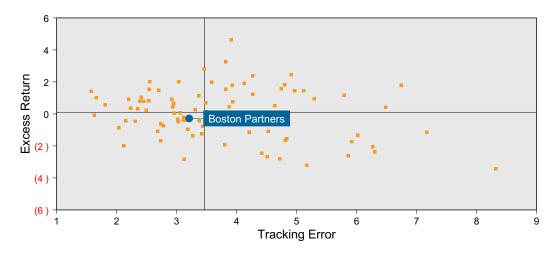


# **Boston Partners Risk Analysis Summary**

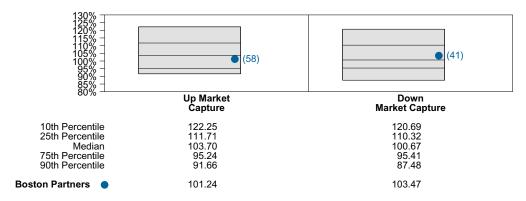
#### **Risk Analysis**

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.

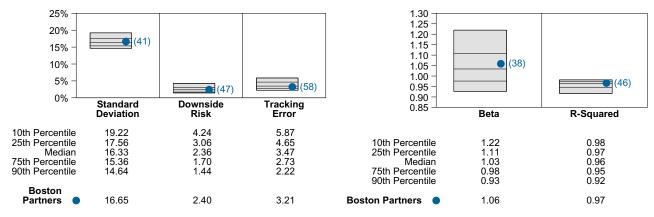
### Risk Analysis vs Callan Large Cap Value (Gross) Seven Years Ended September 30, 2020



Market Capture vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended September 30, 2020



Risk Statistics Rankings vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended September 30, 2020



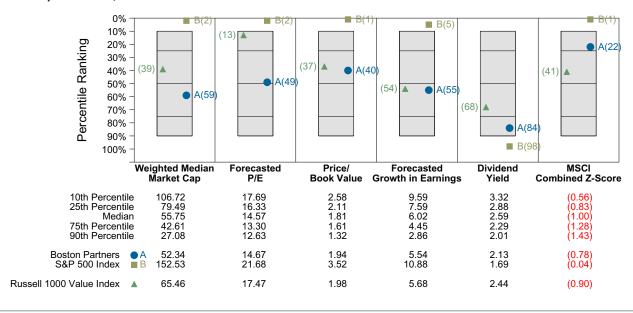


# Boston Partners Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

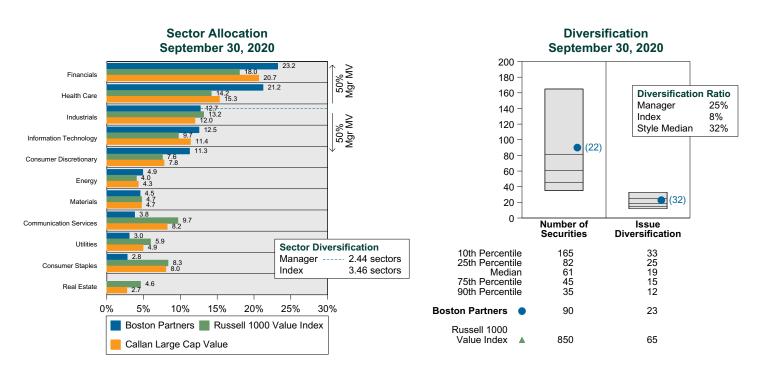
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

### Portfolio Characteristics Percentile Rankings Rankings Against Callan Large Cap Value as of September 30, 2020



#### **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.

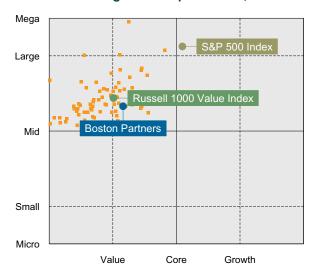




# Current Holdings Based Style Analysis Boston Partners As of September 30, 2020

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.

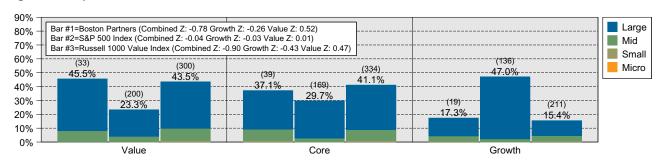
# Style Map vs Callan Large Cap Value Holdings as of September 30, 2020



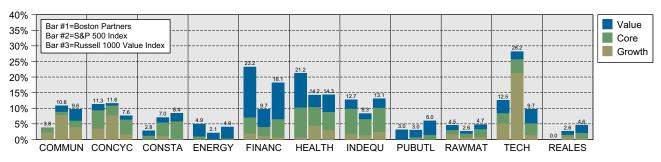
### Style Exposure Matrix Holdings as of September 30, 2020

	Value	Core	Growth	Total
	43.5% (300)	41.1% (334)	15.4% (211)	100.0% (845)
Total	23.3% (200)	29.7% (169)	47.0% (136)	100.0% (505)
	45.5% (33)	37.1% (39)	17.3% (19)	100.0% (91)
	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)
	1.0% (63)	1.0% (68)	0.6% (36)	2.6% (167)
Small	0.1% (8)	0.0% (2)	0.0% (4)	0.2% (14)
	0.0% (0)	1.0% (2)	0.5% (1)	1.5% (3)
	8.8% (151)	7.9% (169)	4.0% (125)	20.7% (445)
Mid	4.0% (107)	2.7% (64)	2.2% (47)	8.8% (218)
	8.2% (12)	8.2% (13)	3.9% (7)	20.2% (32)
	33.6% (86)	32.2% (97)	10.9% (50)	76.7% (233)
Large	19.2% (85)	27.0% (103)	44.8% (85)	91.0% (273)
	37.3% (21)	27.9% (24)	13.0% (11)	78.3% (56)

# Combined Z-Score Style Distribution Holdings as of September 30, 2020



# Sector Weights Distribution Holdings as of September 30, 2020

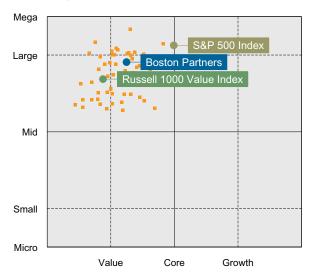




# Historical Holdings Based Style Analysis Boston Partners For Five Years Ended September 30, 2020

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.

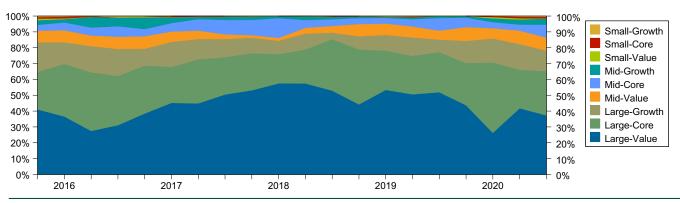
# Average Style Map vs Callan Large Cap Value Holdings for Five Years Ended September 30, 2020



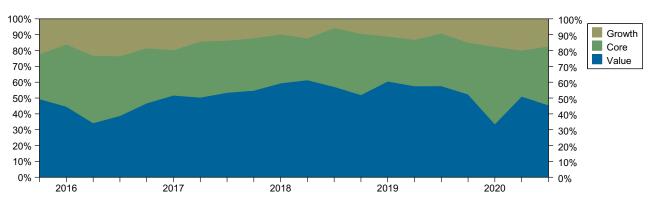
### Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

	Value	Core	Growth	Total
	59.3% (321)	33.5% (279)	7.2% (125)	<b>100.0%</b> (725)
Total	33.6% (191)	31.0% (173)	35.5% (139)	100.0% (503)
	50.7% (40)	34.2% (31)	15.1% (18)	100.0% (89)
	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)
	1.2% (62)	0.8% (46)	0.3% (19)	<b>2.3%</b> (127)
Small	0.0% (4)	0.0% (1)	0.0% (1)	0.1% (6)
	0.2% (1)	0.4% (1)	0.2% (1)	0.8% (3)
	9.7% (160)	7.5% (157)	2.8% (78)	<b>20.0%</b> (395)
Mid	3.8% (87)	3.8% (77)	2.6% (50)	10.2% (214)
	6.2% (10)	6.0% (10)	2.7% (4)	14.8% (24)
	48.4% (99)	25.2% (76)	4.2% (28)	<b>77.7%</b> (203)
Large	29.7% (100)	27.2% (95)	32.9% (88)	89.7% (283)
	44.3% (29)	27.9% (20)	12.2% (13)	84.4% (62)

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



**Boston Partners Historical Style Only Exposures** 





# Boston Partners vs Russell 1000 Value Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended September 30, 2020

nager Holdings with L	argoot (* or ) contribution	Manager	Days Held	Index Eff Wt	Manager	Index	Contrib Manager Perf	Contrib Excess Return
Issue	Sector	Eff Wt			Return	Return		
Berkshire Hathaway Inc Del (	CI B New Financials	3.67%	92	2.68%	19.29%	19.29%	0.68%	0.139
Deere & Co	Industrials	1.37%	92	0.37%	41.18%	41.51%	0.48%	$0.32^{\circ}$
Cisco Sys Inc	Information Technology	2.81%	92	1.25%	(14.88)%	(14.88)%	(0.42)%	(0.33)
Best Buy Inc	Consumer Discretionary	1.61%	92	0.13%	28.18%	28.17%	0.41%	0.30
ConocoPhillips	Energy	1.61%	92	0.28%	(21.10)%	(21.03)%	(0.39)%	(0.38
Pfizer	Health Care	2.99%	92	1.38%	13.33%	13.33%	0.38%	0.10
Progressive Corp Ohio	Financials	1.80%	92	0.25%	18.32%	18.33%	0.31%	0.18
Eaton Corp Plc Shs	Industrials	1.81%	92	0.26%	17.47%	17.48%	0.30%	0.17
Cigna Corp New	Health Care	2.71%	92	0.31%	(9.72)%	(9.72)%	(0.28)%	(0.39
Marathon Pete Corp	Energy	1.40%	92	0.15%	(20.29)%	(20.29)%	(0.27)%	(0.32

Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Index Perf	Excess Return
Berkshire Hathaway Inc Del C	I B New Financials	3.67%	92	2.68%	19.29%	19.29%	0.47%	0.13%
Exxon Mobil Corp	Energy	-	-	1.17%	-	(21.72)%	(0.27)%	0.34%
Intel Corp	Information Technology	-	-	1.49%	-	(12.87)%	(0.24)%	0.309
Comcast Corp A (New)	Communication Services	-	-	1.33%	-	18.68%	0.23%	(0.16)
Chevron Corp New	Energy	0.36%	86	1.06%	(18.45)%	(18.12)%	(0.20)%	0.179
Walmart Inc	Consumer Staples	-	-	1.25%	-	17.29%	0.20%	(0.14)
Cisco Sys Inc	Information Technology	2.81%	92	1.25%	(14.88)%	(14.88)%	(0.20)%	(0.33)
Procter & Gamble Co	Consumer Staples	-	-	1.20%	-	16.97%	0.19%	(0.13)
Fedex Corp	Industrials	-	-	0.32%	-	79.91%	0.18%	(0.19)
Pfizer	Health Care	2.99%	92	1.38%	13.33%	13.33%	0.18%	0.109

•			_				Contrib	Contrib
1	0	Manager	Days	Index	Manager	Index	Manager	Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Exxon Mobil Corp	Energy	-	-	1.17%	-	(21.72)%	-	0.349
Deere & Co	Industrials	1.37%	92	0.37%	41.18%	41.51%	0.48%	0.329
Intel Corp	Information Technology	-	-	1.49%	-	(12.87)%	-	0.309
Best Buy Inc	Consumer Discretionary	1.61%	92	0.13%	28.18%	28.17%	0.41%	0.309
Progressive Corp Ohio	Financials	1.80%	92	0.25%	18.32%	18.33%	0.31%	0.189
Eaton Corp Plc Shs	Industrials	1.81%	92	0.26%	17.47%	17.48%	0.30%	0.179
Chevron Corp New	Energy	0.36%	86	1.06%	(18.45)%	(18.12)%	(0.07)%	0.179
Owens Corning New	Industrials	1.06%	92	0.05%	23.91%	23.91%	0.23%	0.179
Lennar Corp A	Consumer Discretionary	0.82%	92	0.13%	32.82%	32.81%	0.24%	0.169
Gilead Sciences	Health Care	-	-	0.59%	-	(17.03)%	-	0.15%

· ·	egative Contribution to Ex			Index			Contrib	Contrib Excess
		Manager	Days		Manager	Index	Manager	
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Cigna Corp New	Health Care	2.71%	92	0.31%	(9.72)%	(9.72)%	(0.28)%	(0.39)%
ConocoPhillips	Energy	1.61%	92	0.28%	(21.10)%	(21.03)%	(0.39)%	(0.38)%
Cisco Sys Inc	Information Technology	2.81%	92	1.25%	(14.88)%	(14.88)%	(0.42)%	(0.33)%
Marathon Pete Corp	Energy	1.40%	92	0.15%	(20.29)%	(20.29)%	(0.27)%	(0.32)%
American Intl Group Inc	Financials	1.58%	92	0.17%	(10.76)%	(10.75)%	(0.17)%	(0.24)%
Chubb Limited	Financials	2.07%	92	0.38%	(7.68)%	(7.68)%	(0.15)%	(0.23)%
Micron Technology Inc	Information Technology	1.64%	92	0.36%	(8.85)%	(8.85)%	(0.16)%	(0.21)%
Fedex Corp	Industrials	-	-	0.32%	-	79.91%	-	(0.19)%
Valero Energy Corp New	Energy	0.75%	92	0.14%	(24.85)%	(25.01)%	(0.22)%	(0.19)%
Comcast Corp A (New)	Communication Services	-	-	1.33%		18.68%	-	(0.16)%



# Atlanta Capital Period Ended September 30, 2020

#### **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.

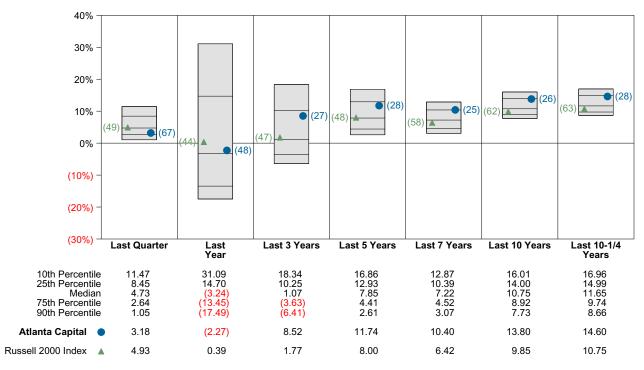
### **Quarterly Summary and Highlights**

- Atlanta Capital's portfolio posted a 3.18% return for the quarter placing it in the 67 percentile of the Callan Small Capitalization group for the quarter and in the 48 percentile for the last year.
- Atlanta Capital's portfolio underperformed the Russell 2000 Index by 1.75% for the quarter and underperformed the Russell 2000 Index for the year by 2.66%.

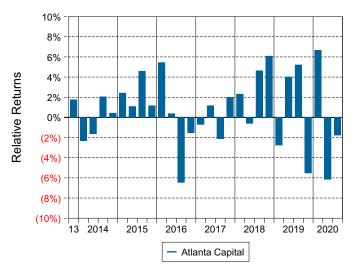
Quarterly Asset	Growth
-----------------	--------

Beginning Market Value	\$25,404,871
Net New Investment	\$-0
Investment Gains/(Losses)	\$807,308
Ending Market Value	\$26,212,180

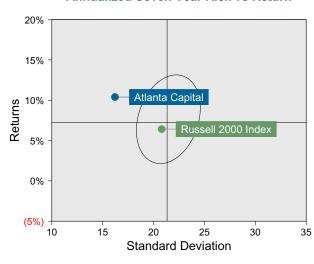
# Performance vs Callan Small Capitalization (Gross)



#### Relative Return vs Russell 2000 Index



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



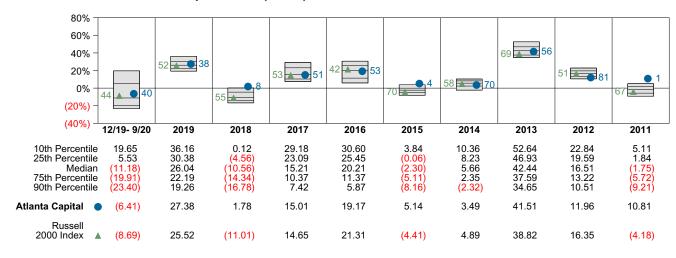


# Atlanta Capital Return Analysis Summary

### **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 Callan Small Capitalization (Gross)



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



Risk Adjusted Return Measures vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended September 30, 2020



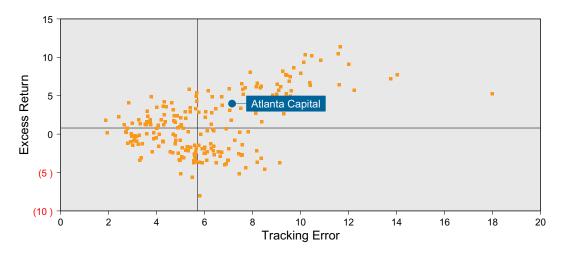


# Atlanta Capital Risk Analysis Summary

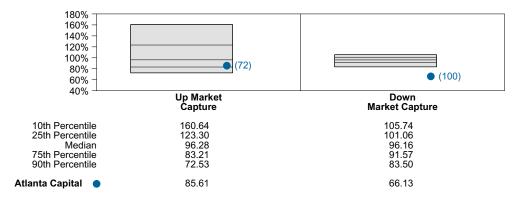
#### **Risk Analysis**

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.

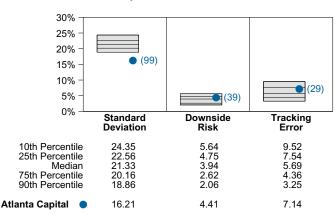
### Risk Analysis vs Callan Small Capitalization (Gross) Seven Years Ended September 30, 2020

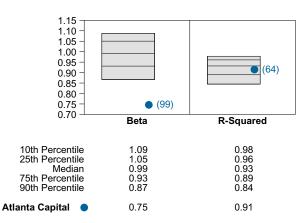


Market Capture vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended September 30, 2020



Risk Statistics Rankings vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended September 30, 2020





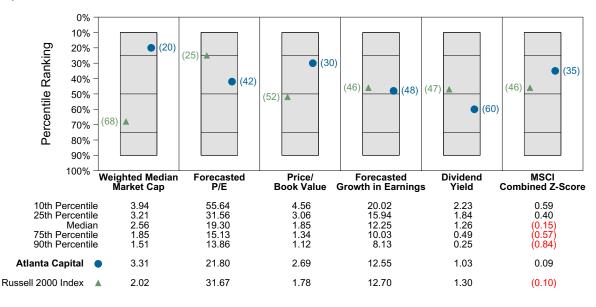


# Atlanta Capital Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

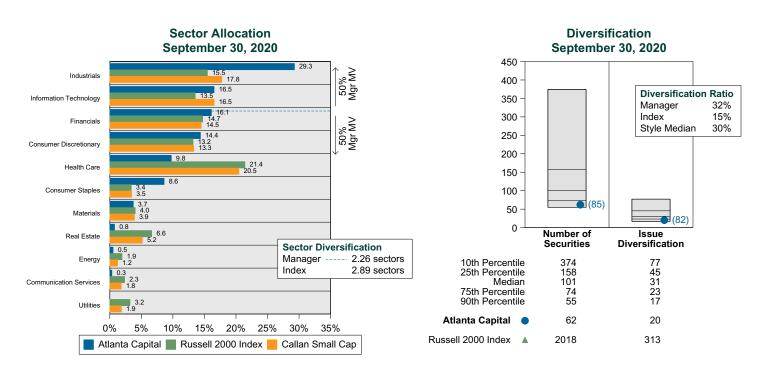
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

### Portfolio Characteristics Percentile Rankings Rankings Against Callan Small Capitalization as of September 30, 2020



#### **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.

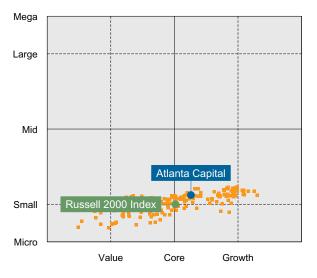




# Current Holdings Based Style Analysis Atlanta Capital As of September 30, 2020

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.

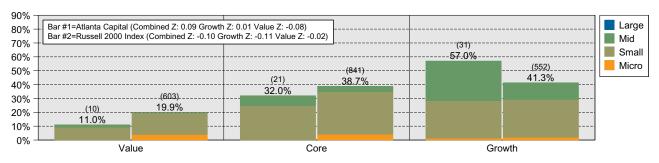
### Style Map vs Callan Small Cap Holdings as of September 30, 2020



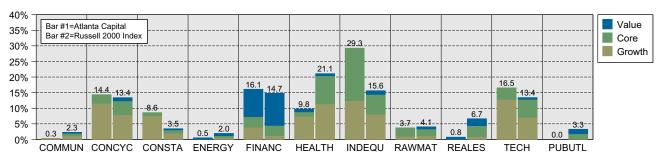
### Style Exposure Matrix Holdings as of September 30, 2020

	Value	Core	Growth	Total
iotai	19.9% (603)	38.7% (841)	41.3% (552)	100.0% (1996)
Total	11.0% (10)	32.0% (21)	57.0% (31)	100.0% (62)
	4.0% (371)	4.1% (380)	2.1% (150)	10.2% (901)
Micro	0.070 (0)	0.070 (0)		110 /0 (1)
	0.0% (0)	0.0% (0)	1.3% (1)	1.3% (1)
Small	15.6% (230)	30.8% (443)	27.2% (356)	73.6% (1029)
	9.2% (8)	24.8% (17)	27.2% (17)	61.2% (42)
	0.4% (2)	3.8% (18)	12.1% (46)	16.2% (66)
Mid	(2)	(1)	(:=,	(11)
	1.8% (2)	7.2% (4)	28.5% (13)	37.5% (19)
Large	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

# Combined Z-Score Style Distribution Holdings as of September 30, 2020



# Sector Weights Distribution Holdings as of September 30, 2020



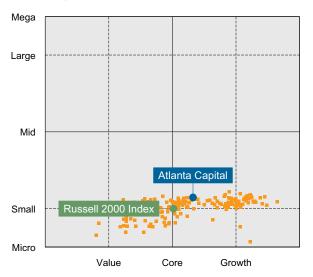


# Historical Holdings Based Style Analysis Atlanta Capital For Five Years Ended September 30, 2020

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.

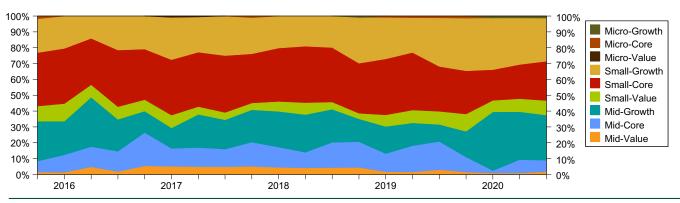
### Average Style Map vs Callan Small Cap Holdings for Five Years Ended September 30, 2020

# Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

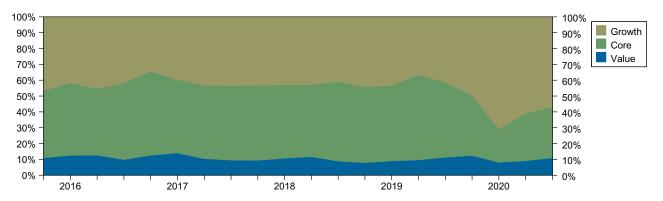




#### Atlanta Capital Historical Cap/Style Exposures



**Atlanta Capital Historical Style Only Exposures** 





# Atlanta Capital vs Russell 2000 Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended September 30, 2020

•	gest (+ or -) Contributior	Manager	Days	Index	Manager	Index	Contrib Manager	Contrib Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Emergent Biosolutions Inc	Health Care	2.34%	92	0.26%	30.88%	30.66%	0.93%	0.60%
Kinsale Cap Group Inc	Financials	3.33%	92	0.21%	22.53%	22.58%	0.79%	0.57%
Dorman Products Inc	Consumer Discretionary	2.49%	92	0.11%	34.75%	34.75%	0.76%	0.61%
Inter Parfums Inc	Consumer Staples	2.19%	92	0.04%	(22.77)%	(22.43)%	(0.56)%	$(0.64)^{\circ}$
Kirby Corp	Industrials	1.34%	92	-	(32.47)%	-	(0.49)%	(0.57)
Caseys General Stores	Consumer Staples	2.60%	92	-	18.96%	-	0.45%	0.34%
Moog Inc Cl A	Industrials	2.00%	92	0.09%	20.40%	20.40%	0.39%	0.28%
Beacon Roofing Supply Inc	Industrials	2.02%	92	0.09%	17.82%	17.83%	0.33%	0.23%
Artisan Partners Asset Mgmt Cl.	A Financials	1.61%	92	0.11%	22.09%	22.09%	0.33%	0.24%
Universal Health RIty Incm T Sh	Ben Real Estate	0.91%	92	0.05%	(27.55)%	(27.55)%	(0.28)%	(0.31)

Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Contrib Index Perf	Contrib Excess Return
Sunrun	Industrials	-	-	0.29%	-	290.83%	0.36%	(0.46)
Penn Natl Gaming Inc	Consumer Discretionary	=	_	0.35%	-	138.05%	0.31%	(0.39)
Irhythm Technologies Inc	Health Care	-	_	0.26%	-	105.45%	0.18%	(0.23)
Inovio Pharmaceuticals Inc	Health Care	-	-	0.14%	-	(56.95)%	(0.13)%	0.119
Momenta Pharmaceuticals Inc	Health Care	-	-	0.26%	-	57.74%	0.12%	(0.15)
Rh	Consumer Discretionary	-	-	0.28%	-	53.72%	0.12%	(0.12)
Caesars Entertainment Inc Ne	Consumer Discretionary	-	-	0.30%	-	39.94%	0.12%	(0.16
Myokardia Inc	Health Care	-	-	0.28%	-	41.10%	0.10%	(0.11
Mirati Therapeutics Inc	Health Care	-	-	0.27%	-	45.44%	0.10%	(0.10
Topbuild	Consumer Discretionary	-	-	0.25%	-	50.03%	0.10%	(0.10)

sitions with Largest Posit	Commission to Exc		Days Held	Index Eff Wt	Manager Return	Index Return	Contrib Manager Perf	Contrib Excess Return
la	Cantan	Manager Eff Wt						
Issue	Sector	EIT VVI						
Dorman Products Inc	Consumer Discretionary	2.49%	92	0.11%	34.75%	34.75%	0.76%	0.61%
Emergent Biosolutions Inc	Health Care	2.34%	92	0.26%	30.88%	30.66%	0.93%	0.609
Kinsale Cap Group Inc	Financials	3.33%	92	0.21%	22.53%	22.58%	0.79%	0.579
Caseys General Stores	Consumer Staples	2.60%	92	-	18.96%	-	0.45%	0.349
Moog Inc Cl A	Industrials	2.00%	92	0.09%	20.40%	20.40%	0.39%	0.289
Artisan Partners Asset Mgmt Cl A	Financials	1.61%	92	0.11%	22.09%	22.09%	0.33%	0.249
Beacon Roofing Supply Inc	Industrials	2.02%	92	0.09%	17.82%	17.83%	0.33%	0.239
Forward Air Corp	Industrials	1.73%	92	0.08%	15.53%	15.53%	0.25%	0.179
Simpson Manufacturing Co Inc	Industrials	1.85%	92	0.22%	15.77%	15.78%	0.28%	0.16%
Mesa Labs Inc	Health Care	1.21%	92	0.05%	17.59%	17.59%	0.20%	0.139

sitions with Largest Ne	-		Days Held	Index Eff Wt	Manager Return	Index Return	Contrib Manager Perf	Contrib Excess Return
	Sector	Manager Eff Wt						
Inter Parfums Inc	Consumer Staples	2.19%	92	0.04%	(22.77)%	(22.43)%	(0.56)%	$(0.64)^{\circ}$
Kirby Corp	Industrials	1.34%	92	-	(32.47)%	-	(0.49)%	(0.57)
Sunrun	Industrials	-	-	0.29%	-	290.83%	-	(0.46)
Penn Natl Gaming Inc	Consumer Discretionary	-	-	0.35%	-	138.05%	-	(0.39)
Universal Health RIty Incm T Sh Ben Real Estate		0.91%	92	0.05%	(27.55)%	(27.55)%	(0.28)%	(0.31)
Monro Inc	Consumer Discretionary	0.94%	92	0.09%	(25.81)%	(25.81)%	(0.25)%	$(0.28)^{\circ}$
Frontdoor Inc Com	Consumer Discretionary	1.56%	92	-	(12.23)%	-	(0.19)%	(0.27)
Fti Consulting	Industrials	2.15%	92	-	(7.49)%	-	(0.15)%	$(0.26)^{\circ}$
Seres Therapeutics Inc	Health Care	=	-	0.04%	-	494.74%	-	(0.26)
Exponent Inc	Industrials	1.90%	92	0.22%	(10.78)%	(10.78)%	(0.19)%	$(0.26)^{\circ}$



# International Equity Period Ended September 30, 2020

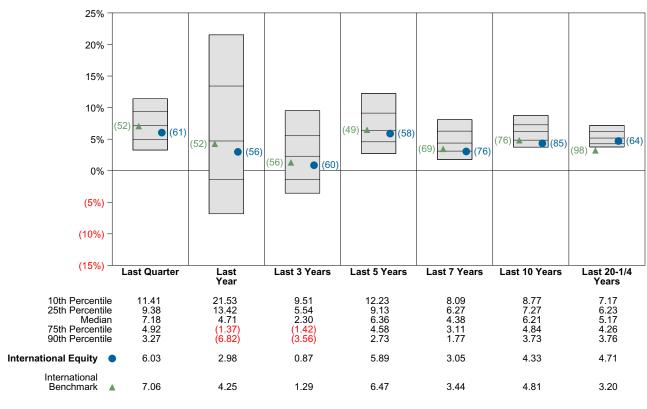
#### **Investment Philosophy**

International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.

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

- International Equity's portfolio posted a 6.03% return for the quarter placing it in the 61 percentile of the Callan Non-US Equity group for the quarter and in the 56 percentile for the last year.
- International Equity's portfolio underperformed the International Benchmark by 1.02% for the quarter and underperformed the International Benchmark for the year by 1.27%.

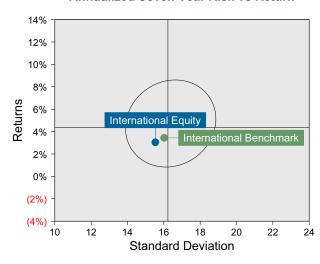
### Performance vs Callan Non-US Equity (Gross)



## Relative Return vs International Benchmark



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



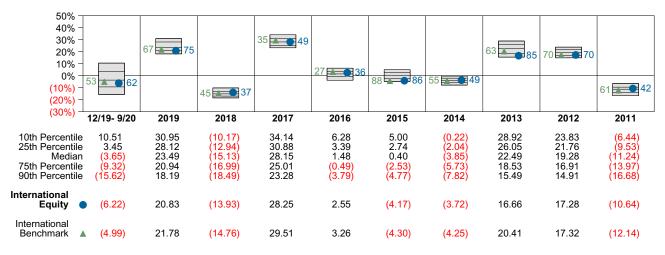


# International Equity Return Analysis Summary

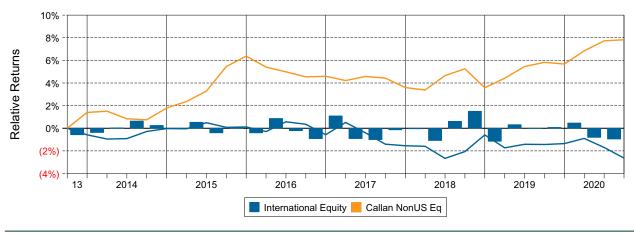
#### **Return Analysis**

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.

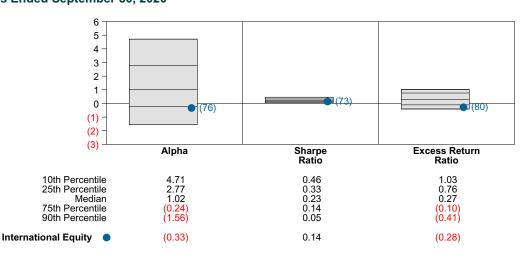
## Performance vs Callan Non-US Equity (Gross)



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



Risk Adjusted Return Measures vs International Benchmark Rankings Against Callan Non-US Equity (Gross) Seven Years Ended September 30, 2020

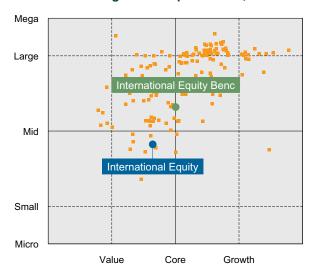




## **Current Holdings Based Style Analysis International Equity** As of September 30, 2020

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.

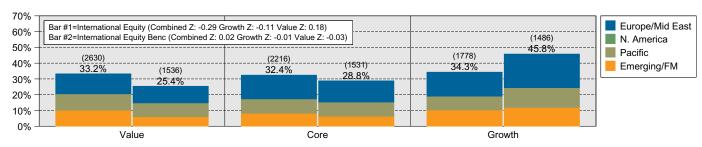
#### Style Map vs Callan NonUS Eq Holdings as of September 30, 2020



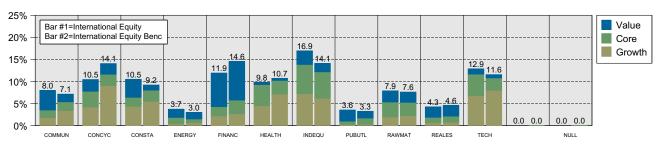
#### **Style Exposure Matrix** Holdings as of September 30, 2020

	Value	Core	Growth	Total
	25.4% (1536)	28.8% (1531)	45.8% (1486)	100.0% (4553)
Total				
	33.2% (2630)	32.4% (2216)	34.3% (1778)	100.0% (6624)
Emerging/ FM	6.0% (519)	6.3% (453)	11.9% (390)	24.1% (1362)
	10.1% (2100)	8.2% (1776)	10.2% (1330)	28.5% (5206)
	8.7% (590)	9.0% (585)	12.5% (577)	30.3% (1752)
Pacific	(333)	(222)	(2.2)	
	10.4% (308)	9.1% (232)	8.8% (212)	28.3% (752)
	0.0% (2)	0.0% (2)	0.0% (1)	0.0% (5)
N. America	(5)	(3)	(5)	(5)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Europe/ Mid East	10.6% (425)	13.5% (491)	21.4% (518)	<b>45.5</b> % (1434)
	12.8% (222)	15.1% (208)	15.3% (236)	43.2% (666)

### **Combined Z-Score Style Distribution** Holdings as of September 30, 2020



## **Sector Weights Distribution** Holdings as of September 30, 2020





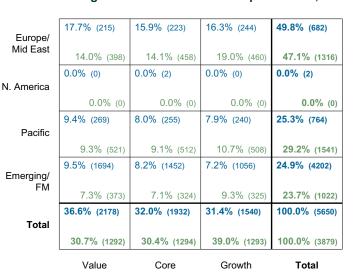
## Historical Holdings Based Style Analysis International Equity For Five Years Ended September 30, 2020

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.

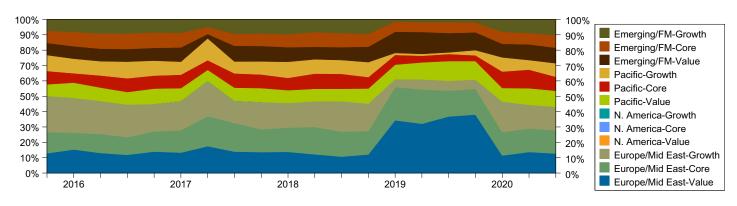
### Average Style Map vs Callan NonUS Eq Holdings for Five Years Ended September 30, 2020

### Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

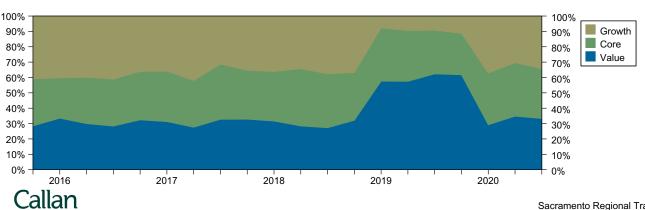




#### International Equity Historical Region/Style Exposures



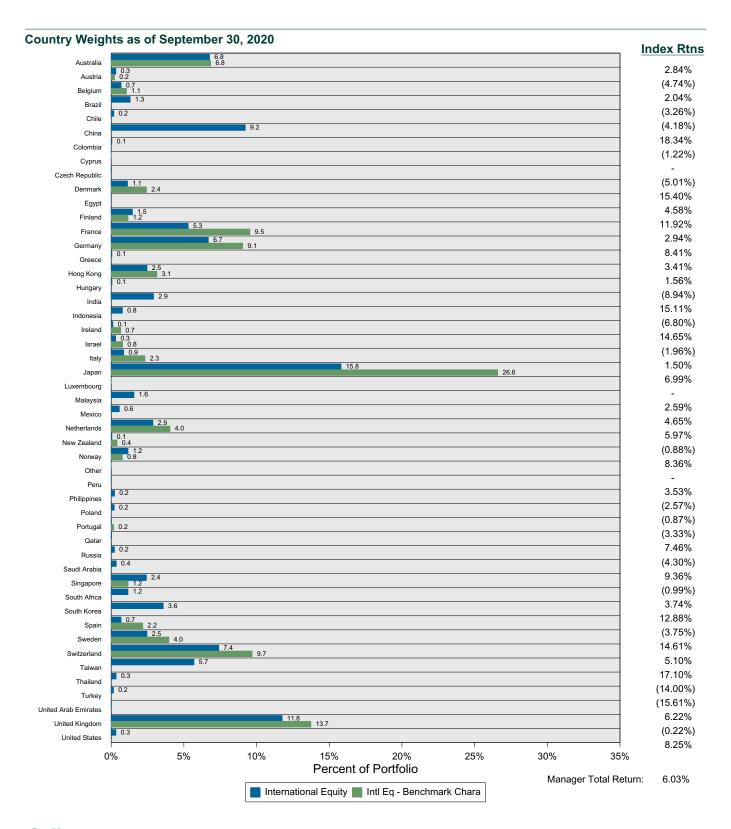
### **International Equity Historical Style Only Exposures**



## Country Allocation International Equity VS Intl Eq - Benchmark Characteristics

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of September 30, 2020. 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 September 30, 2020

#### **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.

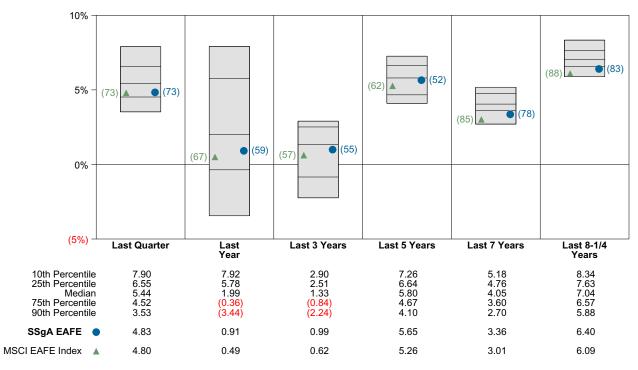
## **Quarterly Summary and Highlights**

- SSgA EAFE's portfolio posted a 4.83% return for the quarter placing it in the 73 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 59 percentile for the last year.
- SSgA EAFE's portfolio outperformed the MSCI EAFE Index by 0.04% for the quarter and outperformed the MSCI EAFE Index for the year by 0.42%.

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

Beginning Market Value	\$13,671,693
Net New Investment	\$0
Investment Gains/(Losses)	\$660,819
Ending Market Value	\$14,332,512

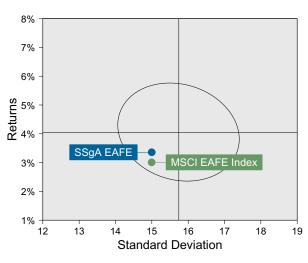
## Performance vs Callan Non-US Developed Core Equity (Gross)



#### **Relative Return vs MSCI EAFE Index**



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



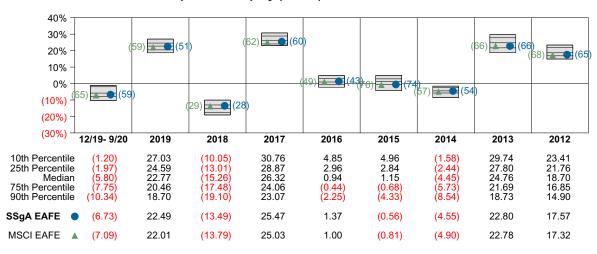


## SSgA EAFE Return Analysis Summary

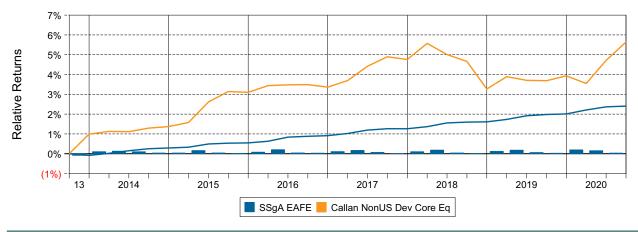
#### **Return Analysis**

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.

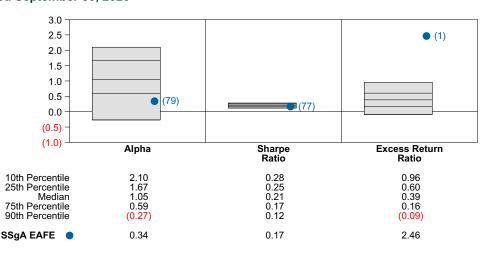
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended September 30, 2020





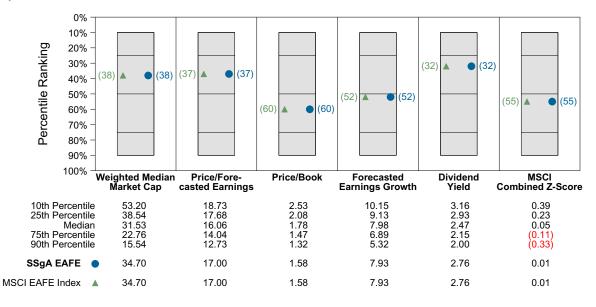
#### SSqA EAFE

## **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

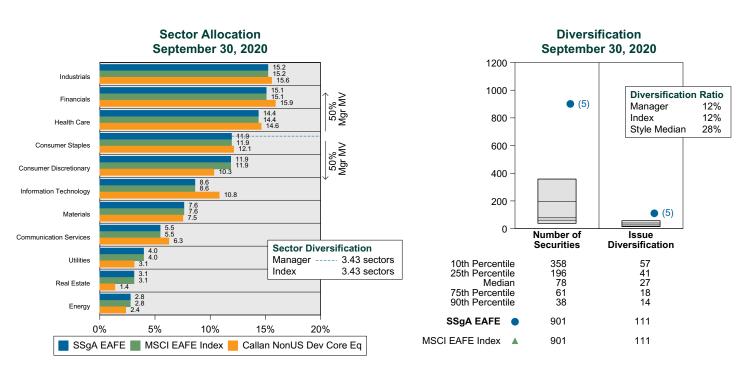
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of September 30, 2020



#### **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 September 30, 2020

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.

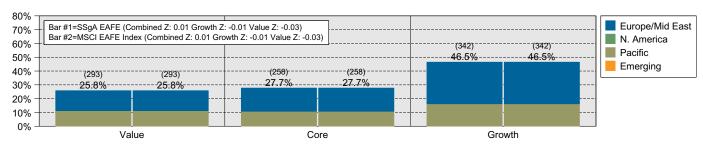
#### Style Map vs Callan NonUS Dev Core Eq. Holdings as of September 30, 2020



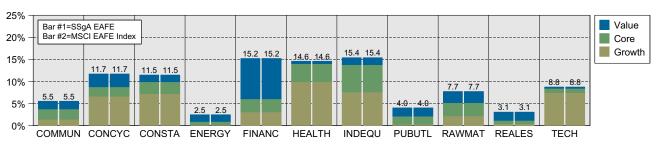
#### **Style Exposure Matrix** Holdings as of September 30, 2020

			Г	
	14.6% (133)	16.9% (120)	30.3% (187)	61.8% (440)
Europe/				
Mid East	14.6% (133)	16.9% (120)	30.3% (187)	61.8% (440)
	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)
	11.2% (160)	10.8% (138)	16.2% (155)	38.2% (453)
Pacific	, ,	, ,	, ,	, ,
	11.2% (160)	10.8% (138)	16.2% (155)	38.2% (453)
	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)
	25.8% (293)	27.7% (258)	46.5% (342)	100.0% (893)
Total				
	25.8% (293)	27.7% (258)	46.5% (342)	100.0% (893)
	Value	Core	Growth	Total

### **Combined Z-Score Style Distribution** Holdings as of September 30, 2020



## **Sector Weights Distribution** Holdings as of September 30, 2020

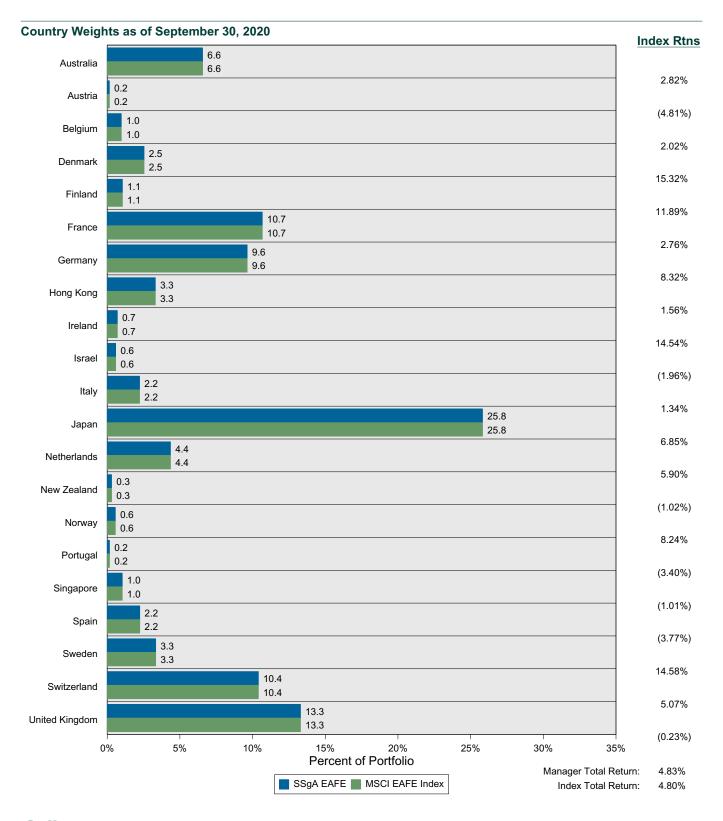




# Country Allocation SSgA EAFE VS MSCI EAFE Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of September 30, 2020. 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 September 30, 2020

## 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	\$370,901	2.6%	7.79%	342.88	24.53	2.47%	3.80%
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$252,376	1.8%	(1.73)%	241.01	15.19	2.86%	6.00%
Novartis	Health Care	\$202,241	1.4%	(1.43)%	214.59	14.07	3.69%	7.83%
Sap Se Shs	Information Technology	\$170,245	1.2%	13.43%	192.40	24.05	1.18%	8.31%
Asml Holding N V Asml Rev Stk Spl	Information Technology	\$164,502	1.1%	(1.13)%	157.08	33.09	0.76%	23.44%
Astrazeneca Plc Ord	Health Care	\$150,247	1.0%	3.66%	143.48	23.32	2.58%	18.45%
Toyota Motor Corp	Consumer Discretionary	\$145,900	1.0%	2.24%	214.34	12.88	3.17%	4.66%
Lvmh Moet Hennessy Lou Vuitt Ord	Consumer Discretionary	\$136,238	1.0%	5.30%	236.40	32.59	1.20%	4.58%
Novo Nordisk B	Health Care	\$124,810	0.9%	4.92%	125.45	22.53	1.96%	10.45%
Aia Group Ltd Com Par Usd 1	Financials	\$123,999	0.9%	7.36%	118.44	18.14	1.69%	14.64%

#### **10 Best Performers**

	Ending	Percent			Forecasted		Forecasted
	Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Communication Services	\$4,301	0.0%	70.56%	11.73	80.05	0.00%	15.40%
Communication Services	\$4,092	0.0%	69.72%	5.21	68.49	0.00%	8.16%
Utilities	\$6,708	0.0%	63.49%	11.65	38.29	2.85%	13.08%
Industrials	\$8,659	0.1%	59.24%	16.54	29.75	0.81%	7.70%
Financials	\$10,322	0.1%	58.13%	9.86	17.03	2.30%	(20.55)%
Industrials	\$33,463	0.2%	57.00%	31.95	31.29	0.77%	11.95%
Financials	\$14,856	0.1%	53.16%	14.93	32.83	1.84%	4.92%
Health Care	\$12,080	0.1%	52.04%	25.90	(20.70)	0.00%	-
Consumer Discretionary	\$3,769	0.0%	49.47%	4.80	16.79	1.91%	8.05%
Health Care	\$28,454	0.2%	49.35%	41.80	129.39	0.13%	23.98%
	Communication Services Communication Services Utilities Industrials Financials Industrials Financials Health Care Consumer Discretionary	Sector         Market Value           Communication Services         \$4,301           Communication Services         \$4,092           Utilities         \$6,708           Industrials         \$8,659           Financials         \$10,322           Industrials         \$33,463           Financials         \$14,856           Health Care         \$12,080           Consumer Discretionary         \$3,769	Sector         Market Value         of Portfolio           Communication Services         \$4,301         0.0%           Communication Services         \$4,092         0.0%           Utilities         \$6,708         0.0%           Industrials         \$8,659         0.1%           Financials         \$10,322         0.1%           Industrials         \$33,463         0.2%           Financials         \$14,856         0.1%           Health Care         \$12,080         0.1%           Consumer Discretionary         \$3,769         0.0%	Sector         Market Value         of Portfolio Portfolio         Qtrly Return           Communication Services Communication Services Utilities         \$4,301         0.0%         70.56%           Begin Francials Industrials Financials Industrials Financials Financ	Sector         Warket Value         of Portfolio         Qtrly Return         Market Capital           Communication Services         \$4,301         0.0%         70.56%         11.73           Communication Services         \$4,092         0.0%         69.72%         5.21           Utilities         \$6,708         0.0%         63.49%         11.65           Industrials         \$8,659         0.1%         59.24%         16.54           Financials         \$10,322         0.1%         58.13%         9.86           Industrials         \$33,463         0.2%         57.00%         31.95           Financials         \$14,856         0.1%         53.16%         14.93           Health Care         \$12,080         0.1%         52.04%         25.90           Consumer Discretionary         \$3,769         0.0%         49.47%         4.80	Sector         Warket Value         of Portfolio         Qtrly Return         Market Capital         Ratio           Communication Services         \$4,301         0.0%         70.56%         11.73         80.05           Communication Services         \$4,092         0.0%         69.72%         5.21         68.49           Utilities         \$6,708         0.0%         63.49%         11.65         38.29           Industrials         \$8,659         0.1%         59.24%         16.54         29.75           Financials         \$10,322         0.1%         58.13%         9.86         17.03           Industrials         \$33,463         0.2%         57.00%         31.95         31.29           Financials         \$14,856         0.1%         53.16%         14.93         32.83           Health Care         \$12,080         0.1%         52.04%         25.90         (20.70)           Consumer Discretionary         \$3,769         0.0%         49.47%         4.80         16.79	Sector         Value         Percent Portfolio         Return         Capital Capital         Ratio         Dividend Yeld           Communication Services         \$4,301         0.0%         70.56%         11.73         80.05         0.00%           Communication Services         \$4,092         0.0%         69.72%         5.21         68.49         0.00%           Utilities         \$6,708         0.0%         63.49%         11.65         38.29         2.85%           Industrials         \$8,659         0.1%         59.24%         16.54         29.75         0.81%           Financials         \$10,322         0.1%         58.13%         9.86         17.03         2.30%           Industrials         \$33,463         0.2%         57.00%         31.95         31.29         0.77%           Financials         \$14,856         0.1%         53.16%         14.93         32.83         1.84%           Health Care         \$12,080         0.1%         52.04%         25.90         (20.70)         0.00%           Consumer Discretionary         \$3,769         0.0%         49.47%         4.80         16.79         1.91%

## **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
Daiichi Sankyo Co	Health Care	\$54,525	0.4%	(60.52)%	65.08	82.48	0.72%	1.18%
Rolls Royce Holdings Plc Lon Shs	Industrials	\$3,399	0.0%	(51.92)%	3.25	(5.83)	0.00%	(5.78)%
Klepierre Sa Act	Real Estate	\$2,895	0.0%	(36.16)%	4.22	4.74	17.94%	(3.39)%
Teva Pharmaceutical Inds Ltd Adr	Health Care	\$10,337	0.1%	(27.31)%	9.93	3.46	0.00%	(7.60)%
Thyssen Krupp Ag Duesseldorf Ord	Materials	\$2,143	0.0%	(27.06)%	3.18	(5.44)	0.00%	(0.44)%
Telefonica	Communication Services	\$17,556	0.1%	(25.26)%	18.35	6.02	12.85%	(2.26)%
Origin Energy	Energy	\$5,684	0.0%	(24.84)%	5.43	15.81	5.81%	(10.76)%
Andritz Ag Graz Austria Akt	Industrials	\$2,357	0.0%	(24.68)%	3.21	10.89	1.90%	(6.58)%
Repsol Ypf	Energy	\$10,454	0.1%	(24.26)%	10.91	6.96	16.13%	0.74%
A2	Consumer Staples	\$7,856	0.1%	(24.14)%	7.53	24.49	0.00%	18.11%



# Pyrford Period Ended September 30, 2020

#### **Investment Philosophy**

Pyrford's investment strategy is based on a value-driven, absolute return approach, with both top-down and bottom-up elements. At the country level they seek to invest in countries that offer an attractive market valuation relative to their long-term prospects. At the stock level they identify companies that offer excellent value relative to in-house forecasts of long-term (5 years) earnings growth. This approach is characterized by low absolute volatility and downside protection. Returns prior to 6/30/2017 are linked to a composite history.

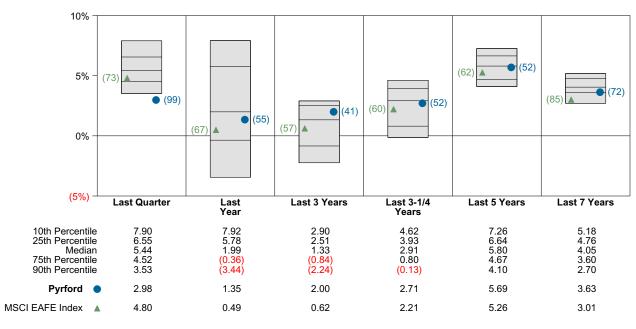
#### **Quarterly Summary and Highlights**

- Pyrford's portfolio posted a 2.98% return for the quarter placing it in the 99 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 55 percentile for the last year.
- Pyrford's portfolio underperformed the MSCI EAFE Index by 1.82% for the quarter and outperformed the MSCI EAFE Index for the year by 0.85%.

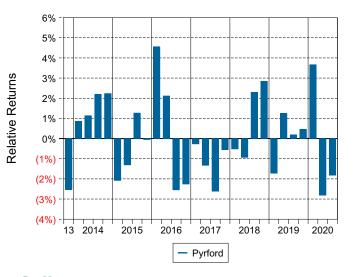
#### **Quarterly Asset Growth**

Beginning Market Value	\$28,356,461
Net New Investment	\$0
Investment Gains/(Losses)	\$845,125
Ending Market Value	\$29,201,587

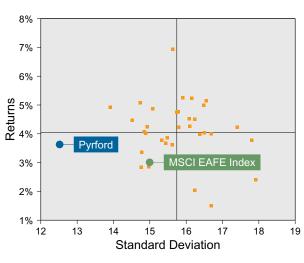
### Performance vs Callan Non-US Developed Core Equity (Gross)



## **Relative Return vs MSCI EAFE Index**



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



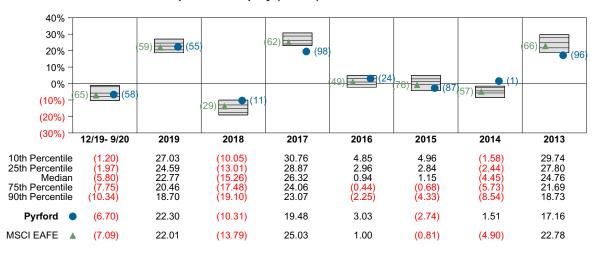


# Pyrford Return Analysis Summary

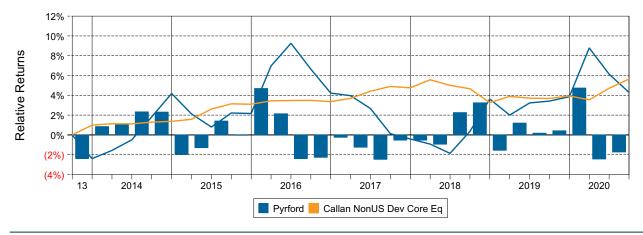
#### **Return Analysis**

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.

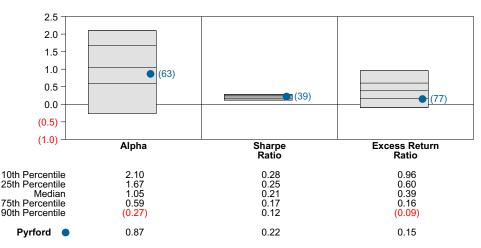
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended September 30, 2020



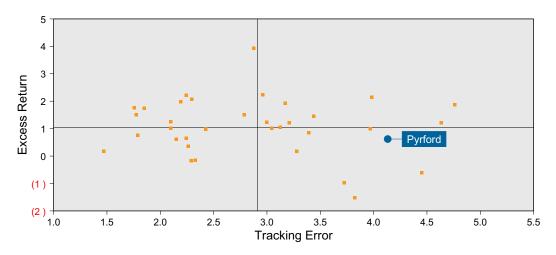


# Pyrford Risk Analysis Summary

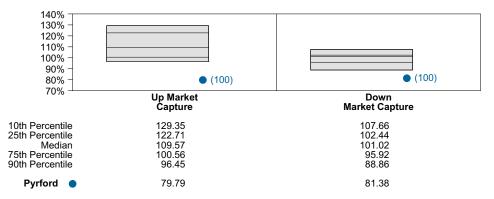
#### **Risk Analysis**

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.

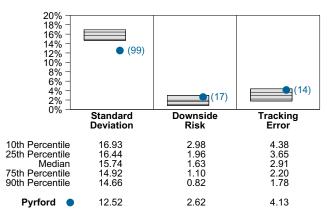
#### Risk Analysis vs Callan Non-US Developed Core Equity (Gross) Seven Years Ended September 30, 2020

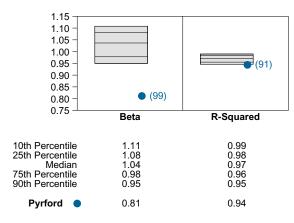


Market Capture vs MSCI EAFE Index (USD Net Div)
Rankings Against Callan Non-US Developed Core Equity (Gross)
Seven Years Ended September 30, 2020



Risk Statistics Rankings vs MSCI EAFE Index (USD Net Div) Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended September 30, 2020





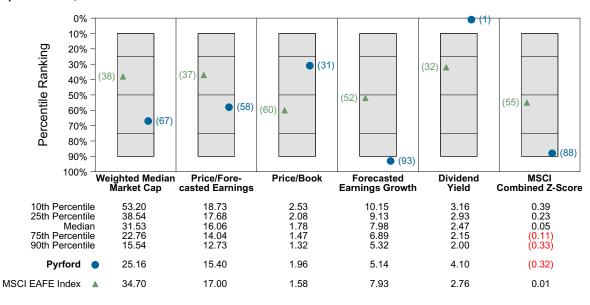


# Pyrford Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

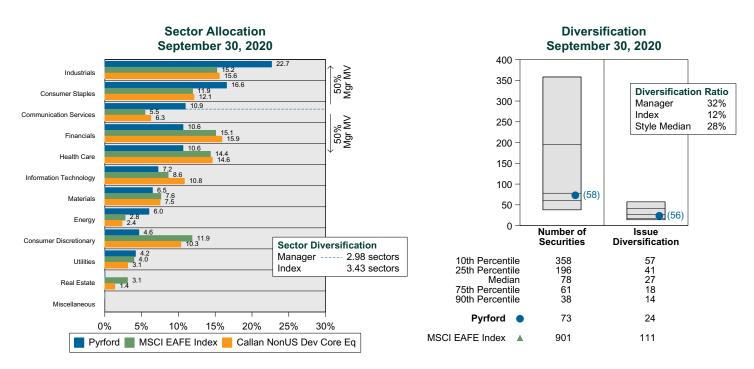
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of September 30, 2020



#### **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.

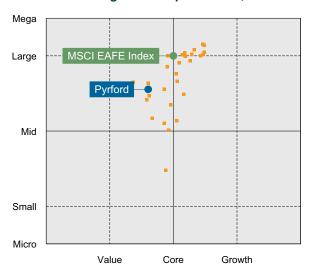




## **Current Holdings Based Style Analysis Pvrford** As of September 30, 2020

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.

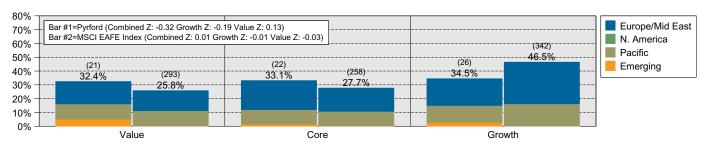
#### Style Map vs Callan NonUS Dev Core Eq. Holdings as of September 30, 2020



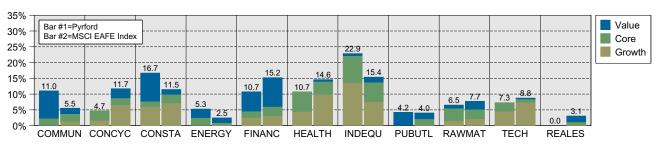
#### **Style Exposure Matrix** Holdings as of September 30, 2020

	16.3% (10)	21.1% (13)	19.5% (15)	56.9% (38)
Europe/ Mid East				
	14.6% (133)	16.9% (120)	30.3% (187)	61.8% (440)
	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)
	10.9% (7)	10.6% (7)	12.2% (8)	33.7% (22)
Pacific				
	11.2% (160)	10.8% (138)	16.2% (155)	38.2% (453)
	5.2% (4)	1.4% (2)	2.8% (3)	9.4% (9)
Emerging				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	32.4% (21)	33.1% (22)	34.5% (26)	100.0% (69)
Total				
	25.8% (293)	27.7% (258)	46.5% (342)	100.0% (893)
	Value	Core	Growth	Total

### **Combined Z-Score Style Distribution** Holdings as of September 30, 2020



## **Sector Weights Distribution** Holdings as of September 30, 2020



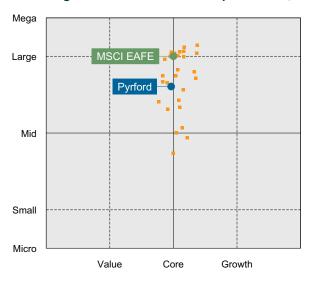


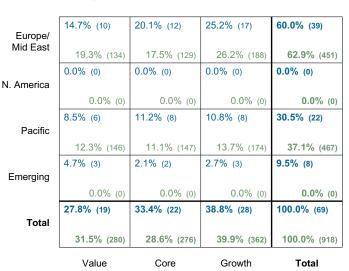
## Historical Holdings Based Style Analysis Pyrford For Five Years Ended September 30, 2020

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.

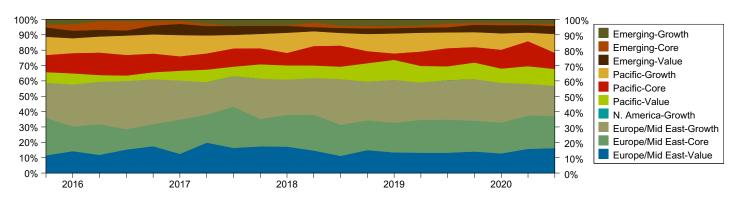
### Average Style Map vs Callan NonUS Dev Core Eq Holdings for Five Years Ended September 30, 2020

#### Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

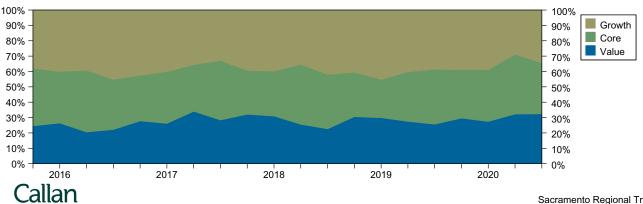




#### **Pyrford Historical Region/Style Exposures**



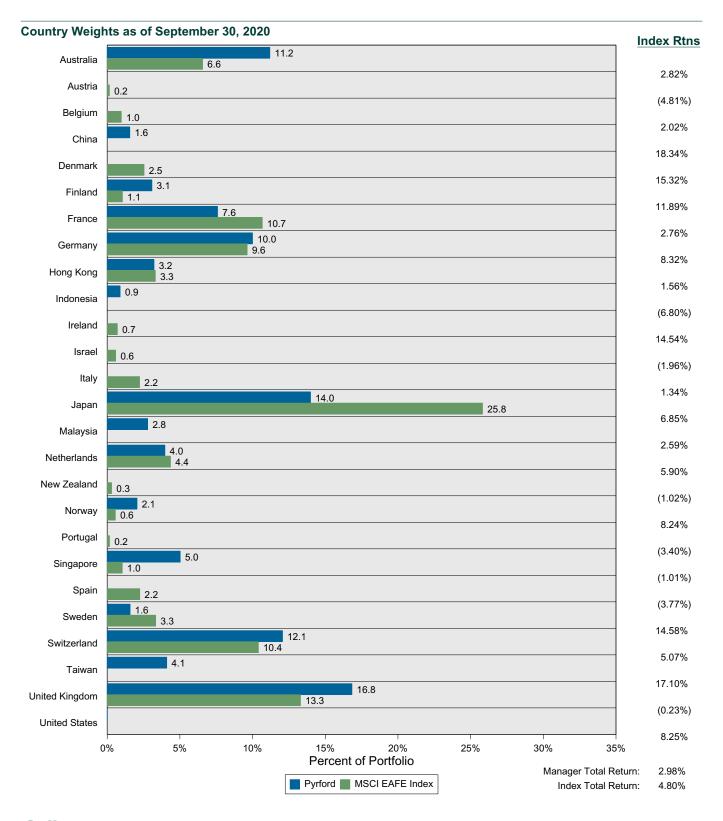
### **Pyrford Historical Style Only Exposures**



# Country Allocation Pyrford VS MSCI EAFE Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of September 30, 2020. 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.





## **Pyrford** Top 10 Portfolio Holdings Characteristics as of September 30, 2020

## 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
Japan Tobacco Inc Ord	Consumer Staples	\$938,682	3.2%	(0.63)%	36.39	11.02	8.02%	(6.79)%
Nestle S A Shs Nom New	Consumer Staples	\$897,127	3.1%	7.79%	342.88	24.53	2.47%	3.80%
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$756,142	2.6%	(1.73)%	241.01	15.19	2.86%	6.00%
Novartis	Health Care	\$687,765	2.4%	(1.43)%	214.59	14.07	3.69%	7.83%
Mitsubishi Elec Corp Shs	Industrials	\$678,559	2.3%	0.68%	28.92	18.10	2.81%	4.23%
Unilever (Wbo) Dead - Dead-30/12/99	Consumer Staples	\$672,901	2.3%	14.81%	88.21	20.02	3.19%	3.20%
Woolworths Ltd	Consumer Staples	\$671,970	2.3%	3.43%	32.98	24.80	2.58%	8.68%
Brambles Ltd Npv	Industrials	\$662,910	2.3%	2.73%	11.32	20.32	2.47%	10.74%
National Grid Ord	Utilities	\$603,801	2.1%	(2.08)%	40.50	16.06	5.46%	2.90%
Telenor Asa Shs	Communication Services	\$600,752	2.1%	15.07%	23.40	14.84	5.56%	(1.71)%

#### **10 Best Performers**

	Ending Market	Percent			Forecasted		
	Market				Forecasted		
	Maine	of	Qtrly	Market	Earnings	Dividend	Growth in
Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Information Technology	\$499,402	1.7%	41.72%	387.67	22.31	2.31%	17.11%
Industrials	\$448,492	1.5%	34.78%	56.74	16.53	2.94%	8.60%
Industrials	\$525,813	1.8%	29.37%	9.86	17.31	2.30%	4.47%
Industrials	\$341,079	1.2%	27.21%	10.92	19.37	2.06%	1.15%
Materials	\$572,303	2.0%	27.00%	3.53	28.80	2.24%	1.13%
Industrials	\$457,952	1.6%	26.24%	39.89	38.49	2.26%	6.40%
Industrials	\$282,039	1.0%	23.05%	3.70	14.85	4.63%	3.10%
Materials	\$202,933	0.7%	22.66%	39.90	40.23	1.56%	6.03%
Consumer Discretionary	\$56,071	0.2%	20.12%	2.41	21.52	1.80%	14.27%
Industrials	\$202,917	0.7%	20.04%	22.01	32.02	2.07%	1.65%
	Information Technology Industrials Industrials Industrials Materials Industrials Industrials Industrials Consumer Discretionary	Information Technology         \$499,402           Industrials         \$448,492           Industrials         \$525,813           Industrials         \$341,079           Materials         \$572,303           Industrials         \$457,952           Industrials         \$282,039           Materials         \$202,933           Consumer Discretionary         \$56,071	Information Technology         \$499,402         1.7%           Industrials         \$448,492         1.5%           Industrials         \$525,813         1.8%           Industrials         \$341,079         1.2%           Materials         \$572,303         2.0%           Industrials         \$457,952         1.6%           Industrials         \$282,039         1.0%           Materials         \$202,933         0.7%           Consumer Discretionary         \$56,071         0.2%	Information Technology         \$499,402         1.7%         41.72%           Industrials         \$448,492         1.5%         34.78%           Industrials         \$525,813         1.8%         29.37%           Industrials         \$341,079         1.2%         27.21%           Materials         \$572,303         2.0%         27.00%           Industrials         \$457,952         1.6%         26.24%           Industrials         \$282,039         1.0%         23.05%           Materials         \$202,933         0.7%         22.66%           Consumer Discretionary         \$56,071         0.2%         20.12%	Information Technology         \$499,402         1.7%         41.72%         387.67           Industrials         \$448,492         1.5%         34.78%         56.74           Industrials         \$525,813         1.8%         29.37%         9.86           Industrials         \$341,079         1.2%         27.21%         10.92           Materials         \$572,303         2.0%         27.00%         3.53           Industrials         \$457,952         1.6%         26.24%         39.89           Industrials         \$282,039         1.0%         23.05%         3.70           Materials         \$202,933         0.7%         22.66%         39.90           Consumer Discretionary         \$56,071         0.2%         20.12%         2.41	Information Technology         \$499,402         1.7%         41.72%         387.67         22.31           Industrials         \$448,492         1.5%         34.78%         56.74         16.53           Industrials         \$525,813         1.8%         29.37%         9.86         17.31           Industrials         \$341,079         1.2%         27.21%         10.92         19.37           Materials         \$572,303         2.0%         27.00%         3.53         28.80           Industrials         \$457,952         1.6%         26.24%         39.89         38.49           Industrials         \$282,039         1.0%         23.05%         3.70         14.85           Materials         \$202,933         0.7%         22.66%         39.90         40.23           Consumer Discretionary         \$56,071         0.2%         20.12%         2.41         21.52	Information Technology         \$499,402         1.7%         41.72%         387.67         22.31         2.31%           Industrials         \$448,492         1.5%         34.78%         56.74         16.53         2.94%           Industrials         \$525,813         1.8%         29.37%         9.86         17.31         2.30%           Industrials         \$341,079         1.2%         27.21%         10.92         19.37         2.06%           Materials         \$572,303         2.0%         27.00%         3.53         28.80         2.24%           Industrials         \$457,952         1.6%         26.24%         39.89         38.49         2.26%           Industrials         \$282,039         1.0%         23.05%         3.70         14.85         4.63%           Materials         \$202,933         0.7%         22.66%         39.90         40.23         1.56%           Consumer Discretionary         \$56,071         0.2%         20.12%         2.41         21.52         1.80%

## **10 Worst Performers**

						Price/		
		Ending	Ending Percent			Forecasted		Forecasted
		Market	Market of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Pt Telekomunikasi Indo Perse Shs Ser	Communication Services	\$123,998	0.4%	(22.61)%	17.04	11.33	6.02%	9.34%
Royal Dutch Shell A Shs	Energy	\$270,916	0.9%	(22.51)%	51.83	11.70	10.39%	(4.54)%
Bp Plc Shs	Energy	\$238,345	0.8%	(21.58)%	59.00	16.35	12.59%	16.68%
Vodafone Group Plc New Shs New	Communication Services	\$405,378	1.4%	(18.39)%	35.62	14.15	7.54%	22.47%
Rubis Ord Shs	Utilities	\$314,801	1.1%	(16.44)%	4.16	11.23	5.11%	15.36%
Kddi	Communication Services	\$546,459	1.9%	(14.92)%	57.99	9.17	4.33%	4.11%
Singapore Telecom	Communication Services	\$396,413	1.4%	(11.98)%	25.36	13.74	5.78%	(9.07)%
Abc-Mart	Consumer Discretionary	\$454,169	1.6%	(10.92)%	4.28	18.87	3.11%	2.69%
British American Tobacco	Consumer Staples	\$591,666	2.0%	(9.77)%	82.38	8.11	7.38%	5.17%
Comfortdelgro Corporation Lt Shs	Industrials	\$420,244	1.4%	(8.30)%	2.24	16.40	3.75%	(0.49)%



#### **AQR**

## Period Ended September 30, 2020

#### **Investment Philosophy**

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

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

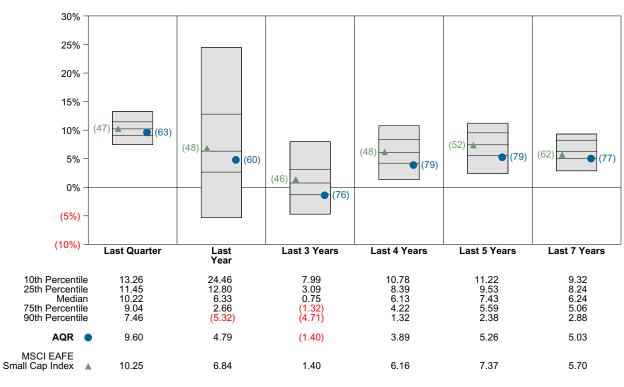
#### AQR's portfolio posted a 9.60% return for the quarter placing it in the 63 percentile of the Callan International Small Cap group for the quarter and in the 60 percentile for the last year.

 AQR's portfolio underperformed the MSCI EAFE Small Cap Index by 0.65% for the quarter and underperformed the MSCI EAFE Small Cap Index for the year by 2.05%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$15,246,762
Net New Investment	\$0
Investment Gains/(Losses)	\$1,428,715
Ending Market Value	\$16 675 477

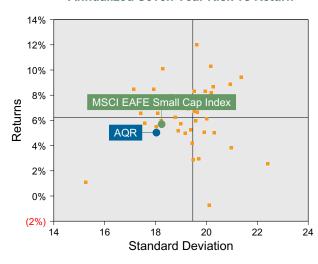
## Performance vs Callan International Small Cap (Gross)



#### Relative Returns vs MSCI EAFE Small Cap Index



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





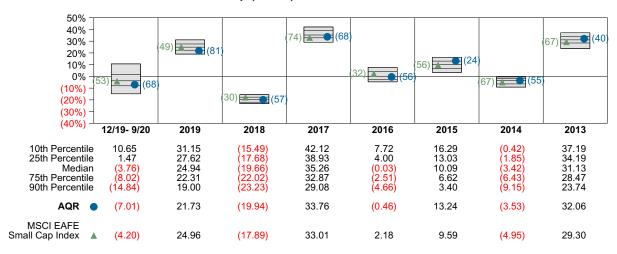
#### **AQR**

#### **Return Analysis Summary**

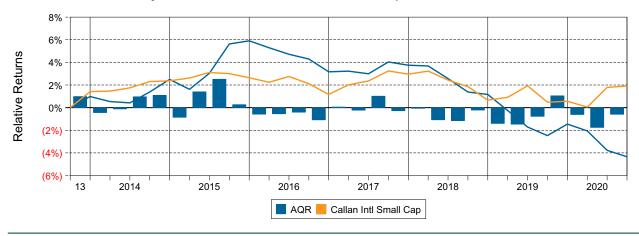
#### **Return Analysis**

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.

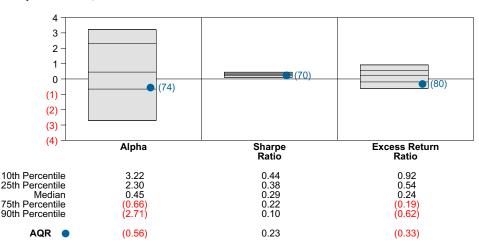
#### Performance vs Callan International Small Cap (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended September 30, 2020



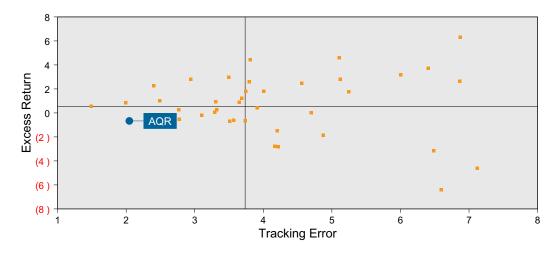


## **AQR Risk Analysis Summary**

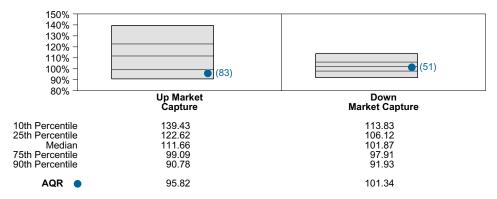
#### Risk Analysis

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.

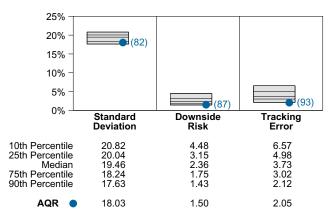
#### Risk Analysis vs Callan International Small Cap (Gross) Seven Years Ended September 30, 2020

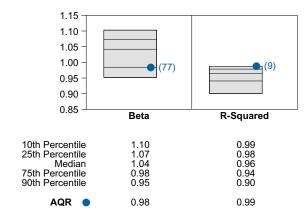


Market Capture vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended September 30, 2020



Risk Statistics Rankings vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended September 30, 2020







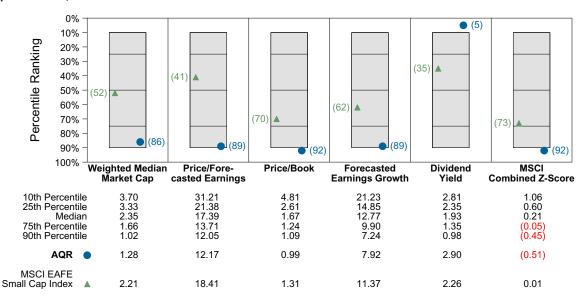
## **AQR**

## **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

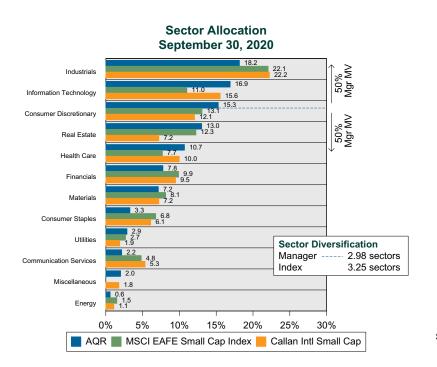
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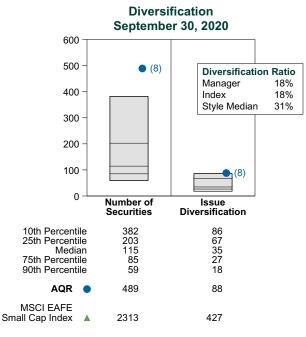
#### Portfolio Characteristics Percentile Rankings Rankings Against Callan International Small Cap as of September 30, 2020



#### **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.



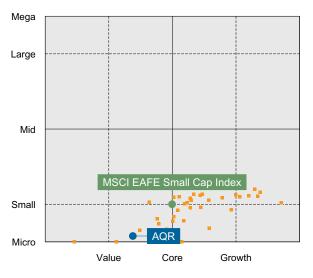




## **Current Holdings Based Style Analysis AQR** As of September 30, 2020

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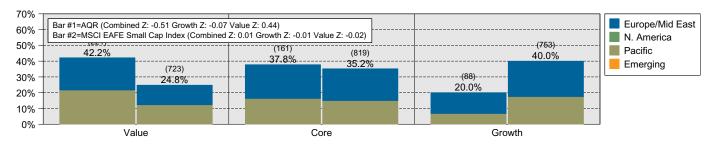
## Style Map vs Callan Intl Small Cap Holdings as of September 30, 2020



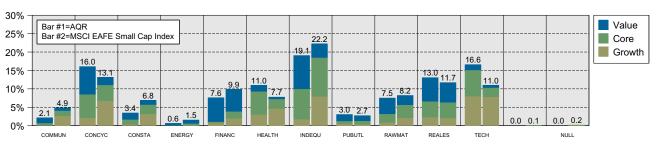
### **Style Exposure Matrix** Holdings as of September 30, 2020

	0.0% (0)	0.0% (1)	0.0% (0)	0.0% (1)
Emerging		, ,	, ,	. ,
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
i dollio	12.3% (430)	14.9% (447)	17.5% (422)	44.7% (1299)
Pacific	21.6% (134)	16.3% (74)	6.7% (40)	44.7% (248)
	0.0% (1)	0.0% (0)	0.0% (0)	0.0% (1)
N. America	0.00/ (4)	0.00/ (0)	0.00/ (0)	0.00/ (4)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Mid East	12.5% (292)	20.3% (371)	22.5% (331)	55.2% (994)
Europe/	20.5% (87)	21.5% (87)	13.3% (48)	55.3% (222)

### **Combined Z-Score Style Distribution** Holdings as of September 30, 2020



## **Sector Weights Distribution** Holdings as of September 30, 2020





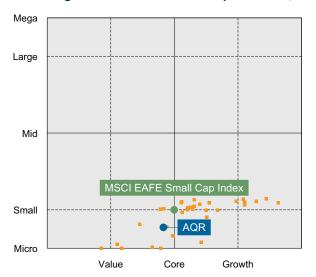
## **Historical Holdings Based Style Analysis AQR**

### For Five Years Ended September 30, 2020

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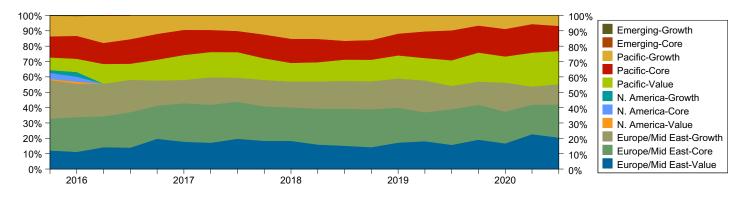
#### Average Style Map vs Callan Intl Small Cap Holdings for Five Years Ended September 30, 2020

### **Average Style Exposure Matrix** Holdings for Five Years Ended September 30, 2020

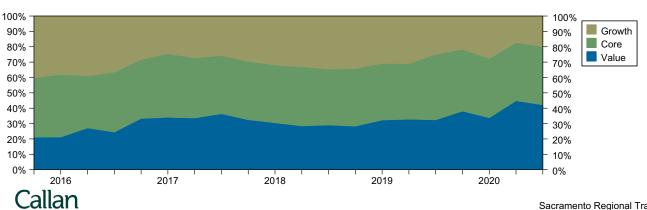




#### **AQR Historical Region/Style Exposures**



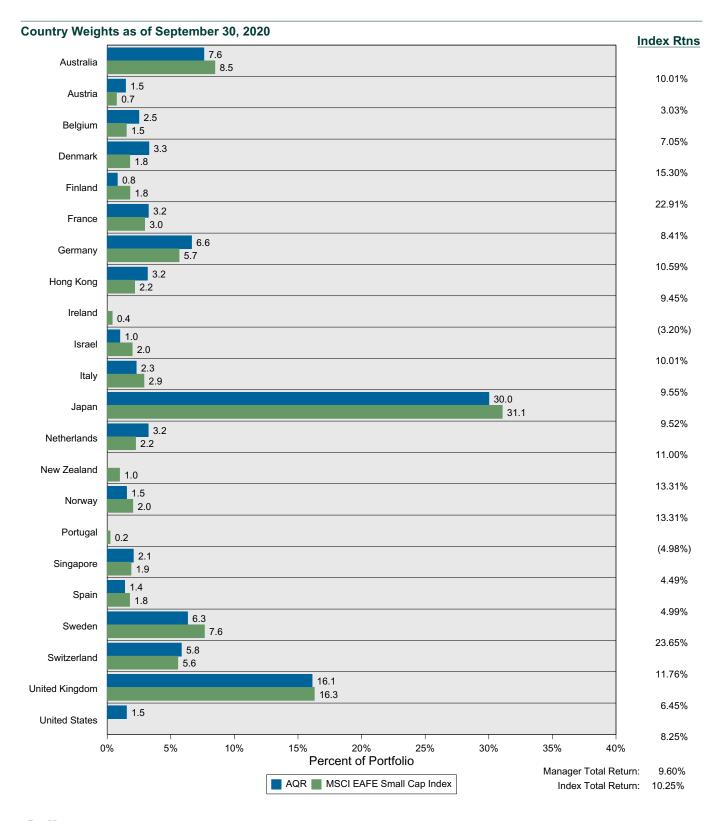
#### **AQR Historical Style Only Exposures**



# Country Allocation AQR VS MSCI EAFE Small Cap Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of September 30, 2020. 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 September 30, 2020

## 10 Largest Holdings

		Ending	Percent				Forecasted	
Stock	Sector	Market Value	of Portfolio	Qtrly Return	Market Capital	Earnings Ratio	Dividend Yield	Growth in Earnings
Computacenter Plc Shs Par 0.075555	Information Technology	\$204,549	1.2%	51.66%	3.49	21.07	0.52%	9.69%
Scandinavian Tobacco Group A Common	Consumer Staples	\$191,730	1.1%	0.67%	1.48	8.37	6.47%	12.31%
Indivior Plc Ord Usd2	Health Care	\$180,729	1.1%	47.49%	1.11	30.20	0.00%	(37.79)%
Carphone Whse.Gp.	Consumer Discretionary	\$176,774	1.1%	(13.70)%	1.41	8.58	2.41%	4.41%
Draegerwerk Ag & Co Kgaa Pref Shs No	Health Care	\$170,310	1.0%	6.72%	0.74	10.34	0.26%	(20.37)%
Ferrexpo Plc London Shs	Materials	\$163,089	1.0%	66.17%	1.34	4.26	5.69%	(27.90)%
Flow Traders	Financials	\$161,201	1.0%	36.93%	1.86	8.71	13.36%	(13.85)%
Sandfire Resources NI Shs	Materials	\$153,978	0.9%	(15.34)%	0.52	7.52	4.66%	4.97%
T-Gaia Corp Shs	Consumer Discretionary	\$142,543	0.9%	1.06%	1.05	8.86	3.80%	19.87%
Ams Ag Shs New	Information Technology	\$137,733	0.8%	50.22%	6.25	27.28	0.00%	(15.11)%

#### **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
Crayon Group Holding	Information Technology	\$5,198	0.0%	101.27%	1.06	46.81	0.00%	-
Mesoblast Ltd Shs	Health Care	\$30,280	0.2%	76.90%	2.14	(134.86)	0.00%	-
Elementis 1998 Ord	Materials	\$14,332	0.1%	74.42%	0.57	10.32	0.00%	14.20%
Ferrexpo Plc London Shs	Materials	\$163,089	1.0%	66.17%	1.34	4.26	5.69%	(27.90)%
Hutchison Port Holdings Trst	Industrials	\$25,956	0.2%	64.26%	1.43	20.50	7.32%	(24.07)%
Sma Solar Technology	Information Technology	\$31,863	0.2%	57.08%	1.54	65.83	0.00%	45.67%
Ao World	Consumer Discretionary	\$14,667	0.1%	56.93%	1.34	32.82	0.00%	-
Bonava Ab Common Stock	Consumer Discretionary	\$20,670	0.1%	54.78%	0.81	12.82	0.00%	(11.57)%
Frontier Developments	Communication Services	\$20,414	0.1%	53.83%	1.38	50.81	0.00%	17.46%
Data3	Information Technology	\$52,832	0.3%	52.74%	0.72	35.62	2.12%	10.38%

## **10 Worst Performers**

		Ending	Percent			Price/ Forecasted		Forecasted
Stock	Sector	Market Value	of Portfolio	Qtrly Return	Market Capital	Earnings Ratio	Dividend Yield	Growth in Earnings
Fin Finablr	Information Technology	\$2,546	0.0%	(92.86)%	0.01	0.05	0.00%	-
Norwegian Air Shuttle	Industrials	\$9,287	0.1%	(63.74)%	0.37	(0.91)	0.00%	(6.99)%
Europcar	Industrials	\$16,776	0.1%	(63.67)%	0.14	(1.34)	0.00%	0.41%
Grenkeleasing Ag Baden Baden Shs	Financials	\$8,542	0.1%	(51.91)%	1.71	14.60	2.55%	4.16%
First Reit.	Real Estate	\$5,995	0.0%	(37.48)%	0.26	6.25	15.17%	3.22%
Cineworld Group Plc London Shs	Communication Services	\$8,356	0.1%	(33.57)%	0.72	10.60	21.62%	(12.10)%
Senior Plc Ord	Industrials	\$22,342	0.1%	(33.34)%	0.24	24.17	0.00%	(32.54)%
Tp Icap Plc Shs	Financials	\$12,265	0.1%	(32.21)%	1.66	6.10	7.38%	7.80%
Vpower Group Intl.	Industrials	\$37,872	0.2%	(32.17)%	0.97	8.13	1.31%	(18.99)%
Koninklijke Bam Groep NV Shs	Industrials	\$75,528	0.5%	(29.96)%	0.35	6.74	12.96%	(12.29)%



## DFA Emerging Markets Period Ended September 30, 2020

#### **Investment Philosophy**

Returns prior to 6/30/2013 are linked to a composite history.

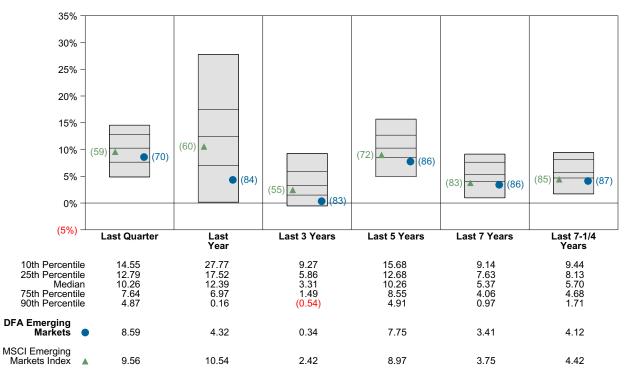
#### **Quarterly Summary and Highlights**

- DFA Emerging Markets's portfolio posted a 8.59% return for the quarter placing it in the 70 percentile of the Callan Emerging Markets Equity Mut Funds group for the quarter and in the 84 percentile for the last year.
- DFA Emerging Markets's portfolio underperformed the MSCI Emerging Markets Index by 0.97% for the quarter and underperformed the MSCI Emerging Markets Index for the year by 6.21%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$19,046,515
Net New Investment	\$0
Investment Gains/(Losses)	\$1,614,414
Ending Market Value	\$20,660,929

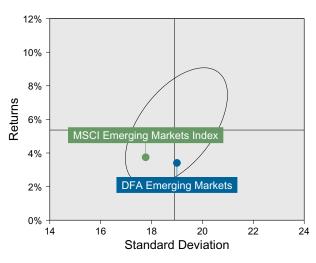
#### Performance vs Callan Emerging Markets Equity Mut Funds (Gross)



#### Relative Returns vs MSCI Emerging Markets Index



## Callan Emerging Markets Equity Mut Funds (Gross) Annualized Seven Year Risk vs Return



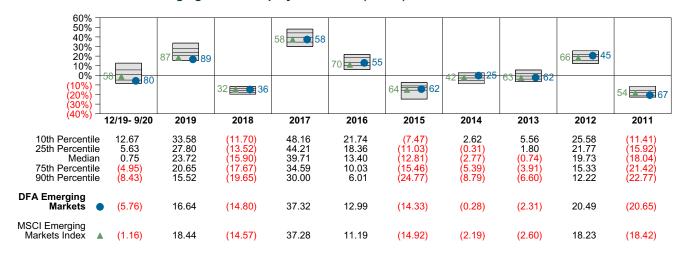


## DFA Emerging Markets Return Analysis Summary

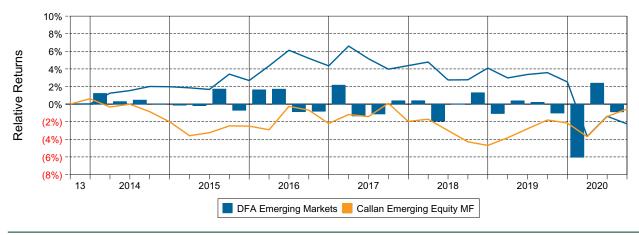
#### **Return Analysis**

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 Callan Emerging Markets Equity Mut Funds (Gross)



#### **Cumulative and Quarterly Relative Return vs MSCI Emerging Markets Index**



Risk Adjusted Return Measures vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended September 30, 2020



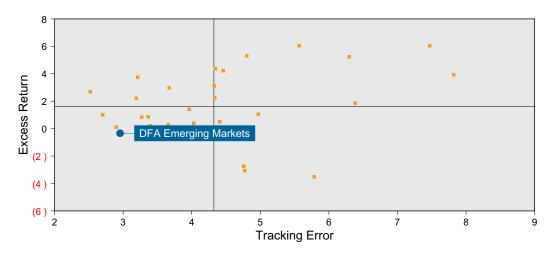


# **DFA Emerging Markets Risk Analysis Summary**

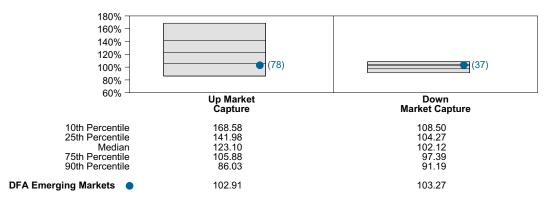
#### **Risk Analysis**

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.

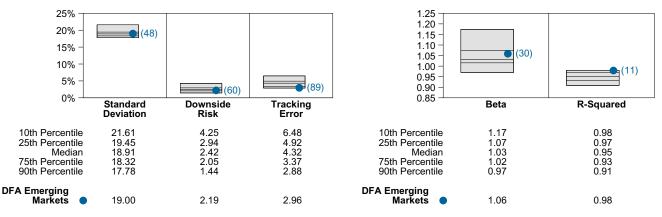
#### Risk Analysis vs Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended September 30, 2020



Market Capture vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended September 30, 2020



Risk Statistics Rankings vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended September 30, 2020



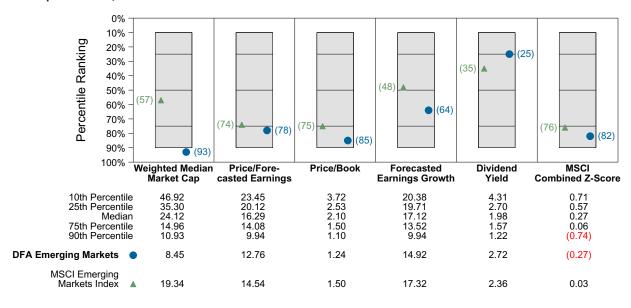


## **DFA Emerging Markets Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

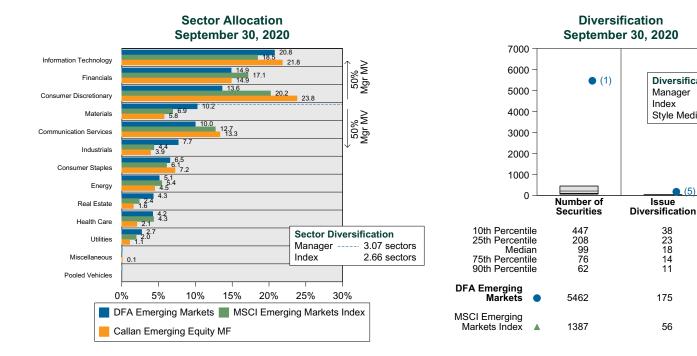
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### **Portfolio Characteristics Percentile Rankings** Rankings Against Callan Emerging Markets Equity Mut Funds as of September 30, 2020



#### **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.





**Diversification Ratio** 

3%

4%

17%

Manager

Style Median

Index

Issue

38 23 18

14

11

175

56

## **Current Holdings Based Style Analysis DFA Emerging Markets** As of September 30, 2020

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.

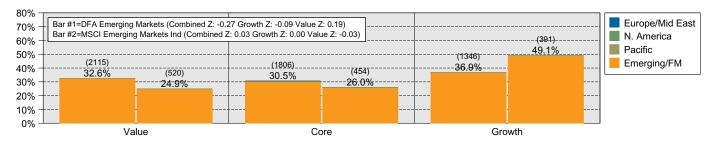
#### Style Map vs Callan Emerging Equity MF Holdings as of September 30, 2020



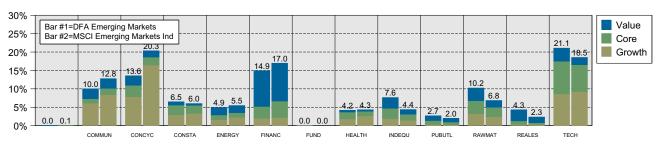
#### **Style Exposure Matrix** Holdings as of September 30, 2020

	24.9% (520)	26.0% (454)	49.1% (391)	100.0% (1365)
Total				
	32.6% (2115)	30.5% (1806)	36.9% (1346)	100.0% (5267)
Emerging/ FM	24.9% (519)	25.9% (452)	49.1% (390)	99.9% (1361)
	32.6% (2100)	30.5% (1776)	36.7% (1330)	99.7% (5206)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Pacific	0.0% (14)	0.0% (20)	0.2% (16)	0.3% (50)
	0.0% (1)	0.1% (2)	0.0% (1)	0.1% (4)
N. America				
	0.0% (1)	0.0% (9)	0.0% (0)	0.0% (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 September 30, 2020



## **Sector Weights Distribution** Holdings as of September 30, 2020





## Historical Holdings Based Style Analysis DFA Emerging Markets For Five Years Ended September 30, 2020

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.

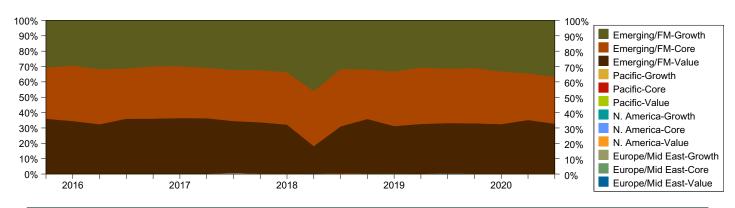
## Average Style Map vs Callan Emerging Equity MF Holdings for Five Years Ended September 30, 2020

## Average Style Exposure Matrix Holdings for Five Years Ended September 30, 2020

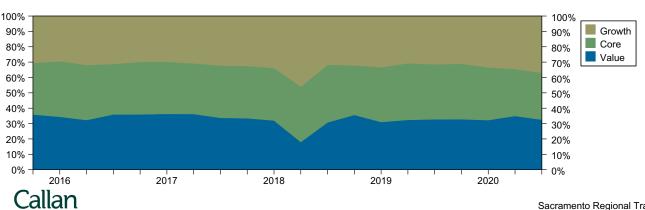




#### **DFA Emerging Markets Historical Region/Style Exposures**



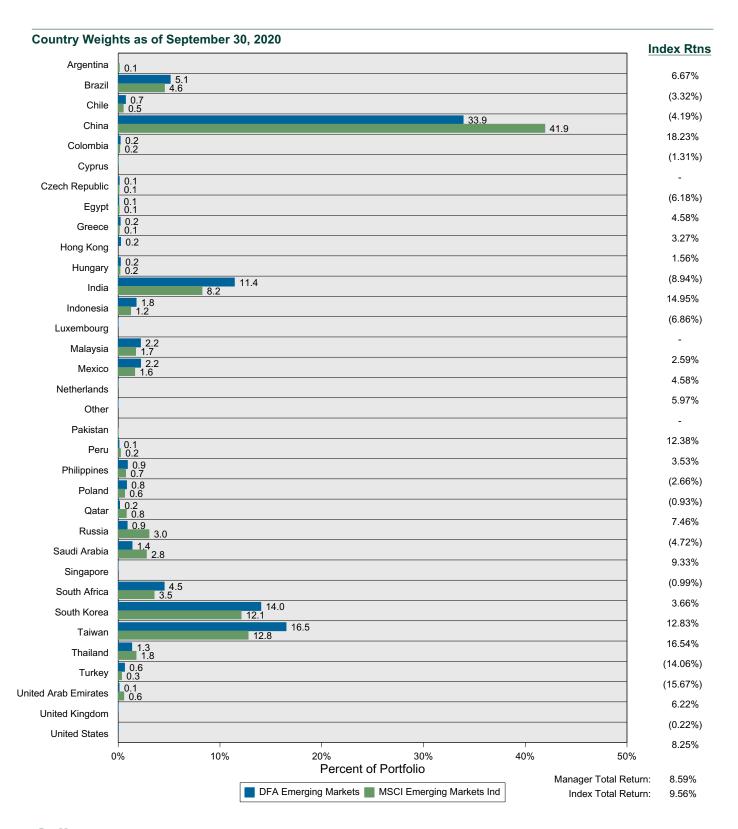
### **DFA Emerging Markets Historical Style Only Exposures**



# Country Allocation DFA Emerging Markets VS MSCI Emerging Markets Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of September 30, 2020. 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 September 30, 2020

## 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
Tencent Holdings Limited Shs Par Hkd	Communication Services	\$955,532	4.6%	5.17%	632.46	30.80	0.23%	25.47%
Samsung Electronics Co Ltd Ord	Information Technology	\$894,377	4.3%	14.14%	297.09	12.05	2.43%	17.45%
Alibaba Group Hldg Ltd Sponsored Ads	Consumer Discretionary	\$610,889	3.0%	40.12%	0.80	28.05	0.00%	23.00%
Taiwan Semicond Manufac Co L Shs	Information Technology	\$512,258	2.5%	41.72%	387.67	22.31	2.31%	17.11%
Taiwan Semiconductor Mfg Co Ltd Spon	Information Technology	\$377,863	1.8%	44.95%	387.67	22.31	2.31%	17.11%
Ping An Insurance H	Financials	\$257,660	1.2%	6.60%	76.40	8.34	2.92%	7.84%
Reliance Industries Ltd Shs Demateri	Energy	\$238,963	1.2%	34.67%	191.98	27.38	0.29%	17.43%
China Construction Bank Shs H	Financials	\$175,350	0.8%	(15.34)%	155.73	4.24	6.97%	3.42%
Vale Sa Shs	Materials	\$162,229	0.8%	7.26%	55.42	5.44	6.47%	22.00%
Sk Hynix Inc Shs	Information Technology	\$134,712	0.7%	1.53%	52.29	9.43	1.19%	24.97%

#### **10 Best Performers**

		Ending	Percent			Forecasted		Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Samkang M & T	Materials	\$859	0.0%	337.92%	0.51	19.71	0.00%	35.13%
Philex Mining A	Materials	\$200	0.0%	334.95%	0.43	(28.67)	0.24%	-
Shin Poong Pharmaceutical Co Shs	Health Care	\$5,610	0.0%	330.82%	5.73	7726.43	0.00%	-
Hna Infrastructure Co Ltd Shs H	Industrials	\$4,664	0.0%	330.67%	1.27	37.67	0.00%	11.14%
Danen Technology	Information Technology	\$207	0.0%	319.74%	0.06	(8.44)	0.00%	-
Motech Industries Co Ltd Shs	Information Technology	\$1,903	0.0%	251.49%	0.47	(23.75)	0.00%	(13.20)%
Unison Industrial	Industrials	\$867	0.0%	222.63%	0.51	(169.62)	0.00%	-
Korea United Pharm.	Health Care	\$2,455	0.0%	210.70%	1.01	39.06	0.46%	17.54%
Inmong.Junzheng E&c.'a'	Materials	\$1,088	0.0%	196.04%	8.95	20.38	4.85%	27.10%
Laurus Labs Ltd	Health Care	\$957	0.0%	183.38%	2.09	26.83	0.17%	(31.57)%

## **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
Rockapetta Hdg.	Communication Services	\$221	0.0%	-	0.63	(22.38)	0.00%	-
Fossal S A A Sponsored Adr	Materials	\$0	0.0%	(80.34)%	0.00	(0.00)	0.00%	-
Altus Property Ventures Inc	Real Estate	\$52	0.0%	(77.28)%	0.02	65.00	0.00%	-
Magician Inds.Hdg.	Consumer Discretionary	\$4	0.0%	(75.92)%	0.08	2.50	0.00%	-
Sitara Propertindo	Industrials	\$80	0.0%	(75.76)%	0.03	-	0.00%	-
Minera Frisco Sab De Cv	Materials	\$358	0.0%	(69.54)%	0.46	(90.00)	0.00%	(34.86)%
Pharmally International Hldg.Co.	Health Care	\$678	0.0%	(64.85)%	0.20	13.93	4.41%	1.04%
Asian Citrus Holdings Limite Shs	Consumer Staples	\$88	0.0%	(58.64)%	0.04	0.49	0.00%	-
Marfin Financial Grp Hldgs S Reg Shs	Financials	\$47	0.0%	(57.26)%	0.03	15.00	0.00%	-
Silverman Holdings	Consumer Discretionary	\$58	0.0%	(55.88)%	0.06	(19.50)	3.88%	-



#### Metropolitan West Period Ended September 30, 2020

#### **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.

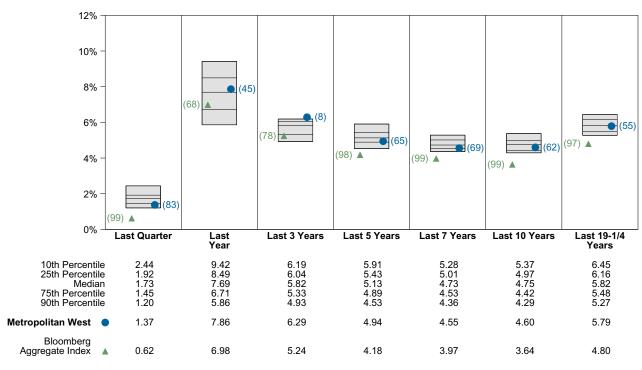
#### **Quarterly Summary and Highlights**

- Metropolitan West's portfolio posted a 1.37% return for the quarter placing it in the 83 percentile of the Callan Core Plus Fixed Income group for the quarter and in the 45 percentile for the last year.
- Metropolitan West's portfolio outperformed the Bloomberg Aggregate Index by 0.75% for the quarter and outperformed the Bloomberg Aggregate Index for the year by 0.88%.

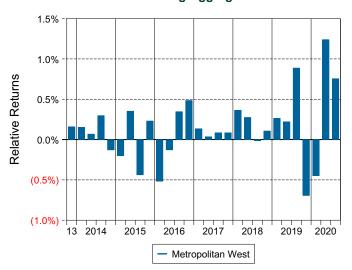
Quarterly	Asset	Growth
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Beginning Market Value	\$97,295,748
Net New Investment	\$0
Investment Gains/(Losses)	\$1,336,642
Ending Market Value	\$98,632,389

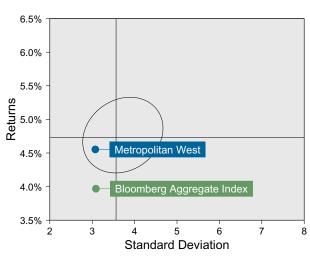
#### Performance vs Callan Core Plus Fixed Income (Gross)



#### Relative Returns vs Bloomberg Aggregate Index



### Callan Core Plus Fixed Income (Gross) Annualized Seven Year Risk vs Return



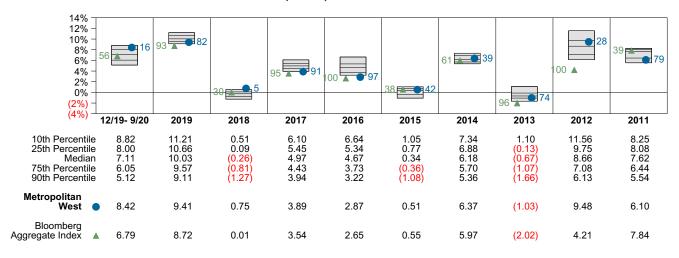


#### Metropolitan West Return Analysis Summary

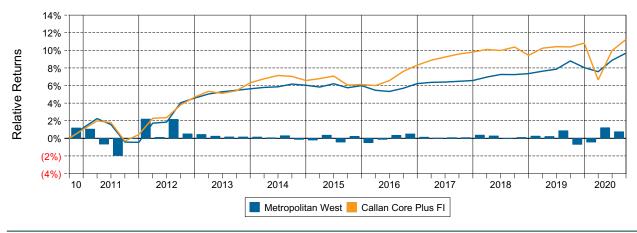
#### **Return Analysis**

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.

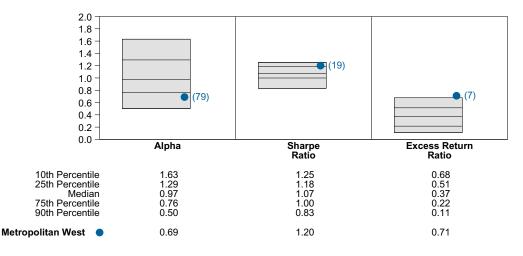
#### Performance vs Callan Core Plus Fixed Income (Gross)



#### Cumulative and Quarterly Relative Return vs Bloomberg Aggregate Index



Risk Adjusted Return Measures vs Bloomberg Aggregate Index Rankings Against Callan Core Plus Fixed Income (Gross) Seven Years Ended September 30, 2020



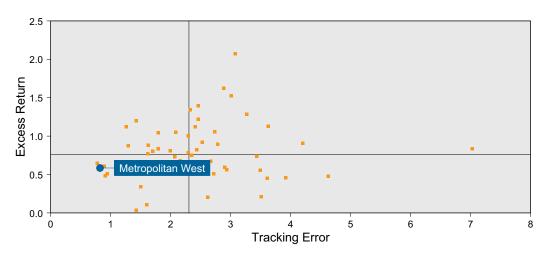


#### Metropolitan West Risk Analysis Summary

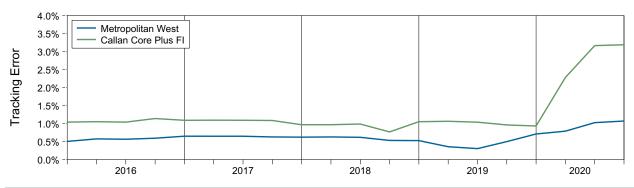
#### **Risk Analysis**

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.

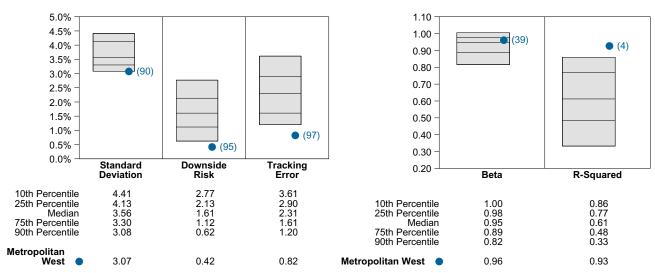
#### Risk Analysis vs Callan Core Plus Fixed Income (Gross) Seven Years Ended September 30, 2020



Rolling 12 Quarter Tracking Error vs Bloomberg Aggregate Index



Risk Statistics Rankings vs Bloomberg Aggregate Index Rankings Against Callan Core Plus Fixed Income (Gross) Seven Years Ended September 30, 2020



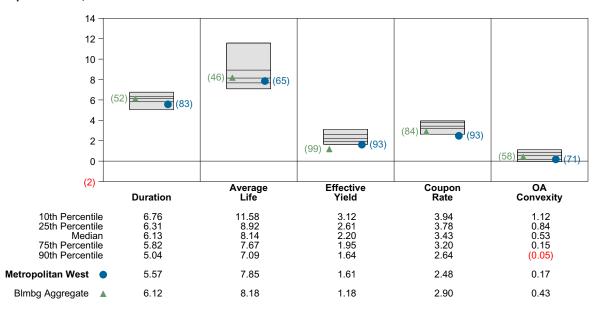


#### Metropolitan West Bond Characteristics Analysis Summary

#### **Portfolio Characteristics**

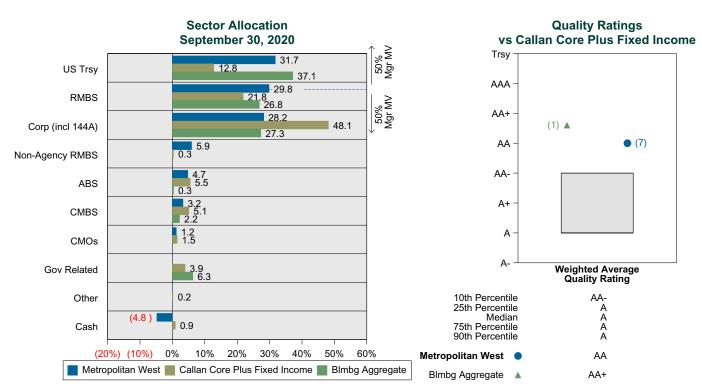
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Fixed Income Portfolio Characteristics Rankings Against Callan Core Plus Fixed Income as of September 30, 2020



#### **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.

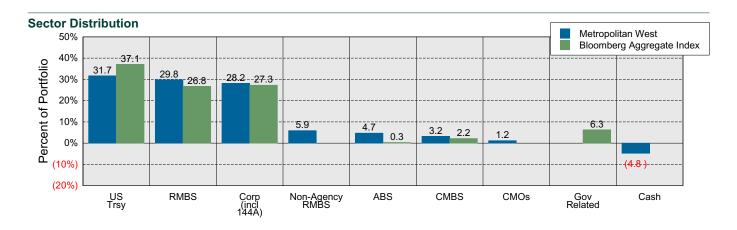


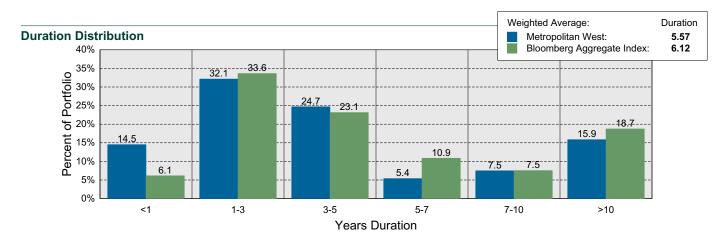


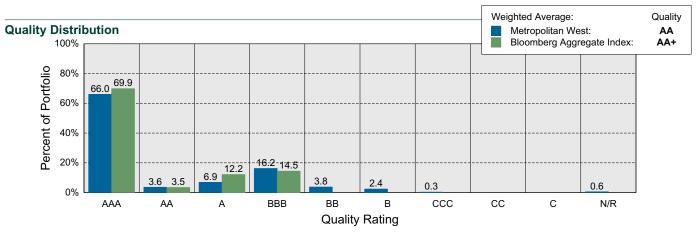
#### Metropolitan West Portfolio Characteristics Summary As of September 30, 2020

#### **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**

Rising Declining Periods refer to the sub-asset class cycles vis-a-vis the broader asset class. This is determined by evaluating the cumulative relative sub-asset class index performance to that of the broader asset class index. For example, to determine the Growth Style cycle, the S&P 500 Growth Index (sub-asset class) performance is compared to that of the S&P 500 Index (broader asset class).

**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.





3rd Quarter 2020

#### **Research and Educational Programs**

The Callan Institute provides 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 Barb Gerraty at 415-274-3093 / institute@callan.com.

#### **New Research from Callan's Experts**

**2020 ESG Survey** | Callan's eighth annual survey assessing the status of environmental, social, and governance (ESG) investing in the U.S. institutional investment market.

Coping with COVID-19: How Work Is Evolving for Investment Managers—2nd Edition | Following up on our June publication, Callan again surveyed investment managers regarding how their firms were responding to the COVID-19 pandemic, focusing on office closures and reopenings, work-from-home approaches, business travel, and meetings. Respondents reflected a variety of firms by location, employee size, ownership structure, and assets under management.

<u>Private Equity Fees and Terms Study</u> | To help institutional investors better evaluate private equity funds, Callan conducted an extensive analysis of the fees and terms for private equity partnerships. Using that data, we created this study to help investors evaluate a partnership's terms compared to its peers.

Real Estate Indicators: Too Hot to Touch or Cool Enough to Handle? | Callan's Real Assets Consulting group identifies seven indicators that, combined with an understanding of prevailing market dynamics, have helped signal when the institutional real estate market is overheated or cooled.

#### **Blog Highlights**

#### How Investors Can Address Climate Risk in Real Estate |

Climate risk, which refers to the hazards associated with climate change, can significantly threaten real estate portfolios. Institutional investors and real estate investment managers must evaluate the increasing significance of climate risk given the material financial impact that climate change can have on real estate portfolios.

<u>Fine-Tuning Implementation of the CARES Act</u> | Drafting the CARES Act was expedited, which means there is a limited congressional record to clarify provisions. The IRS has issued two notices and a FAQ to clarify how defined contribution (DC) plan sponsors should implement the provisions, touching on required notices, tax reporting, and recordkeeping.

<u>DOL Proposes Tightened Proxy Voting Guidelines</u> | The department's new proposal dovetails with SEC guidance finalized in 2020 and would create a refined set of circumstances in which plan fiduciaries may engage in proxy voting.

#### **Quarterly Periodicals**

<u>Private Equity Trends, 2Q20</u> | A high-level summary of private equity activity in the quarter through all the investment stages

<u>Active vs. Passive Charts, 2Q20</u> | A comparison of active managers alongside relevant benchmarks over the long term

Market Pulse Flipbook, 2Q20 | A quarterly market reference guide covering trends in the U.S. economy, developments for institutional investors, and the latest data on the capital markets

Capital Market Review, 2Q20 | Analysis and a broad overview of the economy and public and private market activity each quarter across a wide range of asset classes

<u>Hedge Fund Quarterly, 2Q20</u> | Commentary on developments for hedge funds and multi-asset class (MAC) strategies

Real Assets Reporter, 2Q20 | In this quarter's edition, Barbara Bernard and Sally Haskins discuss how new risk-retention rules affect the CMBS market. In addition, it includes analysis of the performance of real estate and other real assets in 2Q20.

#### **Events**

Miss out on a Callan conference or workshop? Event summaries and speakers' presentations are available on our website: www.callan.com/library/

Please mark your calendar and look forward to upcoming invitations:

#### **2021 National Conference**

June 21-23, 2021

San Francisco | Palace Hotel

For more information about events, please contact Barb Gerraty: 415-274-3093 / gerraty@callan.com

#### **Education: By the Numbers**

50+

Unique pieces of research the Institute generates each year

**525** 

Attendees (on average) of the Institute's annual National Conference

3,700

Total attendees of the "Callan College" since 1994

#### **Education**

Founded in 1994, the "Callan College" offers educational sessions for industry professionals involved in the investment decision-making process.

#### Introduction to Investments—Virtual

This program familiarizes institutional investor trustees and staff and asset management advisers with basic investment theory, terminology, and practices. It is held over three days with virtual modules of 2.5-3 hours. This course is designed for individuals with less than two years of experience with asset-management oversight and/or support responsibilities. Tuition is \$950 per person and includes instruction and digital materials.

#### Please look for our updated schedule for 2021 in November

Additional information including registration can be found at: www.callan.com/cc-introduction-virtual/

#### Introduction to Investments—In Person

This program familiarizes institutional investor trustees and staff and asset management advisers with basic investment theory, terminology, and practices. It lasts one-and-a-half days and is designed for individuals with less than two years of experience with asset-management oversight and/or support responsibilities. Tuition is \$2,350 per person and includes instruction, all materials, breakfast and lunch on each day, and dinner on the first evening with the instructors.

Additional information including dates and registration can be found at: www.callan.com/callan-college-intro-2/



"Research is the foundation of all we do at Callan, and sharing our best thinking with the investment community is our way of helping to foster dialogue to raise the bar across the industry."

Greg Allen, CEO and Chief Research Officer



#### **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 ongoing 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. Please note that if an investment manager receives a product or service on a complimentary basis (e.g., attending an educational event), they are not included in the list below. 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.

Manager Name
Aberdeen Standard Investments
Acadian Asset Management LLC
AEGON USA Investment Management Inc.
AllianceBernstein
Allianz
American Century Investments
Amundi Pioneer Asset Management
AQR Capital Management
Ares Management LLC
Ariel Investments, LLC
Aristotle Capital Management, LLC
Atlanta Capital Management Co., LLC
Aviva Investors Americas
AXA Investment Managers
Baillie Gifford International, LLC
Baird Advisors
Baron Capital Management, Inc.
Barrow, Hanley, Mewhinney & Strauss, LLC

Manager Name BlackRock
BMO Global Asset Management
BNP Paribas Asset Management
BNY Mellon Asset Management
Boston Partners
Brandes Investment Partners, L.P.
Brandywine Global Investment Management, LLC
BrightSphere Investment Group
Brown Brothers Harriman & Company
Cambiar Investors, LLC
CapFinancial Partners, LLC
Capital Group
Carillon Tower Advisers
CastleArk Management, LLC
Causeway Capital Management LLC
Chartwell Investment Partners
ClearBridge Investments, LLC
Cohen & Steers Capital Management, Inc.



**Manager Name** 

Columbia Management Investments

Columbus Circle Investors

Credit Suisse Asset Management

D.E. Shaw Investment Management, L.L.C.

DePrince, Race & Zollo, Inc.

Dimensional Fund Advisors LP

Doubleline

Duff & Phelps Investment Management Co.

**DWS** 

EARNEST Partners, LLC

Eaton Vance Management

Epoch Investment Partners, Inc.

Fayez Sarofim & Company

Federated Hermes, Inc.

Fidelity Institutional Asset Management

Fiera Capital Corporation

First Hawaiian Bank Wealth Management Division

First State Investments

Fisher Investments

Franklin Templeton

Fred Alger Management, Inc.

GAM (USA) Inc.

GCM Grosvenor

Glenmeade Investment Management, LP

GlobeFlex Capital, L.P.

Goldman Sachs

Green Square Capital Advisors, LLC

Guggenheim Investments

**GW&K Investment Management** 

Harbor Capital Group Trust

Hartford Investment Management Co.

Heitman LLC

Hotchkis & Wiley Capital Management, LLC

Income Research + Management, Inc.

Insight Investment Management Limited

Intech Investment Management, LLC

Intercontinental Real Estate Corporation

Invesco

Investec Asset Management North America, Inc.

Ivy Investments

**Manager Name** 

J.P. Morgan

Janus

Jennison Associates LLC

Jobs Peak Advisors

KeyCorp

Lazard Asset Management

Legal & General Investment Management America

Lincoln National Corporation

Longview Partners

Loomis, Sayles & Company, L.P.

Lord Abbett & Company

Los Angeles Capital Management

LSV Asset Management

MacKay Shields LLC

Macquarie Investment Management (MIM)

Manulife Investment Management

Marathon Asset Management, L.P.

McKinley Capital Management, LLC

Mellor

MetLife Investment Management

MFS Investment Management

MidFirst Bank

Mondrian Investment Partners Limited

Montag & Caldwell, LLC

Morgan Stanley Investment Management

Mountain Pacific Advisors, LLC

MUFG Union Bank, N.A.

Natixis Investment Managers

Neuberger Berman

Newton Investment Management

Nikko Asset Management Co., Ltd.

Nile Capital Group LLC

Northern Trust Asset Management

Nuveen

P/E Investments

Pacific Investment Management Company

Parametric Portfolio Associates LLC

Pathway Capital Management

Peregrine Capital Management, LLC

Perkins Investment Management



**Manager Name** 

PFM Asset Management LLC

**PGIM Fixed Income** 

PineBridge Investments

PNC Capital Advisors, LLC

Polen Capital Management

Principal Global Investors

Putnam Investments, LLC

QMA LLC

**RBC Global Asset Management** 

Regions Financial Corporation

Robeco Institutional Asset Management, US Inc.

Rothschild & Co. Asset Management US

S&P Dow Jones Indices

Schroder Investment Management North America Inc.

**SLC Management** 

Smith Graham & Co. Investment Advisors, L.P.

State Street Global Advisors

Stone Harbor Investment Partners L.P.

Strategic Global Advisors

T. Rowe Price Associates, Inc.

**Manager Name** 

The TCW Group, Inc.

Thompson, Siegel & Walmsley LLC

Thornburg Investment Management, Inc.

Tri-Star Trust Bank

**UBS Asset Management** 

**USAA Real Estate** 

VanEck

Versus Capital Group

Victory Capital Management Inc.

Virtus Investment Partners, Inc.

Vontobel Asset Management, Inc.

Voya

WCM Investment Management

WEDGE Capital Management

Wellington Management Company LLP

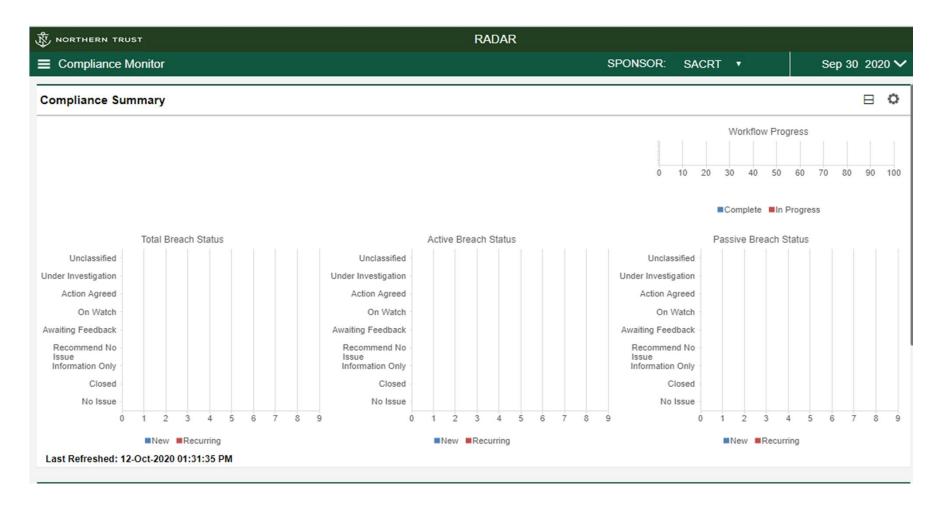
Wells Fargo Asset Management

Western Asset Management Company LLC

Westfield Capital Management Company, LP

William Blair & Company LLC





NOTE: If the charts do not have populated bar graphs, there were no compliance violations.



## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 19

**TO:** Sacramento Regional Transit Retirement Board – AFSCME

**FROM:** John Gobel, Manager, Pension and Retirement Services

**SUBJ:** SELECT AN ASSISTANT SECRETARY FOR SACRAMENTO

REGIONAL TRANSIT DISTRICT RETIREMENT BOARDS.

#### **RECOMMENDATION**

Adopt the attached Resolution(s)

#### **RESULT OF RECOMMENDED ACTION**

Appointment of Assistant Secretary for Sacramento Regional Transit District Retirement Boards

#### **FISCAL IMPACT**

There is no fiscal impact associated with this action.

#### DISCUSSION

On January 12, 2004, the Sacramento Regional Transit District (RT) Governing Board established five separate Retirement Boards to conduct business related to RT's Retirement Plans on behalf of their members. Each of the five Retirement Boards have three officer positions: Chair, Vice Chair and Secretary. This structure remains in effect and serves the Boards well. In many circumstances, the five Boards meet in common, joint meetings. To ensure the orderly and efficient manner of all Retirement Board meetings, as well as to ensure continuity in execution of the business of the Boards, each of the five Boards has collectively selected a Common Chair and Common Vice Chair to preside over all regular and special Board meetings for so long as the Common Chair and Common Vice Chair agree to perform such duties, and for so long as each Board continues to agree on such selection.

The Boards also have chosen to elect an Assistant Secretary to assist with the performance of the duties of the Secretaries of each Board. Pursuant to the Bylaws for the Retirement Boards, the Assistant Secretary must be a current employee of RT with job duties related to administration of the Pension Plans.



## RETIREMENT BOARD STAFF REPORT

Historically, the role of Assistant Secretary has been filled by a member of the RT staff with a primary responsibility for administration of the Plans and facilitating the Boards' quarterly and special meetings. Due to a recent staff change, it is requested that the Boards appoint a new Assistant Secretary.

Staff recommends that each Board appoint John Gobel, the Sacramento Regional Transit District's Manager of Pension and Retirement Services, as Assistant Secretary to assist with administration of the Boards' business in accordance with Sections 2.24 and 2.25 of the Bylaws.

RESOLUTION NO. 20 -
---------------------

#### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD RESOLUTION

Agenda Item: 19

Adopted by the Board of Directors for the Retirement Plan for the Sacramento Regional Transit District Employees who are Members of **AFSCME** on this date:

March 10, 2021

## SELECT AN ASSISTANT SECRETARY FOR SACRAMENTO REGIONAL TRANSIT DISTRICT RETIREMENT BOARDS.

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE RETIREMENT BOARD OF DIRECTORS OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT FOR EMPLOYEES WHO ARE MEMBERS OF AFSCME AS FOLLOWS:

THAT, THE Retirement Board appoints John Gobel as its Assistant Secretary.

	PETER GUIMOND, Chair
ATTEST:	
Henry Li, Secretary	
By:	
John Gobel, Assistant Secretary	<u> </u>



## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 20

**TO:** Sacramento Regional Transit Retirement Boards – ALL

**FROM:** Jamie Adelman, AVP Finance & Treasury

**SUBJ:** Investment Performance Review of the International Large Capital Equity

Asset Class by BMO Pyrford for the ATU, IBEW and Salaried Employee Retirement Funds for the Quarter Ended December 31, 2020 (ALL).

(Adelman)

#### **RECOMMENDATION**

No Recommendation – For Information Only.

#### **RESULT OF 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). Under the Policy, the Boards meet at least once every eighteen (18) months with each investment manager to review the performance of the manager's investment, the manager's adherence to the Policy, and any material changes to the manager's 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, (6) Domestic Fixed-Income, and (7) Real Estate.

BMO Pyrford is the Retirement Boards' International Large Capital Equity fund manager. BMO Pyrford will be presenting performance results for the quarter ended December 31, 2020, shown in Attachment 1, and answering any questions.



## Presentation to: Sacramento Regional Transit Authority

## Pyrford International Equity Strategy

March 10, 2021

#### Presented by:



Luke Casey, CFA CAIA Client Portfolio Manager Pyrford International +44 (0) 20 3650 6567 luke.casey@pyrford.co.uk



John Mirante, CFA
Director, Relationship Management
BMO Global Asset Management
312 461 6298
john.mirante@BMO.com



Pyrford International Ltd
Data at 31 December 2020
For institutional investors only

## Pyrford's Organisational Overview

As of December 31, 2020

- Established 1987
- Stable professional staff
- 15 investment professionals
- 95 investors\* (US\$12.47billion AUM as of December 31, 2020)

Name	Role	Years with Pyrford	Years in Industry
Tony Cousins, CFA	Chief Executive & Chief Investment Officer	32	36
Paul Simons, CFA	Head of Portfolio Management – Asia-Pacific	24	24
Daniel McDonagh, CFA	Head of Portfolio Management - Europe	23	23
Suhail Arain, CFA	Head of Portfolio Management – the Americas	12	23
Bruce Campbell	Strategic Investment Advisor	34	51





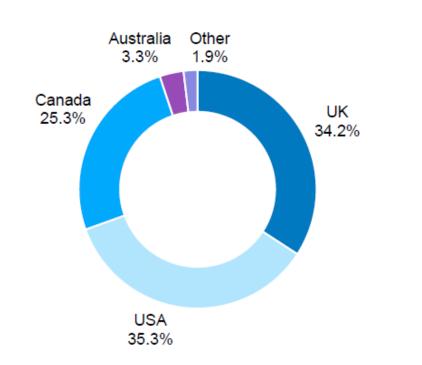
<sup>\*</sup> These figures include investors in pooled investment vehicles.

## Assets Under Management Breakdown

As of December 31, 2020

Product	USD	No. of investors
Global Absolute Return	4.02bn	40
International Equities	5.50bn	38
Global Equities	2.95bn	17
Total	12.47bn	95

#### Assets Under Management - Investor Domicile



These figures include investors in pooled investment vehicles.



## International Equity (EAFE) Strategy

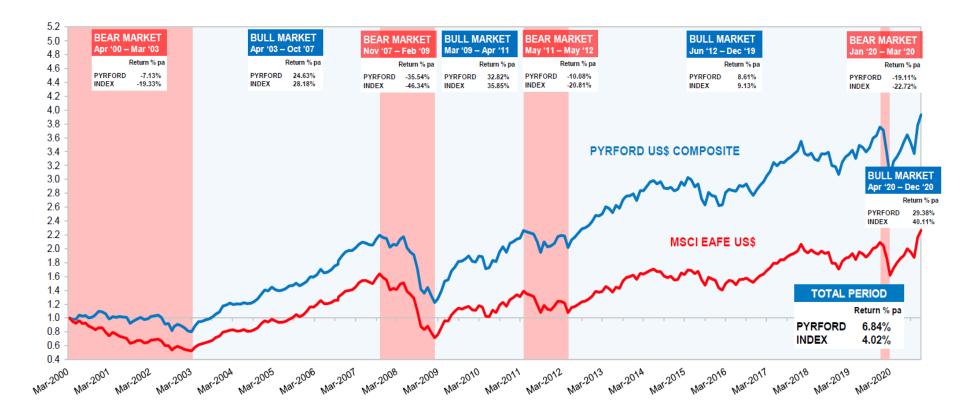
Mar 31, 2000 - Sep 30, 2020 (quarterly data)

**Downside Capture** 

66.29%

86.03%





Source: Pyrford International / MSCI EAFE

Performance relates to the gross of fees Pyrford International Ltd 'International Equity (Base Currency US\$) Composite'. This is supplementary information. Please see complete GIPS compliant presentation at the end of this document.

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment.





## Pyrford's investment philosophy

- Five year time horizon
- Total return approach → Dividend Yield + Earnings Growth forecast
  - Applies to country and stock analysis
- "Absolute" not "relative" risk possible zero weight in any country, sector or stock
  - Key to managing risk
  - "We won't invest in a company or country simply because it's big!"
- Not index oriented
- Low absolute volatility
- Low portfolio turnover



### **Investment Process**

#### **Defining the Universe**

#### **Country Allocation**

#### **Security Selection**

#### Portfolio Construction

Not restricted by the index

Countries with sound accounting and auditing practices with respect for minority shareholders

Coverage of 33 countries

10 countries covered are not in the MSCI World Index

- Taiwan
- Malaysia
- Korea
- Indonesia
- Philippines
- Thailand
- Greece
   Brazil
- India
- Mexico

A combination of top- down and bottom-up by country

- Trend GDP Growth Estimate
- Cyclical GDP Growth Estimate
- Aggregate Corporate Profit Growth
- EPS Growth Estimate

Dividend Yield plus EPS Growth

Generate a 5 year total return forecast by country Responsibility of Portfolio Managers

Screen out small cap and highly levered companies

Rank universe on fundamentals

- Dividend Yield
- Return on Equity
- Price / Earnings

Undertake in-house, detailed fundamental analysis

- Identify historical drivers of return
- Identify long-term sustainable growth rates
- DuPont Analysis
- Focus on visibility of earnings and quality of balance sheet

Meet management prior to investing

- Industry structure
- MSCI ESG Research

Generate a 5 year EPS growth forecast

Dividend Yield + EPS growth = Buy or Sell decision

Diversified portfolio

- 60 to 80 stocks

Sell Discipline

- Valuation
- Change to country allocation
- Material change in a company's fundamentals
- Competition of ideas

Investment Strategy Committee (ISC)

Review by Global Stock Selection Committee (GSSC) Veto retained by CIO

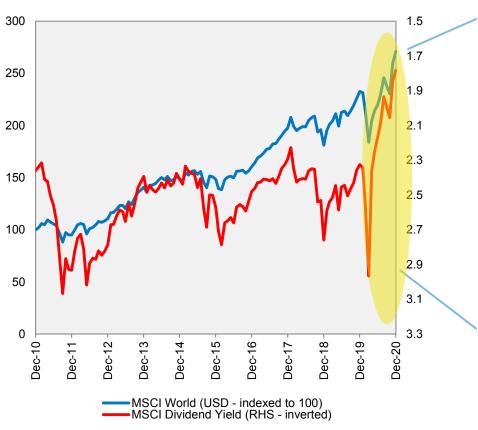




# Market: expensive going into the correction, more expensive coming out of the correction

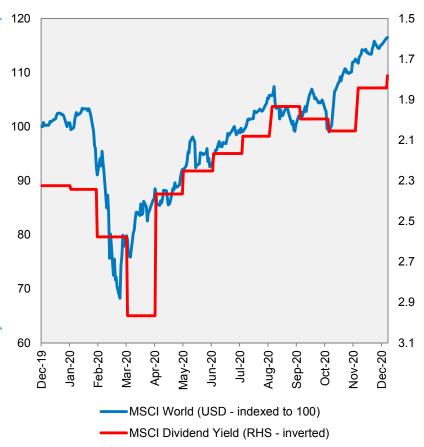
## MSCI World Performance and Dividend Yield since 2010

Data at 31 December 2020



## MSCI World Performance and Dividend Yield since 2019

Data at 31 December 2020

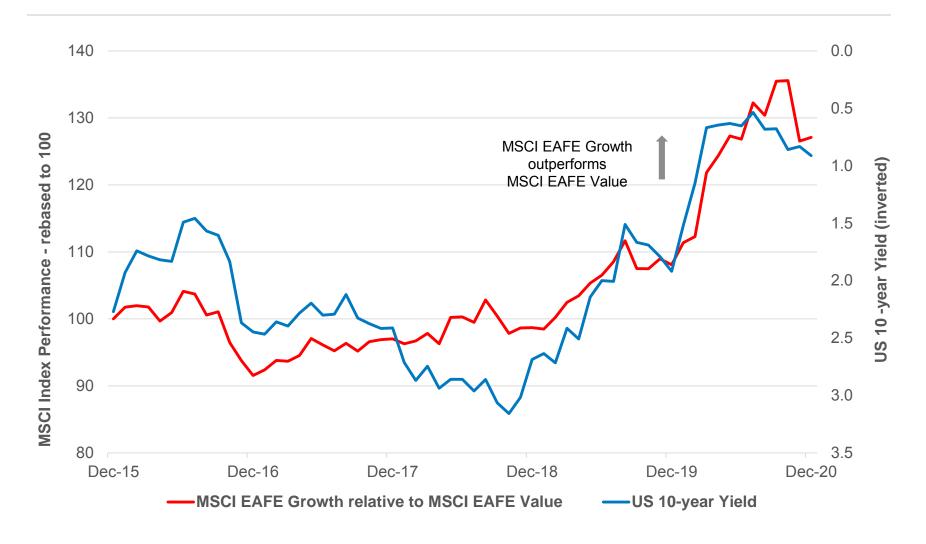


Source: Thomson Reuters For illustrative purposes only



## EAFE: Outperformance of growth supported by low yields

Data at 31 December 2020



Source: Refinitiv Datastream



## Your Mandate: Sacramento Regional Transit Authority

as of December 31, 2020

Market Value Reconciliation	
Beginning Market Value: May 31, 2017	\$ 25,953,818
Withrdrawals	-
Contributions	-
Market Appreciation (Depreciation)	\$ 6,619,026
Ending Market Value: December 31, 2020	\$ 32,572,844

Trailing Returns as of December 31, 2020				
Period	SRTD (%)	MSCI EAFE (%)	Out / (Under)	
Jan-21	(1.12)	(1.06)	(0.06)	
Q4 20	11.57	16.09	(4.52)	
1 Year	3.99	8.28	(4.29)	
3 Years	4.48	4.79	(0.31)	
Since Inception <sup>†</sup>	5.19	6.75	(1.56)	

Past performance does not guarantee future results.



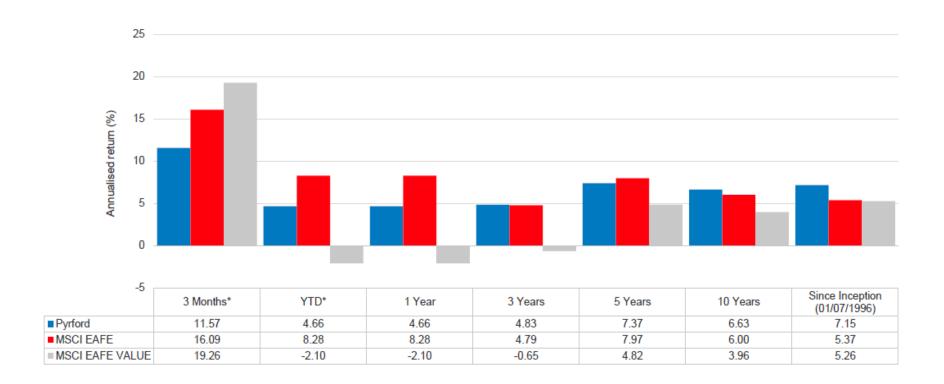


<sup>†</sup>Performance inception date is 01-June-2017

<sup>\*</sup> Performance presented above is gross of fees, and is based upon the NAV of the South LaSalle International Equities Trusts calculated by the fund's custodian. Performance in the subsequent Attribution Detail pages is based upon Pyrford's portfolio accounting system. Slight differences may exist

## South LaSalle International Equities Trust – Performance

Annualised Returns - Gross of Fees (%) to December 31, 2020 (US\$)



#### \* Not annualised

Performance relates to the gross of fees Pyrford International Ltd 'International Equity (Base Currency US\$) composite' which comprises all fully discretionary, international equity accounts with a market value greater than US\$10m, a base currency of US\$ and no hedging restrictions. The date of inception is 1 July 1996. Please see full GIPS compliant performance disclosure at the end of this document.

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment.





## Key Drivers of 12 Month Performance

As of December 31, 2020

		Net Management Effects		
Portfolio = 4.51%	Currency	Country Allocation	Stock Selection	Total
Index = 8.28%	-0.35	-0.05	-3.37	-3.77

Key Drivers				
Europe			Positive  – UK stock selection	
Currency	Country Allocation	Stock Selection	Total	Negative
-0.16	-0.34	0.28	-0.23	<ul><li>Underweight Denmark</li><li>Eurozone stock selection</li></ul>
	Asia Pacific			Positive  - Overweight Taiwan
Currency	Country Allocation	Stock Selection	Total	Negative
-0.13	0.30	-3.65	-3.47	Japan stock selection     Hong Kong stock selection

Source: Pyrford International / MSCI EAFE Performance is shown gross of fees.

Past performance does not guarantee future results.



## **Performance Attribution Detail**

12 months ended December 31, 2020. South LaSalle International Equities Trust (US\$)

Cumulative Results	Portfo	lio	Policy		Currency	Net	Manageme	ent Effect	s
	Weight	Return	Weight	Return	Return	Ссу	Market	Select	Total
Top level	100.0	4.51	100.0	8.28	6.91	-0.35	-0.05	-3.37	-3.77
Equity	97.1	4.39	100.0	8.28	6.91	-0.26	-0.10	-3.37	-3.73
Europe	54.7	5.00	62.3	5.93	7.76	-0.16	-0.34	0.28	-0.23
Euro-zone	24.0	6.85	32.2	8.50	8.98	-0.16	0.16	-0.38	-0.38
Denmark	N/A	N/A	2.4	44.36	9.43	-0.06	-0.59	0.00	-0.65
Norway	1.9	-0.27	0.6	-0.87	2.63	-0.06	-0.03	0.00	-0.09
Sweden	1.7	12.97	3.3	24.42	13.98	-0.07	0.01	-0.19	-0.25
Switzerland	11.1	10.55	9.8	12.78	9.55	0.13	0.23	-0.14	0.22
United Kingdom	16.1	-4.80	13.9	-10.43	3.19	0.06	-0.12	0.98	0.92
Pacific Basin	42.4	3.23	37.1	12.25	5.36	-0.13	0.30	-3.65	-3.47
Pacific Basin ex Japan	28.8	2.16	11.6	6.65	6.23	-0.21	1.21	-2.42	-1.42
Australia	10.7	1.73	6.9	8.87	9.77	0.23	0.12	-0.93	-0.58
Hong Kong	4.7	-13.57	3.3	5.82	0.45	-0.08	0.15	-0.98	-0.90
Malaysia	3.1	2.32	N/A	N/A	1.69	-0.16	0.06	0.00	-0.10
New Zealand	N/A	N/A	0.3	20.23	6.72	0.00	-0.03	0.00	-0.03
Singapore	5.0	-16.93	1.1	-7.40	1.74	-0.20	-0.37	-0.51	-1.09
Taiwan	3.9	45.67	N/A	N/A	6.69	0.01	1.27	0.00	1.28
Indonesia	1.4	N/A	N/A	N/A	0.00	-0.01	0.02	0.00	0.02
Japan	13.6	6.21	25.5	14.91	5.26	0.08	-0.91	-1.23	-2.05
Israel	N/A	N/A	0.6	15.21	3.44	0.03	-0.06	0.00	-0.04
Cash & Currency Hedging	2.9	0.28	N/A	N/A	-0.05	-0.09	0.05	0.00	-0.04

Source: Pyrford International / MSCI EAFE

Past performance does not guarantee future results.



## Key Drivers of Q4 2020 Performance

As of December 31, 2020

Net Management Effects						
Portfolio = 11.91%	Currency	Country Allocation	Stock Selection	Total		
Index = 16.09%	0.05	0.88	-5.11	-4.18		

		Key Drivers	3				
	Euro						
Currency	Country Allocation	Stock Selection	Total	Negative  - Eurozone stock selection			
-0.01	0.07	-4.10	-4.04				
	Asia P	acific		Positive  – Overweight Malaysia			
Currency	Country Allocation	Stock Selection	Total	Underweight Japanese Yen			
0.15	0.79	-1.01	-0.06	Negative  - Australia stock selection  - Hong Kong stock selection			

Source: Pyrford International / MSCI EAFE Performance is shown gross of fees.

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment.



## **Performance Attribution Detail**

3 months ended December 31, 2020. South LaSalle International Equities Trust (US\$)

Cumulative Results	Portfolio		Policy		Currency	Net Management Effects			
	Weight	Return	Weight	Return	Return	Ссу	Market	Select	Total
Top level	100.0	11.91	100.0	16.09	4.21	0.05	0.88	-5.11	-4.18
Equity	97.2	11.86	100.0	16.09	4.21	0.15	0.84	-5.11	-4.12
Europe	54.5	8.13	62.3	15.66	4.86	-0.01	0.07	-4.10	-4.04
Euro-zone	23.8	5.24	32.3	17.68	4.33	-0.01	-0.04	-3.05	-3.10
Denmark	N/A	N/A	2.5	14.05	4.34	0.00	0.05	0.00	0.05
Norway	1.9	4.08	0.6	19.16	9.28	0.07	-0.03	-0.29	-0.25
Sweden	1.6	3.05	3.4	14.66	8.98	-0.09	0.12	-0.19	-0.17
Switzerland	11.0	5.02	9.7	8.27	3.94	-0.01	-0.06	-0.39	-0.45
United Kingdom	16.3	15.62	13.8	16.95	5.74	0.03	0.02	-0.17	-0.12
Pacific Basin	42.8	16.73	37.1	16.75	3.10	0.15	0.79	-1.01	-0.06
Pacific Basin ex Japan	29.0	18.08	11.6	20.10	5.06	-0.09	0.98	-0.80	0.09
Australia	10.7	18.30	7.0	22.94	7.66	0.12	0.19	-0.47	-0.16
Hong Kong	4.7	8.31	3.3	15.46	-0.05	-0.07	0.05	-0.34	-0.36
Malaysia	3.2	25.70	N/A	N/A	3.29	-0.03	0.31	0.00	0.28
New Zealand	N/A	N/A	0.3	13.20	8.93	-0.02	0.02	0.00	0.01
Singapore	5.0	19.14	1.1	18.88	3.29	-0.04	0.14	0.02	0.11
Taiwan	3.9	17.24	N/A	N/A	3.07	-0.05	0.08	0.00	0.03
Indonesia	1.6	40.34	N/A	N/A	5.73	-0.01	0.18	0.00	0.18
Japan	13.7	13.82	25.5	15.29	2.21	0.24	-0.18	-0.21	-0.16
Israel	N/A	N/A	0.6	19.26	3.34	0.01	-0.02	0.00	-0.02
Cash & Currency Hedging	2.8	-0.06	N/A	N/A	-0.02	-0.10	0.04	0.00	-0.06

Source: Pyrford International / MSCI EAFE

Past performance does not guarantee future results.



## How the Portfolio is Positioned Going Forward

Q4 2020

**Europe** 

#### Remain defensively positioned:

- positioned in "core" Europe.
- zero exposure to European banks

#### **Overweight UK:**

- thin post Brexit trade agreement reached
- dividend payouts have been reset to more sustainable levels

#### **Defensive positioning:**

- no direct exposure to real estate
- modest exposure to high quality emerging markets
- niche businesses where quality and reliability is more important than price

#### **Underweight Japan:**

 a greater focus on shareholder returns and increases in labour force participation have been positive, but major economic headwinds (poor demographics, weak public finances and low productivity growth) remain

#### **Asia Pacific**

#### **Overweight South-East Asia and Taiwan:**

 compelling demographics and well-established legal frameworks make these areas attractive for foreign investors which helps drive economic growth

#### **Overweight Australia:**

 consumer debt is a concern but low public debt, steady population growth and good capital discipline amongst corporates are all positives



# International Equity (EAFE) Model Portfolio - % Allocations

As of December 31, 2020

European Equities		European Equities		Asia-Pacific Equities		Asia-Pacific Equities	
Euro Area	25.00%	Switzerland	11.50%	Australia	10.50%	Japan	14.00%
Air Liquide SA (France)	2.00%	Geberit	0.58%	Brambles Ltd	2.21%	ABC-Mart	1.54%
Brenntag AG (Germany)	1.75%	Givaudan	0.58%	Computershare Ltd	1.79%	Japan Tobacco	3.22%
Bureau Veritas (France)	1.50%	Nestle SA	2.88%	QBE Insurance Group Ltd	1.42%	KDDI Corp	2.24%
Deutsche Post AG (Germany)	1.50%	Novartis AG	2.36%	Rio Tinto Ltd	1.05%	Mitsubishi Electric Corp	2.24%
Fielmann AG (Germany)	1.25%	Roche Holding AG	2.65%	Woodside Petroleum Ltd	1.89%	Nabtesco	0.84%
Fuchs Petrolub AG (Germany)	1.75%	Schindler Holding	0.58%	Woolworths Ltd	2.15%	Nihon Kohden	1.82%
GEA Group (Germany)	1.25%	SGS	0.69%	Hong Kong	5.00%	Sumitomo Rubber Industries	1.40%
Kone (Finland)	1.00%	Zurich Insurance Group AG	1.21%	AIA Group	1.10%	Toyota Tsusho Corp	0.70%
Koninklijke Philips NV (The Netherlands)	1.00%	UK	16.50%	China Mobile Ltd	1.70%	Singapore	5.00%
Legrand SA (France)	1.00%	BP plc	1.16%	Power Assets Holdings Ltd	1.15%	ComfortDelGro Corp Ltd	1.40%
Royal Dutch Shell plc 'A' (The Netherlands)	0.75%	British American Tobacco plc	1.90%	VTech Holdings Ltd	1.05%	Singapore Tech Engineering	0.75%
Rubis (France)	1.00%	Bunzl plc	0.99%	Indonesia	2.00%	Singapore Telecommunications	1.40%
Sampo (Finland)	1.75%	GlaxoSmithKline plc	1.98%	Bank Rakyat Indonesia	1.00%	United Overseas Bank Ltd	1.45%
Sanofi (France)	2.00%	IMI plc	0.83%	Telekomunikasi Indonesia	1.00%	Taiwan	4.00%
SAP AG (Germany)	2.00%	Imperial Brands	1.32%	Malaysia	3.00%	Advantech Co Ltd	0.80%
Unilever plc (The Netherlands)	2.00%	Legal & General Group plc	1.98%	Axiata Group Bhd	1.05%	Chunghwa Telecom Co Ltd	1.40%
Vopak (The Netherlands)	1.50%	National Grid plc	1.98%	Malayan Banking Bhd	1.95%	Merida Industry Co Ltd	0.20%
Norway	2.00%	Reckitt Benckiser plc	1.65%			Taiwan Semiconductor Manufacturing	1.60%
Telenor ASA	2.00%	Royal Dutch Shell plc 'B'	1.16%				
Sweden	1.50%	Vodafone Group plc	1.57%				
Assa Abloy AB	0.45%						
Atlas Copco AB	0.45%						
Essity Aktiebolag-B	0.60%						

Source: Pyrford International

For illustration purposes only. Not a solicitation or recommendation to buy, sell, or hold any security.



# International Equity (EAFE) Model Portfolio - Sector Allocations

As of December 31, 2020

Industry Group	Pyrford model	l weighting (%)	MSCI EAFE weighting (%)		
Communication Services	12.4%		5,5%		
Media & Entertainment		0.0%		1.7%	
Telecommunication Services		12.4%		3.8%	
Consumer Discretionary	4.4%		12.5%		
Automobiles & Components		1.4%		3.9%	
Consumer Durables & Apparel		1.7%		4.8%	
Consumer Services		0.0%		1.4%	
Retailing		1.3%		2.3%	
Consumer Staples	15.7%		10.9%		
Food & Staples Retailing		2.2%		1.4%	
Food Beverage & Tobacco		11.3%		6.4%	
Household & Personal Products		2.3%		3.1%	
Energy	6.5%		3.1%		
Energy		6.5%		3.1%	
Financials	11.9%		16.2%		
Banks		4.4%		7.7%	
Diversified Financials		0.0%		3.6%	
Insurance		7.5%		5.0%	
Healthcare	11.8%		12.8%		
Healthcare Equipment & Services		2.8%		3.1%	
Pharmaceuticals, Biotechnology & Life Sciences		9.0%		9.7%	
Industrials	20.7%		15.3%		
Capital Goods		13.4%		10.9%	
Commercial & Professional Services		4.4%		2.0%	
Transportation		2.9%		2.4%	
Information Technology	7.2%		8.9%		
Semiconductors & Semiconductor Equipment		1.6%		2.5%	
Software & Services		3.8%		3.6%	
Technology Hardware & Equpiment		1.9%		2.8%	
Materials	5.4%		7.8%		
Materials		5.4%		7.8%	
Real Estate	0.0%		3.1%		
Real Estate		0.0%		3.1%	
Utilities	4.1%		3.9%		
Utilities		4.1%		3.9%	

Source: Pyrford International / MSCI EAFE

For illustration purposes only. Not a solicitation or recommendation to buy, sell, or hold any security.



# International Equity (EAFE) Strategy - Portfolio Characteristics

As of December 31, 2020

	Pyrford	MSCI EAFE
Dividend Yield %	3.7	2.4
Debt to Equity	74.2	188.9
Return on Equity (1yr Av %)	7.0	4.5

Source: Pyrford International using Bloomberg.

Based on equity holdings of a representative account. This is supplementary information. Please see full GIPS compliant performance disclosure at the end of this document.

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment. Dividends are not guaranteed and are subject to change or elimination.





## Pyrford's Current Views

As of December 31, 2020

- The path of the **Covid-19** pandemic in 2021 remains the biggest uncertainty we face. Euphoria in November as multiple vaccines were released and approved in record time quickly gave way to concerns about new virus strains and relentless third waves of infections. The availability of a choice of vaccines so quickly is nothing short of a triumph for the scientific community. However, the manufacture, transportation, distribution and dispensing of hundreds of millions of doses appears to be a logistical challenge unrivalled in peacetime.
- Ultra-low yields have been generated by central banks cutting base rates and actively buying government bonds to push yields down further. This financial alchemy has allowed governments to borrow cheaply to finance the massive amounts of fiscal stimulus they have provided this year.
- Coordinated government and central bank action has provided income support to many in the developed world whilst reducing the burden of high levels of debt. As a result, increased household savings providing the potential for pent-up demand to be released.
- The ongoing problem is these extraordinary levels of government support will gradually come to a tapered end. Central banks are effectively acting as the buyer-of-last resort and adding staggering sums to their already bloated balance sheets. Many government bond markets will end up being largely owned by their central banks. A temporary and expensive cushion has been pushed beneath the laboring world economy. The keyword is temporary.

- The most obvious reason why rates won't stay low is the return of strong inflation. Economic uncertainty, high and rising unemployment, excess capacity and already high levels of debt suggest very limited inflation is likely. However, the vast amounts of fiscal and monetary stimulus, elevated cash balances in banks and Covid-related capacity constraints could create pressures nonetheless.
- Even if inflation does appear, rate rises may not follow as quickly as they have in the past. The US Federal Reserve has shifted to targeting long term "average" inflation rather than stamping on it with rate rises immediately Indeed, many governments may be tempted to deal with record-breaking public debt levels by inflating them away, rather than paying them back, which may mean inflation returns without much of a response.
- The volatility that we expect stems from the fact that equity markets appear to have factored in an almost certain and fairly swift economic recovery in their performance since the trough in March. However, with earnings and dividends much reduced from their February levels and likely to remain lower for some time, this unavoidably means that they are much more expensive.
- Weak and certain economic growth matched with expensive bond and equity markets is not a good combination. **Evaluated valuations** can be seen not just in equity markets, but in the price of Bitcoin, gold, residential property and many other assets and only heightens risk. Given that, ending 2021 having preserved the value of one's assets, particularly if you've preserved their spending power too, will be a good outcome.

This is not intended to serve as a complete analysis of every material fact regarding any company, industry or security. The opinions expressed here reflect our judgement at this date are subject to change. Information has been obtained from sources we consider to be reliable, but we cannot guarantee the accuracy.





# **Appendix**



## Our capabilities and managed assets by region

#### BMO Global Asset Management: \$297bn AUM<sup>1</sup>

Toronto/Montreal | CANADA

\$109.8bn

Chicago/Miami

AUM

\$51.7bn

London S124.3bn<sup>2</sup>

Hong Kong
ASIA PACIFIC

AUM

\$384.4m<sup>3</sup>

- Fundamental Fixed Income
- Fundamental Equities
- · Disciplined Equities
- Multi-Asset Solutions
- Exchange Traded Funds (ETFs)

- US Fixed Income
- Disciplined Equities
- · Liquidity Management
- Multi-Asset Solutions
- Alternative Investments

- Fundamental Equities & Fixed Income
- Quantitative Equities
- · Liability Driven Investment
- Responsible Investment
- Emerging Market Fixed Income
- Multi-Asset Solutions
- Alternative Investments

- China Equities
- Multi-Asset Solutions
- Exchange Traded Funds (ETFs)

BMO Boutiques: London, UK

AUM

LGM Investments \$5.2bn

- Emerging Markets Equities
- Asian, India and Eastern European Equities
- Frontier Markets Equities

Pyrford International \$12.1bn

- Global Equities
  - International Equities
  - Global Absolute Return
  - Asia Ex-Japan Equities

BMO Real Estate Partners \$8.3bn

- Core Pan-European Real Estate
- Core Plus Pan-European Real Estate
- · Value Add Pan-European Real Estate

Unless otherwise noted, all Assets Under Management (AUM) reported is as at 30-Sep-20 and includes both discretionary and non-discretionary assets. AUM figures are in US\$.

- 1 Includes AUM managed by BMO Global Asset Management (Canada), BMO Global Asset Management (United States), BMO Global Asset Management (EMEA), Pyrford International and LGM Investments. LLC are wholly owned subsidiaries of BMO Asset Management Corp. BMO Real Estate Partners is a subsidiary of BMO Global Asset Management (EMEA). AUM may not add up due to rounding. Figures are adjusted to avoid double-counting of assets sub-advised by investment specialists.
- 2 Includes \$8.3billion managed by BMO Real Estate Partners.
- 3 AUM of Hong Kong domiciled BMO Exchange Traded Funds.

BMO Global Asset Management is the brand name for various affiliated entities of BMO Financial Group that provide investment management and trust and custody services. Certain products and services offered under the brand name BMO Global Asset Management are designed specifically for various categories of investors in a number of different countries and regions and may not be available to all investors. Products and services are only offered to such investors in those countries and regions in accordance with applicable laws and regulations. BMO Financial Group is a service mark of Bank of Montreal (BMO). The organisational diagram is for illustrative purposes only and (1) is only a representation of the capabilities and strategies of BMO Global Asset Management and (2) does not reflect actual legal entities or entity ownership. BMO Global Asset Management (Asia-Pacific) consists of BMO Global Asset Management (Asia) Limited. BMO Global Asset Management is a trading name of BMO Asset Management Limitedly, which is authorised and regulated by the Financial Conduct Authority.





# Responsibilities of Pyrford's Investment Professionals

As of December 31, 2020

				Years with Pyrford	Years in Industry
	Tony Cousins	Investment Strategy	Chairman of Global Stock Selection Committee and Investment Strategy Committee	32	36
	Bruce Campbell	Investment Strategy	Strategic Investment Advisor	34	51
	Faazil Hussain	Investment Strategy	Economics & Investment Strategy Analyst	1	1
	Head of Asia Paul Simons	Discretion Analysis	Australia; New Zealand; Malaysia; Hong Kong; China, Taiwan Japan; Philippines; Indonesia; South Korea; Thailand	24	24
Team	Jun Yu	Discretion Analysis	India Hong Kong; China, Taiwan	12	21
Asian '	Stefan Bain	Discretion	Japan; Philippines, South Korea	9	19
&	Roderick Lewis	Discretion	Singapore; Indonesia; Thailand	7	19
	Laura Drummond	Discretion Analysis	n/a Asia	1	1
European Team	Head of Europe  Daniel McDonagh	Discretion Analysis	UK Europe	23	23
an T	Peter Moran	Discretion	Eurozone (Netherlands; Spain; Belgium; Portugal; Finland; Ireland; Greece); Sweden; Norway; Israel	17	17
obe	Nabil Irfan	Discretion	Eurozone (Germany; France; Italy; Austria); Denmark	15	20
and a	Anneka Desai	Discretion Analysis	Switzerland Europe	5	5
Team	Head of Americas  Suhail Arain	Discretion Analysis	USA Canada; Mexico	12	23
Americas T	Andrew Sykes	Discretion Analysis	Canada; Brazil; Mexico USA	7	13
mer	Henrietta Brooks	Analysis	USA; Canada; Brazil	6	6
⋖	Joshua Hubbard	Analysis	US, Canada, Mexico, Brazil	1	1
z z	Lars Nielsen		Senior Client Portfolio Manager	12	31
Client	Luke Casey		Senior Client Portfolio Manager	5	18

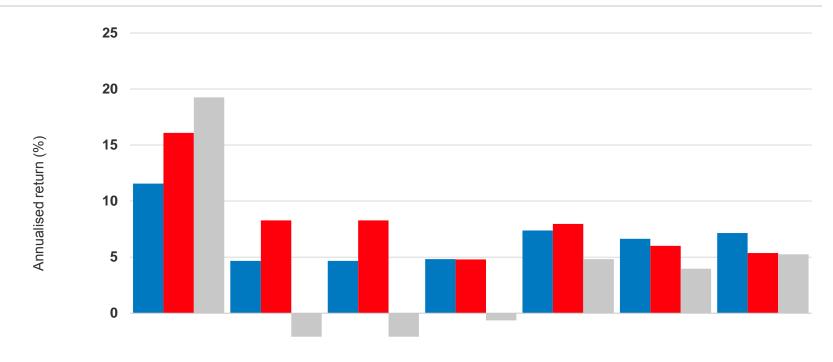
Discretion: authority to make investment decisions subject to CIO veto.

Analysis: authority to make investment recommendations subject to veto by investment professional with discretion or CIO.



## International Equity EAFE Strategy - performance

Annualised returns – gross of fees (%) to 31 December 2020 (US\$)



	- <b>5</b>	3 Months*	YTD*	1 Year	3 Years	5 Years	10 Years	Since Inception (01/07/1996)
	■ Pyrford	11.57	4.66	4.66	4.83	7.37	6.63	7.15
	■ MSCI EAFE	16.09	8.28	8.28	4.79	7.97	6.00	5.37
* No	tamseliseAFE VALUE	19.26	-2.10	-2.10	-0.65	4.82	3.96	5.26

Performance relates to the gross of fees Pyrford International Ltd 'International Equity (Base Currency US\$) composite' which comprises all fully discretionary, international equity accounts with a market value greater than US\$10m, a base currency of US\$ and no hedging restrictions. The date of inception is 1 July 1996. Please see full GIPS compliant performance disclosure at the end of this document.

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment.



# International Equity Composite US\$ - Disclosures

Calendar	Gross-of-fees	Net-of-fees	Benchmark	Composite 3 Vr	Benchmark 3-Yr	No. of Accounts	Composite Assets	Total Firm Assets at	% of Total Firm		Return	ıs %	
Year	Composite Return for the Period %	Composite Return for the Period %	MSCI EAFE Return %		Ann. Std Dev (%)		at period end (US\$ m)	period end (US\$ m)	Assets	Dispersion (Range) (%)	High	Low	Median
1996 H2	9.8	9.4	1.6	n/a	n/a	1	71	868	8.2	n/a	n/a	n/a	n/a
1997	0.8	0.1	2.1	n/a	n/a	1	71	1,162	6.1	n/a	n/a	n/a	n/a
1998	15.2	14.4	20.3	n/a	n/a	1	82	1,143	7.2	n/a	n/a	n/a	n/a
1999	14.2	13.4	27.2	13.1	15.9	1	151	1,229	12.3	n/a	n/a	n/a	n/a
2000	3.7	3.0	(14.0)	12.9	15.7	1	22	843	2.6	n/a	n/a	n/a	n/a
2001	(7.8)	(8.5)	(21.2)	12.1	15.2	1	20	1,187	1.7	n/a	n/a	n/a	n/a
2002	(12.0)	(12.6)	(15.7)	14.8	16.0	5	152	1,328	11.4	n/a	n/a	n/a	n/a
2003	31.9	31.0	39.2	16.3	17.8	7	387	2,133	18.1	0.19	32.9	31.1	31.6
2004	19.7	18.9	20.7	14.9	15.5	7	354	2,697	13.1	0.12	20.1	18.9	19.8
2005	8.6	7.8	14.0	10.8	11.4	7	514	2,610	19.7	0.21	9.4	7.9	8.9
2006	28.0	27.1	26.9	7.4	9.3	6	555	3,076	18.0	0.23	28.3	27.8	28.0
2007	10.1	9.4	11.6	7.1	9.4	5	385	2,992	12.9	0.33	10.4	9.4	10.0
2008	(32.9)	(33.4)	(43.1)	15.7	19.3	4	170	2,009	8.5	0.58	(31.7)	(33.4)	(32.6)
2009	31.6	30.6	32.5	18.8	23.7	4	208	2,583	8.1	0.40	32.1	31.2	31.5
2010	9.5	8.8	8.2	21.0	26.3	5	269	3,123	8.6	0.29	9.9	9.2	9.6
2011	(1.7)	(2.4)	(11.7)	17.1	22.5	9	476	3,510	13.6	0.64	(0.5)	(2.4)	(1.4
2012	17.2	16.4	17.9	14.3	19.3	11	1,046	7,263	14.4	0.40	18.0	16.9	17.3
2013	17.2	16.3	23.3	11.4	16.2	12	2,451	11,446	21.4	0.63	17.9	15.7	17.4
2014	1.6	0.9	(4.5)	9.4	13.0	13	3,443	12,706	27.1	0.38	2.7	1.4	1.8
2015	(2.8)	(3.5)	(0.4)	10.2	12.5	12	3,617	11,073	32.7	0.16	(2.2)	(3.1)	(2.7)
2016	3.4	2.7	1.5	10.6	12.5	8	1,941	9,670	20.1	0.40	4.2	2.9	3.4
2017	19.8	19.0	25.6	10.2	11.9	11	2,586	10,492	24.6	0.15	20.1	19.6	19.9
2018	(10.0)	(10.7)	(13.4)	9.3	11.3	12	2,279	10,709	21.3	0.18	(9.7)	(10.4)	(9.9)
2019	22.4	21.5	22.7	9.3	10.8	12	2,657	11,985	22.2	0.19	22.7	22.0	22.2
2020	4.7	3.9	8.3	15.1	17.9	13	2,731	12,481	21.9	0.31	5.4	3.5	4.8

Source: Pyrford International / MSCI

Past performance does not guarantee future results. Capital is at risk and an investor may receive back less than the original investment.



## **GIPS** Disclosures

Pyrford International Ltd claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Pyrford International Ltd has been independently verified for the period January 1, 1994 to December 31, 2019 by Grant Thornton UK LLP. The verification report is available upon request.

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. Verification does not ensure the accuracy of any specific composite presentation.

#### Notes to the performance presentation

Pyrford International, a wholly owned subsidiary of the Bank of Montreal, is an investment management firm based in the United Kingdom providing international asset management services for its clients. Pyrford is part of BMO's Wealth Management group which provides wealth management services in North America, Middle East, UK, Asia, Australia and Europe. As at 30 September 2020 Pyrford International Ltd had total assets under management and administration and term investments of US\$11,414m. For the purpose of measuring and presenting investment performance, all discretionary fee paying accounts of Pyrford International Ltd are allocated to a composite and a complete list and description of the composites is available on request. Additional information regarding the firm's policies and procedures for calculating and reporting performance returns is available upon request.

The Pyrford International Ltd "International Equity (Base Currency US\$) composite" comprises all fully discretionary, international equity accounts with a market value greater than US\$10m, a base currency of US\$ and no hedging restrictions. The benchmark for the composite is the MSCI EAFE index. The composite was first created on July 1, 1996. On April 1, 2002 the composite construction criteria were redefined to allow the inclusion of pooled funds, taxable funds and funds of between US\$10 – 15 million on the basis that these do not materially impact the returns generated.

All returns are calculated in US\$ terms on a time-weighted basis. Effective May 1, 2013, portfolio returns are calculated daily. Prior to this date, portfolio returns were calculated monthly using the Modified Dietz method. Monthly composite returns are calculated by weighting each account's monthly return by its relative beginning market value.

Where there are more than four accounts in the composite over a full year, dispersion is measured as the asset weighted standard deviation of asset weighted portfolio returns of all accounts in the composite for the full year.

The three-year annualised standard deviation measures the variability of the composite returns over the preceding 36-month period.

The accounts in this composite are unleveraged and derivatives are used solely for currency hedging purposes.

As at 30 September 2020, 8.0% of the composite assets were invested in Indonesia, Malaysia, Thailand and Taiwan which are not included in the MSCI EAFE Index. Historically the composite has invested between 2.4% and 13.0% in these countries.

Performance results are presented gross of management and custodial fees, but net of transaction costs and before taxes (except for non-reclaimable withholding tax). The standard management fee schedule for segregated management is as follows: 0.70% per annum on the first US\$50 million; 0.50% on the next US\$50 million, and thereafter 0.35% per annum.

Net-of-fees performance has been calculated using the highest management fee of 0.70% per annum, as described in the firm's fee schedule shown above.

Returns will be reduced by advisory fees and other expenses, and the effect of these fees will compound over time. As a hypothetical example, if an account generated a 10% return each year for five years, it would have appreciated by 61%. If such an account paid a 1% annual fee, the appreciation on the fund would be 54%, or seven percentage points lower after five years.

There have been no significant events within the firm (such as ownership or personnel changes) which have materially impacted the historical investment performance.

All requests for further information should be sent to: Nicholas Miller, 95 Wigmore Street, London W1U 1FD nicholas.miller@pyrford.co.uk



## **Disclosures**

#### Risk disclosure

This document is a marketing publication and a financial promotion and has not been prepared in accordance with legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research.

The investments and investment strategies discussed are not suitable for, or applicable to, every individual. All investments involve risk, including the possible loss of principal and a positive return is not guaranteed over any period. Past performance is not a guarantee of future results. Performance data shown in the document may not be in the local currency of the country where an investor is based. Actual returns may increase or decrease as a result of currency fluctuations. Dividends are not guaranteed and are subject to change or elimination.

The material contained in this document is for general information only and is not intended to serve as a complete analysis of every material fact regarding any company, industry or security. The opinions expressed here reflect our judgment at this date and are subject to change. Information has been obtained from sources we consider to be reliable, but we cannot guarantee the accuracy. The material may contain forward-looking statements and investors are cautioned not to place undue reliance on such statements, as actual results could differ materially due to various risks and uncertainties.

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Portfolio holdings and sector allocations may not be representative of the portfolio manager's current or future investment and are subject to change at any time. The holdings identified do not represent all of the securities purchased, sold, or recommended and you should not assume that these investments were or will be profitable.

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This document issued for marketing and information purposes; in the United Kingdom to professional clients by Pyrford International Ltd, which is authorised and regulated by the Financial Conduct Authority; in the EU to professional clients by BMO Asset Management Netherlands B.V., which is regulated by the Dutch Authority for the Financial Markets (AFM)); in Switzerland to non-qualified investors by BMO Global Asset Management (Swiss) GmbH, which is authorised and regulated by the Swiss Financial Market Supervisory Authority (FINMA); in Hong Kong to professional clients by BMO Global Asset Management (Asia) Ltd, which is authorised and regulated by the Securities and Futures Commission; in Australia to wholesale investors by BMO Global Asset Management (Asia) Ltd, which is authorised and regulated by the Securities and Futures Commission in Hong Kong, and is exempt from the requirement to hold a financial services license under the Corporations Act in respect of financial services it provides to wholesale investors in Australia; in the USA to institutional investors by BMO Asset Management Corp. a SEC registered investment adviser.

Pyrford International Ltd is authorised and regulated by the Financial Conduct Authority, entered on the Financial Services Register under number 122137. In the USA Pyrford is registered as an investment adviser with the Securities and Exchange Commission. In Australia Pyrford is exempt from the requirement to hold a financial services license under the Corporations Act in respect of financial services it provides to wholesale investors in Australia. In Canada Pyrford is registered as a Portfolio Manager in Alberta, British Columbia, Manitoba, Ontario and Quebec. Pyrford is a wholly-owned subsidiary of BMO Financial Group, a company listed on the Toronto Stock Exchange (ticker BMO).

BMO Global Asset Management is part of the BMO Financial Group, a service mark of Bank of Montreal (BMO). Certain products and services offered under the brand name of BMO Global Asset Management are designed specifically for various categories of investors in a number of different countries and regions. These products and services are only offered to such investors in those countries and regions in accordance with applicable laws and regulations.

BMO Wealth Management is a brand name that refers to BMO Harris Bank N.A. and certain of its affiliates that provide certain investment, investment advisory, trust, banking, securities, insurance and brokerage products and services. Not all products and services are offered in every state and/or location. Securities and insurance products offered are:

NOT FDIC INSURED — NOT BANK GUARANTEED — NOT A DEPOSIT — MAY LOSE VALUE.



## **Index Definitions**

#### MSCI EAFE Index

The MSCI EAFE Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of securities across Developed Markets countries around the world, excluding the US and Canada.

#### MSCI EAFE Value Index

The MSCI EAFE Value Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of securities exhibiting overall value style characteristics across Developed Markets countries around the world, excluding the US and Canada.

#### MSCI AC World Index

The MSCI AC World Index is a free float adjusted market capitalization weighted index that is designed to measure the equity market performance of countries around the world.

#### MSCI AC World Index

The MSCI AC World Index is a free float-adjusted market capitalisation weighted index that is designed to measure the equity market performance of countries around the world.

#### MSCI AC World Value Index

The MSCI AC World Value Index is a free float-adjusted market capitalisation weighted index that is designed to measure the equity market performance of securities exhibiting overall value style characteristics of countries around the world.

#### MSCI AC Asia Pacific Index

The MSCI AC Asia Pacific Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of Asia and Pacific region.

#### MSCI ACWI ex USA Index

The MSCI ACWI Ex US Index is a free float adjusted market capitalization weighted index that is designed to measure the equity market performance of countries around the world, excluding the US.

#### MSCI Emerging Markets Index

The MSCI Emerging Markets Index is a market capitalization weighted index comprised of over 800 companies representative of the market structure of the emerging countries in Europe, Latin America, Africa, Middle East and Asia. Prior to January 1, 2002, the returns of the MSCI Emerging Markets Index were presented before application of withholding taxes.

#### MSCI European Monetary Union Index

The MSCI EMU (European Economic and Monetary Union) Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of countries within EMU.

#### FTSE All-World Index

The FTSE All-World Index is a market-capitalisation weighted index representing the performance of the large and mid cap stocks from the FTSE Global Equity Index Series and covers 90-95% of the investable market capitalisation. The index covers Developed and Emerging markets and is suitable as the basis for investment products, such as funds, derivatives and exchange-traded funds.

Investments cannot be made in an index.





## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 21

**TO:** Sacramento Regional Transit Retirement Boards – ALL

**FROM:** Jamie Adelman, AVP Finance & Treasury

SUBJ: RECEIVE AND FILE INVESTMENT PERFORMANCE RESULTS FOR THE

ATU, IBEW AND SALARIED EMPLOYEE RETIREMENT PLANS FOR THE

QUARTER ENDED DECEMBER 31, 2020 (ALL). (ADELMAN)

#### **RECOMMENDATION**

Motion to Approve.

#### RESULT OF RECOMMENDED ACTION

Motion: Receive and File Investment Performance Results for the ATU, IBEW and Salaried Employee Retirement Plans for the Quarter Ended December 31, 2020 (ALL). (Adelman)

#### 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 Fourth Quarter 2020 Market Update (Attachment 1) and the second is the Investment Measurement Service Quarterly Review as of December 31, 2020 (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 December 31, 2020. The second report compares the performance of each investment manager with benchmark indices, other fund managers of similarly invested portfolios and other indices.

#### **Investment Compliance Monitoring**

In accordance with the Statement of Investment Objectives and Policy Guidelines for the Sacramento Regional Transit District Retirement Plans (Investment Policy), Northern Trust Company performs daily investment compliance monitoring on the Plans' three (3) actively managed funds. As of December 31, 2020, there were no compliance warnings or alerts to be reported; 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 December 31, 2020 – 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	16.25%	19.50%	\$9,732,890	-
S&P 500 Index (large cap value) S&P 500	12.15%	12.15%	\$6,787,216	\$(339,594)
Atlanta Capital (small cap) Russell 2000	31.37%	19.32%	\$5,064,241	-
Pyrford (international equities) MSCI EAFE	16.05%	11.56%	\$3,377,040	-
MSCI EAFE Index (international equities) MSCI EAFE	16.05%	16.09%	\$2,305,775	-
AQR (small cap international equities) MSCI EAFE SC	17.27%	15.44%	\$2,534,711	-
Dimensional Fund Advisors (emerging markets) MSCI EM	19.70%	21.39%	\$4,389,829	-
Metropolitan West (fixed income) Bloomberg Agg.	0.67%	1.39%	\$1,370,518	-
Totals	10.8%	11.44%	\$35,562,220	\$(339,594)

**Bold** – fund exceeding respective benchmark

The table below provides an overview of the year to date performance, as of December 31, 2020 – 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	2.80%	2.58%	\$2,696,817	\$5,850,000
S&P 500 Index (large cap value) S&P 500	18.40%	18.30%	\$9,723,460	\$(2,251,443)
Atlanta Capital (small cap) Russell 2000	19.96%	10.77%	\$3,163,226	\$600,000
Pyrford (international equities) MSCI EAFE	7.82%	3.37%	\$1,256,723	\$1,200,000
MSCI EAFE Index (international equities) MSCI EAFE	7.82%	8.16%	\$1,818,499	\$2,600,000
AQR (small cap international equities) MSCI EAFE SC	12.34%	6.44%	\$1,637,735	\$3,050,000
Dimensional Fund Advisors (emerging markets) MSCI EM	18.31%	13.85%	\$3,894,109	\$3,600,000
Metropolitan West (fixed income) Bloomberg Agg.	7.51%	9.70%	\$9,624,371	\$(18,117,178)
Totals	13.82%	11.06%	\$33,814,939	\$(3,468,621)

**Bold** – fund exceeding respective benchmark

# Callan

March 10, 2021

# Sacramento Regional Transit District

Fourth Quarter 2020 Market Update

#### **Anne Heaphy**

Fund Sponsor Consulting

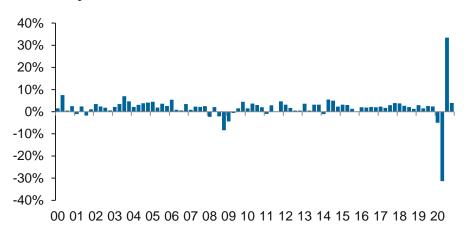
#### Uvan Tseng, CFA

Fund Sponsor Consulting

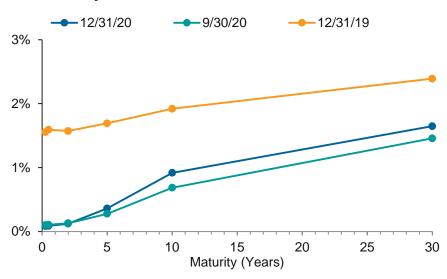
## **Economic Commentary**

#### Fourth Quarter 2020

#### **Quarterly Real GDP Growth\***



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



### Global equity continued rally in 4Q

- -S&P -33.5% from peak (02/19/20) to low on 3/23/20
- Rebound since March bottom lifted the S&P 500 by 70% through December! However, the strong recovery was concentrated in a few stocks: mega cap, IT.
- Fed cut rates to zero, commenced QE, instituted multiple facilities to backstop money markets, credit markets, and the economy.
  - Fed expects to get paid back.
  - Further fiscal stimulus added at year-end
- Economic recovery will be uncertain in 2021.
- Release of vaccines a huge positive development
- Distribution challenges may keep widespread inoculation from being achieved until mid-year.
- As COVID-19 infections surge anew, re-openings may be reversed in many states and localities.

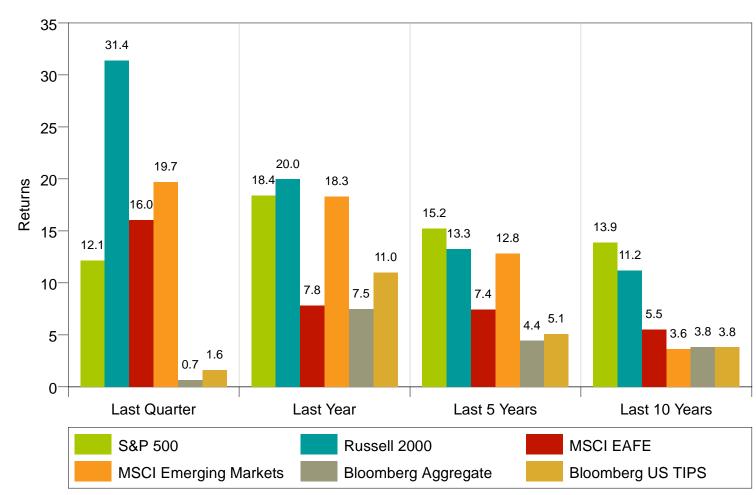
\*Preliminary estimate for 4Q20. Sources: Bloomberg, Bureau of Labor Statistics, Callan, IHS Markit



### **Asset Class Performance**

## Periods Ended December 31, 2020

# Asset Class Performance for Periods Ended December 31, 2020



#### YTD as of 03/09/2021:

S&P 500:

Russell 2000:

MSCI EAFE:

MSCI Emerging Markets:

Bloomberg Aggregate:

Bloomberg TIPS:



## **U.S. Equity Performance**

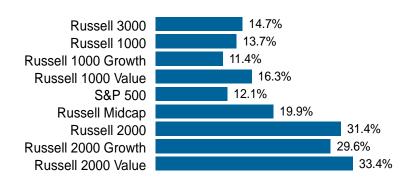
#### Record highs in 2020

- The S&P 500 Index hit a record high in 4Q20. The Index was up 12.1% for the quarter, bringing the 2020 gain to 18.4%.
  - Since March low, S&P is up over 70%, with all sectors posting increases greater than 40%.
  - 4Q winner: Energy (+28%), but down 34% for the year.
  - Technology (+12% in 4Q) top 2020 sector with 44% gain.
  - Pandemic has cast a pall over certain sectors while rewarding others: online retail soared 69% in 2020, while hotels/cruise lines, airlines, and retail REITs dropped ~30%.
  - Apple, Microsoft, Amazon, Facebook, Alphabet made up 22% of S&P 500 at year-end, and for 2020, accounted for 12.1% of 18.4% Index return.

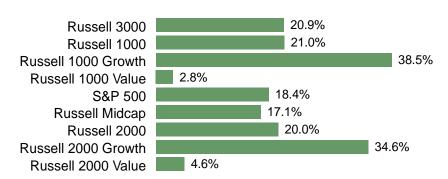
#### Trend reversal

- In 4Q, driven by vaccine progress, political clarity, and further stimulus, value outperformed growth across the cap spectrum.
   However, value trails growth by significant margin for the full year.
- Fueled by the prospect of an economic recovery, small caps outperformed large in 4Q but were even on the year. Small value was the best performer for 4Q, but 2020 gain is a mere 4.6%.

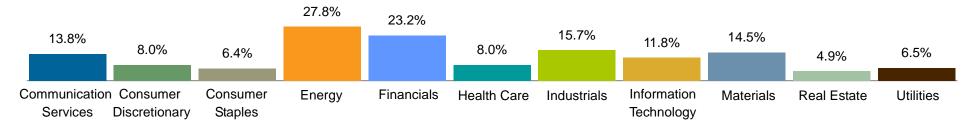
#### **U.S. Equity: Quarterly Returns**



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



#### **Industry Sector Quarterly Performance (S&P 500)**



Sources: FTSE Russell, S&P Dow Jones Indices



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

Periods Ended December 31, 2020

		4Q 2020			<b>Annualized 1 Year Returns</b>			
	Value	Core	Growth		Value	Core	Growth	
Large	16.3%	13.7%	11.4%	Large	2.8%	21.0%	38.5%	
Mid	20.4%	19.9%	19.0%	Mid	5.0%	17.1%	35.6%	
Small	33.4%	31.4%	29.6%	Small	4.6%	20.0%	34.6%	

#### **Growth trailed value**

 Growth trailed value reversing a long standing trend. Value sectors such as Energy, Financials, Industrials, and Materials outperformed during the quarter. The spread between growth and value continued to remained large.

#### **Small outperformed Large**

 Small cap stocks rocketed in the fourth quarter bringing small cap returns into the same ballpark as large cap stocks over the one year period.

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



## **Global ex-U.S. Equity Performance**

#### COVID-19 vaccine rollouts extend and expand risk-on rally

- Prospects of global economic recovery propelled by COVID-19 vaccination fueled double-digit returns broadly across developed and emerging markets.
- Expectations of reverting back to normal economic activity by late 2021 enabled risk assets to thrive.
- Emerging markets outperformed developed markets, led by Latin America—specifically Brazil.
- Small cap outperformed large as business confidence improved with news of vaccination.

#### Market rotates to cyclicals

 Positive outlook on reflation trade stoked Energy, Materials, and Financials to drive the market.

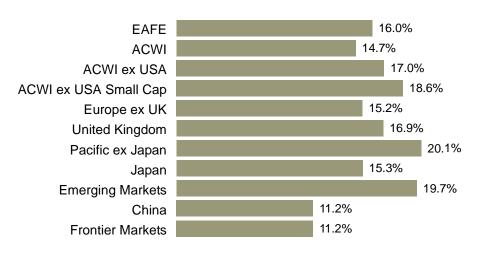
#### U.S. dollar vs. other currencies

 U.S. dollar continued to lose ground as appetite for risk increased with the expectation that a path to global economic recovery is on the horizon.

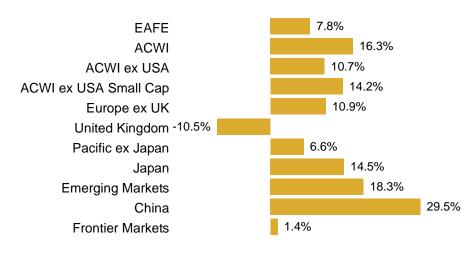
#### Growth vs. value

Value outpaced growth as sentiment shifted to cyclical sectors.

#### **Global Equity: Quarterly Returns**



#### **Global Equity: One-Year Returns**





### **U.S. Fixed Income Performance**

#### **Treasury yields rose**

- -The 10-year U.S. Treasury yield closed 4Q20 at 0.93%, up 24 bps from 3Q20 but off from the year-end level of 1.92%.
- TIPS outperformed nominal U.S. Treasuries as 10-year breakeven spreads widened from 163 bps to 199 bps.
- No rate hikes are expected until at least 2023.

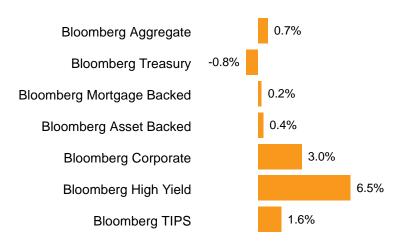
#### **Bloomberg Barclays Aggregate gained slightly**

- Corporate credit outperformed treasuries as investors continued to hunt for yield.
- Corporate credit ended the year up 9.89% despite record issuance in 2020.

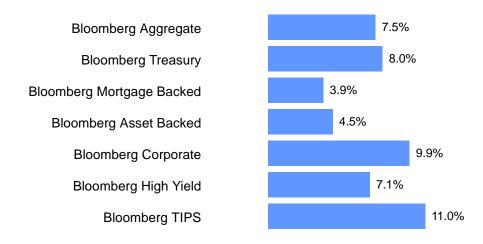
#### High yield bonds gained on the quarter as rally extended

- High yield bonds outperformed Investment Grade bonds in 4Q, returning 6.48%, but trailed Investment Grade for the year.
- Leveraged loans gained 3.8% as demand remained strong to finish the year.

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



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





## **Callan Periodic Table of Investment Returns**

	Cumulative Returns			Quarterly	/ Returns		Year 2020
3 Years	7 years	10 Years	Qtr. Ending 3/31/20	Qtr. Ending 6/30/20	Qtr. Ending 9/30/20	Quarter Ending 12/31/20	Year Ending December 31, 2020
Large Cap Equity	Large Cap Equity	Large Cap Equity	U.S. Fixed Income	Emerging Market Equity	Emerging Market Equity	Small Cap Equity	Small Cap Equity
11.4%	12.7%	13.6%	3.1%	7.4%	9.6%	31.4%	20.0%
Small Cap Equity	Small Cap Equity	Small Cap Equity	Global ex-U.S. Fixed Income	Small Cap Equity	Large Cap Equity	Emerging Market Equity	Large Cap Equity
10.0%	10.4%	11.8%	-2.7%	3.5%	8.9%	19.7%	18.4%
Emerging Market Equity	Real Estate	Real Estate	High Yield	Dev ex-U.S. Equity	Small Cap Equity	Dev ex-U.S. Equity	Emerging Market Equity
9.1%	7.3%	8.4%	-12.7%	3.4%	4.9%	15.8%	18.3%
Dev ex-U.S. Equity	High Yield	High Yield	Large Cap Equity	Real Estate	Dev ex-U.S. Equity	Real Estate	Global ex-U.S. Fixed Income
7.4%	6.0%	7.6%	-19.6%	2.6%	4.9%	13.3%	10.1%
High Yield	Dev ex-U.S. Equity	Dev ex-U.S. Equity	Dev ex-U.S. Equity	Large Cap Equity	High Yield	Large Cap Equity	Dev ex-U.S. Equity
6.4%	5.3%	5.3%	-23.3%	2.0%	4.6%	12.1%	7.6%
Real Estate	Emerging Market Equity	U.S. Fixed Income	Emerging Market Equity	Global ex-U.S. Fixed Income	Global ex-U.S. Fixed Income	High Yield	U.S. Fixed Income
4.4%	3.2%	3.7%	-23.6%	1.0%	4.1%	6.5%	7.5%
U.S. Fixed Income	U.S. Fixed Income	Emerging Market Equity	Real Estate	High Yield	Real Estate	Global ex-U.S. Fixed Income	High Yield
2.2%	2.1%	3.7%	-28.5%	1.0%	2.1%	5.1%	7.1%
Global ex-U.S. Fixed Income	Global ex-U.S. Fixed Income	Global ex-U.S. Fixed Income	Small Cap Equity	U.S. Fixed Income	U.S. Fixed Income	U.S. Fixed Income	Real Estate
1.8%	0.1%	1.5%	-30.6%	0.6%	0.6%	0.7%	-9.0%

Sources: 

Bloomberg Barclays Aggregate 

Bloomberg Barclays Corp High Yield 

Bloomberg Barclays Global Aggregate ex US

FTSE EPRA Nareit Developed 

MSCI World ex USA 

MSCI Emerging Markets 

Russell 2000 

S&P 500



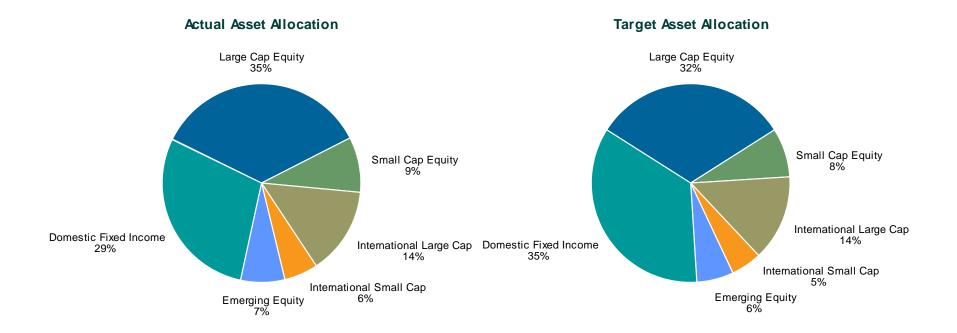
# Callan

Sacramento Regional Transit District

Total Fund Overview

## **RT Asset Allocation**

## As of December 31, 2020



	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Large Cap Equity	122,217	35.2%	32.0%	3.2%	11,185
Small Cap Equity	31,276	9.0%	8.0%	1.0%	3,518
International Large Cap	49,217	14.2%	14.0%	0.2%	640
International Small Cap	19,210	5.5%	5.0%	0.5%	1,861
Emerging Equity	25,051	7.2%	6.0%	1.2%	4,232
Domestic Fixed Income	100,003	28.8%	35.0%	(6.2%)	(21,438)
Total	346.974	100.0%	100.0%	•	,



## **Total Fund**

## Performance Attribution

#### Relative Attribution Effects for Quarter ended December 31, 2020

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	34%	32%	15.62%	12.15%	1.17%	0.03%	1.20%
Small Cap Equity	9%	8%	19.32%	31.37%	(0.95%)	0.11%	(0.84%)
International Large C	Cap 14%	14%	13.05%	16.05%	(0.41%)	(0.03%)	(0.44%)
International Small C		5%	15.44%	17.27%	(0.09%)	0.01%	(0.08%)
Emerging Equity	7%	6%	21.39%	19.70%	`0.11%´	0.07%	0.18%
Domestic Fixed Inco	me 31%	35%	1.39%	0.67%	0.24%	0.38%	0.62%
Total			11.44% =	10.80% +	+ 0.06% +	0.58%	0.63%

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

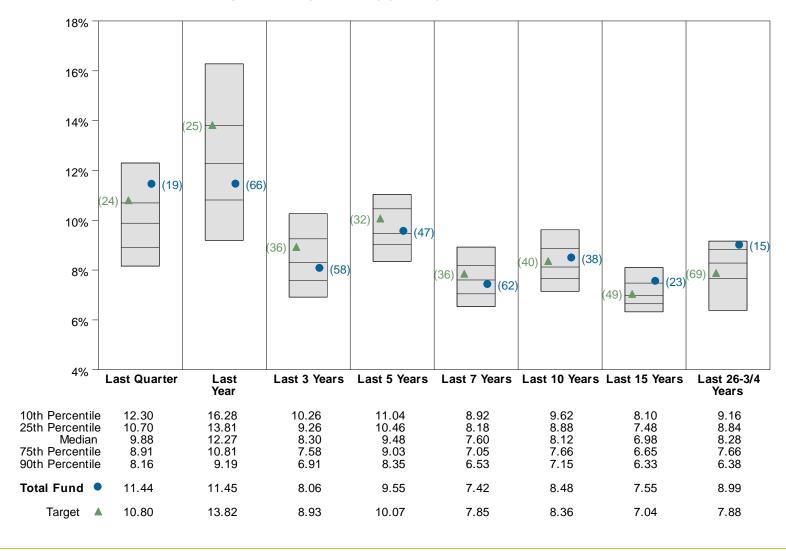
Asset Class Large Cap Equity Small Cap Equity International Large ( International Small ( Emerging Equity Domestic Fixed Inco	Cap 5% 6%	Effective Target Weight 32% 8% 14% 5% 6% 35%	Actual Return 11.03% 11.67% 5.71% 7.35% 14.40% 9.92%	Target Return 18.40% 19.96% 7.82% 12.34% 18.31% 7.51%	Manager Effect (2.30%) (0.84%) (0.37%) (0.24%) (0.16%) 0.79%	Asset Allocation (0.06%) 0.02% 0.09% 0.08% 0.15% 0.43%	Total Relative Return (2.36%) (0.81%) (0.28%) (0.16%) (0.01%) 1.22%
Total			11.45% =	: 13.82% +	(3.09%) +	0.72%	(2.38%)



## **Total Fund**

### Performance as of December 31, 2020

#### Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)





**Total Fund** 

## Manager Asset Allocation

	December 31, 2020			September 30, 2020	
	Market Value	Net New Inv.	Inv. Return	Market Value	
Consolidated Plan					
Domestic Equity	\$153,493,636	\$(339,594)	\$21,584,347	\$132,248,883	
Large Cap	\$122,217,215	\$(339,594)	\$16,520,106	\$106,036,703	
Boston Partners	59,656,118	0	9,732,890	49,923,228	
SSgA S&P 500	62,561,097	(339,594)	6,787,216	56,113,475	
Small Cap	\$31,276,420	\$0	\$5,064,241	\$26,212,180	
Atlanta Capital	31,276,420	0	5,064,241	26,212,180	
International Equity	\$93,477,859	\$0	\$12,607,354	\$80,870,505	
International Large Cap	\$49,216,913	\$0	\$5,682,814	\$43,534,099	
SSgA EAFE	16,638,287	0	2,305,775	14,332,512	
Py rf ord	32,578,626	0	3,377,040	29,201,587	
International Small Cap	\$19,210,188	\$0	\$2,534,711	\$16,675,477	
AQR	19,210,188	0	2,534,711	16,675,477	
Emerging Equity	\$25,050,758	\$0	\$4,389,829	\$20,660,929	
DFA Emerging Markets	25,050,758	0	4,389,829	20,660,929	
Fixed Income	\$100,002,908	\$0	\$1,370,518	\$98,632,389	
Metropolitan West	100,002,908	0	1,370,518	98,632,389	
Total Plan - Consolidated	\$346,974,402	\$(339,594)	\$35,562,219	\$311,751,778	



**Total Fund**Manager Returns as of December 31, 2020

	Last		Last	Last 5	Last 7
		Last	3		
	Quarter	Year	Years	Years	Years
Domestic Equity	16.35%	11.16%	10.62%	13.19%	10.88%
Domestic Equity Benchmark**	15.83%	18.94%	13.49%	14.91%	12.29%
Large Cap Equity	15.62%	11.03%	9.94%	12.78%	10.68%
Boston Partners	19.50%	2.99%	5.39%	10.07%	8.23%
Russell 1000 Value Index	16.25%	2.80%	6.07%	9.74%	8.20%
SSgA S&P 500	12.15%	18.36%	14.17%	15.23%	12.95%
S&P 500 Index	12.15%	18.40%	14.18%	15.22%	12.92%
Small Cap Equity	19.32%	11.67%	13.13%	14.69%	11.62%
Atlanta Capital	19.32%	11.67%	13.13%	14.69%	11.62%
Russell 2000 Index	31.37%	19.96%	10.25%	13.26%	9.34%
International Equity	15.67%	8.48%	4.10%	8.21%	4.59%
International Benchmark***	17.23%	11.39%	4.96%	9.11%	5.10%
	40.050/	<b>= =</b> 40/	4 = 00/		4.0.00
International Large Cap	13.05%	5.71%	4.70%	7.36%	4.35%
SSgA EAFE	16.09%	8.27%	4.69%	7.85%	4.76%
Pyrford	11.56%	4.09%	4.52%	-	-
MSCI EAFE Index	16.05%	7.82%	4.28%	7.45%	4.39%
International Small Cap	15.44%	7.35%	1.52%	-	-
AQR	15.44%	7.35%	1.52%	-	-
MSCI EAFE Small Cap Index	17.27%	12.34%	4.85%	9.40%	7.25%
Emerging Markets Equity	21.39%	14.40%	4.37%	12.02%	6.03%
DFA Emerging Markets	21.39%	14.40%	4.37%	12.02%	6.03%
MSCI Emerging Markets Index	19.70%	18.31%	6.18%	12.81%	6.17%
Domestic Fixed Income	1.39%	9.92%	6.61%	5.30%	4.76%
Met West	1.39%	9.92%	6.61%	5.30%	4.76%
Bloomberg Aggregate Index	0.67%	7.51%	5.34%	4.44%	4.09%
Total Plan	11.44%	11.45%	8.06%	9.55%	7.42%
Target*	10.80%	13.82%	8.06% 8.93%	9.55% 10.07%	7.42% 7.85%
raiget	10.00%	13.02%	0.93%	10.07 %	7.00%

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

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.



<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter

## **Total Fund**

## Manager Calendar Year Returns

	2020	2019	2018	2017	2016
Domestic Equity	11.16%	27.71%	(4.64%)	19.78%	14.58%
Domestic Equity Benchmark**	18.94%	30.32%	(5.69%)	20.41%	13.85%
Large Cap Equity	11.03%	27.77%	(6.33%)	21.10%	13.38%
Boston Partners	2.99%	23.91%	(8.27%)	20.32%	14.71%
Russell 1000 Value Index	2.80%	26.54%	(8.27%)	13.66%	17.34%
SSgA S&P 500	18.36%	31.50%	(4.39%)	21.86%	12.03%
S&P 500 Index	18.40%	31.49%	(4.38%)	21.83%	11.96%
Small Cap Equity	11.67%	27.38%	1.78%	15.01%	19.17%
Atlanta Capital	11.67%	27.38%	1.78%	15.01%	19.17%
Russell 2000 Index	19.96%	25.52%	(11.01%)	14.65%	21.31%
International Equity	8.48%	20.83%	(13.93%)	28,25%	2.55%
International Benchmark***	11.39%	21.78%	(14.76%)	29.51%	3.26%
International Large Cap	5.71%	22.34%	(11.25%)	22.63%	1.35%
SSgA EAFE	8.27%	22.49%	(13.49%)	25.47%	1.37%
Pyrford	4.09%	22.30%	(10.31%)	-	-
MSCI EAFE Index	7.82%	22.01%	(13.79%)	25.03%	1.00%
International Small Cap	7.35%	21.73%	(19.94%)	33.76%	-
AQR	7.35%	21.73%	(19.94%)	33.76%	-
MSCI EAFE Small Cap Index	12.34%	24.96%	(17.89%)	33.01%	2.18%
Emerging Markets Equity	14.40%	16.64%	(14.80%)	37.32%	12.99%
DFA Emerging Markets	14.40%	16.64%	(14.80%)	37.32%	12.99%
MSCI Emerging Markets Index	18.31%	18.44%	(14.57%)	37.28%	11.19%
Domestic Fixed Income	9.92%	9.41%	0.75%	3.89%	2.87%
Met West	9.92%	9.41%	0.75%	3.89%	2.87%
Bloomberg Aggregate Index	7.51%	8.72%	0.01%	3.54%	2.65%
Total Plan	11.45%	19.25%	(5.05%)	16.14%	7.65%
Target*	13.82%	20.58%	(5.82%)	16.39%	7.40%

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

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.



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## Callan

**December 31, 2020** 

Sacramento Regional Transit District Retirement Plans

Investment Measurement Service Quarterly Review

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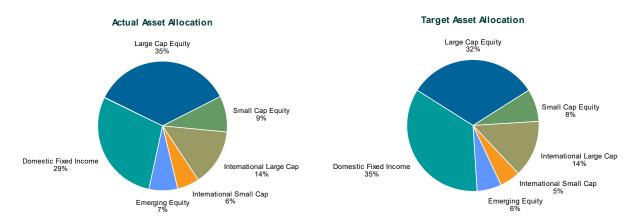
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#### **Sacramento Regional Transit District**

Executive Summary for Period Ending December 31, 2020

#### **Asset Allocation**



#### **Performance**

	Last	Last	Last 3	3 5	Last 7 Years
	Quarter	Year	Years		
Total Plan	11.44%	11.45%	8.06%	9.55%	7.42%
Target*	10.80%	13.82%	8.93%	10.07%	7.85%

#### **Recent Developments**

Josh White will be joining the Large Cap Value team as a Portfolio Manager effective February 1st. Josh is a 15-year veteran of **Boston Partners** who began his investment career with the firm. Josh will work alongside the rest of the Large Cap Value team - Mark Donovan, David Pyle, Stephanie McGirr and David Cohen - which Mark continues to oversee.

#### **Organizational Issues**

N/Ā

#### **Manager Performance**

	Peer Group Ranking					
Manager	Last Year	Last 3 Years	Last 7 Years			
Boston Partners	51	57	54			
Atlanta Capital	58	34	33			
Pyrford	91	55	[69]			
AQR	69	74	[79]			
DFA	73	84	82			
MetWest	15	5	52			

Brackets indicate performance linked with manager's composite

#### **Watch List**

AQR and DFA were added to the watch list in 1Q20 as performance lags both their respective benchmarks and peer groups over mid-to-longer term periods.

#### **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.

#### **U.S. EQUITY**

#### Record highs in 2020

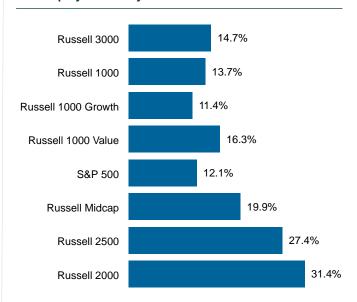
The S&P 500 Index hit a record high in 4Q20. The Index was up 12.1% for the quarter, bringing the 2020 gain to 18.4%.

- Since its March low, the S&P is up over 70%, with all sectors posting increases greater than 40%.
- 4Q winner: Energy (+28%), but down 34% for the year
- Top 2020 sector: Technology with 44% gain (+12% in 4Q)
- Pandemic has cast a pall over certain sectors while rewarding others: online retail soared 69% in 2020, while hotels/cruise lines, airlines, and retail REITs dropped ~30%.
- Apple, Microsoft, Amazon, Facebook, and Alphabet made up 22% of S&P 500 market cap at year-end, and for 2020, accounted for 12.1% of 18.4% Index return.

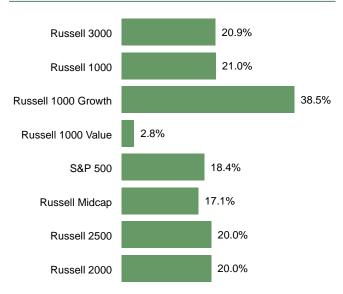
#### Anti-momentum rally

- In 4Q, value outperformed growth across the cap spectrum driven by vaccine progress, political clarity, and further stimulus. For the year, however, value trails growth by a significant margin due to Tech's outperformance.
- Fueled by the prospect of an economic recovery, small cap outperformed large in 4Q but was even on the year. Small value was the best performer for the quarter, but 2020 gain is a mere 4.6%.
- 4Q experienced a shift in YTD 2020 trends, attributed to expectations of broader economic recovery from the vaccine roll-out and the presidential election outcome.
- Cyclical sectors such as Energy, Financials, Industrials, and Materials outperformed during the quarter.
- Although stocks with the highest P/E's significantly outperformed for the year, the trend shifted after the vaccine announcement and stocks with zero earnings estimates or P/E's less than 10 shot up.

#### **U.S. Equity: Quarterly Returns**

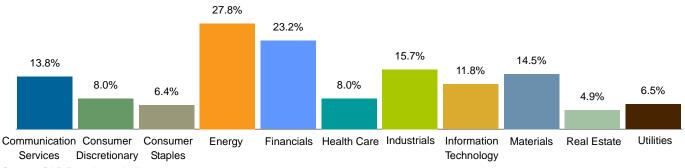


#### U.S. Equity: One-Year Returns



Sources: FTSE Russell, S&P Dow Jones Indices

#### S&P Sector Returns, Quarter Ended December 31, 2020



Source: S&P Dow Jones Indices



#### **GLOBAL/GLOBAL EX-U.S. EQUITY**

#### Vaccine rollouts extend and expand risk-on rally

- Prospects of global economic recovery propelled by COVID-19 vaccination fueled double-digit returns broadly across developed and emerging markets.
- Expectations of reverting back to normal economic activity by late 2021 enabled risk assets to thrive.
- Emerging markets outperformed developed markets, led by Latam—specifically Brazil.
- Small cap outperformed large as business confidence improved with news of vaccination.

#### Market rotates to cyclicals

- Positive outlook on reflation trade stoked Energy, Materials, and Financials to drive the market.
- Beta and volatility led factor performance due to market rotation.

#### U.S. dollar vs. other currencies

 U.S. dollar continued to lose ground as appetite for risk increased with the expectation that a path to global economic recovery is on the horizon.

#### Growth vs. value

Value topped growth as sentiment shifted to cyclical sectors.

#### 4Q20 belonged to value; does it have staying power?

- COVID-19 benefited value as the quarter brought news of successful vaccines.
- Financials, Travel, and Energy rebounded
- MSCI World Growth (+12.4%) trailed MSCI World Value (+15.2%) over the three-month period.
- Even with this divergence of style in 4Q20, growth still outpaced value globally by over 35% for the full year.

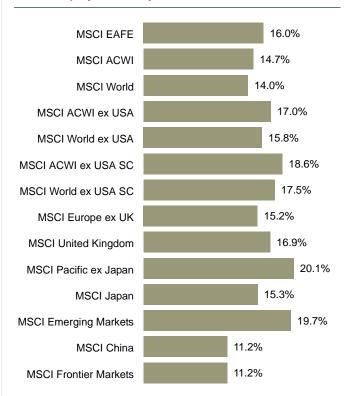
#### Potential tailwinds for value

- Higher interest rates on the heels of potentially higher inflation with government stimulus and businesses reopening
- Continued rebound of discretionary spending in areas neglected in 2020 as markets reopen: lodging, travel

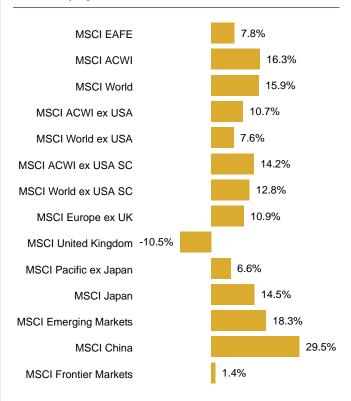
#### The good news

- Recent dollar weakness supports emerging markets.
- Could continue in 2021—wider U.S. fiscal deficit plus stronger emerging market currencies on the heels of higher growth

#### **Global Equity: Quarterly Returns**



#### **Global Equity: One-Year Returns**



Source: MSCI

#### **U.S. FIXED INCOME**

### Treasury yields rose

- The 10-year U.S. Treasury yield closed 4Q20 at 0.93%, up 24 bps from 3Q20 but off from the year-end level of 1.92%.
- TIPS outperformed nominal U.S. Treasuries as 10-year breakeven spreads widened from 163 bps to 199 bps.
- No rate hikes are expected until at least 2023.

## **Bloomberg Barclays Aggregate gained slightly**

- Corporate credit outperformed treasuries as investors continued to hunt for yield.
- Corporate credit ended the year up 9.9% despite record issuance in 2020.

## High yield bonds gained on the quarter as rally extended

- High yield bonds outperformed IG in 4Q, returning 6.5%, but trailed IG for the year.
- Leveraged loans gained 3.8% as demand remained strong to finish the year.

## Munis boosted by favorable supply/demand dynamics

- Municipals outperformed Treasuries for the quarter, but remained down for the year.
- Tax-exempt issuance was muted amid strong demand.
- Lower quality outperformed for the quarter; however, higher quality outperformed for the year.

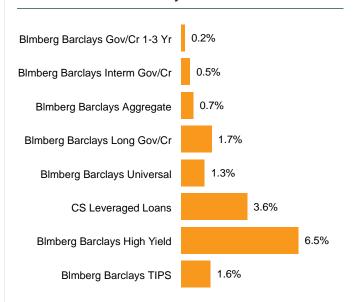
## U.S. credit attractive to non-U.S. investors

- Central banks globally are adopting a "lower for longer" mindset toward rates.
- 89% of positive yields globally are in the U.S., spurring demand for U.S. corporate credit.
- Lower LIBOR rates have decreased currency hedging costs; combined with a steep Treasury curve, that makes U.S. credit attractive to non-U.S. investors.

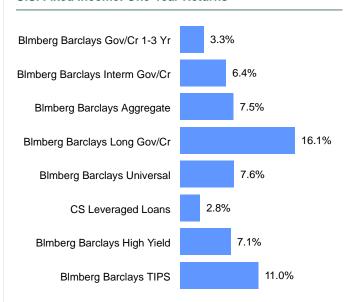
## Implications of U.S. rates rising in 4Q

- U.S. Treasury rates rose in 4Q, most notably in the intermediate and long portions of the yield curve.
- As Democrats won both seats in the Georgia run-off, greater fiscal stimulus is likely. This may lead to further steepening of the yield curve and increased inflation expectations.
- A rising rate environment opens opportunities for floating-rate securities like leveraged loans, and makes securities with shorter durations such as securitized credit more attractive.

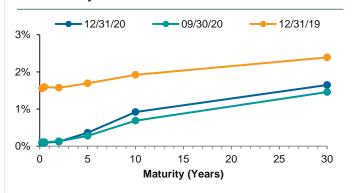
### U.S. Fixed Income: Quarterly Returns



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



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



Sources: Bloomberg, Bloomberg Barclays, Credit Suisse



### **GLOBAL FIXED INCOME**

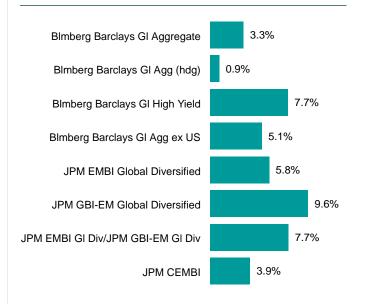
## Global fixed income rose amid monetary backdrop

- Low rates and asset purchase programs continued to prop up the global bond market.
- Broad-based U.S. dollar weakness resulting from continued confidence in risk assets dampened hedged returns as the USD lost 4.27% versus the euro, 5.43% versus the British pound, and 2.02% versus the yen.

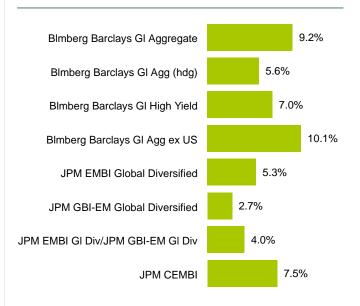
## Emerging market debt ended the year positive

- Emerging market debt indices gained in 4Q20, finishing the year in positive territory amid a global search for yield and renewed growth expectations.
- U.S. dollar-denominated index (EMBI Global Diversified) underperformed local currency emerging market debt as U.S. rates rose; returns were mixed across the 70+ constituents.
- Local currency index (GBI-EM Global Diversified) was up significantly, with broad-based gains across constituents.

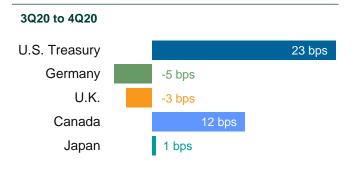
### Global Fixed Income: Quarterly Returns



### Global Fixed Income: One-Year Returns



## Change in 10-Year Global Government Bond Yields

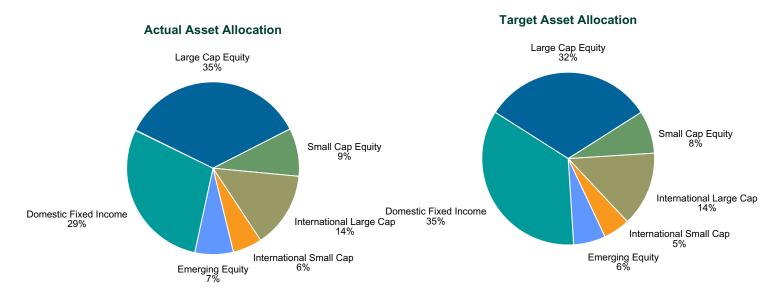


Sources: Bloomberg, Bloomberg Barclays, JP Morgan



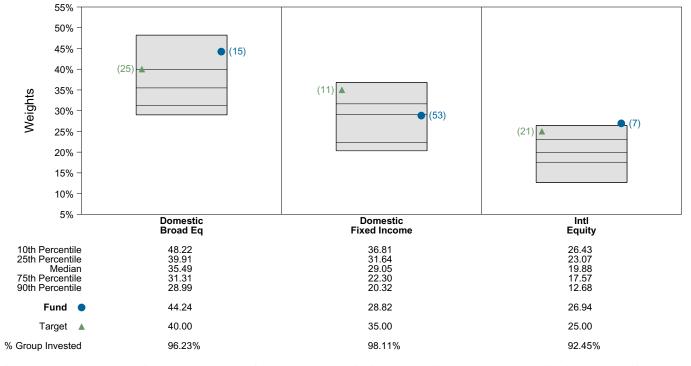
## Actual vs Target Asset Allocation As of December 31, 2020

The top left chart shows the Fund's asset allocation as of December 31, 2020. 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 Callan Public Fund Spons- Mid (100M-1B).



	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Large Cap Equity	122,217	35.2%	32.0%	3.2%	11,185
Small Cap Equity	31,276	9.0%	8.0%	1.0%	3,518
International Large Cap	49,217	14.2%	14.0%	0.2%	640
International Small Cap	19,210	5.5%	5.0%	0.5%	1,861
Emerging Equity .	25,051	7.2%	6.0%	1.2%	4,232
Domestic Fixed Income	100,003	28.8%	35.0%	(6.2%)	(21,438)
Total	346,974	100.0%	100.0%		

## Asset Class Weights vs Callan Public Fund Spons- Mid (100M-1B)



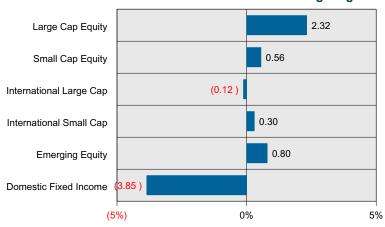
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small Cap.



## **Quarterly Total Fund Relative Attribution - December 31, 2020**

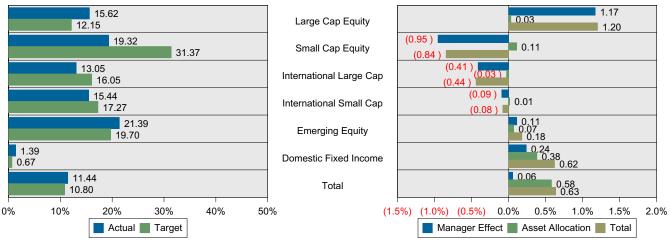
The following analysis approaches Total Fund Attribution from the perspective of relative return. Relative return attribution separates and quantifies the sources of total fund excess return relative to its target. This excess return is separated into two relative attribution effects: Asset Allocation 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 December 31, 2020

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	34%	32%	15.62%	12.15%	1.17%	0.03%	1.20%
Small Cap Equity	9%	8%	19.32%	31.37%	(0.95%)	0.11%	(0.84%)
International Large Cap	o 14%	14%	13.05%	16.05%	(0.41%)	(0.03%)	(0.44%)
International Small Car	5%	5%	15.44%	17.27%	(0.09%)	`0.01%´	(0.08%)
Emerging Equity	7%	6%	21.39%	19.70%	0.11%	0.07%	0.18%
Domestic Fixed Income	e 31%	35%	1.39%	0.67%	0.24%	0.38%	0.62%
Total			11.44% =	10.80%	+ 0.06% +	0.58%	0.63%

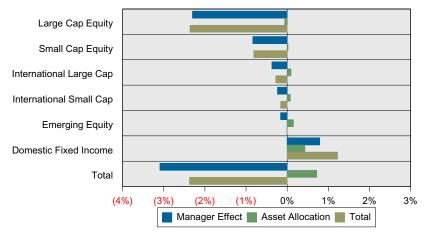
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small Cap.



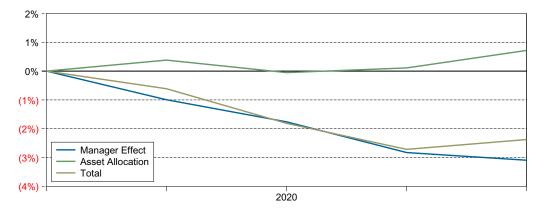
## **Cumulative Total Fund Relative Attribution - December 31, 2020**

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 33%	Effective Target Weight 32%	Actual Return 11.03%	Target Return 18.40%	Manager Effect (2.30%)	Asset Allocation (0.06%)	Total Relative Return (2.36%)
Small Cap Equity International Large Ca	8% ap 14%	8% 14%	11.67% 5.71%	19.96% 7.82%	(0.84%) (0.37%)	`0.02%´ 0.09%	(0.81%) (0.28%)
International Small Ca	ip 5%	5%	7.35%	12.34%	(0.24%)	0.08%	(0.16%)
Emerging Equity Domestic Fixed Incom	6% ne 34%	6% 35%	14.40% 9.92%	18.31% 7.51%	( <mark>0.16%)</mark> 0.79%	0.15% 0.43%	(0.01%) 1.22%
Total			11.45% =	= 13.82%	+ (3.09%) +	0.72%	(2.38%)

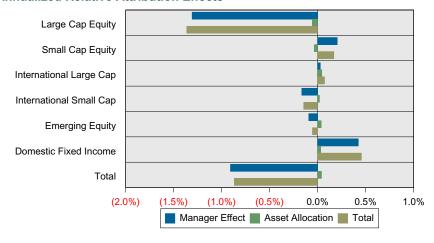
<sup>\*</sup> Current Quarter Target = 35.0% Blmbg Aggregate, 32.0% S&P 500 Index, 14.0% MSCI EAFE, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE



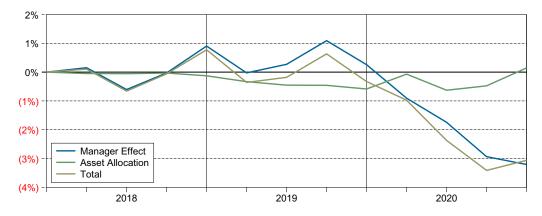
## **Cumulative Total Fund Relative Attribution - December 31, 2020**

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	33%	32%	9.94%	14.18%	(1.31%)	(0.06%)	(1.36%)
Small Cap Equity	9%	8%	13.13%	10.25%	0.20%	(0.04%)	`0.17%´
International Large Ca	p 13%	14%	4.70%	4.28%	0.03%	0.04%	0.07%
International Small Ca	p 5%	5% 6%	1.52%	4.85%	(0.16%)	0.02%	(0.14%)
Emerging Equity	6%	6%	4.37%	6.18%	(0.09%)	0.04%	(0.05%)
Domestic Fixed Incom	e 35%	35%	6.61%	5.34%	0.42%	0.03%	0.46%
Total			8.06% =	8.93%	+ (0.91%) +	0.04%	(0.87%)

<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 and 5.0% MSCI EAFE



## Total Fund Period Ended December 31, 2020

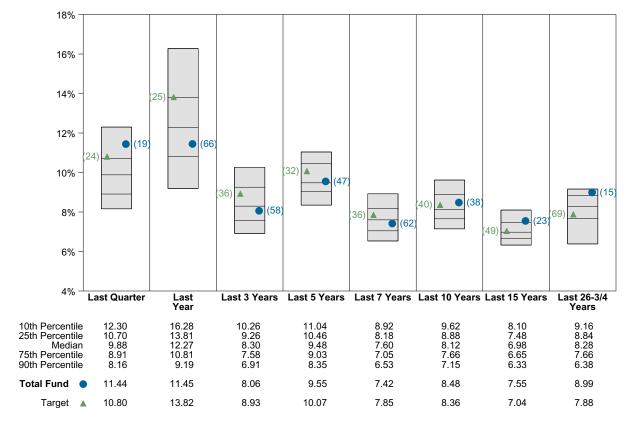
### **Investment Philosophy**

\* 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 and 5.0% MSCI EAFE Small Cap.

## **Quarterly Summary and Highlights**

- Total Fund's portfolio posted a 11.44% return for the quarter placing it in the 19 percentile of the Callan Public Fund Spons- Mid (100M-1B) group for the quarter and in the 66 percentile for the last year.
- Total Fund's portfolio outperformed the Target by 0.63% for the quarter and underperformed the Target for the year by 2.38%.

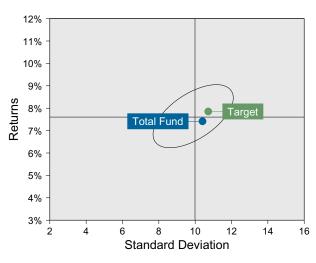
## Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)



## Relative Return vs Target



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

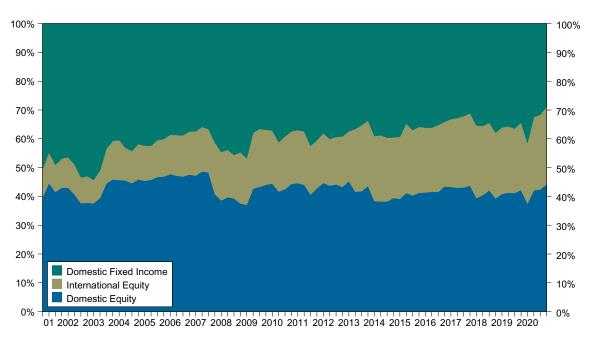




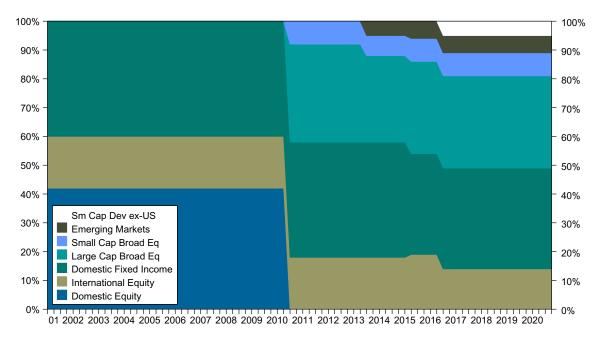
## **Actual vs Target Historical Asset Allocation**

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 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 December 31, 2020, with the distribution as of September 30, 2020. 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**

	December 31, 2020			September 30, 2020
	Market Value	Net New Inv.	Inv. Return	Market Value
Consolidated Plan				
Domestic Equity	\$153,493,636	\$(339,594)	\$21,584,347	\$132,248,883
Large Cap	\$122,217,215	\$(339,594)	\$16,520,106	\$106,036,703
Boston Partners	59,656,118	0	9,732,890	49,923,228
SSgA S&P 500	62,561,097	(339,594)	6,787,216	56,113,475
Small Cap	\$31,276,420	\$0	\$5,064,241	\$26,212,180
Atlanta Capital	31,276,420	0	5,064,241	26,212,180
International Equity	\$93,477,859	\$0	\$12,607,354	\$80,870,505
International Large Cap	\$49.216.913	\$0	\$5.682.814	\$43,534,099
SSgA EAFE	16,638,287	0	2.305.775	14,332,512
Pyrford	32,578,626	0	3,377,040	29,201,587
International Small Cap	\$19.210.188	\$0	\$2.534.711	\$16.675.477
AQR	19,210,188	0	2,534,711	16,675,477
Emerging Equity	\$25,050,758	\$0	\$4,389,829	\$20,660,929
DFA Emerging Markets	25,050,758	0	4,389,829	20,660,929
Fixed Income	\$100,002,908	\$0	\$1,370,518	\$98,632,389
Metropolitan West	100,002,908	0	1,370,518	98,632,389
Total Plan - Consolidated	\$346,974,402	\$(339,594)	\$35,562,219	\$311,751,778



## Sacramento Regional Transit District Asset Growth

Ending December 31, 2020 (\$ Thousands)	Ending Market Value	Beginning Market = Value	Net New + Investment	Investment + Return
Total Plan				
1/4 Year Ended 12/2020	346,974.4	311,751.8	(339.6)	35,562.2
1/4 Year Ended 9/2020	311,751.8	299,942.5	(1,344.8)	13,154.1
1/4 Year Ended 6/2020	299,942.5	268,251.1	(1,217.2)	32,908.6
1/4 Year Ended 3/2020	268,251.1	315,424.7	(567.1)	(46,606.5)
1/4 Year Ended 12/2019	315,424.7	301,283.6	(1,479.0)	15,620.2
1/4 Year Ended 9/2019	301,283.6	298,139.2	(1,322.2)	4,466.6
1/4 Veen Foded 0/2010	200 420 2	200 020 0	(4 444 4)	40 220 6
1/4 Year Ended 6/2019 1/4 Year Ended 3/2019	298,139.2 289.020.0	289,020.0 269,114.0	(1,111.4) (1,021.9)	10,230.6 20.927.9
1/4 Year Ended 3/2019	269,114.0	292,722.5	(1,066.5)	(22,541.9)
1/4 Year Ended 9/2018	292,722.5	284,083.7	(1,081.0)	9,719.8
1/4 Year Ended 6/2018	284,083.7	284,995.0	(1,267.6)	356.3
1/4 Year Ended 3/2018	284,995.0	288,314.8	(1,267.6)	(2,136.5)
1/4 Year Ended 12/2017	288,314.8	277,835.6	(1,419.7)	11,899.0
1/4 Year Ended 9/2017	277,835.6	270,017.7	(1,582.3)	9,400.2
1/4 Year Ended 6/2017	270 017 7	262 490 7	(1.140.1)	7.077.1
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 3/2017 1/4 Year Ended 12/2016	253,159.1	251,635.0	(1,139.0)	2,663.2
1/4 Year Ended 9/2016	251,635.0	244,029.2	(937.8)	8,543.5
1/4 Year Ended 6/2016	244,029.2	240,502.3	(684.5)	4,211.5
1/4 Year Ended 3/2016	240,502.3	238,289.7	(450.0)	2,662.6



The table below details the rates of return for the Fund's investment managers over various time periods ended December 31, 2020. 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 December 31, 2020

	Last	Last Year	Last 3	Last 5	Last 7
Domostic Family	Quarter		Years	Years	Years
Domestic Equity	<b>16.35%</b>	<b>11.16%</b>	<b>10.62%</b>	13.19%	10.88%
Domestic Equity Benchmark**	15.83%	18.94%	13.49%	14.91%	12.29%
Large Cap Equity	15.62%	11.03%	9.94%	12.78%	10.68%
Boston Partners	19.50%	2.99%	5.39%	10.07%	8.23%
Russell 1000 Value Index	16.25%	2.80%	6.07%	9.74%	8.20%
SSgA S&P 500	12.15%	18.36%	14.17%	15.23%	12.95%
S&P 500 Index	12.15%	18.40%	14.18%	15.22%	12.92%
Small Cap Equity	19.32%	11.67%	13.13%	14.69%	11.62%
Atlanta Capital	19.32%	11.67%	13.13%	14.69%	11.62%
Russell 2000 Index	31.37%	19.96%	10.25%	13.26%	9.34%
International Equity	15.67%	8.48%	4.10%	8.21%	4.59%
International Benchmark***	17.23%	11.39%	4.96%	9.11%	5.10%
International Large Cap	13.05%	5.71%	4.70%	7.36%	4.35%
SSgA EAFE	16.09%	8.27%	4.69%	7.85%	4.76%
Pyrford	11.56%	4.09%	4.52%	_	-
MSCI EAFE Index	16.05%	7.82%	4.28%	7.45%	4.39%
International Small Cap	15.44%	7.35%	1.52%	-	-
AQR	15.44%	7.35%	1.52%	_	_
MSCI EAFE Small Cap Index	17.27%	12.34%	4.85%	9.40%	7.25%
Emerging Markets Equity	21.39%	14.40%	4.37%	12.02%	6.03%
DFA Emerging Markets	21.39%	14.40%	4.37%	12.02%	6.03%
MSCI Emerging Markets Index	19.70%	18.31%	6.18%	12.81%	6.17%
<b>Domestic Fixed Income</b>	1.39%	9.92%	6.61%	5.30%	4.76%
Met West	1.39%	9.92%	6.61%	5.30%	4.76%
Bloomberg Aggregate Index	0.67%	7.51%	5.34%	4.44%	4.09%
Total Plan	11.44%	44 450/	9.069/	0.559/	7 420/
		11.45%	8.06%	9.55%	<b>7.42%</b>
Target*	10.80%	13.82%	8.93%	10.07%	7.85%

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

The table below details the rates of return for the Fund's investment managers over various time periods ended December 31, 2020. 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 December 31, 2020

	Last 10	Last 15	Last 20	Last 26-3/4	
	Years	Years	Years	Years	
Domestic Equity	13.09%	9.80%	7.70%	-	
Domestic Equity Benchmark**	13.43%	9.78%	7.83%	10.52%	
Russell 1000 Value Index	10.50%	7.34%	6.82%	9.55%	
S&P 500 Index	13.88%	9.88%	7.47%	10.43%	
Russell 2000 Index	11.20%	8.91%	8.74%	9.49%	
International Equity	5.29%	4.49%	5.57%	-	
MSCI EAFE Index	5.51%	4.48%	4.50%	5.26%	
Domestic Fixed Income	4.76%	5.88%	5.84%	-	
Met West	4.76%	5.88%	-	-	
Bloomberg Aggregate Index	3.84%	4.49%	4.83%	5.47%	
Total Plan	8.48%	7.55%	6.81%	8.99%	
Target*	8.36%	7.04%	6.39%	7.88%	

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 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 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.

	2020	2019	2018	2017	2016
Domestic Equity	11.16%	27.71%	(4.64%)	19.78%	14.58%
Domestic Equity Benchmark**	18.94%	30.32%	(5.69%)	20.41%	13.85%
Large Cap Equity	11.03%	27.77%	(6.33%)	21.10%	13.38%
Boston Partners	2.99%	23.91%	(8.27%)	20.32%	14.71%
Russell 1000 Value Index	2.80%	26.54%	(8.27%)	13.66%	17.34%
SSgA S&P 500	18.36%	31.50%	(4.39%)	21.86%	12.03%
S&P 500 Index	18.40%	31.49%	(4.38%)	21.83%	11.96%
Small Cap Equity	11.67%	27.38%	1.78%	15.01%	19.17%
Atlanta Capital	11.67%	27.38%	1.78%	15.01%	19.17%
Russell 2000 Index	19.96%	25.52%	(11.01%)	14.65%	21.31%
International Equity	8.48%	20.83%	(42.020/)	28.25%	2.55%
International Equity International Benchmark***			(13.93%)		
International Benchmark****	11.39%	21.78%	(14.76%)	29.51%	3.26%
International Large Cap	5.71%	22.34%	(11.25%)	22.63%	1.35%
SSgA EAFE	8.27%	22.49%	(13.49%)	25.47%	1.37%
Pyrford	4.09%	22.30%	(10.31%)	-	-
MSCI EAFE Index	7.82%	22.01%	(13.79%)	25.03%	1.00%
International Small Cap	7.35%	21.73%	(19.94%)	33.76%	-
AQR	7.35%	21.73%	(19.94%)	33.76%	-
MSCI EAFE Small Cap Index	12.34%	24.96%	(17.89%)	33.01%	2.18%
Emerging Markets Equity	14.40%	16.64%	(14.80%)	37.32%	12.99%
DFA Emerging Markets	14.40%	16.64%	(14.80%)	37.32%	12.99%
MSCI Emerging Markets Index	18.31%	18.44%	(14.57%)	37.28%	11.19%
Domestic Fixed Income	9.92%	9.41%	0.75%	3.89%	2.87%
Met West	9.92%	9.41%	0.75%	3.89%	2.87%
Bloomberg Aggregate Index	7.51%	8.72%	0.01%	3.54%	2.65%
Total Plan	11.45%	19.25%	(5.05%)	16.14%	7.65%
Target*	13.82%	20.58%	(5.82%)	16.39%	7.40%

Returns are for annualized calendar years.

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

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.

	2015	2014	2013	2012	2011
Domestic Equity	0.06%	10.85%	36.44%	19.19%	2.08%
Domestic Equity Benchmark**	0.26%	12.07%	33.61%	16.09%	0.94%
Boston Partners	(3.75%)	11.87%	37.52%	21.95%	1.27%
Russell 1000 Value Index	(3.83%)	13.45%	32.53%	17.51%	0.39%
S&P 500 Index	1.38%	13.69%	32.39%	16.00%	2.11%
Russell 2000 Index	(4.41%)	4.89%	38.82%	16.35%	(4.18%)
International Equity	(4.17%)	(3.72%)	16.66%	17.28%	(10.64%)
MSCI EAFE Index	(0.81%)	(4.90%)	22.78%	17.32%	(12.14%)
Domestic Fixed Income	0.51%	6.37%	(1.03%)	9.48%	6.10%
Met West	0.51%	6.37%	(1.03%)	9.48%	6.10%
Bloomberg Aggregate Index	0.55%	5.97%	(2.02%)	4.21%	7.84%
Total Plan	(0.97%)	5.61%	17.71%	14.80%	1.22%
Target*	(0.71%)	5.82%	15.99%	11.68%	1.52%

Returns are for annualized calendar years.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 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 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 ended December 31, 2020. 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 December 31, 2020

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Net of Fee Returns	Quartor	1 oui	10010	10010	rouro
Domestic Equity	16.24%	10.78%	10.24%	12.78%	-
Domestic Equity Benchmark**	15.83%	18.94%	13.49%	14.91%	12.29%
Large Cap Equity	15.53%	10.79%	9.68%	12.50%	-
Boston Partners	19.34%	2.58%	4.88%	9.53%	7.68%
Russell 1000 Value Index	16.25%	2.80%	6.07%	9.74%	8.20%
SSgA S&P 500	12.13%	18.30%	14.12%	15.18%	12.89%
S&P 500 Index	12.15%	18.40%	14.18%	15.22%	12.92%
Small Cap Equity	19.08%	10.77%	12.25%	13.79%	-
Atlanta Capital	19.08%	10.77%	12.25%	13.79%	10.75%
Russell 2000 Index	31.37%	19.96%	10.25%	13.26%	9.34%
International Equity	15.52%	7.79%	3.48%	7.59%	-
International Equity Benchmark***	17.23%	11.39%	4.96%	9.11%	5.10%
International Large Cap	12.92%	5.18%	4.18%	6.83%	-
SSgA EAFE	16.06%	8.16%	4.58%	7.74%	4.66%
Pyrford	11.38%	3.37%	3.82%	-	-
MSCI EAFE Index	16.05%	7.82%	4.28%	7.45%	4.39%
International Small Cap	15.20%	6.44%	0.63%	-	-
AQR	15.20%	6.44%	0.63%	-	-
MSCI EAFE Small Cap Index	17.27%	12.34%	4.85%	9.40%	7.25%
Emerging Markets Equity	21.25%	13.85%	3.84%	11.42%	-
DFA Emerging Markets	21.25%	13.85%	3.84%	11.42%	5.44%
MSCI Emerging Markets Index	19.70%	18.31%	6.18%	12.81%	6.17%
Domestic Fixed Income	1.39%	9.70%	6.40%	5.06%	-
Met West	1.39%	9.70%	6.40%	5.06%	4.50%
Bloomberg Aggregate Index	0.67%	7.51%	5.34%	4.44%	4.09%
Total Plan	11.35%	11.06%	7.68%	9.15%	7.04%
Target*	10.80%	13.82%	8.93%	10.07%	7.85%

<sup>76%</sup> MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap 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 and 5.0% MSCI EAFE Small Cap.

<sup>\*\*</sup> Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

<sup>\*\*\*</sup> International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015,

## Domestic Equity Period Ended December 31, 2020

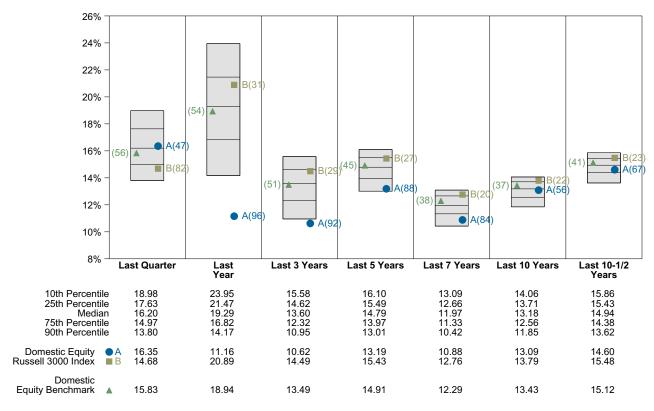
#### **Investment Philosophy**

Domestic Equity Benchmark = 80.95% S&P500 + 19.05% Russell 2000 until 6/30/2010, 80.95% S&P500 + 19.05% Russell 2500 until 6/30/2013, 81.08% S&P500 + 18.92% Russell 2000 until 4/30/2015, and 80% S&P500 + 20% Russell 2000 thereafter.

## **Quarterly Summary and Highlights**

- Domestic Equity's portfolio posted a 16.35% return for the quarter placing it in the 47 percentile of the Fund Spnsor -Domestic Equity group for the quarter and in the 96 percentile for the last year.
- Domestic Equity's portfolio outperformed the Domestic Equity Benchmark by 0.52% for the quarter and underperformed the Domestic Equity Benchmark for the year by 7.78%.

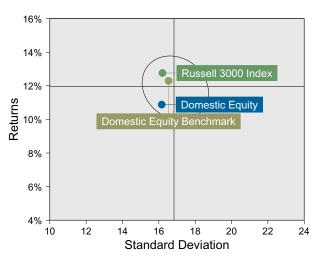
## Performance vs Fund Spnsor - Domestic Equity (Gross)



## Relative Returns vs Domestic Equity Benchmark

2% - 1% - 2014 2015 2016 2017 2018 2019 2020 - Domestic Equity

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





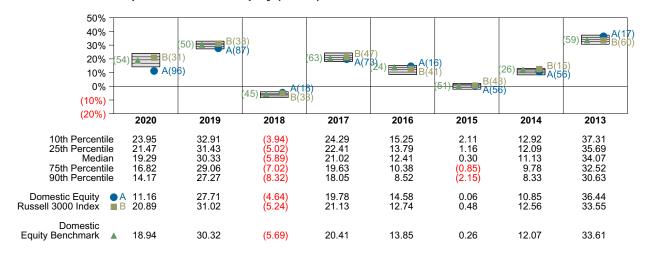
Relative Returns

## Domestic Equity Return Analysis Summary

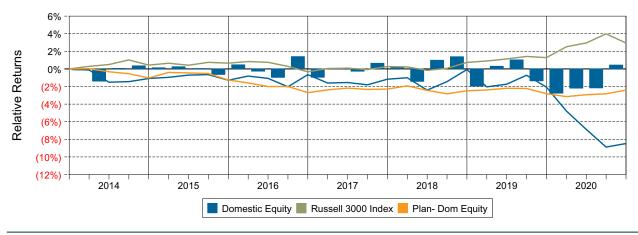
## **Return Analysis**

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.

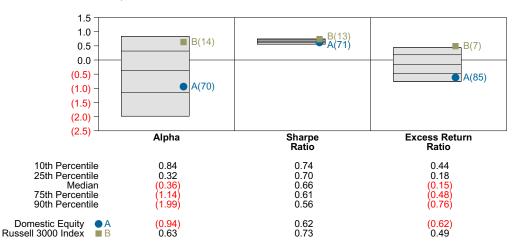
## Performance vs Fund Spnsor - Domestic Equity (Gross)



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



Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Fund Spnsor - Domestic Equity (Gross) Seven Years Ended December 31, 2020

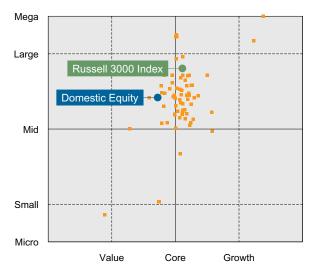




## Current Holdings Based Style Analysis Domestic Equity As of December 31, 2020

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.

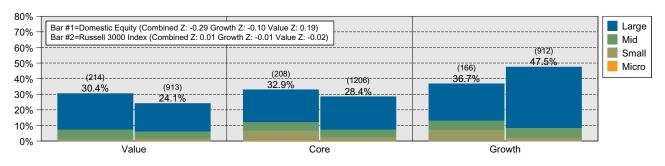
## Style Map vs Plan- Dom Equity Holdings as of December 31, 2020



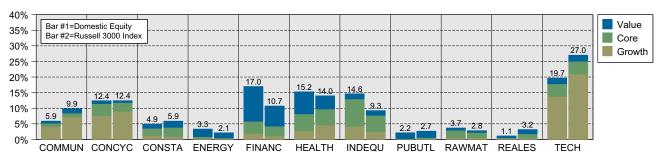
## Style Exposure Matrix Holdings as of December 31, 2020

	Value	Core	Growth	Total
	24.1% (913)	28.4% (1206)	47.5% (912)	100.0% (3031)
Total				
	30.4% (214)	32.9% (208)	36.7% (166)	100.0% (588)
	0.3% (391)	0.3% (390)	0.1% (129)	0.6% (910)
Micro				
	0.0% (0)	0.4% (2)	0.0% (0)	0.4% (2)
	1.4% (275)	2.4% (509)	2.2% (428)	6.0% (1212)
Small				
	1.3% (12)	6.5% (23)	7.2% (23)	15.0% (58)
	4.6% (158)	4.8% (204)	6.2% (244)	15.6% (606)
Mid				
	6.2% (114)	5.5% (79)	6.1% (58)	17.7% (251)
	17.8% (89)	21.0% (103)	38.9% (111)	77.7% (303)
Large	(**)	,	(**)	,
	22.9% (88)	20.6% (104)	23.4% (85)	66.9% (277)

## Combined Z-Score Style Distribution Holdings as of December 31, 2020



## Sector Weights Distribution Holdings as of December 31, 2020



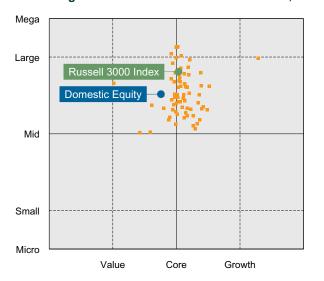


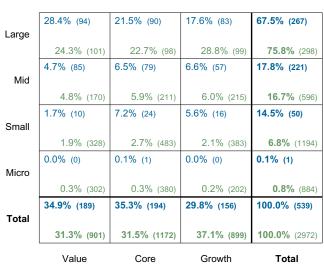
## Historical Holdings Based Style Analysis Domestic Equity For Five Years Ended December 31, 2020

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.

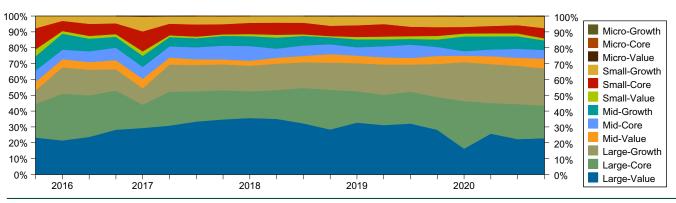
## Average Style Map vs Plan- Dom Equity Holdings for Five Years Ended December 31, 2020



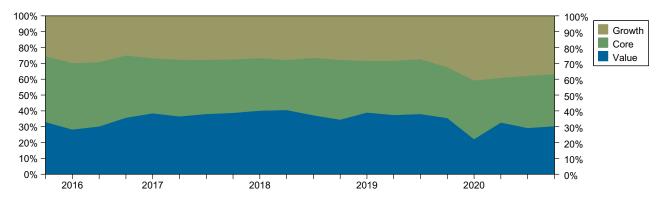




## **Domestic Equity Historical Cap/Style Exposures**



**Domestic Equity Historical Style Only Exposures** 



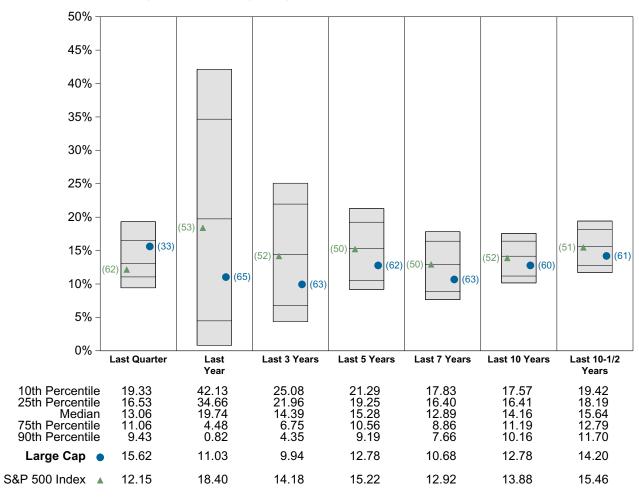


## Large Cap Period Ended December 31, 2020

## **Quarterly Summary and Highlights**

- Large Cap's portfolio posted a 15.62% return for the quarter placing it in the 33 percentile of the Callan Large Capitalization group for the quarter and in the 65 percentile for the last year.
- Large Cap's portfolio outperformed the S&P 500 Index by 3.47% for the quarter and underperformed the S&P 500 Index for the year by 7.37%.

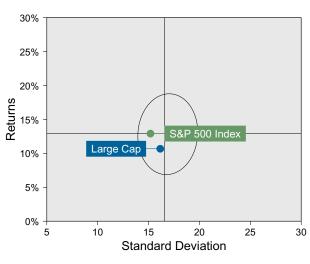
## Performance vs Callan Large Capitalization (Gross)



### Relative Return vs S&P 500 Index

## 

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



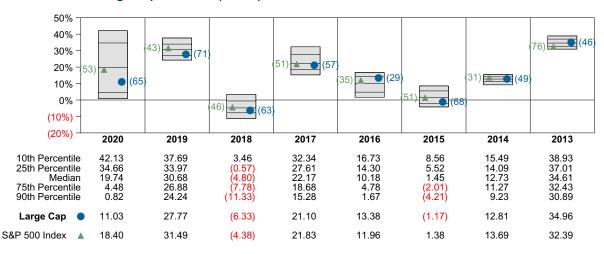


## Large Cap Return Analysis Summary

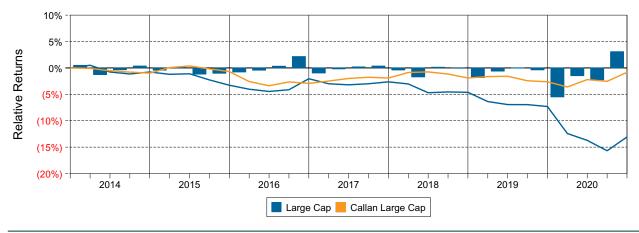
## **Return Analysis**

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.

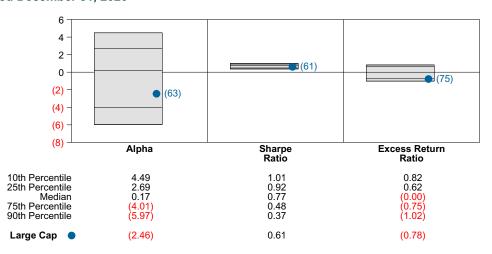
## Performance vs Callan Large Capitalization (Gross)



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



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against Callan Large Capitalization (Gross) Seven Years Ended December 31, 2020

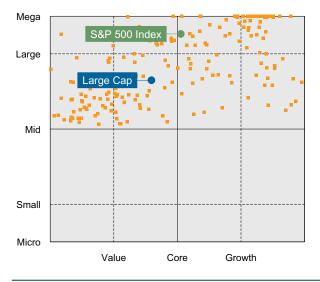




## Current Holdings Based Style Analysis Large Cap As of December 31, 2020

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.

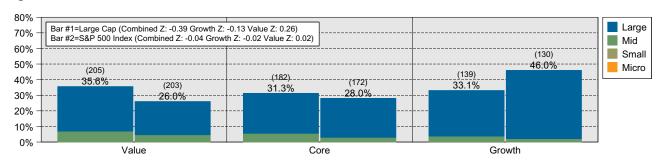
## Style Map vs Callan Large Cap Holdings as of December 31, 2020



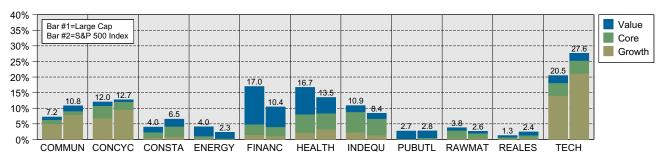
## Style Exposure Matrix Holdings as of December 31, 2020

	Value	Core	Growth	Total
Total	<b>26.0</b> % (203)	28.0% (172)	46.0% (130)	100.0% (505)
	35.6% (205)	31.3% (182)	33.1% (139)	100.0% (526)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	0.070 (0)	0.070 (0)	0.070 (0)	0.0 /0 (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Siliali	0.1% (6)	0.0% (2)	0.0% (2)	0.1% (10)
Small	0.0% (6)	0.0% (2)	0.2% (3)	0.2% (11)
	4.5% (109)	2.9% (70)	2.1% (44)	9.5% (223)
Mid	, ,	, ,	, ,	, ,
	6.9% (111)	5.5% (76)	3.6% (51)	16.0% (238)
Large	21.4% (88)	25.0% (100)	43.9% (84)	90.3% (272)
1	28.7% (88)	25.8% (104)	29.3% (85)	83.8% (277)

## Combined Z-Score Style Distribution Holdings as of December 31, 2020



## Sector Weights Distribution Holdings as of December 31, 2020



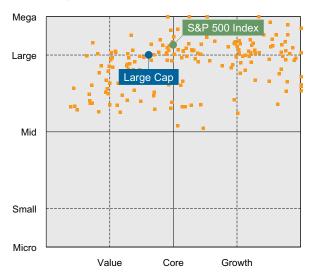


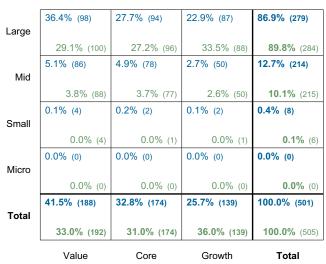
## Historical Holdings Based Style Analysis Large Cap For Five Years Ended December 31, 2020

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.

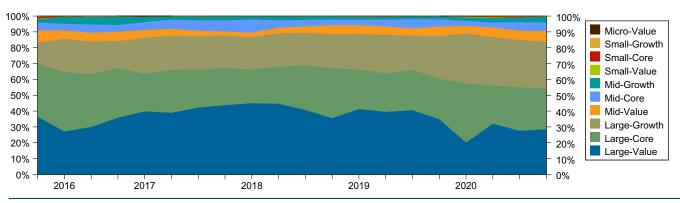
## Average Style Map vs Callan Large Cap Holdings for Five Years Ended December 31, 2020



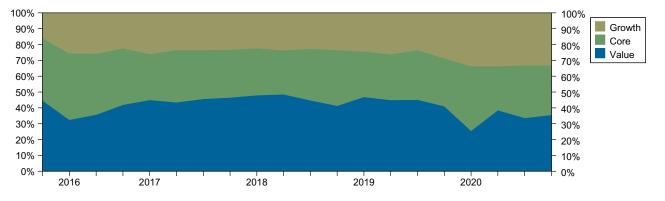




## Large Cap Historical Cap/Style Exposures



**Large Cap Historical Style Only Exposures** 





## SSgA S&P 500 Period Ended December 31, 2020

### **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.

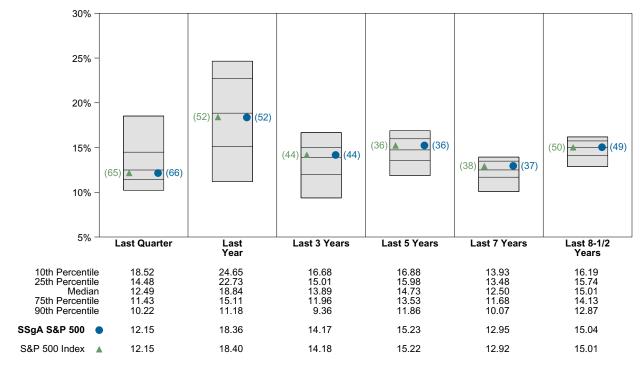
## **Quarterly Summary and Highlights**

- SSgA S&P 500's portfolio posted a 12.15% return for the quarter placing it in the 66 percentile of the Callan Large Cap Core group for the quarter and in the 52 percentile for the last year.
- SSgA S&P 500's portfolio underperformed the S&P 500 Index by 0.00% for the quarter and underperformed the S&P 500 Index for the year by 0.04%.

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

Beginning Market Value	\$56,113,475
Net New Investment	\$-339,594
Investment Gains/(Losses)	\$6,787,216
Ending Market Value	\$62,561,097

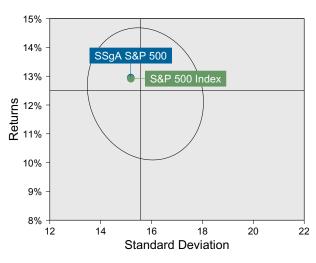
## Performance vs Callan Large Cap Core (Gross)



## Relative Return vs S&P 500 Index



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



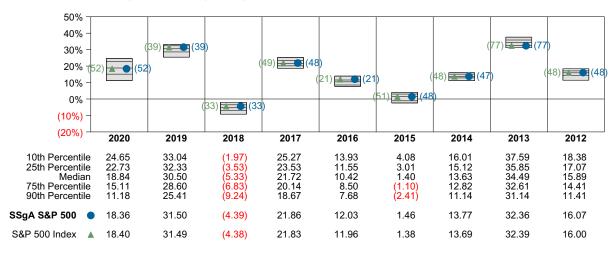


## SSgA S&P 500 Return Analysis Summary

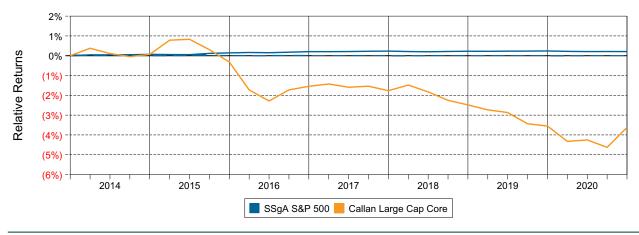
## **Return Analysis**

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.

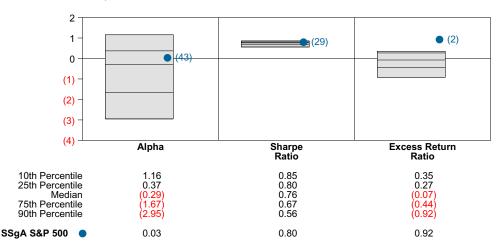
## Performance vs Callan Large Cap Core (Gross)



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



Risk Adjusted Return Measures vs S&P 500 Index Rankings Against Callan Large Cap Core (Gross) Seven Years Ended December 31, 2020



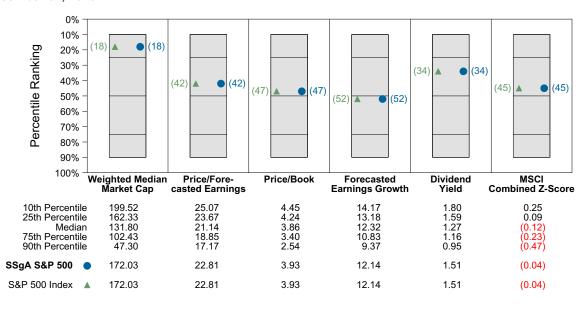


## SSgA S&P 500 Equity Characteristics Analysis Summary

### **Portfolio Characteristics**

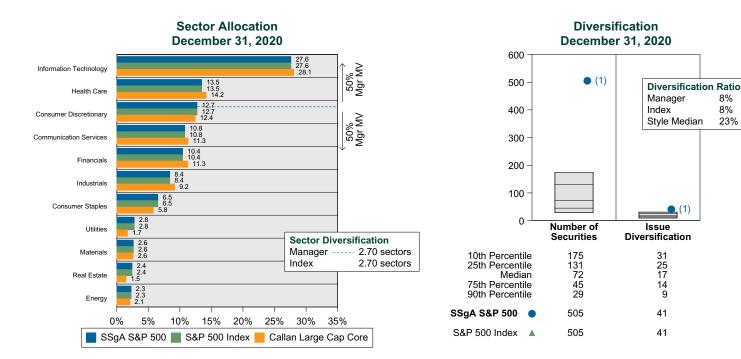
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Large Cap Core as of December 31, 2020



### **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.

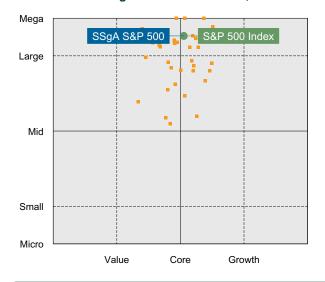




## Current Holdings Based Style Analysis SSgA S&P 500 As of December 31, 2020

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.

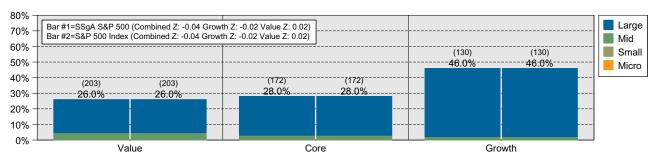
## Style Map vs Callan Large Cap Core Holdings as of December 31, 2020



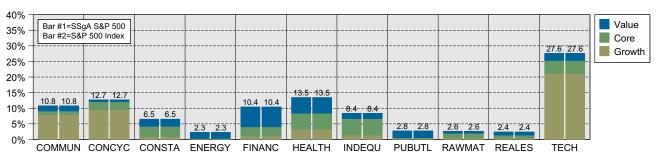
## Style Exposure Matrix Holdings as of December 31, 2020

	26.0% (203)	28.0% (172)	46.0% (130)	100.0% (505)
Total	26.0% (203)	28.0% (172)	46.0% (130)	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)
•	0.1% (6)	0.0% (2)	0.0% (2)	0.1% (10)
Small	0.1% (6)	0.0% (2)	0.0% (2)	0.1% (10)
	4.5% (109)	2.9% (70)	2.1% (44)	9.5% (223)
Mid				
	4.5% (109)	2.9% (70)	2.1% (44)	9.5% (223)
Large	21.4% (88)	25.0% (100)	43.9% (84)	90.3% (272)
Large	21.4% (88)	25.0% (100)	43.9% (84)	90.3% (272)

## Combined Z-Score Style Distribution Holdings as of December 31, 2020



## Sector Weights Distribution Holdings as of December 31, 2020





## Boston Partners Period Ended December 31, 2020

### **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.

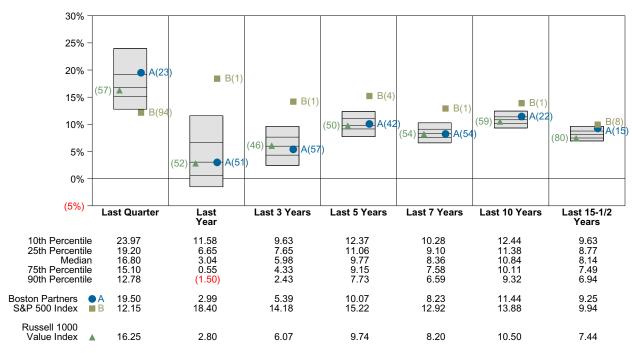
## **Quarterly Summary and Highlights**

- Boston Partners's portfolio posted a 19.50% return for the quarter placing it in the 23 percentile of the Callan Large Cap Value group for the quarter and in the 51 percentile for the last year.
- Boston Partners's portfolio outperformed the Russell 1000 Value Index by 3.25% for the quarter and outperformed the Russell 1000 Value Index for the year by 0.20%.

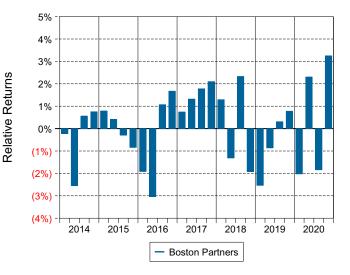
## **Quarterly Asset Growth**

Beginning Market Value	\$49,923,228
Net New Investment	\$-0
Investment Gains/(Losses)	\$9,732,890
Ending Market Value	\$59,656,118

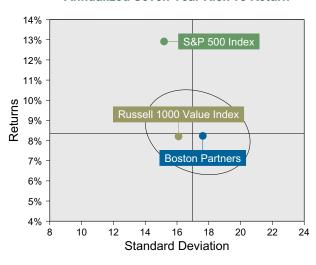
## Performance vs Callan Large Cap Value (Gross)



### Relative Return vs Russell 1000 Value Index



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



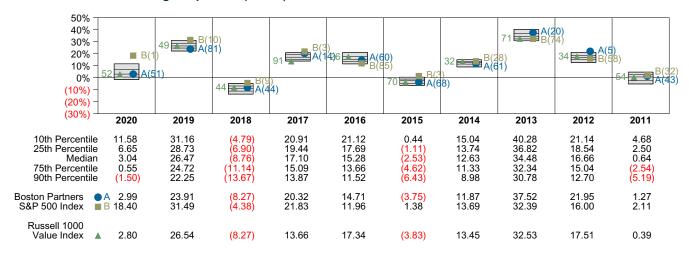


## Boston Partners Return Analysis Summary

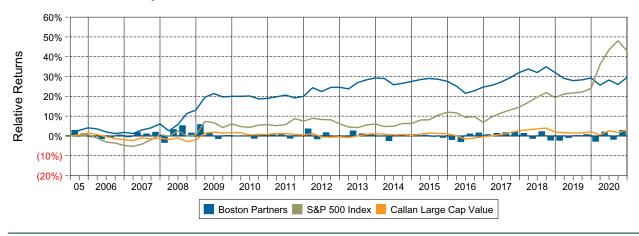
## **Return Analysis**

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.

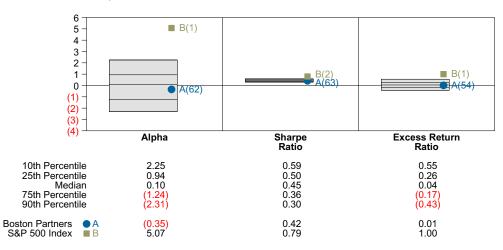
## Performance vs Callan Large Cap Value (Gross)



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



Risk Adjusted Return Measures vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended December 31, 2020



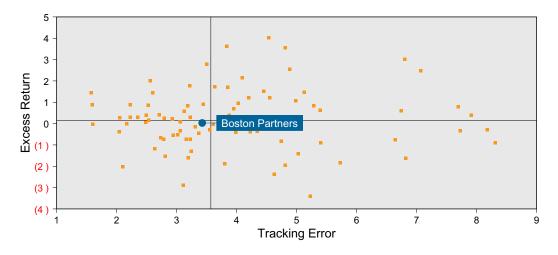


## **Boston Partners Risk Analysis Summary**

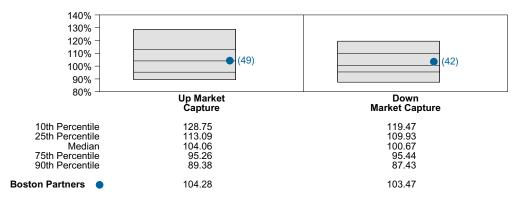
#### **Risk Analysis**

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.

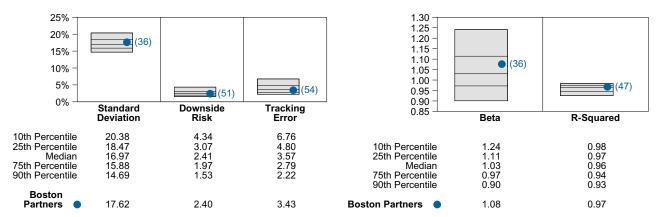
## Risk Analysis vs Callan Large Cap Value (Gross) Seven Years Ended December 31, 2020



Market Capture vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended December 31, 2020



Risk Statistics Rankings vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended December 31, 2020



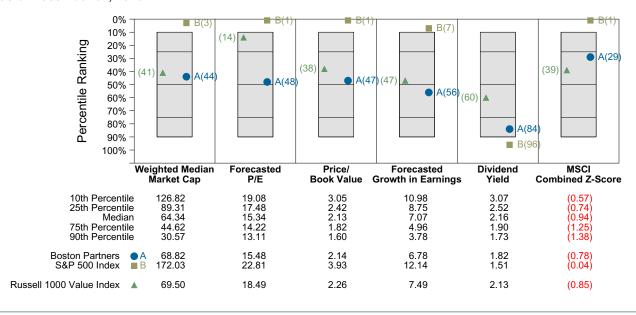


## Boston Partners Equity Characteristics Analysis Summary

### **Portfolio Characteristics**

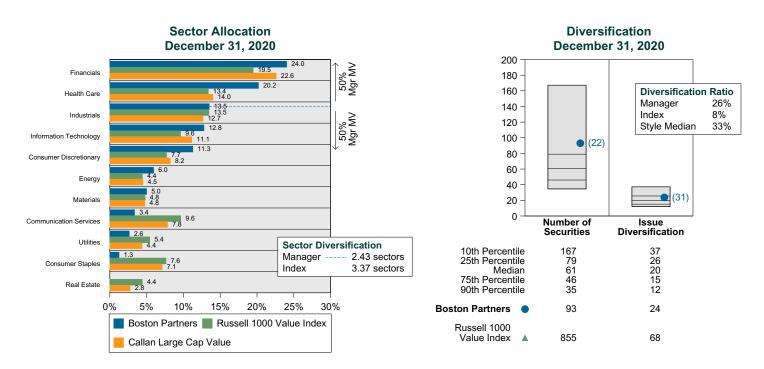
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Large Cap Value as of December 31, 2020



### **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.

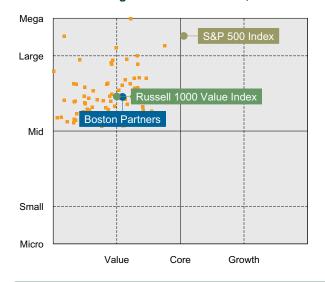




## Current Holdings Based Style Analysis Boston Partners As of December 31, 2020

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.

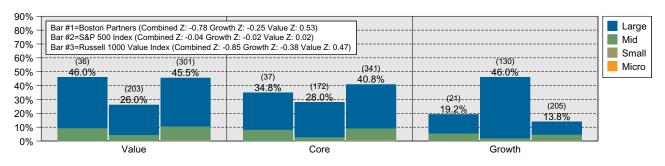
## Style Map vs Callan Large Cap Value Holdings as of December 31, 2020



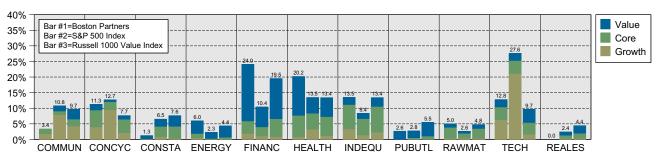
## Style Exposure Matrix Holdings as of December 31, 2020

	Value	Core	Growth	Total
	45.5% (301)	40.8% (341)	13.8% (205)	100.0% (847)
Total	26.0% (203)	28.0% (172)	46.0% (130)	100.0% (505)
	46.0% (36)	34.8% (37)	19.2% (21)	100.0% (94)
	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)
	1.0% (57)	1.2% (70)	0.6% (37)	2.8% (164)
Small	0.1% (6)	0.0% (2)	0.0% (2)	0.1% (10)
	0.0% (0)	0.0% (0)	0.4% (1)	0.4% (1)
	9.8% (155)	8.1% (175)	4.1% (120)	22.0% (450)
Mid	4.5% (109)	2.9% (70)	2.1% (44)	9.5% (223)
	9.4% (13)	8.3% (13)	5.3% (9)	22.9% (35)
	34.7% (89)	31.5% (96)	9.0% (48)	75.3% (233)
Large	21.4% (88)	25.0% (100)	43.9% (84)	90.3% (272)
	36.6% (23)	26.6% (24)	13.6% (11)	76.7% (58)

## Combined Z-Score Style Distribution Holdings as of December 31, 2020



## Sector Weights Distribution Holdings as of December 31, 2020

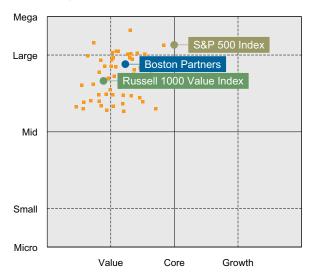




## Historical Holdings Based Style Analysis Boston Partners For Five Years Ended December 31, 2020

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.

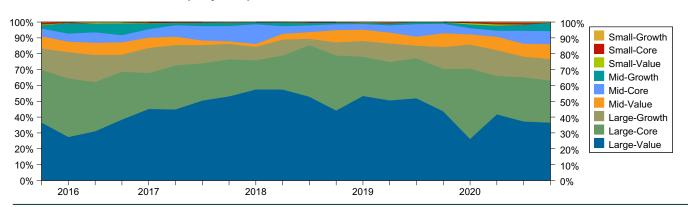
## Average Style Map vs Callan Large Cap Value Holdings for Five Years Ended December 31, 2020



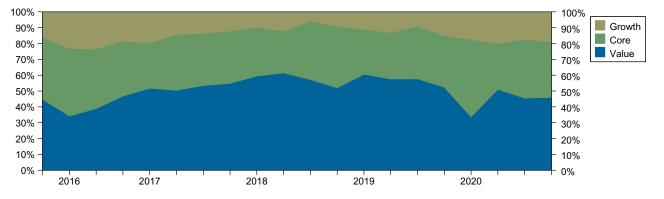
## Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2020

	Value	Core	Growth	Total
	58.3% (319)	34.1% (284)	7.6% (130)	<b>100.0%</b> (733)
Total	33.0% (192)	31.0% (174)	36.0% (139)	100.0% (505)
	50.5% (37)	34.5% (32)	15.0% (18)	100.0% (87)
	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)
	1.2% (61)	0.8% (47)	0.3% (20)	<b>2.3%</b> (128)
Small	0.0% (4)	0.0% (1)	0.0% (1)	0.1% (6)
	0.1% (0)	0.3% (1)	0.2% (1)	0.7% (2)
	9.6% (159)	7.7% (160)	2.9% (81)	<b>20.1%</b> (400)
Mid	3.8% (88)	3.7% (77)	2.6% (50)	10.1% (215)
	6.3% (9)	6.2% (10)	2.8% (4)	15.2% (23)
	47.5% (99)	25.7% (77)	4.4% (29)	<b>77.6%</b> (205)
Large	29.1% (100)	27.2% (96)	33.5% (88)	89.8% (284)
	44.1% (28)	28.0% (21)	12.0% (13)	84.1% (62)

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



**Boston Partners Historical Style Only Exposures** 





# Boston Partners vs Russell 1000 Value Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended December 31, 2020

lager Holdings with L	argest (+ or -) Contribution	i to renomia	ICE		Manager		Contrib Manager	Contrib Excess
		Manager	Days	Index		Index		
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
JPMorgan Chase & Co	Financials	4.04%	92	2.10%	33.17%	33.19%	1.27%	0.29
Micron Technology Inc	Information Technology	1.45%	92	0.41%	59.98%	60.09%	0.76%	0.37
Lam Research Corp	Information Technology	1.69%	92	-	42.72%	-	0.66%	0.39
Bank Amer Corp	Financials	2.54%	92	1.29%	26.60%	26.60%	0.64%	0.12
Chubb Limited	Financials	2.05%	92	0.39%	33.23%	33.23%	0.62%	0.22
Tapestry Inc	Consumer Discretionary	0.86%	92	0.04%	97.83%	98.85%	0.60%	0.42
Cigna Corp New	Health Care	2.61%	92	0.32%	22.89%	22.89%	0.59%	0.15
Applied Matls Inc	Information Technology	1.31%	92	-	45.59%	-	0.55%	0.34
American Intl Group Inc	Financials	1.56%	92	0.19%	38.72%	38.66%	0.54%	0.25
Marathon Pete Corp	Energy	1.17%	92	0.14%	42.98%	42.98%	0.46%	0.24

Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Contrib Index Perf	Contrib Excess Return
Disney Walt Co Com Disney	Communication Services	-	-	1.60%	-	46.02%	0.66%	(0.45)%
JPMorgan Chase & Co	Financials	4.04%	92	2.10%	33.17%	33.19%	0.64%	0.29%
Bank Amer Corp	Financials	2.54%	92	1.29%	26.60%	26.60%	0.32%	0.12%
General Electric Co	Industrials	-	-	0.48%	-	73.52%	0.27%	(0.21)%
Citigroup Inc	Financials	1.11%	92	0.65%	44.39%	44.79%	0.26%	0.11%
Berkshire Hathaway Inc Del CI E	New Financials	3.65%	92	2.62%	8.89%	8.89%	0.24%	(0.07)%
Honeywell International	Industrials	-	-	0.84%	-	29.82%	0.23%	(0.11)9
Exxon Mobil Corp	Energy	-	-	0.98%	-	22.90%	0.21%	(0.07)%
Micron Technology Inc	Information Technology	1.45%	92	0.41%	59.98%	60.09%	0.20%	0.37%
Comcast Corp A (New)	Communication Services	_	_	1.35%	-	13.86%	0.19%	0.01%

_			_				Contrib	Contrib
Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Manager Perf	Excess Return
Tapestry Inc	Consumer Discretionary	0.86%	92	0.04%	97.83%	98.85%	0.60%	0.42%
Lam Research Corp	Information Technology	1.69%	92	-	42.72%	-	0.66%	0.399
Micron Technology Inc	Information Technology	1.45%	92	0.41%	59.98%	60.09%	0.76%	0.379
Applied Matls Inc	Information Technology	1.31%	92	-	45.59%	-	0.55%	0.349
JPMorgan Chase & Co	Financials	4.04%	92	2.10%	33.17%	33.19%	1.27%	0.299
American Intl Group Inc	Financials	1.56%	92	0.19%	38.72%	38.66%	0.54%	0.25%
Verizon Communications Inc	Communication Services	-	-	1.54%	-	(0.20)%	-	0.249
Marathon Pete Corp	Energy	1.17%	92	0.14%	42.98%	42.98%	0.46%	0.24%
Intel Corp	Information Technology	-	-	1.29%	-	(3.09)%	-	0.249
Howmet Aerospace Inc	Industrials	0.63%	92	0.05%	62.75%	70.69%	0.36%	0.24%

•	gative Contribution to Ex						Contrib Manager	Contrib Excess
		Manager	Days	Index	Manager	Index		
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Disney Walt Co Com Disney	Communication Services	-	-	1.60%	-	46.02%	-	(0.45)%
Best Buy Inc	Consumer Discretionary	1.56%	92	0.13%	(9.90)%	(9.85)%	(0.13)%	(0.35)%
Autozone	Consumer Discretionary	2.01%	92	0.07%	0.71%	0.66%	0.01%	(0.30)%
Kroger Co	Consumer Staples	1.30%	92	0.16%	(5.82)%	(5.81)%	(0.08)%	(0.24)%
General Electric Co	Industrials	-	-	0.48%	-	73.52%	-	(0.21)%
Progressive Corp Ohio	Financials	1.77%	92	0.25%	4.54%	4.56%	0.05%	(0.21)%
Boeing Co	Industrials	0.90%	49	0.63%	8.61%	29.53%	0.09%	(0.19)%
Lennar Corp A	Consumer Discretionary	0.86%	92	0.13%	(6.40)%	(6.40)%	(0.06)%	(0.16)%
Lowes Cos Inc	Consumer Discretionary	0.82%	92	-	(2.34)%	-	(0.05)%	(0.16)%
Amerisourcebergen	Health Care	1.17%	92	0.05%	1.28%	1.28%	0.02%	(0.16)%



# Atlanta Capital Period Ended December 31, 2020

#### **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.

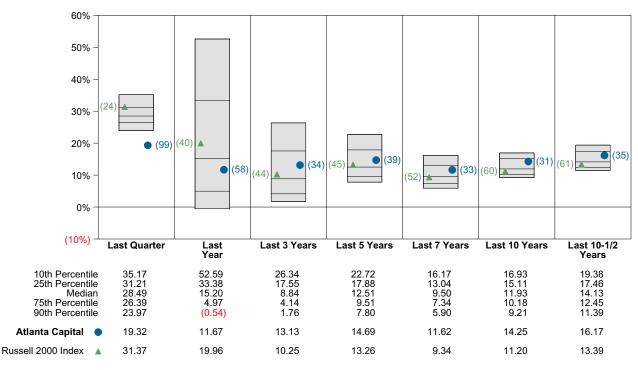
#### **Quarterly Summary and Highlights**

- Atlanta Capital's portfolio posted a 19.32% return for the quarter placing it in the 99 percentile of the Callan Small Capitalization group for the quarter and in the 58 percentile for the last year.
- Atlanta Capital's portfolio underperformed the Russell 2000 Index by 12.05% for the quarter and underperformed the Russell 2000 Index for the year by 8.29%.

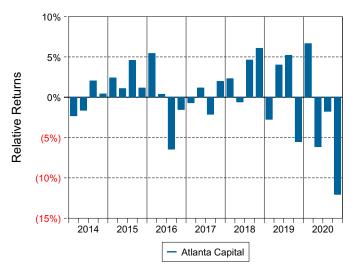
Quarterly	Asset	Growth
-----------	-------	--------

Beginning Market Value	\$26,212,180
Net New Investment	\$0
Investment Gains/(Losses)	\$5,064,241
Ending Market Value	\$31,276,420

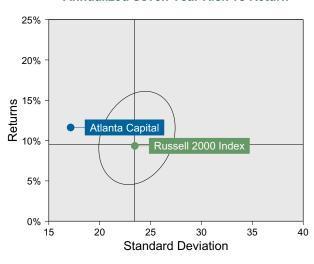
#### Performance vs Callan Small Capitalization (Gross)



#### Relative Return vs Russell 2000 Index



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



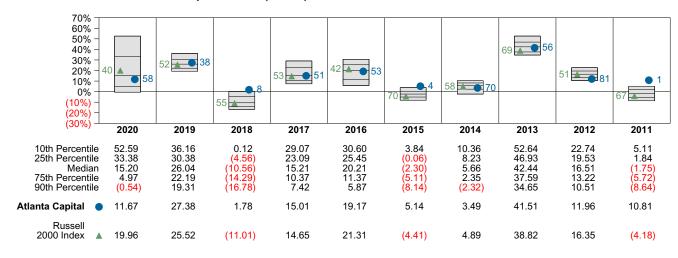


#### Atlanta Capital Return Analysis Summary

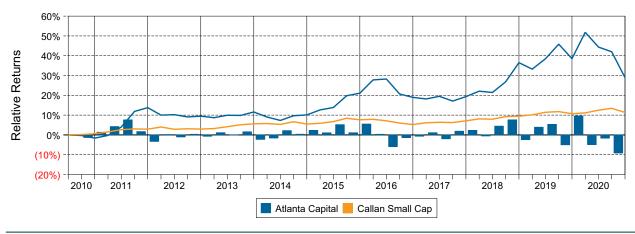
#### **Return Analysis**

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.

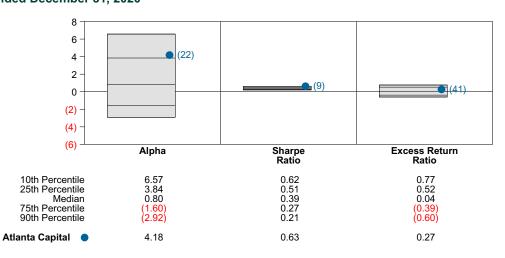
#### Performance vs Callan Small Capitalization (Gross)



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



Risk Adjusted Return Measures vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2020



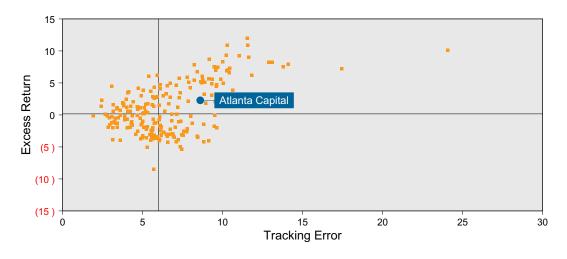


#### Atlanta Capital Risk Analysis Summary

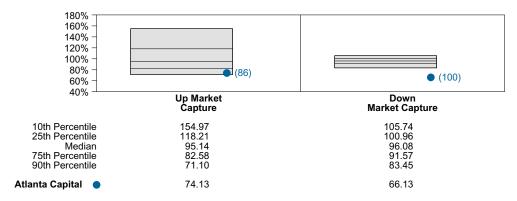
#### **Risk Analysis**

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.

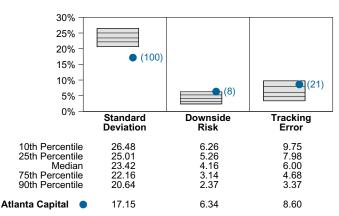
#### Risk Analysis vs Callan Small Capitalization (Gross) Seven Years Ended December 31, 2020

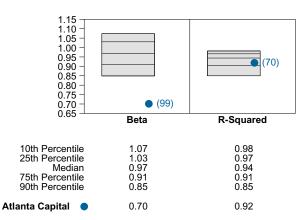


Market Capture vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2020



Risk Statistics Rankings vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2020





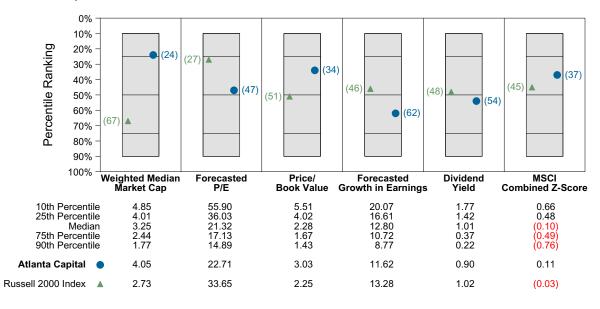


# Atlanta Capital Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

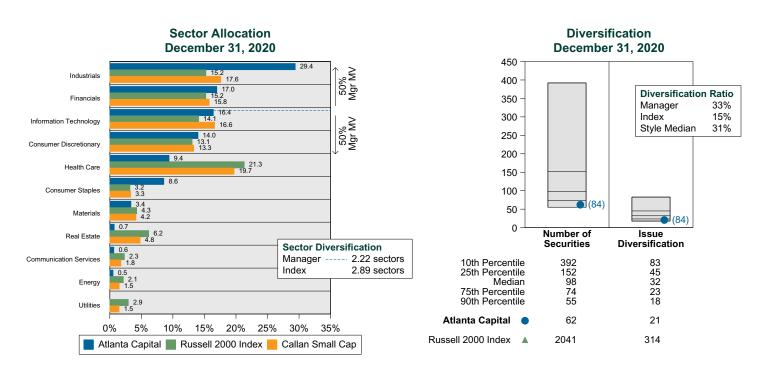
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Small Capitalization as of December 31, 2020



#### **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.

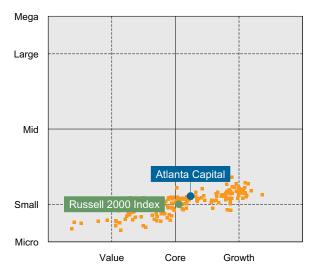




#### Current Holdings Based Style Analysis Atlanta Capital As of December 31, 2020

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.

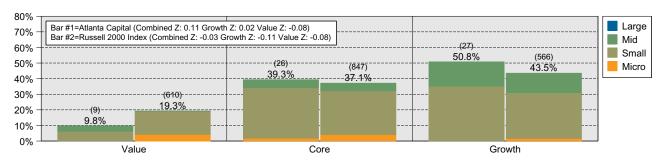
#### Style Map vs Callan Small Cap Holdings as of December 31, 2020



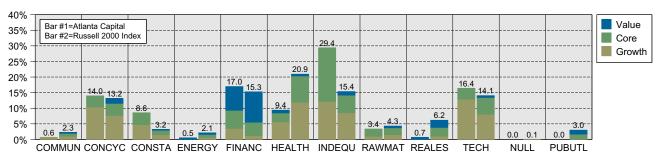
### Style Exposure Matrix Holdings as of December 31, 2020

	Value	Core	Growth	Total
· otal	19.3% (610)	37.1% (847)	43.5% (566)	100.0% (2023)
Total	9.8% (9)	39.3% (26)	50.8% (27)	100.0% (62)
	4.2% (390)	4.0% (390)	1.7% (129)	9.9% (909)
Micro	0.070 (0)	1.570 (2)	0.070 (0)	1.5 /6 (2)
	0.0% (0)	1.9% (2)	0.0% (0)	1.9% (2)
Small	14.8% (218)	28.1% (436)	29.3% (387)	72.3% (1041)
	6.2% (6)	32.2% (21)	35.1% (20)	73.4% (47)
	0.3% (2)	5.0% (21)	12.5% (50)	17.8% (73)
Mid	511 /6 (c)	(5)	(1)	, ( ,
	3.7% (3)	5.3% (3)	15.7% (7)	24.7% (13)
Large	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

### Combined Z-Score Style Distribution Holdings as of December 31, 2020



#### Sector Weights Distribution Holdings as of December 31, 2020

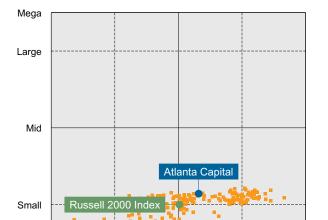




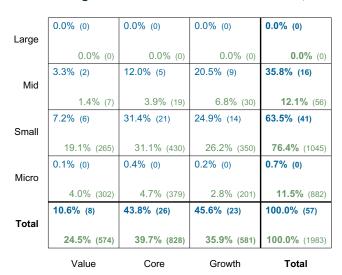
#### Historical Holdings Based Style Analysis Atlanta Capital For Five Years Ended December 31, 2020

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 Callan Small Cap Holdings for Five Years Ended December 31, 2020



#### Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2020

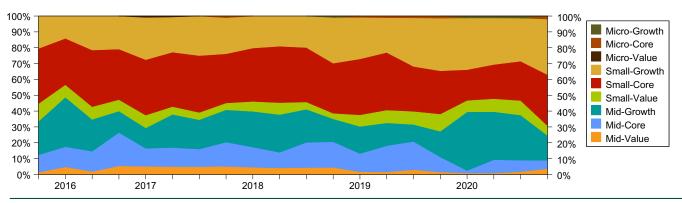


#### Atlanta Capital Historical Cap/Style Exposures

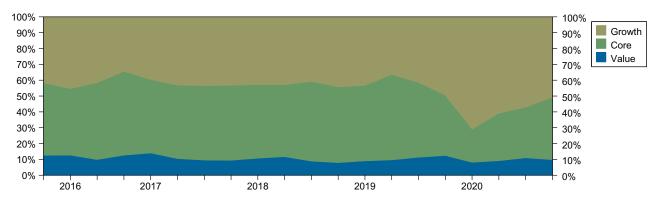
Core

Growth

Value



**Atlanta Capital Historical Style Only Exposures** 





Micro

# Atlanta Capital vs Russell 2000 Index Domestic Equity Top 10 Contribution Holdings One Quarter Ended December 31, 2020

	rgest (+ or -) Contributior			المعامية	Managar	ladav	Contrib	Contrib
Issue	Sector	Manager Eff Wt	Days Held	Index Eff Wt	Manager Return	Index Return	Manager Perf	Excess Return
Inter Parfums Inc	Consumer Staples	2.28%	92	0.04%	61.95%	61.95%	1.22%	0.53%
Pinnacle Finl Partners Inc	Financials	1.37%	92	-	81.59%	-	0.88%	0.469
Integra Lifesciences Hldgs C	Health Care	2.36%	92	-	37.48%	-	0.84%	0.179
Aci Worldwide, Inc.	Information Technology	1.89%	92	0.17%	47.07%	47.07%	0.79%	0.209
Choice Hotels Intl Inc	Consumer Discretionary	2.93%	92	-	24.16%	-	0.67%	(0.19)
Forward Air Corp	Industrials	2.03%	92	0.09%	34.28%	34.28%	0.63%	0.029
South St Corp	Financials	1.46%	92	0.21%	51.20%	51.20%	0.62%	0.149
Power Integrations Inc	Information Technology	1.41%	92	0.18%	47.99%	47.99%	0.60%	0.169
Beacon Roofing Supply Inc	Industrials	2.12%	92	0.09%	29.35%	29.35%	0.59%	(0.03)
Moog Inc CI A	Industrials	2.38%	92	0.10%	25.22%	25.22%	0.58%	(0.11)

		Manager	Days	Index	Manager	Index	Contrib Index	Contrib Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Plug Power Inc	Industrials	-	-	0.36%	-	152.87%	0.36%	(0.35)9
Myokardia Inc	Health Care	-	-	0.54%	-	65.04%	0.24%	$(0.23)^{\circ}$
li-Vi	Information Technology	-	-	0.27%	-	87.28%	0.18%	$(0.12)^{\circ}$
Appian Corp CI A	Information Technology	-	-	0.18%	-	150.33%	0.17%	$(0.19)^{\circ}$
Fate Therapeutics Inc	Health Care	-	-	0.20%	-	127.50%	0.17%	$(0.16)^{\circ}$
Darling Ingredients Inc	Consumer Staples	-	-	0.35%	-	60.09%	0.17%	$(0.08)^{\circ}$
Ultragenyx Pharmaceutical In	Health Care	-	-	0.32%	-	68.43%	0.17%	$(0.08)^{\circ}$
Arrowhead Pharmaceuticals Inc	Health Care	-	-	0.29%	-	78.19%	0.17%	$(0.09)^{\circ}$
Cleveland-Cliffs Inc	Materials	-	-	0.18%	-	126.79%	0.16%	$(0.12)^{\circ}$
Denali Therapeutics Inc	Health Care	-	_	0.17%	-	133.77%	0.15%	(0.12)

J							Contrib	Contrib
		Manager	Days	Index	Manager	Index	Manager	Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Inter Parfums Inc	Consumer Staples	2.28%	92	0.04%	61.95%	61.95%	1.22%	0.53%
Pinnacle Finl Partners Inc	Financials	1.37%	92	-	81.59%	-	0.88%	0.46%
Aci Worldwide, Inc.	Information Technology	1.89%	92	0.17%	47.07%	47.07%	0.79%	0.20%
Huron Consulting Group Inc	Industrials	1.15%	92	0.05%	49.89%	49.89%	0.54%	0.19%
Raven Inds Inc	Industrials	0.95%	92	0.04%	53.76%	53.76%	0.46%	0.189
Integra Lifesciences Hldgs C	Health Care	2.36%	92	-	37.48%	-	0.84%	0.179
Power Integrations Inc	Information Technology	1.41%	92	0.18%	47.99%	47.99%	0.60%	0.169
Sunrun	Industrials	-	-	0.41%	-	(9.98)%	-	0.149
South St Corp	Financials	1.46%	92	0.21%	51.20%	51.20%	0.62%	0.149
Woodward Inc	Industrials	0.61%	71	-	46.56%	-	0.35%	0.149

sitions with Largest Neg							Contrib	Contrib
		Manager	Days	Index	Manager		Manager	Excess
Issue	Sector	Eff Wt	Held	Eff Wt	Return	Return	Perf	Return
Dorman Products Inc	Consumer Discretionary	2.84%	92	0.11%	(3.94)%	(3.94)%	(0.10)%	(0.89)%
Emergent Biosolutions Inc	Health Care	1.77%	92	0.19%	(13.29)%	(13.29)%	(0.29)%	(0.71)9
Columbia Sportswear Co	Consumer Discretionary	2.36%	92	-	0.46%	-	(0.01)%	(0.67)
Kinsale Cap Group Inc	Financials	3.11%	92	0.21%	5.27%	5.27%	0.22%	(0.64)%
Caseys General Stores	Consumer Staples	2.05%	92	-	0.74%	-	0.02%	(0.57)
Manhattan Associates	Information Technology	2.96%	92	-	10.15%	-	0.31%	(0.53)%
Simpson Manufacturing Co Inc	Industrials	1.80%	92	0.19%	(3.82)%	(3.82)%	(0.08)%	(0.53)%
Corelogic Inc	Industrials	3.20%	92	-	14.75%	-	0.45%	(0.52)%
Fti Consulting	Industrials	1.86%	92	-	5.43%	-	0.09%	(0.44)%
Silgan Holdings Inc	Materials	1.45%	92	-	1.20%	-	0.00%	(0.41)9



# International Equity Period Ended December 31, 2020

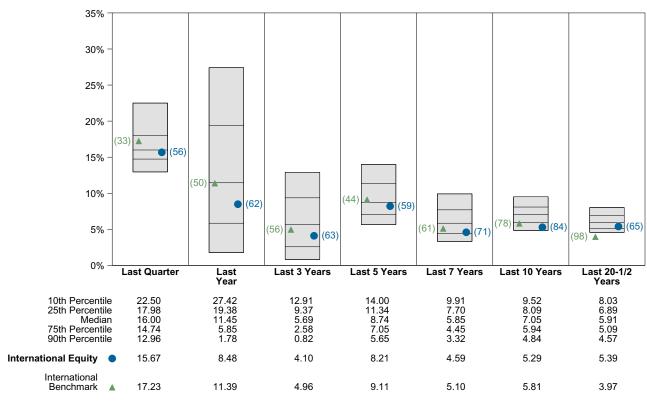
#### **Investment Philosophy**

International Benchmark = MSCI EAFE until 6/30/2013, 78.26% MSCI EAFE + 21.74% MSCI EM until 4/30/2015, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20% MSCI EAFE Small Cap thereafter.

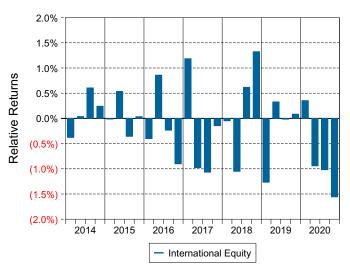
#### **Quarterly Summary and Highlights**

- International Equity's portfolio posted a 15.67% return for the quarter placing it in the 56 percentile of the Callan Non-US Equity group for the quarter and in the 62 percentile for the last year.
- International Equity's portfolio underperformed the International Benchmark by 1.56% for the quarter and underperformed the International Benchmark for the year by 2.90%.

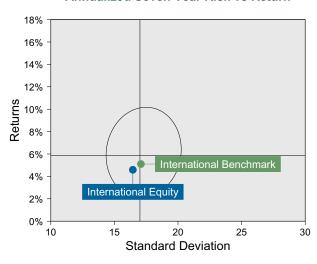
#### Performance vs Callan Non-US Equity (Gross)



#### **Relative Return vs International Benchmark**



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



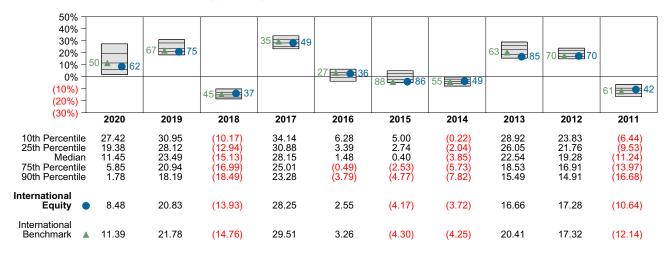


# International Equity Return Analysis Summary

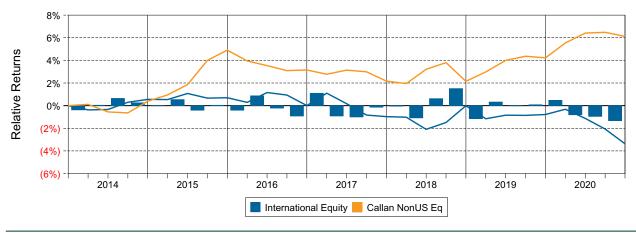
#### **Return Analysis**

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.

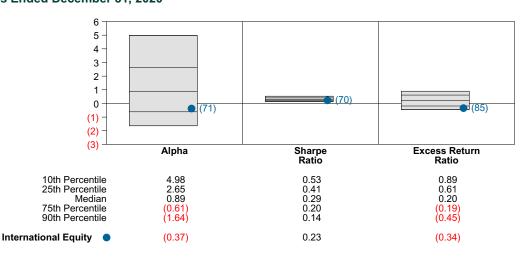
#### Performance vs Callan Non-US Equity (Gross)



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



Risk Adjusted Return Measures vs International Benchmark Rankings Against Callan Non-US Equity (Gross) Seven Years Ended December 31, 2020





#### **Current Holdings Based Style Analysis International Equity** As of December 31, 2020

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.

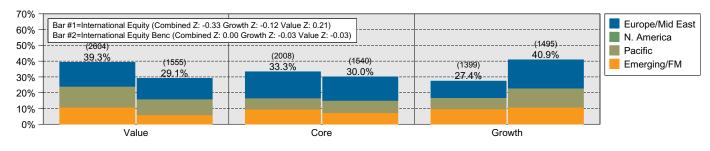
#### Style Map vs Callan NonUS Eq Holdings as of December 31, 2020



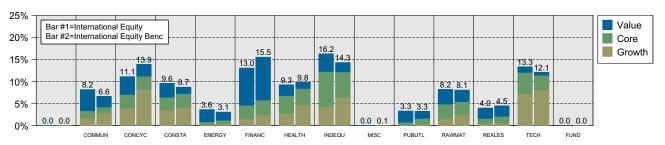
#### **Style Exposure Matrix** Holdings as of December 31, 2020

	29.1% (1555)	30.0% (1540)	40.9% (1495)	100.0% (4590)
Total	00.40/ //	20.00/ //	40.00/ // //	400.00/ //
	39.3% (2604)	33.3% (2008)	27.4% (1399)	100.0% (6011)
Emerging/ FM	6.0% (522)	7.3% (458)	10.7% (389)	<b>24.0</b> % (1369)
,	10.8% (2087)	9.5% (1555)	9.6% (990)	30.0% (4632)
	10.0% (587)	7.7% (561)	12.1% (582)	29.8% (1730)
Pacific	13.170 (290)	7.070 (232)	7.570 (190)	27.570 (720)
	13.1% (298)	7.0% (232)	7.3% (190)	27.5% (720)
N. America	0.0% (1)	0.0% (4)	0.0% (2)	0.1% (7)
N. America	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Europe/ Mid East	13.2% (445)	14.9% (517)	18.1% (522)	46.2% (1484)
<b>-</b> /	15.3% (219)	16.7% (221)	10.5% (219)	42.5% (659)

#### **Combined Z-Score Style Distribution** Holdings as of December 31, 2020



#### **Sector Weights Distribution** Holdings as of December 31, 2020





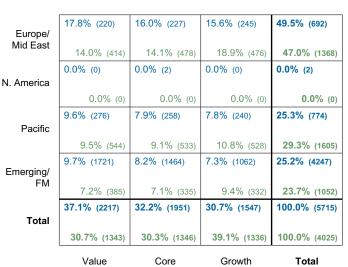
#### Historical Holdings Based Style Analysis International Equity For Five Years Ended December 31, 2020

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.

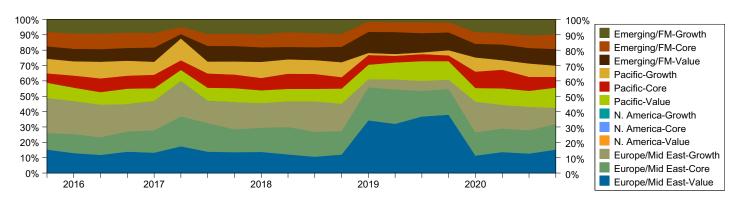
#### Average Style Map vs Callan NonUS Eq Holdings for Five Years Ended December 31, 2020

# Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2020

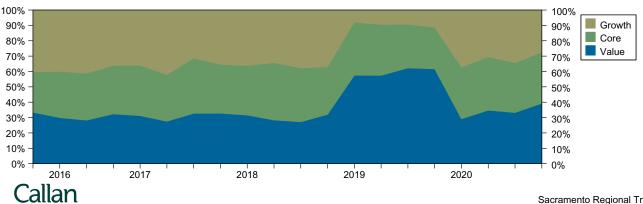




#### International Equity Historical Region/Style Exposures



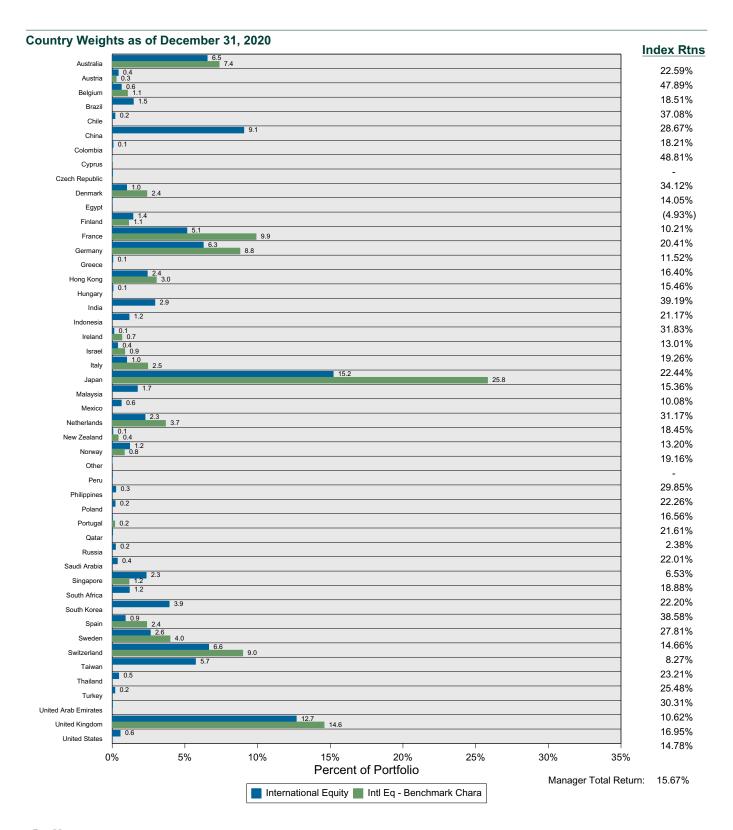
#### **International Equity Historical Style Only Exposures**



#### Country Allocation International Equity VS Intl Eq - Benchmark Characteristics

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2020. 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 December 31, 2020

#### **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.

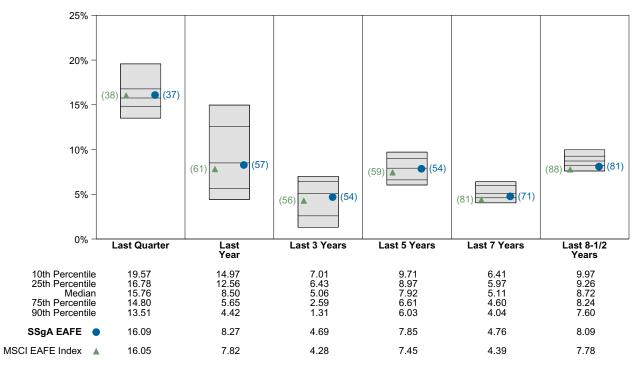
#### **Quarterly Summary and Highlights**

- SSgA EAFE's portfolio posted a 16.09% return for the quarter placing it in the 37 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 57 percentile for the last year.
- SSgA EAFE's portfolio outperformed the MSCI EAFE Index by 0.04% for the quarter and outperformed the MSCI EAFE Index for the year by 0.46%.

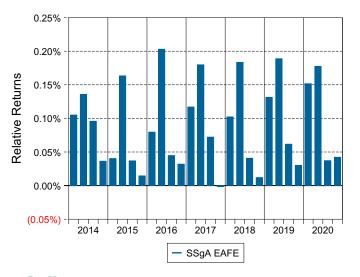
Quarterly	Asset	Growth
-----------	-------	--------

Beginning Market Value	\$14,332,512
Net New Investment	\$0
Investment Gains/(Losses)	\$2,305,775
Ending Market Value	\$16,638,287

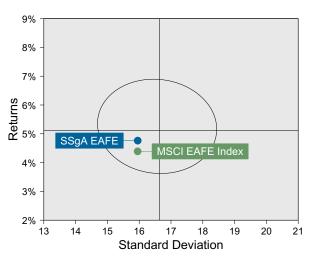
#### Performance vs Callan Non-US Developed Core Equity (Gross)



#### **Relative Return vs MSCI EAFE Index**



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



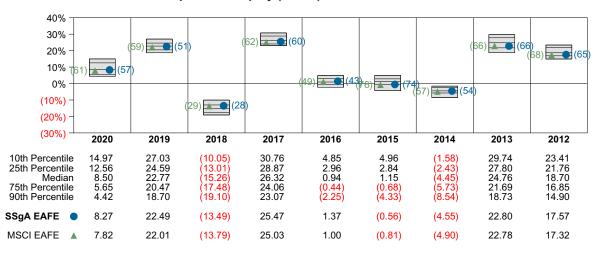


#### SSgA EAFE Return Analysis Summary

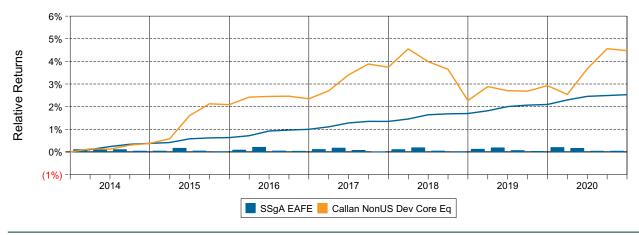
#### **Return Analysis**

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.

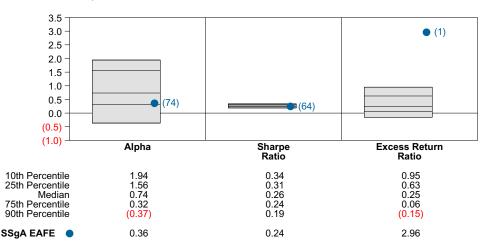
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2020





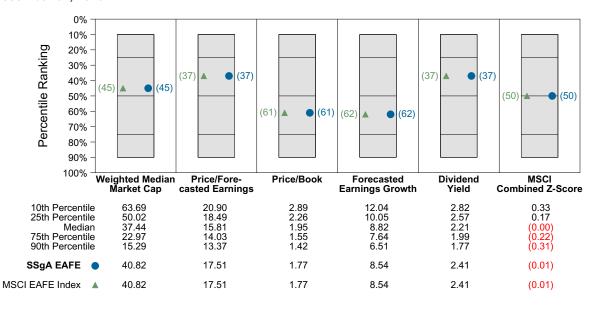
#### SSqA EAFE

#### **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

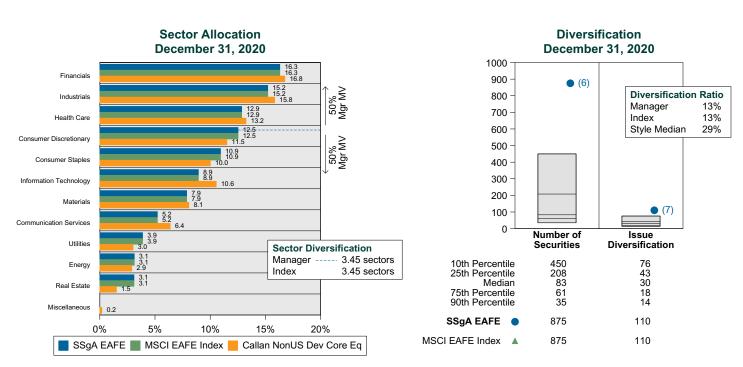
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of December 31, 2020



#### **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.

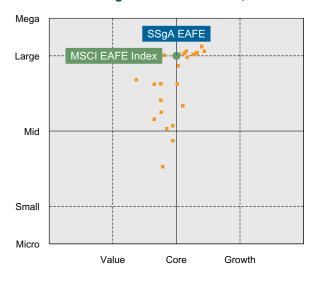




#### **Current Holdings Based Style Analysis** SSgA EAFE As of December 31, 2020

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.

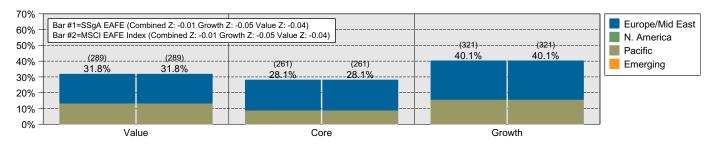
#### Style Map vs Callan NonUS Dev Core Eq. Holdings as of December 31, 2020



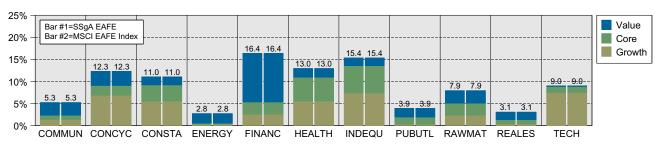
#### **Style Exposure Matrix** Holdings as of December 31, 2020

	Value	Core	Growth	Total
	31.8% (289)	28.1% (261)	40.1% (321)	100.0% (871)
Total				
	31.8% (289)	28.1% (261)	40.1% (321)	100.0% (871)
	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)
	13.3% (154)	9.0% (132)	15.7% (144)	38.0% (430)
Pacific				
	13.3% (154)	9.0% (132)	15.7% (144)	38.0% (430)
	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	18.5% (135)	19.1% (129)	24.5% (177)	62.0% (441)
Furanc/	18.5% (135)	19.1% (129)	24.5% (177)	62.0% (441)

#### **Combined Z-Score Style Distribution** Holdings as of December 31, 2020



#### **Sector Weights Distribution** Holdings as of December 31, 2020

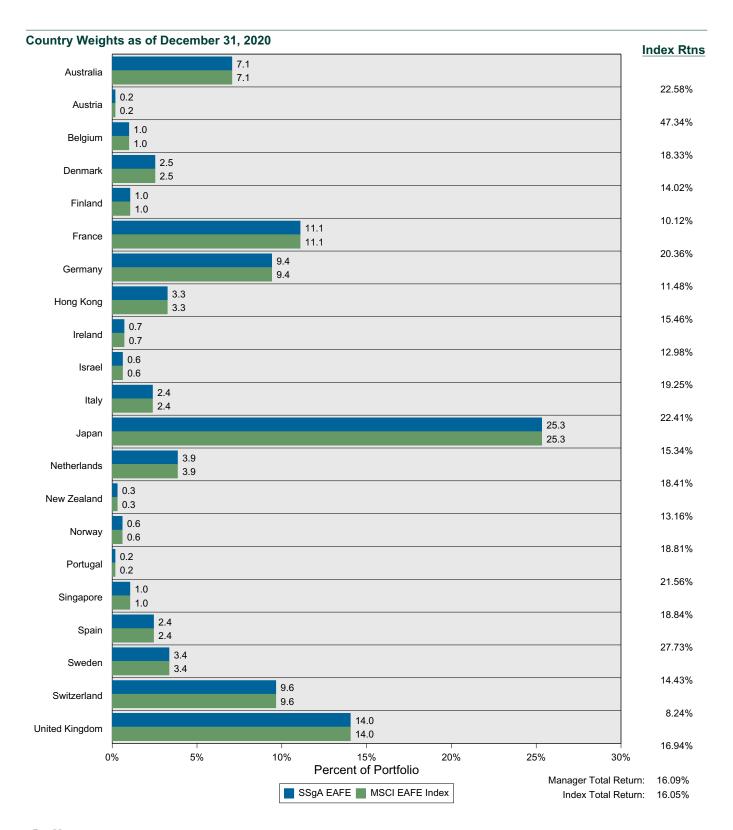




# Country Allocation SSgA EAFE VS MSCI EAFE Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2020. 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 December 31, 2020

#### 10 Largest Holdings

					Price/		
	Ending	Percent			Forecasted		Forecasted
	Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Consumer Staples	\$357,284	2.1%	2.45%	339.81	23.25	2.59%	3.01%
Health Care	\$258,224	1.6%	(0.44)%	245.60	14.88	2.91%	4.71%
Health Care	\$220,923	1.3%	8.23%	233.47	14.80	3.53%	7.65%
Information Technology	\$217,699	1.3%	37.13%	204.05	40.18	0.64%	21.30%
Consumer Discretionary	\$182,467	1.1%	33.45%	315.53	36.64	0.94%	6.90%
Consumer Discretionary	\$171,867	1.0%	20.82%	251.48	12.03	2.76%	6.84%
Consumer Staples	\$165,969	1.0%	2.38%	157.77	19.12	3.27%	3.37%
Financials	\$155,759	0.9%	27.45%	148.18	21.42	1.35%	14.64%
Information Technology	\$144,037	0.9%	(16.13)%	161.71	22.50	1.47%	6.40%
Health Care	\$138,136	0.8%	(7.52)%	131.42	19.92	2.98%	18.40%
	Consumer Staples Health Care Health Care Information Technology Consumer Discretionary Consumer Discretionary Consumer Staples Financials Information Technology	Sector         Market Value           Consumer Staples         \$357,284           Health Care         \$258,224           Health Care         \$220,923           Information Technology         \$217,699           Consumer Discretionary         \$182,467           Consumer Discretionary         \$171,867           Consumer Staples         \$165,969           Financials         \$155,759           Information Technology         \$144,037	Sector         Market Value         of Value           Consumer Staples         \$357,284         2.1%           Health Care         \$258,224         1.6%           Health Care         \$220,923         1.3%           Information Technology         \$217,699         1.3%           Consumer Discretionary         \$182,467         1.1%           Consumer Discretionary         \$171,867         1.0%           Consumer Staples         \$165,969         1.0%           Financials         \$155,759         0.9%           Information Technology         \$144,037         0.9%	Sector         Market Value         of Portfolio Peturn         Qtrly Return           Consumer Staples         \$357,284         2.1%         2.45%           Health Care         \$258,224         1.6%         (0.44)%           Health Care         \$220,923         1.3%         8.23%           Information Technology         \$217,699         1.3%         37.13%           Consumer Discretionary         \$182,467         1.1%         33.45%           Consumer Discretionary         \$171,867         1.0%         20.82%           Consumer Staples         \$165,969         1.0%         2.38%           Financials         \$155,759         0.9%         27.45%           Information Technology         \$144,037         0.9%         (16.13)%	Sector         Market Value         of Portfolio         Qtrly Return         Market Capital           Consumer Staples         \$357,284         2.1%         2.45%         339.81           Health Care         \$258,224         1.6%         (0.44)%         245.60           Health Care         \$220,923         1.3%         8.23%         233.47           Information Technology         \$217,699         1.3%         37.13%         204.05           Consumer Discretionary         \$182,467         1.1%         33.45%         315.53           Consumer Discretionary         \$171,867         1.0%         20.82%         251.48           Consumer Staples         \$165,969         1.0%         2.38%         157.77           Financials         \$155,759         0.9%         27.45%         148.18           Information Technology         \$144,037         0.9%         (16.13)%         161.71	Sector         Value         Percent Of Portfolio         Qtrly Return         Market Capital         Forecasted Earnings Ratio           Consumer Staples         \$357,284         2.1%         2.45%         339.81         23.25           Health Care         \$258,224         1.6%         (0.44)%         245.60         14.88           Health Care         \$220,923         1.3%         8.23%         233.47         14.80           Information Technology         \$217,699         1.3%         37.13%         204.05         40.18           Consumer Discretionary         \$182,467         1.1%         33.45%         315.53         36.64           Consumer Discretionary         \$171,867         1.0%         20.82%         251.48         12.03           Consumer Staples         \$165,969         1.0%         2.38%         157.77         19.12           Financials         \$155,759         0.9%         27.45%         148.18         21.42           Information Technology         \$144,037         0.9%         (16.13)%         161.71         22.50	Sector         Value         Percent Of Portfolio         Qtrly Return         Market Capital         Forecasted Earnings Pividend Pation         Dividend Pation           Consumer Staples         \$357,284         2.1%         2.45%         339.81         23.25         2.59%           Health Care         \$258,224         1.6%         (0.44)%         245.60         14.88         2.91%           Health Care         \$220,923         1.3%         8.23%         233.47         14.80         3.53%           Information Technology         \$217,699         1.3%         37.13%         204.05         40.18         0.64%           Consumer Discretionary         \$182,467         1.1%         33.45%         315.53         36.64         0.94%           Consumer Discretionary         \$171,867         1.0%         20.82%         251.48         12.03         2.76%           Consumer Staples         \$165,969         1.0%         2.38%         157.77         19.12         3.27%           Financials         \$155,759         0.9%         27.45%         148.18         21.42         1.35%           Information Technology         \$144,037         0.9%         (16.13)%         161.71         22.50         1.47%

#### **10 Best Performers**

								Forecasted	
		Ending Percent			Forecasted				
Stock		Market	t of	Qtrly	Market	Earnings	Dividend	Growth in	
		Value	Portfolio	Return	Capital	Ratio	Yield	Earnings	
Nippon Yusen Kk Shs	Industrials	\$3,744	0.0%	237.30%	3.96	7.74	1.67%	24.60%	
Rolls Royce Holdings Plc Lon Shs	Industrials	\$13,379	0.1%	159.15%	12.72	(126.67)	0.00%	(42.96)%	
Unibail Rodamco Se Shs	Real Estate	\$11,504	0.1%	115.54%	10.94	7.69	8.36%	(11.19)%	
Bbva	Financials	\$34,613	0.2%	79.13%	32.92	9.82	6.44%	10.10%	
Norsk Hydro	Materials	\$6,583	0.0%	76.86%	9.63	14.34	3.14%	84.40%	
Sumco Corp Tokyo Shs	Information Technology	\$6,040	0.0%	72.82%	6.38	21.57	1.24%	(2.63)%	
Siemens Energy Ag	Industrials	\$15,424	0.1%	68.90%	26.92	43.03	0.00%	10.09%	
So-Net M3	Health Care	\$43,772	0.3%	68.68%	64.05	164.41	0.09%	28.44%	
Arcelormittal Sa Luxembourg Shs	Materials	\$17,411	0.1%	67.15%	25.48	15.15	0.00%	(2.50)%	
Cyber Ark Software	Information Technology	\$6,580	0.0%	66.44%	6.26	115.34	0.00%	(15.10)%	

#### **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
Galapagos NV Shs	Health Care	\$4,392	0.0%	(31.87)%	6.44	(23.54)	0.00%	-
Jx Holdings Inc Tokyo Shs	Energy	\$11,576	0.1%	(28.43)%	11.59	7.56	2.97%	49.60%
Rockwool B	Industrials	\$3,172	0.0%	(21.38)%	4.02	25.75	1.40%	(0.35)%
Eisai Co	Health Care	\$18,925	0.1%	(21.27)%	21.18	27.42	2.17%	(7.09)%
Hitachi Construction Mach Co Shs	Industrials	\$3,209	0.0%	(20.98)%	6.10	18.43	1.16%	(1.10)%
Ipsen Shs	Health Care	\$3,295	0.0%	(20.88)%	6.96	9.23	1.47%	4.05%
Nippon Shinyaku Co	Health Care	\$3,148	0.0%	(19.91)%	4.61	17.93	1.36%	15.75%
Santen Pharmaceutical Co Ltd Shs	Health Care	\$6,143	0.0%	(16.78)%	6.49	19.66	1.67%	10.18%
Tohoku Electric Power Co Inc Ord	Utilities	\$3,700	0.0%	(16.20)%	4.14	10.22	4.71%	3.27%
Sap Se Shs	Information Technology	\$144,037	0.9%	(16.13)%	161.71	22.50	1.47%	6.40%



# Pyrford Period Ended December 31, 2020

#### **Investment Philosophy**

Pyrford's investment strategy is based on a value-driven, absolute return approach, with both top-down and bottom-up elements. At the country level they seek to invest in countries that offer an attractive market valuation relative to their long-term prospects. At the stock level they identify companies that offer excellent value relative to in-house forecasts of long-term (5 years) earnings growth. This approach is characterized by low absolute volatility and downside protection. Returns prior to 6/30/2017 are linked to a composite history.

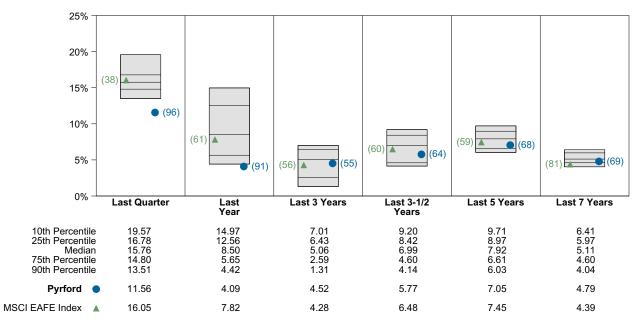
#### **Quarterly Summary and Highlights**

- Pyrford's portfolio posted a 11.56% return for the quarter placing it in the 96 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 91 percentile for the last year.
- Pyrford's portfolio underperformed the MSCI EAFE Index by 4.48% for the quarter and underperformed the MSCI EAFE Index for the year by 3.73%.

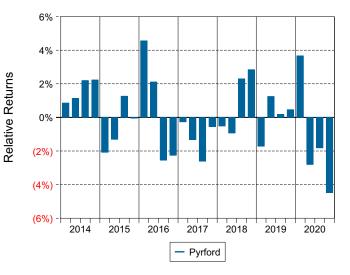
#### **Quarterly Asset Growth**

Beginning Market Value	\$29,201,587
Net New Investment	\$0
Investment Gains/(Losses)	\$3,377,040
Ending Market Value	\$32,578,626

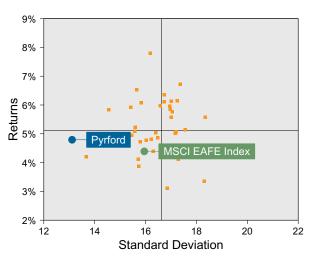
#### Performance vs Callan Non-US Developed Core Equity (Gross)



#### Relative Return vs MSCI EAFE Index



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



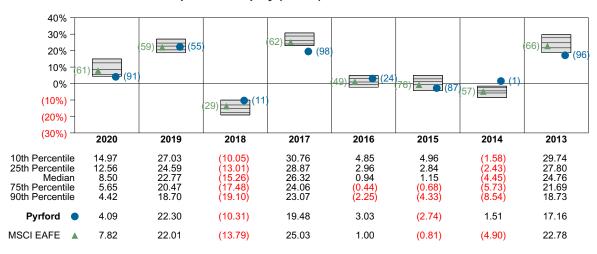


# Pyrford Return Analysis Summary

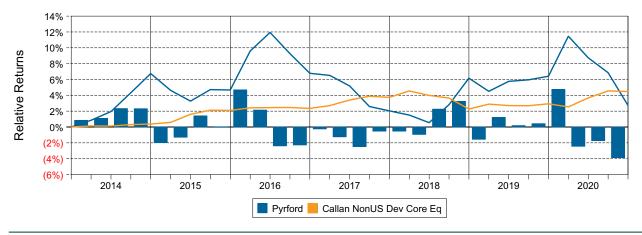
#### **Return Analysis**

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.

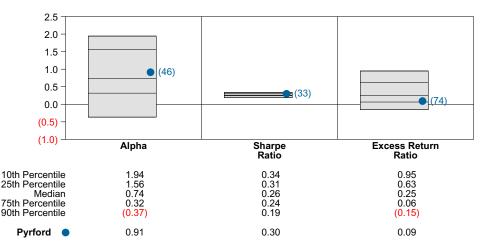
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2020



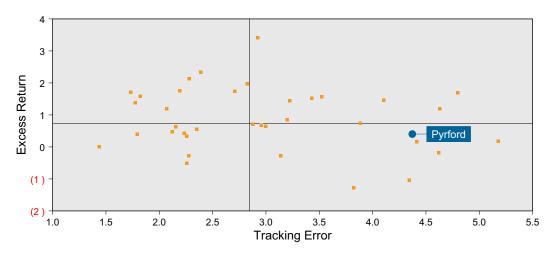


# Pyrford Risk Analysis Summary

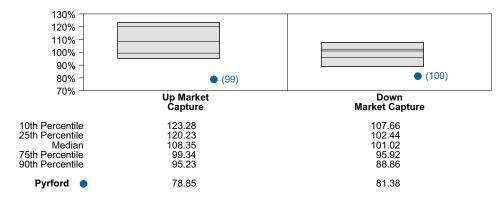
#### **Risk Analysis**

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.

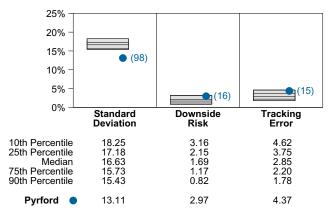
#### Risk Analysis vs Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2020

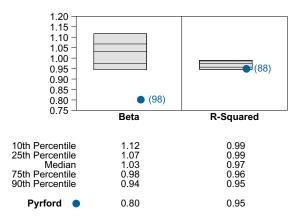


Market Capture vs MSCI EAFE Index (USD Net Div) Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2020



Risk Statistics Rankings vs MSCI EAFE Index (USD Net Div) Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2020





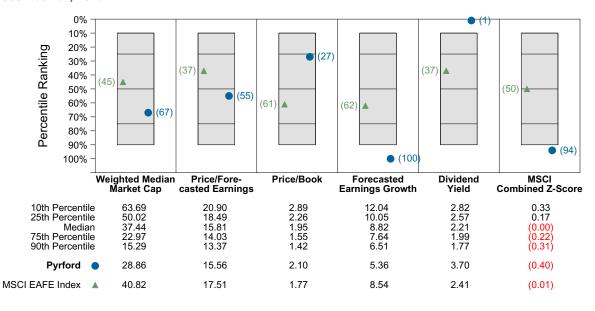


# Pyrford Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

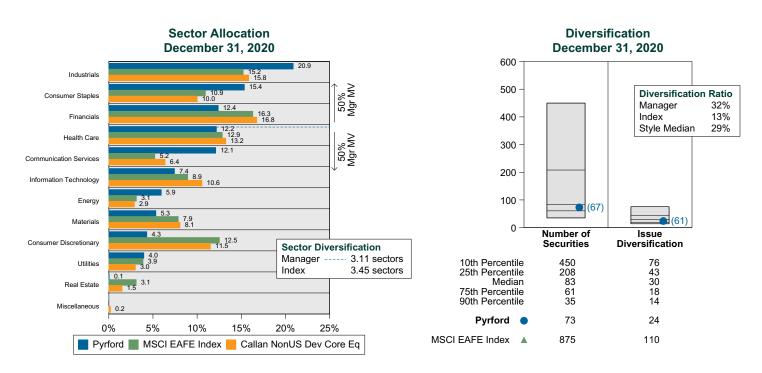
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of December 31, 2020



#### **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.

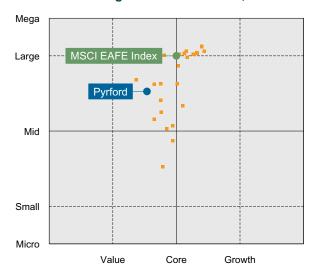




#### Current Holdings Based Style Analysis Pyrford As of December 31, 2020

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.

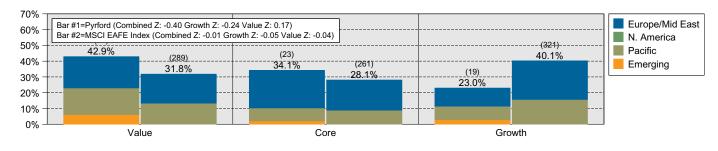
#### Style Map vs Callan NonUS Dev Core Eq Holdings as of December 31, 2020



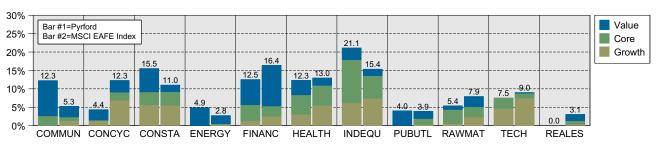
### Style Exposure Matrix Holdings as of December 31, 2020

	Value	Core	Growth	Total
	31.8% (289)	28.1% (261)	40.1% (321)	100.0% (871)
Total				
	42.9% (27)	34.1% (23)	23.0% (19)	100.0% (69)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Emerging				
	6.1% (4)	2.1% (2)	2.8% (3)	11.0% (9)
	13.3% (154)	9.0% (132)	15.7% (144)	38.0% (430)
Pacific				
	16.8% (10)	8.2% (5)	8.6% (6)	33.6% (21)
	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	18.5% (135)	19.1% (129)	24.5% (177)	62.0% (441)
Furanc/	19.9% (13)	23.9% (16)	11.6% (10)	55.4% (39)

### Combined Z-Score Style Distribution Holdings as of December 31, 2020



#### Sector Weights Distribution Holdings as of December 31, 2020



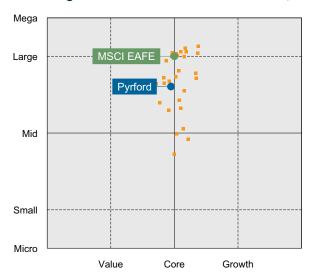


#### Historical Holdings Based Style Analysis Pyrford For Five Years Ended December 31, 2020

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.

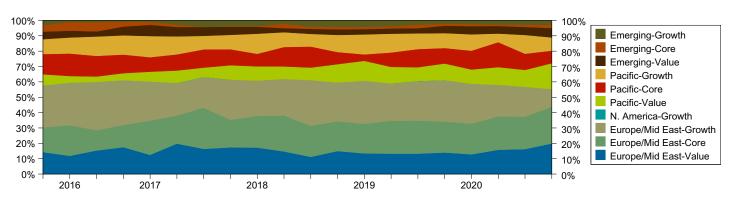
#### Average Style Map vs Callan NonUS Dev Core Eq Holdings for Five Years Ended December 31, 2020

#### Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2020

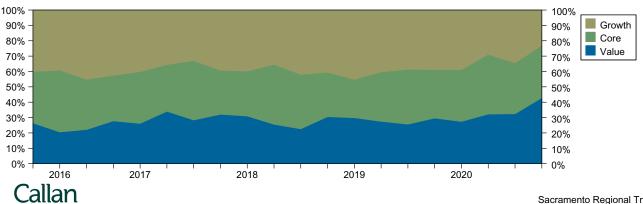




#### Pyrford Historical Region/Style Exposures



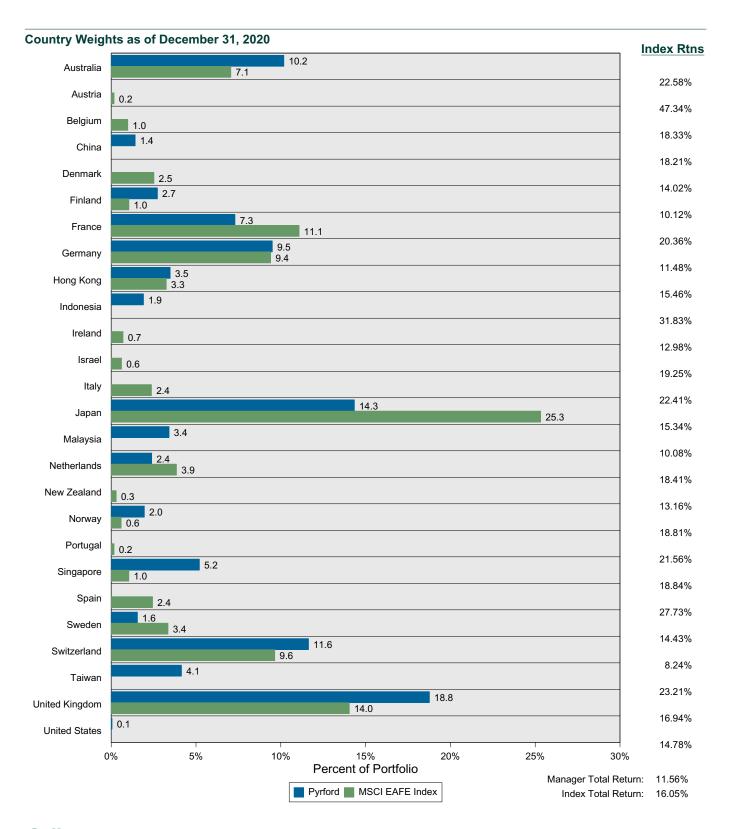
#### **Pyrford Historical Style Only Exposures**



# Country Allocation Pyrford VS MSCI EAFE Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2020. 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.





### **Pyrford** Top 10 Portfolio Holdings Characteristics as of December 31, 2020

#### 10 Largest Holdings

						Price/		
		Ending	Percent		Forecasted			
		Market	Market of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Japan Tobacco Inc Ord	Consumer Staples	\$1,004,755	3.1%	11.55%	40.72	11.71	7.33%	(6.79)%
Nestle S A Shs Nom New	Consumer Staples	\$895,887	2.7%	2.45%	339.81	23.25	2.59%	3.01%
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$870,592	2.7%	(0.44)%	245.60	14.88	2.91%	4.71%
Novartis	Health Care	\$823,509	2.5%	8.23%	233.47	14.80	3.53%	7.65%
Malayan Banking Bhd Maybank Shs	Financials	\$748,531	2.3%	11.61%	23.64	13.39	6.21%	2.71%
Kddi	Communication Services	\$746,851	2.3%	18.36%	68.43	10.55	3.91%	4.80%
Mitsubishi Elec Corp Shs	Industrials	\$733,084	2.3%	22.64%	32.38	17.70	2.31%	0.70%
Brambles Ltd Npv	Industrials	\$711,285	2.2%	8.52%	12.05	21.41	2.45%	10.93%
Woolworths Ltd	Consumer Staples	\$706,755	2.2%	13.52%	38.38	25.64	2.39%	9.86%
Glaxosmithkline Plc Ord	Health Care	\$672,487	2.1%	(4.84)%	92.27	11.46	5.96%	2.50%

#### **10 Best Performers**

Price/				
Forecasted	Percent			
Qtrly Market Earnings Di	of	Market		
Return Capital Ratio	Portfolio	Value	Sector	Stock
55.34% 21.71 8.99	2.0%	\$665,864	Financials	Legal & General Group
54.42% 14.28 11.15	0.9%	\$306,199	Industrials	Toyota Tsusho Corp Shs
50.95% 8.53 32.07	1.1%	\$364,623	Communication Services	Axiata Group Bhd Shs
48.79% 16.88 24.85	1.8%	\$601,034	Energy	Woodside Petroleum
45.35% 73.33 12.41	0.7%	\$227,276	Energy	Royal Dutch Shell A Shs
36.13% 2.74 17.56	1.3%	\$439,643	Industrials	Comfortdelgro Corporation Lt Shs
35.26% 32.61 10.43	1.0%	\$335,031	Materials	Rio Tinto Ltd Ord
31.28% 23.34 15.00	0.9%	\$306,624	Communication Services	Pt Telekomunikasi Indo Perse Shs Ser
29.14% 6.09 20.89	1.7%	\$563,032	Information Technology	Computershare Limited Cpu Shs
27.45% 148.18 21.42	1.3%	\$415,234	Financials	Aia Group Ltd Com Par Usd 1
		,		·

#### **10 Worst Performers**

	Ending		Percent		Forecasted			Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Sap Se Shs	Information Technology	\$668,508	2.1%	(16.13)%	161.71	22.50	1.47%	6.40%
Reckitt Benckiser Group Plc	Consumer Staples	\$512,075	1.6%	(11.45)%	63.74	20.62	2.67%	1.22%
China Mobile Hong Kong Limit Ord	Communication Services	\$461,352	1.4%	(8.76)%	116.72	6.97	8.32%	1.95%
Koninklijke Vopak NV Rotterd Shs	Energy	\$440,923	1.4%	(6.49)%	6.61	14.41	2.68%	(1.54)%
Kone Oyj Shs B	Industrials	\$317,507	1.0%	(6.09)%	36.85	32.67	2.56%	6.20%
Sanofi Shs	Health Care	\$607,755	1.9%	(4.88)%	121.23	12.49	4.00%	6.05%
Glaxosmithkline Plc Ord	Health Care	\$672,487	2.1%	(4.84)%	92.27	11.46	5.96%	2.50%
Sumitomo Rubber Ind	Consumer Discretionary	\$399,997	1.2%	(4.24)%	2.26	9.54	3.38%	38.40%
Essity Ab	Consumer Staples	\$216,075	0.7%	(2.55)%	20.63	15.91	2.36%	6.15%
Schindler Part	Industrials	\$174,086	0.5%	(2.43)%	10.99	29.71	1.68%	3.36%



#### **AQR**

#### Period Ended December 31, 2020

#### **Investment Philosophy**

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

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

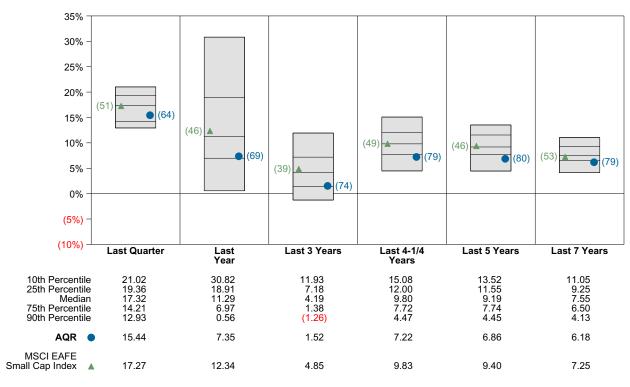
#### AQR's portfolio posted a 15.44% return for the quarter placing it in the 64 percentile of the Callan International Small Cap group for the quarter and in the 69 percentile for the last year.

#### AQR's portfolio underperformed the MSCI EAFE Small Cap Index by 1.82% for the quarter and underperformed the MSCI EAFE Small Cap Index for the year by 4.99%.

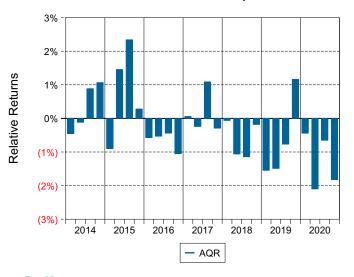
#### **Quarterly Asset Growth**

Beginning Market Value	\$16,675,477
Net New Investment	\$0
Investment Gains/(Losses)	\$2,534,711
Ending Market Value	\$19.210.188

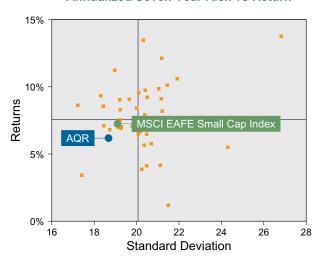
#### Performance vs Callan International Small Cap (Gross)



#### Relative Returns vs MSCI EAFE Small Cap Index



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





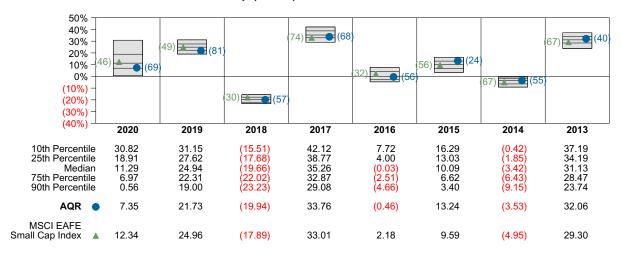
#### **AQR**

#### **Return Analysis Summary**

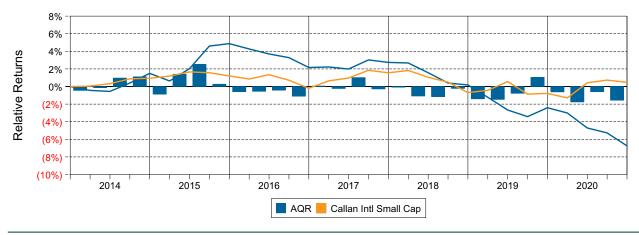
#### **Return Analysis**

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.

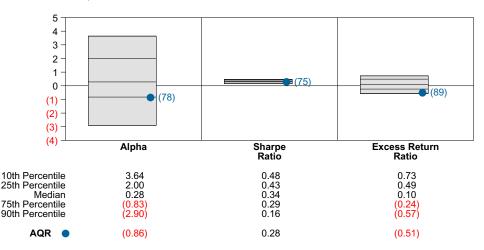
#### Performance vs Callan International Small Cap (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended December 31, 2020



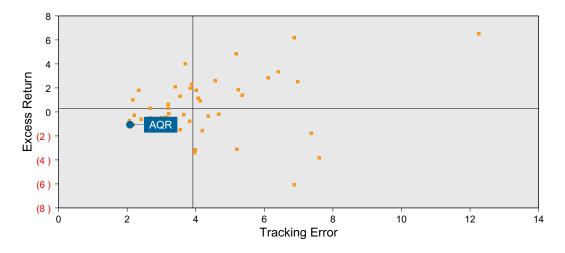


#### AQR Risk Analysis Summary

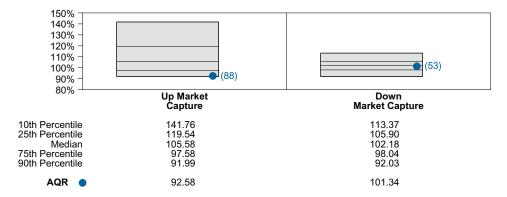
#### **Risk Analysis**

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.

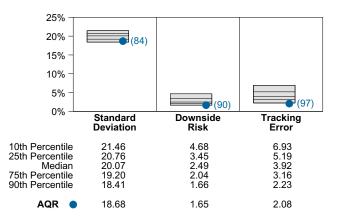
#### Risk Analysis vs Callan International Small Cap (Gross) Seven Years Ended December 31, 2020

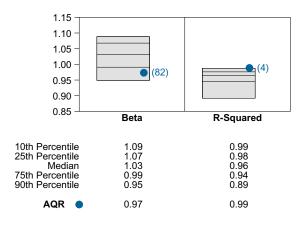


Market Capture vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended December 31, 2020



Risk Statistics Rankings vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended December 31, 2020







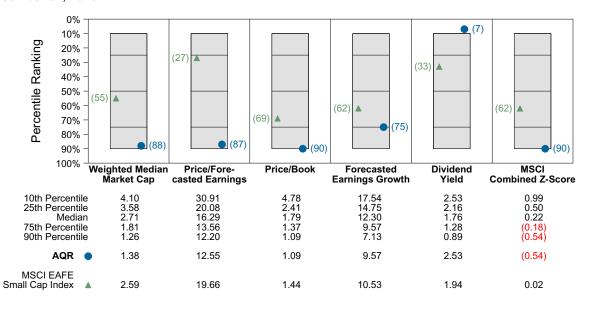
#### **AQR**

#### **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

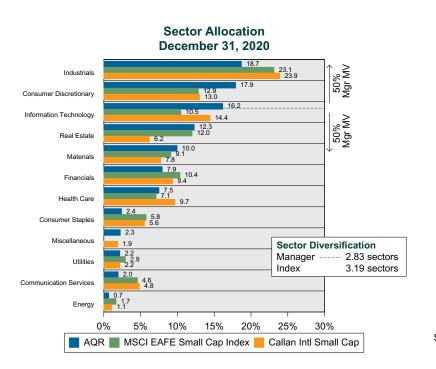
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

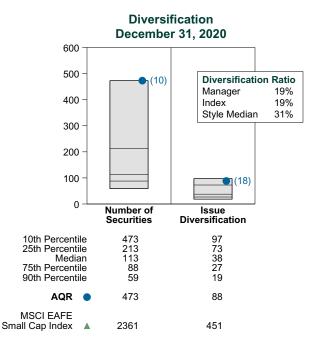
#### Portfolio Characteristics Percentile Rankings Rankings Against Callan International Small Cap as of December 31, 2020



#### **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.



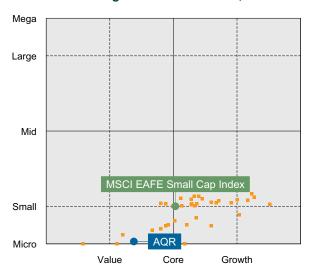




#### **Current Holdings Based Style Analysis AQR** As of December 31, 2020

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.

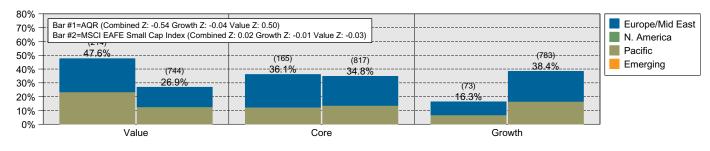
#### Style Map vs Callan Intl Small Cap Holdings as of December 31, 2020



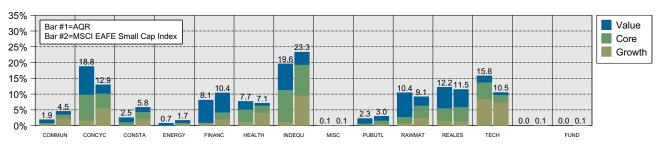
#### **Style Exposure Matrix** Holdings as of December 31, 2020

	24.2% (83)	23.7% (90)	9.6% (41)	57.5% (214)
Europe/ Mid East				
ma Edot	14.3% (310)	21.2% (388)	21.9% (345)	57.3% (1043)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
N. America				
	0.0% (1)	0.1% (2)	0.0% (0)	0.1% (3)
	23.4% (131)	12.4% (75)	6.7% (32)	42.5% (238)
Pacific				
	12.6% (433)	13.5% (427)	16.5% (438)	<b>42.6</b> % (1298)
	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)
	47.6% (214)	36.1% (165)	16.3% (73)	100.0% (452)
Total				
	26.9% (744)	34.8% (817)	38.4% (783)	100.0% (2344)
	Value	Core	Growth	Total

#### **Combined Z-Score Style Distribution** Holdings as of December 31, 2020



#### **Sector Weights Distribution** Holdings as of December 31, 2020





#### **Historical Holdings Based Style Analysis AQR**

#### For Five Years Ended December 31, 2020

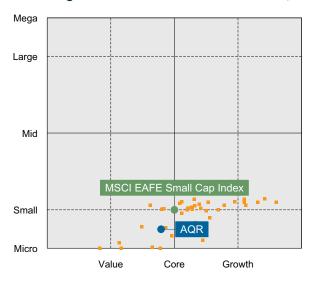
This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various region and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments 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.

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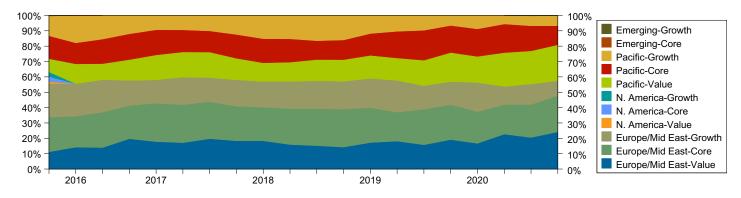
#### Average Style Map vs Callan Intl Small Cap Holdings for Five Years Ended December 31, 2020

#### **Average Style Exposure Matrix** Holdings for Five Years Ended December 31, 2020

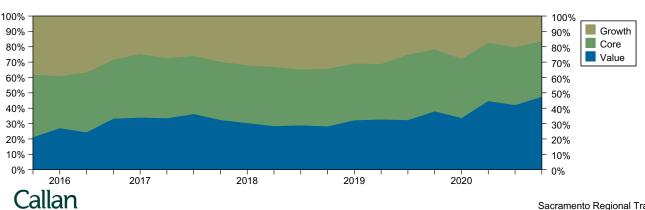


	Value	Core	Growth	Total
	27.5% (750)	37.0% (816)	35.6% (710)	100.0% (2276)
Total				
	33.1% (227)	38.2% (221)	28.6% (144)	100.0% (592)
	0.0% (0)	0.0% (1)	0.0% (0)	0.0% (1)
Emerging				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	13.1% (439)	15.0% (430)	15.1% (391)	43.2% (1260)
Pacific				
	15.5% (127)	15.6% (108)	11.4% (70)	42.5% (305)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
America				
	0.1% (1)	0.2% (1)	0.2% (1)	0.4% (3)
Mid East	14.4% (311)	21.9% (385)	20.5% (319)	56.8% (1015)
Europe/	17.5% (99)	22.5% (112)	17.1% (73)	57.1% (284)

#### **AQR Historical Region/Style Exposures**



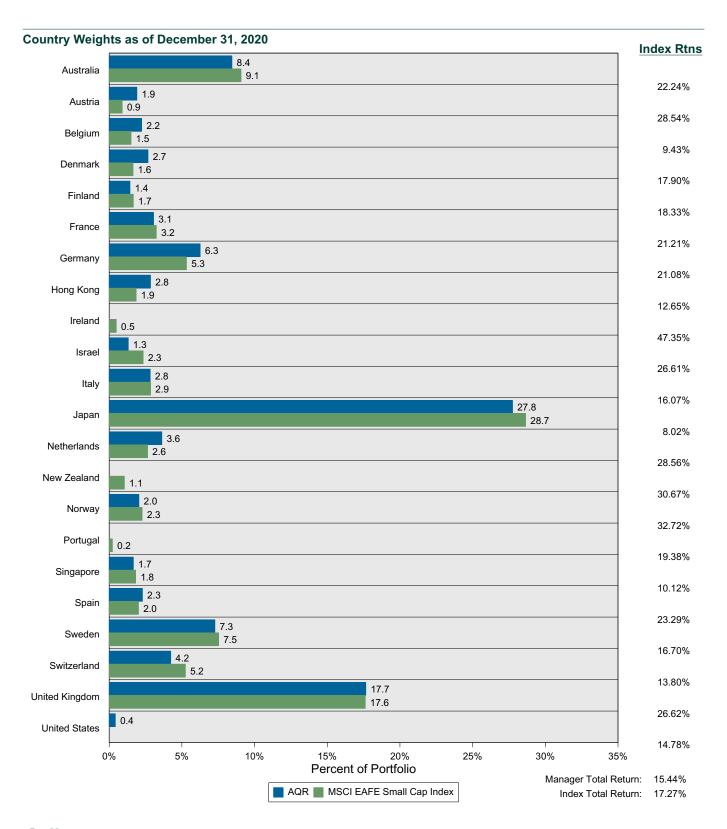
#### **AQR Historical Style Only Exposures**



#### **Country Allocation** AQR VS MSCI EAFE Small Cap Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2020. 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 December 31, 2020

#### 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
Ferrexpo Plc London Shs	Materials	\$237,309	1.2%	84.02%	2.27	5.98	3.55%	(14.49)%
Flow Traders	Financials	\$210,599	1.1%	(12.37)%	1.54	12.35	16.81%	(13.85)%
Draegerwerk Ag & Co Kgaa Pref Shs No	Health Care	\$196,645	1.0%	(10.56)%	0.66	10.68	0.30%	(20.37)%
Sandfire Resources NI Shs	Materials	\$192,310	1.0%	7.04%	0.74	7.44	3.55%	4.97%
Carphone Whse.Gp.	Consumer Discretionary	\$170,215	0.9%	10.74%	1.85	9.03	0.00%	4.41%
Emis Group	Health Care	\$165,107	0.9%	11.71%	0.94	20.80	2.92%	6.70%
Asm Intl N V Ny Register Sh	Information Technology	\$165,061	0.9%	57.65%	10.96	26.10	0.83%	7.90%
Halfords Group Plc Redditch Shs	Consumer Discretionary	\$162,354	0.8%	50.86%	0.73	11.23	0.00%	(10.72)%
Aurubis Ag Shs	Materials	\$160,652	0.8%	15.38%	3.52	14.16	2.03%	22.20%
Computacenter Plc Shs Par 0.075555	Information Technology	\$155,318	0.8%	9.40%	3.82	20.99	0.50%	10.13%

#### **10 Best Performers**

						Price/		
		Ending Percent			Forecasted			
	Market Sector Value Po	of	Qtrly	Market	Earnings	Dividend	Growth in	
Stock		Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Elringklinger	Consumer Discretionary	\$6,709	0.0%	147.69%	1.21	32.34	0.00%	(15.16)%
Penauille Polyservices Sa Act	Industrials	\$28,721	0.1%	142.89%	1.15	17.63	0.00%	49.30%
Senior Plc Ord	Industrials	\$40,900	0.2%	112.07%	0.51	135.56	0.00%	(41.11)%
Bw Lpg Ltd	Energy	\$72,862	0.4%	102.78%	0.98	6.69	14.19%	(42.02)%
Ao World	Consumer Discretionary	\$9,728	0.1%	101.19%	2.69	48.03	0.00%	-
Thyssen Krupp Ag Duesseldorf Ord	Materials	\$28,075	0.1%	100.71%	6.20	(10.73)	0.00%	(0.44)%
Fortnox	Information Technology	\$7,569	0.0%	86.68%	3.39	111.08	0.11%	88.50%
Ferrexpo Plc London Shs	Materials	\$237,309	1.2%	84.02%	2.27	5.98	3.55%	(14.49)%
Champion Iron Mines Ltd	Materials	\$18,512	0.1%	83.79%	1.79	8.16	0.00%	-
Mccarthy and Stone	Consumer Discretionary	\$6,198	0.0%	81.47%	0.88	(126.15)	0.00%	(24.41)%

#### **10 Worst Performers**

Stock				Price/				
	Sector	Ending Market Value	Percent of Portfolio			Forecasted	Dividend Yield	Forecasted Growth in Earnings
				Qtrly Return	Market Capital	Earnings Ratio		
Mesoblast Ltd Shs	Health Care	\$8,147	0.0%	(50.82)%	1.02	(31.00)	0.00%	-
Gni	Health Care	\$7,701	0.0%	(50.59)%	0.76	173.37	0.00%	-
St Barbara Ltd Shs New	Materials	\$24,165	0.1%	(41.95)%	1.28	7.72	4.84%	42.99%
Centamin Plc Shs	Materials	\$92,057	0.5%	(35.28)%	1.95	12.07	7.48%	9.90%
United Labs Int Hlds Ltd Shs	Health Care	\$76,811	0.4%	(31.11)%	1.31	8.06	1.39%	37.53%
Regis Resources NI Shs	Materials	\$15,118	0.1%	(23.59)%	1.48	7.04	4.28%	26.03%
Giordano Intl Ltd Shs	Consumer Discretionary	\$10,539	0.1%	(20.03)%	0.23	21.00	6.58%	(2.82)%
Kohnan Shoji Co Ltd Shs	Consumer Discretionary	\$7,275	0.0%	(19.61)%	1.08	7.18	1.74%	0.40%
Hornbach Hldg Ag Shs	Consumer Discretionary	\$149,167	0.8%	(18.94)%	1.53	8.46	1.92%	6.08%



# DFA Emerging Markets Period Ended December 31, 2020

#### **Investment Philosophy**

Returns prior to 6/30/2013 are linked to a composite history.

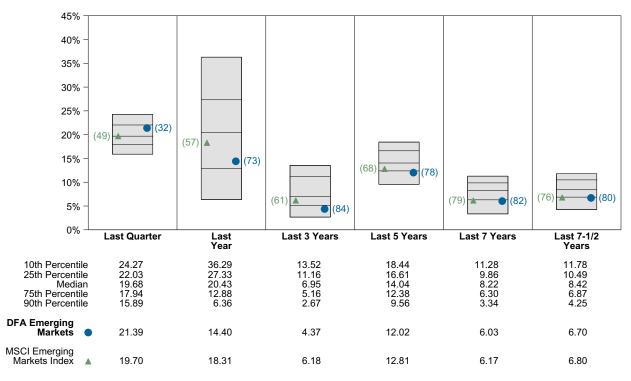
#### **Quarterly Summary and Highlights**

- DFA Emerging Markets's portfolio posted a 21.39% return for the quarter placing it in the 32 percentile of the Callan Emerging Markets Equity Mut Funds group for the quarter and in the 73 percentile for the last year.
- DFA Emerging Markets's portfolio outperformed the MSCI Emerging Markets Index by 1.69% for the quarter and underperformed the MSCI Emerging Markets Index for the year by 3.91%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$20,660,929
Net New Investment	\$0
Investment Gains/(Losses)	\$4,389,829
Ending Market Value	\$25,050,758

#### Performance vs Callan Emerging Markets Equity Mut Funds (Gross)



### Relative Returns vs MSCI Emerging Markets Index



### Callan Emerging Markets Equity Mut Funds (Gross) Annualized Seven Year Risk vs Return



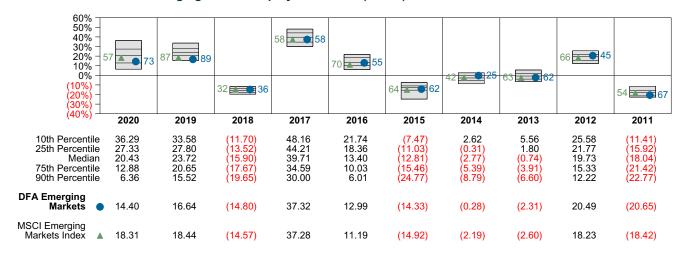


#### DFA Emerging Markets Return Analysis Summary

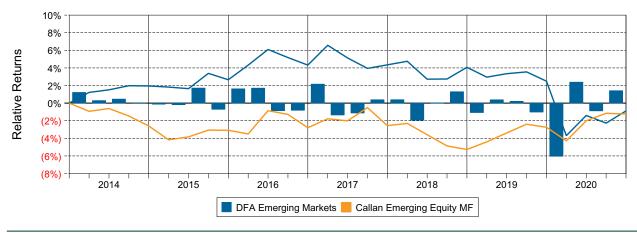
#### **Return Analysis**

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.

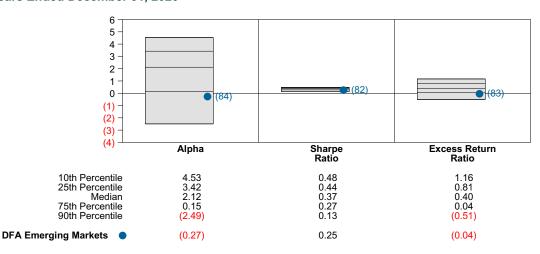
#### Performance vs Callan Emerging Markets Equity Mut Funds (Gross)



#### **Cumulative and Quarterly Relative Return vs MSCI Emerging Markets Index**



Risk Adjusted Return Measures vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2020



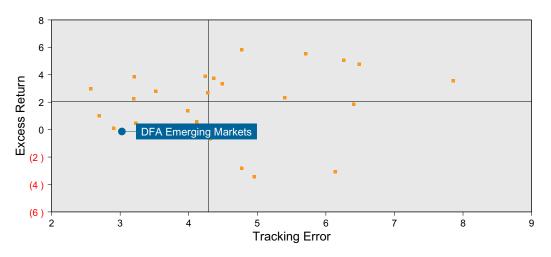


# **DFA Emerging Markets Risk Analysis Summary**

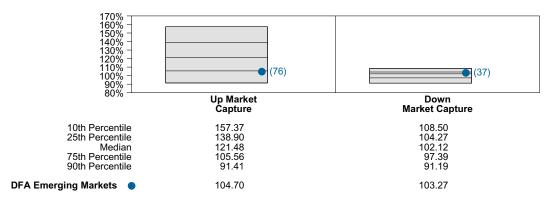
#### **Risk Analysis**

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.

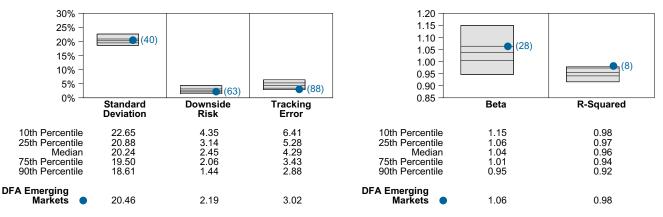
#### Risk Analysis vs Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2020



Market Capture vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2020



Risk Statistics Rankings vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2020



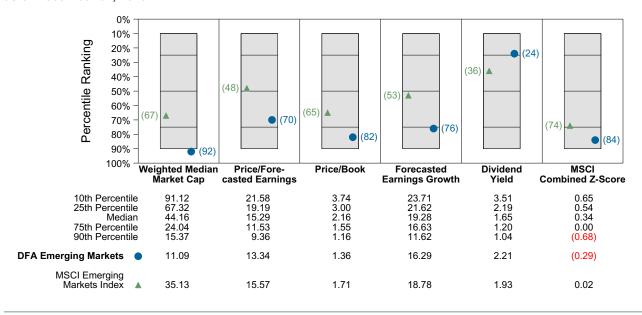


# DFA Emerging Markets Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

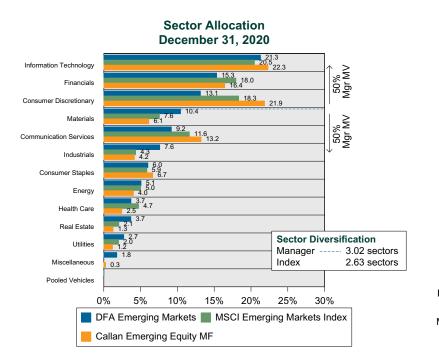
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

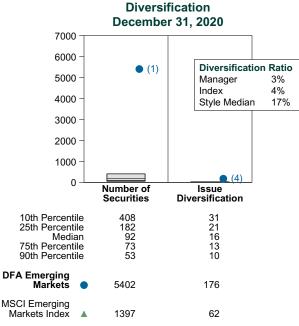
#### Portfolio Characteristics Percentile Rankings Rankings Against Callan Emerging Markets Equity Mut Funds as of December 31, 2020



#### **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 December 31, 2020

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.

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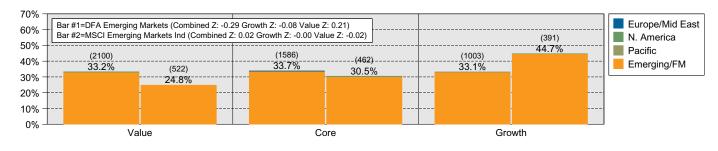
#### Style Map vs Callan Emerging Equity MF Holdings as of December 31, 2020



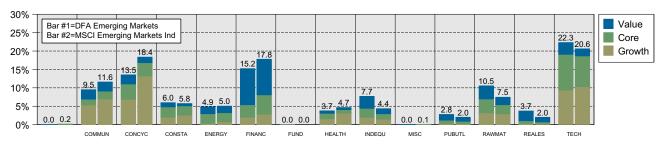
#### **Style Exposure Matrix** Holdings as of December 31, 2020

	Value	Core	Growth	Total
	24.8% (522)	30.5% (462)	44.7% (391)	100.0% (1375)
Total			ì	, ,
	33.2% (2100)	33.7% (1586)	33.1% (1003)	100.0% (4689)
Emerging/ FM	24.8% (522)	30.2% (457)	44.7% (389)	99.7% (1368)
	33.1% (2087)	33.6% (1555)	33.0% (990)	99.8% (4632)
	0.0% (0)	0.1% (2)	0.0% (0)	0.1% (2)
Pacific	0.170 (12)	0.070 (24)	0.170 (10)	0.2 /0 (40)
	0.1% (12)	0.0% (24)	0.1% (13)	0.2% (49)
	0.0% (0)	0.2% (3)	0.0% (2)	0.2% (5)
I. America	(.)	(3)	(3)	(5)
	0.0% (1)	0.0% (5)	0.0% (0)	0.0% (6)
Europe/ Mid East	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (2)	0.0% (0)	0.0% (2)

#### **Combined Z-Score Style Distribution** Holdings as of December 31, 2020



#### **Sector Weights Distribution** Holdings as of December 31, 2020





#### Historical Holdings Based Style Analysis DFA Emerging Markets For Five Years Ended December 31, 2020

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.

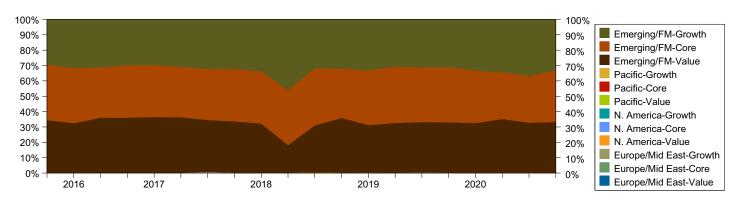
# Average Style Map vs Callan Emerging Equity MF Holdings for Five Years Ended December 31, 2020

# Mega Large MSCI Emerging Markets Ind Mid DFA Emerging Markets Small Micro Value Core Growth

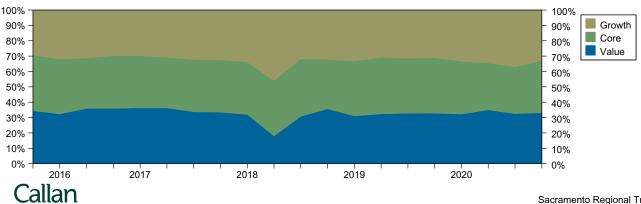
#### Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2020

	0.00/ (0)	0.00/ (4)	0.00/ (0)	0.40/ (4)
Europe/	0.0% (0)	0.0% (1)	0.0% (0)	0.1% (1)
Mid East	0.0% (0)	0.0% (0)	0.09/ (0)	0.00/ (0)
	, ,		0.0% (0)	0.0% (0)
	0.0% (1)	0.0% (4)	0.0% (0)	0.1% (5)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (16)	0.0% (19)	0.1% (12)	0.2% (47)
Pacific				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	32.8% (1629)	34.2% (1385)	32.6% (1004)	99.7% (4018)
Emerging/				
FM	30.4% (385)	29.8% (334)	39.8% (331)	100.0% (1050)
	32.9% (1646)	34.4% (1409)	32.7% (1016)	100.0% (4071)
Total				
	30.4% (385)	29.8% (334)	39.8% (331)	100.0% (1050)
	Value	Core	Growth	Total

#### **DFA Emerging Markets Historical Region/Style Exposures**



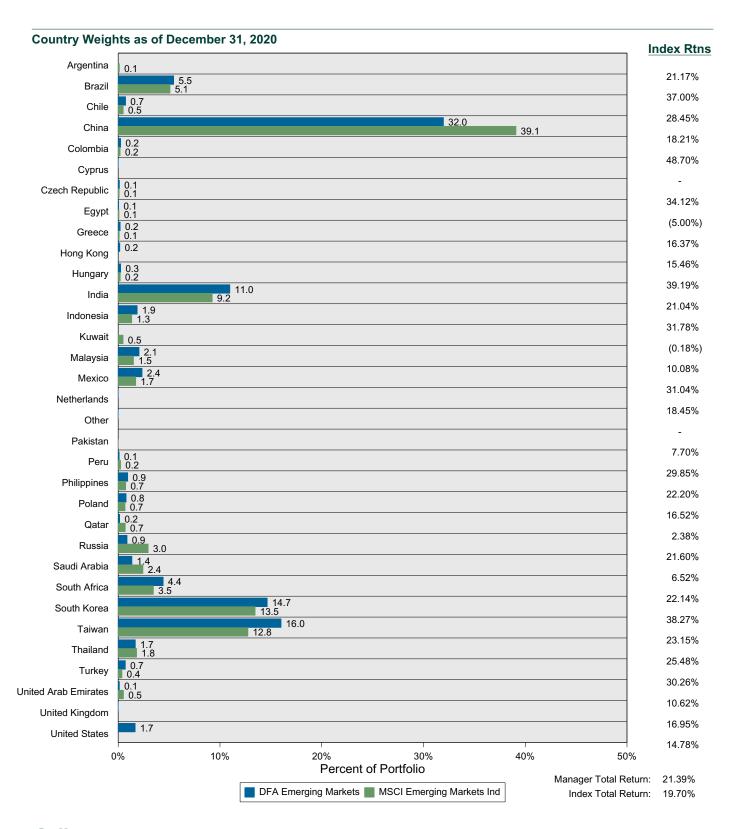
#### **DFA Emerging Markets Historical Style Only Exposures**



# Country Allocation DFA Emerging Markets VS MSCI Emerging Markets Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2020. 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 December 31, 2020

#### 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	\$1,176,752	4.7%	50.75%	445.14	14.76	1.75%	24.75%
Tencent Holdings Limited Shs Par Hkd	Communication Services	\$1,094,521	4.4%	10.31%	697.68	29.44	0.21%	25.61%
Taiwan Semicond Manufac Co L Shs	Information Technology	\$683,039	2.7%	26.79%	489.11	24.72	1.89%	20.69%
Alibaba Group Hldg Ltd Sponsored Ads	Consumer Discretionary	\$514,302	2.1%	(18.35)%	629.68	19.46	0.00%	25.20%
Taiwan Semiconductor Mfg Co Ltd Spon	Information Technology	\$462,062	1.8%	37.69%	489.11	24.72	1.89%	20.69%
Ping An Insurance H	Financials	\$323,460	1.3%	23.04%	91.25	9.62	2.44%	8.04%
Vale Sa Shs	Materials	\$256,093	1.0%	60.54%	88.97	6.43	4.37%	25.10%
China Construction Bank Shs H	Financials	\$221,402	0.9%	19.92%	182.63	4.81	5.94%	3.07%
Reliance Industries Ltd Shs Demateri	Energy	\$217,845	0.9%	(10.28)%	172.25	22.40	0.32%	15.39%
Sk Hynix Inc Shs	Information Technology	\$192,872	0.8%	51.85%	79.41	12.26	0.84%	76.08%

#### **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
Magnum Intl.Hdg.	Financials	\$84	0.0%	584.39%	0.90	(26.45)	0.13%	(23.30)%
Adcorp	Industrials	\$173	0.0%	323.41%	0.06	(2.14)	0.00%	-
L&k Biomed	Health Care	\$847	0.0%	301.92%	0.48	(2776.15)	0.00%	-
Kartonsan Karton Sanayi	Materials	\$1,447	0.0%	272.54%	0.96	71.84	0.16%	10.71%
Gcl Poly Energy Holdings Ltd Shs	Information Technology	\$15,789	0.1%	248.64%	3.35	(79.50)	0.00%	(3.89)%
Jin Cai Holdings Company	Materials	\$966	0.0%	244.56%	1.07	17.00	4.58%	(8.77)%
Luoyang Glass H	Industrials	\$269	0.0%	240.96%	0.26	47.82	0.00%	
Adhi Karya	Industrials	\$942	0.0%	225.14%	0.39	13.75	1.21%	(3.56)%
Yang Ming Marine Transport Shs	Industrials	\$9,672	0.0%	210.81%	2.73	23.11	0.00%	27.84%
500 Com Ltd Spon Adr Rep A	Consumer Discretionary	\$224	0.0%	209.38%	0.39	(16.25)	0.00%	-

#### **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
Grupo Carso	Industrials	\$7,425	0.0%	(98.50)%	7.55	22.81	1.45%	(2.81)%
Hebei Construction Group H	Industrials	\$11	0.0%	(70.27)%	0.25	7.38	3.31%	(4.84)%
Kayee International Group	Pooled Vehicles	\$17	0.0%	(67.44)%	0.06	(30.48)	12.55%	(48.07)%
Labgenomics	Health Care	\$469	0.0%	(42.68)%	0.20	1.68	0.00%	-
Beijing Jetsen Tech.'a'	Information Technology	\$405	0.0%	(42.42)%	1.27	10.89	0.00%	(6.44)%
Gsx Techedu Inc	Consumer Discretionary	\$746	0.0%	(40.82)%	6.64	(110.73)	0.00%	-
Shn.Hifuture Elec.'a'	Industrials	\$33	0.0%	(40.17)%	0.52	162.50	0.00%	-
Digital Power Comms.	Information Technology	\$1,213	0.0%	(39.86)%	0.34	25.79	0.90%	(2.46)%
Beijing Chunlizhengda Med.Insts.'h'	Health Care	\$352	0.0%	(38.59)%	0.27	15.43	0.00%	74.39%
Shimao China Hdg. Ltd.	Real Estate	\$26,557	0.1%	(38.54)%	11.27	4.74	5.87%	12.38%



#### Metropolitan West Period Ended December 31, 2020

#### **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.

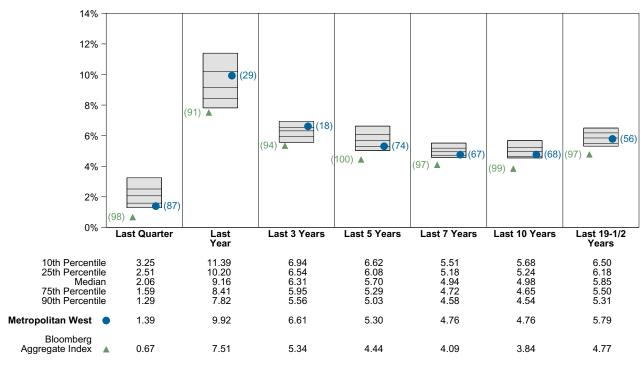
#### **Quarterly Summary and Highlights**

- Metropolitan West's portfolio posted a 1.39% return for the quarter placing it in the 87 percentile of the Callan Core Plus Fixed Income group for the quarter and in the 29 percentile for the last year.
- Metropolitan West's portfolio outperformed the Bloomberg Aggregate Index by 0.72% for the quarter and outperformed the Bloomberg Aggregate Index for the year by 2.42%.

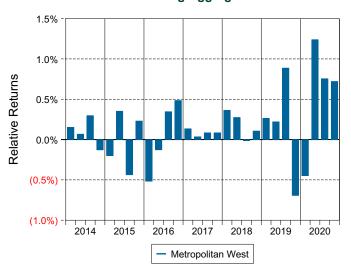
#### **Quarterly Asset Growth**

Beginning Market Value	\$98,632,389
Net New Investment	\$0
Investment Gains/(Losses)	\$1,370,518
Ending Market Value	\$100,002,908

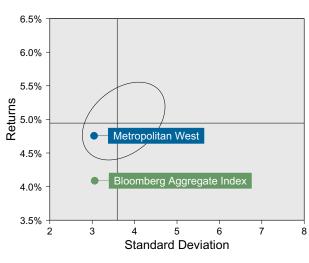
#### Performance vs Callan Core Plus Fixed Income (Gross)



#### Relative Returns vs Bloomberg Aggregate Index



## Callan Core Plus Fixed Income (Gross) Annualized Seven Year Risk vs Return



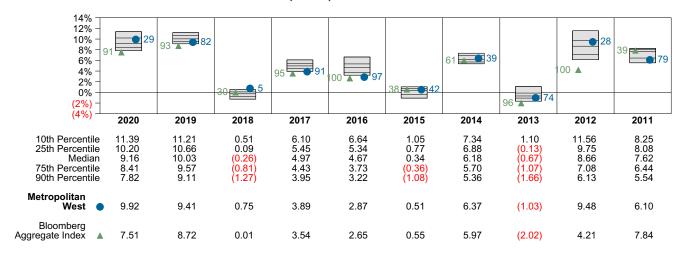


#### Metropolitan West Return Analysis Summary

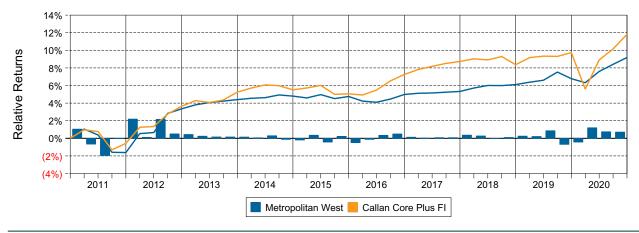
#### **Return Analysis**

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.

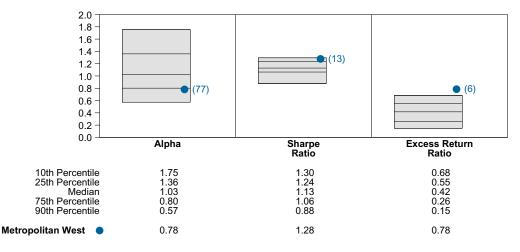
#### Performance vs Callan Core Plus Fixed Income (Gross)



#### Cumulative and Quarterly Relative Return vs Bloomberg Aggregate Index



Risk Adjusted Return Measures vs Bloomberg Aggregate Index Rankings Against Callan Core Plus Fixed Income (Gross) Seven Years Ended December 31, 2020



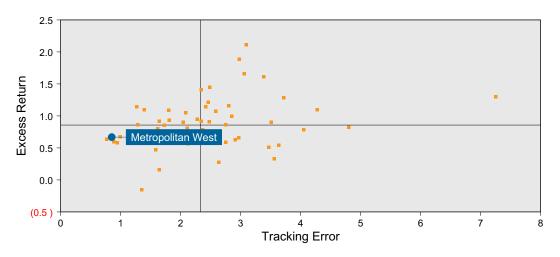


#### Metropolitan West Risk Analysis Summary

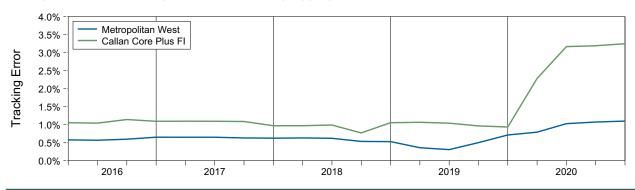
#### **Risk Analysis**

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.

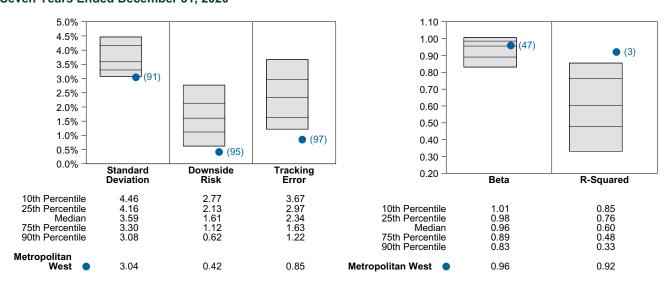
#### Risk Analysis vs Callan Core Plus Fixed Income (Gross) Seven Years Ended December 31, 2020



Rolling 12 Quarter Tracking Error vs Bloomberg Aggregate Index



Risk Statistics Rankings vs Bloomberg Aggregate Index Rankings Against Callan Core Plus Fixed Income (Gross) Seven Years Ended December 31, 2020



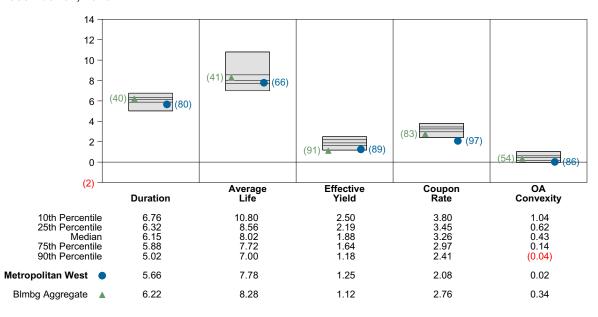


#### Metropolitan West Bond Characteristics Analysis Summary

#### **Portfolio Characteristics**

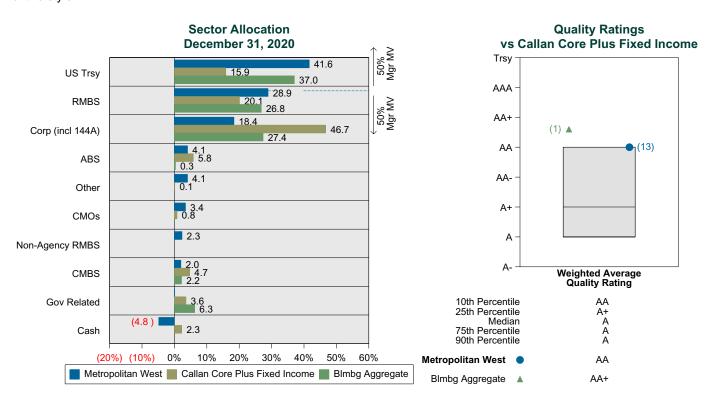
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

#### Fixed Income Portfolio Characteristics Rankings Against Callan Core Plus Fixed Income as of December 31, 2020



#### **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.

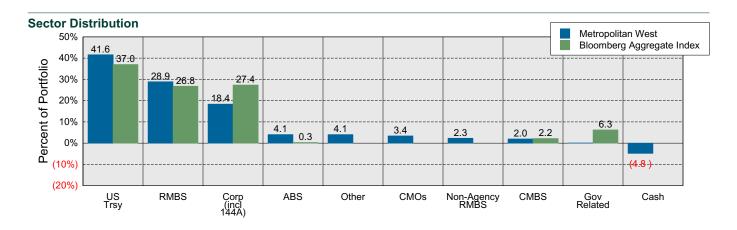


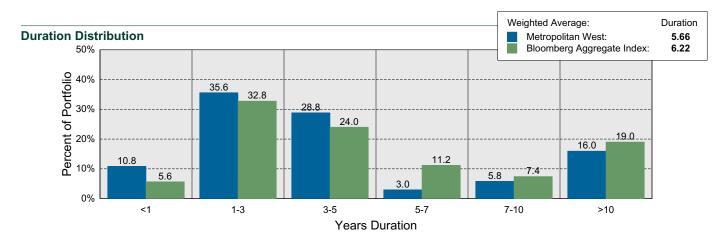


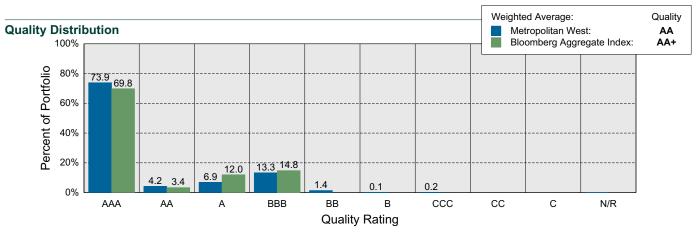
#### Metropolitan West Portfolio Characteristics Summary As of December 31, 2020

#### **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**

Rising Declining Periods refer to the sub-asset class cycles vis-a-vis the broader asset class. This is determined by evaluating the cumulative relative sub-asset class index performance to that of the broader asset class index. For example, to determine the Growth Style cycle, the S&P 500 Growth Index (sub-asset class) performance is compared to that of the S&P 500 Index (broader asset class).

**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.





4th Quarter 2020

## **Research and Educational Programs**

The Callan Institute provides 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/research-library to see all of our publications, and www.callan.com/blog to view our blog. For more information contact Barb Gerraty at 415-274-3093 / institute@callan.com.

#### **New Research from Callan's Experts**

Under the Hood of Alternative Beta: Hedge Fund Monitor, 3rd Quarter 2020 | In this quarter's Hedge Fund Monitor, Jim McKee explains and analyzes the newly introduced set of alternative risk premia (ARP) indices from Bloomberg and Goldman Sachs Asset Management. This index suite can help institutional investors evaluate the performance of their strategies that use ARP solutions.

A Primer on Green Building Certifications | This essay by real assets consultant Aaron Quach examines "green building certifications," which seek to establish standards for sustainability and are used to assess the performance of a building or other commercial real estate project. Real estate investment managers can reduce their carbon footprint by acquiring buildings that are green-certified, obtaining certifications for existing properties, or developing new properties that will be green-certified.

Research Cafe: Private Equity | In this coffee break webinar session, private equity experts Pete Keliuotis and Ashley DeLuce used the results of our exclusive *Private Equity Fees and Terms Study* to provide actionable insights for institutional investors to help them negotiate with private equity managers.

#### **Blog Highlights**

<u>Will Boring Still Be Beautiful?</u> | A simple, "boring" glidepath beat a diversified one over the last 10 years. Will that continue?

<u>The Kids Are Alright</u> | Private equity is doing quite well given the disruptions caused by the COVID-19 pandemic.

#### DOL Issues Final Rule on Selecting Plan Investments

The Department of Labor (DOL) issued its final rule providing guidance to plan sponsors on the financial factors to consider when evaluating plan investments, a follow-up to its proposed environmental, social, and governance (ESG) rule released four months ago. In the final rule, the DOL modified the ESG rule, most notably removing references to ESG and instead focusing on pecuniary versus non-pecuniary factors.

The Private Equity Playbook: Playing Offense | Investors should maintain strong oversight of the in-place private equity program, particularly after periods of disruption.

Macroeconomic Alphabet Soup: V, W, L, U, or K? | While certain sectors of the economy have rebounded more quickly than expected, the trajectory of the recovery is still unclear.

#### **Quarterly Periodicals**

<u>Private Equity Trends, 3Q20</u> | A high-level summary of private equity activity in the quarter through all the investment stages

Active vs. Passive Charts, 3Q20 | A comparison of active managers alongside relevant benchmarks over the long term

Market Pulse Flipbook, 3Q20 | A quarterly market reference guide covering trends in the U.S. economy, developments for institutional investors, and the latest data on the capital markets

<u>Capital Markets Review, 3Q20</u> | Analysis and a broad overview of the economy and public and private market activity each quarter across a wide range of asset classes

Hedge Fund Quarterly, 3Q20 | Commentary on developments for hedge funds and multi-asset class (MAC) strategies

Real Assets Reporter, 3Q20 | In this quarter's edition, Munir Iman provides analysis of the performance of real estate and other real assets in 3Q20.

#### **Events**

Miss out on a Callan conference or workshop? Event summaries and speakers' presentations are available on our website: callan.com/research-library

Please mark your calendar and look forward to upcoming invitations:

#### March Workshop—Virtual

A Fresh Look at Fixed Income—Generating Yield in a Zero Interest Rate Environment

March 25, 2021, at 9:00 am

#### 2021 National Conference Summer 2021

For more information about events, please contact Barb Gerraty: 415-274-3093 / gerraty@callan.com

#### **Education: By the Numbers**

Unique pieces of research the Institute generates each year

Attendees (on average) of the Institute's annual National Conference

**3,700** Total attendees of the "Callan College" since 1994

#### **Education**

Founded in 1994, the "Callan College" offers educational sessions for industry professionals involved in the investment decision-making process.

# Introduction to Investments—Virtual April 13-15, 2021

This program familiarizes institutional investor trustees and staff and asset management advisers with basic investment theory, terminology, and practices. It is held over three days with virtual modules of 2.5-3 hours. This course is designed for individuals with less than two years of experience with asset-management oversight and/or support responsibilities. Tuition is \$950 per person and includes instruction and digital materials.

Additional information including registration can be found at: callan.com/events/april-intro-college-virtual/

# Introduction to Investments—In Person July 14-15, 2021, in San Francisco

This program familiarizes institutional investor trustees and staff and asset management advisers with basic investment theory, terminology, and practices. It lasts one-and-a-half days and is designed for individuals with less than two years of experience with asset-management oversight and/or support responsibilities. Tuition is \$2,350 per person and includes instruction, all materials, breakfast and lunch on each day, and dinner on the first evening with the instructors.

Additional information including dates and registration can be found at: <a href="mailto:callan.com/events/july-intro-college/">callan.com/events/july-intro-college/</a>



"Research is the foundation of all we do at Callan, and sharing our best thinking with the investment community is our way of helping to foster dialogue to raise the bar across the industry."

Greg Allen, CEO and Chief Research Officer







## Callan

Quarterly List as of December 31, 2020

#### 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 ongoing 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. Please note that if an investment manager receives a product or service on a complimentary basis (e.g., attending an educational event), they are not included in the list below. 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.

Manager Name
Aberdeen Standard Investments
Acadian Asset Management LLC
AEGON USA Investment Management Inc.
AllianceBernstein
Allianz
American Century Investments
Amundi Pioneer Asset Management
AQR Capital Management
Ares Management LLC
Ariel Investments, LLC
Aristotle Capital Management, LLC
Atlanta Capital Management Co., LLC
Aviva Investors Americas
AXA Investment Managers
Baillie Gifford International, LLC
Baird Advisors
Baron Capital Management, Inc.
Barrow, Hanley, Mewhinney & Strauss, LLC

Manager Name
BlackRock
BMO Global Asset Management
BNP Paribas Asset Management
BNY Mellon Asset Management
Boston Partners
Brandes Investment Partners, L.P.
Brandywine Global Investment Management, LLC
Brown Brothers Harriman & Company
Cambiar Investors, LLC
Capital Group
Carillon Tower Advisers
CastleArk Management, LLC
Causeway Capital Management LLC
Chartwell Investment Partners
ClearBridge Investments, LLC
Cohen & Steers Capital Management, Inc.
Columbia Management Investments
Columbus Circle Investors

**Manager Name** 

Credit Suisse Asset Management

D.E. Shaw Investment Management, L.L.C.

DePrince, Race & Zollo, Inc.

Dimensional Fund Advisors LP

Doubleline

Duff & Phelps Investment Management Co.

**DWS** 

EARNEST Partners, LLC

**Eaton Vance Management** 

Epoch Investment Partners, Inc.

Fayez Sarofim & Company

Federated Hermes, Inc.

Fidelity Institutional Asset Management

Fiera Capital Corporation

First Hawaiian Bank Wealth Management Division

First Sentier Investors (formerly First State Investments)

Fisher Investments

Franklin Templeton

Fred Alger Management, Inc.

GAM (USA) Inc.

GCM Grosvenor

Glenmeade Investment Management, LP

GlobeFlex Capital, L.P.

Goldman Sachs

Green Square Capital Advisors, LLC

Guggenheim Investments

**GW&K Investment Management** 

Harbor Capital Group Trust

Hartford Investment Management Co.

Heitman LLC

Hotchkis & Wiley Capital Management, LLC

Income Research + Management, Inc.

Insight Investment

Intech Investment Management, LLC

Intercontinental Real Estate Corporation

Invesco

Ivy Investments

J.P. Morgan

Janus

Jennison Associates LLC

**Manager Name** 

Jobs Peak Advisors

KeyCorp

Lazard Asset Management

Legal & General Investment Management America

Lincoln National Corporation

Longview Partners

Loomis, Sayles & Company, L.P.

Lord Abbett & Company

Los Angeles Capital Management

LSV Asset Management

MacKay Shields LLC

Macquarie Investment Management (MIM)

Manulife Investment Management

Marathon Asset Management, L.P.

McKinley Capital Management, LLC

Mellon

MetLife Investment Management

MFS Investment Management

MidFirst Bank

Mondrian Investment Partners Limited

Montag & Caldwell, LLC

Morgan Stanley Investment Management

Mountain Pacific Advisors, LLC

MUFG Union Bank, N.A.

Natixis Investment Managers

Neuberger Berman

**Newton Investment Management** 

Nikko Asset Management Co., Ltd.

Nile Capital Group LLC

Ninety One North America, Inc. (formerly Investec Asset Mgmt.)

Northern Trust Asset Management

Nuveen

P/E Investments

Pacific Investment Management Company

Parametric Portfolio Associates LLC

Pathway Capital Management

Peregrine Capital Management, LLC

Perkins Investment Management

PFM Asset Management LLC

**PGIM Fixed Income** 



**Manager Name** 

PineBridge Investments

PNC Capital Advisors, LLC

Polen Capital Management

Principal Global Investors

Putnam Investments, LLC

QMA LLC

**RBC Global Asset Management** 

Regions Financial Corporation

Robeco Institutional Asset Management, US Inc.

Rothschild & Co. Asset Management US

S&P Dow Jones Indices

Schroder Investment Management North America Inc.

**SLC Management** 

Smith Graham & Co. Investment Advisors, L.P.

State Street Global Advisors

Stone Harbor Investment Partners L.P.

Strategic Global Advisors

T. Rowe Price Associates, Inc.

The TCW Group, Inc.

**Manager Name** 

Thompson, Siegel & Walmsley LLC

Thornburg Investment Management, Inc.

Tri-Star Trust Bank

**UBS Asset Management** 

**USAA Real Estate** 

VanEck

Versus Capital Group

Victory Capital Management Inc.

Virtus Investment Partners, Inc.

Vontobel Asset Management, Inc.

Voya

WCM Investment Management

WEDGE Capital Management

Wellington Management Company LLP

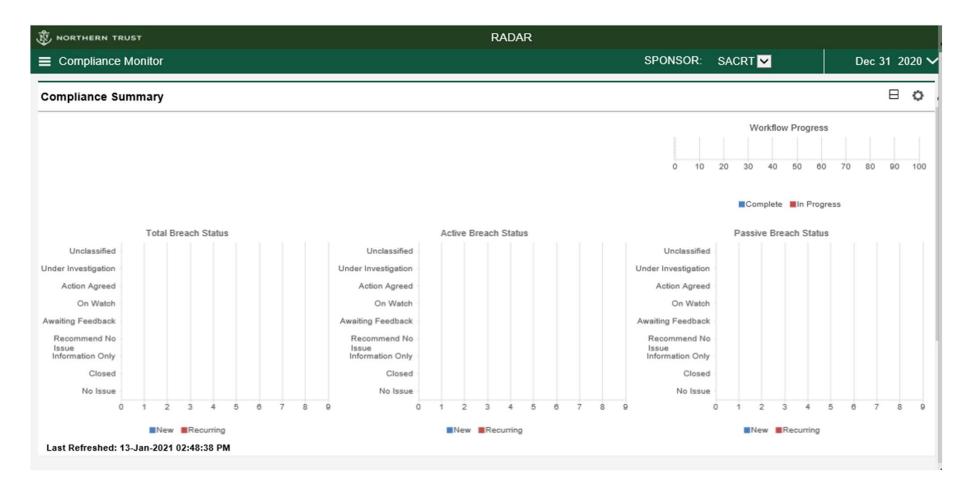
Wells Fargo Asset Management

Western Asset Management Company LLC

Westfield Capital Management Company, LP

William Blair & Company LLC





NOTE: If the charts do not have populated bar graphs, there were no compliance violations.



# RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 24

**TO:** Sacramento Regional Transit Retirement Board – AEA/AFSCME/MCEG

**FROM:** John Gobel, Manager, Pension and Retirement Services

**SUBJ:** Receive Information on Status of Salaried Retirement Plan Experience

and Valuation Studies and Actuarially Determined Contribution Rates

(AEA/AFSCME/MCEG). (Gobel)

#### **RECOMMENDATION**

No Recommendation - Information Only

#### RESULT OF RECOMMENDED ACTION

Cheiron, Inc., the Retirement Plans' actuary, will complete a new actuarial experience study and valuations based upon direction provided by the Retirement Boards on relevant actuarial assumptions.

#### FISCAL IMPACT

There is no fiscal impact associated with this Informational Staff Report.

#### **DISCUSSION**

In keeping with best practice, experience studies are updated approximately every five years and actuarial valuations are prepared on an annual basis in order to set pension systems' actuarially-determined contribution rates.

Cheiron conducted the Retirement Boards' last experience study in 2016, leading the Retirement Boards to alter their actuarial assumptions and resulting in contribution changes which were implemented over a three-year phase-in period.

At this March 10, 2021 meeting, Cheiron will provide the Retirement Boards with an update on a new experience study currently underway and offer a preliminary assessment of the actuarial valuation based on demographic data and asset information for the fiscal year ended June 30, 2020. Cheiron will also discuss how demographic and investment activity affect the funded status and contribution requirements for each Retirement Plan.

As in 2016, the new experience study likely will result in recommended changes to the Plans' economic assumptions (e.g., lowering the assumed rate of return on investments, which is referred to as the "discount rate"). The Boards will be provided with information on how these assumptions could affect the Plans' measures of unfunded actuarial liability and associated costs. Cheiron will also discuss potential changes to the plan's actuarial



## RETIREMENT BOARD STAFF REPORT

funding policies to address the impact of potential assumption changes, such as by phasing in the effects of assumption changes. Based on this information, the Retirement Boards will be asked to provide input required for Cheiron to complete their work on the experience study and actuarial valuations.

Following receipt of this direction from the Retirement Boards, Cheiron will finalize its evaluation of demographic data for the latest fiscal year and complete the new experience study and actuarial valuation reports. Staff and Cheiron anticipate seeking action on both reports at a special Retirement Board meeting on April 28, 2021. At that time, Cheiron will provide tentative Classic and PEPRA contribution rates for adoption by each Retirement Board. The rates will then be subject to implementation by the Sacramento Regional Transit District as part of the Fiscal Year 2020-21 budget process.

Informational material regarding this agenda item will be provided by Cheiron to the Retirement Boards at the March 10, 2021 meeting.



## RETIREMENT BOARD STAFF REPORT

DATE: March 10, 2021 Agenda Item: 25

**TO:** Sacramento Regional Transit Retirement Board – ALL

**FROM:** John Gobel, Manager, Pension and Retirement Services

**SUBJ:** DISCUSSION OF ROLES AND RESPONSIBILITIES RELATED TO

PENSION ADMINISTRATION FOR QUARTER ENDED DECEMBER 31.

2020 (ALL). (Gobel)

#### RECOMMENDATION

No Recommendation - Information Only

#### **RESULT OF RECOMMENDED ACTION**

No recommended action.

#### FISCAL IMPACT

There is no fiscal impact associated with this action.

#### DISCUSSION

Every quarter, three reports are distributed to apprise the Retirement Boards of the functions performed by Staff and Legal Counsel in support of the pension plans. For reference, the reports prepared for the quarter ended December 31, 2020 are attached for your review and enumerated below:

Attachment A – Pension Administration Staff Roles and Responsibilities

Attachment B – RT Staff Costs Attributable and Charged to RT Pension Plans

Attachment C – Summary of Legal Services Provided for the Quarter Ended

December 31, 2020

As noted in the Staff Report reviewed by the Boards at their meeting on December 9, 2020, staff roles and responsibilities are changing, following the hire of a new Manager for Pension and Retirement Services and an additional Retirement Services Analyst. Notably, as of February 2021, Pension Administration staff became responsible for the extraction and analysis of the payroll records used to determine retirees' "Final Monthly Compensation", previously performed by SacRT's payroll staff. This is expected to streamline workflow for new pension calculations and improve current processing times.

# Pension Administration Staff Roles and Responsibilities

## **Pension Plan Member Relations:**

Task	Primary Responsibility	Back Up Responsibility
Respond to Employee and Retiree Inquiries	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Research and Address Benefit Discrepancies	Manager - Pension & Retirement	Retirement Services Analysts (I & II)
Conduct Educational Sessions	Manager - Pension & Retirement	Retirement Services Analyst II
Create Pension Estimates	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Process Disability Retirements	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Process Employee and Retiree Deaths	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Administer Active and Term Vested Retirement Process	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Prepare 48-Month Salary Calculations	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Verify Retiree Wages: gross pay, net wages, no pre-tax deductions, taxes	Retirement Service Analysts (I & II), Payroll Analyst	Payroll Supervisor
Facilitate Employees' Required Contributions (per contracts and/or PEPRA)	Retirement Services Analysts (I & II)	Manager - Pension & Retirement
Convert Employees to Retirees in SAP	Retirement Services Analysts (I & II)	Sr. HR Analyst - HRIS
Conduct Lost Participant Searches and Related Processes for Returned Checks/stubs	Retirement Services Analyst I	Retirement Services Analyst II
Retiree Medical – Initial Enrollment	Sr. HR Analyst	HR Department
Print, Stuff and Mail Pay Stubs	Payroll Analyst	Payroll Supervisor
Manage Stale and Lost Check Replacement	Payroll Analyst	Payroll Supervisor
Issue Copies of Retiree Pay Stubs and 1099-R Forms	Payroll Analyst	Payroll Supervisor

#### **Plan Documents:**

Task	Primary Responsibility	Back Up Responsibility
Negotiate Benefits, Provisions	Director, Labor Relations	To be determined
Incorporate Negotiated Benefits/Provisions into Plan Documents	Chief Counsel, RT	External Counsel
Interpret Plan Provisions	Manager – Pension & Retirement, Hanson Bridgett	Chief Counsel, RT

Provide Guidance to Staff Regarding New Plan Provisions & Regulations	Manager – Pension & Retirement, Hanson Bridgett	Chief Counsel, RT
a regulations		

## **Contracting & Contract Administration:**

Task	Primary Responsibility	Back Up Responsibility
Contract Management, including Oversight of RFP Processes	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance
Legal Services (Hanson Bridgett) Contract Procurement	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance
Actuarial Services (Cheiron) Contract Procurement	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance
Investment Manager Services (Callan) Contract Procurement	Accountant II, AVP - Finance & Treasury	VP - Finance
Ensure Adherence to Contract Provisions	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance
Process Retirement Board Vendor Invoices	Retirement Services Analyst II	Manager - Pension & Retirement
Pay Invoices	AVP - Finance & Treasury, Manager – Pension & Retirement	VP - Finance
Collect Form 700 Statements of Economic Interests from Retirement Board Vendors	Retirement Services Analyst I	Manager - Pension & Retirement

## **Retirement Board Meetings:**

Task	Primary Responsibility	Back Up Responsibility	
Manage Retirement Board Meeting Content and Process	Manager - Pension & Retirement	AVP - Finance & Treasury	
Draft Staff Reports and Resolutions, Compile Attachments	Staff Presenting Issue to Board, Hanson Bridgett	Manager – Pension & Retirement, AVP - Finance & Treasury	
Develop and Post Retirement Board Agenda Materials	Retirement Services Analyst I	Manager - Pension & Retirement	
Set-up and Moderate Retirement Board Meetings	Retirement Services Analyst I	Manager - Pension & Retirement	

## **Retirement Board Administration:**

Task	Primary Responsibility	Back Up Responsibility
Train Staff/Board Members	Manager – Pension & Retirement, AVP - Finance & Treasury	Staff/Vendor Subject Matter Expert
Prepare and Process Travel Arrangements for Retirement Board Members for Training	Retirement Services Analyst I	Manager - Pension & Retirement
Facilitate Annual Fiduciary Liability Insurance Renewal	Manager – Pension & Retirement	AVP - Finance & Treasury

Collect Fiduciary Insurance Payments from Retirement Board Members	Retirement Services Analyst I	Manager - Pension & Retirement
Develop and Administer Retirement Board Policies	Manager – Pension & Retirement, AVP - Finance & Treasury, Hanson Bridgett	VP - Finance
Respond to Public Records Act Requests	Manager – Pension & Retirement	AVP - Finance & Treasury

## **Coordinate Actuarial Activities:**

Task	Primary Responsibility	Back Up Responsibility
Valuation Study and Establish Contribution Rates (annual)	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance
Experience Study (every 3-5 years)	Manager – Pension & Retirement, AVP - Finance & Treasury	VP - Finance

## **Asset Management:**

Task	Primary Responsibility	Back Up Responsibility	
Asset Rebalancing	Accountant II	AVP - Finance & Treasury	
Account Reconciliations	Accountant II	AVP - Finance & Treasury	
Cash Transfers	Accountant II	AVP - Finance & Treasury	
Fund Accounting	Accountant II	AVP - Finance & Treasury	
Investment Management	Accountant II	AVP - Finance & Treasury	
Financial Statement Preparation	Accountant II	AVP - Finance & Treasury	
Annual Audit	Accountant II	AVP - Finance & Treasury	
State Controller's Office Reporting	Accountant II	AVP - Finance & Treasury	
U.S. Census Bureau Reporting	Accountant II	AVP - Finance & Treasury	
Work with Investment advisors (Callan), Custodian (Northern Trust), Fund Managers, Auditors, and Actuary (Cheiron)	Accountant II	AVP - Finance & Treasury	
Review Monthly Asset Rebalancing	Accountant II	AVP - Finance & Treasury	
Review/Update of Statement of Investment Objectives and Policy Guidelines management (at least annually)	Accountant II	AVP - Finance & Treasury	

# Pension Administration Costs For the Time Period: October 1, 2020 to December 31, 2020

WBS Element	Source object name	Per	Total
SAXXXX.PENATU	Finance And Treasury / Matthews, Rosalie	004	1,568.56
		005	1,400.50
		006	1,232.4
	Finance And Treasury / Gobel, John	004	196.58
		005	2,072.95
		006	1,840.6
	Finance And Treasury / Mathew, Jessica	005	388.08
		006	1,171.70
SAXXXX.PENATU Total			9,871.48
SAXXXX.PENIBEW	Finance And Treasury / Matthews, Rosalie	004	560.20
		005	392.14
		006	224.08
	Finance And Treasury / Gobel, John	004	330.60
		005	473.59
		006	151.9
	Finance And Treasury / Mathew, Jessica	005	671.6
		006	291.0
SAXXXX.PENIBEW Total			3,095.20
SAXXXX.PENSALA	Finance And Treasury / Matthews, Rosalie	004	504.1
		005	560.2
		006	336.1
	Finance And Treasury / Gobel, John	004	107.2
		005	1,215.2
		006	1,188.39
	Finance And Treasury / Mathew, Jessica	006	223.90
SAXXXX.PENSALA Total			4,135.2
SAXXXX.PENSION	Finance And Treasury / Adelman, Jamie	004	1,687.3
		005	1,598.50
		006	2,131.4
	Finance And Treasury / Mata, Jennifer	004	858.99
		005	737.58
	VP, Finance/CFO / Bernegger, Brent	004	334.40
	Board Support / Brooks, Cynthia	004	41.8
	Finance And Treasury / Volk, Lynda	004	2,907.14
		005	2,471.0
		006	2,637.1
	Finance And Treasury / Matthews, Rosalie	004	2,576.9
		005	2,576.9
		006	3,753.3
	Finance And Treasury / Lee, Margaret	004	1,818.5
		005	1,493.1
		006	74.0
	Finance And Treasury / Gobel, John	005	384.2
		006	3,815.2
	Finance And Treasury / Mathew, Jessica	005	388.0
		006	3,918.0
SAXXXX.PENSION Total			36,204.0
Grand Total			53,306.00



# 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 December 31, 2020.

- 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 Retirement Board Meetings, including review and markup of agenda materials and related Board Chair conference calls.
- 3. Preparation for and participation in new Board Member training and AB 1234-compliant government ethics training.
- 4. Preparation for and participation in Special ATU Retirement Board Meeting to review disability retirement application.
- 5. Preparation for and attend interviews for Pension & Retiree Services Manager recruitment.
- 6. Review and advise on Plan participant communications with staff.
- 7. Provide counsel on issues including, but not limited to:
  - a. Fund manager contracts;
  - b. Contribution refunds for PEPRA members;
  - Proposed Plan document restatements;
  - d. Domestic relations orders:
  - e. Medical examination service providers and request for proposals process:
  - f. Rehired members:
  - g. Fiduciary duties.

Respectfully Submitted,

/s/ Shayna M. van Hoften