

## Sacramento Regional Transit District

## Agenda

## **COMBINED MEETING OF THE** RETIREMENT BOARDS FOR THE EMPLOYEES AND RETIREES OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT WEDNESDAY, MARCH 19, 2025 AT 1:00 P.M. SACRAMENTO REGIONAL TRANSIT Q STREET AUDITORIUM 1102 Q STREET, 4<sup>TH</sup> FLOOR, SUITE 4600

(13th Street Light Rail Station)

Website Address: www.sacrt.com

<u>MEETING NOTE:</u>	pension plans for the emplo District. This single, combined by which board(s). Member	meeting of the five independent Retirement Boards for the oyees and retirees of the Sacramento Regional Transit d agenda designates which items will be subject to action s of each board may be present for the other boards' ept during individual closed sessions.
ROLL CALL	ATU Retirement Board:	Directors: Li, Valenton, McGee Lee, Scott Alternates: Selenis, Smith
	IBEW Retirement Board:	Directors: Li, Valenton, Pickering Alternates: Selenis, D. Thompson
	AEA Retirement Board:	Directors: Li, Valenton, Devorak, McGoldrick Alternates: Selenis, Santhanakrishnan
	AFSCME Retirement Board:	Directors: Li, Valenton, Guimond, L. Thompson Alternates: Selenis, Elder
	MCEG Retirement Board:	Directors: Li, Valenton, Bobek, Hinz Alternates: Selenis, 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 Card" to the Assistant Secretary. While the Retirement Boards encourage your comments, State law prevents the Boards from discussing items that are not set forth on this meeting agenda. The Boards and staff take your comments very seriously and, if appropriate, will follow up on them.

## **CONSENT CALENDAR**

		<u>ATU</u>	<u>IBEW</u>	<u>AEA</u>	<b>AFSCME</b>	MCEG
1. Motion:	Approving the Minutes for the February 26, 2025 Special Retirement Board Meeting (ATU). (Gobel)					
2. Motion:	Approving the Minutes for the February 26, 2025 Special Retirement Board Meeting (IBEW). (Gobel)		$\boxtimes$			
3. Motion:	Approving the Minutes for the February 26, 2025 Special Retirement Board Meeting (AEA), (Gobel)			$\boxtimes$		

## AGENDA FOR 3/19/2025 MEETING OF THE RETIREMENT BOARDS FOR THE EMPLOYEES AND RETIREES OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT

<b>CONSENT CA</b>	LENDAR (CONTINUED)					
4. Motion:	Approving the Minutes for the February 26, 2025 Special Retirement Board Meeting (AFSCME). (Gobel)			AEA	AFSCME	
5. Motion:	Approving the Minutes for the February 26, 2025 Special Retirement Board Meeting (MCEG). (Gobel)					
6. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2024 for the ATU Pension Plan (ATU). (Johnson)					
7. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2024 for the IBEW Pension Plan (IBEW). (Johnson)		$\boxtimes$			
8. Motion:	Receive and File Administrative Reports for the Quarter Ended December 31, 2024 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Johnson)					
9. Motion:	Receive and File the Fiscal Year 2024 State Controller's Report for the ATU Pension Plan (ATU). (Johnson)					
10. Motion:	Receive and File the Fiscal Year 2024 State Controller's Report for the IBEW Pension Plan (IBEW). (Johnson)		$\boxtimes$			
11. Motion:	Receive and File the Fiscal Year 2024 State Controller's Report for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Johnson)					
12. Motion:	Receive and File the Financial Statements with Independent Auditor's Report for the Twelve-Month Period Ended June 30, 2024 (ALL). (Johnson)					
13. Information:	Update on Roles and Responsibilities Related to Pension Administration (ALL). (Gobel)				$\boxtimes$	
NEW BUSINES	<u>SS</u>	A <b>T</b> . I	IDEW/		4 F00MF	мого
14. Information:	Investment Performance Review of the Real Estate Asset Class by Clarion Partners for the ATU, IBEW and Salaried Employee Retirement Funds for the Quarter Ended December 31, 2024 (ALL). (Johnson)	× AIU	⊠ IBEM	AEA	AFSCME	MCEG
15. Motion:	Receive and File Investment Performance Results for the ATU, IBEW, and Salaried Employee Retirement Plans for the Quarter Ended December 31, 2024 (ALL). (Johnson				$\boxtimes$	
16. Resolution:	Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26 (ATU). (Gobel)					
17. Resolution:	Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26 (IBEW). (Gobel)		$\boxtimes$			
18. Resolution:	Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26 (AEA/AFSCME/MCEG). (Gobel)				$\boxtimes$	

## AGENDA FOR 3/19/2025 MEETING OF THE RETIREMENT BOARDS FOR THE EMPLOYEES AND RETIREES OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT

## **REPORTS, IDEAS AND COMMUNICATIONS**

19. Information: Senior Manager, Pension & Retirement Services, Verbal Update

(ALL). (Gobel)

ATU IBEW AEA AFSCME MCEG

(AEG AFSCME MCEG AFSCME MCEG

(ALC). (Gobel)

## **ADJOURN**

#### NOTICE TO THE PUBLIC

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

This agenda may be amended up to 72 hours prior to the meeting. An agenda, in final form, is posted to SacRT's website at www.sacrt.com and at the front of the Sacramento Regional Transit District's administration building on 1102 Q Street. Persons requiring accessible formats of the agenda or assisted listening devices/sign language interpreters should contact the Retirement Services Administrator at (916) 556-0296 (voice) or (916) 483-4327 (TDD) at least 72 business hours in advance of the Board meeting.

Any staff reports or other documentation submitted for items on the agenda are available online at www.sacrt.com, on file with the Retirement Services Administrator and the Clerk to the Board of Directors of the Sacramento Regional Transit District, and available for public inspection at 1400 29th Street, Sacramento, CA. Persons with questions regarding those materials should contact the Retirement Services Administrator (916) 556-0296.

# Sacramento Regional Transit District Special Retirement Board Meeting (MCEG) Wednesday, February 26, 2025 Meeting Minutes

This meeting was held as a common meeting of the Sacramento Regional Transit District Retirement Boards (AEA, AFSCME, ATU, IBEW, MCEG).

The Retirement Board was brought to order at 1:02 p.m. A quorum was present and comprised as follows: Director Valenton, Alternate Selenis, Director Bobek, and Director Hinz. Alternate Flores also attended the meeting but could not and did not vote on any items before the Retirement Board. Director Li was absent.

## **GOVERNANCE**

1. Resolution: Election of Common Chair and Common Vice Chair (ALL). (Gobel)

John Gobel, Senior Manager of Pension and Retirement Services, advised the Boards of Patrick Kennedy's decision to resign from the Retirement Boards, as well as the appointment of Director Shelly Valenton to serve the remainder of Director Kennedy's four-year term and the appointment of Devra Selenis to serve the remainder of the Alternate Director term vacated by Ms. Valenton.

Mr. Gobel explained that, given these changes among the Common Directors, the Retirement Boards could elect a new Common Chair and Common Vice Chair to preside over joint meetings of two or more Boards. Mr. Gobel also explained that the nominations and votes for Common Chair and Common Vice Chair could only consider Directors who are members of all five Retirement Boards -- currently Director Henry Li and Director Shelly Valenton.

Director Valenton moved to elect Director Li as Common Chair and herself as Common Vice Chair. The Motion was seconded by Alternate Selenis. The motion carried unanimously by roll call vote: Ayes – Bobek, Hinz, Valenton, and Selenis; Noes – None.

Director Valenton presided over the remainder of this meeting as Common Vice Chair of the Retirement Boards.

## **CONSENT CALENDAR**

12. Motion: Approving the Minutes for the December 18, 2024 Quarterly Retirement Board Meeting (MCEG). (Gobel)

Director Valenton moved to adopt Agenda Item 12. The motion was seconded by Alternate Selenis. Agenda Item 12 was carried unanimously by roll call vote: Ayes – Bobek, Hinz, Valenton, and Selenis; Noes – None.

## February 26, 2025 Meeting Minutes – Continued

## **NEW BUSINESS**

13. Information: Preliminary Results of Actuarial Valuation Process for Retirement

Plans (ALL). (Gobel)

Mr. Gobel introduced consulting actuary Graham Schmidt of Cheiron to present the preliminary results of the actuarial valuation reports (AVRs) for all three Retirement Plans, i.e., the ATU Plan, the IBEW Plan, and the Salaried Plan. Mr. Gobel explained that this item was informational and that final AVRs and discrete contribution rates would be submitted for adoption at the next Retirement Board meeting on March 19<sup>th</sup>.

Mr. Schmidt began his presentation by discussing the annual valuation process and reviewing aggregate activity for the Retirement Plans . Mr. Schmidt reported that, as of June 30, 2024, the Retirement Plans covered 2,483 participants or "members" and noted that a majority of active members (approximately 60%) are subject to the benefit formulas and normal cost sharing provisions prescribed by PEPRA. Mr. Schmidt also addressed the impact of strong investment performance during the plan year by discussing the five-year smoothing of returns and explaining that the actuarial value of assets or AVA (\$407 million) used to determine funded ratios for the Retirement Plans was actually lower than the market value of assets (\$412 million) because the actuarial value did not reflect the deferred investment gains that would be recognized in future valuations.

In line with investment returns that exceeded the assumed rate of return for the Retirement Plans and the improved funded ratios for benefit obligations, Mr. Schmidt explained that aggregate or blended employer contribution rates would be decreasing relative to the prior fiscal year. For the fiscal year beginning July 1, 2025, Mr. Schmidt reported blended employer contribution rates of 24.6% for the ATU Plan, 29.5% for the IBEW Plan, and 36.5% for the Salaried Plan. Mr. Schmidt also discussed the process of determining contribution rates for PEPRA members and reported that employee contributions for the ATU Plan, the IBEW Plan, and the Salaried Plan would not be changing for the new fiscal year.

Following his discussion of preliminary results for June 30, 2024, Mr. Schmidt addressed long-term funding projections. Mr. Schmidt explained that, under a hypothetical scenario in which the experience of the Retirement Plans is in-line with all actuarial assumptions (including remitting the actuarially-determined contribution as required and achieving annual investment returns of 6.75%), the Retirement Plans would be projected to pay-off the largest tranche of unfunded actuarial liability (UAL) by the June 30, 2032 valuation. Mr. Schmidt further explained that, under those projections, employer contributions rates would be expected to drop significantly in fiscal year 2034.

In response to a question from ATU Director McGee Lee regarding the percentage of PEPRA members in the ATU Plan, Mr. Schmidt reported that plan-specific data would be provided with the AVRs (which are scheduled for submission to the Retirement Boards at their March 19<sup>th</sup> meeting).

## February 26, 2025 Meeting Minutes – Continued

In response to a question from MCEG Director Hinz regarding the historical significance of funded ratios projected for June 30, 2032, Mr. Schmidt reported that that they would represent the best funded ratios for the Retirement Plans since the late 1990s.

In response to a question from Director Valenton regarding the Retirement Plans' funded status compared to similar or "peer" plans, Mr. Schmidt reported that, with respect to a two-year old survey of public agency defined benefit plans in the state of California, the Retirement Plans were not in either the top or bottom quartile, and likely were in the range of the 50<sup>th</sup> percentile.

## REPORTS, IDEAS AND COMMUNICATION

14. Information: Senior Manager, Pension & Retirement Services - Verbal Update (ALL). (Gobel)

Mr. Gobel reported that an ad hoc group of Retirement Board members (consisting of ATU Director Lee, IBEW Director Pickering, AEA Director McGoldrick, AFSCME Director Guimond, and MCEG Director Bobek) met earlier in the day to review proposals from investment managers in the fixed income asset class. This ad hoc group considered three core-plus managers screened by the team at Callan LLC. Mr. Gobel further reported that the group selected two finalists for presentation to all five Retirement Boards, and that staff was working with Callan to schedule finalist presentations for the Special Meeting planned for April 23<sup>rd</sup>.

Mr. Gobel noted that the Callan Institute's 2025 National Conference is being held in Scottsdale from Sunday, April 27<sup>th</sup> to Tuesday, April 29<sup>th</sup>, and reminded the Retirement Boards that attendance at educational events is consistent with the Retirement Board Member and Staff Education and Travel Policy. Accordingly, Mr. Gobel asked interested Directors and Alternate Directors to review their work schedules for the referenced days and contact Administrative Assistant Jessica Cruz Mendoza for registration and travel assistance.

Mr. Gobel reminded Retirement Board members that Statements of Economic Interests (Form 700) will be available for electronic filing this year and that the deadline for submission is April 1, 2025. Mr. Gobel also shared his understanding that information regarding the new process would be e-mailed to Retirement Board members by Friday, February 28<sup>th</sup> and that the forthcoming communication would reference Tabetha Smith, the Clerk to the RT Board. As an addendum to Mr. Gobel's comments, Shayna van Hoften, Legal Counsel to the Retirement Boards, explained that completing Form 700 electronically is much faster than preparing a hard copy, and reminded the Board members that she is available to answer questions regarding this annual filing.

## February 26, 2025 Meeting Minutes – Continued

## <u>ADJOURN</u>

With no further business to discuss and no public comment on matters not on the agenda, the Retirement Board meeting was adjourned at 2:00 p.m.

	Sandra Bobek, Board Chair
ATTEST:	
Henry Li, Secretary	
By:	_



## RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

TO: Sacramento Regional Transit Retirement Boards -

AEA/AFSCME/MCEG

**FROM:** Jason Johnson - VP, Finance/CFO

**SUBJ:** RECEIVE AND FILE ADMINISTRATIVE REPORTS FOR THE

QUARTER ENDED DECEMBER 31, 2024 FOR THE SALARIED

PENSION PLAN (AEA/AFSCME/MCEG). (JOHNSON)

## **RECOMMENDATION**

Motion to Approve.

## RESULT OF RECOMMENDED ACTION

Motion: Receive and File Administrative Reports for the Quarter Ended December 31, 2024 for the Salaried Pension Plan (AEA/AFSCME/MCEG). (Johnson)

## FISCAL IMPACT

None.

## DISCUSSION

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

Table 1

## Employer Contribution Rates As of December 31, 2024

	Salary
	Contribution Rate
Classic	42.79%
PEPRA*	30.46%

<sup>\*</sup>PEPRA employee rates: 6.50%

Retirement Board Agenda Item 8 March 19, 2025 Page 2

## **Unaudited Financial Statements**

Attached hereto are unaudited financial statements for the quarter and the year-to-date ended December 31, 2024. 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, 2024 (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 Sacramento Regional Transit District Retirement Plans (Statement of Investment Objectives and Policy Guidelines), the Retirement Boards have delegated authority to manage pension plan assets in accordance with the approved rebalancing policy to the District's VP, Finance/CFO or designee. The VP, Finance/CFO 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, 2024. The schedule of cash activities includes a summary of Plan activities showing the amounts in the following categories: District's

Retirement Board Agenda Item 8 March 19, 2025 Page 3

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, 2024. The Salaried Plan reimbursed \$60,354.55 to the District as the result of the net cash activity between the pension plan expenses and the required pension contributions.

Attached hereto as Attachment 5 is the Salaried Plan's Asset Allocation as of December 31, 2024. 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 (Attachment 2) 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, 2024 as compared to their benchmarks.

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Fiduciary Net Position As of December 31, 2024

**Accrual Basis** 

ASSETS		Dec 31, 24
Total Checking/Savings         153,382,754.47           Accounts Receivable         1110104 · Other Rec - Due from RT         96,351.72           1110109 · Distributions Receivable         43,838.82           Total Accounts Receivable         140,190.54           Other Current Assets         5,263.46           Total Other Current Assets         5,263.46           Total Current Assets         153,528,208.47           TOTAL ASSETS         153,528,208.47           LIABILITIES & EQUITY         Liabilities           Current Liabilities         Accounts Payable           3110122 · Administrative Expense Payable         11,267.91           3110122 · TCW         23,878.77           3110123 · Callan         3,977.13           3110124 · Boston Partners         33,036.25           3110125 · Callan         3,977.13           3110126 · Atlanta Capital         25,989.96           3110129 · S&P Index · SSgA         718.12           3110130 · EAFE · SSgA         718.12           3110132 · Pyrford         24,117.64           3110133 · Northern Trust         8,612.12           3110134 · Clarion         13,197.86           Total Accounts Payable         146,220.16           Total Liabilities         146,220.16	Current Assets Checking/Savings Long-Term Investments	153,382,754.47
Accounts Receivable	Total Long-Term Investments	153,382,754.47
1110104 · Other Rec - Due from RT       96,351.72         1110109 · Distributions Receivable       43,838.82         Total Accounts Receivable       140,190.54         Other Current Assets       5,263.46         Total Other Current Assets       5,263.46         Total Current Assets       153,528,208.47         TOTAL ASSETS       153,528,208.47         LIABILITIES & EQUITY       Liabilities         Current Liabilities       Accounts Payable         3110102 · Administrative Expense Payable       11,267.91         3110122 · TCW       23,878.77         3110124 · Boston Partners       33,036.25         3110125 · Callan       3,977.13         3110128 · Atlanta Capital       25,989.96         3110129 · S&P Index - SSgA       1,424.40         3110130 · EAFE - SSgA       718.12         3110132 · Pyrford       24,117.64         3110133 · Northern Trust       8,612.12         3110134 · Clarion       13,197.86         Total Accounts Payable       146,220.16         Total Liabilities       146,220.16         Total Liabilities       146,220.16         Total Liabilities       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,	Total Checking/Savings	153,382,754.47
Other Current Assets         5,263.46           Total Other Current Assets         5,263.46           Total Current Assets         153,528,208.47           TOTAL ASSETS         153,528,208.47           LIABILITIES & EQUITY         Liabilities           Current Liabilities         Accounts Payable           3110102 · Administrative Expense Payable         11,267.91           3110122 · TCW         23,878.77           3110124 · Boston Partners         33,036.25           3110125 · Callan         3,977.13           3110128 · Atlanta Capital         25,989.96           3110129 · S&P Index · SSgA         1,424.40           3110130 · EAFE · SSgA         718.12           3110132 · Pyrford         24,117.64           3110133 · Northern Trust         8,612.12           3110134 · Clarion         13,197.86           Total Accounts Payable         146,220.16           Total Liabilities         146,220.16           Total Liabilities         147,310,777.83           Net Income         6,071,210.48           Total Equity         153,381,988.31	1110104 · Other Rec - Due from RT	•
1110120 · Prepaids       5,263.46         Total Other Current Assets       5,263.46         Total Current Assets       153,528,208.47         TOTAL ASSETS       153,528,208.47         LIABILITIES & EQUITY         Liabilities         Accounts Payable         3110102 · Administrative Expense Payable         3110122 · TCW       23,878.77         3110124 · Boston Partners       33,036.25         3110125 · Callan       3,977.13         3110128 · Atlanta Capital       25,989.96         3110129 · S&P Index - SSgA       718.12         3110130 · EAFE - SSgA       718.12         3110132 · Pyrford       24,117.64         3110133 · Northern Trust       8,612.12         3110134 · Clarion       13,197.86         Total Accounts Payable       146,220.16         Total Current Liabilities       146,220.16         Total Liabilities       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	Total Accounts Receivable	140,190.54
Total Current Assets         153,528,208.47           TOTAL ASSETS         153,528,208.47           LIABILITIES & EQUITY         Liabilities           Current Liabilities         Accounts Payable           3110102 · Administrative Expense Payable         11,267.91           3110122 · TCW         23,878.77           3110124 · Boston Partners         33,036.25           3110125 · Callan         3,977.13           3110128 · Atlanta Capital         25,989.96           3110129 · S&P Index - SSgA         1,424.40           3110130 · EAFE - SSgA         718.12           3110132 · Pyrford         24,117.64           3110133 · Northern Trust         8,612.12           3110134 · Clarion         13,197.86           Total Accounts Payable         146,220.16           Total Liabilities         146,220.16           Total Liabilities         146,220.16           Equity         3340101 · Retained Earnings         147,310,777.83           Net Income         6,071,210.48           Total Equity         153,381,988.31		5,263.46
TOTAL ASSETS       153,528,208.47         LIABILITIES & EQUITY         Liabilities       Current Liabilities         Accounts Payable       31,0102 · Administrative Expense Payable       11,267.91         3110122 · TCW       23,878.77       31,0124 · Boston Partners       33,036.25         3110125 · Callan       3,977.13       3110128 · Atlanta Capital       25,989.96         3110129 · S&P Index · SSgA       1,424.40       311030 · EAFE · SSgA       718.12         3110130 · EAFE · SSgA       718.12       24,117.64         3110132 · Pyrford       24,117.64       3110133 · Northern Trust       8,612.12         3110134 · Clarion       13,197.86         Total Accounts Payable       146,220.16         Total Liabilities       146,220.16         Total Liabilities       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	Total Other Current Assets	5,263.46
LIABILITIES & EQUITY Liabilities Current Liabilities Accounts Payable 3110102 · Administrative Expense Payable 31101122 · TCW 23,878.77 3110124 · Boston Partners 31,036.25 3110125 · Callan 3,977.13 3110128 · Atlanta Capital 25,989.96 3110129 · S&P Index - SSgA 3110130 · EAFE - SSgA 718.12 3110132 · Pyrford 24,117.64 3110133 · Northern Trust 8,612.12 3110134 · Clarion 13,197.86  Total Accounts Payable 146,220.16  Total Current Liabilities 146,220.16  Equity 3340101 · Retained Earnings Net Income 6,071,210.48  Total Equity 153,381,988.31	Total Current Assets	153,528,208.47
Liabilities       Current Liabilities         Accounts Payable       3110102 · Administrative Expense Payable       11,267.91         3110122 · TCW       23,878.77         3110124 · Boston Partners       33,036.25         3110125 · Callan       3,977.13         3110128 · Atlanta Capital       25,989.96         3110129 · S&P Index - SSgA       1,424.40         3110130 · EAFE - SSgA       718.12         3110132 · Pyrford       24,117.64         3110133 · Northern Trust       8,612.12         3110134 · Clarion       13,197.86         Total Accounts Payable       146,220.16         Total Liabilities       146,220.16         Total Liabilities       146,220.16         Equity       3340101 · Retained Earnings       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	TOTAL ASSETS	153,528,208.47
Total Accounts Payable         146,220.16           Total Current Liabilities         146,220.16           Total Liabilities         146,220.16           Equity         3340101 · Retained Earnings         147,310,777.83           Net Income         6,071,210.48           Total Equity         153,381,988.31	Liabilities Current Liabilities Accounts Payable 3110102 · Administrative Expense Payable 3110122 · TCW 3110124 · Boston Partners 3110125 · Callan 3110128 · Atlanta Capital 3110129 · S&P Index - SSgA 3110130 · EAFE - SSgA 3110132 · Pyrford 3110133 · Northern Trust	23,878.77 33,036.25 3,977.13 25,989.96 1,424.40 718.12 24,117.64 8,612.12
Total Liabilities       146,220.16         Equity       3340101 · Retained Earnings       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	Total Accounts Payable	146,220.16
Equity       3340101 · Retained Earnings       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	·	146,220.16
3340101 · Retained Earnings       147,310,777.83         Net Income       6,071,210.48         Total Equity       153,381,988.31	Total Liabilities	146,220.16
	3340101 · Retained Earnings	
TOTAL LIABILITIES & EQUITY 153,528,208.47	Total Equity	153,381,988.31
	TOTAL LIABILITIES & EQUITY	153,528,208.47

# Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position October through December 2024

**Accrual Basis** 

	Oct - Dec 24	% of Income
Income		
RT Required Contribution 6630101 · Employer Contributions	3,118,717.47	(1,351.0)%
6630110 · Employee Contribution	250,285.59	(108.4)%
Total RT Required Contribution	3,369,003.06	(1,459.5)%
Total Investment Earnings Interest, Dividend, & Other Inc 6830101 · Dividend 6830102 · Interest 6830103 · Other Income 6830104 · Dividend - Distributions	357,809.93 356,023.72 0.00 43,838.82	(155.0)% (154.2)% 0.0% (19.0)%
Total Interest, Dividend, & Other Inc	757,672.47	(328.2)%
Investment Income 6530900 · Gains/(Losses) - All 6530915 · Increase(Decrease) in FV	1,004,016.61 (5,361,529.20)	(434.9)% 2,322.6%
Total Investment Income	(4,357,512.59)	1,887.7%
Total Total Investment Earnings	(3,599,840.12)	1,559.5%
Total Income	(230,837.06)	100.0%
Cost of Goods Sold  8531210 · AEA - Retirement Benefits Paid 8531211 · AFSCME-Retirement Benefits Paid 8531212 · MCEG - Retirement Benefits Paid 8531213 · Employee Contribution Refunds 8532004 · Invest Exp - TCW 8532013 · Invest Exp - Boston Partners 8532020 · Invest Exp - Callan 8532024 · Invest Exp - Atlanta Capital 8532025 · Invest Exp - S&P Index SSgA 8532026 · Invest Exp - EAFE SSgA 8532027 · Invest Exp - EAFE SSgA 8532028 · Invest Exp - AQR 8532029 · Invest Exp - Pyrford 8532029 · Invest Exp - Northern Trust 8532030 · Invest Exp - Clarion 8532031 · Invest Exp - Morgan Stanley	828,578.64 1,116,138.57 1,131,261.17 92,956.99 23,878.77 33,036.25 11,927.24 25,989.96 1,424.40 718.12 17,797.32 24,117.64 8,612.12 13,197.86 10,962.07	(358.9)% (483.5)% (490.1)% (40.3)% (10.3)% (14.3)% (5.2)% (11.3)% (0.6)% (0.3)% (7.7)% (10.4)% (3.7)% (4.7)%
Total COGS	3,340,597.12	(1,447.2)%
Gross Profit	(3,571,434.18)	1,547.2%
Expense 8533002 · Admin Exp - Actuary 8533007 · Admin Exp - CALPRS Dues/Courses 8533010 · Admin Exp - Travel 8533014 · Admin Exp - Fiduciary Insurance 8533020 · Admin Exp - Procurement Costs 8533026 · Admin Exp - Legal Services 8533029 · Admin Exp - Administrator 8533050 · Admin Exp - Misc Exp	8,686.24 0.00 0.00 3,760.08 0.00 16,800.00 28,930.84 (31.66)	(3.8)% 0.0% 0.0% (1.6)% 0.0% (7.3)% (12.5)% 0.0%
Total Expense	58,145.50	(25.2)%
et Income	(3,629,579.68)	1,572.4%

## Sacto Regional Transit District Retirement Plan - Salaried Statement of Changes in Fiduciary Net Position July through December 2024

**Accrual Basis** 

	Jul - Dec 24	% of Income
Income		
RT Required Contribution	0.450.050.00	47.00/
6630101 · Employer Contributions	6,158,858.90	47.8%
6630110 · Employee Contribution	507,384.90	3.9%
Total RT Required Contribution	6,666,243.80	51.8%
Total Investment Earnings		
Interest, Dividend, & Other Inc	000 075 07	<b>5</b> 40/
6830101 · Dividend	660,675.27	5.1%
6830102 · Interest	715,779.74	5.6%
6830103 · Other Income	0.00	0.0%
6830104 · Dividend - Distributions	90,427.78	0.7%
Total Interest, Dividend, & Other Inc	1,466,882.79	11.4%
Investment Income		
6530900 · Gains/(Losses) - All	3,479,439.61	27.0%
6530915 · Increase(Decrease) in FV	1,260,201.07	9.8%
Total Investment Income	4,739,640.68	36.8%
Total Total Investment Earnings	6,206,523.47	48.2%
Total Income	12,872,767.27	100.0%
Cost of Goods Sold		
8531210 · AEA - Retirement Benefits Paid	1,657,157.28	12.9%
8531211 · AFSCME-Retirement Benefits Paid	2,224,377.79	17.3%
8531212 · MCEG - Retirement Benefits Paid	2,250,872.48	17.5%
8531213 · Employee Contribution Refunds	203,362.73	1.6%
8532004 · Invest Exp - TCW	48,539.32	0.4%
8532013 · Invest Exp - Boston Partners	65,287.31	0.5%
•	,	0.2%
8532020 · Invest Exp - Callan 8532024 · Invest Exp - Atlanta Capital	23,807.02	0.2%
	52,107.32	0.4%
8532025 · Invest Exp - S&P Index SSgA	2,797.91	0.0%
8532026 · Invest Exp - EAFE SSgA	1,470.34	
8532027 · Invest Exp - AQR	35,222.48	0.3%
8532028 · Invest Exp - Pyrford	48,278.04	0.4%
8532029 · Invest Exp - Northern Trust	17,182.25	0.1%
8532030 · Invest Exp - Clarion	26,532.89	0.2%
8532031 · Invest Exp - Morgan Stanley	30,335.65	0.2%
Total COGS	6,687,330.81	51.9%
Gross Profit	6,185,436.46	48.1%
Expense		
8533002 · Admin Exp - Actuary	16,833.73	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	7,520.16	0.1%
8533020 · Admin Exp - Procurement Costs	0.00	0.0%
8533026 · Admin Exp - Legal Services	33,600.00	0.3%
8533029 · Admin Exp - Administrator	56,303.75	0.4%
8533050 · Admin Exp - Misc Exp	(31.66)	(0.0)%
Total Expense	114,225.98	0.9%
t Income	6,071,210.48	47.2%
* ··· • * ··· •	=======================================	

Attachment 3 Page 1

# Sacramento Regional Transit District Retirement Fund - Salaried Schedule of Cash Activities For the Three Months Period Ended December 31, 2024

	October 2024	November 2024	December 2024	Quarter Totals
Beginning Balance: Due (from)/to District - September 30, 2024	(23,737.61)	69,117.33	14,974.83	(23,737.61)
Monthly Activity:				
<u>Deposits</u> District Pension Contributions @ 30.46% - 42.79%	1,016,091.11	1,004,915.85	1,097,710.51	3,118,717.47
Employee Pension Contributions	83,109.20	80,276.58	86,899.81	250,285.59
Total Deposits	1,099,200.31	1,085,192.43	1,184,610.32	3,369,003.06
Expenses				
Payout to Retirees:				
AEA	(276,192.88)	(276,192.88)	(276,192.88)	(828,578.64)
AFSCME	(372,046.19)	(372,046.19)	(372,046.19)	(1,116,138.57)
MCEG	(373,203.77)	(373,203.77)	(384,853.63)	(1,131,261.17)
Employee Contribution Refunds	(1,930.18)	(61,923.60)	(29,103.21)	(92,956.99)
Payout to Retirees Subtotal	(1,023,373.02)	(1,083,366.44)	(1,062,195.91)	(3,168,935.37)
Fund Investment Management Expenses:				
Atlanta Capital	(26,117.36)	-	-	(26,117.36)
Boston Partners	(32,251.06)	-	-	(32,251.06)
SSgA S&P 500 Index	-	(1,373.51)	-	(1,373.51)
SSgA EAFE MSCI	-	(752.22)	-	(752.22)
TCW	(24,660.55)	-	-	(24,660.55)
Pyrford	(24,160.40)	-	-	(24,160.40)
Northern Trust	(8,570.13)	- (0.000.00)	- (2.004.05)	(8,570.13)
Callan	(3,961.95)	(3,969.06)	(3,981.05)	(11,912.06)
Fund Invest. Mgmt Exp. Subtotal	(119,721.45)	(6,094.79)	(3,981.05)	(129,797.29)
Administrative Expenses				
Legal Services	(5,600.00)	-	(11,200.00)	(16,800.00)
Pension Administration	(10,361.50)	(8,457.70)	(10,111.64)	(28,930.84)
Actuarial Services	(9,293.33)	(2,248.33)	(770.00)	(12,311.66)
Miscellaneous	31.66	-	-	31.66
Administrative Exp. Subtotal	(25,223.17)	(10,706.03)	(22,081.64)	(58,010.84)
Total Expenses	(1,168,317.64)	(1,100,167.26)	(1,088,258.60)	(3,356,743.50)
Monthly Net Owed from/(to) District	(69,117.33)	(14,974.83)	96,351.72	12,259.56
Payment from/(to) the District	23,737.61	(69,117.33)	(14,974.83)	(60,354.55)
Ending Balance:				
Due (from)/to the District (=Beginning balance +				
monthly balance-payment to District)	69,117.33	14,974.83	(96,351.72)	(96,351.72)

## RT Combined Pension Plans - ATU, IBEW and Salaried Asset Allocation \* As of December 31, 2024

Asset Class	M	Net Asset larket Value 12/31/2024	Actual Asset Allocation	Target Asset Allocation	% Variance	\$ Variance	Target Market Value
FUND MANAGERS:							
Domestic Equity:							
Large Cap Value - Boston Partners - Z8	\$	74,316,016	17.39%	16.00%	1.39% \$	5,925,266	
Large Cap Growth - SSgA S&P 500 Index - XH		79,369,147	18.57%	16.00%	2.57%	10,978,398	
Total Large Cap Domestic Equity		153,685,163	35.95%	32.00%	3.95%	16,903,664	\$ 136,781,499
Small Cap - Atlanta Capital - XB		36,219,776	8.47%	8.00%	0.47%	2,024,401	34,195,375
International Equity: Large Cap Growth:							
Pyrford - ZD		39,274,659	9.19%	9.50%	(0.31)%	(1,332,349)	
Large Cap Core: SSgA MSCI EAFE - XG		19,669,574	4.60%				
Total Core		19,669,574	4.60%	4.50%	0.10%	434,675	
Small Cap:							
AQR - ZB		23,979,907	5.61%	5.00%	0.61%	2,607,798	
Emerging Markets DFA - ZA		25,387,012	5.94%	6.00%	(0.06)%	(259,519)	
Total International Equity		108,311,151	25.34%	25.00%	0.34%	1,450,605	106,860,546
Fixed Income:*							
TCW- XD		96,887,227	22.67%	25.00%	(2.33)%	(9,973,319)	106,860,546
Real Estate:*							
Clarion - Lion		15,552,327	3.64%	5.00%	(1.36)%	(5,819,782)	
Morgan Stanley		16,786,539	3.93%	5.00%	(1.07)%	(4,585,570)	
Total Real Estate		32,338,866	7.57%	10.00%	(2.43)%	(10,405,352)	42,744,218
Total Combined Net Asset	\$	427,442,183	100.00%	100.00%	(0.00)% \$	- :	\$ 427,442,183

Minimum	Target	Maximum
35%	40%	45%
28%	32%	36%
5%	8%	11%
20%	25%	30%
10%	14%	18%
3%	5%	7%
4%	6%	8%
20.0%	25.0%	30.0%
6.0%	10.0%	14.0%
	35% 28% 5% 20% 10% 3% 4% 20.0%	35% 40% 28% 32% 5% 8%  20% 25% 10% 14% 3% 5% 4% 6%  20.0% 25.0%

<sup>\*</sup> Per the Statement of Investment Objectives and Policy Guidelines as of 6/12/2024.

### Reconciliation between Callan Report and Consolidated Pension Fund Balance Sheet As of December 31, 2024

#### Per Both Pension Fund Balance Sheets:

ATU Allocated Custodial Assets
ATU Accrued Clarion Distributions Receivable
BEW Allocated Custodial Assets
BEW Accrued Clarion Distributions Receivable
Salaried Allocated Custodial Assets
Salaried Accrued Clarion Distributions Receivable
Salaried Accrued Clarion Distributions Receivable
Salaried Accrued Clarion Distributions Receivable

43,839
\*\*

Total Consolidated Net Asset 427,580,474

Per Callan Report:

Total Investments 427,580,776

Net Difference (302) \*

## Reconciliation between Callan Report

#### and

## Consolidated Pension Fund Investment Income For the Quarter Ended December 31, 2024

#### Per Both Pension Fund Income Statements:

 ATU - Investment Earnings
 (5,356,374)

 ATU - Management Fees
 (59,553)

 IBEW - Investment Earnings
 (2,254,554)

 IBEW - Management Fees
 (25,995)

 Salaried - Investment Earnings
 (3,599,840)

 Salaried - Management Fees
 (42,094)

 Total Investment Income
 (11,338,410)

Per Callan Report:

Investment Returns (11,337,623)

Net Difference (787) \*\*\*

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

<sup>\*\*</sup>Callan includes Clarion distributions receivable in total investments and Northern Trust recognizes the balance the following quarter when cash is received.

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

## Reconciliation between Callan Report and Consolidated Schedule of Cash Activities For the Quarter Ended December 31, 2024

	October	November	December	Total
Payments from/(to) the District				
S&P 500 Index - ATU	(139,586)	(264,395)	(187,429)	(591,410)
S&P 500 Index - IBEW	(83,245)	123,518	(46,505)	(6,233)
S&P 500 Index - Salaried	23,738	(69,117)	(14,975)	(60,355)
Total Payments from/(to) the District	(199,093)	(209,994)	(248,910)	(657,997)
Transfers In/(Out) of Investment Funds				
S&P 500 Index	(199,093)	(209,994)	(248,910)	(657,997)
Total Transfers In/(Out) of Investment Funds	(199,093)	(209,994)	(248,910)	(657,997)
Variance between Payments and Transfers	-		-	-
Per Callan Report:				
Net New Investment/(Withdrawals)			_	(657,997)
Net Difference			_	0

Consolidated Schedule of Cash Activities For the 12-Months December 31, 2024								
	1Q24	2Q24	3Q24	4Q24	Total			
Payments from/(to) the District								
Boston Partners - ATU	-	(285,861)	-	-	(285,861)			
Boston Partners - IBEW	-	(51,407)	-	-	(51,407)			
Boston Partners - Salaried	-	126,863	-	-	126,863			
S&P 500 Index - ATU	(97,149)	(137,060)	(511,455)	(591,410)	(1,337,074)			
S&P 500 Index - IBEW	(28,715)	(60,507)	(231,691)	(6,233)	(327,146)			
S&P 500 Index - Salaried	45,776	58,862	(6,461)	(60,355)	37,822			
TCW - ATU	(133,031)	-	` -	· -	(133,031)			
TCW - IBEW	82,430	-	-	-	82,430			
TCW - Salaried	266,112	-	-	-	266,112			
Total Payments from/(to) the District	135,422	(349,110)	(749,607)	(657,997)	(1,621,292)			

#### Sacramento Regional Transit District ATU, IBEW and Salaried Retirement Plans Schedule of Fund Investment Returns and Expenses 12/31/24

				1 Year					3 Years	
			Net of	Bench-	Favorable/			Net of	Bench-	Favorable/
	1 Year	%	Fees Returns	Mark Returns	(Unfavor) Basis Pts	3 Years	%	Fees Returns	Mark Returns	(Unfavor)
Boston Partners	i rear	70	Returns	Returns	Dasis Pis	3 rears	70	Returns	Returns	Basis Pts
Investment Returns	10,956,811	100.00%				16,459,878	100.00%			
Investment Expense	(353,996)	3.23%				(985,973)	5.99%			
Net Gain/(Loss)	10,602,815	96.77%	16.68%	14.37%	231.00	15,473,905	94.01%	8.18%	5.63%	255.00
000 500										
S&P 500 Investment Returns	16,146,443	100.00%				18,263,558	100.00%			
Investment Expense	(14.723)	0.09%				(37,942)	0.21%			
Net Gain/(Loss)	16,131,720	99.91%	24.93%	25.02%	(9.00)	18,225,616	99.79%	8.88%	8.94%	(6.00)
Atlanta Capital										
Investment Returns	2,997,519	100.00%				5,551,931	100.00%			
Investment Expense Net Gain/(Loss)	(280,788) 2,716,731	9.37% 90.63%	8.16%	11.54%	(338.00)	(777,247) 4,774,684	14.00% 86.00%	5.07%	1.24%	383.00
Net Gain/(Loss)	2,710,731	90.03%	0.10%	11.54%	(336.00)	4,774,004	00.00%	5.07%	1.24%	363.00
Pyrford										
Investment Returns	1,369,919	100.00%				4,016,736	100.00%			
Investment Expense	(262,427)	19.16%			/ /	(731,810)	18.22%			
Net Gain/(Loss)	1,107,492	80.84%	3.33%	3.82%	(49.00)	3,284,926	81.78%	3.16%	1.65%	151.00
EAFE										
Investment Returns	767,481	100.00%				1,114,827	100.00%			
Investment Expense	(8,146)	1.06%				(21,527)	1.93%			
Net Gain/(Loss)	759,335	98.94%	3.96%	3.82%	14.00	1,093,300	98.07%	1.87%	1.65%	22.00
AQR										
Investment Returns	2,180,664	100.00%				3,359,092	100.00%			
Investment Expense	(199,651)	9.16%				(520,197)	15.49%			
Net Gain/(Loss)	1,981,013	90.84%	10.00%	1.82%	818.00	2,838,895	84.51%	5.16%	(3.25)%	841.00
DFA										
Investment Returns	1,732,390	100.00%				881,110	100.00%			
Investment Expense	(97,760)	5.64%				(264,433)	30.01%			
Net Gain/(Loss)	1,634,630	94.36%	7.32%	7.50%	(18.00)	616,677	69.99%	1.18%	(1.92)%	310.00
T014										
TCW Investment Returns	1.116.050	100.00%				(6,139,020)	100.00%			
Investment Expense	(268,428)	24.05%				(737,060)	-12.01%			
Net Gain/(Loss)	847,622	75.95%	1.05%	1.25%	(20.00)	(6,876,080)	112.01%	(2.59)%	(2.41)%	(18.00)
Clarion	(550.745)	400.000/				(0.004.400)	400.000/			
Investment Returns Investment Expense	(553,715) (171,261)	100.00% -30.93%				(2,221,490) (578,742)	100.00% -26.05%			
Net Gain/(Loss)	(724,976)	130.93%	(3.41)%	(1.43)%	(198.00)	(2,800,232)	73.95%	(4.41)%	(2.32)%	(209.00)
,			, ,	,	` 1	,		, ,	` '	` ′
Morgan Stanley										
Investment Returns	(130,873)	100.00%				(132,343)	100.00%			
Investment Expense	(210,910)	-161.16%	(0.77)0/	(4.42)0/	66.00	(620,096)	-468.55%	(0.26)0/	(2.22)0/	206.00
Net Gain/(Loss)	(341,783)	261.16%	(0.77)%	(1.43)%	66.00	(752,439)	-368.55%	(0.26)%	(2.32)%	206.00
Total Fund										
Investment Returns	36,582,689	100.00%				41,154,279	100.00%			
Investment Expense	(1,868,090)	5.11%				(5,275,027)	12.82%			
Net Gain/(Loss)	34,714,599	94.89%	9.08%	9.99%	(91.00)	35,879,252	87.18%	3.20%	2.37%	83.00



## RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

TO: Sacramento Regional Transit Retirement Boards -

AEA/AFSCME/MCEG

**FROM:** Jason Johnson, VP, Finance/CFO

**SUBJ:** RECEIVE AND FILE THE FISCAL YEAR 2024 STATE

CONTROLLER'S REPORT FOR THE SALARIED PENSION PLAN

(AEA/AFSCME/MCEG). (JOHNSON)

## RECOMMENDATION

Motion to Approve.

## RESULT OF RECOMMENDED ACTION

Motion: Receive and File the Fiscal Year 2024 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). (Johnson)

## **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 within six months of the close of the fiscal year. The State Controller's Public Retirement Systems Financial Transactions Report (Attachment #1) for the fiscal year ended June 30, 2024 was filed on December 30, 2024.

## **PUBLIC RETIREMENT SYSTEM** FINANCIAL TRANSACTIONS REPORT **COVER PAGE**

## Sacramento Regional Transit District Salaried Employees' Retirement Plan

Fiscal Year: 2024	ID Number: 16383440511
For the Fiscal Year Ended: 06/30/2024	(MM/DD/YYYY)
Certification: I hereby certify that, to the best of my knowledge and bagency in accordance with the requirements as prescri	belief, the report forms fairly reflect the financial transactions of the bed by the California State Controller.
Retirement Administrator	
Jason Johnson	VP of Finance/CFO
Signature	Title
Jason Johnson	12/30/2024
Name (Please Print)	Date
Retirement Systems are also required to furnish an aud	within six months after the end of the fiscal year. Public Employee lited financial statement on an annual basis and, for defined very three years. To meet the filing requirements, all portions must
Mailing Address: Local Government Reporting Section - Retirement Local Government Programs and Services Division California State Controller's Office P.O. Box 942850 Sacramento, CA 94250	Express Mailing Address: Local Government Reporting Section - Retirement Local Government Programs and Services Division California State Controller's Office 3301 C Street, Suite 740 Sacramento, CA 95816

The Financial Transactions Report was successfully submitted to the State Controller's Office on 12/30/2024 8:30:14 AM

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

Street 1	1102 Q Street, Suite 3000	Type of Pla	n Defined Benefit			~		
Street 2		Retirement	Retirement Administrator Jason Johnson					
City	Sacramento	Telephone	(916) 708-4485					
State	CA Zip 95811	Email	jjohnson@sacrt.com				Has Address Changed	
Report Prepare	d By							
First Name	Lynda	Firm Name	Sacramento Regional Tra	ınsit Distric	t			
Middle Initial		Telephone	(916) 516-3441					
Last Name	Volk	Fax No.						
Title	Senior Accountant	Email	lvolk@sacrt.com					
Independent Au	ditor							
Firm Name	Crowe LLP	Street 1	400 Capitol Mall					
First Name	Brad	Street 2	Suite 1400					
Middle Initial		City	Sacramento	State	CA	Zip	95814	
Last Name	Schelle	Telephone	(317) 208-2551					
		Email	brad.schelle@crowe.com					
Additional Info	mation							
Actuary/Actua	ry Firm	Street 1	3685 Mt. Diablo Blvd, Suit	e 250				
Cheiron, Inc.		Street 2						
Contact Name	Graham Schmidt	P.O. Box						
		City	Lafayette	State	СА	Zip	94549	
Date of Valua	tion Report 07012023	Telephone	(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

Reporting Year: 2024		Form #		
Comments	John Gobel is our Pension & Retirement Services Manager phone: (916) 261-1198			
	email: jgobel@sacrt.com			

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

Reporting Year: 2024 Form #3

Assets	
R01. Cash and Cash Equivalents	7,114,212
Receivables	
R02. Contributions	
R03. Investments	1,454,697
R04. Other Receivables	79,042
R05. Total Receivables	1,533,739
Investments, at Fair Value	
R06. Short-Term Investments	
R07. U.S. Government Obligations	24,592,392
R08. Municipal Bonds	140,722
R09. Domestic Corporate Bonds	5,683,976
R10. International Bonds	
R11. Domestic Stocks	68,989,036
R12. International Stocks	35,230,290
R13. Real Estate	12,979,796
R14. Private Equity	
R15. Hedge Funds	
R16. Other Investments	2,032,308
R17. Total Investments	149,648,520
R18. Securities Lending Collateral	
Capital Assets	
R19. Capital Assets, Not Being Depreciated/Amortized	
R20. Capital Assets, Net of Depreciation/Amortization	
R21. Other Assets	
R22. Total Assets	\$158,296,471
Deferred Outflows of Resources	
R23. Related to Pensions	
R24. Related to OPEB	
R25. Related to Debt Refunding	
R26. Other Deferred Outflows of Resources	
R27. Total Deferred Outflows of Resources	\$0
R28. Total Assets and Deferred Outflows of Resources	\$158,296,471
Liabilities	
R29. Benefits Payable	
R30. Accounts Payable	144,234
R31. Investment Purchases Payable	10,841,459
R32. Securities Lending Obligation	
R33. Other Liabilities	
R34. Total Liabilities	\$10,985,693
Deferred Inflows of Resources	
R35. Related to Pensions	

12/11/24, 12:20 PM	Retirement PrintAll 2024 Sacramento	Regional Transit District Sala	ried Employees' Retirement Plan - LGRS Online
R36. Related to OPEB			
R37. Related to Debt Re	funding		
R38. Other Deferred Inflo	ows of Resources		
R39. Total Deferred	Inflows of Resources	\$0	
R40. Total Liabiliti	es and Deferred Inflows of Resources	\$10,985,693	
R41. Total Restricted N	et Position	\$147,310,778	

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

Reporting Year: 2024 Form #4 Contributions Employer R01. General 12,363,514 R02. Safety R03. Combined Total Employer R04. 12,363,514 Member R05. General 1,005,691 R06. Safety R07. Combined R08. **Total Member** 1,005,691 Other Contributions R09. General R10. Safety R11. Combined R12. **Total Other Contributions** R13. **Total Contributions** \$13,369,205 Investment Income (Loss) R14. Net Appreciation (Depreciation) in Fair Value of Investments 13,498,308 R15. Interest 1,220,331 R16. Dividends 1,235,849 R17. Other Investment Income 2,760 R18. (Investment Expense) -662,130 Securities Lending Income (Loss) R19. Securities Lending Income R20. (Securities Lending Expense) R21. Net Securities Lending Income (Loss) 0 R22. Net Investment Income (Loss) \$15,295,118

0

\$28,664,323

R23. Other Income

R24. Total Additions

## 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

Reporting Year: 2024 Form #5

	Benefit Payments		
	Service Retirement		
R01.	General	11,885,477	
R02.	Safety		
R03.	Combined		
R04.	Total Service Retirement	11,885,477	
	Disability Retirement		
R05.	General	123,226	
R06.	Safety		
R07.	Combined		
R08.	Total Disability Retirement	123,226	
	Other Benefit Payments		
R09.	General		
R10.	Safety		
R11.	Combined		
R12.	Total Other Benefit Payments		
R13.	Total Benefit Payments	12,008,703	
	Member Refunds		
R14.	General	95,921	
R15.	Safety		
R16.	Combined		
R17.	Total Member Refunds	95,921	
R18.	Administrative Expenses	239,349	
R19.	Other Expenses		
R20.	Total Deductions	\$12,343,973	
R21.	Net Increase (Decrease) in Net Position	16,320,350	
R22.	Net Position Restricted for Pension Benefits, Beginning of Year	130,990,428	
R23.	Adjustment 1		
R24.	Adjustment 2		
R25.	Net Position Restricted for Pension Benefits, End of Year	\$147,310,778	

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

Reporting Year: 2024 Form #6

Total Pension Liability	
R01. Service Cost	5,389,360
R02. Interest	12,561,608
R03. Changes of Benefit Terms	0
R04. Differences Between Expected and Actual Experience	3,142,315
R05. Changes of Assumptions	0
R06. Benefit Payments, Including Refunds of Member Contributions	-12,104,624
R07. Net Change in Total Pension Liability	8,988,659
R08. Total Pension Liability – Beginning	189,400,702
R09. Adjustments	
R10. Total Pension Liability – Ending (a)	198,389,361
Plan Fiduciary Net Position	
R11. Contributions – Employer	12,363,514
R12. Contributions – Member	1,005,691
R13. Contributions – Other	0
R14. Net Investment Income	15,295,118
R15. Other Income	0
R16. Benefit Payments, Including Refunds of Member Contributions	-12,104,624
R17. Administrative Expenses	-239,349
R18. Other Expenses	0
R19. Net Change in Plan Fiduciary Net Position	16,320,350
R20. Plan Fiduciary Net Position – Beginning	130,990,428
R21. Adjustments	0
R22. Plan Fiduciary Net Position – Ending (b)	147,310,778
R23. Net Pension Liability – Ending (a) - (b)	51,078,583
R24. Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (%)	74.25%
R25. Covered-Employee Payroll	33,041,904
R26. Net Pension Liability as a Percentage of Covered-Employee Payroll (%)	154.59%

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

Form #7

Repo	rting Year: 2024		
R01.	Actuarially Determined Contribution	utions	12,363,514
R02.	Contributions in Relation to the	Actuarially Determined Contributions	12,363,514
R03.	Contribution Deficiency (Exces	s)	0
R04.	Covered-Employee Payroll		33,041,904
R05.	Contributions as a Percentage	of Covered-Employee Payroll (%)	37.42%
	Notes to Schedule		
R06.	Valuation Date		
	•	d to determine contribution rates	
	Actuarial Cost Method	Entry Age	
	Amortization Method	Level Percentage of Payroll	
	Remaining Amortization Period	20	
K10.	Asset Valuation Method		nodified market-related value. The market value of assets is s which are greater than (or less than) the assumed investm
R11.	Inflation (%)	2.5	
R12.	Salary Increases	2.75 + merit	
R13.	Investment Rate of Return (%)	6.75	
R14.	Other Information		

#### Note:

(R08) Amortization Method: Level Percentage of Payroll (R09) Remaining Amortization Period: 20 (R12) Salary Increases: 2.75 + merit

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

Reporting Year: 2024 Form #8

				Ad	ctive	Inactive		Retire	ement		
		System	1				Service	Service	Ordinary		Total
Member Type	Tier	Status		Vested	Nonvested	Vested	Retired	Disability	Disability	Survivors	Members
General	Non- PEPRA	Closed	~	124		39	334	5		34	53
General	PEPRA	Open	~	51	94	4	2				15
Select ~		Select	~								
Grand Total Mer	mbers			175	94	43	336	5		34	68
Employers———					s	pecial S	School	Other			
	ncios	State	C	ounties		istricts D			Total		
Number of Age		State	C	ounties		istricts D			Total		
Employers  Number of Ager  Number of Mem		State	Co	ounties		istricts D			<b>Total</b> 1  687		
Number of Agei	nbers	State	C	ounties		istricts D			1		
Number of Ager Number of Mem	nbers Payroll———					istricts D			1		
Number of Age Number of Mem Members' Annual Member Type T	Payroll	State Annual F				istricts D			1		
Number of Age Number of Mem Members' Annual Member Type T	nbers Payroll———	Annual F		DII (\$)		istricts D			1		
Number of Ager Number of Mem Members' Annual Member Type T General	Payroll	Annual F	Payro	DII (\$)		istricts D			1		

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

Reporting Year: 2024 Form #9

<ul><li>Employer</li></ul>	r and Member	Rates - Recon	nmended by	Actuary
----------------------------	--------------	---------------	------------	---------

			Employer Rates											
Normal Cost		st	UAAL A	mortizati	on Cost	-	Total Cost			Memb	er Rates			
		Basic	COLA	Total	Basic	COLA	Total	Basic	COLA	Total				Single
Member Type	Tier	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Age 25	Age 35	Age 45	Rate
General	Non-PEPRA	19.64		19.64	23.10		23.10	42.74	0.00	42.74				
General	PEPRA	7.33		7.33	23.10		23.10	30.43	0.00	30.43				6.50

## Employer and Member Rates - Adopted by Governing Body-

			Employer Rates											
		Ne	ormal Cos	st	UAAL A	mortizatio	on Cost	7	otal Cost		N	Membe	r Rates	
		Basic	COLA	Total	Basic	COLA	Total	Basic	COLA	Total				Single
Member Type	Tier	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Age 25 A	ge 35	Age 45	Rate
General	Non-PEPRA	19.64		19.64	23.10		23.10	42.74	0.00	42.74				
General	PEPRA	7.33		7.33	23.10		23.10	30.43	0.00	30.43				6.50

## -Estimated Annual Employer Contributions-

Membe	r Type Tier	<b>Normal Cost</b>	<b>UAAL Amortization</b>	<b>Contributions Total</b>
Genera	I Non-PEPRA	3,517,737	4,137,460	7,655,197
Genera	I PEPRA	1,109,089	3,495,220	4,604,309
Grand	Total Employer Contributions	\$4,626,826	\$7,632,680	\$12,259,506

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

Reporting Year: 2024

Economic Assumption Rates

R01. Select Plan

Single-Employer Plan

Single-Employer Plan

#### **Return on Investments**

 R02. Real Rate of Return
 4.25

 R03. Inflation Component
 2.5

 R04. Total Return on Investments
 6.75%

Salary Scale		Years of Service S							Single		
	5	10	15	20	25	30	35	40	45	50	Rate
R05. Merit, Longevity, and Productivity	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
R06. Inflation Component	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
R07. Total Salary Scale	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32

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

	1% Decrease	Current Discount Rate	1% Increase
R08. Discount Rate	5.75	6.75	7.75
R09. Net Pension Liability	72,965,887	51,078,583	32,480,157

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

Reporting Year: 2024 Form #11 1 Year 3 Years 5 Years R01. Money-Weighted Rate of Return (%) 11.05 3.67 7.87 R02. Time-Weighted Rate of Return (%) Schedule of Investment Returns R03. Fiscal Year 2024 2023 2022 2021 2020 2019 2018 2017 R04. Annual Money-Weighted Rate of Return, Net of Investment 7.78 -7.30 27.60 1.98 6.23 12.09 10.97 6.93 Expense %

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

Reporting Year: 2024 Form #12a

## **Demographic Assumption Rates - Age**

	Service			Mortality	of Active	Withdrawal
	Retirement	Disability Retir	ement Rate	Member	rs Rate	(Termination)
General - Male	Rate	Ordinary	Service	Ordinary	Service	Rate
R01. Age 25		0.0000				
R02. Age 30		0.0000				
R03. Age 35		0.0000				
R04. Age 40		0.0000				
R05. Age 45		0.0000				
R06. Age 50		0.0000				
R07. Age 55	5.0000	0.0000				
R08. Age 60	15.0000	0.0000				
R09. Age 65	25.0000	0.0000				
R10. Age 70	100.0000	0.0000				

	Service Retirement	Disability Retirement Rate		Mortality o	Withdrawal (Termination)		
General - Female	Rate	Ordinary	Service	Ordinary	Service	Rate	
R11. Age 25		0.0000					
R12. Age 30		0.0000					
R13. Age 35		0.0000					
R14. Age 40		0.0000					
R15. Age 45		0.0000					
R16. Age 50		0.0000					
R17. Age 55	5.0000	0.0000					
R18. Age 60	15.0000	0.0000					
R19. Age 65	25.0000	0.0000					
R20. Age 70	100.0000	0.0000					

	Service Retirement	Disability Retirement Rate		Mortality Membe	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 Retirement		irement Rate	Mortality o	Withdrawal (Termination)		
Safety - Female	Rate	Ordinary	Service	Ordinary	Service	Rate	
R31. Age 25							
R32. Age 30							
R33. Age 35							
R34. Age 40							
R35. Age 45							
R36. Age 50							
R37. Age 55							
R38. Age 60							
R39. Age 65							
R40. Age 70							

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

Reporting Year: 2024 Form #12b

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

	Service	Withdrawal
General - Male	Retirement	(Termination)
Years of Service	Rate	Rate
R01. Year 5		5.0000
R02. Year 10		3.0000
R03. Year 15		3.0000
R04. Year 20		1.5000
R05. Year 25		1.5000
R06. Year 30		1.5000
R07. Year 35		1.5000
R08. Year 40		1.5000
R09. Year 45		1.5000
R10. Year 50		1.5000

		Service	Withdrawal
	General - Female	Retirement	(Termination)
	Years of Service	Rate	Rate
R11.	Year 5		5.0000
R12.	Year 10		3.0000
R13.	Year 15		3.0000
R14.	Year 20		1.5000
R15.	Year 25		1.5000
R16.	Year 30		1.5000
R17.	Year 35		1.5000
R18.	Year 40		1.5000
R19.	Year 45		1.5000
R20.	Year 50		1.5000

	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 Years of Service	Service Retirement Rate	Withdrawal (Termination) 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

Reporting Year: 2024 Form #13

R01. Valuation Date (MMDDYYYYY)  R02. Name of Actuarial Firm  R03. Actuarial Accrued Liability (AAL)  R04. Actuarial Value of Assets (AVA)  R05. Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)  R06. Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R14. Method Used to Amortization  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL amortization Period  R18. Year in Which the Total UAAL is Expected to be Fully Amortized		Funding Position		
R03. Actuarial Accrued Liability (AAL)  R04. Actuarial Value of Assets (AVA)  R05. Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)  R06. Funded Ratio (AVA Basis) (rounded to neserest hundredth; EXAMPLE: 99.99)  R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  Entry Age  P10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to neserest hundredth; EXAMPLE: 99.99)  B13. Funded Ratio (MVA Basis) (rounded to neserest hundredth; EXAMPLE: 99.99)  B14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period	R01.	Valuation Date (MM/DD/YYYY)	07/01/2023	
R04. Actuarial Value of Assets (AVA)  R05. Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)  R06. Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R14. Method Used to Amortization  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  R18. Total UAAL Amortization Period  R19. Years Remaining in Total UAAL Amortization Period	R02.	Name of Actuarial Firm	Cheiron Inc	
R05. Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)  R06. Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R14. Method Used to Amortization  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  R18. Total UAAL Amortization Period  R19. Years Remaining in Total UAAL Amortization Period	R03.	Actuarial Accrued Liability (AAL)	192,344,323	
R06. Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R14. Method Used to Amortization  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  R18. Total UAAL Amortization Period  R19. Years Remaining in Total UAAL Amortization Period	R04.	Actuarial Value of Assets (AVA)	133,093,721	
R07. Annual Covered Payroll (ACP)  R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  B14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R05.	Unfunded Actuarial Accrued Liability (UAAL) (AVA Basis)	59,250,602	
R08. UAAL as a Percentage of ACP (AVA Basis)  R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  B14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  R17. Years Remaining in Total UAAL Amortization Period	R06.	Funded Ratio (AVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)	69.2	
R09. Method Used to Determine AAL  R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  R17. Years Remaining in Total UAAL Amortization Period	R07.	Annual Covered Payroll (ACP)	33,041,904	
R10. Please Specify "Other" Method  R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  B14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R08.	UAAL as a Percentage of ACP (AVA Basis)	179.32%	
R11. Market Value of Assets (MVA)  R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  B14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R09.	Method Used to Determine AAL	Entry Age	~
R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  68.1  UAAL Amortization  R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R10.	Please Specify "Other" Method		
R12. UAAL (MVA Basis)  R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  68.1  UAAL Amortization  R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20				
R13. Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)  68.1  UAAL Amortization  R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R11.	Market Value of Assets (MVA)	130,990,428	
UAAL Amortization  R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period	R12.	UAAL (MVA Basis)	61,353,895	
R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R13.	Funded Ratio (MVA Basis) (rounded to nearest hundredth; EXAMPLE: 99.99)	68.1	
R14. Method Used to Amortize the Total UAAL  R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20				
R15. Please Specify "Other" Method  R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20		UAAL Amortization		
R16. Total UAAL Amortization Period (in years)  R17. Years Remaining in Total UAAL Amortization Period  20	R14.	Method Used to Amortize the Total UAAL	Level Percentage of Projected Covered Payroll	•
R17. Years Remaining in Total UAAL Amortization Period	R15.	Please Specify "Other" Method		
R17. Years Remaining in Total UAAL Amortization Period				
	R16.	Total UAAL Amortization Period (in years)	20	
R18. Year in Which the Total UAAL is Expected to be Fully Amortized 2043	R17.	Years Remaining in Total UAAL Amortization Period	20	
	R18.	Year in Which the Total UAAL is Expected to be Fully Amortized	2043	

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

Reporting Year: 2024 Form #14a

Member Type	Tier	Age	Years of Service	Age	Years of Service	Age	Years of Service	Age	Years of Service	Age Regardless of Service	Years of Service Regardless of Age
General	Non-PEPRA	55	5								25
General	PEPRA	52	5								
Cost of Living											
JOST OF LIVING	Γ	Granted	Position	Index	to Active	Index to	Consume	Maxim	num Annual		Other
Member Type	Tier	Last	Held	Membe	er Increase	Price	Index	In	crease	None	Basis
General	Non-PEPRA		•		~		~			Υ •	~
General	PEPRA		•		<b>~</b>		~			Υ •	•
Final Average S Member Type	F	Position L	ast Held Hi	ghest Ye	ar(s) Average	Final Year	(s) Averag	e Compe	nsation at 1	Time of Retire	ement
General	Non-PEPRA		~		4					~	
General	PEPRA		<b>v</b>		4					•	
Percent Per Yea	r of Service and	Social Sec	urity Coverag	e							
Member Type	Tier	Age 50	Age	55	Age 60	Age 65	Socia	I Security	Coverage		
General	Non-PEPRA			2.00	2.50	2	50	Supplementa	al 🗸		
General	PEPRA			1.30	1.80	2	30	Supplementa	al 🗸		

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

Reporting Year: 2024	Form #14b					
Comments	None.					

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

Reporting Year: 2024 Form #15

Disability Benefits as a Percentage of Final Average Salary										
Member Type	e 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	

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

Fiscal Year: 2	024	
FORM DESC	FIELD NAME	FOOTNOTES
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	(R07)U.S.GovernmentObligations	Investment portfolio mix amounts fluctuate depending on fund manager purchases/sales and changes in market value.
NetPosition	(R09)DomesticCorporateBonds	Investment portfolio mix amounts fluctuate depending on 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	(R31)InvestmentPurchasesPayable	Investment purchases payable balances fluctuate based on timing of payments and changes in market value.
Additions	(R14)NetAppreciation(Depreciation)inFairValueofInvestments	Net Appreciation/Depreciation amounts fluctuate based on annual market performance and portfolio market performance.
Additions	(R15)Interest	Interest income fluctuates based on annual market performance and portfolio market performance.
Additions	(R17)OtherInvestmentIncome	The other income is litigation settlement proceeds we received from Brandes, a former fund manager. Brandes held stock in Royal Bank of Scotland against which they filed a securities litigation claim after the GFC on behalf of their clients. There were no such settlements in FY23.
Additions	(R23)OtherIncome	Provisions of a legally binding Arbitration between the District and the ATU were implemented in Fiscal Year 2018. Per the Arbitration, when a non-vested ATU employee transfers to the Salaried plan all contributions made to the ATU plan on behalf of that employee will be transferred from the ATU plan to the Salaried plan. There were no transfers in FY24.
Deductions	(R14)MemberRefund-General	Refunds were lower because there was less employee turnover in FY24.

Total Footnote: 11



## RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

**TO:** Sacramento Regional Transit Retirement Boards - All

**FROM:** Jason Johnson, VP, Finance/CFO

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

INDEPENDENT AUDITOR'S REPORT FOR THE TWELVE MONTH PERIOD ENDED JUNE 30, 2024 (ALL). (JOHNSON)

#### 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, 2024 (ALL). (Johnson)

#### 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, 2024, the investment assets for the ATU, IBEW and Salaried Plans continued to be held in a commingled trust. Within that commingled trust, the balance of investments for the ATU, IBEW and Salaried Plans are calculated based on a percentage of ownership as determined by the ATU, IBEW and Salaried Plans' custodian.

Retirement Board Agenda Item 12 March 19, 2025 Page 2

As noted in the report (Attachment 1), the combined net position held in trust for pension benefits increased \$40,814,464, or 10.99% from the beginning-of-year balance of \$371,524,175 to the end-of-year balance of \$412,338,639. The audit confirmed that the District made 100% of its actuarially determined contribution of \$29,063,868.

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, 2024

#### **TABLE OF CONTENTS**

	<b>PAGE</b>
MEMBERS OF THE RETIREMENT BOARD AND ADMINISTRATIVE STAFF	i
FINANCIAL SECTION	
INDEPENDENT AUDITOR'S REPORT	1
MANAGEMENT'S DISCUSSION AND ANALYSIS (MD&A Unaudited)	4
BASIC FINANCIAL STATEMENTS	
Statement of Plan Net Position	9
Statement of Changes in Plan Net Position	10
Notes to the Financial Statements	
Description of the Plans	11
Significant Accounting Policies	15
Contribution Requirements	16
Cash and Investments	17
Net Pension Liability	25
REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)	
Schedules of Changes in the Net Pension Liability and Related Ratios	30
Schedules of District Contributions	37
Schedule of Investment Returns	41
SUPPLEMENTAL SCHEDULES	
Schedules of Investment and Administrative Expenses	42
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	45
	45

## RETIREMENT PLANS FOR SACRAMENTO REGIONAL TRANSIT DISTRICT EMPLOYEES MEMBERS OF THE RETIREMENT BOARD AND ADMINISTRATIVE STAFF

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

Crystal McGee, Chairperson Lee Scott, Member Anthony Smith, Alternate

#### **International Brotherhood of Electrical Workers Local 1245**

Constance Bibbs, Chairperson Neal Pickering, Member David Thompson, Alternate

#### **Administrative Employees Association**

Russel Devorak, Chairperson Timothy McGoldrick, Member Jayanthi Santhanakrishnan, Alternate

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

Peter Guimond, Chairperson Lisa Thompson, Member Colleen Elder, Alternate

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

Sandra Bobek, Chairperson Lisa Hinz, Member Christopher Flores, Alternate

#### Sacramento Regional Transit District

Patrick Kennedy, Common Chairperson Henry Li, Member Shelly Valenton, Alternate

#### **Assistant Secretary**

John Gobel, Senior Manager, Pension & Retirement Services

#### Legal Counsel

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

#### **Finance Department**

Jason Johnson, VP, Finance/CFO Lynda Volk, Senior Accountant

#### **Pension and Retirement Services**

Jessy Mathew, Retirement Services Analyst II Margaret Dugger, Retirement Services Analyst I Jessica Cruz Mendoza, Administrative Assistant II



#### INDEPENDENT AUDITOR'S REPORT

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

#### Report on the Audit of the Financial Statements

#### **Opinions**

We have audited 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, 2024, and the related notes to the financial statements, which collectively comprise the Plans' basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the plan net position of the ATU Plan, IBEW Plan and Salaried Plan for Sacramento Regional Transit District Employees, as of June 30, 2024, and the changes in plan net position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Basis for Opinions**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States (*Government Auditing Standards*). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plans, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

#### Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and Government Auditing Standards, we

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to
  fraud or error, and design and perform audit procedures responsive to those risks. Such procedures
  include examining, on a test basis, evidence regarding the amounts and disclosures in the financial
  statements.
- Obtain an understanding of internal control relevant to the audit 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, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that Management's Discussion and Analysis, the Schedules of Changes in the Net Pension Liability and Related Ratios, Schedules of District Contributions, and Schedule of Investment Returns, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, 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. 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.

#### Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Plans' basic financial statements. The Schedules of Investment and Administrative Expenses are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The 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.

#### Other Information

Management is responsible for the other information included in the annual report. The other information comprises the Members of the Retirement Board and Administrative Staff but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 2, 2024 on our consideration of 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 solely 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 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 Plans' internal control over financial reporting and compliance.

Crowe LLP

Crown UP

Sacramento, California December 2, 2024

This section presents Management's Discussion and Analysis (MD&A) of the financial activities of the defined-benefit Retirement Plans for the Sacramento Regional Transit District Employees (the Plans) for the fiscal year ended June 30, 2024 (FY 2024). We encourage readers to consider the information presented here in conjunction with the financial information and notes that we have furnished in this report.

#### FINANCIAL HIGHLIGHTS

As of June 30, 2024, the Plans' net position restricted for pension benefits and program administration (net position) totaled \$412,338,639. This represented an increase of \$40,814,464, or 11.0%, from the \$371,524,175 of the Plans' net position as of June 30, 2023. Higher investment performance was the primary reason for the increase.

Additions to net position increased by \$17,299,189, or 30.8%, for FY 2024. Higher investment performance was the primary reason for the increase in additions.

Deductions from net position increased by \$985,712, or 3.1%, for FY 2024. The primary reason for the increase is a result of increased monthly benefit payments due to an increase in the number of retirees.

The Plans' funding objective is to meet long-term benefit obligations through contributions and investment earnings. To help achieve level and predictable contribution costs from one year to the next, the Plans base the determination of contribution rates on an actuarial asset valuation method that gradually adjusts to the market (fair) value of assets (asset smoothing). Under this actuarial asset valuation methodology, any investment market returns for the fiscal year that are above or below the assumed investment return rate of 6.75% (which was used to determine the contribution rates for FY 2024) are recognized over five years (the asset smoothing period). This smoothed value is referred to as the Actuarial Value of Assets. By using the Actuarial Value of Assets to determine the contribution rates, the Plans can lower the year-to-year volatility in contribution rates that would come from using the fair value of assets.

As of June 30, 2024, the Plans' total pension liability was \$534,504,873, up from \$508,336,652 as of June 30, 2023. The fiduciary net position as a percentage of total pension liability increased to 77.1% as of June 30, 2024, from 73.1% as of June 30, 2023.

#### **Overview of Financial Statements**

This MD&A serves as an introduction to the basic financial statements and other information accompanying the basic financial statements, which are comprised of the following components:

- Statement of Plan Net Position Pension Trust Funds
- Statement of Changes in Plan Net Position Pension Trust Funds
- Notes to the Basic Financial Statements

A Statement of Plan Net Position and a Statement of Changes in Plan Net Position are presented for the Pension Trust funds as of and for FY 2024, along with comparative total information as of and for the fiscal year ended June 30, 2023. These financial statements reflect the resources available to pay benefits to retirees and beneficiaries as of year-end, and the changes in those resources during the year.

The Pension Trust funds' statements report the Plans' net position restricted for pension benefits and program administration. Over time, increases or decreases in net position serve as one indicator of whether the Plans' financial health is improving or deteriorating. Other factors, such as market conditions or the Plans' fiduciary net position as a percentage of the employers' total pension liability, should also be considered in measuring the Plans' overall health.

The Notes to the Basic Financial Statements are an integral part of the financial reports and provide additional information that is essential for a full understanding of the data provided in the financial statements.

In addition to the financial statements and accompanying notes, this report presents certain Required Supplementary Information which includes the employer's changes in net pension liability and related ratios, the employer's actuarially determined contribution rates (ADC), actuarial assumptions used to calculate the ADC, historical money-weighted rates of return, and other required supplementary information as required by GASB Statement No. 67.

Schedules of investment and administrative expenses are presented as Other Supplemental Information following the Required Supplementary Information.

#### **Fiduciary Net Position**

As summarized above, as of June 30, 2024, the Plans' net position restricted for pension benefits and program administration (net position) totaled \$412,338,639. This represented an increase of \$40,814,464, or 11.0%, over the Plans' net position of \$371,524,175 as of June 30, 2023. The increase in net position for FY 2024 was due to investment income, offset to some degree by benefits and expenses paid during the fiscal year exceeding the contributions received. For FY 2024, the total fund return, gross of fees, of 11.45%, was 0.52% higher than the investment policy benchmark of 10.93%, and exceeded the fiscal year ended June 30, 2023, total fund return, gross of fees, of 8.27%. During fiscal year ended June 30, 2024, investments with the strongest returns came from the U.S. equity and international equity investments.

In FY 2024, the increase in cash and short-term investments was primarily the result of changes within Fixed Income. The manager increased the allocation to cash and investments with shorter durations to mitigate volatility and better position the portfolio for future opportunities. The manager also increased the allocation to commercial mortgage-backed securities.

The increase in securities payable and the decrease in receivables as of June 30, 2024 is primarily due to changes in the volume of trading activity at year-end by the external investment managers. The decrease in accounts payable is due to the timing of payments to third parties at year-end.

The table below compares the Plans' net position for the fiscal years ended June 30, 2024 and 2023.

### PLAN NET POSITION FOR THE FISCAL YEARS ENDED JUNE 30

	2024	2023	Increase/ (Decrease)	% Change
Assets				
Cash and short-term investments	\$ 20,834,193	\$ 19,787,498	\$ 1,046,695	5.3%
Receivables	4,426,177	7,789,738	(3,363,561)	(43.2%)
Investments	419,979,474	371,977,709	48,001,765	12.9%
<b>Total Assets</b>	445,239,844	399,554,945	45,684,899	11.4%
Liabilities				
Securities payable	32,268,980	27,346,822	4,922,158	18.0%
Accounts payable	632,225	683,948	(51,723)	(7.6%)
<b>Total Liabilities</b>	32,901,205	28,030,770	4,870,435	17.4%
Net position restricted for pension				
benefits	\$ 412,338,639	\$ 371,524,175	\$ 40,814,464	11.0%

GASB Statement No. 67 replaced GASB Statement No. 25 and redefined pension liability and expense for financial reporting purposes but does not apply to contribution amounts for pension funding purposes. When measuring the total pension liability, GASB uses the same actuarial cost method and the same type of discount rate as the Plans use for funding. Therefore, the employers' total pension liability measured for financial reporting shown in this report is determined on the same basis as the Plans' actuarial accrued liability measured for funding.

The Plans retain an independent actuarial firm, Cheiron, to perform the annual actuarial valuations to determine the employers' total pension liability (expected future benefits) and ADC. The annual actuarial valuation measures the current and projected assets and liabilities of the retirement system, as well as the Plans' funded status. This information forms the basis for establishing the actuary's recommendations for the employer and member contribution rates for the upcoming fiscal year to pay expected future benefits.

As of June 30, 2024, the employer's total pension liability was \$534,504,873, and the net pension liability (the total pension liability less the Plans' fiduciary net position) was \$122,166,234. The Plans' fiduciary net position as a percentage of the total pension liability was 77.1%. In general terms, this ratio means that as of June 30, 2024, the Plans had approximately 77 cents available for each dollar of anticipated future liability.

The Required Supplementary Information presents additional information regarding the net pension liability.

#### **Changes in Plan Net Position**

The following table presents the changes in the Plans' net position for the fiscal years ended June 30, 2024 and 2023.

#### CHANGES IN PLAN NET POSITION FOR THE FISCAL YEARS ENDED JUNE 30

				Increase/	
	 2024	 2023	(	Decrease)	% Change
Additions					
Employer contributions	\$ 29,063,868	\$ 26,557,004	\$	2,506,864	9.4%
Member contributions	3,602,588	2,873,527		729,061	25.4%
Change in bargaining group	-	248,765		(248,765)	-100.0%
Net investment income	 40,852,698	 26,540,669		14,312,029	53.9%
<b>Total Additions</b>	73,519,154	 56,219,965		17,299,189	30.8%
Deductions					
Benefits paid	31,941,785	30,702,604		1,239,181	4.0%
Change in bargaining group	-	248,765		(248,765)	-100.0%
Administrative expenses	 762,905	 767,609		(4,704)	(0.6%)
<b>Total Deductions</b>	 32,704,690	 31,718,978		985,712	3.1%
Increase in net position	40,814,464	24,500,987		16,313,477	66.6%
Net position, beginning	 371,524,175	 347,023,188		24,500,987	7.1%
Net position, ending	\$ 412,338,639	\$ 371,524,175	_\$_	40,814,464	11.0%

#### Additions to Net Position

Financing for the benefits the Plans provided to its members comes primarily through the collection of employer and member contributions and from investment earnings. For the fiscal years ended June 30, 2024 and 2023, total additions were \$73,519,154 and \$56,219,965, respectively.

For the fiscal years ended June 30, 2024 and 2023, the combined employer and member contributions were \$32,666,456 and \$29,430,531, respectively, for an increase of \$3,235,925. Employer contributions increased by \$2,506,864 for FY 2024 compared to the fiscal year ended June 30, 2023, or about 9.4%, was mainly due to an approximate 9.6% increase in the employer's aggregate payroll for the year ended June 30, 2024. The increase in member contributions of \$729,061, or about 25.4%, is partially due to an increase in the employer's aggregate payroll for year-ended June 30, 2024 and an increase in the ATU Plan member contribution rate of .50% and increased further by the growth in the PEPRA tiers of the Plans.

Changes in bargaining group occur when non-vested members of the ATU Plan transfer to the Salaried Plan. The District calculates the total normal cost contributions made to the ATU plan on the employees' behalf along with the interest earned on those contributions and transfers that balance to the Salaried Plan. Changes from year to year are based on the number of individuals who transfer between the ATU Plan and Salaried Plan. There were no transfers made in FY 2024.

Net investment income after investment fees and expenses was \$40,852,698 and \$26,540,669 for fiscal years ended June 30, 2024 and 2023, respectively. The net investment gains were primarily driven by the investment performance of the portfolio.

#### **Deductions from Net Position**

The Plans' net position was primarily used for the payment of benefits to members and their beneficiaries, for the payment of contribution refunds to terminated employees, and for the cost of administering the Plans. For the fiscal years ended June 30, 2024 and 2023, total deductions were \$32,704,690 and \$31,718,978, respectively.

Deductions increased by \$985,712, or 3.1%, in FY 2024. The primary cause of the increase was due to the increase in the number of retirees and beneficiaries receiving benefits.

#### THE PLANS' FIDUCIARY RESPONSIBILITIES

The Plans' Retirement Boards and management staff are fiduciaries of the pension trust funds. Under the California Constitution and California state law, the net position must be used exclusively for the benefit of plan participants and their beneficiaries.

#### REQUESTS FOR INFORMATION

This report is designed to provide the Retirement Boards, the Plans' members, participating employers, taxpayers, and other stakeholders and interested parties with a general overview of the Plans' finances and to show accountability for the money the Plans receive.

Questions about this report or requests for additional financial information may be addressed to:

Sacramento Regional Transit District Attn: Retirement Services 1102 Q Street, Suite 3000 Sacramento, CA 95811

Copies of this report are available at the above address and on the Plans' website at www.sacrt.com.

## STATEMENT OF PLAN NET POSITION JUNE 30, 2024

	ATU	IBEW	Salaried	Total
Assets				
Investments:				
Equity securities	\$ 123,348,793	\$ 56,329,749	\$ 104,219,326	\$ 283,897,868
Fixed income securities	47,838,390	21,308,232	34,975,244	104,121,866
Real estate	14,939,435	6,566,355	10,453,950	31,959,740
Total investments	186,126,618	84,204,336	149,648,520	419,979,474
Cash and short-term investments	9,475,700	4,244,281	7,114,212	20,834,193
Receivables				
Securities sold	1,669,042	744,550	1,228,144	3,641,736
Interest and dividends	310,224	137,961	226,553	674,738
Other receivables and prepaids	16,288	14,373	79,042	109,703
Total receivables	1,995,554	896,884	1,533,739	4,426,177
Total assets	197,597,872	89,345,501	158,296,471	445,239,844
Liabilities				
Securities purchased payable	14,824,023	6,603,498	10,841,459	32,268,980
Accounts payable	334,707	153,284	144,234	632,225
Total liabilities	15,158,730	6,756,782	10,985,693	32,901,205
Nist annition and sind of the second				
Net position restricted for pension benefits	\$ 182,439,142	\$ 82,588,719	\$ 147,310,778	\$ 412,338,639

(Schedule of Changes in the Net Position Liability and Related Ratios for the Plans are presented on pages 30 through 36.)

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, 2024

	 ATU	 IBEW	_	Salaried		Total
Additions						
Contributions:						
Employer	\$ 11,437,314	\$ 5,263,040	\$	12,363,514	\$	29,063,868
Member	 1,911,287	 685,610		1,005,691		3,602,588
Total contributions	 13,348,601	 5,948,650		13,369,205		32,666,456
Investment income:						
Net appreciation in fair value of investments	15,140,602	7,082,870		13,498,308		35,721,780
Interest, dividends, and other income	3,164,926	1,411,236		2,458,940		7,035,102
Investment expenses	 (858,392)	(383,662)	_	(662,130)		(1,904,184)
Net investment income	 17,447,136	 8,110,444		15,295,118		40,852,698
Total additions	 30,795,737	 14,059,094	_	28,664,323		73,519,154
Deductions						
Benefits paid to participants	14,134,387	5,702,774		12,104,624		31,941,785
Administrative expenses	295,884	227,672		239,349		762,905
Total deductions	14,430,271	 5,930,446		12,343,973	_	32,704,690
Net increase in plan net position	16,365,466	8,128,648		16,320,350		40,814,464
Net position restricted for pension benefits - Beginning of fiscal year	 166,073,676	 74,460,071		130,990,428		371,524,175
Net position restricted for pension benefits - End of fiscal year	\$ 182,439,142	\$ 82,588,719	\$	147,310,778	\$	412,338,639

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, 2024

#### 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 Plan for Sacramento Regional Transit District Employees who are Members of ATU Local 256 (ATU Plan) and the Retirement Plan for Sacramento Regional Transit District Employees who are Members of International Brotherhood of Electrical Workers Local Union 1245, AFL-CIO (IBEW Plan) are single employer defined benefit pension plans covering eligible employees of the District. Participants should refer to their respective plan documents and collective bargaining 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 by the Internal Revenue Service in order to establish the individual trusts.

#### Salaried Plan

The Sacramento Regional Transit District Retirement Plan for AFSCME, AEA, and Non-Represented Employees (Salaried Plan) is a single employer defined benefit pension plan covering eligible 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 documents and collective bargaining agreement, where applicable, for more complete information.

**Plan Tier Definition** – As a result of labor negotiations and the court ruling on the Public Employees' Pension Reform Act of 2013 (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, 2024 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 31, 2014, Tier 2 consists of all employees hired on or after January 1, 2015.
- Salaried 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, 2015.

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

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

#### 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 employee groups.

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

Plan membership for Tier 1, Tier 2 and Tier 3, at June 30, 2024, consisted of:

	ATU	IBEW	Salaried
Retirees and beneficiaries currently receiving benefits	505	186	375
Terminated members entitled to but not yet collecting benefits	31	17	43
Current active members	581	215	269
	1,117	418	687

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

#### 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%	5 - 20% 6 - 40% 7 - 60% 8 - 80% 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, 2024

#### 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 applica required	ble retirement	t age multiplier o	or 1% if age and	service are not	met. Vesting	

The retirement ages, years of service and pension calculation multipliers vary by employee union/group. For Tier 1 and Tier 3 members, 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. All Tier 2 participants fall under PEPRA requirements.

The benefits for vested 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, 2024

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

Administration – The ATU, IBEW, and Salaried Plans are administered by five 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 their 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 in the United States of America 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, 2024, 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, 2024

#### 3. CONTRIBUTION REQUIREMENTS

#### **EMPLOYER CONTRIBUTIONS**

The ATU, IBEW and Salaried Plans' funding policies provide 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, 2024, the District made contributions to the ATU, IBEW, and Salaried Plan of \$11,437,314, \$5,263,040, and \$12,363,514 respectively.

#### TIER 1 EMPLOYEES

For the fiscal year ended June 30, 2024, the actuarially determined rate for the ATU Plan was 30.74% of covered payroll, the IBEW Plan was 35.62% of covered payroll, and the Salaried Plan was 42.74% 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 newly eligible employees were required to contribute to their pension based upon the terms of the bargaining groups MOU or based on PEPRA.

ATU eligible employees are required to contribute 50% of normal cost which is currently 7.75% of their annual salary. The employer portion of the actuarially determined rate for the ATU members was 22.63% of covered payroll for the fiscal year ending June 30, 2024. The total contribution by Tier 2 employees of the ATU Plan for the fiscal year ended June 30, 2024 was \$1,875,310.

IBEW eligible employees are required to contribute 50% of normal cost which is currently 7.00% of their annual salary. The employer portion of the actuarially determined rate for the IBEW members was 27.34% of covered payroll for the fiscal year ending June 30, 2024. The total contribution by Tier 2 employees of the IBEW Plan for the fiscal year ended June 30, 2024 was \$685,610.

Members of AEA, MCEG, AFSCME-Supervisors, and AFSCME-Technical are required to contribute 50% of normal cost which is currently 6.50% of their annual salary. The employer portion of the actuarially determined rate for the AEA, MCEG, and AFSCME-Supervisors members was 30.43% of covered payroll for the fiscal year ending June 30, 2024. The total contribution by Tier 2 employees of the Salaried Plan for the fiscal year ended June 30, 2024 was \$1,005,691.

The employee contribution rates calculated in compliance with PEPRA, for the fiscal year ended June 30, 2024, were actuarially determined as part of the valuations dated July 1, 2022.

#### TIER 3 EMPLOYEES

ATU employees hired during the time period January 1, 2015 and December 31, 2015, are required to contribute 3.00% of pay. The employer portion of the actuarially determined rate for the ATU members was 29.61% of covered payroll for the fiscal year ending June 30, 2024. The total contribution by Tier 3 employees of the ATU Plan for the fiscal year ended June 30, 2024 was \$35,977.

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

#### 4. CASH AND INVESTMENTS

#### CASH AND SHORT-TERM INVESTMENTS

At June 30, 2024, the reported amount of cash and short-term investments of the ATU, IBEW and Salaried Plans was \$20,834,193. 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, 2024:

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, 2024, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expenses, was 10.97%. 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, 2024

#### 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)			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	27/4	27/4	250/ (2)	50/
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, 2024

#### 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, 2024.

	Maturity in Years									
	 Less than 1						More			
	tnan 1		1 - 5		6 - 10		than 10		Amount	
Collateralized Mortgage Obligations	\$ -	\$	183,343	\$	411,094	\$	6,925,047	\$	7,519,484	
Corporate Bonds	438,495		8,787,627		4,091,388		3,603,777		16,921,287	
Municipal Bonds	-		-		-		418,933		418,933	
U.S. Government Agency Obligations	-		1,942		288,320		33,729,320		34,019,582	
U.S. Government Issued Obligations	-		22,517,338		6,837,136		9,837,893		39,192,367	
Asset-Backed Securities	-		308,764		2,142,451		3,598,998		6,050,213	
Total	\$ 438,495	\$	31,799,014	\$	13,770,389	\$	58,113,968	\$	104,121,866	
Corporate Bonds Municipal Bonds U.S. Government Agency Obligations U.S. Government Issued Obligations Asset-Backed Securities	\$ 438,495 - - - -	\$	8,787,627 1,942 22,517,338 308,764	\$	4,091,388 288,320 6,837,136 2,142,451	\$	3,603,777 418,933 33,729,320 9,837,893 3,598,998	\$	16,921,287 418,933 34,019,582 39,192,367 6,050,213	

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, 2024

#### 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 rates, 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, 2024, the ATU, IBEW and Salaried Plans held callable bonds with a value of \$14,902,912.

#### 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, 2024

#### 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, 2024, 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, 2024.

		Percentage of
Investment Rating	 Amount	Portfolio
Not Applicable	\$ 315,857,608	75.21%
Not Rated	54,482,287	12.97%
Aaa	29,443,977	7.01%
Aa1	895,007	0.21%
Aa2	641,473	0.15%
Aa3	700,796	0.17%
A1	3,230,850	0.77%
A2	1,088,143	0.26%
A3	1,731,189	0.41%
Baa1	1,658,152	0.39%
Baa2	2,372,818	0.56%
Baa3	3,025,157	0.72%
Ba1	1,273,577	0.30%
Ba2	256,658	0.06%
Ba3	389,952	0.09%
B1	445,513	0.11%
B2	477,249	0.11%
В3	941,211	0.22%
Caa1	204,404	0.05%
Caa2	207,328	0.05%
Caa3	10,800	0.00%
Ca	11,701	0.00%
WR	 633,624	0.18%
	\$ 419,979,474	100.00%

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

#### 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, 2024, 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 \$22,390,869

#### **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., brokerdealer) 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.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

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

The following table provides information on deposits and investments held in foreign currencies, which are stated in U.S. dollars. The ATU, IBEW and Salaried Plans do have foreign currency deposits and investments which may be used for hedging purposes.

As of June 30, 2024, the U.S. dollar balances organized by investment type and currency denomination for the ATU, IBEW and Salaried Plans are as follows:

	Foreign Currency	U.	S. Dollars	
Cash	Euro Currency	\$	4,991	
Corporate Bonds	Euro Currency		618,803	
Government Agencies	Euro Currency		114,671	
Total		\$	738,465	

#### 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, 2024:

			Fair Value Measurements Using					
		6/30/2024	Acti	oted Prices in ve Markets for entical Assets (Level 1)	0	Significant other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)
Debt Securities								
Collateralized mortgage obligations	\$	7,519,484	\$	-	\$	7,519,484	\$	-
Corporate bonds		16,921,287		-		16,921,287		-
Municipal bonds		418,933		-		418,933		-
U.S. Government Agency obligations		34,019,582		-		34,019,582		-
U.S. Government issued obligations		39,192,367		-		39,192,367		-
Asset backed obligations		6,050,213		-		6,050,213		-
Equity Securities								
Common stock		101,746,086		101,746,086		-		-
Depository receipts		244,197		244,197		<u>-</u>		-
Total investments by fair value level		206,112,149	\$	101,990,283	\$	104,121,866	\$	-
Investments measured at the net asset value								
S&P 500 index fund		74,536,312						
MSCI EAFE index fund		19,950,338						
International large capital equity fund		38,634,913						
International small capital equity fund		23,222,410						
International emerging markets fund		25,563,612						
Real estate funds		31,959,740						
Total investments measured at NAV		213,867,325						
Total investments	\$	419,979,474						
	_							

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

#### 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, 2024	Unfunded ommitments	Redemptions Frequency	Redemptions Notice Period
S&P 500 index fund <sup>1</sup> MSCI EAFE index fund <sup>2</sup> International large capital equity fund <sup>3</sup> International small capital equity fund <sup>4</sup> International emerging markets fund <sup>5</sup> Real estate funds <sup>6</sup>	\$	74,536,312 19,950,338 38,634,913 23,222,410 25,563,612 31,959,740	\$ - - - - -	Daily Semi-monthly Monthly Monthly Daily Daily, Quarterly	1 day 6-8 days 7 days 2 days 1 day
Total investments measured at the NAV	\$	213,867,325	\$ 		

- 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, 2024**

#### 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.
- 6. Real estate funds. Real estate investments are held in Clarion Lion Properties Fund, LP and Prime Property Fund, LLC. The funds are core-style, open-end commingled real estate investment funds diversified by property type and location. The primary performance objective is to combine an attractive income yield with long-term capital growth. The fair value of the investments have been determined using the NAV per share of the respective fund. The ability to redeem funds is subject to the availability of liquid assets. To the extent that liquid assets of the funds are insufficient to satisfy redemption requests, redemptions will be redeemed on a pro rata basis as liquid assets become available. Prime Property Fund, LLC had a redemption queue of \$4.6 billion at June 30, 2024. Prime Property Fund, LLC is unable to provide an estimate on when the restriction on redemptions will be removed. The current redemption queue has been in effect since June 30, 2022. Clarion Lion Properties Fund, LP had a redemption queue of \$3.8 billion at June 30, 2024. Clarion Lion Properties Fund, LP is unable to provide an estimate on when the restriction on redemptions will be removed. The current redemption queue has been in effect since September 30, 2022.

#### 5. NET PENSION LIABILITY

#### **ATU Plan**

The components of the net pension liability of the ATU Plan at June 30, 2024, were as follows:

Total pension liability	\$ 230,964,776
Plan fiduciary net position	 (182,439,142)
ATU net pension liability	\$ 48,525,634
Plan fiduciary net position as a percentage of the	
total pension liability	78.99%

The total pension liability was determined by an actuarial valuation as of July 1, 2023, 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 2.50% Salary increases 2.75%, plus merit component Investment Rate of Return 6.75%, net of investment expense

Cheiron ATU Healthy Annuitant mortality, adjusted by 95% Post-retirement mortality

> for males and 105% for females, with generational improvements using Scale MP-2020 from 2016

The actuarial assumptions used in the July 1, 2023 valuation were based on the results of an actuarial experience study for the period July 1, 2015 through June 30, 2020.

#### NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

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

The discount rate used to measure the Total Pension Liability was 6.75%. 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 service cost (net of any employee contributions), the expected administrative expenses, and an amount necessary to amortize the Unfunded Actuarial Liability (UAL) determined at July 1, 2019 as a level percentage of payroll over a closed period (9 years remaining as of the July 1, 2023 actuarial valuation) and a 20-year layered amortization schedule for UAL changes after 2019. The UAL is based on an Actuarial Valuation of Assets that recognizes differences between actual and expected investment returns on the Market Value of Assets over a five-year period.

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.

The following presents the net pension liability of the ATU Plan, calculated using the discount rate of 6.75 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 (5.75%) or 1-percentage-point higher (7.75%) than the current rate:

	1% Decrease 5.75%	Discount Rate 6.75%	1% Increase 7.75%
Total pension liability Plan fiduciary net position	\$ 254,916,284 \$ (182,439,142)	230,964,776 \$ (182,439,142)	210,534,705 (182,439,142)
Net pension liability	\$ 72,477,142 \$	48,525,634 \$	28,095,563
Plan fiduciary net position as a percentage of the total pension liability	71.57%	78.99%	86.66%

#### **IBEW Plan**

T... Cl ....

The components of the net pension liability of the IBEW Plan at June 30, 2024, were as follows:

Total pension liability	\$ 105,150,736
Plan fiduciary net position	(82,588,719)
IBEW net pension liability	\$ 22,562,017
Plan fiduciary net position as a percentage of the	 
total pension liability	78.54%

The total pension liability was determined by an actuarial valuation as of July 1, 2023, 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	2.50%
Salary increases	2.75%, plus merit component
Investment Rate of Return	6.75%, net of investment expense
Post-retirement mortality	Cheiron ATU Healthy Annuitant mortality, adjusted by 95%
	for males and 105% for females, with generational
	improvements using Scale MP-2020 from 2016

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

### 5. NET PENSION LIABILITY (Continued)

The actuarial assumptions used in the July 1, 2023 valuation were based on the results of an actuarial experience study for the period July 1, 2015 through June 30, 2020.

The discount rate used to measure the Total Pension Liability was 6.75%. 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 service cost (net of any employee contributions), the expected administrative expenses, and an amount necessary to amortize the Unfunded Actuarial Liability (UAL) determined at July 1, 2019 as a level percentage of payroll over a closed period (9 years remaining as of the July 1, 2023 actuarial valuation) and a 20-year layered amortization schedule for UAL changes after 2019. The UAL is based on an Actuarial Value of Assets that recognizes differences between actual and expected investment returns on the Market Value of Assets over a five-year period.

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 6.75 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 (5.75%) or 1-percentage-point higher (7.75%) than the current rate:

	1% Decrease 5.75%	Discount Rate 6.75%	1% Increase 7.75%
Total pension liability Plan fiduciary net position	\$ 116,473,207 \$ (82,588,719)	105,150,736 \$ (82,588,719)	95,518,944 (82,588,719)
Net pension liability	\$ 33,884,488 \$	22,562,017 \$	12,930,225
Plan fiduciary net position as a percentage of the total pension liability	70.91%	78.54%	86.46%

# Salaried Plan

The components of the net pension liability of the Salaried Plan at June 30, 2024, were as follows:

Total pension liability	\$ 198,389,361
Plan fiduciary net position	(147,310,778)
Salaried net pension liability	\$ 51,078,583
Plan fiduciary net position as a percentage of the	
total pension liability	74.25%

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

# 5. NET PENSION LIABILITY (Continued)

The total pension liability was determined by an actuarial valuation as of July 1, 2023, 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 2.50%

Salary increases 2.75%, plus merit component Investment Rate of Return 6.75%, net of investment expense

Post-retirement mortality Private Retirement (Pri) 2012 Bottom Quartile Tables for

Healthy Annuitants Mortality Tables projected with Scale MP-2020 published by the Society of Actuaries, with the

base tables adjusted 105% for females.

The actuarial assumptions used in the July 1, 2023 valuation were based on the results of an actuarial experience study for the period July 1, 2015 through June 30, 2020.

The discount rate used to measure the Total Pension Liability was 6.75%. 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 service cost (net of any employee contributions), the expected administrative expenses, and an amount necessary to amortize the Unfunded Actuarial Liability (UAL) determined at July 1, 2019 as a level percentage of payroll over a closed period (9 years remaining as of the July 1, 2023 actuarial valuation) and a 20-year layered amortization schedule for UAL changes after 2019. The UAL is based on an Actuarial Value of Assets that recognizes differences between actual and expected investment returns on the Market Value of Assets over a five-year period.

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 6.75 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 (5.75%) or 1-percentage-point higher (7.75%) than the current rate:

	1%	Discount	1%
	Decrease	Rate	Increase
	5.75%	6.75%	7.75%
Total pension liability	\$ 220,276,665 \$	198,389,361 \$	179,790,935
Plan fiduciary net position	 (147,310,778)	(147,310,778)	(147,310,778)
Net pension liability	\$ 72,965,887 \$	51,078,583 \$	32,480,157
Plan fiduciary net position as a			
percentage of the total pension liability	66.88%	74.25%	81.93%

# NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE FISCAL YEAR ENDED JUNE 30, 2024

# 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 commingled fund for economies of scale. The long-term expected rate of return on pension plans' 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 plans' target asset allocation as of June 30, 2024, are summarized in the following table:

	Long-Term Expected
Asset Class	Real Rate of Return
Domestic Equity Large Cap	8.70%
Domestic Equity Small Cap	9.80%
International Equity Developed	9.25%
International Equity Emerging	10.65%
Domestic Fixed Income	5.25%
Real Estate	6.85%



# 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, 2024, 2023, 2022 AND 2021

	2024	2023	2022	2021
Total pension liability Service cost Interest (includes interest on service cost) Changes of benefit terms	\$ 6,775,982 \$ 14,450,562	6,147,536 \$ 14,092,064	5,953,419 \$ 13,712,873	5,457,843 13,411,008
Difference between expected and actual experience Change of assumptions Change in bargaining group	6,171,097 - -	(1,144,821) - (306,032)	(285,600) - (515,525)	1,531,462 10,690,055
Benefit payments, including refunds of member contributions	(14,134,387)	(13,450,294)	(13,239,168)	(13,074,333)
Net change in total pension liability	 13,263,254	5,338,453	5,625,999	18,016,035
Total pension liability - beginning	 217,701,522	212,363,069	206,737,070	188,721,035
Total pension liability - ending	\$ 230,964,776 \$	217,701,522 \$	212,363,069 \$	206,737,070
Plan fiduciary net position Contributions - employer Contributions - member Change in bargaining group Net investment income (loss)	\$ 11,437,314 \$ 1,911,287 - 17,447,136	10,500,021 \$ 1,429,978 (248,765) 11,501,062	10,417,845 \$ 1,191,796 (667,990) (12,345,778)	9,579,205 1,041,899 - 36,857,731
Benefit payments, including refunds of member contributions Administrative expense	(14,134,387) (295,884)	(13,450,294) (289,981)	(13,239,168) (269,615)	(13,074,333) (283,989)
Net change in plan fiduciary net position	 16,365,466	9,442,021	(14,912,910)	34,120,513
Plan fiduciary net position - beginning	 166,073,676	156,631,655	171,544,565	137,424,052
Plan fiduciary net position - ending	\$ 182,439,142 \$	166,073,676 \$	156,631,655 \$	171,544,565
Net pension liability - ending	\$ 48,525,634 \$	51,627,846 \$	55,731,414 \$	35,192,505
Plan fiduciary net position as a percentage of the total pension liability	78.99%	76.29%	73.76%	82.98%
Covered payroll	\$ 43,423,598 \$	39,651,360 \$	38,050,032 \$	35,334,877
Net pension liability as a percentage of covered payroll	111.75%	130.20%	146.47%	99.60%

**Notes to Schedule:** Payroll amounts are based on actual pensionable compensation from the employer -FY2021: amounts are reported as changes of assumptions resulted from lowering the discount rate from 7.25% to 6.75% and updated demographic and economic assumptions that were adopted following an experience study.

# 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 Interest (includes interest on service cost) Changes of benefit terms Difference between expected and	\$	5,197,253 \$ 13,012,883	5,084,840 \$ 12,664,533	4,765,696 \$ 12,761,359	4,835,944 12,885,195 (11,268)
actual experience Change of assumptions Change in bargaining group Benefit payments, including refunds of		(87,109) - -	(519,304) (172,948) (314,880)	(261,689) 3,663,543 (5,129,398)	(5,577,742)
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 Contributions - member	\$	8,783,426 \$ 766,861	8,533,307 \$ 493,597	7,863,420 \$ 337,009	7,987,367 168,463
Change in bargaining group		700,801	(343,707)	(2,638,467)	100,403
Net investment income (loss)		2,523,724	8,012,792	8,591,810	14,419,708
Benefit payments, including refunds of member contributions Administrative expense	-	(12,455,822) (243,847)	(11,545,372) (279,016)	(11,304,112) (260,006)	(10,776,986) (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

<sup>-</sup>FY2017: Changes in benefit terms are due to changes to the basis used for calculating actuarial equivalence for the Pre-Retirement Death Benefit. 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, 2024, 2023, 2022, AND 2021

-				
	2024	2023	2022	2021
Total pension liability				
Service cost Interest (includes interest on service cost)	\$ 2,397,094 \$ 6,723,579	2,213,369 \$ 6,480,988	2,184,369 \$ 6,284,031	1,935,920 6,010,122
Changes of benefit terms Difference between expected and actual experience Changes of assumptions Benefit payments, including refunds	498,409 -	393,923	(291,610)	(149,316) 7,111,874
of member contributions	 (5,702,774)	(5,470,433)	(5,082,251)	(4,587,268)
Net change in total pension liability	3,916,308	3,617,847	3,094,539	10,321,332
Total pension liability - beginning	 101,234,428	97,616,581	94,522,042	84,200,710
Total pension liability - ending	\$ 105,150,736 \$	101,234,428 \$	97,616,581 \$	94,522,042
Plan fiduciary net position				
Contributions - employer	\$ 5,263,040 \$	4,495,272 \$	4,163,949 \$	3,578,685
Contributions - member Net investment income (loss)	685,610 8,110,444	585,325 5,265,205	488,243 (5,444,825)	342,404 16,461,248
Benefit payments, including refunds of member contributions Administrative expense	(5,702,774) (227,672)	(5,470,433) (223,730)	(5,082,251) (234,081)	(4,587,268) (256,797)
Net change in plan fiduciary net position	8,128,648	4,651,639	(6,108,965)	15,538,272
Plan fiduciary net position - beginning	74,460,071	69,808,432	75,917,397	60,379,125
Plan fiduciary net position - ending	\$ 82,588,719 \$	74,460,071 \$	69,808,432 \$	75,917,397
Net pension liability - ending	\$ 22,562,017 \$	26,774,357 \$	27,808,149 \$	18,604,645
Plan fiduciary net position as a percentage of the total pension liability	78.54%	73.55%	71.51%	80.32%
Covered payroll	\$ 16,996,391 \$	15,215,157 \$	14,720,399 \$	13,777,698
Net pension liability as a percentage of covered payroll	132.75%	175.97%	188.91%	135.03%

# **Notes to Schedule:**

<sup>-</sup>Payroll amounts are based on actual pensionable compensation from the employer

<sup>-</sup>FY2021: amounts are reported as changes of assumptions resulted from lowering the discount rate from 7.25% to 6.75% and updated demographic and economic assumptions that were adopted following an experience study.

# 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

		2020	2019	2018	2017
Total pension liability					
Service cost Interest (includes interest on service cost)	\$	1,806,472 \$ 5,716,051	1,792,845 \$ 5,449,300	1,596,227 \$ 5,338,451	1,640,651 4,742,855
Changes of benefit terms		-	-	(050.262)	(105,379)
Difference between expected and actual experience Changes of assumptions Benefit payments, including refunds		845,009	499,642 (98,047)	(978,363) 1,630,101	2,420,299
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 (loss)	\$	3,230,879 \$ 304,593 1,082,659	3,299,013 \$ 209,531 3,482,632	3,195,912 \$ 103,415 3,629,568	3,315,379 39,287 5,332,230
Benefit payments, including refunds of member contributions Administrative expense		(4,169,979) (218,135)	(3,779,076) (229,569)	(3,621,685) (225,752)	(3,281,167) (239,188)
Net change in plan fiduciary net position		230,017	2,982,531	3,081,458	5,166,541
Plan fiduciary net position - beginning		60,149,108	57,166,577	54,085,119	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%	75.18%	75.08%	74.94%
Covered payroll	\$	14,166,689 \$	13,300,633 \$	13,137,945 \$	12,473,480
• •	Ψ	17,100,007 \$	13,300,033 \$	13,137,773 Ø	12,775,700
Net pension liability as a percentage of covered payroll		168.15%	149.27%	144.41%	145.02%

# **Notes to Schedule:**

<sup>-</sup>Payroll amounts are based on actual pensionable compensation from the employer

<sup>-</sup>FY2017: Changes in benefit terms are due to changes to the basis used for calculating actuarial equivalence for the Pre-Retirement Death Benefit. 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 ATU LOCAL 256 AND IBEW 1245 FOR THE FISCAL YEARS ENDED JUNE 30, 2016 AND 2015

		2016		2015
Total pension liability		_		
Service cost	\$	5,760,060	\$	5,753,143
Interest	-	16,758,356	•	16,384,487
Difference between expected and actual returns		(1,456,639)		(2,941,777)
Changes of assumptions		8,176,501		1,621,574
Change in bargaining group		-		-
Benefit payments, including refunds of member contributions		(13,180,874)		(13,157,985)
Net change in total pension liability		16,057,404		7,659,442
Total pension liability - beginning		222,705,517		215,046,075
Total pension liability - ending	\$	238,762,921	\$	222,705,517
Plan fiduciary net position Contributions - employer Contributions - member Net investment income (loss) Change in bargaining group Benefit payments, including refunds of member contributions Administrative expense	\$	10,447,190 54,714 (1,121,417) - (13,180,874) (290,647)	\$	10,343,620 3,682 4,609,506 - (13,157,985) (190,442)
Net change in plan fiduciary net position		(4,091,034)		1,608,381
Plan fiduciary net position - beginning		172,106,054		170,497,673
Plan fiduciary net position - ending	\$	168,015,020	\$	172,106,054
Net pension liability - ending	\$	70,747,901	\$	50,599,463
Plan fiduciary net position as a percentage of the total pension liability		70.37%		77.28%
Covered payroll	\$	39,996,326	\$	37,950,269
Net pension liability as a percentage of covered payroll		176.89%		133.33%

# **Notes to Schedule:**

Payroll amounts are based on actual pensionable compensation from the employer.

<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 30 through 33.

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

	2024	2023	2022	2021	2020
Total pension liability					
Service cost Change in bargaining group	\$ 5,389,360 \$	5,169,296 \$ 249,432	4,836,477 \$ 836,523	4,265,105 \$	4,024,291
Interest (includes interest on service cost) Changes of benefit terms	12,561,608	12,094,257	11,663,422	11,359,811	10,794,658
Difference between expected and actual experience Changes of assumptions Benefit payments, including refunds of	3,142,315	1,243,109	311,027	1,861,545 8,967,358	2,669,480
member contributions	 (12,104,624)	(11,781,877)	(11,086,271)	(10,182,471)	(9,453,326)
Net change in total pension liability	8,988,659	6,974,217	6,561,178	16,271,348	8,035,103
Total pension liability - beginning	 189,400,702	182,426,485	175,865,307	159,593,959	151,558,856
Total pension liability - ending	\$ 198,389,361 \$	189,400,702 \$	182,426,485 \$	175,865,307 \$	159,593,959
Plan fiduciary net position					
Contributions - employer	\$ 12,363,514 \$	11,561,711 \$	10,993,228 \$	9,807,539 \$	9,159,513
Contributions - member	1,005,691	858,224	705,053	466,141	360,051
Change in bargaining group	-	248,765	667,990	-	-
Net investment income (loss)	15,295,118	9,774,402	(9,801,602)	28,976,644	1,526,151
Benefit payments, including refunds of	(12.104.624)	(11.701.077)	(11.00(.271)	(10 102 471)	(0.452.22()
member contributions Administrative expense	(12,104,624) (239,349)	(11,781,877) (253,898)	(11,086,271) (262,018)	(10,182,471) (253,303)	(9,453,326) (226,310)
Administrative expense	 (237,347)	(233,676)	(202,010)	(233,303)	(220,310)
Net change in plan fiduciary net position	16,320,350	10,407,327	(8,783,620)	28,814,550	1,366,079
Plan fiduciary net position - beginning	 130,990,428	120,583,101	129,366,721	100,552,171	99,186,092
Plan fiduciary net position - ending	\$ 147,310,778 \$	130,990,428 \$	120,583,101 \$	129,366,721 \$	100,552,171
Net pension liability - ending	\$ 51,078,583 \$	58,410,274 \$	61,843,384 \$	46,498,586 \$	59,041,788
Plan fiduciary net position as a percentage of the total pension liability	 74.25%	69.16%	66.10%	73.56%	63.00%
Covered payroll	\$ 33,041,904 \$	30,417,243 \$	28,436,264 \$	27,147,142 \$	26,295,215
Net pension liability as a percentage of covered payroll	154.59%	192.03%	217.48%	171.28%	224.53%

# **Notes to Schedule:**

-FY2021: amounts reported as changes of assumptions resulted from lowering the discount rate from 7.25% to 6.75% and updated demographic and economic assumptions that were adopted following an experience study.

Payroll amounts are based on actual pensionable compensation from the employer.

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

		2019	2018	2017	2016	2015
Total pension liability						
Service cost	\$	3,831,831 \$	3,647,115 \$	3,873,148 \$	3,594,919 \$	3,476,103
Change in bargaining group		474,438	5,129,398	<u>-</u>	<u>-</u>	<u>-</u>
Interest (includes interest on service cost)		10,288,390	9,485,966	8,960,042	8,807,953	8,434,365
Changes of benefit terms Difference between expected and actual experience		1,215,057	1,856,563	(298,430) 2,062,482	(852,040)	(753,076)
Changes of assumptions		(17,295)	3,291,931	2,002,462	(680,161)	930,863
Benefit payments, including refunds of		(17,273)	3,271,731		(000,101)	750,005
member contributions	_	(8,373,494)	(7,779,366)	(7,179,362)	(6,190,981)	(5,502,144)
Net change in total pension liability		7,418,927	15,631,607	7,417,880	4,679,690	6,586,111
Total pension liability - beginning		144,139,929	128,508,322	121,090,442	116,410,752	109,824,641
Total pension liability - ending	\$	151,558,856 \$	144,139,929 \$	128,508,322 \$	121,090,442 \$	116,410,752
Plan fiduciary net position						
Contributions - employer	\$	8,503,815 \$	7,669,178 \$	7,321,138 \$	7,576,866 \$	7,335,308
Contributions - member	•	193,293	143,094	53,706	21,014	261
Change in bargaining group		343,707	2,638,467	-	-	-
Net investment income (loss)		5,649,123	6,073,483	9,388,876	(396,556)	2,132,136
Benefit payments, including refunds of member contributions		(0.272.404)	(7.770.266)	(7.170.2(2)	(6 100 001)	(5.502.144)
Administrative expense		(8,373,494) (260,441)	(7,779,366) (247,077)	(7,179,362) (289,067)	(6,190,981) (269,624)	(5,502,144) (194,209)
Administrative expense		(200,441)	(247,077)	(20),007)	(20),024)	
Net change in plan fiduciary net position		6,056,003	8,497,779	9,295,291	740,719	3,771,352
Plan fiduciary net position - beginning	_	93,130,089	84,632,310	75,337,019	74,596,300	70,824,948
Plan fiduciary net position - ending	\$	99,186,092 \$	93,130,089 \$	84,632,310 \$	75,337,019 \$	74,596,300
Net pension liability - ending	\$	52,372,764 \$	51,009,840 \$	43,876,012 \$	45,753,423 \$	41,814,452
Plan fiduciary net position as a percentage of						
the total pension liability		65.44%	64.61%	65.86%	62.22%	64.08%
Covered payroll	\$	22,220,418 \$	24,283,580 \$	23,435,642 \$	24,341,878 \$	23,022,281
Net pension liability as a percentage of covered payroll		235.70%	210.06%	187.22%	187.96%	181.63%

### **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.
- -FY2017: Changes in benefit terms are due to changes to the basis used for calculating actuarial equivalence for the Pre-Retirement Death Benefit.
- -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.
- -Payroll amounts are based on actual pensionable compensation from the employer.

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

# FOR THE FISCAL YEARS ENDING JUNE 30, 2024, 2023, 2022, 2021, 2020, 2019, 2018 AND 2017 (Dollar amounts in thousands)

	2024	2023	2022	2021	2020	2019	2018	2017
Actuarially determined contribution Contributions in relation to the actuarially	\$ 11,437 \$	10,500 \$	10,418 \$	9,579 \$	8,783 \$	8,533 \$	7,863 \$	7,987
determined contribution	 11,437	10,500	10,418	9,579	8,783	8,533	7,863	7,987
Contribution deficiency (excess)	\$ - \$	- \$	- \$	- \$	- \$	- \$	- \$	-
Covered payroll	\$ 43,424 \$	39,651 \$	38,050 \$	35,335 \$	34,174 \$	30,126 \$	31,575 \$	30,212
Contributions as a percentage of covered payroll	26.34%	26.48%	27.38%	27.11%	25.70%	28.33%	24.90%	26.44%

### **Notes to Schedule**

Valuation Date 7/1/2022 (to determine FY23-24 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 The unfunded liability as of 6/30/2019 is being amortized as a level percentage of payroll over a 10-year closed period as of

6/30/2022. Effective 7/1/2020, changes in the unfunded liability are amortized over 20-year layers.

Asset valuation method 5-year smoothed fair value

Discount Rate 6.75% Amortization growth rate 2.75% Price inflation 2.50%

Salary Increases 2.75%, plus merit component on employee classification and years of service

Mortality Healthy annuitants: Cheiron ATU Healthy Annuitant Mortality base tables adjusted 95% for males and 105% for

females w/ Scale MP-2020 from 2016. Disabled annuitants: Cheiron ATU Disabled Annuitant Mortality w/ Scale MP-2020

from 2016.

### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2024, can be found in the July 1, 2022 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, 2024, 2023, 2022, 2021, 2020, 2019, 2018 AND 2017 (Dollar amounts in thousands)

	2024	2023	2022	2021	2020	2019	2018	2017
Actuarially determined contribution	\$ 5,263 \$	4,495 \$	4,164 \$	3,579 \$	3,231 \$	3,299 \$	3,196 \$	3,315
Contributions in relation to the actuarially determined contribution	5,263	4,495	4,164	3,579	3,231	3,299	3,196	3,315
Contribution deficiency (excess)	\$ - \$	- \$	- \$	- \$	- \$	- \$	- \$	-
Covered payroll	\$ 16,996 \$	15,215 \$	14,720 \$	13,778 \$	14,167 \$	13,301 \$	13,138 \$	12,473
Contributions as a percentage of covered payroll	30.97%	29.54%	28.29%	25.98%	22.81%	24.80%	24.33%	26.58%

# **Notes to Schedule**

Valuation Date 7/1/2022 (to determine FY23-24 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 The unfunded liability as of 6/30/2019 is being amortized as a level percentage of payroll over a 10-year closed period as

of 6/30/2022. Effective 7/1/2020, changes in the unfunded liability are amortized over 20-year layers.

Asset valuation method 5-year smoothed fair value

Discount Rate 6.75% Amortization growth rate 2.75% Price inflation 2.50%

Salary Increases 2.75%, plus merit component on employee classification and years of service

Mortality Healthy annuitants: Cheiron ATU Healthy Annuitant Mortality base tables adjusted 95% for males and 105% for females w/

Scale MP-2020 from 2016. Disabled annuitants: Cheiron ATU Disabled Annuitant Mortality w/ Scale MP-2020 from 2016.

### Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2024, can be found in the July 1, 2022 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 AND 2015

(Dollar amounts in thousands)

	2016	2015
Actuarially determined contribution	\$ 10,447 \$	10,344
Contributions in relation to the actuarially determined contribution	10,447	10,344
Contribution deficiency (excess)	\$ - \$	-
Covered payroll	\$ 39,996 \$	37,950
Contributions as a percentage of covered payroll	26.12%	27.26%

Note: Payroll amounts are based on actual total payroll of the District.

### **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 fair value

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)

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Actuarially determined contribution	\$ 12,364 \$	11,562 \$	10,993 \$	9,808 \$	9,160 \$	8,504 \$	7,669 \$	7,321 \$	7,577 \$	7,335
Contributions in relation to the actuarially determined contribution	 12,364	11,562	10,993	9,808	9,160	8,504	7,669	7,321	7,577	7,335
Contribution deficiency (excess)	\$ - \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	-
Covered payroll	\$ 33,042 \$	30,417 \$	28,436 \$	27,147 \$	26,295 \$	22,220 \$	24,284 \$	23,436 \$	24,342 \$	23,022
Contributions as a percentage of covered payroll	37.42%	38.01%	38.66%	36.13%	34.84%	38.27%	31.58%	31.24%	31.13%	31.86%

Note: Payroll amounts are based on actual total payroll of the District.

# **Notes to Schedule**

Valuation Date 7/1/2022 (to determine FY23-24 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 The unfunded liability as of 6/30/2019 is being amortized as a level percentage of payroll over a 10-year closed period as

of 6/30/2022. Effective 7/1/2020, changes in the unfunded liability are amortized over 20-year layers.

Asset valuation method 5-year smoothed fair value

Discount Rate 6.75% Amortization growth rate 2.75% Price inflation 2.50%

Salary Increases 2.75%, plus merit component on employee classification and years of service

Mortality Healthy annuitants: Pri-2012 Bottom Quartile Table for Healthy Annuitants projected with Scale MP-2020, base tables adjusted

105% for females. Disabled annuitants: RP 2014 Disabled Retiree Mortality w/ Scale MP-2020, base tables adjusted 130% for

males and 115% for females.

Other information:

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2024, can be found in the July 1, 2022 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

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Annual money-weighted rate of return, net of investment expense	10.97%	7.69%	-7.30%	27.60%	1.98%	6.23%	6.93%	12.09%	-0.19%	3.25%

Note: To achieve economies of scale, assets are combined and invested as one pool for the ATU, IBEW and Salaried Plans.

# SUPPLEMENTAL SCHEDULES

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES EMPLOYEES WHO ARE MEMBERS OF ATU LOCAL 256 FOR THE FISCAL YEAR ENDED JUNE 30, 2024

# **Investment Expenses:**

Vendor Names	Type of Services	Amount		
Boston Partners Investment Management	Asset Management	\$	148,826	
Atlanta Capital Management Co.	Asset Management		117,410	
TCW	Asset Management		111,925	
Pyrford	Asset Management		109,727	
Morgan Stanley	Asset Management		87,835	
Clarion	Asset Management		85,897	
AQR	Asset Management		83,905	
SSgA S&P 500	Asset Management		5,894	
SSgA MSCI EAFE	Asset Management		3,328	
Northern Trust Company	Custodian Services		42,673	
Callan Associates, Inc.	Investment Advisor		60,972	
Total		\$	858,392	

# **Administrative Expenses:**

Vendor Names	Type of Services	Amount	
Sacramento Regional Transit District	Plan Administration	\$	155,383
Hanson Bridgett	Consulting Services		65,600
Cheiron EFI	Actuarial Services		41,312
Alliant Insurance Services, Inc.	Fiduciary Insurance		14,548
Sacramento Area Council of Governments	Audit Services		9,020
CALAPRS	Dues & Training Courses		7,913
Other	Misc		2,108
Total		\$	295,884

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES EMPLOYEES WHO ARE MEMBERS OF IBEW LOCAL 1245 FOR THE FISCAL YEAR ENDED JUNE 30, 2024

# **Investment Expenses:**

Vendor Names	Type of Services	Amount		
Boston Partners Investment Management	Asset Management	\$	67,126	
Atlanta Capital Management Co.	Asset Management		52,954	
TCW	Asset Management		50,486	
Pyrford	Asset Management		49,490	
Morgan Stanley	Asset Management		39,135	
Clarion	Asset Management		37,212	
AQR	Asset Management		36,388	
SSgA S&P 500	Asset Management		2,658	
SSgA MSCI EAFE	Asset Management		1,501	
Northern Trust Company	Custodian Services		19,245	
Callan Associates, Inc.	Investment Advisor		27,467	
Total		\$	383,662	

# **Administrative Expenses:**

Vendor Names	Type of Services	Amount		
Sacramento Regional Transit District	ento Regional Transit District Plan Administration		95,199	
Hanson Bridgett	Consulting Services		65,600	
Cheiron EFI	Actuarial Services		36,687	
Alliant Insurance Services, Inc.	Fiduciary Insurance		14,599	
Sacramento Area Council of Governments	Audit Services		9,020	
CALAPRS	Dues & Training Courses		4,464	
Other	Misc		2,103	
Total		\$	227,672	

# SCHEDULES OF INVESTMENT AND ADMINISTRATIVE EXPENSES SALARIED EMPLOYEES FOR THE FISCAL YEAR ENDED JUNE 30, 2024

# **Investment Expenses:**

Vendor Names	Type of Services	Amount		
Boston Partners Investment Management	Asset Management	\$	118,902	
Atlanta Capital Management Co.	Asset Management		93,791	
TCW	Asset Management		89,431	
Pyrford	Asset Management		87,659	
Morgan Stanley	Asset Management		64,355	
AQR	Asset Management		60,839	
Clarion	Asset Management		57,140	
SSgA S&P 500	Asset Management		4,710	
SSgA MSCI EAFE	Asset Management		2,659	
Northern Trust Company	Custodian Services		34,083	
Callan Associates, Inc.	Investment Advisor		48,561	
Total		\$	662,130	

# **Administrative Expenses:**

Vendor Names	Type of Services	Amount		
Sacramento Regional Transit District	Pension Administration	\$	104,968	
Hanson Bridgett	Consulting Services		65,600	
Cheiron EFI	Actuarial Services		34,937	
Alliant Insurance Services, Inc.	Fiduciary Insurance		14,624	
Sacramento Area Council of Governments	Audit Services		9,020	
CALAPRS	Dues & Training Courses		8,096	
Other	Miscellaneous		2,104	
Total		\$	239,349	



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, 2024, and the related notes to the financial statements, which collectively comprise the Plans' basic financial statements, and have issued our report thereon dated December 2, 2024.

# **Report on 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 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 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 or significant deficiencies may exist that have not been identified.

# **Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the 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 UP

Sacramento, California December 2, 2024



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 certain matters to keep you adequately informed about matters related to the financial statement audit that are, in our professional judgment, significant and relevant to your responsibilities in overseeing the financial reporting process. We communicate such matters in this report.

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

Our responsibility is to form and express 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. 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 ATU Plan, IBEW Plan and Salaried Plan for Sacramento Regional Transit District Employees ("the Plans") for further information on the responsibilities of management and of Crowe LLP.

# **AUDITOR'S RESPONSIBILITY UNDER GOVERNMENT AUDITING STANDARDS**

As part of obtaining reasonable assurance about whether the Plans' financial statements are free of material misstatement, we performed tests of the Plans' compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts or disclosures. 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*.

# COMMUNICATIONS REGARDING OUR INDEPENDENCE FROM THE PLANS

Auditing standards generally accepted in the United States of America require independence for all audits, and we confirm that we are independent auditors with respect to the Plans under the independence requirements established by the American Institute of Certified Public Accountants.

Additionally, we wish to communicate that we have no relationships with the Plans that, in our professional judgment, may reasonably be thought to bear on our independence and that we gave significant consideration to in reaching the conclusion that our independence has not been impaired.

# PLANNED SCOPE AND TIMING OF THE AUDIT

We are to communicate an overview of the planned scope and timing of the audit. Accordingly, the following matters regarding the planned scope and timing of the audit were discussed 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.
- The nature and extent of specialized skills or knowledge needed to plan and evaluate the results of the audit, including the use of an auditor's expert.
- 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 of matters you consider warrant our attention during the audit, as well as your views on:
  - o 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.
  - o Significant communications between the entity and 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 following describes the significant accounting estimates reflected in the Plans' year-end financial statements, the process used by management in formulating these particularly sensitive accounting estimates and the primary basis for our conclusions regarding the reasonableness of those estimates.

Significant Accounting Estimate	Process Used by Management	Basis for Our Conclusions
Classification of Investment Securities Within the Fair Value Hierarchy	GASB Statement No. 72, Fair Value Measurements and Application requires the reporting of investments 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.

Significant Accounting Estimate	Process Used by Management	Basis for Our Conclusions
Fair Values of Investment Securities and Other Financial Instruments	The disclosure of fair values of securities and other financial instruments requires management to use certain assumptions and estimates pertaining to the fair values of its financial assets and financial liabilities.	We tested the propriety of information underlying management's estimates.
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.

- The appropriateness of the accounting policies to the particular circumstances of the entity, considering the need to balance the cost of providing information with the likely benefit to users of the entity's 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 entity's 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. Uncorrected misstatements or matters underlying the uncorrected misstatements could potentially cause future-period financial statements to be materially misstated, even if it was concluded that the uncorrected misstatements are immaterial to the financial statements under audit. 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 Included in an Annual Report Information may be prepared by management that accompanies or includes 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 a material inconsistency exists between the other information and the financial statements. We are also to remain alert for indications that:  Material inconsistency exists between the other information and the auditor's knowledge obtained in the audit; or	We understand that management has not prepared other information to accompany the audited financial statements.
A material misstatement of fact exists, or the other information is otherwise misleading.  If we identify a material inconsistency between the other information and the financial statements, we are to seek a resolution of the matter.	
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.
Difficulties or Contentious Matters We are required to discuss with the Those Charged with Governance any difficulties or contentious matters for which we consulted outside of the engagement team.	During the audit, there were no such issues for which we consulted outside the engagement team.

Communication Item	Results
Circumstances that Affect the Form and Content of the Auditor's Report We are to discuss with you any circumstances that affect the form and content of the auditor's report, if any.	There are no such circumstances that affect the form and content of the auditor's report.
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 to 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 Findings or Issues We are to communicate to you significant findings or issues arising during the audit in connection with the Plans' related parties.	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 during the audit that are, in our professional judgment, significant and relevant to you regarding your 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 your oversight of the financial reporting process.

We are pleased to serve your Plans as its 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 of the Members of the Retirement Board of Directors and, if appropriate, management, and is not intended to be and should not be used by anyone other than these specified parties.

Crowe LLP

Crowne LLP

Sacramento, California December 2, 2024



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 ATU Plan, IBEW Plan and Salaried Plan for Sacramento Regional Transit District Employees ("the Plans") as of and for the year ended June 30, 2024, in accordance with auditing standards generally accepted in the United States of America and *Government Auditing Standards*, we considered the Plan's 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.

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

Crowe LLP

Sacramento, California December 2, 2024



# RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

**TO:** Sacramento Regional Transit Retirement Boards - All

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

**SUBJ:** UPDATE ON ROLES AND RESPONSIBILITIES RELATED TO

PENSION ADMINISTRATION - QUARTER ENDED

**DECEMBER 31, 2024** 

# RECOMMENDATION

No Recommendation - For 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 functions performed by Staff and Legal Counsel in support of the pension plans. The reports prepared for the quarter ended December 31, 2024 are attached for review and identified 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

For the quarter ended December 31<sup>st</sup> (which considers new retirements effected between the October 10<sup>th</sup> and December 24<sup>th</sup> pay dates), staff processed pensions for 8 new retirees and the average wait time was 49 days for initial payment. That activity represents a decrease from the prior quarter, when staff processed a total of 15 new retirements and the average wait time was 42 days. In comparison to the same period from 2023 (when staff processed a total of 6 new retirements and the average wait time was 54 days), the December 31<sup>st</sup> data appears typical for the fourth quarter of the calendar year.

Retirement Board Agenda Item 13 March 19, 2025 Page 2

For the current quarter ending March 31<sup>st</sup> (which is still in progress and presently considers new pension payments effected between the January 10<sup>th</sup> and February 25<sup>th</sup> pay dates), staff has processed pensions for 8 new retirees with an average waiting period of 58 days.

# Pension Administration Staff Roles and Responsibilities

# **Pension Plan Member Relations:**

Task	Primary Responsibility	Back Up Responsibility	
Respond to Employee and Retiree Inquiries	Retirement Services Analyst (I & II), Administrative Assistant II	Manager - Pension & Retirement	
Conduct Educational Sessions	Manager - Pension & Retirement	Retirement Services Analyst II	
Create Pension Estimates	Retirement Services Analyst II	Retirement Services Analyst I	
Process Disability Retirements	Retirement Services Analyst II	Manager - Pension & Retirement	
Process Employee and Retiree Deaths	Retirement Services Analyst I	Retirement Services Analyst II	
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 Manager	
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)	Retirement Services Analysts (I & II)	
Process Lump-Sum Distribution or "Refund" of Employee Contributions for Terminated PEPRA Members	Retirement Services Analyst I	Manager - Pension & Retirement	
Retrieve Undeliverable Retiree Mail and Facilitate Required Changes of Address	Administrative Assistant II	Retirement Services Analyst I	
Conduct Lost Participant Searches and Related Processes for Returned Checks/stubs	Retirement Services Analyst I	Administrative Assistant II	
Retiree Medical – Initial Enrollment	HR Analyst II	HR Department	
Print, Stuff and Mail Pay Stubs	Payroll Analyst	Payroll Manager	
Manage Stale and Lost Check Replacement	Payroll Analyst	Payroll Manager	
Issue Copies of Retiree Pay Stubs and 1099-R Forms	Payroll Analyst	Payroll Manager	

# **Plan Documents:**

Task	Primary Responsibility	Back Up Responsibility
Negotiate Benefits, Provisions	VP, Employee Development and Engagement	Senior Manager, Labor Relations
Incorporate Negotiated Benefits/ Provisions into Plan Documents	Chief Counsel, RT	External Counsel
Interpret Plan Provisions	Manager – Pension & Retirement,	External Counsel

	Hanson Bridgett	
Provide Guidance to Staff Regarding New Plan Provisions & Regulations	Manager – Pension & Retirement	Chief Counsel, RT

# **Contracting & Contract Administration:**

Task	Primary Responsibility	Back Up Responsibility	
Contract Management, including Oversight of RFP Processes	Manager – Pension & Retirement	VP - Finance	
Legal Services (Hanson Bridgett) Contract Procurement	Manager – Pension & Retirement	VP - Finance	
Actuarial Services (Cheiron) Contract Procurement	Manager – Pension & Retirement	VP - Finance	
Investment Manager Services (Callan) Contract Procurement	Accountant II	VP - Finance	
Ensure Adherence to Contract Provisions	Manager – Pension & Retirement	VP - Finance	
Process Retirement Board Vendor Invoices	Retirement Services Analyst II	Manager - Pension & Retirement	
Pay Invoices	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	VP – Finance	
Draft Staff Reports and Resolutions, Compile Attachments	Staff Presenting Issue to Board	Manager – Pension & Retirement, VP - Finance	
Post Retirement Board Agenda Materials	Retirement Services Analyst I	Administrative Assistant II	
Moderate Retirement Board Meetings	Manager - Pension & Retirement	VP - Finance	

# **Retirement Board Administration:**

Task	Primary Responsibility	Back Up Responsibility	
Train Staff/Board Members	Manager – Pension & Retirement	Staff/Vendor with Subject Matter Expertise	
Prepare and Process Travel Arrangements for Retirement Board Members for Training	Retirement Services Analyst I	Administrative Assistant II	
Facilitate Annual Fiduciary Liability Insurance Renewal	Manager – Pension & Retirement	VP – Finance	
Renew Fiduciary Liability Coverage & Communicate Waiver of Recourse Info. to Retirement Board Members	Manager - Pension & Retirement	VP – Finance	
Develop and Administer Retirement Board Policies	Manager – Pension & Retirement	VP - Finance	

# **Coordinate Actuarial Activities:**

Task	Primary Responsibility	Back Up Responsibility
Valuation Study and Establish Contribution Rates (annual)	Manager – Pension & Retirement	VP - Finance
Experience Study (every 3-5 years)	Manager – Pension & Retirement	VP - Finance

# **Asset Management:**

Task	Primary Responsibility	Back Up Responsibility	
Asset Rebalancing	Accountant II	VP - Finance	
Account Reconciliations	Accountant II	VP - Finance	
Cash Transfers	Accountant II	VP - Finance	
Fund Accounting	Accountant II	VP - Finance	
Investment Management	Accountant II	VP - Finance	
Financial Statement Preparation	Accountant II	VP - Finance	
Annual Audit	Accountant II	VP – Finance	
State Controller's Office Reporting	Accountant II	Manager – Pension & Ret. VP – Finance	
U.S. Census Bureau Reporting	Accountant II	Manager – Pension & Ret., VP - Finance	
Work with Investment advisors (Callan), Custodian (Northern Trust), Fund Managers, Auditors, and Actuary (Cheiron)	Accountant II	Manager – Pension & Ret., VP - Finance	
Review Monthly Asset Rebalancing	Accountant II	VP – Finance	
Review/Update of Statement of Investment Objectives and Policy Guidelines management (at least annually)	Accountant II	VP – Finance	

# Pension Administration Costs For the Time Period: October 1, 2024 to December 31, 2024

Sum of Value TranCurr WBS Element	Source object name	Per	Total
SAXXXX.PENATU	Accounting &Treasury / Cruz Mendoza, Jessic	004	1,387.92
		005	669.35
		006	799.73
	Accounting &Treasury / Gobel, John	004	2,013.15
		005	1,857.29
		006	2,026.13
	Accounting &Treasury / Mathew, Jessica	004	4,660.91
		005	3,597.90
		006	3,851.38
	Accounting &Treasury / Dugger, Margaret	004	65.14
		005	351.78
		006	322.44
SAXXXX.PENATU Total			21,603.12
SAXXXX.PENIBEW	Accounting &Treasury / Cruz Mendoza, Jessic	004	394.08
		005	391.17
		006	37.67
	Accounting &Treasury / Gobel, John	004	454.58
		005	428.60
		006	506.54
	Accounting &Treasury / Mathew, Jessica	004	2,575.80
		005	1,414.64
		006	883.13
	Accounting &Treasury / Dugger, Margaret	004	16.29
SAXXXX.PENIBEW Total		201	7,102.50
SAXXXX.PENSALA	Accounting &Treasury / Cruz Mendoza, Jessic	004	527.38
		005	431.75
		006	254.99
	Accounting &Treasury / Gobel, John	004	376.65
		005	1,571.55
	Accounting S.Traccount / Mathewallesia	006	1,935.20
	Accounting &Treasury / Mathew, Jessica	004	2,158.74
		005	2,281.40
	Accounting STreeton / Durana Marray	006	2,665.72
CAVVVV DENCALA Total	Accounting &Treasury / Dugger, Margaret	006	26.06
SAXXXX.PENSALA Total SAXXXX.PENSION	Board Support / Smith, Tabetha	006	<b>12,229.44</b> 91.46
JAAAAA.FLINJION	Accounting &Treasury / Cruz Mendoza, Jessic	004	695.43
	Accounting & Treasury / Cruz Wendoza, Jessic	005	811.30
		005	1,663.17
	Accounting &Treasury / Gobel, John	004	10,000.75
	Accounting a reasony / dose, som	005	5,545.88
		006	7,000.53
	Accounting &Treasury / Limon, Brenda	004	297.76
	recounting arreasary runnon, stemaa	005	273.93
		006	193.55
	Accounting &Treasury / Mathew, Jessica	004	1,316.52
		005	1,079.38
		006	1,406.47
	Accounting &Treasury / Mouton, Wendy	004	1,993.32
	J ,,,	005	276.85
		006	553.70
	Accounting &Treasury / Volk, Lynda	004	4,243.63
	- · · · · · · · ·	005	2,440.10
		006	2,493.13
	Accounting &Treasury / Dugger, Margaret	004	2,937.83
	2 ,, 33-, - 0	005	1,680.63
		006	1,876.05
	Accounting &Treasury / Selenis, Paul	004	410.94
	J ,,,	005	410.94
		006	410.94
			110.51
SAXXXX.PENSION Total		000	50,104.19



# 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 (SacRT) Retirement Boards during the Quarter ended December 31, 2024.

- Weekly client conference calls and as-needed client and internal conferences on pending matters, upcoming Board meetings and follow-up from prior Board meetings.
- 2. Prepare for and participate in quarterly and special Board Meetings and trainings, including review and markup of agenda materials.
- 3. Provide counsel on issues including, but not limited to:
  - a. Bridging service for a rehired member;
  - b. Analysis regarding spousal consent revocation;
  - c. Cheiron cost proposal for actuarial services contract extension;
  - d. Operations audit;
  - e. Amendment to custodian services agreement; and
  - f. AB 1234 ethics training.

Respectfully Submitted,

/s/ Shayna M. van Hoften



# RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

**TO:** Sacramento Regional Transit Retirement Boards - All

**FROM:** Jason Johnson, VP, Finance/CFO

**SUBJ:** INVESTMENT PERFORMANCE REVIEW OF THE REAL ESTATE

ASSET CLASS BY CLARION PARTNERS FOR THE ATU, IBEW, AND SALARIED EMPLOYEE RETIREMENT FUNDS FOR THE QUARTER ENDED DECEMBER 31, 2024 (ALL). (JOHNSON)

# **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 periodically 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.

Clarion Partners is one of the two private real estate managers for the plans and was funded the first quarter of 2021. The Fund's general investment strategy is to manage a diversified portfolio of primarily institutional quality commercial real estate assets and related investments in the United States. The investment philosophy seeks to take advantage of changing conditions within the U.S. property and capital markets by periodically shifting allocations among property types (including industrial, retail,

Retirement Board Agenda Item 14 March 19, 2025 Page 2

multi-family, and office) and locations, while remaining focused on the management of a core equity real estate portfolio. Performance for the fund is shown below.

#### Clarion Lion Properties Fund Performance as of December 31, 2024

1 01101111	a a. a. a. a.		,		
	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
Clarion Lion Properties Fund (before fees)	1.91%	(2.26)%	(3.27)%	2.69%	6.33%
Clarion Lion Properties Fund (after fees)	1.72%	(3.00)%	(4.00)%	1.91%	5.49%
NCREIF NFI-ODCE Value Weight (gross)	1.16%	(1.43)%	(2.32)%	2.87%	5.89%

Source: Clarion Partners

Clarion Partners will be reviewing the fund, shown in Attachment 1, and answering any questions.





# Clarion Lion Properties Fund

Sacramento Regional Transit District | 19 March 2025

# Presenter Biographies



Janet (Souk) Lee

Managing Director, Assistant Portfolio Manager

Janet (Souk) Lee is an equity owner and Managing Director with Clarion Partners. She serves as Assistant Portfolio Manager for the Clarion Lion Properties Fund. Janet shares responsibility for all facets of Fund management including acquisitions and dispositions, asset management and investor communications. She joined Clarion Partners originally in 2005 when she began working in the real estate industry, and then rejoined in 2019. Since 2019 she has been a portfolio manager for various Clarion funds and accounts.



**Reza Basharzad** 

Managing Director, Senior Account Executive

Reza Basharzad, equity owner and Managing Director, is a Senior Account Executive within the Client Capital Management group. Reza manages relationships with U.S. institutional investors, primarily on the west coast, and works with them in allocating capital across a broad range of real estate strategies. His experience includes institutional client and investor relations, underwriting, product development and risk assessment. Reza joined Clarion Partners in 2021 and began working in the real estate industry in 2003.



# Table of Contents

Section		Page
Section I	Firm Overview	4
Section II	Lion Properties Fund	9
Appendix		
Appendix A	Biographies	22
Appendix B	Important Legal Information	32



# Firm Overview

Section I



## Firm Highlights

## One of the largest pure-play real estate investment managers

## **42-Year History**

#### Partnership structure:

18% Firm equity ownership spread broadly across ~120 senior employees

#### Co-investment:

Over \$90 million invested by employees in our products<sup>3</sup>

Diversification: Broad client base with over 500 investors globally

## International **Operating Platform**

Focus: Specialized acquisitions and asset management teams with presence and expertise in local markets across the U.S. and Europe.

Scale: Over \$23 billion of deals reviewed annually to generate equity and debt investment opportunities across all property sectors

### Stability and Growth

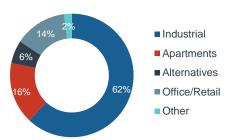
Stability: Specialist investment manager subsidiary of Franklin **Templeton** 

#### Consistency:

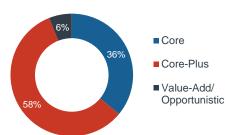
Successful management through market cycles

Discipline: In-house research group informs investment strategy and execution

#### PROPERTY TYPES<sup>1</sup>



#### **RISK PROFILE<sup>2</sup>**



Personnel data as of January 1, 2025. All other data as of September 30, 2024. Please see the important disclosures at the end of this presentation.

¹Based on Gross Real Estate Value (GRE) at share.

²Based on Gross Asset Value (GAV) at share.

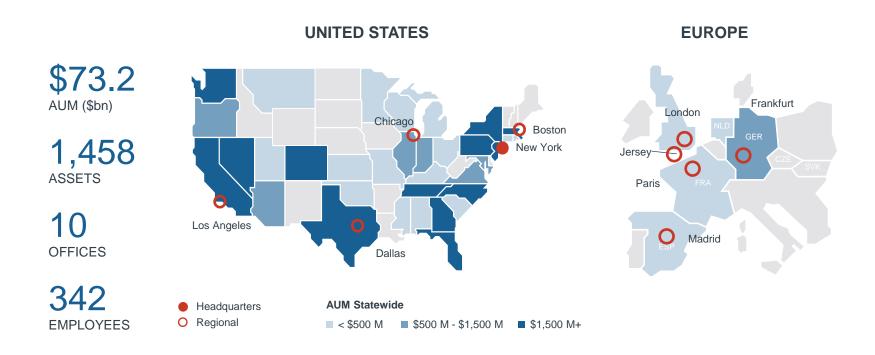
³Represents investments of current employees.

GAV, Gross Real Estate Value (GRE) and AUM are defined at the end of this presentation.

The "Firm" or "Clarion" refers to Clarion Partners, LLC



# Global Investment Management Platform with Local Execution



INVESTMENT RESEARCH	ACQUISITIONS	ASSET MANAGEMENT
12 TEAM MEMBERS	51 TEAM MEMBERS	68 TEAM MEMBERS

Personnel data and offices as of January 1, 2025. All other data as of September 30, 2024. Geographic information represents GRE; compared to Firm-level GAV. Please see the important disclosures at the end of this presentation.



# Scale Across All Property Types

## Deep experience and relationships across sectors drive investment strategy

	Industrial	Apartments	Alternatives <sup>1</sup>	Office/Retail	Other <sup>2</sup>
Value	\$43B	\$11B	\$4B	\$10B	\$1B
Properties	989	149	74	163	83
Markets	61	38	35	37	47
	1910				SPATIAN

<sup>&</sup>lt;sup>1</sup>Alternatives includes age restricted multifamily, manufactured housing, student housing, single family rental, life sciences, medical office, self storage and industrial land, parking and truck terminals. <sup>2</sup>Other includes hospitality, land and subsectors not included in any of the other categories listed above.
As of September 30, 2024. Dollar values are GRE. Past performance is no guarantee of future results. Please see the important disclosures at the end of this presentation.



# Clarion Partners Management: Proven Industry Leaders

## Senior management averages 31 years of experience and 15 years tenure with the Firm

	EXEC	UTIVE BOARD	FINANCIAL
ACQUISITIONS	Kimberly Adams (-/30) Head of Alternatives	<b>Jon Gelb (17/20)</b> Portfolio Manager	MANAGEMENT
51 members	Sue Ansel¹ (38/43) Head of Multifamily Housing	David Gilbert (17/42) Chief Executive Officer	98 members
PORTFOLIO	Jeb Belford (29/41) Chief Investment Officer	Heather Hopkins (9/29) Chief Financial Officer	CLIENT CAPITA
MANAGEMENT	Susan Boccardi (5/33) General Counsel & Chief	Indraneel Karlekar <sup>2</sup> (8/26) Global Head of Research and Strategy	MANAGEMEN <sup>T</sup>
51 members	Compliance Officer  David Confer (22/36)	Hugh Macdonnell (13/34) Head of Client Capital Management	28 members
	Head of Industrial	пеав от Спеть Сарва Мападеттеть	
ASSET MANAGEMENT			LEGAL & COMPLIANCE
68 members			10 members
	U.S. INVES	TMENT COMMITTEE	
INVESTMENT RESEARCH	Jeb Belford (29/41) Chief Investment Officer Kimberly Adams (-/30)	Christine Kang (7/24) Portfolio Manager Indraneel Karlekar <sup>2</sup> (8/26)	CORPORATE SUPPORT
12 members	Head of Alternatives  Sue Ansel¹ (38/43)	Global Head of Research & Strategy  Hugh Macdonnell (13/34)	22 members
	Head of Multifamily Housing  Dayton Conklin (17/33)	Head of Client Capital Management	
G COMMITTEE3	Portfolio Manager	Gary Rufrano (23/23) Head of Multifamily Transactions	GLOBAL RISK COMMITTEE <sup>3</sup>
	David Gilbert (17/42)	Spence Sowa (9/26)	

¹Sue Ansel's tenure represents her tenure with Gables Residential, a Clarion portfolio company since 2005. Her participation on the Investment Committee is limited to multifamily investments. ²Indraneel Karlekar's tenure is inclusive of his prior employment with ING Clarion. ³Members of Risk and ESG committees are also included in other department counts. As of January 1, 2025. Numbers in parentheses represent tenure with the Firm/years in the industry. Staff counts are inclusive of administrative personnel but exclude the office of the CEO. Corporate Support includes Information Technology and Human Resources staff members.



# Lion Properties Fund

Section II



## **Lion Properties Fund Summary**



Atrio, Burbank, CA

## LPF Highlights:

- Highly scaled, open-end core fund with 24-year track record
- 10-year outperformance vs NFI-ODCE benchmark (gross and net)<sup>1</sup>
- Thematic research-based investing; portfolio concentrated in high-conviction themes like Logistics, Housing and Healthcare; significant underweight to Office
- Differentiated ability to create value through Industrial build-to-core development
- Significant alignment with investors: Firm ownership and Fund co-investment

## **Key Metrics**

gross asset value \$18.7 Billion	NUMBER OF INVESTMENTS 199	DIVIDEND YIELD <sup>2</sup> 3.73%
NET ASSET VALUE \$12.9 Billion	PORTFOLIO OCCUPANCY 90.8%	MGMT CO-INVESTMENT <sup>3</sup> \$23.8 Million
LOAN TO VALUE RATIO 26.7%	NON-CORE	ENTRY / EXIT QUEUE⁴ None / \$3.05 Billion



<sup>110-</sup>year annualized returns. Please refer to the total gross and net return calculations shown on slide "Investment Performance: Rolling Time Periods".

<sup>2</sup>Dividend Yield is presented at an annual rate calculated by linking quarterly distribution yields which are calculated as total quarterly distributions to investors before the deduction of Fund management fees, divided by the weighted average equity of the Fund for the respective quarter.

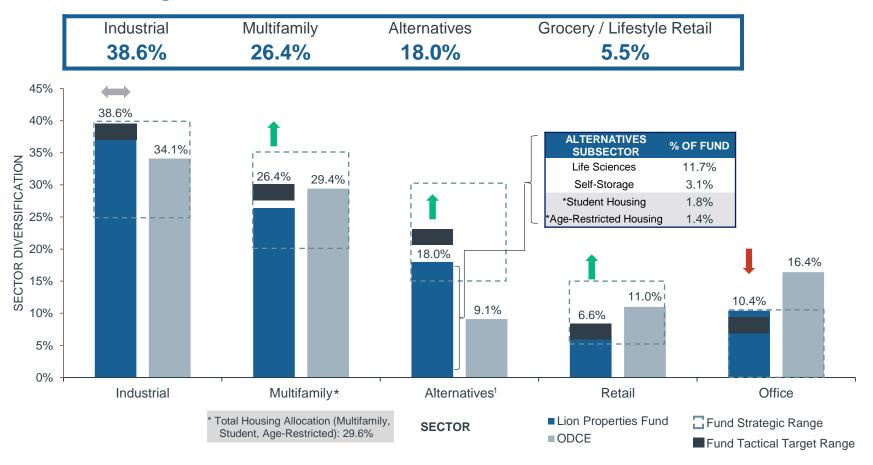
<sup>3</sup>Comprises current CP employee discretionary investments and Clarion corporate entity investments.

<sup>4</sup>Represents the 4Q24 redemption queue less rescissions received subsequent to quarter-end.

As of December 31, 2024. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.

## Property Type Diversification: Concentrated In Top Sectors

## 89% in High-Conviction Sectors

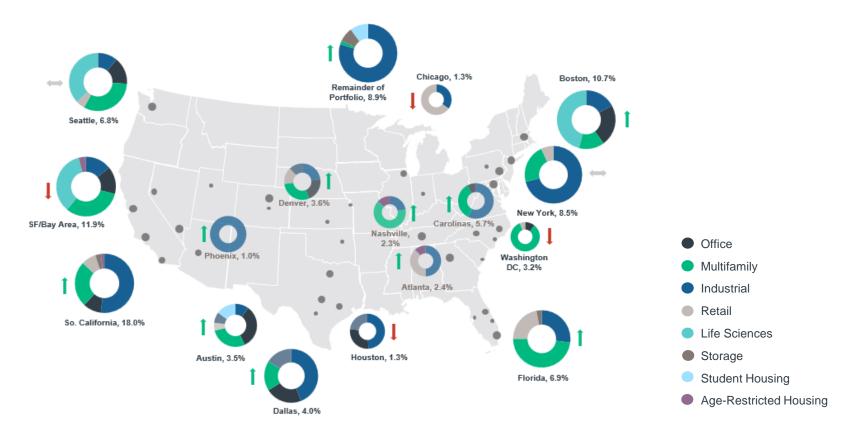


<sup>1</sup>In the NFI-ODCE benchmark, "Alternatives" represents any asset not in four major property types.
Data as of December 31, 2024. Percentages represent Gross Real Estate Value at share. Arrows indicate intended portfolio property type diversification targets. Fund Strategic Range is described in the Fund's offering memorandum and includes a more in-depth discussion of these and other risks and should be reviewed prior to any investment in the Fund. Target Tactical Range represents LPF's current views on sector allocation based on current market conditions and are subject to change. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation. NFI-ODCE Index presented as benchmark.



## Geographic Diversification: Focus on Growth Markets

- Two key geographic themes:
  - Affordability Markets: Typically Sun Belt markets benefiting from population growth (LPF is overweight in Sun Belt<sup>1</sup>)
  - Innovation Markets: Innovation clusters benefiting from top growth industries (AI, Media, Healthcare)



<sup>1</sup>For both LPF and the Expanded NPI-ODCE, the Sun Belt allocation includes any investments held in the South region, the Mountain region, and the Carolinas. As of December 31, 2024. Percentages represent Gross Real Estate Value at share. Arrows indicate intended portfolio geographic diversification targets.



## Industrial Composition and Strategy: Overweight Top Sector

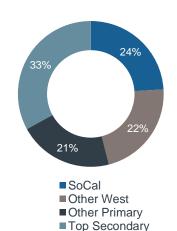
KEY METRICS		
# of Investments:	65	
LPF / ODCE Allocation:	38.6% / 34.1%	
Square Feet:	39.4 Million	
Occupancy:	93.0%	



### Strategy and Execution

- · Maintain overweight, given outperforming rent growth outlook
  - E-commerce growth and supply chain diversification remain long-term tailwinds
- Market rents estimated to be ~30% above in-place rents<sup>1</sup>
- Build-to-core capabilities are a differentiating factor; the Fund has developed onethird of its industrial portfolio
  - Current industrial development pipeline expected to add accretive returns in top markets like Orlando, Eastern PA/NJ, and Phoenix

#### **GEOGRAPHIC ALLOCATION**



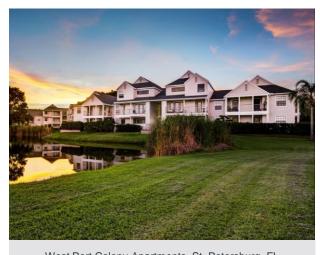


<sup>1</sup>Based on current in-place rents and market rent estimates provided by Altus, the Fund's third-party appraisal manager. Calculation represents the amount, expressed as a percentage, by which market rent estimate exceeds current in-place rents. Rent increases are not guaranteed. As of December 31, 2024. Chart percentages represent Gross Real Estate Value. Forecasts have certain inherent limitations and are based on complex calculations and formulas that contain substantial subjectivity and should not be relied upon as being indicative of future results. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.



## Multifamily Composition and Strategy: Dynamic Mix of Class A and B

KEY METRICS		
# of Investments:	50	
LPF / ODCE Allocation:	26.4% / 29.4%	
Units:	15,252	
Occupancy:	93.1%	

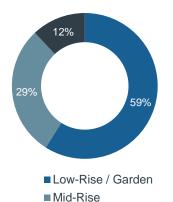


West Port Colony Apartments, St. Petersburg, FL

### Strategy and Execution

- · Long-term overweight: U.S. is under-housed; renting is less costly than buying
- LPF has a diversified portfolio with a key overweight: ~60% in low-rise/suburban garden (best-performing apartment subtype) vs ~40% for the ODCE
- Focus on seasoned assets owned below replacement cost, with relatively affordable rent levels vs new supply
- New construction levels are below the national average in 55% of our apartment submarkets; in another 20% of our submarkets, new supply does not fall within our primary trade area and new construction rents are well above in-place rents<sup>1</sup>
- ~50% of portfolio under renovation at a 15%-20% return on cost

#### **MULTIFAMILY TYPE**



■ High-Rise

~60%

~50%

Suburban Low-Rise / Garden Style Under Renovation at 10%-20% ROC

<sup>1</sup>As determined by Clarion's Research and Asset Management teams.
As of December 31, 2024. Chart percentages represent Gross Real Estate Value. Forecasts have certain inherent limitations and are based on complex calculations and formulas that contain substantial subjectivity and should not be relied upon as being indicative of future results. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.



## Life Sciences Composition and Strategy: Prime Assets, Top Tenancy

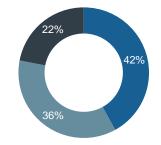
KEY METRICS		
# of Investments:	8	
LPF / ODCE Allocation1:	11.7% / 5.3%	
Square Feet:	3.1 Million	
Occupancy:	94.3%	



#### Strategy and Execution

- Bright long-term outlook based on demographics (aging population) and medical innovation
- Long-term outperforming sector: LPF's life sciences return is approximately 200 bps higher than the overall ODCE return over the trailing 5 years<sup>2</sup>
- Over short-term, sector is dealing with excess supply, which is concentrated in peripheral locations and by inexperienced groups with limited track record
- LPF's portfolio is defensive: 94% occupied with 8.7 years of WALT; fortress locations like Kendall Square (Cambridge, MA); Big Pharma tenancy like Merck and Bristol Myers; and long-term partnership with Alexandria, the largest life sciences owner in U.S.

#### LIFE SCIENCES SUBMARKETS





- East Cambridge (Kendall Square)
- South San Francisco
- Seattle (Lake Union)

¹In LPF's portfolio, it includes only life sciences assets. In the NFI-ODCE benchmark, "Life Sciences" represents "other" which is any asset not in four major property types (or self-storage). ²LPF's life sciences portfolio achieved a 4.8% return over the five-year period (4.2% net). See full fund performance on "Investment Performance: Rolling Time Periods". ³Based on current in-place rents and market rent estimates provided by Altus, the Fund's third-party appraisal manager. Calculation represents the amount, expressed as a percentage, by which market rent estimate exceeds current in-place rents. Rent increases are not guaranteed. As of December 31, 2024. 400 Dexter is in a 70%/30% joint venture with Alexandria Real Estate Equities, Inc. ("ARE") with the above images being provided courtesy of ARE. Chart percentages represent Gross Real Estate Value. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.



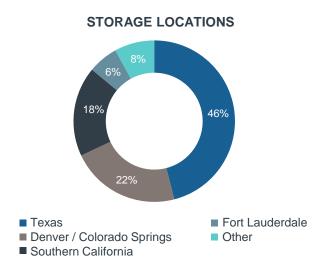
# Self-Storage Composition and Strategy: Focus on Rent Optimization

KEY METRICS		
# of Investments:	37	
LPF / ODCE Allocation:	3.1% / 3.8%	
Square Feet:	2.2 Million	
Occupancy:	89.7%	



### Strategy and Execution

- Favorable long-term outlook and strong historical track record; sector has low capex drag and is a good inflation hedge (monthly leases)
- Focus on assets with rent rolls where institutional REIT management can optimize rents
- Target Sun Belt locations with strong demand drivers and barriers to entry
- Strong sourcing channel through joint venture partners



As of December 31, 2024. Chart percentages represent Gross Real Estate Value. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.



# Retail Composition and Strategy: Resilient Subtypes

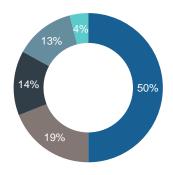
KEY METRICS		
# of Investments: 13		
LPF / ODCE Allocation:	6.6% / 11.0%	
Square Feet:	2.6 Million	
Occupancy:	87.2%	



#### Strategy and Execution

- Focus on grocery and neighbourhood shopping centers, which are resilient and benefit from strong demand and limited supply
- Sector is defensive, with certain formats showing an improved outlook due to less supply and renewed demand
- · No exposure to malls, which are highly illiquid today







- Premier Outlets
- Destination Lifestyle
- High Street
- Urban

0% Mall Exposure~50% Grocery / Necessity~35% Premier Lifestyle

As of December 31, 2024. Chart percentages represent Gross Real Estate Value. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.



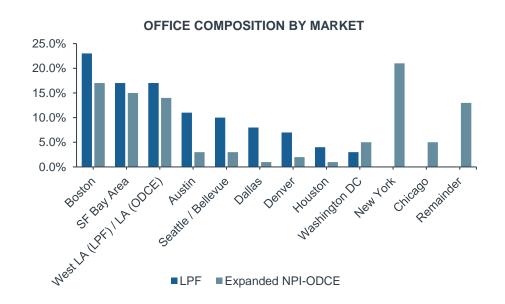
## Office Composition and Strategy: Underweight, Bearish Outlook

KEY METRICS		
# of Investments:	18	
LPF / ODCE Allocation:	10.4% / 16.4%	
Square Feet:	3.8 Million	
Occupancy:	76.3%2	



### Strategy and Execution

- Long-term underweight: sector headwinds due to work-from-home policies, but high-quality office in top locations showing resiliency and continued demand
- LPF is significantly underweight vs ODCE
- · Remaining "hold" portfolio concentrated in high-quality assets
- · No NY or Chicago office; no exposure to illiquid "mega" assets
- LPF office values down 44% from peak (inclusive of sales)1



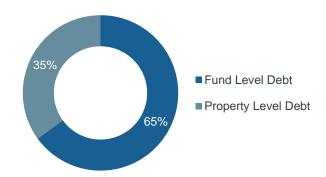
<sup>&</sup>lt;sup>1</sup>Since 2Q22. Quarterly value changes do not include development properties or current quarter acquisitions. <sup>2</sup>Weighted by square feet. When weighted by GAV, office occupancy is 81.2%.

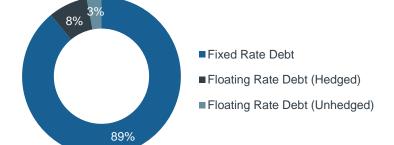
As of December 31, 2024. Chart percentages represent Gross Real Estate Value. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.

## Financial Management: High-Quality Balance Sheet

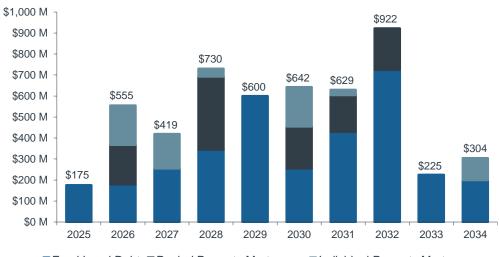
#### 4Q24 Activity:

- Repaid \$75 million of Fund level bilateral term loan
- Placed \$196.8 million of fixed rate financing upon acquisition of student housing portfolio





#### **ANNUAL DEBT MATURITIES**



■Fund Level Debt ■Pooled Property Mortgages ■Individual Property Mortgages

26.7%

Weighted Average Maturity

5.0 Years

Weighted Avg. Cost of Debt

4.3%

Market Rate of Debt

**6.4%** 



<sup>&</sup>lt;sup>1</sup>Represents prevailing interest rates on the Fund's existing loans calculated by Fund's Debt Valuation Firm pursuant to the Fund's Debt Valuation Policy. As of December 31, 2024. Past performance is not indicative of future results. Please see the important disclosures at the end of this presentation.

## Representative Properties<sup>1</sup>



Everleigh Cool Springs, Franklin, TN



Extra Space Venice Blvd., Los Angeles, CA



The Henderson, Dallas, TX



One Marina Park Drive, Boston, MA



Del Ola, Boca Raton, FL



Redlands Business Center, Redlands, CA



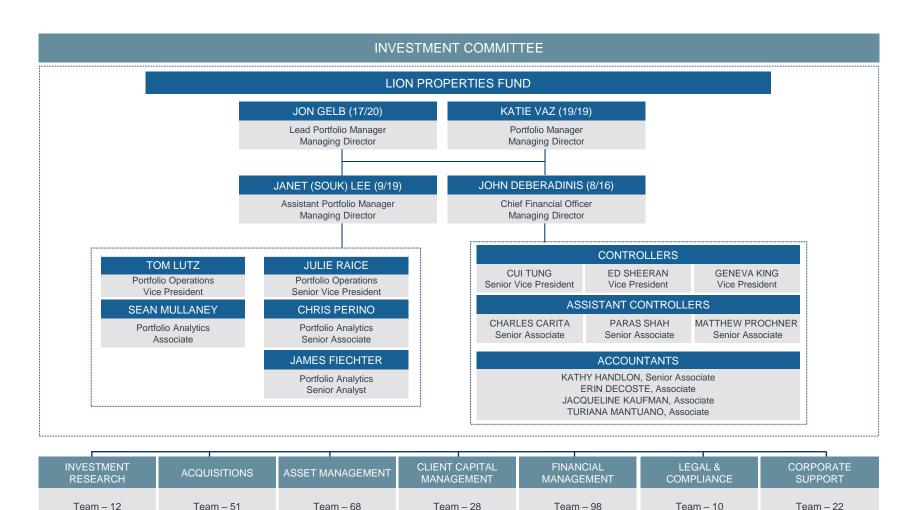
Eastlake Life Sciences Campus, Seattle, WA

<sup>&</sup>lt;sup>1</sup>The above represents a select list of properties that the Fund is currently invested in as of December 31, 2024, that were selected based on visual appearance and are not necessarily reflective of all the investments in the Fund or the investments the Fund will make in the future. There can be no assurance that the Fund will be able to acquire similar properties in the future or that future acquisitions will be profitable or on similar terms. See Appendix A for a list of the Fund's major investments as of December 31, 2024. Please also see the important disclosures at the end of this presentation.

Appendix A



# Fund Management and Resources



As of January 1, 2025. Numbers in parentheses represent tenure with the Firm/years in the industry. Staff counts are inclusive of administrative personnel.





**JON GELB** 

Managing Director, Lead Portfolio Manager

Jon Gelb, equity owner and Managing Director, is Lead Portfolio Manager for the Lion Properties Fund. He is also a member of the Firm's Executive Board. Jon has responsibility for all facets of Fund management including acquisitions and dispositions, asset management and investor communications. He joined the Fund in 2014. Prior to 2014, Jon served as Assistant Portfolio Manager on the Firm's open-end value-added fund. Prior to working in portfolio management, Jon worked in the Firm's Acquisitions Group, where he underwrote East Coast transactions. Jon joined the Firm in 2007 and began working in the real estate industry in 2005.

## **Prior Experience**

Cushman & Wakefield, New York, NY Transaction Consultant (2005-2007)

#### **Education**

Harvard Business School, M.B.A. (2005) Wesleyan University, B.A. (1997)





#### KATIE VAZ

Managing Director, Portfolio Manager

Katie Vaz, equity owner and Managing Director, is a Portfolio Manager for the Lion Properties Fund. Katie shares responsibility for all facets of Fund management including acquisitions and dispositions, asset management and investor communications. Previously, she served as a portfolio manager for three of Clarion's separate account portfolios and also spent several years as a portfolio management associate for Clarion's multifamily fund. Prior to focusing on portfolio management, she was an asset manager of office product in the New York tri-state and Florida markets. Katie is a member of Clarion's ESG Committee and is the founder and co-chair of Clarion Partners' Women's Leadership Network. Katie joined Clarion in 2005 and has 19 years of experience in the real estate industry.

#### **Prior Experience**

Pharmacia Corporation, Peapack, NJ Manager of Sales Analytics (2001-2003) ZS Associates, Princeton, NJ Analyst (2000-2001)

#### **Education**

New York University, Stern School of Business, M.B.A (2005) Princeton University, B.A. (2000)





## **JANET (SOUK) LEE**

Managing Director, Assistant Portfolio Manager

Janet (Souk) Lee is an equity owner and Managing Director with Clarion Partners. She serves as Assistant Portfolio Manager for the Clarion Lion Properties Fund. Janet shares responsibility for all facets of Fund management including acquisitions and dispositions, asset management and investor communications. She joined Clarion Partners originally in 2005 when she began working in the real estate industry, and then rejoined in 2019. Since 2019 she has been a portfolio manager for various Clarion funds and accounts.

## **Prior Experience**

GreenOak/Mosser, San Francisco, CA Project Management Consultant (2017-2019) Synapse Development Group, San Francisco, CA Director (2014-2017)

Hines, San Francisco, CA Assistant Project Manager (2012-2014)

Goldman Sachs, New York, NY Associate (2011-2012)

Clarion Partners, New York, NY Analyst through Associate (2005-2009)

#### Education

The Wharton School, The University of Pennsylvania, M.B.A. (2011) Cornell University, B.S. (2004)





## **JOHN DEBERADINIS, CPA**

Managing Director, Lion Properties Fund Chief Financial Officer

John DeBeradinis is a Managing Director and the Chief Financial Officer for the Lion Properties Fund. He oversees financial reporting, cash management, investor relations and the legal, tax and capital structure aspects of the Fund. John joined Clarion in 2016 and began working in the real estate industry in 2009. He held management positions at firms that specialized in both retail and residential real estate before joining Clarion. John is a Certified Public Accountant with the State of New York.

## **Prior Experience**

Pretium Partners, New York, NY Vice President, Controller (2013-2016)

Brixmor Property Group, New York, NY Financial Accounting Manager (2009-2013)

Health Systems Solutions, New York, NY Senior Financial Analyst (2008-2009)

KPMG, Stamford, CT Senior Associate (2006-2008)

#### Education

Loyola University Maryland, BBA in Accounting (2006)





**JULIE RAICE, CPA** 

Senior Vice President, Portfolio Management

Julie Raice is a Senior Vice President on the Lion Properties Fund Portfolio Management Team at Clarion Partners. Julie is responsible for the quarterly property valuation process and is also an asset manager for several of the Lion Properties Fund's assets. She joined Clarion Partners in 2018 and began working in the real estate industry in 2011. Julie is a Certified Public Accountant with the State of New York.

Prior Experience

Ernst & Young, New York, NY Assurance Manager (2011-2018)

### **Education**

New York University, M.S. in Strategic Real Estate Management (2021) Lehigh University, B.S. in Accounting (2011)





**THOMAS LUTZ** 

Vice President, Portfolio Management

Thomas Lutz is a Vice President on the Lion Properties Fund Portfolio Management Team at Clarion Partners. Thomas is responsible for portfolio operations including acquisitions, dispositions, asset management, and Fund performance attribution analysis. Prior to joining the Fund team in 2022, Thomas worked in asset management, focusing on Clarion Partners' New York Tri-State office portfolio. Thomas joined the Firm in 2016.

#### Education

New York University, Stern School of Business, M.B.A. (2024) Lafayette College, B.A. (2016)





**CUI TUNG, CPA** 

Senior Vice President, Lion Properties Fund Controller

Cui Tung is a Senior Vice President and a Controller for the Lion Properties Fund at Clarion Partners. Cui shares responsibility for accounting and financial reporting of the Fund. She joined Clarion Partners in 2006 and began working in the real estate industry in 2003. Cui is a Certified Public Accountant with the State of New York.

Prior Experience
Deloitte & Touche, New York, NY
Audit Senior (2003-2006)

#### Education

Rutgers University, BS in Accounting (2003)





### **GENEVA KING**

Vice President, Lion Properties Fund Controller

Geneva King is a Vice President and a Controller for the Lion Properties Fund at Clarion Partners. Geneva shares responsibility for accounting and financial reporting of the Fund. She joined Clarion Partners and began working in the real estate industry in 2006.

## **Prior Experience**

PricewaterhouseCoopers, New York, NY Senior Associate (2001-2006)

#### Education

Baruch College, BBA in Accounting (2001)





**ED SHEERAN, CPA** 

Vice President, Lion Properties Fund Controller

Ed Sheeran is a Vice President and a Controller for the Lion Properties Fund at Clarion Partners. Ed shares responsibility for accounting and financial reporting of the Fund. He joined Clarion Partners in 2022 and began working in the real estate industry in 2009. Ed is a Certified Public Accountant with the State of New York.

**Prior Experience** 

PricewaterhouseCoopers, New York, NY Director (2009-2022)

#### Education

Manhattan College, BS in Accounting (2009)



# Important Legal Information

Appendix B



## Important Information

This is not an offer to sell, or a solicitation of an offer to buy, securities. Investment in real estate and real estate derivatives entails significant risk and is suitable only for certain qualified investors as part of an overall diversified investment strategy and only for investors able to withstand a total loss of investment. This material is for distribution only to prospective investors who are highly sophisticated and are, as applicable, "accredited investors" and "qualified purchasers," as those terms are defined in the Securities Act of 1933 and the Investment Company Act of 1940, respectively. This presentation is strictly confidential and is not intended for distribution without the written permission of Clarion Partners" or the "Firm"). References to indexes are hypothetical illustrations of aggregate returns and do not reflect the performance of any actual investment. Investors cannot invest in an index.

Past performance is not indicative of future results and a risk of loss exists. Any investor's actual returns may vary significantly from any returns set forth in this presentation. Forecasts and projections rely on a number of economic and financial variables and are inherently speculative. Such forecasts and projections are based on complex calculations and formulas that contain substantial subjectivity. There can be no assurance that market conditions will perform according to any forecast or that any fund or account will achieve its objectives. Investors are cautioned not to place undue reliance on any forward-looking statements. The Firm does not assume any obligation to update any forward-looking statements as a result of new information. Such statements are believed to be accurate as of the date provided but are not guaranteed and are subject to change without notice. This material does not constitute investment advice and should not be viewed as a current or past recommendation to buy or sell any securities or to adopt any investment strategy. The Firm does not provide tax or legal advice. Tax-related statements are based on the Firm's-understanding of the tax laws. Investors must seek the advice of their independent legal and tax counsel before investing. Certain information contained in this material may have been obtained or derived from independent sources believed to be reliable. The Firm cannot guarantee the accuracy or completeness of such information and has not reviewed the assumptions on which such information is based. Photos used in this presentation were selected based on visual appearance, are used for illustrative purposes only and are not necessarily reflective of any current or future investments.

Private Fund Disclosure. The information provided herein with respect to one or more funds (each, a "Fund"), as applicable, has been provided for informational purposes only and does not constitute an offer to sell, or solicitation of offers to buy or convert, securities in any existing or to-be-formed issuer. Investment in a Fund can be made only pursuant to the subscription agreement, offering memorandum and related documents and after careful consideration of the risk factors set forth therein. The information provided with respect to any Fund is qualified in its entirety by reference to, and will be superseded by, such documents.

An investment in a Fund is speculative and involves a high degree of risk, potentially including risks related to the use of leverage. The performance of a Fund and its assets may be volatile. An investor may lose all or a significant amount of its investment in a Fund. Investment in a Fund is suitable only for sophisticated investors and requires the financial ability and willingness to accept the high risk and lack of liquidity inherent in the investment.

There can be no assurance that unrealized investments will be realized at the current valuations. There can be no guarantee that any Fund will be successful in implementing its investment strategy or that target returns will be realized. Gross returns are calculated prior to deduction of all fund-level fees, including asset management fees and incentive distributions, and investor-level taxes, all of which will reduce returns to investors.

Effect of Fees on Gross Performance. If management and other fees were included, performance would be lower. Advisory fees are disclosed in each fund's private placement memorandum, in each investment advisory agreement for separate accounts, and are summarized in Part 2A of Clarion Partners' Form ADV. Registration as an investment adviser does not imply a certain level of skill or training.

Aggregated Property-Level Data. Aggregated (or "blended") property-level return targets, capitalization rates and internal rates of return (IRR), as applicable, are based, in part, on the value of the properties held in the portfolio. Values are assigned to each property using a consistent methodology that is applied in accordance with the written valuation policies. Aggregated asset-level return targets, capitalization rates and IRRs may incorporate property values assigned to properties on different dates within the prior year. Such property values are estimates only. This data is provided for illustrative purposes only and should not be viewed as a guarantee of current property value, capitalization rate or internal rate of return, as applicable. Neither individual nor aggregated capitalization rates represent a return or distribution from the portfolio itself.



## Important Information (cont.)

The following is a high level summary of only certain risks of an investment in a Fund. It is not an exhaustive list and is qualified in its entirety by the risk factors section in a Fund's private placement memorandum. Investors should review the entire set of risk factors as described in a Fund's private placement memorandum before investing for a discussion of these and other risks inherent in an investment in a Fund.

The purchase of shares offered entail certain risks that investors should consider before making a decision to invest in a Fund. There can be no assurance that a Fund will be profitable or, if it is profitable, that any particular yield or rate of return will be obtained or other investment objective will be realized. An investor should only invest in a Fund as part of an overall investment strategy and only if the investor is able to withstand total loss of investment.

#### **Investment Considerations and Risk Factors**

Risk Factors that should be considered in making an investment are: Risks of leverage, including possible inability to repay current indebtedness or to source new debt; possible inability to refinance; variable interest rate; impact of borrowing covenants; general economic conditions; past performance of a Fund and the Firm; insufficient cash flow; partial or total loss of a Fund's capital; liability for return of distributions; availability of suitable investments; investment and disposition activities; projections; controlling person liability; limited rights; dependence of the general partner; difficulties in retaining employees; diverse investor group; litigation; diversification of risk; subsequent closings; attracting investors; failure to fund equity commitments; separate agreements with limited partners; leverage and interest rate exposure; availability of leverage; currency and exchange rates, references to indices; short-term investments; privacy and information security.

#### Risks Related to Real Estate Investing

Investment in real estate generally; illiquidity of a Fund's investments; competition for residents from other housing alternatives; failure to succeed in new markets; inability to pass through increases in operating expenses and other real estate costs; inability to complete development and renovation of advantageous terms; failure of newly acquired apartment communities to achieve anticipated results; inability to lease vacant space, renew leases or re-let space as leases expire; third-party fee management business; partial ownership interests; government support for multifamily housing; environmental matters; possible inability to sell properties; Americans with Disabilities Act; possible inability to complete renovation and development on advantageous terms; possibility of future terrorist activity; insurance may not cover all losses; financial condition of tenants; uninsured losses from seismic activity; partial ownership interests; and investments in securities.

#### Risks Related to Environmental, Social and Governance ("ESG") Matters

Clarion Partners can choose, in its discretion, whether to take into account ESG considerations in its investment decision-making, as and to the extent consistent with its fiduciary obligations, applicable law, and the relevant governing documents and investment management agreements of its clients (as applicable). In certain circumstances, due to ESG considerations, the Firm may not make or not recommend the making of investments when it would otherwise have done so, which could adversely affect the performance of a client's portfolio. On the other hand, the Firm may determine not to take such considerations into account. The extent to which the Firm takes ESG considerations into account varies from client portfolio to client portfolio, based on, among other things, the portfolio's investment objective, investment strategies, and investment restrictions, as outlined in the relevant governing documents and investment management agreements of its clients (as applicable) as well as applicable law.

The Firm is dependent upon ESG information and data obtained through voluntary or third-party reporting that may be incomplete, inaccurate, or unavailable, which could cause the Firm to incorrectly assess a potential investment's ESG attributes and/or related risks and opportunities. While ESG is only one of the many factors the Firm might consider in making an investment, there is no guarantee that the Firm will consider such factors at all or that the Firm will successfully implement and make investments that create positive ESG impact while enhancing value and achieving financial returns. ESG initiatives may not achieve the desired financial and social results, or the market or society may not view any such changes as desirable. Any successful engagement efforts on the part of the Firm will depend, in part, on its skill in properly identifying and analyzing material ESG data and factors, and their potential impact on value. There can be no assurance that any ESG techniques employed will be successful.

Additional information about other risks associated with Clarion Partners' investment process and investment strategies is available on its current Form ADV Part 2A Brochure, which is available upon request.



## Important Information (cont.)

Target Return Disclosure. Target returns may be included herein and, if so, are based on historical performance of the real estate market, current market conditions, the amount of risk to be assumed by the account or fund, as applicable, and using available data, and certain subjective assumptions relating to the respective investment strategy. There can be no assurance that estimated profit or target returns will be achieved. The target is not intended to provide an investor with a prediction of performance and investors should not rely on targets when making a decision on whether or not to invest. Fund-level target returns assume investment through a complete real estate investment cycle. Target returns are presented to establish a benchmark for future evaluation of fund performance, to provide a measure to assist in assessing the anticipated risk and reward characteristics of an investment in the strategy and to facilitate comparisons with other investments. In general, the higher a target return is for an investment, the greater the amount of risk that is associated with that investment. Any estimated profit and target returns are subject to significant limitations. Estimated profit or target returns do not reflect actual investments, liquidity constraints and actual fees and expenses. Any target data or other forecasts contained herein are based upon estimates and assumptions about circumstances and events that may not occur and cannot account for every factor that may impact that economic market and/or other factors may have on the implementation of an investment. For instance, the target may assume a certain rate of increase in the value of real estate over a particular period of time. If any of the assumptions used do not prove to be true, actual results may be lower than targeted returns. The target investment returns are subject to change at any time and are current as of the date hereof only. In any given year, there may be significant variation from these targets, and Clarion Partners makes no quarantee that an investment will be able to achieve its investment objective or any estimated profit or target returns in the short term or the long term (i.e., over a complete real estate investment cycle). Targets are subjective and should not be construed as providing any assurance as to the results that may be realized. Gross Target Returns are calculated gross of fund-level management fees, incentive allocations and expenses which, in the aggregate, will be substantial and will have the effect of reducing returns. Net Target Returns are calculated net of fund-level management fees, incentive allocations and expenses, unless otherwise disclosed.

<u>Target Internal Rates of Return.</u> "Target Gross IRRs" are returns calculated gross of fund-level management fees, incentive allocations and expenses, which in the aggregate will be substantial and will have the effect of reducing returns. "Target Net IRRs" are returns calculated net of fund-level management fees, incentive allocations and expenses, unless otherwise disclosed. Target IRRs are based solely on internal cash flow projections and estimates of current market value and do not reflect opinions of value from third party appraisals.

<u>Value Definitions, As Applicable.</u> Gross Asset Value ("GAV") is the Firm's consolidated wholly owned total assets and proportionate share of joint venture total assets. Gross Real Estate ("GRE") is the Firm's consolidated wholly owned real estate assets and proportionate share of joint venture real estate assets. In contrast to GAV, GRE excludes cash and other assets. For Periods on or after 12/31/2013, Assets under Management ("AuM") is Gross Asset Value ("GAV"). Prior to that date, AuM is Gross Real Estate Value ("GRE").

#### ESG Ratings and Green Building Certifications

GRESB Rating: GRESB B.V. (GRESB) created and tabulated a Fund or Account's score and ranking, which generally covers activities taking place during a 12-months reporting period preceding the annual submission deadline; this is typically the previous calendar year but can in some instances a different 12-month period prior to the submission deadline may be selected. Results are typically released on or around October 1st, annually. In order to obtain a rating, a Fund or Account must pay an assessment fee for submission to GRESB.

PRI Rating: PRI ratings are granted by the PRI Association ("PRIA"), a United Nations-supported organization. Clarion Partners pays fees to PRIA as part of its submission to PRIA to assess how it, as a signatory of the Principles for Responsible Investment, has progressed year-over-year and relative to peers. The investment categories are evaluated using six performance bands (A+, A, B, C, D, and E), where A+ distinguishes the top scoring signatories, representing a score of 95% or above. Submissions to PRIA are typically made in December of a given calendar year and ratings are provided.

**LEED Certifications:** LEED certifications are a green building rating program developed by the U.S. Green Building Council ("USGBC"). Certifications achieved during the design and construction of a building do not expire. Certifications achieved based on the operation expire after three years and must be renewed. Fees are paid to the USGBC to receive building-level certifications.

**ENERGY STAR Certifications**: ENERGY STAR certifications are conveyed by the U.S. Environmental Protection Agency ("EPA"). Certifications are given on an annual basis and must be certified year to year. Fees are paid to the EPA to receive building-level certifications.

Energy Star Partner of the Year: The 2023 ENERGY STAR Partner of the Year Award is issued by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy, and is valid in perpetuity. Clarion did not pay a fee to apply for this award.

**P&I Best Places to Work in Money Management:** Pensions & Investments partnered with Best Companies Group, a research firm specializing in identifying great places to work, to conduct a two-part survey process of employers and their employees. The first part consisted of evaluating each nominated company's workplace policies, practices, philosophy, systems and demographics. This part of the process was worth approximately 25% of the total evaluation. The second part consisted of an employee survey to measure the employee experience. This part of the process was worth approximately 75% of the total evaluation. The combined scores determined the top companies. For a complete list of the 2022 Pensions & Investments' Best Places to Work in Money Management winners and write-ups, go to www.pionline.com/BPTW2022.



# Important Information (cont.)

#### Index Definitions

NCREIF Property Index ("NPI"). The NPI is a primary benchmark for the commercial real estate industry calculated and maintained by the National Council of Real Estate Investment Fiduciaries (NCREIF). The NPI is a total rate of return measure of the investment performance of a large pool of individual commercial properties that have been acquired in the private market for investment purposes. The NPI includes only U.S. office, industrial, retail, residential and hospitality operating properties owned in whole or in part by non-taxable institutional investors and accounted for at market value. Unless otherwise disclosed, the NPI is presented gross of investment management fees and is unleveraged. Information regarding NPI's methodology is available at <a href="http://www.reportingstandards.info/">http://www.reportingstandards.info/</a>. Substantial differences exist between the methodology for calculating the NPI and the Firm's performance data. Performance was achieved under certain economic conditions that may not be repeated.

The NCREIF Total Return Property Index (NPI). The NPI quarterly, annual and annualized total returns consist of three components of return – income, capital and total. Total Return is computed by adding the Income Return and the Capital Value Return.

NPI Market Value Index (MVI). The NPI MVI is simply an equal-weighted average of quarterly changes in reported market value for the properties that are not undergoing a major capital expansion. MVI is designed to reflect how property values are changing over time and be an alternative to the NCREIF capital index.

NCREIF Appreciation Index. The NCREIF Appreciation Index is a quarterly, unleveraged composite appreciation return for private commercial real estate properties held for investment purposes only.

NCREIF Industrial Sub-Index. The NCREIF Industrial Sub-Index is a quarterly, unleveraged composite total return for private industrial real estate properties held for investment purposes only.

Bloomberg Barclays US Aggregate Bond Index. The Bloomberg Barclays US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency).

FTSE NAREIT All Equity REIT Index. The FTSE NAREIT All Equity REITs Index is a free-float adjusted, market capitalization-weighted index of U.S. Equity REITs. Constituents of the Index include all tax-qualified REITs with more than 50 percent of total assets in qualifying real estate assets other than mortgages secured by real property.

Investment Property Databank (IPD) Index. The IPD Index is a composite of investment returns on both a historical and current basis of its participating members, who must qualify as being open-end, core, diversified funds pursuing a core investment strategy and includes all investments owned by them including real estate, cash and other investments (mezzanine loans receivable, notes receivable, forward commitments, etc.). The IPD Index is capitalization-weighted and is reported gross of fees. Measurement is time-weighted. Unless otherwise noted, IPD Index returns are presented without leverage and before the deduction of portfolio level management fees and do not reflect the results of any actual investment portfolio. The index's history is unfrozen; therefore, any reconstitution would result in a revision to the index's historical data. For comparative purposes, IPD calculates returns for the Lion Properties Fund using the same methodology as the IPD Index. Further information is available online at <a href="http://www.ipd.com">http://www.ipd.com</a>.

S&P 500 - Standard and Poor's 500 Index. The S&P 500 Index is a capitalization-weighted index of 500 large U.S. stocks. The index is designed to capture the returns of many different sectors of the U.S. economy. The total return calculation includes the price-plus-gross cash dividend return.

NREI / Marcus & Millichap Investor sentiment survey. A joint industry sentiment survey run by National Real Estate Investor (NREI) and Marcus & Millichap, a firm specializing in commercial real estate investment sales, financing, research and advisory services, with offices across the United States and Canada. A quarterly report meant to gauge Commercial Real Estate investors confidence in the current US Real Estate market.

Real Industrial MVI. The Real Industrial MVI is simply an equal-weighted average of quarterly real changes in reported market value for the industrial properties that are not undergoing a major capital expansion by taking out inflation.

US Real GDP. The gross domestic product (GDP) is a comprehensive scorecard of the country's economic health. As an aggregate measure of total economic production for a country, GDP represents the market value of all goods and services produced by the economy during the period measured, including personal consumption, government purchases, private inventories, paid-in construction costs and the foreign trade balance (exports are added, imports are subtracted). Real GDP takes into account the impact of inflation and allows comparisons of economic output from one year to the next and other comparisons over periods of time.





# RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

**TO:** Sacramento Regional Transit Retirement Boards - All

**FROM:** Jason Johnson - VP, Finance/CFO

**SUBJ:** RECEIVE AND FILE INVESTMENT PERFORMANCE RESULTS

FOR THE ATU, IBEW AND SALARIED EMPLOYEE RETIREMENT PLANS FOR THE QUARTER ENDED

DECEMBER 31, 2024 (ALL). (JOHNSON)

### **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, 2024 (ALL). (Johnson)

### **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 2024 Market Update (Attachment 1) and the second is the Investment Measurement Service Quarterly Review as of December 31, 2024 (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, 2024. 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, 2024, there was a compliance breach reported; however, the report was investigated and it was determined that the breach report was due to restructuring of a company held by the Plans' fixed income manager (Intelsat, held by TCW) as part of a corporate action. Northern Trust's compliance monitoring settings were set to flag equity

Retirement Board Agenda Item 15 March 19, 2025 Page 2

common stock as a compliance breach. The Intelsat investments were originally purchased as Corporate Bonds so this incident is not a violation of the investment policy. The current equity common stock will continue to be monitored until TCW disposes of the security. The final attached report includes the monitoring summary (Attachment 3).

The table below provides an overview of the quarter performance, quarter ending December 31,

2024 – gross of investment management fees:

Investment Manager - Description - Benchmark	Benchmark <u>Index</u>	ATU, IBEW & Salaried Fund	Investment Gains/ (Losses)	Pension Fund Contributions/ (Withdrawals)
Boston Partners (large cap value) Russell 1000 Value	(1.98)%	(.70)%	\$(527,506)	-
S&P 500 Index (large cap value) S&P 500	2.41%	2.41%	\$1,884,612	\$(657,997)
Atlanta Capital (small cap) Russell 2000	.33%	(.87)%	\$(317,508)	ı
Pyrford (international equities) MSCI EAFE	(8.11)%	(8.64)%	\$(3,785,521)	-
MSCI EAFE Index (international equities) MSCI EAFE	(8.11)%	(8.08)%	\$(1,729,042)	-
AQR (small cap international equities) MSCI EAFE SC	(8.36)%	(6.58)%	\$(1,746,043)	-
Dimensional Fund Advisors (emerging markets) MSCI EM	8.01%	(6.77)%	\$(1,871,975)	-
TCW (fixed income) Bloomberg Agg.	(3.06)%	(3.50)%	\$(3,586,091)	-
Clarion Lion Properties (real estate) NCREIF NFI-ODCE	1.16%	1.91%	\$251,145	-
Morgan Stanley Prime Property Fund (real estate)	1.16%	.76%	\$90,306	
Total Plan	(1.87)%	(2.51)%	\$(11,337,623)	\$(657,997)

**Bold** – fund exceeding respective benchmark

The table below provides an overview of the year to date performance, as of December 31, 2024 – gross of investment management fees:

Investment Manager - Description - Benchmark	Benchmark <u>Index</u>	ATU, IBEW & Salaried Fund	Investment Gains/(Loss)	Pension Fund Contributions/ (Withdrawals)
Boston Partners (large cap value) Russell 1000 Value	14.37%	17.26 %	\$10,956,811	\$(210,405)
S&P 500 Index (large cap value) S&P 500	25.02%	24.98%	\$16,146,443	\$(1,626,398)
Atlanta Capital (small cap) Russell 2000	11.54%	9.02%	\$2,997,519	-
Pyrford (international equities) MSCI EAFE	3.82%	4.01%	\$1,369,919	-
MSCI EAFE Index (international equities) MSCI EAFE	3.82%	4.06%	\$767,481	-
AQR (small cap international equities) MSCI EAFE SC	1.82%	10.93%	\$2,180,664	-
Dimensional Fund Advisors (emerging markets) MSCI EM	7.50%	7.74%	\$1,732,390	-
TCW (fixed income) Bloomberg Agg.	1.25%	1.32%	\$1,116,050	\$215,511
Clarion Lion Properties (real estate) NCREIF NFI-ODCE	(1.43)%	(2.34)%	\$(553,715)	-
Morgan Stanley Prime Property Fund (real estate)	(1.43)%	.06%	\$(130,873)	-
Total Plan	9.99%	9.55%	\$36,582,689	\$(1,621,292)

**Bold** – fund exceeding respective benchmark

# Callan



March 19, 2025

# Sacramento Regional Transit District

4Q24 Market Update

### **Anne Heaphy**

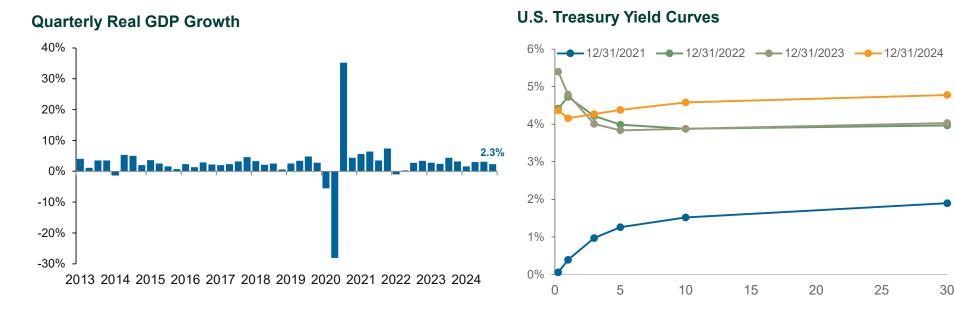
Senior Vice President Fund Sponsor Consulting

### **Uvan Tseng, CFA**

Senior Vice President Fund Sponsor Consulting

Important Disclosures regarding the use of this document are included at the end of this document. These disclosures are an integral part of this document and should be considered by the user.

# **Economic Commentary**

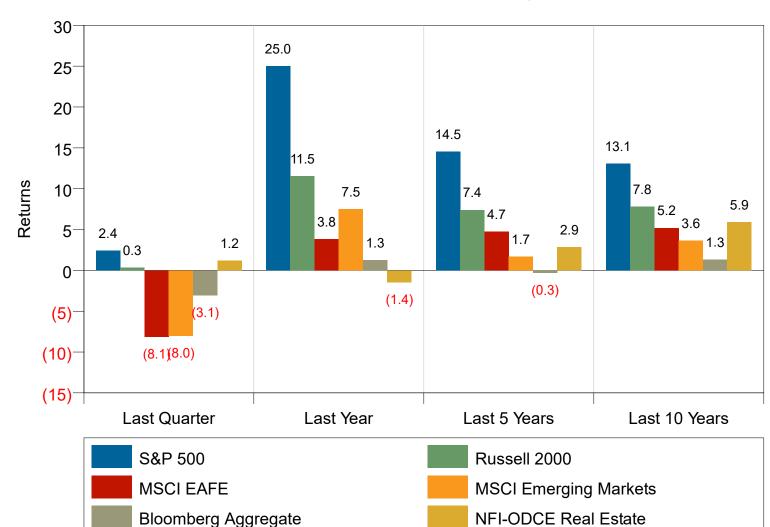


- The economy showed some signs of slowing during 2024, but GDP growth persisted, and the job market proved resilient despite some head fakes.
  - -GDP grew by 2.3% for 4Q, hitting an annual rate of 2.5%, below the 2.9% notched in 2023.
- The yield curve steepened, with rates rising for Treasuries one year and longer. The 10-year rose 77 bps from 3.81% to 4.58%.
- The Consumer Price Index (CPI) came in at 2.9% (year-over-year) through December, up from 3Q. Core CPI (excluding food and energy) rose by 3.2%, decelerating from the 3.3% rise (year-over-year) in prior months.
- Strong GDP growth suggests no easing in tight labor markets; the prospect for continued inflationary pressure from the labor market is high.
  - Getting inflation down to the Fed's stated goal of 2% will take time, and some discomfort. Squeezing out the last of excess inflation will require a period of below trend growth, a loosening of the labor market, and the pain of a rise in unemployment.



# **Asset Class Performance**

# Asset Class Performance for Periods Ended December 31, 2024



## YTD as of 03/18/2025

S&P 500:

Russell 2000:

MSCI EAFE:

MSCI Emerging Markets:

Bloomberg Aggregate:



# **Equity Markets Up Sharply in 2024**

## Stocks have recovered losses of 2022; fixed income still lags

### S&P 500 climbed 25% in 2024

U.S. large cap substantially outperformed
 U.S. small cap, developed ex-U.S.
 markets, and emerging markets.
 Technology and AI drove the S&P 500.

### Weak 4Q for core fixed income

- The Bloomberg Aggregate fell 3.1%. Long duration and non-U.S. bonds saw even greater declines.
- Interest rates remain volatile as the markets assess how the Fed will continue with easing.
- CPI-U came in at 2.9% (year-over-year) through December, up from 3Q, but with a welcome decline in the core figure, which rose 3.2%.

### Solid growth through 2024

 3Q GDP came in at a surprisingly strong 3.1%, after another surprise in 2Q, and saw 2.3% growth in 4Q. Consumer spending continues to drive GDP growth.

#### Returns for Periods ended 12/31/24

	Quarter	1 Year	3 Years	5 Years	10 Years	25 Years
U.S. Equity						
Russell 3000	2.63	23.81	8.01	13.86	12.55	7.84
S&P 500	2.41	25.02	8.94	14.53	13.10	7.70
Russell 2000	0.33	11.54	1.24	7.40	7.82	7.55
Global ex-U.S. Equity						
MSCI World ex USA	-7.43	4.70	1.91	5.10	5.26	3.78
MSCI Emerging Markets	-8.01	7.50	-1.92	1.70	3.64	
MSCI ACWI ex USA Small Cap	-7.66	3.36	-1.47	4.30	5.66	6.23
Fixed Income						
Bloomberg Aggregate	-3.06	1.25	-2.41	-0.33	1.35	3.94
90-day T-Bill	1.17	5.25	3.89	2.46	1.77	1.91
Bloomberg Long Gov/Credit	-7.42	-4.15	-9.20	-3.26	0.99	5.36
Bloomberg Global Agg ex-US	-6.84	-4.22	-6.28	-3.37	-0.90	2.45
Real Estate						
NCREIF Property Index	0.90	0.43	-0.82	3.13	5.66	7.58
FTSE Nareit Equity	-6.21	8.73	-2.20	4.27	5.73	9.84
Alternatives						
Cambridge Private Equity*	2.68	7.93	2.75	14.27	13.40	12.39
Cambridge Senior Debt*	3.35	10.18	7.08	7.89	7.31	4.59
HFRI Fund Weighted	1.49	9.83	4.41	7.00	5.26	5.57
Bloomberg Commodity	-0.45	5.38	4.05	6.77	1.28	2.15
Gold Spot Price	-0.69	27.47	13.04	11.64	8.35	9.24
Inflation: CPI-U*	0.10	2.89	4.22	4.20	3.00	2.54

<sup>\*</sup>Cambridge Private Equity and Cambridge Senior Debt data as of 9/30/24. Returns greater than one year are annualized. Sources: Bloomberg, Callan, Cambridge, FTSE Russell, HFRI, MSCI, NCREIF, S&P Dow Jones Indices



# **U.S. Equity Performance: 4Q24**

## U.S. market ends on a high note, though with some volatility

### U.S. equity market ended on a positive note

The S&P 500 Index was up over 2%. However, the quarter was marked by volatility, particularly during October and December. Negative returns in October were driven by investor anxiety around the U.S. presidential election, uncertainty with the Fed's approach to interest rate cuts, and some misses to corporate earnings expectations. December returns, while initially buoyed by the Fed's third consecutive rate cut, cooled after the Fed announced no additional rate cuts until the second half of 2025.

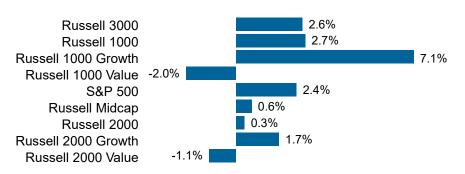
### **Sector Performance**

 Sector performance was mixed; only 4 (Communication Services, Consumer Discretionary, Financials, and Information Technology) posted gains.

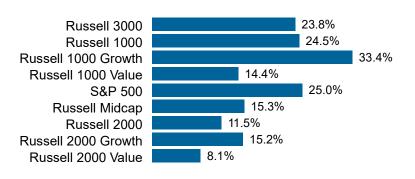
### **Market Cap and Style Performance**

- During 4Q24, large cap stocks outperformed small caps. Growth outperformed value across the market cap spectrum.
- Market concentration remains elevated; there remains a large gap between S&P 500 and S&P 500 ex-Mag 7 returns.

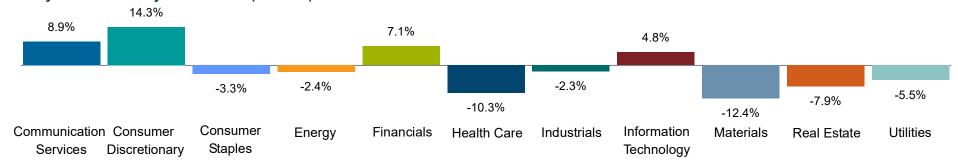
### U.S. Equity: Quarter Ended 12/31/24



### U.S. Equity: One Year Ended 12/31/24



### Industry Sector Quarterly Performance (S&P 500) as of 12/31/24



Sources: FTSE Russell, S&P Dow Jones Indices



# Global/Global ex-U.S. Equity Performance: 4Q24

## Non-U.S. markets pull back at year-end

#### **Broad market**

- Global equity markets had a rough end to the year as concerns around Trump tariffs weighed on Europe and China.
- Europe was one of the worst-performing regions, plagued by political uncertainty and continued economic woes.
- While still negative, Japan's decline over the quarter was stemmed by the approval of a new economic stimulus plan focused on issues such as wage stability and deflation.

### **Emerging markets**

 Emerging markets declined on the heels of poor results out of China and India. Although Chinese stocks initially gained from the announced stimulus, they later declined due to expected tariffs. Economic growth in India fell short of expectations.

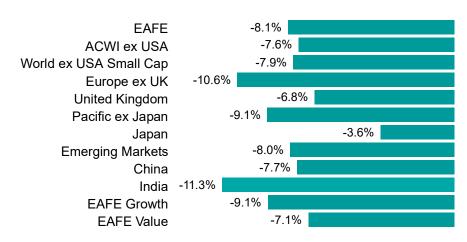
### Growth vs. value

 In developed markets outside the U.S., the influence of technology and AI is comparatively more muted, which makes the trend of growth stocks, especially those from the "Magnificent Seven," outperforming value stocks less pronounced.

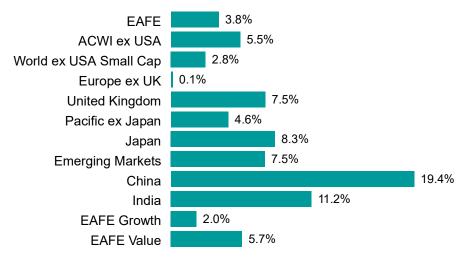
### U.S. dollar strength

 The U.S. dollar shifted direction from the last quarter as expectations for interest rate cuts faded, along with the anticipated beneficial effects of the Trump administration on the U.S. economy; in total the U.S. Dollar Index rose over 7% during the quarter.

### Global Equity Returns: Quarter Ended 12/31/24



### Global Equity Returns: One Year Ended 12/31/24







# U.S. Fixed Income Performance: 4Q24

# Uncertainty resumes, hurting 4Q fixed income performance

#### Macro environment

- The Fed continued the rate cutting cycle, most recently in December, bringing the target range to 4.25%-4.50%.
- The yield curve steepened, with rates rising for Treasuries one year and longer. The 10-year rose 77 bps from 3.81% to 4.58%.
- Inflation concerns resurfaced, with the breakeven inflation rate rising by 19 bps to 2.30% over the course of the quarter.

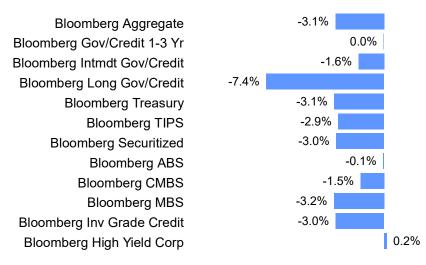
### Performance and drivers

- The Bloomberg US Aggregate Bond Index fell 3.1% due to the rise in rates.
- With the steepening yield curve, long government bonds fared the worst among sectors.
- Leveraged finance sectors (High yield: +0.2%, leveraged loans: +2.3%) were the only positive fixed income sectors as spreads tightened.

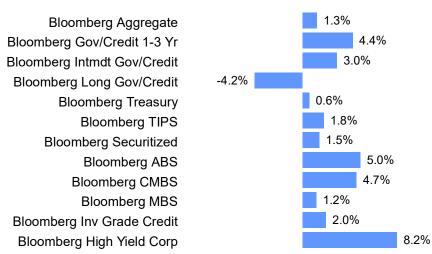
### **Valuations**

- Corporate credit spreads across both investment grade and leveraged finance tightened, with both being "priced to perfection."
- New issuance continued to be strong, with 2024 totals for both investment grade and high yield outpacing 2023.

#### U.S. Fixed Income Returns: Quarter Ended 12/31/24



### U.S. Fixed Income Returns: One Year Ended 12/31/24



Sources: Bloomberg, Callan, J.P. Morgan, S&P Dow Jones Indices, U.S. Treasury



# U.S. Private Real Estate Performance: 4Q24

## Sector appreciation turns positive, outside of office

### Valuations reflect higher interest rates

- Valuations appear to have bottomed and now reflect higher borrowing costs.
- Income returns were positive across sectors and regions.
- Property sectors were mixed; Office and Hotel experienced negative appreciation, and the remaining sectors had flat or positive appreciation.
- Return dispersion by manager within the ODCE Index was due to the composition of underlying portfolios.

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
NCREIF ODCE	1.0%	-2.3%	-3.1%	2.0%	4.9%
Income	0.8%	3.3%	2.8%	2.9%	3.2%
Appreciation	0.1%	-5.4%	-5.9%	-0.9%	1.7%
NCREIF Property Index	0.9%	0.4%	-0.8%	3.1%	5.7%
Income	1.2%	4.8%	4.3%	4.3%	4.5%
Appreciation	-0.3%	-4.2%	-5.0%	-1.1%	1.1%

Returns are geometrically linked

### NCREIF Property Index Quarterly Returns by Region and Property Type



Source: NCREIF; ODCE return is net

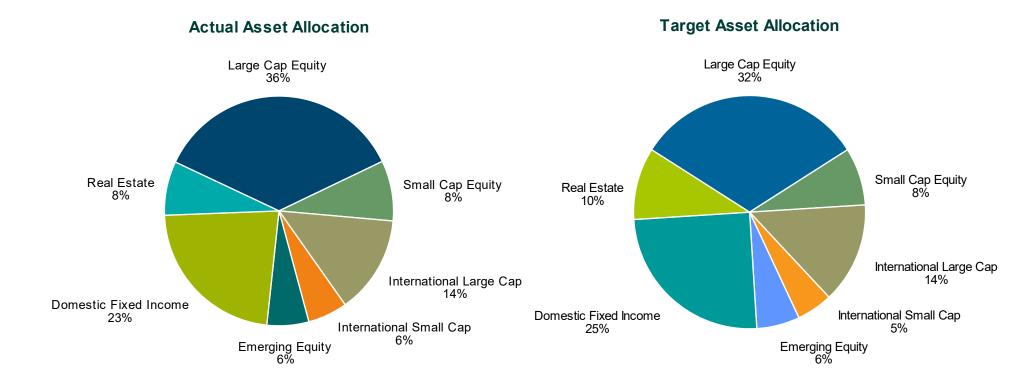


# Callan

**Total Fund Overview** 

# **RT Asset Allocation**

# As of December 31, 2024



	\$000s	Weight		Percent	\$000s
Asset Class	Actual	Actual	Target	Difference	Difference
Large Cap Equity	153,685	35.9%	32.0%	3.9%	16,859
Small Cap Equity	36,220	8.5%	8.0%	0.5%	2,013
International Large Cap	58,944	13.8%	14.0%	(0.2%)	(917)
International Small Cap	23,980	5.6%	5.0%	`0.6%´	2,601
Emerging Equity	25,387	5.9%	6.0%	(0.1%)	(268)
Domestic Fixed Income	96,887	22.7%	25.0%	(2.3%)	(10,008)
Real Estate	32,477	7.6%	10.0%	(2.4%)	(10,281)
Total	427.581	100.0%	100.0%	•	



# **Total Fund Performance Attribution**

# Relative Attribution Effects for Quarter ended December 31, 2024

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	36%	32%	0.88%	2.41%	(0.53%)	0.14%	(0.40%)
Small Cap Equity	8%	8%	(0.87%)	0.33%	(0.10%)	(0.03%)	(0.13%)
International Large C	Cap 14%	14%	(8.45%)	(8.11%)	(0.05%)	(0.03%)	(0.08%)
International Small C		5%	(6.58%)	(8.36%)	`0.11%´	(0.05%)	`0.05%´
Emerging Equity	6%	6%	(6.77%)	(8.01%)	0.07%	(0.01%)	0.06%
Domestic Fixed Inco	me 23%	25%	(3.50%)	(3.06%)	(0.10%)	0.02%	(0.08%)
Real Estate	7%	10%	1.31%	`1.16%′	0.01%	(0.09%)	_(0.08%)
Total			(2.51%) =	(1.87%) +	(0.59%) +	(0.05%)	(0.64%)

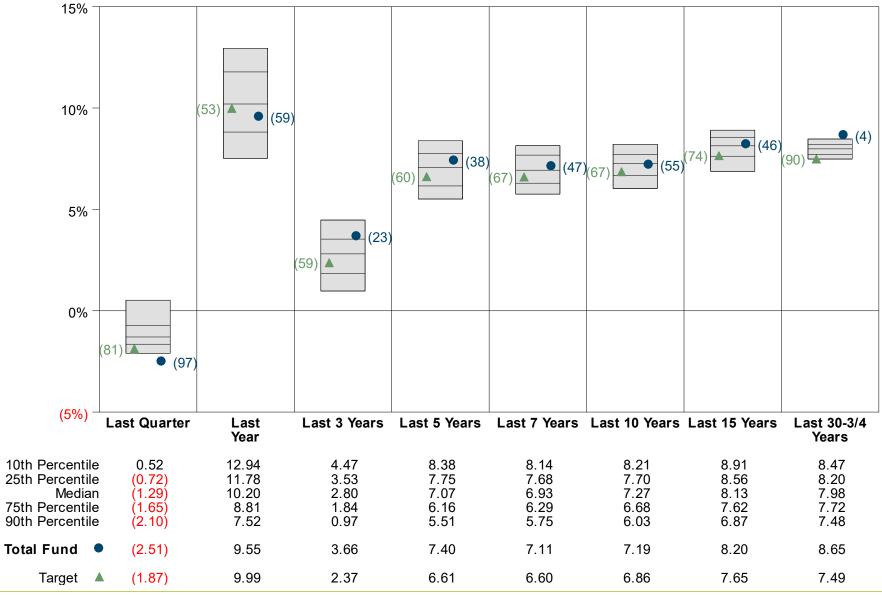
### **One Year Relative Attribution Effects**

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	35%	32%	21.15%	25.02%	(1.24%)	0.30%	(0.94%)
Small Cap Equity	8%	8%	9.02%	11.54%	(0.23%)	(0.07%)	(0.29%)
International Large C	Cap 14%	14%	4.03%	3.82%	`0.04%´	(0.03%)	`0.00%
International Small C		5%	10.93%	1.82%	0.53%	(0.07%)	0.46%
Emerging Equity	· 6%	6%	7.74%	7.50%	0.00%	(0.03%)	(0.03%)
Domestic Fixed Inco	me 23%	25%	1.32%	1.25%	0.02%	`0.12%′	`0.14%′
Real Estate	8%	10%	(1.11%)	(1.43%)	0.04%	0.20%	0.23%
Total			9.55% =	9.99% +	(0.85%) +	0.42%	(0.43%)



# Total Fund Performance as of December 31, 2024

## Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)





# **Manager Asset Allocation**

	December 3	1, 2024			September 3	0, 2024
	Market Value	Weight	Net New Inv.	Inv. Return	Market Value	Weight
Domestic Equity	\$189,904,939	44.41%	\$(657,997)	\$1,039,599	\$189,523,338	43.11%
Large Cap	\$153,685,163	35.94%	\$(657,997)	\$1,357,106	\$152,986,054	34.80%
Boston Partners	74,316,016	17.38%	0	(527,506)	74,843,522	17.03%
SSgA S&P 500	79,369,147	18.56%	(657,997)	1,884,612	78,142,532	17.78%
Small Cap	\$36,219,776	8.47%	\$0	\$(317,508)	\$36,537,284	8.31%
Atlanta Capital	36,219,776	8.47%	0	(317,508)	36,537,284	8.31%
International Large Cap	\$58,944,232	13.79%	\$0	\$(5,514,563)	\$64,458,795	14.66%
SSgA EAFE	19,669,574	4.60%	0	(1,729,042)	21,398,615	4.87%
Py rf ord	39,274,659	9.19%	0	(3,785,521)	43,060,179	9.80%
International Small Cap	\$23,979,907	5.61%	\$0	\$(1,746,043)	\$25,725,950	5.85%
AQR	23,979,907	5.61%	0	(1,746,043)	25,725,950	5.85%
Emerging Equity	\$25,387,012	5.94%	\$0	\$(1,871,975)	\$27,258,988	6.20%
DFA Emerging Markets	25,387,012	5.94%	0	(1,871,975)	27,258,988	6.20%
Fixed Income	\$96,887,227	22.66%	\$0	\$(3,586,091)	\$100,473,318	22.86%
TCW	96,887,227	22.66%	0	(3,586,091)	100,473,318	22.86%
Real Estate	\$32,477,459	7.60%	\$0	\$341,451	\$32,136,008	7.31%
Clarion Lion Fund	15,690,920	3.67%	0	251,145	15,439,775	3.51%
Morgan Stanley	16,786,539	3.93%	0	90,306	16,696,233	3.80%
Total Plan - Consolidated	\$427,580,776	100.0%	\$(657,997)	\$(11,337,623)	\$439,576,396	100.0%



# Manager Performance as of December 31, 2024

			Last	Last	Last
	Last	Last	3	5 Ya a wa	7
	Quarter	Year	Years	Years	Years
Domestic Equity	0.54%	18.65%	8.34%	12.64%	11.98%
Domestic Equity Benchmark**	2.04%	22.41%	7.49%	13.22%	12.54%
Large Cap Equity	0.88%	21.15%	8.92%	13.31%	12.18%
Boston Partners	(0.70%)	17.26%	8.74%	11.78%	10.28%
Russell 1000 Value Index	(1.98%)	14.37%	5.63%	8.68%	8.41%
SSgA S&P 500	2.41%	24.98%	8.94%	14.51%	13.83%
S&P 500 Index	2.41%	25.02%	8.94%	14.53%	13.83%
Small Cap Equity	(0.87%)	9.02%	5.91%	9.93%	11.04%
Atlanta Capital	(0.87%)	9.02%	5.91%	9.93%	11.04%
Russell 2000 Index	0.33%	11.54%	1.24%	7.40%	6.91%
International Equity	(7.65%)	6.36%	3.39%	5.15%	4.23%
International Benchmark***	(8.12%)	4.44%	(0.08%)	3.65%	3.15%
International Large Cap	(8.45%)	4.03%	3.17%	4.89%	4.69%
SSgA EAFE	(8.08%)	4.06%	1.97%	5.07%	4.45%
Pyrford	(8.64%)	4.01%	3.79%	4.72%	4.73%
MSCI EAFE Index	(8.11%)	3.82%	1.65%	4.73%	4.10%
International Small Cap	(6.58%)	10.93%	6.06%	5.79%	3.72%
AQR	(6.58%)	10.93%	6.06%	5.79%	3.72%
MSCI EAFE Small Cap Index	(8.36%)	1.82%	(3.25%)	2.30%	2.01%
Emerging Markets Equity	(6.77%)	7.74%	1.58%	4.97%	3.43%
DFA Emerging Markets	(6.77%)	7.74%	1.58%	4.97%	3.43%
MSCI Emerging Markets Index	(8.01%)	7.50%	(1.92%)	1.70%	1.38%
Domestic Fixed Income	(3.50%)	1.32%	(2.34%)	0.37%	1.67%
TCW	(3.50%)	1.32%	(2.34%)	0.37%	1.67%
Bloomberg Aggregate Index	(3.06%)	1.25%	(2.41%)	(0.33%)	0.97%
Real Estate	1.31%	(1.11%)	(1.40%)	-	-
Clarion Lion Fund	1.91%	(2.34%)	(3.34%)	-	-
Morgan Stanley	0.76%	0.06%	0.58%	-	_
NCREIF NFI-ODCE Value Weight	1.16%	(1.43%)	(2.32%)	2.87%	4.01%
Total Plan	(2.51%)	9.55%	3.66%	7.40%	7.11%
Target*	(1.87%)	9.99%	2.37%	6.61%	6.60%



<sup>\*</sup> Current Quarter Target = 32.0% S&P 500, 25.0% Bloomberg Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Value Weight Gross, 8.0% Russell 2000, 6.0% MSCI EM and 5.0% MSCI EAFE Small Cap.

\*\* 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, 76% MSCI EAFE + 24% MSCI EM until 7/31/2016, and 56% MSCI EAFE + 24% MSCI EM + 20 MSCI EAFE Small Cap thereafter.

# **Calendar Year Returns**

	2024	2023	2022	2021	2020
Domestic Equity	18.65%	20.03%	(10.71%)	28.28%	11.16%
Domestic Equity Benchmark**	22.41%	24.55%	(18.54%)	25.93%	18.94%
Large Cap Equity	21.15%	19.32%	(10.60%)	30.18%	11.03%
Boston Partners	17.26%	13.26%	(3.17%)	31.78%	2.99%
Russell 1000 Value Index	14.37%	11.46%	(7.54%)	25.16%	2.80%
SSgA S&P 500	24.98%	26.29%	(18.10%)	28.70%	18.36%
S&P 500 Index	25.02%	26.29%	(18.11%)	28.71%	18.40%
Small Cap Equity	9.02%	22.65%	(11.15%)	21.00%	11.67%
Atlanta Capital	9.02%	22.65%	(11.15%)	21.00%	11.67%
Russell 2000 Index	11.54%	16.93%	(20.44%)	14.82%	19.96%
International Equity	6.36%	16.93%	(11.13%)	7.20%	8.49%
International Benchmark***	4.44%	15.23%	(17.10%)	7.67%	11.39%
International Large Cap	4.03%	16.16%	(9.11%)	9.34%	5.71%
SSgA EAFE	4.06%	18.60%	(14.08%)	11.52%	8.27%
Pyrford	4.01%	14.97%	(6.49%)	8.22%	4.09%
MSCI EAFE Index	3.82%	18.24%	(14.45%)	11.26%	7.82%
International Small Cap	10.93%	20.18%	(10.52%)	3.46%	7.36%
AQR	10.93%	20.18%	(10.52%)	3.46%	7.36%
MSCI EAFE Small Cap Index	1.82%	13.16%	(21.39%)	10.10%	12.34%
Emerging Markets Equity	7.74%	15.91%	(16.06%)	6.25%	14.40%
DFA Emerging Markets	7.74%	15.91%	(16.06%)	6.25%	14.40%
MSCI Emerging Markets Index	7.50%	9.83%	(20.09%)	(2.54%)	18.31%
Domestic Fixed Income	1.32%	6.24%	(13.48%)	(0.46%)	9.85%
TCW	1.32%	6.24%	(13.48%)	(0.46%)	9.85%
Bloomberg Aggregate Index	1.25%	5.53%	(13.01%)	(1.54%)	7.51%
Real Estate	(1.11%)	(10.55%)	8.39%	-	-
Clarion Lion Fund	(2.34%)	(15.71%)	9.69%	-	-
Morgan Stanley	0.06%	(4.98%)	7.02%	-	-
NCREIF NFI-ÓDCE Value Weight	(1.43%)	(12.02%)	7.47%	22.17%	1.19%
Total Plan	9.55%	12.72%	(9.79%)	15.12%	11.42%
Target*	9.99%	13.45%	(14.03%)	12.81%	13.82%



# Watch List

Manager/ Mandate	Date Added to Watch List	Reason	Recommended Action
Atlanta Capital/ Small Cap	Q2 2024	Atlanta Capital announced that Bill Bell, a portfolio manager for the Small Cap Equity strategy, will retire at the end of 2024. The team consists of three members: Bill Bell, Chip Reed, and Matt Hereford, all of whom have worked together for over 20 years. In anticipation of Bell's retirement, Jeff Wilson has joined the firm as a portfolio manager. He has nearly 20 years of experience and will work closely with Bell and the team to ensure a smooth transition. Callan will continue to monitor the strategy during this transition but is not overly concerned given the tenure of the team.	Callan is not overly concerned given the tenure of the team and the long-standing succession plan. However, the Boards and Callan will continue to closely monitor the strategy as they move through this transition.
Boston Partners/ Large Cap Value	Q1 2024	Boston Partners announced that David Pyle, a portfolio manager for over 15 years on the Large Cap Value strategy, will step away from his portfolio manager duties in September 2024; though he will remain at Boston Partners for some time. The team consists of four members: David Pyle, Mark Donovan, Josh White, and David Cohen. Pyle and Donovan (who founded Boston Partners) represent the more veteran, seasoned portfolio managers on the strategy. Boston Partners has incrementally promoted White and Cohen into portfolio management roles over the last decade to plan for these eventual transitions. Pyle's responsibilities will be primarily assumed by White and Cohen.	Callan is not overly concerned given the tenure of the team and the long-standing succession plan. However, the Boards and Callan will continue to closely monitor the strategy as they move through this transition.
TCW/ Fixed Income	Q3 2023	TCW/MetWest announced senior fixed income leadership transitions in 2023. Laird Landmann and Steve Kane are Generalist Portfolio Managers and were part of the original team that came to TCW from MetWest in 2010. Landmann retired at the end of 2023 and Kane will retire at the end of 2024. Ruben Hovhannisyan, Associate Generalist Portfolio Manager, and Jerry Cudzil, Global Head of Credit Trading, joined Co-ClO Bryan Whalen as Generalists. Whalen joined TCW in 2010 from MetWest alongside Landmann, Kane, and Tad Rivelle who retired in 2021. Cudzil has been with TCW since 2012, and Hovhannisyan since 2007. TCW's performance has also been mixed with peer group rankings well below median for numerous time periods.	Callan continues to monitor the strategy and team. Performance remains challenged especially versus peers in the short to intermediate term. Longer term results vs. the benchmark are more competitive. Callan recommends looking at other managers to potentially complement or replace TCW.



# Callan

**Fixed Income** 

## **Role of Fixed Income**

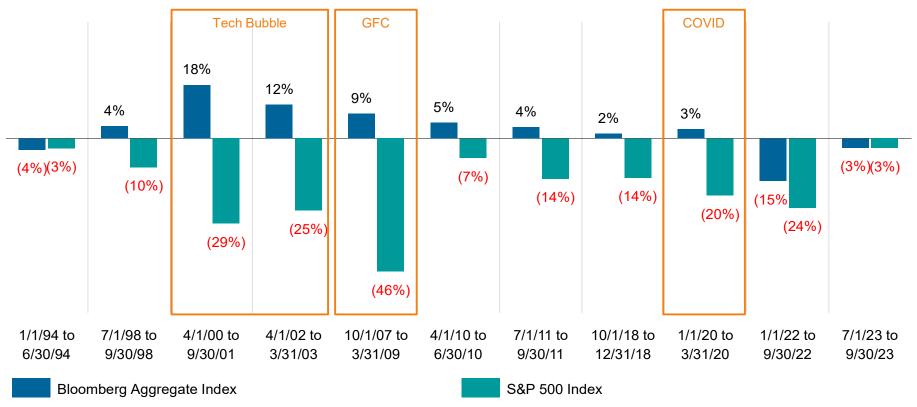
- Fixed income is typically a low-risk, diversifying asset for the equity allocation rather than a primary source of additional return to a fund
  - Bonds offer protection in the short run
  - Dependable income provides comfort in economic downturns or sudden market corrections
- The fixed income allocation is the primary diversifier for the exposure to equities (which is there for capital growth)
- Fixed income can also serve as a very important source of liquidity
- Sacramento Regional Transit District invests in broad U.S. Fixed Income as represented by the Bloomberg Aggregate U.S. Index. The index sectors include:
  - U.S. Treasurys, government-related bonds
  - Investment-grade corporate bonds
  - Agency mortgage-backed securities, commercial mortgage-backed securities, and asset-backed securities
- The benchmark excludes the following sectors, but your manager has latitude to invest a limited amount of the portfolio in these "plus" sectors:
  - High yield ("junk") bonds
  - Non-U.S. dollar bonds, emerging market bonds



## An Illustration of the Role of Fixed Income

Fixed Income Performance in Declining Equity Environments

### **Cumulative Returns for U.S. Equity Declining Periods (last 30 years)**



• Typically, the role of fixed income is to serve as a low-risk, diversifying anchor against which an investor takes on riskier investments in assets such as equity.



# **Fixed Income Strategies**

Descriptions, Pros and Cons

Core: Attempts to add modest amounts of value over the return of the Bloomberg Aggregate index with limited tracking error

### **Pros**

Expectation of value added by modest interest rate, sector, and security management

Low tracking error

### Cons

Outperformance over the index can be difficult to achieve net of fees

Active core managers can underperform during times of equity market stress due to low Treasury allocations

Purpose: Stability of Income/Diversification vs. Equity/Low Default Risk

Core Plus: Attempts to add value over the Bloomberg Aggregate with higher tracking error due in part to the use of non-index securities such as low-quality credit or global bonds

### **Pros**

Managers have generally added value net of fees

Use tactical allocation when valuations are attractive

### Cons

Higher tracking error than Core

Non-index securities tend to have higher correlations to equities limiting potential diversification vs. equities

**Purpose: Moderate Total Return** 



# The Callan Periodic Table of Investment Returns

Annual Returns for Key Indices Ranked in Order of Performance (2010–2024)

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Small Cap	Real Estate	Emerging	Small Cap	Large Cap	Real Estate	Small Cap	Emerging	Real Estate	Large Cap	Small Cap	Large Cap	Real Estate	Large Cap	Large Cap
Equity		Market	Equity	Equity		Equity	Market		Equity	Equity	Equity		Equity	Equity
		Equity					Equity							
26.85%	15.99%	18.23%	38.82%	13.69%	15.02%	21.31%	37.28%	8.50%	31.49%	19.96%	28.71%	7.47%	26.29%	25.02%
Emerging	U.S. Fixed	Developed	Large Cap	Real Estate	Large Cap	Large Cap	Developed	Cash	Small Cap	Large Cap	Real Estate	Cash	Developed	Small Cap
Market	Income	ex-US	Equity		Equity	Equity	ex-US	Equivalent	Equity	Equity		Equivalent	ex-US	Equity
Equity		Equity					Equity						Equity	
18.88%	7.84%	17.32%	32.39%	12.50%	1.38%	11.96%	25.03%	1.87%	25.52%	18.40%	22.17%	1.46%	18.24%	11.54%
Real Estate	Large Cap	Small Cap	Developed	U.S. Fixed	U.S. Fixed	Emerging	Large Cap	U.S. Fixed	Developed	Emerging	Small Cap	U.S. Fixed	Small Cap	Emerging
	Equity	Equity	ex-US	Income	Income	Market	Equity	Income	ex-US	Market	Equity	Income	Equity	Market
			Equity			Equity			Equity	Equity				Equity
16.36%	2.11%	16.35%	22.78%	5.97%	0.55%	11.19%	21.83%	0.01%	22.01%	18.31%	14.82%	-13.01%	16.93%	7.50%
Large Cap	Cash	Large Cap	Real Estate	Small Cap	Cash	Real Estate	Small Cap	Large Cap	Emerging	Developed	Developed	Developed	Emerging	Cash
Equity	Equivalent	Equity		Equity	Equivalent		Equity	Equity	Market	ex-US	ex-US	ex-US	Market	Equivalent
									Equity	Equity	Equity	Equity	Equity	
15.06%	0.10%	16.00%	13.96%	4.89%	0.05%	8.77%	14.65%	-4.38%	18.44%	7.82%	11.26%	-14.45%	9.83%	5.25%
Developed	Small Cap	Real Estate	Cash	Cash	Developed	U.S. Fixed	Real Estate	Small Cap	U.S. Fixed	U.S. Fixed	Cash	Large Cap	U.S. Fixed	Developed
ex-US	Equity		Equivalent	Equivalent	ex-US	Income		Equity	Income	Income	Equivalent	Equity	Income	ex-US
Equity					Equity									Equity
7.75%	-4.18%	10.94%	0.07%	0.03%	-0.81%	2.65%	7.62%	-11.01%	8.72%	7.51%	0.05%	-18.11%	5.53%	3.82%
U.S. Fixed	Developed	U.S. Fixed	U.S. Fixed	Emerging	Small Cap	Developed	U.S. Fixed	Developed	Real Estate	Real Estate	U.S. Fixed	Emerging	Cash	U.S. Fixed
Income	ex-US	Income	Income	Market	Equity	ex-US	Income	ex-US			Income	Market	Equivalent	Income
	Equity			Equity		Equity		Equity				Equity		
6.54%	-12.14%	4.21%	-2.02%	-2.19%	-4.41%	1.00%	3.54%	-13.79%	5.34%	1.19%	-1.54%	-20.09%	5.01%	1.25%
Cash	Emerging	Cash	Emerging	Developed	Emerging	Cash	Cash	Emerging	Cash	Cash	Emerging	Small Cap	Real Estate	Real Estate
Equivalent	Market	Equivalent	Market	ex-US	Market	Equivalent	Equivalent	Market	Equivalent	Equivalent	Market	Equity		
	Equity		Equity	Equity	Equity			Equity			Equity			
0.13%	-18.42%	0.11%	-2.60%	-4.90%	-14.92%	0.33%	0.86%	-14.57%	2.28%	0.67%	-2.54%	-20.44%	-12.02%	-1.43%

Sources: ■ S&P 500 ■ Russell 2000 ■ MSCI EAFE ■ MSCI Emerging Markets ■ Bloomberg Aggregate ■ 90-day T-bill ■ NFI-ODCE Value Weight



# Callan

**Callan Research & Events Updates** 

## **Callan Institute Events**

Upcoming conferences, workshops, and webinars

### 2025 National Conference

# Mark your calendars for this event in Scottsdale on April 27-29, 2025

Our annual conference will feature mainstage speakers and Callan-led workshops on a variety of topics.

This year we welcome Zanny Minton Beddoes to the stage.

Registration for this event will open in January 2025!

Please visit our website at <u>callan.com/events-education</u> as we add dates to our 2025 calendar!



### **Mark Your Calendar**

### 2025 Regional Workshops

June 3, 2025 - Denver

June 5, 2025 – New York

October 28, 2025 - Chicago

October 30, 2025 - San Francisco

Watch your email for further details and an invitation.

### **Upcoming Webinars**

### November 21, 2024

Research Café featuring Callan's 2024 Private Equity Fees and Terms Study

### January 2025

Callan's 2025 Capital Markets Assumptions Webinar



# **Introducing Callan On-Demand Education (CODE)**

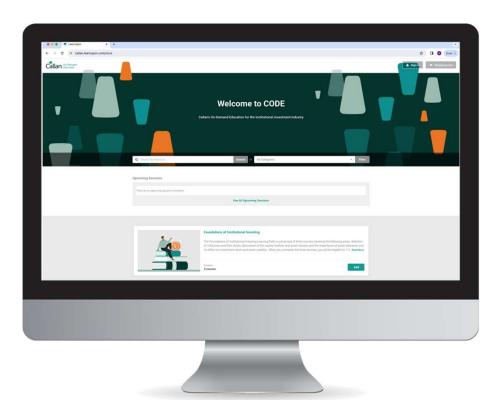


- ► Variety of educational courses
- ► Interactive and engaging
- ► Self-guided modules
- ► Eligible for continuing education credits
- ► Learning at your own pace

CODE courses are designed for investment professionals of all levels—and they're self-guided. Access them anytime, from anywhere, and get continuing education credits for each completed course.

CODE is for you, your colleagues, your new hires, and your interns. It's for anyone interested in learning about institutional investing.

callan.com/code



### 3 Reasons to Take CODE Courses

- Become a better fiduciary
- Showcase your skills and knowledge
- 3 Learn from Callan's investment experts



# **Important Disclosures**

Information contained in this document may include confidential, trade secret and/or proprietary information of Callan and the client. It is incumbent upon the user to maintain such information in strict confidence. Neither this document nor any specific information contained herein is to be used other than by the intended recipient for its intended purpose.

The content of this document is particular to the client and should not be relied upon by any other individual or entity. There can be no assurance that the performance of any account or investment will be comparable to the performance information presented in this document.

Certain information herein has been compiled by Callan from a variety of sources believed to be reliable but for which Callan has not necessarily verified for accuracy or completeness. Information contained herein may not be current. Callan has no obligation to bring current the information contained herein.

Callan's performance, market value, and, if applicable, liability calculations are inherently estimates based on data available at the time each calculation is performed and may later be determined to be incorrect or require subsequent material adjustment due to many variables including, but not limited to, reliance on third party data, differences in calculation methodology, presence of illiquid assets, the timing and magnitude of unrecognized cash flows, and other data/assumptions needed to prepare such estimated calculations. In no event should the performance measurement and reporting services provided by Callan be used in the calculation, deliberation, policy determination, or any other action of the client as it pertains to determining amounts, timing or activity of contribution levels or funding amounts, rebalancing activity, benefit payments, distribution amounts, and/or performance-based fee amounts, unless the client understands and accepts the inherent limitations of Callan's estimated performance, market value, and liability calculations.

Callan's performance measurement service reports estimated returns for a portfolio and compares them against relevant benchmarks and peer groups, as appropriate; such service may also report on historical portfolio holdings, comparing them to holdings of relevant benchmarks and peer groups, as appropriate ("portfolio holdings analysis"). To the extent that Callan's reports include a portfolio holdings analysis, Callan relies entirely on holdings, pricing, characteristics, and risk data provided by third parties including custodian banks, record keepers, pricing services, index providers, and investment managers. Callan reports the performance and holdings data as received and does not attempt to audit or verify the holdings data. Callan is not responsible for the accuracy or completeness of the performance or holdings data received from third parties and such data may not have been verified for accuracy or completeness.

Callan's performance measurement service may report on illiquid asset classes, including, but not limited to, private real estate, private equity, private credit, hedge funds and infrastructure. The final valuation reports, which Callan receives from third parties, for of these types of asset classes may not be available at the time a Callan performance report is issued. As a result, the estimated returns and market values reported for these illiquid asset classes, as well as for any composites including these illiquid asset classes, including any total fund composite prepared, may not reflect final data, and therefore may be subject to revision in future quarters.

The content of this document may consist of statements of opinion, which are made as of the date they are expressed and are not statements of fact. The opinions expressed herein may change based upon changes in economic, market, financial and political conditions and other factors. Callan has no obligation to bring current the opinions expressed herein.

The information contained herein may include forward-looking statements regarding future results. The forward-looking statements herein: (i) are best estimations consistent with the information available as of the date hereof and (ii) involve known and unknown risks and uncertainties. Actual results may vary, perhaps materially, from the future results projected in this document. Undue reliance should not be placed on forward-looking statements.

Callan is not responsible for reviewing the risks of individual securities or the compliance/non-compliance of individual security holdings with a client's investment policy guidelines.

This document should not be construed as legal or tax advice on any matter. You should consult with legal and tax advisers before applying any of this information to your particular situation.

Reference to, or inclusion in this document of, any product, service or entity should not necessarily be construed as recommendation, approval, or endorsement or such product, service or entity by Callan. This document is provided in connection with Callan's consulting services and should not be viewed as an advertisement of Callan, or of the strategies or products discussed or referenced herein.

The issues considered and risks highlighted herein are not comprehensive and other risks may exist that the user of this document may deem material regarding the enclosed information. Please see any applicable full performance report or annual communication for other important disclosures.

Unless Callan has been specifically engaged to do so, Callan does not conduct background checks or in-depth due diligence of the operations of any investment manager search candidate or investment vehicle, as may be typically performed in an operational due diligence evaluation assignment and in no event does Callan conduct due diligence beyond what is described in its report to the client.

Any decision made on the basis of this document is sole responsibility of the client, as the intended recipient, and it is incumbent upon the client to make an independent determination of the suitability and consequences of such a decision.

Callan undertakes no obligation to update the information contained herein except as specifically requested by the client.

Past performance is no guarantee of future results.



# Callan

December 31, 2024

Sacramento Regional Transit District Retirement Plans

Investment Measurement Service Quarterly Review

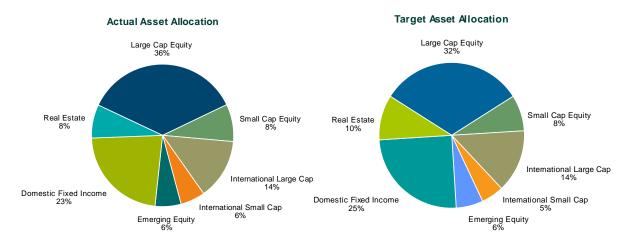
### Table of Contents December 31, 2024

Executive Summary	1
Capital Markets Review	3
Combined Plan	
Actual vs Target Asset Allocation	9
Quarterly Total Plan Attribution	10
Cumulative Total Plan Attribution	11
Total Fund Performance	13
Historical Asset Allocation	14
Asset Growth Summary	16
Investment Manager Performance	17
Domestic Equity	
Domestic Equity	23
Large Cap	27
SSgA S&P 500	31
Boston Partners	35
Atlanta Capital	41
International Equity	
International Equity	48
SSgA EAFE	53
Pyrford	59
AQR	67
DFA Emerging Markets	75
Domestic Fixed Income TCW	84
Real Estate	
Real Estate	90
Clarion Lion Fund	92
Morgan Stanley	94
Definitions	96
Disclosures	99

### **Sacramento Regional Transit District**

Executive Summary for Period Ending December 31, 2024

#### **Asset Allocation**



#### **Performance**

	Last	Last	Last 3	Last 5	Last /
	Quarter	Year	Years	Years	Years
Total Plan	-2.51%	9.55%	3.66%	7.40%	7.11%
Target*	-1.87%	9.99%	2.37%	6.61%	6.60%

### **Recent Developments**

Josh White has been appointed co-CIO at Boston Partners, effective January 1, 2025. He is a portfolio manager on the Large Cap Value strategy, and his responsibilities on that strategy are not expected to change. White started as an analyst, was promoted to portfolio manager, and now co-CIO. We view this to be a positive development as White is viewed as part of the next generation of leadership at Boston Partners.

Laurel Durkay is joining the MSIM Prime Property Fund portfolio management team as CIO. Durkay joined Morgan Stanley in 2020 and has 23 years of investment experience. She was most recently the Head of Global Listed Real Assets within MSIM and the lead portfolio manager for U.S. and Global listed real estate strategies. We view this as a positive development as they are adding resources to the team.

#### Organizational Issues

N/A

### **Manager Performance**

	Peer Group Ranking			
Manager	Last Year	Last 3 Years	Last 7 Years	
Boston Partners	28	29	25	
Atlanta Capital	71	15	15	
Pyrford	74	22	48	
AQR	13	7	33	
DFA	51	13	11	
TCW	94	87	73	
Clarion	64	63	[72]	
Morgan Stanley	1	1	[3]	

Brackets indicate performance linked with manager's composite

#### **Watch List**

- TCW is on the watch list to monitor the performance, portfolio manager transitions, and senior leadership retirements.
- Boston Partners is on the watch list to monitor portfolio manager transitions.
- Atlanta Capital is on the watch list to monitor portfolio manager transitions.

<sup>\*</sup> Current Quarter Target = 32.0% S&P 500, 25.0% Bloomberg Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Value Weighted, 8.0% Russell 2000 Index, 6.0% MSCI Emerging Markets, and 5.0% MSCI EAFE Small Cap.

#### **U.S. EQUITIES**

### U.S. market reaches record high after spike in volatility

- The U.S. equity market ended with the S&P 500 Index up over 2%. However, the quarter was marked by volatility, particularly during October and December.
- Negative returns in October were driven by investor anxiety around the U.S. presidential election, uncertainty with the Fed's approach to interest rate cuts, and some misses to corporate earnings expectations. December returns, while initially buoyed by the Fed's third consecutive rate cut, cooled after the Fed announced no additional rate cuts until the second half of 2025.
- Sector performance was mixed; only four (Communication Services, Consumer Discretionary, Financials, and Information Technology) posted gains.
- During 4Q24, large cap stocks outperformed small caps.
   Growth outperformed value across the market cap spectrum.

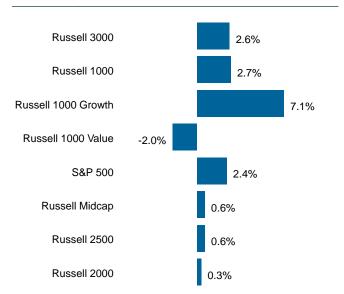
#### Large caps continue to drive narrow markets

- Concentration and performance contribution of the Magnificent Seven stocks within the large cap benchmarks remain outsized relative to the aggregate of benchmark constituents. In 2024, the S&P 500's return was 25%; the S&P 500 ex-Mag 7 return was 16%.
- For the second year in a row, less than 30% of S&P 500 stocks have outperformed the S&P 500 itself.

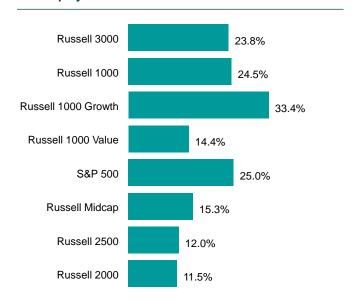
### Fundamentals critical to success of large caps

- In recent years, themes—like "work from home" stocks and Al—as well as momentum have been attributed to the prolonged success of the Magnificent Seven.
- However, Magnificent Seven valuations have been supported by strong earnings, low debt, and high cash levels. Consensus and forward-looking EPS growth expectations also remain high for large cap companies.

### **U.S. Equity: Quarterly Returns**

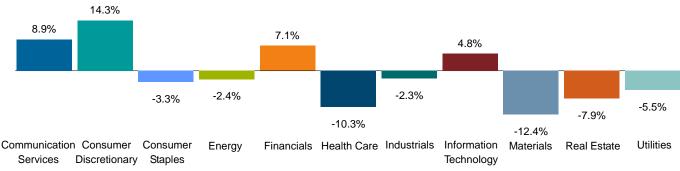


#### **U.S. Equity: One-Year Returns**



Sources: FTSE Russell, S&P Dow Jones Indices

#### S&P Sector Returns, Quarter Ended 12/31/24



Source: S&P Dow Jones Indices



#### **GLOBAL EQUITIES**

#### Trump tariffs weigh on markets

- Global equity markets had a rough end to the year as proposed Trump tariffs weighed on Europe and China.
- Europe was one of the worst-performing regions, plagued by political uncertainty and continued economic woes.
- While still negative, Japan's decline over the quarter was stemmed by the approval of a new economic stimulus plan focused on issues such as wage stability and deflation.

### **Emerging markets: China, India fall short**

 Emerging markets declined on the heels of poor results out of China and India. Although Chinese stocks initially gained from the announced stimulus, they later declined due to expected tariffs. Economic growth in India fell short of expectations.

### Growth vs. value: Muted tech influence on growth

 In developed ex-U.S. markets, the influence of technology and AI is comparatively more muted, which makes the trend of growth stocks, especially those from the Magnificent Seven, outperforming value stocks less pronounced.

#### U.S. dollar: Strength from beneficial effects of Trump

 The U.S. dollar shifted direction from the last quarter as expectations for interest rate cuts faded, along with the anticipated beneficial effects of the Trump administration on the U.S. economy; in total the U.S. Dollar Index rose over 7% during the quarter.

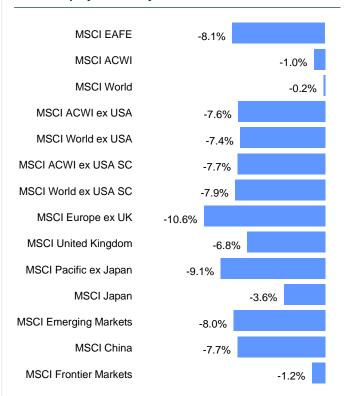
### Global equity market concentration continues higher

- The U.S. share of global market capitalization in global indices is at all-time highs as U.S. technology companies lead markets higher.
- Market capitalization-weighted global benchmarks are providing lower diversification benefits than historically at not only the country level but also the security level as the top five constituents of the MSCI ACWI Index currently comprise over 17% of the benchmark.

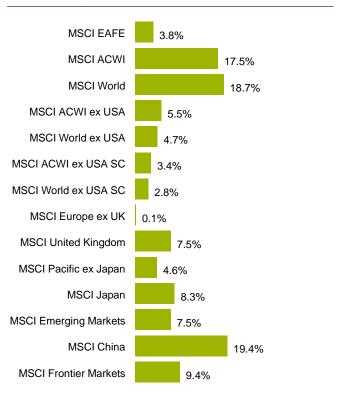
### U.S. dollar strength has been a headwind

- Recent U.S. dollar strength has been a notable headwind for non-U.S. equities as local currency revenues of companies continue to weaken against the U.S. dollar.
- Some contributing factors to U.S. dollar strength have been higher interest rate policy by the Federal Reserve compared to other central banks, U.S. economic and market strength, and recent rhetoric regarding potentially higher tariff rates on U.S. imports.

#### **Global Equity: Quarterly Returns**



#### **Global Equity: One-Year Returns**



Source: MSCI



#### Inflation concerns resurface

- The Fed continued the rate cutting cycle, most recently in December, bringing the target range to 4.25%-4.50%.
- The yield curve steepened, with rates rising for Treasuries one year and longer. The 10-year rose 77 bps to 4.58%.
- Inflation concerns resurfaced, with the breakeven inflation rate rising by 19 bps to 2.30% over the course of the quarter.

#### Performance drivers

- The Bloomberg US Aggregate Bond Index fell 3.1% due to the rise in rates.
- With the steepening yield curve, long government bonds fared the worst among sectors.
- Leveraged finance sectors (High yield: +0.2%, leveraged loans: +2.3%) were the only positive fixed income sectors as spreads tightened.

#### Credit spreads tighten

- Corporate credit spreads across both investment grade and leveraged finance tightened, with both being "priced to perfection."
- New issuance continued to be strong, with 2024 totals for both IG and HY outpacing 2023.

### **MUNICIPAL BONDS**

#### Negative returns in 4Q

- The muni AAA-rated curve shifted upward across the curve and the curve steepened.
- The spreads between the AAA 2s/10s key rates (24 bps) ended the year slightly tighter than Treasuries (33 bps).

### Low dispersion across quality in 4Q and for the year

- AAA: -1.3%; +1.4%
- AA: -1.2%: +1.5%
- A: -1.2%; +1.5%
- BBB: -1.3%; +1.6%

#### Robust issuance through 4Q, demand softened slightly

- Total issuance in 2024 was \$508 billion, beating the previous high of \$485 billion in 2020 and up 32% year over year.
- Demand absorbed issuance most of the quarter, but
   December exhibited three weeks of fund outflows, after 23 weeks of consecutive net inflows.

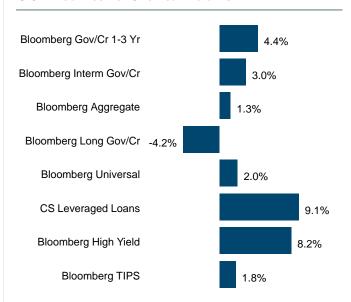
#### Muni valuations vs. U.S. Treasuries remain rich

 10-year AAA muni/10-year U.S. Treasury yield ratio was rich relative to the 10-year median (67% now vs. 80% historical).

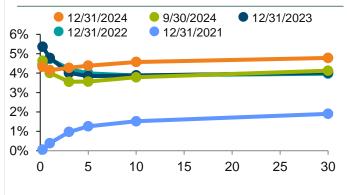
#### U.S. Fixed Income: Quarterly Returns



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



### U.S. Treasury Yield Curves



Sources: Bloomberg, Credit Suisse



#### **GLOBAL FIXED INCOME**

#### Political controversy dogs euro zone

- The euro zone was marred with political controversy in 4Q, specifically in Germany and France.
- GDP growth in the euro zone rose modestly (+0.4%), while the ECB cut rates in December.
- Japan's GDP grew 1.2% on the back of strong exports and a weaker yen.

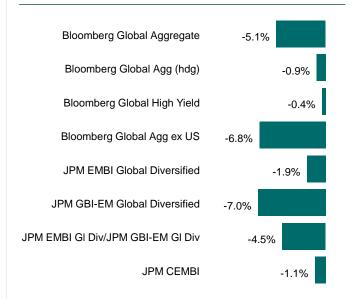
#### U.S. dollar surges

- The U.S. dollar rose 8% versus a basket of six developed market currencies.
- Global fixed income returns varied based on currency exposure, with the Bloomberg Global Aggregate ex US Hedged Index rising 0.7%, while the Bloomberg Global Aggregate ex US Unhedged Index fell by 6.8%.

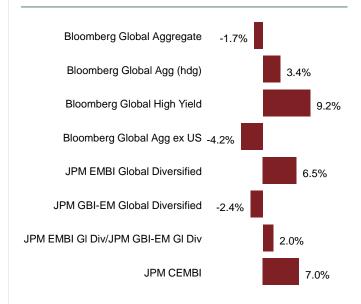
#### Emerging market debt faced similar challenges

- Both EM local and hard currency bonds posted negative returns on the quarter, weighed down by the strength of the dollar and geopolitical risk. Hard currency spreads narrowed at the tail end of the quarter, partially offsetting an early quarter drawdown.
- Brazil increased its policy rate by 150 bps in 4Q, resulting in the Brazilian real depreciating by 13.4% versus the U.S. dollar.

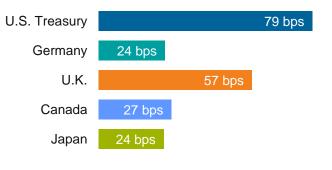
#### **Global Fixed Income: Quarterly Returns**



#### Global Fixed Income: One-Year Returns



## Change in 10-Year Global Government Bond Yields

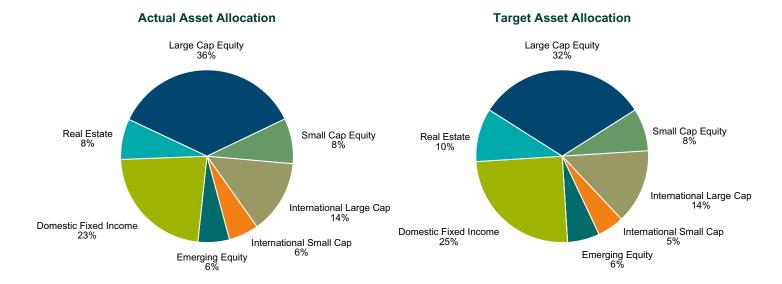


Sources: Bloomberg, JP Morgan



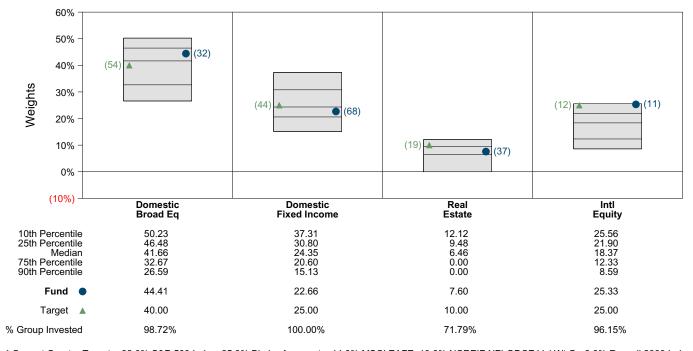
# Actual vs Target Asset Allocation As of December 31, 2024

The top left chart shows the Fund's asset allocation as of December 31, 2024. 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).



Asset Class	\$000s Actual	Weight Actual	Target	Percent Difference	\$000s Difference
Large Cap Equity	153,685	35.9%	32.0%	3.9%	16,859
Small Cap Equity	36,220	8.5%	8.0%	0.5%	2,013
International Large Cap	58,944	13.8%	14.0%	(0.2%)	(917)
International Small Cap	23,980	5.6%	5.0%	0.6%	2,601
Emerging Equity '	25,387	5.9%	6.0%	(0.1%)	(268)
Domestic Fixed Income	96,887	22.7%	25.0%	(2.3%)	(10,008)
Real Estate	32,477	7.6%	10.0%	(2.4%)	(10,281)
Total	427 581	100.0%	100.0%	,	

### Asset Class Weights vs Callan Public Fund Spons- Mid (100M-1B)



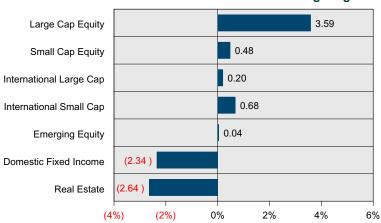
<sup>\*</sup> Current Quarter Target = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.



## Quarterly Total Fund Relative Attribution - December 31, 2024

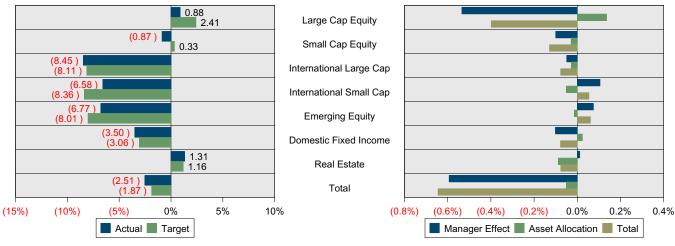
The following analysis approaches Total Fund Attribution from the perspective of relative return. Relative return attribution separates and quantifies the sources of total fund excess return relative to its target. This excess return is separated into two relative attribution effects: Asset Allocation 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 December 31, 2024

Asset Class	Effective Actual Weight	Effective Target Weight	Actual Return	Target Return	Manager Effect	Asset Allocation	Total Relative Return
Large Cap Equity	36%	32%	0.88%	2.41%	(0.53%)	0.14%	(0.40%)
Small Cap Equity	8%	8%	(0.87%)	0.33%	(0.10%)	(0.03%)	(0.13%)
International Large Ca	p 14%	14%	(8.45%)	(8.11%)	(0.05%)	(0.03%)	(0.08%)
International Small Ca	p 6%	5%	(6.58%)	(8.36%)	0.11%	(0.05%)	`0.05%´
Emerging Equity	6%	6%	(6.77%)	(8.01%)	0.07%	(0.01%)	0.06%
Domestic Fixed Incom		25%	(3.50%)	(3.06%)	(0.10%)	0.02%	(0.08%)
Real Estate	7%	10%	1.31%	1.16%	0.01%	(0.09%)	(0.08%)
Total			(2.51%) =	(1.87%) +	(0.59%) +	(0.05%)	(0.64%)

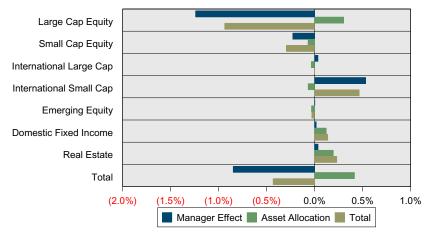
<sup>\*</sup> Current Quarter Target = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.



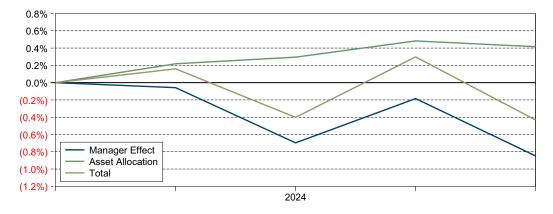
## **Cumulative Total Fund Relative Attribution - December 31, 2024**

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	35%	32%	21.15%	25.02%	(1.24%)	0.30%	(0.94%)
Small Cap Equity	8%	8%	9.02%	11.54%	(0.23%)	(0.07%)	(0.29%)
International Large Cap	o 14%	14%	4.03%	3.82%	0.04%	(0.03%)	`0.00%
International Small Car		5%	10.93%	1.82%	0.53%	(0.07%)	0.46%
Emerging Equity .	6%	6%	7.74%	7.50%	0.00%	(0.03%)	(0.03%)
Domestic Fixed Income	e 23%	25%	1.32%	1.25%	0.02%	0.12%	`0.14%´
Real Estate	8%	10%	(1.11%)	(1.43%)	0.04%	0.20%	0.23%
Total			9.55% =	9.99% +	(0.85%) +	0.42%	(0.43%)

<sup>\*</sup> Current Quarter Target = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.



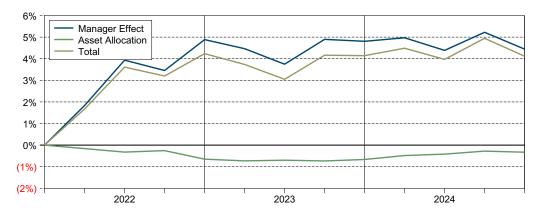
## **Cumulative Total Fund Relative Attribution - December 31, 2024**

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	34%	32%	8.92%	8.94%	(0.03%)	0.06%	0.03%
Small Cap Equity	8%	8%	5.91%	1.24%	0.38%	(0.07%)	0.31%
International Large Cap	o 14%	14%	3.17%	1.65%	0.21%	(0.04%)	0.18%
International Small Car		5%	6.06%	(3.25%)	0.50%	(0.04%)	0.46%
Emerging Equity	6%	6%	1.58%	(1.92%)	0.21%	(0.03%)	0.18%
Domestic Fixed Income		25%	(2.34%)	(2.41%)	0.01%	0.04%	0.05%
Real Estate	9%	10%	(1.40%)	(2.32%)	0.12%	(0.03%)	0.09%
Total			3.66% =	2.37% +	+ 1.40% +	(0.10%)	1.29%

<sup>\*</sup> Current Quarter Target = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.



## Total Fund Period Ended December 31, 2024

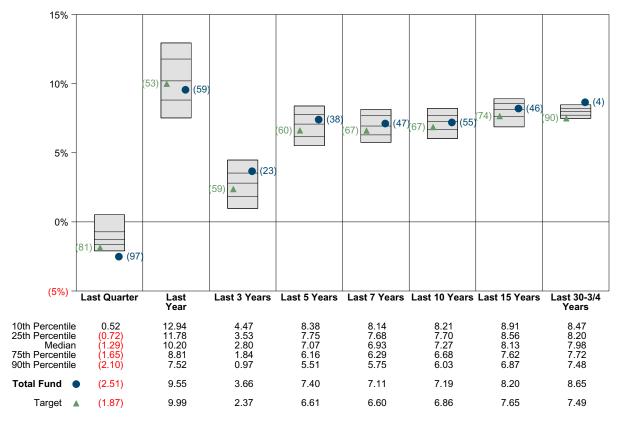
### **Investment Philosophy**

\* Current Quarter Target = 32.0% S&P 500 Index, 25.0% Bloomberg Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Value Weight Gross, 8.0% Russell 2000 Index, 6.0% MSCI Emerging Markets and 5.0% MSCI EAFE Small.

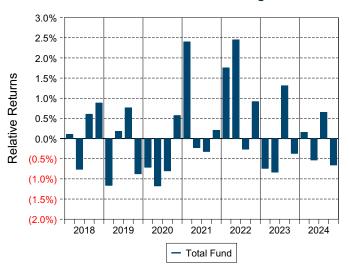
## **Quarterly Summary and Highlights**

- Total Fund's portfolio posted a (2.51)% return for the quarter placing it in the 97 percentile of the Callan Public Fund Spons- Mid (100M-1B) group for the quarter and in the 59 percentile for the last year.
- Total Fund's portfolio underperformed the Target by 0.64% for the quarter and underperformed the Target for the year by 0.43%.

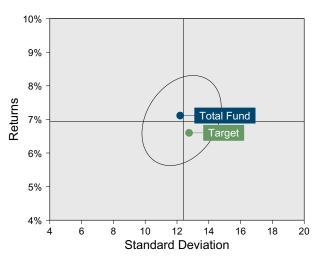
## Performance vs Callan Public Fund Spons- Mid (100M-1B) (Gross)



#### Relative Return vs Target



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

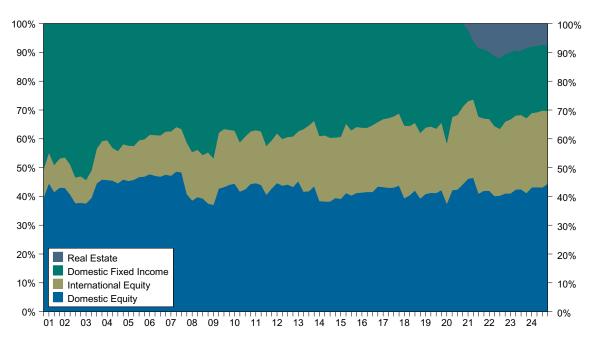




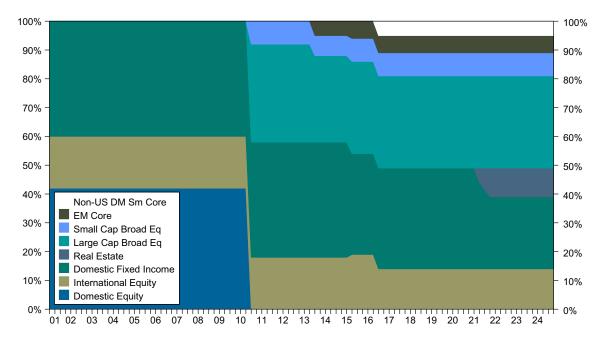
## **Actual vs Target Historical Asset Allocation**

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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.



## **Investment Manager Asset Allocation**

The table below contrasts the distribution of assets across the Fund's investment managers as of December 31, 2024, with the distribution as of September 30, 2024. 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 3	1, 2024			September 3	0, 2024
	Market Value	Weight	Net New Inv.	Inv. Return	Market Value	Weight
Domestic Equity	\$189,904,939	44.41%	\$(657,997)	\$1,039,599	\$189,523,338	43.11%
Large Cap	\$153,685,163	35.94%	\$(657,997)	\$1,357,106	\$152,986,054	34.80%
Boston Partners	74,316,016	17.38%	0	(527,506)	74,843,522	17.03%
SSgA S&P 500	79,369,147	18.56%	(657,997)	1,884,612	78,142,532	17.78%
Small Cap	\$36,219,776	8.47%	\$0	\$(317,508)	\$36,537,284	8.31%
Atlanta Capital	36,219,776	8.47%	0	(317,508)	36,537,284	8.31%
International Large Cap	\$58.944.232	13.79%	\$0	\$(5,514,563)	\$64,458,795	14.66%
SSgA EAFE	19.669.574	4.60%	0	(1,729,042)	21,398,615	4.87%
Pyrford	39,274,659	9.19%	0	(3,785,521)	43,060,179	9.80%
International Small Cap	\$23,979,907	5.61%	\$0	\$(1,746,043)	\$25,725,950	5.85%
AQR	23,979,907	5.61%	0	(1,746,043)	25,725,950	5.85%
Emerging Equity	\$25.387.012	5.94%	\$0	\$(1,871,975)	\$27,258,988	6.20%
DFA Emerging Markets	25,387,012	5.94%	0	(1,871,975)	27,258,988	6.20%
Fixed Income	\$96,887,227	22.66%	\$0	\$(3,586,091)	\$100,473,318	22.86%
TCW	96,887,227	22.66%	0	(3,586,091)	100,473,318	22.86%
Real Estate	\$32,477,459	7.60%	\$0	\$341,451	\$32,136,008	7.31%
Clarion Lion Fund	15,690,920	3.67%	0	251,145	15,439,775	3.51%
Morgan Stanley	16,786,539	3.93%	0	90,306	16,696,233	3.80%
Total Plan - Consolidated	\$427,580,776	100.0%	\$(657,997)	\$(11,337,623)	\$439,576,396	100.0%



# Sacramento Regional Transit District Asset Growth

Ending December 31, 2024 (\$ Thousands)	Ending Market Value	Beginning Market = Value	+	Net New Investment	+	Investment Return
Total Plan 1/4 Year Ended 12/2024 1/4 Year Ended 9/2024 1/4 Year Ended 6/2024 1/4 Year Ended 3/2024	427,580.8 439,576.4 412,869.9 410,483.4	439,576.4 412,869.9 410,483.4 392,619.4		(658.0) (749.6) (349.1) 135.4		(11,337.6) 27,456.1 2,735.6 17,728.6
1/4 Year Ended 12/2023 1/4 Year Ended 9/2023 1/4 Year Ended 6/2023 1/4 Year Ended 3/2023	392,619.4 363,810.4 372,143.2 364,299.7	363,810.4 372,143.2 364,299.7 351,308.1		(753.5) (494.6) (579.6) (747.2)		29,562.5 (7,838.2) 8,423.2 13,738.8
1/4 Year Ended 12/2022 1/4 Year Ended 9/2022 1/4 Year Ended 6/2022 1/4 Year Ended 3/2022	351,308.1 327,300.8 347,657.9 382,375.5	327,300.8 347,657.9 382,375.5 393,985.6		(985.8) (997.6) (994.6) (384.8)		24,993.1 (19,359.4) (33,723.0) (11,225.3)
1/4 Year Ended 12/2021 1/4 Year Ended 9/2021 1/4 Year Ended 6/2021 1/4 Year Ended 3/2021	393,985.6 375,389.0 379,228.3 362,366.9	375,389.0 379,228.3 362,366.9 346,973.1		17.9 (1,967.9) (522.5) (2,096.5)		18,578.8 (1,871.4) 17,384.0 17,490.2
1/4 Year Ended 12/2020 1/4 Year Ended 9/2020 1/4 Year Ended 6/2020 1/4 Year Ended 3/2020	346,973.1 311,751.8 299,942.5 268,251.1	311,751.8 299,942.5 268,251.1 315,424.7		(339.6) (1,344.8) (1,217.2) (567.1)		35,560.9 13,154.1 32,908.6 (46,606.5)



The table below details the rates of return for the Fund's investment managers over various time periods ended December 31, 2024. 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, 2024

			Last	Last	Last
	Last	Last	3	5	7
	Quarter	Year	Years	Years	Years
Domestic Equity	0.54%	18.65%	8.34%	12.64%	11.98%
Domestic Equity Benchmark**	2.04%	22.41%	7.49%	13.22%	12.54%
Large Cap Equity	0.88%	21.15%	8.92%	13.31%	12.18%
Boston Partners	(0.70%)	17.26%	8.74%	11.78%	10.28%
Russell 1000 Value Index	(1.98%)	14.37%	5.63%	8.68%	8.41%
SSgA S&P 500	2.41%	24.98%	8.94%	14.51%	13.83%
S&P 500 Index	2.41%	25.02%	8.94%	14.53%	13.83%
Small Cap Equity	(0.87%)	9.02%	5.91%	9.93%	11.04%
Atlanta Capital	(0.87%)	9.02%	5.91%	9.93%	11.04%
Russell 2000 Index	0.33%	11.54%	1.24%	7.40%	6.91%
International Equity	(7.65%)	6.36%	3.39%	5.15%	4.23%
International Benchmark***	(8.12%)	4.44%	(0.08%)	3.65%	3.15%
International Large Cap	(8.45%)	4.03%	3.17%	4.89%	4.69%
SSgA EAFE	(8.08%)	4.06%	1.97%	5.07%	4.45%
Pyrford	(8.64%)	4.01%	3.79%	4.72%	4.73%
MSCI EAFE Index	(8.11%)	3.82%	1.65%	4.73%	4.10%
International Small Cap	(6.58%)	10.93%	6.06%	5.79%	3.72%
AQR	(6.58%)	10.93%	6.06%	5.79%	3.72%
MSCI EAFE Small Cap Index	(8.36%)	1.82%	(3.25%)	2.30%	2.01%
Emerging Markets Equity	(6.77%)	7.74%	1.58%	4.97%	3.43%
DFA Emerging Markets	(6.77%)	7.74%	1.58%	4.97%	3.43%
MSCI Emerging Markets Index	(8.01%)	7.50%	(1.92%)	1.70%	1.38%
Domestic Fixed Income	(3.50%)	1.32%	(2.34%)	0.37%	1.67%
TCW	(3.50%)	1.32%	(2.34%)	0.37%	1.67%
Bloomberg Aggregate Index	(3.06%)	1.25%	(2.41%)	(0.33%)	0.97%
Real Estate	1.31%	(1.11%)	(1.40%)	-	-
Clarion Lion Fund	1.91%	(2.34%)	(3.34%)	-	-
Morgan Stanley	0.76%	0.06%	0.58%	_	_
NCREIF NFI-ODCE Value Weight	1.16%	(1.43%)	(2.32%)	2.87%	4.01%
Total Plan	(2.51%)	9.55%	3.66%	7.40%	7.11%
Target*	(1.87%)	9.99%	2.37%	6.61%	6.60%

<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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.

<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, 2024. 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, 2024

	Last 10 Years	Last 15 Years	Last 20 Years	Last 30-3/4 Years	
Domestic Equity	11.73%	13.25%	10.36%	-	
Domestic Equity Benchmark**	12.13%	13.25%	9.97%	10.69%	
Large Cap Equity	11.74%	-	-	-	
Boston Partners	10.17%	12.29%	-	-	
Russell 1000 Value Index	8.49%	10.75%	7.89%	9.64%	
SSgA S&P 500	13.12%	-	-	-	
S&P 500 Index	13.10%	13.88%	10.35%	10.83%	
Small Cap Equity	11.61%	-	-	-	
Atlanta Capital	11.61%	-	-	-	
Russell 2000 Index	7.82%	10.33%	7.79%	8.83%	
International Equity	5.36%	5.11%	4.82%	-	
International Benchmark***	4.74%	4.85%	4.52%	4.90%	
International Large Cap	5.41%	-	-	-	
SSgA EAFE	5.55%	-	-	-	
MSCI EAFE Index	5.20%	5.24%	4.81%	5.09%	
International Small Cap					
MSCI EAFE Small Cap Index	5.52%	6.55%	5.78%	-	
Emerging Markets Equity	5.35%	-	-	-	
DFA Emerging Markets	5.35%	-	-	-	
MSCI Emerging Markets Index	3.64%	3.02%	6.01%	-	
Domestic Fixed Income	1.89%	3.43%	4.16%	-	
TCW	1.89%	3.43%	4.16%	-	
Bloomberg Aggregate Index	1.35%	2.37%	3.01%	4.44%	
Real Estate					
NCREIF NFI-ODCE Value Weight	5.89%	8.51%	6.50%	7.96%	
Total Plan	7.19%	8.20%	7.28%	8.65%	
Target*	6.86%	7.65%	6.55%	7.49%	

<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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.

<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. 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.

	2024	2023	2022	2021	2020
Domestic Equity	18.65%	20.03%	(10.71%)	28.28%	11.16%
Domestic Equity Benchmark**	22.41%	24.55%	(18.54%)	25.93%	18.94%
Large Cap Equity	21.15%	19.32%	(10.60%)	30.18%	11.03%
Boston Partners	17.26%	13.26%	(3.17%)	31.78%	2.99%
Russell 1000 Value Index	14.37%	11.46%	(7.54%)	25.16%	2.80%
SSgA S&P 500	24.98%	26.29%	(18.10%)	28.70%	18.36%
S&P 500 Index	25.02%	26.29%	(18.11%)	28.71%	18.40%
Small Cap Equity	9.02%	22.65%	(11.15%)	21.00%	11.67%
Atlanta Capital	9.02%	22.65%	(11.15%)	21.00%	11.67%
Russell 2000 Index	11.54%	16.93%	(20.44%)	14.82%	19.96%
International Equity	6.36%	16.93%	(11.13%)	7.20%	8.49%
International Benchmark***	4.44%	15.23%	(17.10%)	7.67%	11.39%
International Large Cap	4.03%	16.16%	(9.11%)	9.34%	5.71%
SSgA EAFE	4.06%	18.60%	(14.08%)	11.52%	8.27%
Pyrford	4.01%	14.97%	(6.49%)	8.22%	4.09%
MSCI EAFE Index	3.82%	18.24%	(14.45%)	11.26%	7.82%
International Small Cap	10.93%	20.18%	(10.52%)	3.46%	7.36%
AQR .	10.93%	20.18%	(10.52%)	3.46%	7.36%
MSCI EAFE Small Cap Index	1.82%	13.16%	(21.39%)	10.10%	12.34%
Emerging Markets Equity	7.74%	15.91%	(16.06%)	6.25%	14.40%
DFA Emerging Markets	7.74%	15.91%	(16.06%)	6.25%	14.40%
MSCI Emerging Markets Index	7.50%	9.83%	(20.09%)	(2.54%)	18.31%
Domestic Fixed Income	1.32%	6.24%	(13.48%)	(0.46%)	9.85%
TCW	1.32%	6.24%	(13.48%)	(0.46%)	9.85%
Bloomberg Aggregate Index	1.25%	5.53%	(13.01%)	(1.54%)	7.51%
Real Estate	(1.11%)	(10.55%)	8.39%	-	-
Clarion Lion Fund	(2.34%)	(15.71%)	9.69%	-	-
Morgan Stanley	0.06%	(4.98%)	7.02%	-	-
NCREIF NFI-ODCE Value Weight	(1.43%)	(12.02%)	7.47%	22.17%	1.19%
Total Plan	9.55%	12.72%	(9.79%)	15.12%	11.42%
Target*	9.99%	13.45%	(14.03%)	12.81%	13.82%

<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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small. 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> 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, 2024. 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.

	2019	2018	2017	2016	2015
Domestic Equity	27.71%	(4.64%)	19.78%	14.58%	0.06%
Domestic Equity Benchmark**	30.32%	(5.69%)	20.41%	13.85%	0.26%
Large Cap Equity	27.77%	(6.33%)	21.10%	13.38%	(1.17%)
Boston Partners	23.91%	(8.27%)	20.32%	14.71%	(3.75%)
Russell 1000 Value Index	26.54%	(8.27%)	13.66%	17.34%	(3.83%)
SSgA S&P 500	31.50%	(4.39%)	21.86%	12.03%	1.46%
S&P 500 Index	31.49%	(4.38%)	21.83%	11.96%	1.38%
Small Cap Equity	27.38%	1.78%	15.01%	19.17%	5.14%
Atlanta Capital	27.38%	1.78%	15.01%	19.17%	5.14%
Russell 2000 Index	25.52%	(11.01%)	14.65%	21.31%	(4.41%)
International Equity	20.83%	(13.93%)	28.25%	2.55%	(4.17%)
International Benchmark***	21.78%	(14.76%)	29.51%	3.26%	(4.30%)
International Large Cap	22.34%	(11.25%)	22.63%	1.35%	(1.17%)
SSgA EAFE	22.49%	(13.49%)	25.47%	1.37%	(0.56%)
Pyrford	22.30%	(10.31%)	-	-	· -
MSCI EAFE Index	22.01%	(13.79%)	25.03%	1.00%	(0.81%)
International Small Cap	21.73%	(19.94%)	33.76%	-	-
AQR	21.73%	(19.94%)	33.76%	-	-
MSCI EAFE Small Cap Index	24.96%	(17.89%)	33.01%	2.18%	9.59%
Emerging Markets Equity	16.64%	(14.80%)	37.32%	12.99%	(14.33%)
DFA Emerging Markets	16.64%	(14.80%)	37.32%	12.99%	(14.33%)
MSCI Emerging Markets Index	18.44%	(14.57%)	37.28%	11.19%	(14.92%)
Domestic Fixed Income	9.41%	0.75%	3.89%	2.87%	0.51%
TCW	9.41%	0.75%	3.89%	2.87%	0.51%
Bloomberg Aggregate Index	8.72%	0.01%	3.54%	2.65%	0.55%
NCREIF NFI-ODCE Value Weight	5.34%	8.50%	7.62%	8.77%	15.02%
Total Plan	19.25%	(5.05%)	16.14%	7.65%	(0.97%)
Target*	20.58%	(5.82%)	16.39%	7.40%	(0.71%)

<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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small. 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> 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, 2024. 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, 2024

			Last	Last	Last
	Last	Last	3	5	7
	Quarter	Year	Years	Years	Years
Net of Fee Returns					
Domestic Equity	0.45%	18.22%	7.92%	12.22%	11.57%
Domestic Equity Benchmark**	2.04%	22.41%	7.49%	13.22%	12.54%
Large Cap Equity	0.81%	20.82%	8.61%	13.00%	11.88%
Boston Partners	(0.83%)	16.68%	8.18%	11.23%	9.73%
Russell 1000 Value Index	(1.98%)	14.37%	5.63%	8.68%	8.41%
SSgA S&P 500	2.40%	24.93%	8.88%	14.46%	13.77%
S&P 500 Index	2.41%	25.02%	8.94%	14.53%	13.83%
Small Cap Equity	(1.07%)	8.16%	5.07%	9.10%	10.20%
Atlanta Capital	(1.07%)	8.16%	5.07%	9.10%	10.20%
Russell 2000 Index	0.33%	11.54%	1.24%	7.40%	6.91%
nternational Equity	(7.78%)	5.79%	2.86%	4.58%	3.66%
International Equity Benchmark***	(8.12%)	4.44%	(0.08%)	3.65%	3.15%
nternational Large Cap	(8.56%)	3.54%	2.72%	4.40%	4.20%
SSgA EAFE	(8.10%)	3.96%	1.87%	4.96%	4.35%
Pyrford	(8.79%)	3.33%	3.16%	4.06%	4.05%
MSCI EAFE Index	(8.11%)	3.82%	1.65%	4.73%	4.10%
nternational Small Cap	(6.79%)	10.00%	5.16%	4.89%	2.83%
AQR	(6.79%)	10.00%	5.16%	4.89%	2.83%
MSCI EAFE Small Cap Index	(8.36%)	1.82%	(3.25%)	2.30%	2.01%
Emerging Markets Equity	(6.87%)	7.32%	1.18%	4.54%	2.97%
DFA Emerging Markets	(6.87%)	7.32%	1.18%	4.54%	2.97%
MSCI Emerging Markets Index	(8.01%)	7.50%	(1.92%)	1.70%	1.38%
Domestic Fixed Income	(3.57%)	1.05%	(2.59%)	0.10%	1.40%
TCW	(3.57%)	1.05%	(2.59%)	0.10%	1.40%
Bloomberg Aggregate Index	(3.06%)	1.25%	(2.41%)	(0.33%)	0.97%
Real Estate	1.06%	(2.06%)	(2.35%)	-	-
Clarion Lion Fund	1.63%	(3.41%)	(4.41%)	-	-
Morgan Stanley	0.54%	(0.77%)	(0.26%)	-	-
NCREIF NFI-ODCE Value Weight	1.16%	(1.43%)	(2.32%)	2.87%	4.01%
Total Plan	(2.62%)	9.08%	3.20%	6.94%	6.67%
Target*	(1.87%)	9.99%	2.37%	6.61%	6.60%

<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 = 32.0% S&P 500 Index, 25.0% Blmbg:Aggregate, 14.0% MSCI EAFE, 10.0% NCREIF NFI-ODCE Val Wt Gr, 8.0% Russell 2000 Index, 6.0% MSCI EM and 5.0% MSCI EAFE Small.

<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, 2024

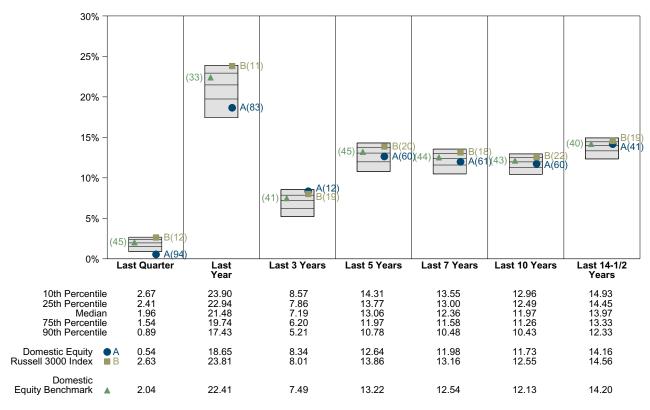
#### **Investment Philosophy**

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.

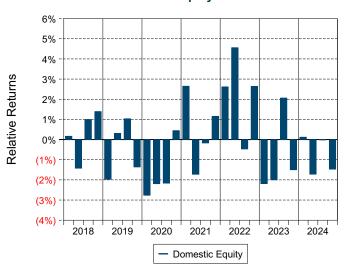
#### **Quarterly Summary and Highlights**

- Domestic Equity's portfolio posted a 0.54% return for the quarter placing it in the 94 percentile of the Fund Spnsor -Domestic Equity group for the quarter and in the 83 percentile for the last year.
- Domestic Equity's portfolio underperformed the Domestic Equity Benchmark by 1.50% for the quarter and underperformed the Domestic Equity Benchmark for the year by 3.75%.

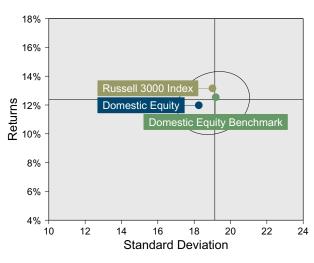
## Performance vs Fund Spnsor - Domestic Equity (Gross)



### Relative Returns vs Domestic Equity Benchmark



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



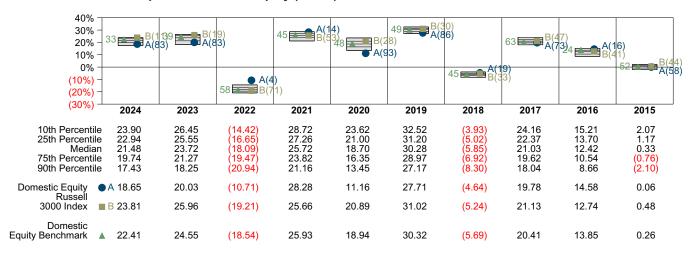


## Domestic Equity Return Analysis Summary

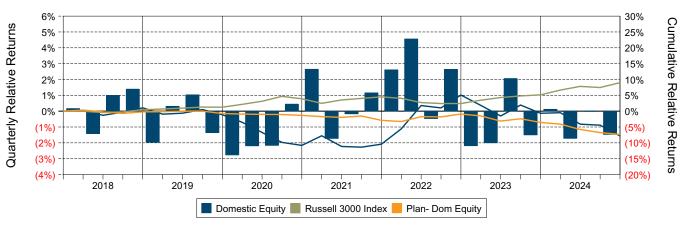
#### **Return Analysis**

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.

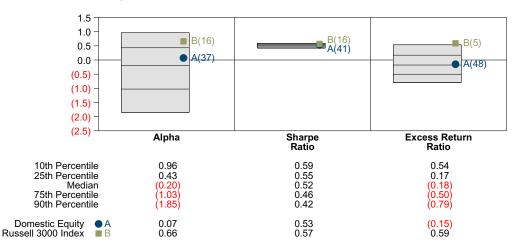
### Performance vs Fund Spnsor - Domestic Equity (Gross)



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



Risk Adjusted Return Measures vs Domestic Equity Benchmark Rankings Against Fund Spnsor - Domestic Equity (Gross) Seven Years Ended December 31, 2024

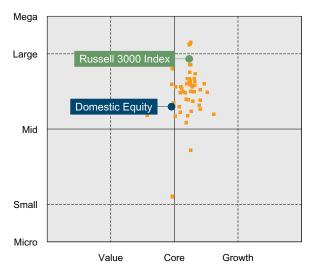




## Current Holdings Based Style Analysis Domestic Equity As of December 31, 2024

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.

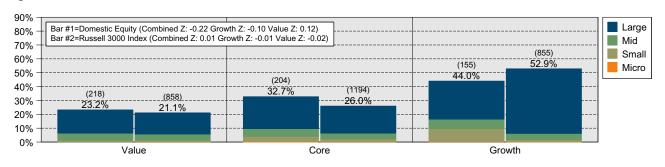
## Style Map vs Plan- Dom Equity Holdings as of December 31, 2024



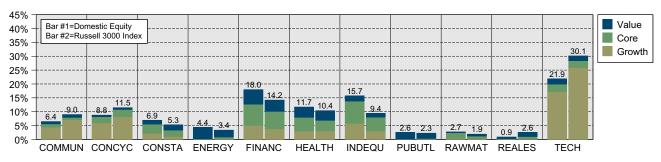
## Style Exposure Matrix Holdings as of December 31, 2024

	16.9% (97)	23.2% (99)	27.5% (77)	67.5% (273)
Large				
	15.4% (97)	19.6% (100)	46.8% (93)	81.8% (290)
	5.2% (116)	5.6% (86)	6.9% (50)	17.7% (252)
Mid				
	4.5% (171)	4.3% (192)	4.4% (219)	13.2% (582)
	1.2% (5)	3.6% (17)	9.4% (26)	14.2% (48)
Small				
	1.0% (268)	2.0% (523)	1.6% (371)	4.6% (1162)
	0.0% (0)	0.4% (2)	0.2% (2)	0.6% (4)
Micro				
	0.2% (322)	0.2% (379)	0.1% (172)	0.5% (873)
	23.2% (218)	32.7% (204)	44.0% (155)	100.0% (577)
Total				
	21.1% (858)	26.0% (1194)	52.9% (855)	100.0% (2907)
	Value	Core	Growth	Total

## Combined Z-Score Style Distribution Holdings as of December 31, 2024



## Sector Weights Distribution Holdings as of December 31, 2024



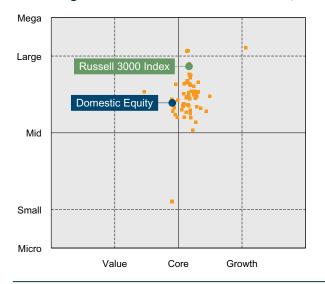


## Historical Holdings Based Style Analysis Domestic Equity For Five Years Ended December 31, 2024

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.

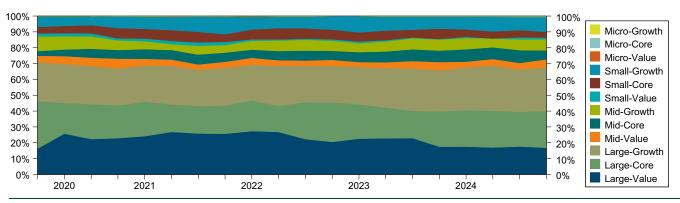
## Average Style Map vs Plan- Dom Equity Holdings for Five Years Ended December 31, 2024



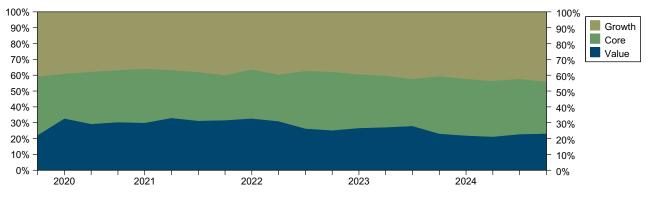


	22.1% (96)	21.1% (96)	24.8% (85)	68.0% (277)
Large	22.170 (90)	21.170 (90)	24.070 (03)	00.070 (277)
Large	40 =0/		40.00/	
	18.5% (96)	20.5% (97)	40.0% (103)	<b>79.0%</b> (296)
	4.2% (106)	6.1% (84)	6.4% (56)	16.7% (246)
Mid				
	4.6% (163)	5.0% (207)	5.3% (222)	<b>14.9%</b> (592)
	1.2% (9)	5.6% (21)	8.1% (24)	14.9% (54)
Small				
	1.4% (293)	2.2% (508)	1.9% (384)	<b>5.5%</b> (1185)
	0.0% (0)	0.2% (1)	0.2% (1)	0.4% (2)
Micro				
	0.2% (316)	0.3% (415)	0.1% (157)	0.6% (888)
	27.5% (211)	33.0% (202)	39.5% (166)	100.0% (579)
Total				
	24.6% (868)	28.0% (1227)	47.4% (866)	<b>100.0%</b> (2961)
	Value	Core	Growth	Total

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



**Domestic Equity Historical Style Only Exposures** 



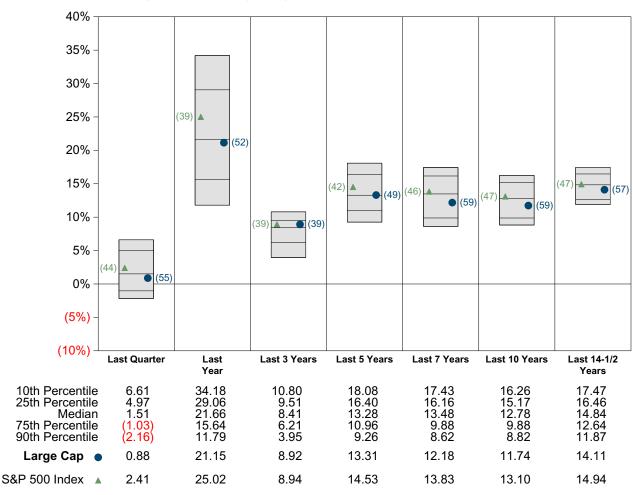


## Large Cap Period Ended December 31, 2024

### **Quarterly Summary and Highlights**

- Large Cap's portfolio posted a 0.88% return for the quarter placing it in the 55 percentile of the Callan Large Capitalization group for the quarter and in the 52 percentile for the last year.
- Large Cap's portfolio underperformed the S&P 500 Index by 1.53% for the quarter and underperformed the S&P 500 Index for the year by 3.87%.

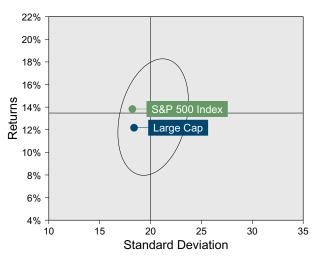
## Performance vs Callan Large Capitalization (Gross)



#### Relative Return vs S&P 500 Index

## 6% 4% 2% Relative Returns 0% (2%)(4%)(6%)(8%)2018 2019 2020 2021 2022 2023 2024 Large Cap

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



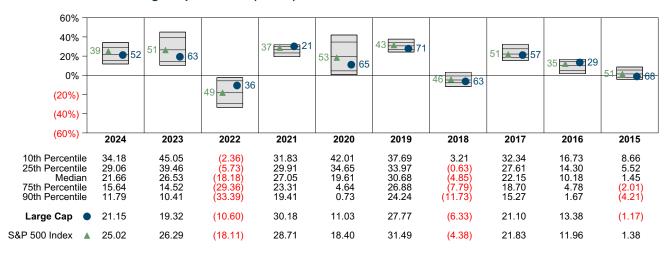


## Large Cap Return Analysis Summary

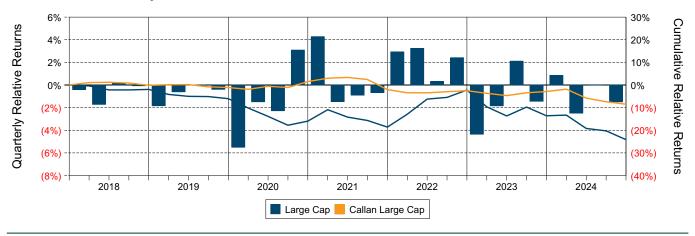
#### **Return Analysis**

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.

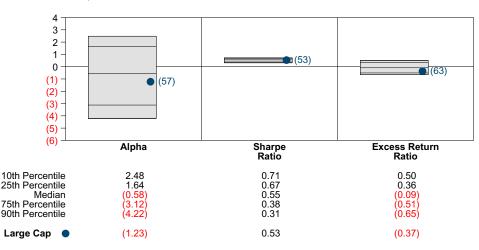
### Performance vs Callan Large Capitalization (Gross)



## Cumulative and Quarterly Relative Returns 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, 2024

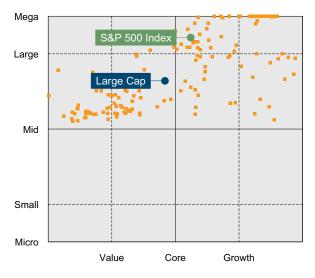




## Current Holdings Based Style Analysis Large Cap As of December 31, 2024

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.

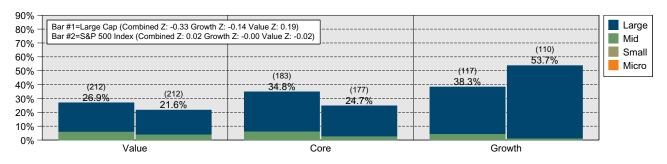
## Style Map vs Callan Large Cap Holdings as of December 31, 2024



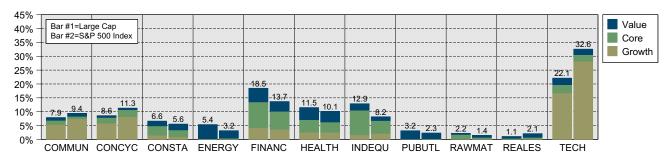
## Style Exposure Matrix Holdings as of December 31, 2024

	Value	Core	Growth	Total
	21.6% (212)	24.7% (177)	53.7% (110)	100.0% (499)
Total	26.9% (212)	34.8% (183)	38.3% (117)	100.0% (512)
	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)
Small	0.070 (0)	0.070 (0)	0.0 % (0)	0.0 % (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
IVIIU	4.2% (115)	2.8% (80)	1.4% (35)	8.4% (230)
Mid	6.2% (115)	6.3% (84)	4.5% (40)	17.0% (239)
	17.5% (97)	21.9% (97)	52.3% (75)	91.6% (269)
Large	20.7% (97)	28.5% (99)	33.8% (77)	83.0% (273)
	20.70/ (27)	20 50/ (20)	22.00/ (77)	02.00/ (070)

## Combined Z-Score Style Distribution Holdings as of December 31, 2024



## Sector Weights Distribution Holdings as of December 31, 2024

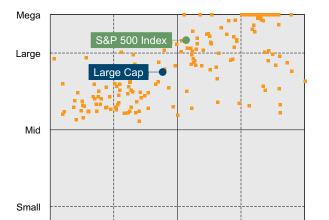




## Historical Holdings Based Style Analysis Large Cap For Five Years Ended December 31, 2024

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.

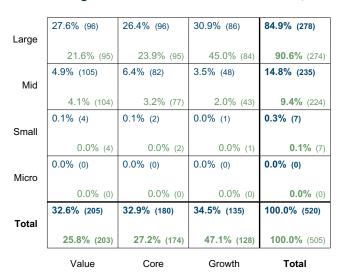
## Average Style Map vs Callan Large Cap Holdings for Five Years Ended December 31, 2024



Core

Growth

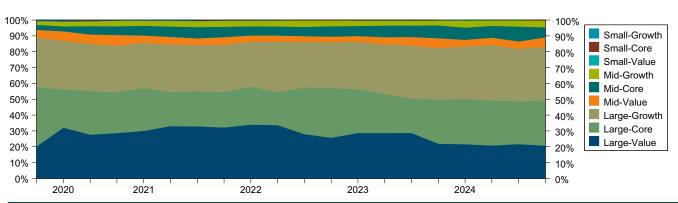
### Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2024



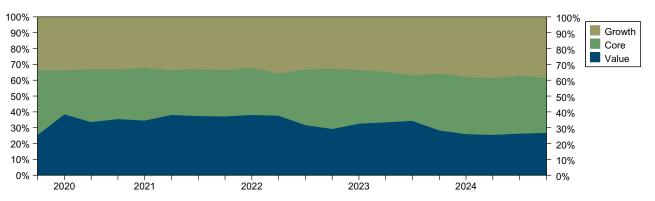
Large Cap Historical Cap/Style Exposures

Value

Micro



Large Cap Historical Style Only Exposures





## SSgA S&P 500 Period Ended December 31, 2024

#### **Investment Philosophy**

Returns prior to 6/30/2012 are linked to a composite history.

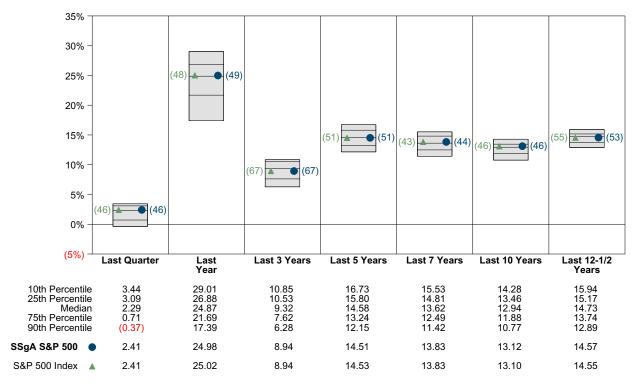
#### **Quarterly Summary and Highlights**

- SSgA S&P 500's portfolio posted a 2.41% return for the quarter placing it in the 46 percentile of the Callan Large Cap Core group for the quarter and in the 49 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 0.04%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$78,142,532
Net New Investment	\$-657,997
Investment Gains/(Losses)	\$1,884,612
Ending Market Value	\$79,369,147

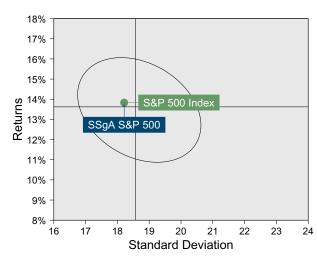
## Performance vs Callan Large Cap Core (Gross)



## Relative Return vs S&P 500 Index



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



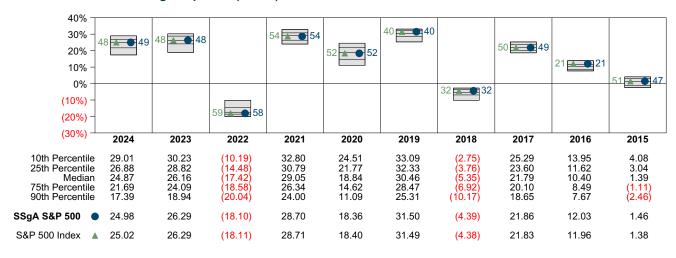


## SSgA S&P 500 Return Analysis Summary

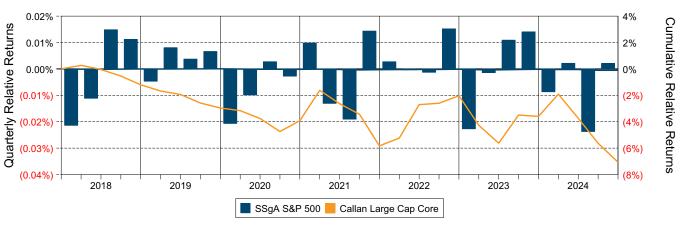
#### **Return Analysis**

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.

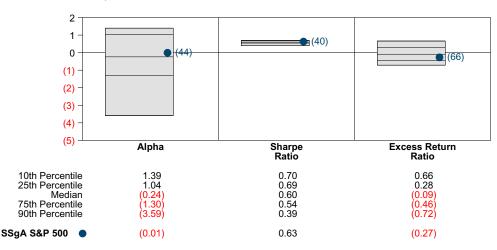
### Performance vs Callan Large Cap Core (Gross)



### Cumulative and Quarterly Relative Returns 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, 2024



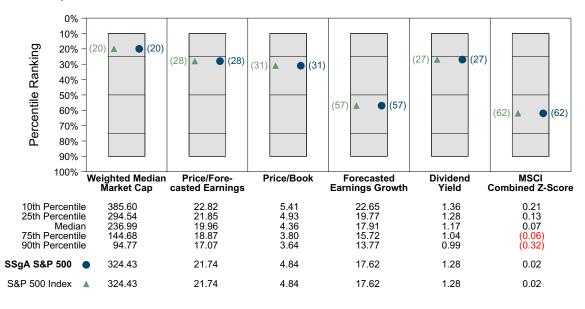


# SSgA S&P 500 Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

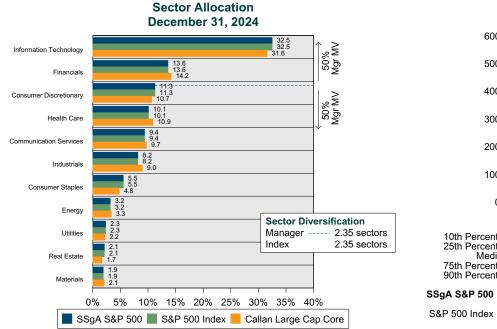
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

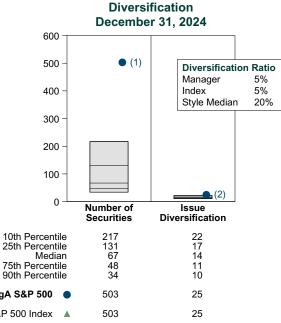
## Portfolio Characteristics Percentile Rankings Rankings Against Callan Large Cap Core as of December 31, 2024



#### **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, 2024

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.

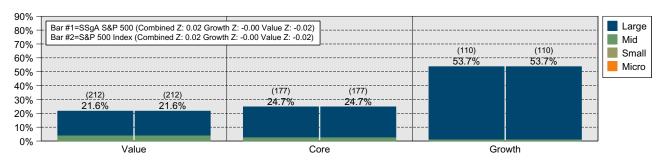
## Style Map vs Callan Large Cap Core Holdings as of December 31, 2024



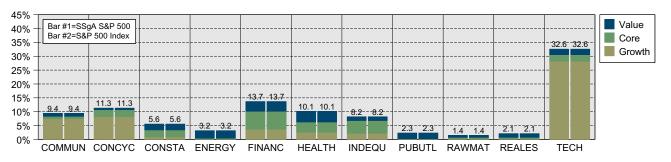
## Style Exposure Matrix Holdings as of December 31, 2024

Large	47.50/	04.00/	50.00/	0.4.00/
	17.5% (97)	21.9% (97)	52.3% (75)	91.6% (269)
	4.2% (115)	2.8% (80)	1.4% (35)	8.4% (230)
Mid				
	4.2% (115)	2.8% (80)	1.4% (35)	8.4% (230)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Small				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	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)
Micro	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	, ,	, ,	, ,	, ,
Micro <b>Total</b>	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, 2024



## Sector Weights Distribution Holdings as of December 31, 2024





# Boston Partners Period Ended December 31, 2024

### **Investment Philosophy**

Boston Partners was funded 6/27/05. The first full guarter for this portfolio is 3rd quarter 2005.

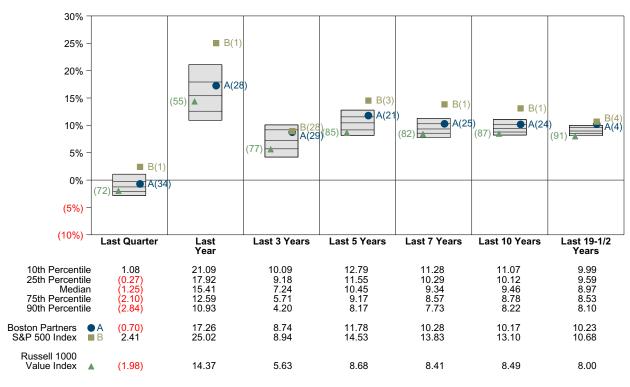
## **Quarterly Summary and Highlights**

- Boston Partners's portfolio posted a (0.70)% return for the quarter placing it in the 34 percentile of the Callan Large Cap Value group for the quarter and in the 28 percentile for the last year.
- Boston Partners's portfolio outperformed the Russell 1000 Value Index by 1.28% for the quarter and outperformed the Russell 1000 Value Index for the year by 2.89%.

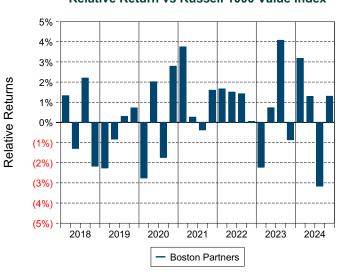
### **Quarterly Asset Growth**

Beginning Market Value	\$74,843,522
Net New Investment	\$0
Investment Gains/(Losses)	\$-527,506
Ending Market Value	\$74 316 016

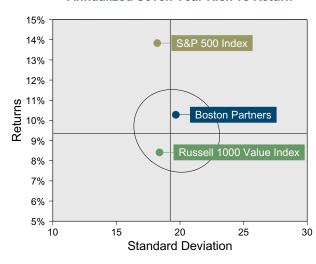
## Performance vs Callan Large Cap Value (Gross)



## Relative Return vs Russell 1000 Value Index



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



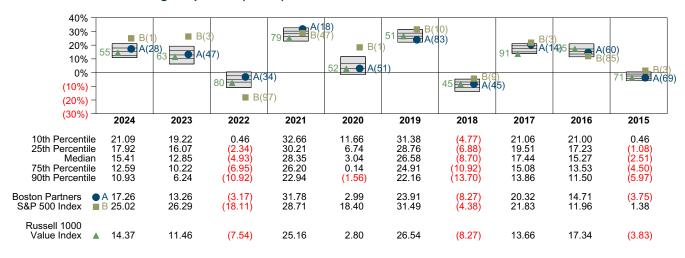


## Boston Partners Return Analysis Summary

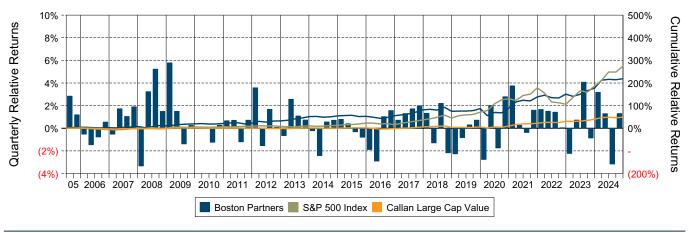
#### **Return Analysis**

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.

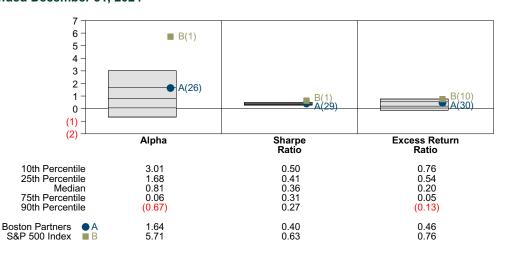
### Performance vs Callan Large Cap Value (Gross)



### Cumulative and Quarterly Relative Returns 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, 2024



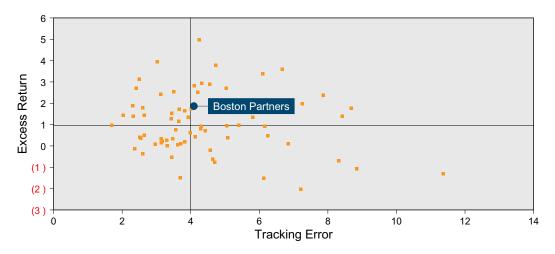


# **Boston Partners Risk Analysis Summary**

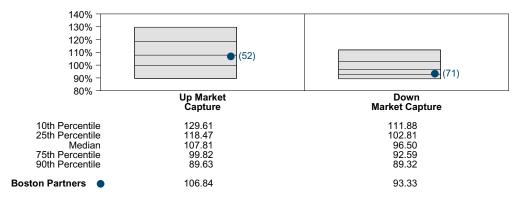
#### **Risk Analysis**

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.

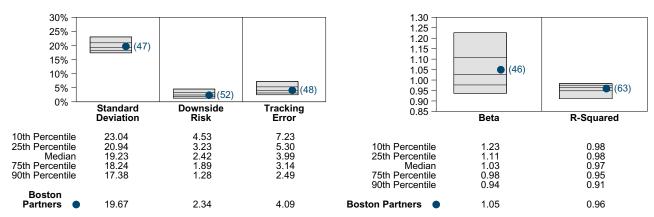
## Risk Analysis vs Callan Large Cap Value (Gross) Seven Years Ended December 31, 2024



Market Capture vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended December 31, 2024



Risk Statistics Rankings vs Russell 1000 Value Index Rankings Against Callan Large Cap Value (Gross) Seven Years Ended December 31, 2024



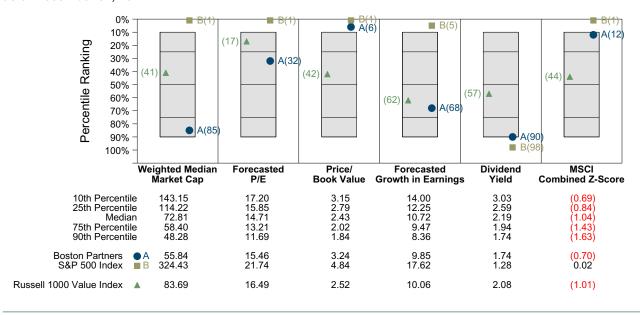


# Boston Partners Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

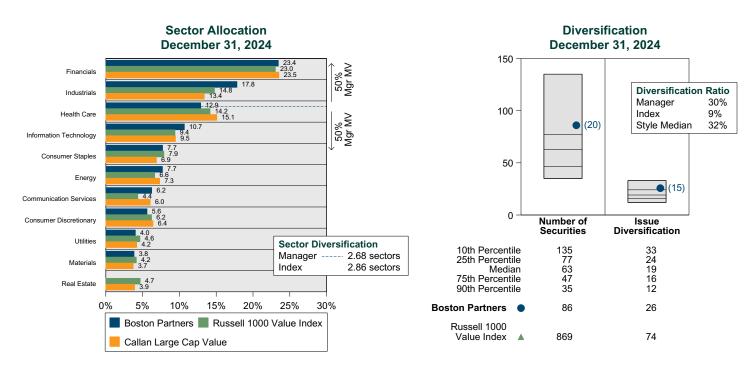
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Large Cap Value as of December 31, 2024



#### **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.

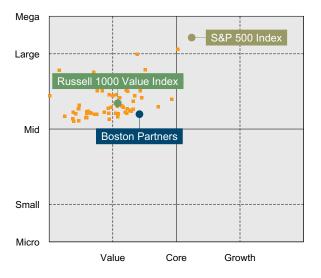




## Current Holdings Based Style Analysis Boston Partners As of December 31, 2024

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.

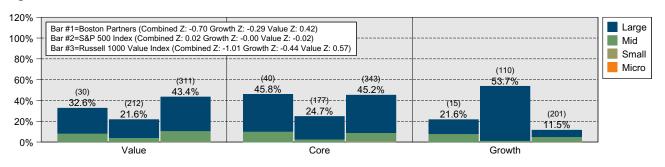
# Style Map vs Callan Large Cap Value Holdings as of December 31, 2024



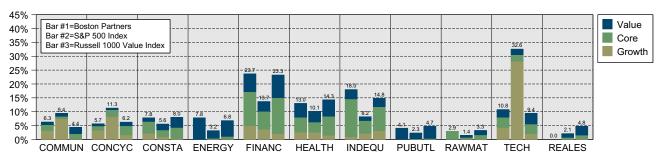
## Style Exposure Matrix Holdings as of December 31, 2024

	43.4% (311)	<b>45.2</b> % (343)	11.5% (201)	100.0% (855)
Total	21.6% (212)	24.7% (177)	53.7% (110)	100.0% (499)
	32.6% (30)	45.8% (40)	21.6% (15)	100.0% (85)
	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)
	0.6% (48)	0.9% (76)	0.4% (32)	1.9% (156)
Small	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	10.2% (167)	8.1% (172)	4.7% (131)	23.0% (470)
Mid	4.2% (115)	2.8% (80)	1.4% (35)	8.4% (230)
	8.3% (9)	10.2% (13)	7.9% (6)	26.4% (28)
	32.6% (96)	36.1% (95)	6.4% (38)	75.1% (229)
Large	17.5% (97)	21.9% (97)	52.3% (75)	91.6% (269)
	24.3% (21)	35.6% (27)	13.6% (9)	73.6% (57)

## Combined Z-Score Style Distribution Holdings as of December 31, 2024



## Sector Weights Distribution Holdings as of December 31, 2024



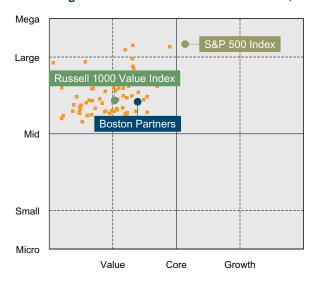


## **Historical Holdings Based Style Analysis Boston Partners** For Five Years Ended December 31, 2024

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.

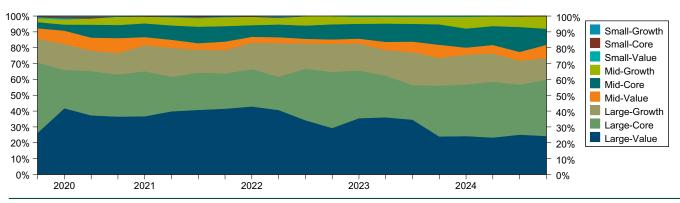
## Average Style Map vs Callan Large Cap Value Holdings for Five Years Ended December 31, 2024

## **Average Style Exposure Matrix** Holdings for Five Years Ended December 31, 2024

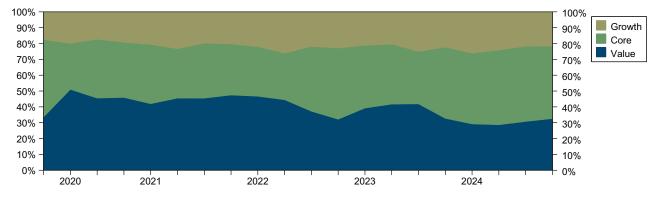


	Value	Core	Growth	Total
	48.3% (308)	38.5% (331)	13.1% (197)	100.0% (836)
Total	25.8% (203)	27.2% (174)	47.1% (128)	100.0% (505)
	39.7% (31)	38.6% (37)	21.6% (19)	100.0% (87)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Micro	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	0.9% (55)	1.0% (66)	0.4% (36)	<b>2.3%</b> (157)
Small	0.0% (4)	0.0% (2)	0.0% (1)	0.1% (7)
	0.3% (1)	0.3% (1)	0.1% (0)	0.6% (2)
	9.6% (158)	8.4% (179)	4.0% (116)	<b>22.0%</b> (453)
Mid	4.1% (104)	3.2% (77)	2.0% (43)	9.4% (224)
	5.7% (8)	9.5% (13)	5.1% (7)	20.2% (28)
	37.8% (95)	29.2% (86)	8.7% (45)	<b>75.7%</b> (226)
Large	21.6% (95)	23.9% (95)	45.0% (84)	90.6% (274)
	33.8% (22)	28.9% (23)	16.5% (12)	79.1% (57)

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



**Boston Partners Historical Style Only Exposures** 





# Atlanta Capital Period Ended December 31, 2024

#### **Investment Philosophy**

Returns prior to 6/30/2010 are linked to a composite history.

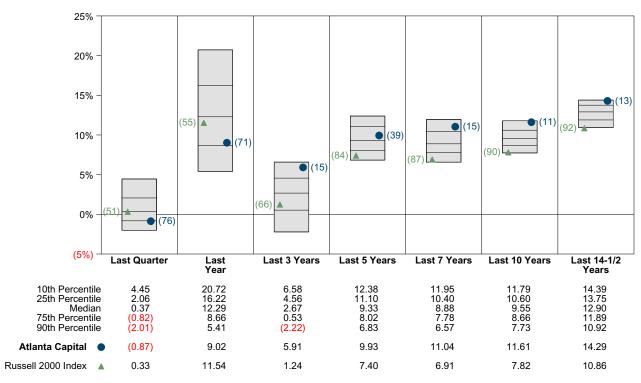
### **Quarterly Summary and Highlights**

- Atlanta Capital's portfolio posted a (0.87)% return for the quarter placing it in the 76 percentile of the Callan Small Capitalization group for the quarter and in the 71 percentile for the last year.
- Atlanta Capital's portfolio underperformed the Russell 2000 Index by 1.20% for the quarter and underperformed the Russell 2000 Index for the year by 2.52%.

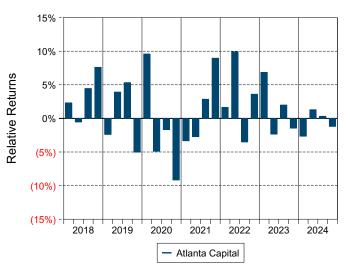
### **Quarterly Asset Growth**

Beginning Market Value	\$36,537,284
Net New Investment	\$0
Investment Gains/(Losses)	\$-317,508
Ending Market Value	\$36 219 776

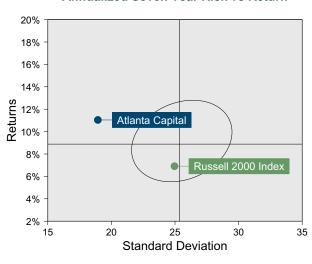
## Performance vs Callan Small Capitalization (Gross)



#### Relative Return vs Russell 2000 Index



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



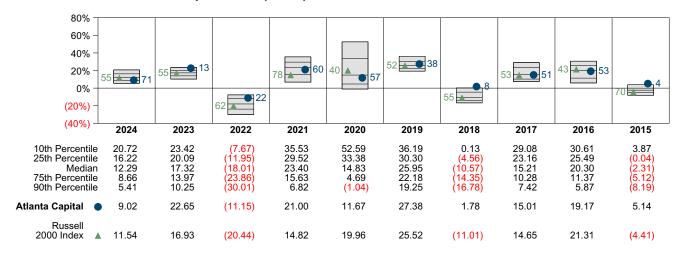


## Atlanta Capital Return Analysis Summary

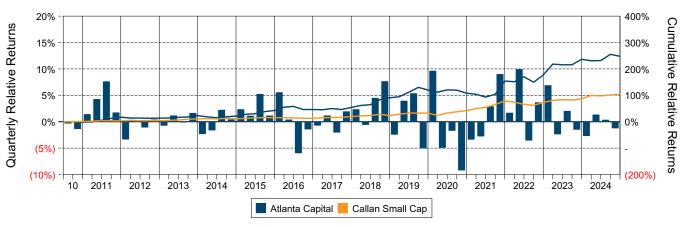
#### **Return Analysis**

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.

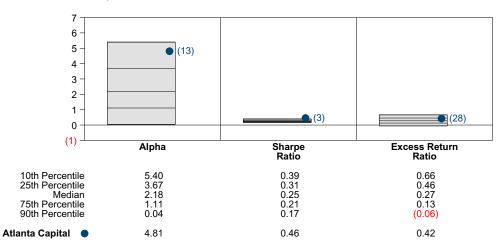
### Performance vs Callan Small Capitalization (Gross)



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



Risk Adjusted Return Measures vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2024



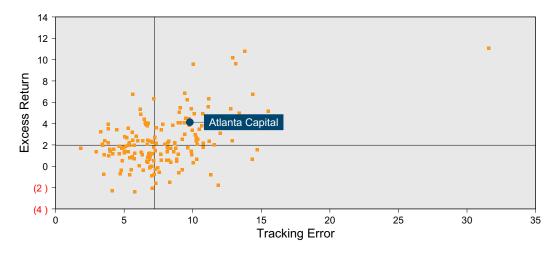


# Atlanta Capital Risk Analysis Summary

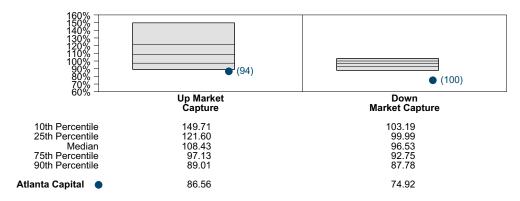
#### **Risk Analysis**

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.

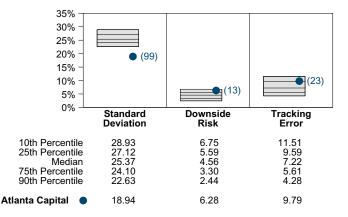
## Risk Analysis vs Callan Small Capitalization (Gross) Seven Years Ended December 31, 2024

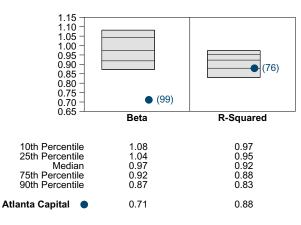


Market Capture vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2024



Risk Statistics Rankings vs Russell 2000 Index Rankings Against Callan Small Capitalization (Gross) Seven Years Ended December 31, 2024





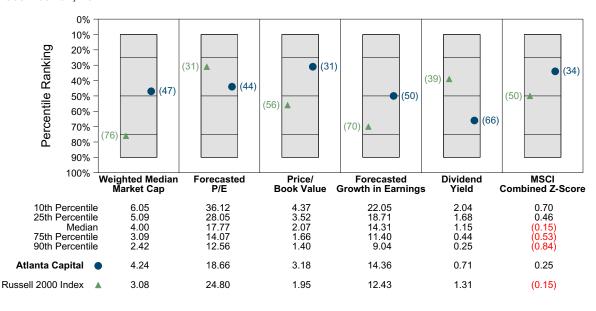


# Atlanta Capital Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

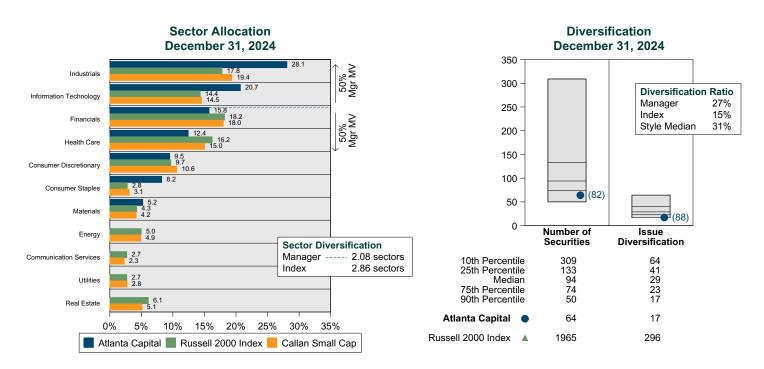
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Small Capitalization as of December 31, 2024



#### **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.

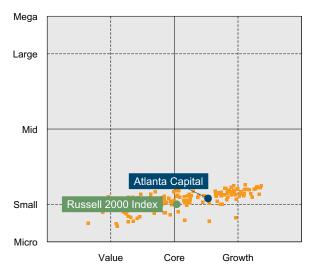




# Current Holdings Based Style Analysis Atlanta Capital As of December 31, 2024

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.

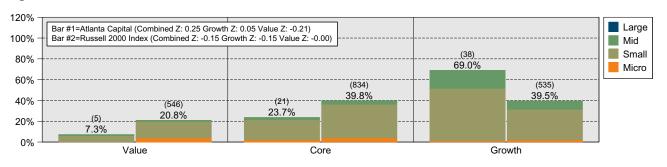
# Style Map vs Callan Small Cap Holdings as of December 31, 2024



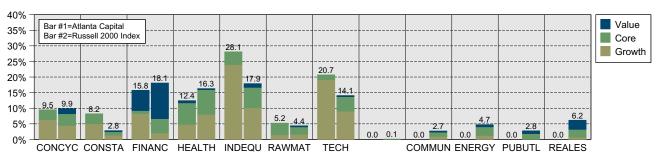
# Style Exposure Matrix Holdings as of December 31, 2024

3.9% (322) 3% (5) 20.8% (546)	2.0% (2) 4.0% (377) 23.7% (21) 39.8% (834)	1.2% (2)  2.1% (172)  69.0% (38)  39.5% (535)	9.9% (871) 100.0% (64) 100.0% (1915)
3.9% (322)	4.0% (377)	2.1% (172)	9.9% (871)
, ,	, ,	, ,	, ,
.0% (0)	2.0% (2)	1.2% (2)	3.1% (4)
.0% (0)	2.0% (2)	1.2% (2)	3.1% (4)
15.8% (220)	32.3% (443)	29.4% (334)	77.5% (997)
.2% (4)	19.4% (17)	50.4% (26)	76.0% (47)
1.0% (4)	3.5% (14)	8.1% (29)	12.6% (47)
.0% (1)	2.4% (2)	17.4% (10)	20.8% (13)
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% (4)	0.0% (0) 0.0% (0) 0.0% (1) 2.4% (2) 1.0% (4) 3.5% (14) 19.4% (17)	0.0% (0) 0.0% (0) 0.0% (0) 0.0% (1) 2.4% (2) 17.4% (10) 1.0% (4) 3.5% (14) 8.1% (29) 0.0% (1) 50.4% (26)

# Combined Z-Score Style Distribution Holdings as of December 31, 2024



# Sector Weights Distribution Holdings as of December 31, 2024



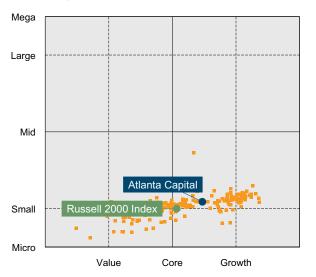


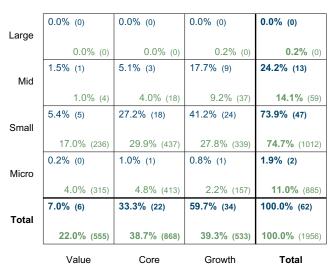
# Historical Holdings Based Style Analysis Atlanta Capital For Five Years Ended December 31, 2024

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.

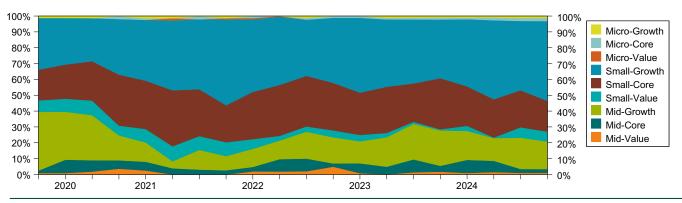
## Average Style Map vs Callan Small Cap Holdings for Five Years Ended December 31, 2024



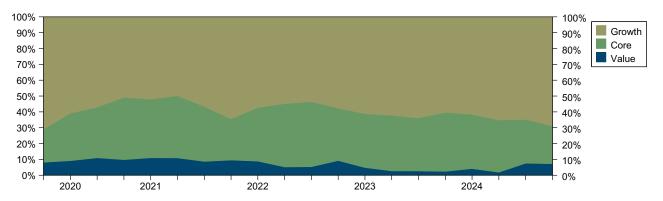




# Atlanta Capital Historical Cap/Style Exposures



**Atlanta Capital Historical Style Only Exposures** 





# International Equity Period Ended December 31, 2024

#### **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.

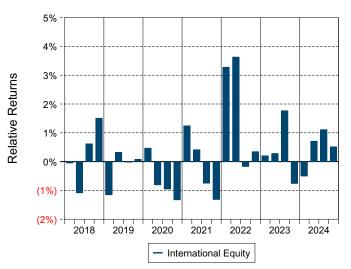
## **Quarterly Summary and Highlights**

- International Equity's portfolio posted a (7.65)% return for the quarter placing it in the 56 percentile of the Callan Non-US Equity group for the quarter and in the 42 percentile for the last year.
- International Equity's portfolio outperformed the International Benchmark by 0.47% for the quarter and outperformed the International Benchmark for the year by 1.91%.

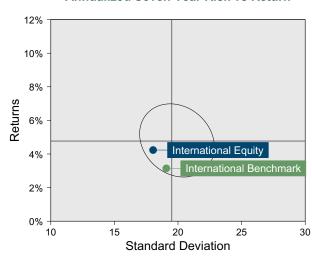
## Performance vs Callan Non-US Equity (Gross)



#### **Relative Return vs International Benchmark**



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



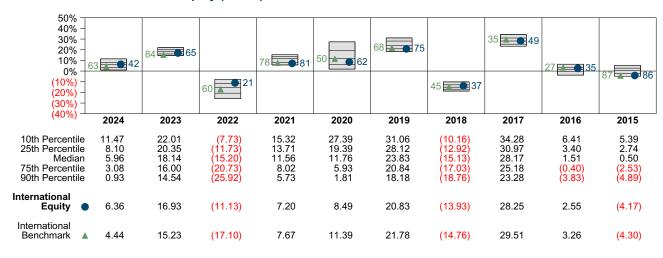


# International Equity Return Analysis Summary

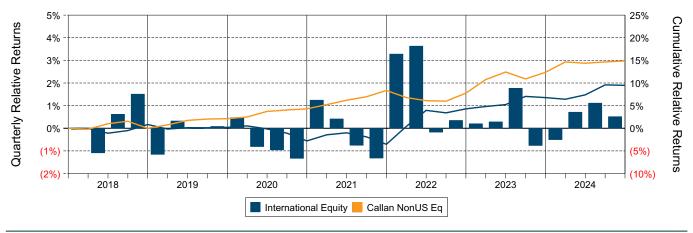
#### **Return Analysis**

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.

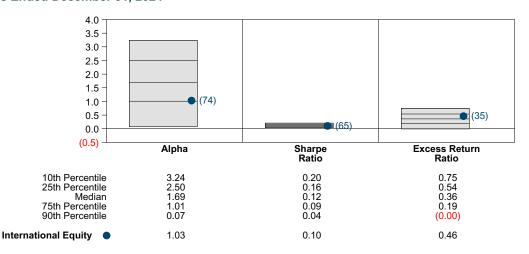
#### Performance vs Callan Non-US Equity (Gross)



#### **Cumulative and Quarterly Relative Returns vs International Benchmark**



Risk Adjusted Return Measures vs International Benchmark Rankings Against Callan Non-US Equity (Gross) Seven Years Ended December 31, 2024

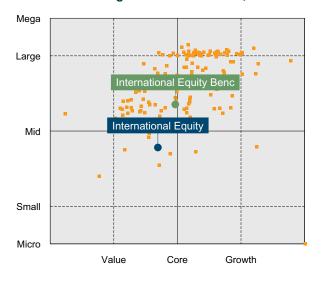




# **Current Holdings Based Style Analysis International Equity** As of December 31, 2024

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.

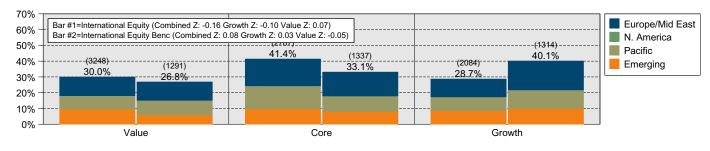
#### Style Map vs Callan NonUS Eq Holdings as of December 31, 2024



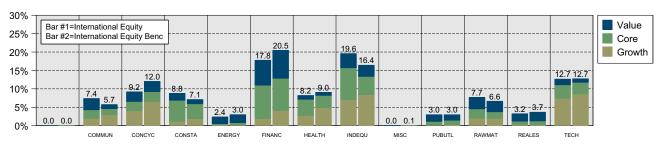
## **Style Exposure Matrix** Holdings as of December 31, 2024

	11.8% (225)	17.0% (203)	11.4% (171)	40.2% (599)
Europe/	, ,	, ,	, ,	, ,
Mid East	11.7% (431)	15.2% (482)	18.3% (428)	<b>45.2</b> % (1341)
	0.0% (2)	0.0% (14)	0.0% (0)	0.1% (16)
N. America				
	0.0% (0)	0.1% (7)	0.0% (1)	0.1% (8)
	8.6% (239)	14.5% (195)	8.8% (159)	31.9% (593)
Pacific				
	9.1% (487)	9.8% (475)	11.6% (430)	30.5% (1392)
	9.6% (2782)	9.8% (2375)	8.5% (1754)	27.9% (6911)
Emerging				
	6.0% (373)	8.0% (373)	10.1% (455)	24.2% (1201)
	30.0% (3248)	41.4% (2787)	28.7% (2084)	100.0% (8119)
Total				
	26.8% (1291)	33.1% (1337)	40.1% (1314)	100.0% (3942)
	Value	Core	Growth	Total

## **Combined Z-Score Style Distribution** Holdings as of December 31, 2024



# **Sector Weights Distribution** Holdings as of December 31, 2024





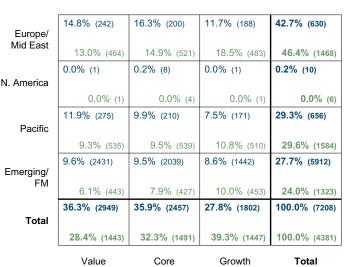
# Historical Holdings Based Style Analysis International Equity For Five Years Ended December 31, 2024

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.

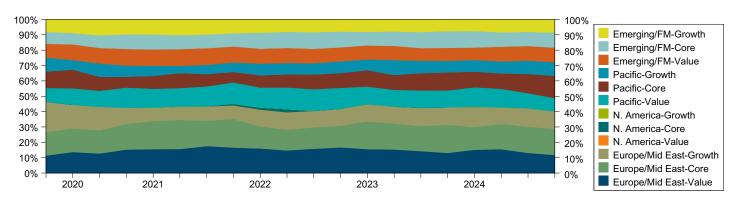
## Average Style Map vs Callan NonUS Eq Holdings for Five Years Ended December 31, 2024

# Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2024

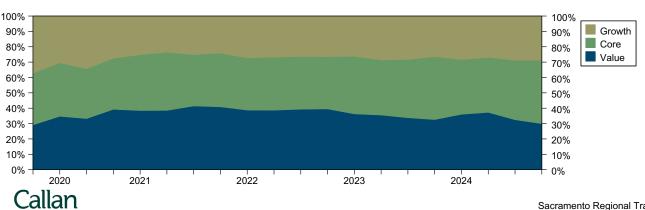




#### International Equity Historical Region/Style Exposures



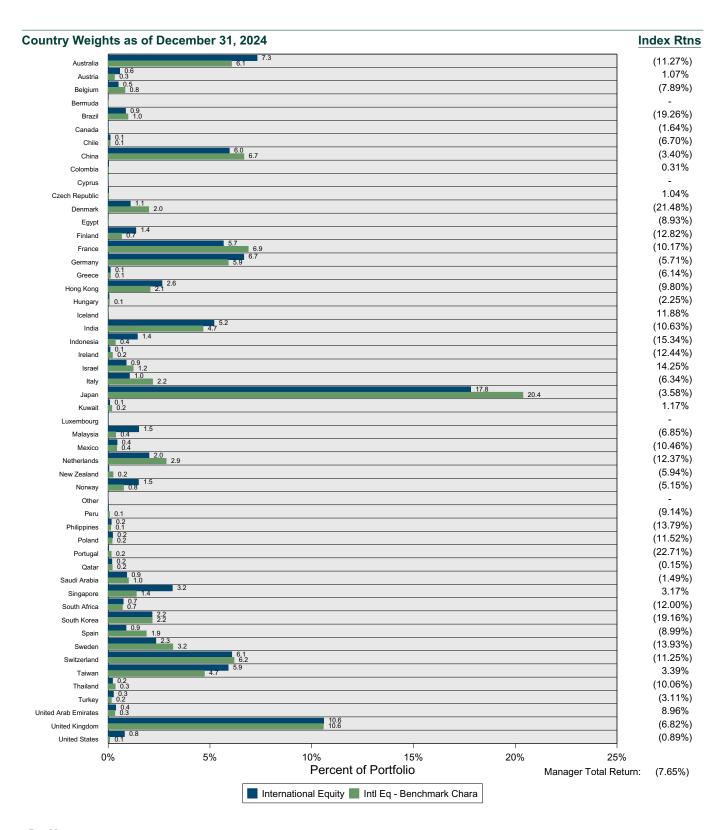
## **International Equity Historical Style Only Exposures**



# 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, 2024. 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, 2024

#### **Investment Philosophy**

Returns prior to 6/30/2012 are linked to a composite history.

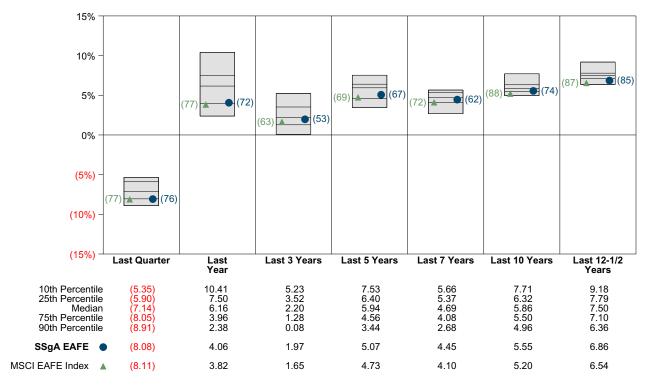
#### **Quarterly Summary and Highlights**

- SSgA EAFE's portfolio posted a (8.08)% return for the quarter placing it in the 76 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 72 percentile for the last year.
- SSgA EAFE's portfolio outperformed the MSCI EAFE Index by 0.03% for the quarter and outperformed the MSCI EAFE Index for the year by 0.24%.

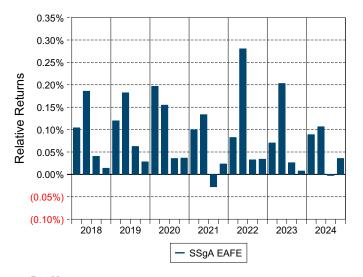
#### **Quarterly Asset Growth**

Beginning Market Value	\$21,398,615
Net New Investment	\$0
Investment Gains/(Losses)	\$-1,729,042
Ending Market Value	\$19.669.574

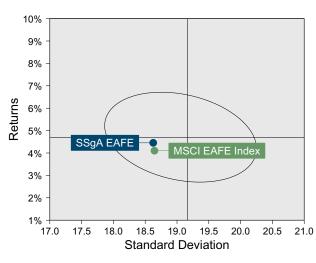
# Performance vs Callan Non-US Developed Core Equity (Gross)



#### **Relative Return vs MSCI EAFE Index**



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



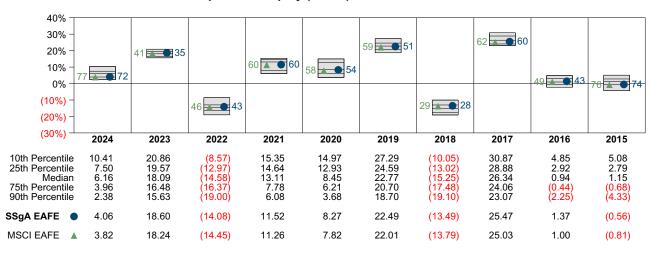


# SSgA EAFE Return Analysis Summary

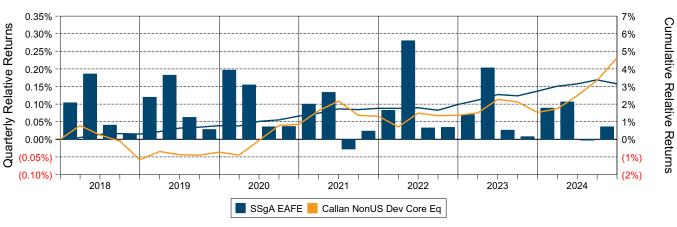
#### **Return Analysis**

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.

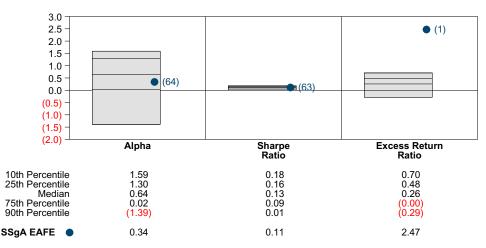
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2024





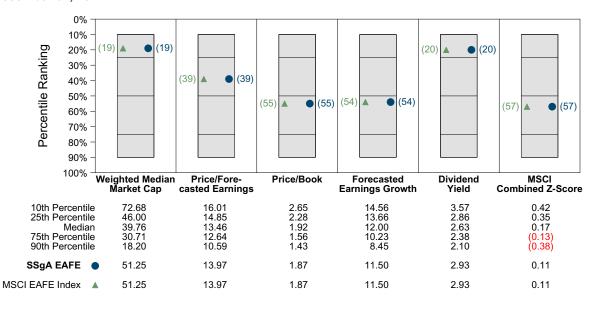
#### SSqA EAFE

# **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

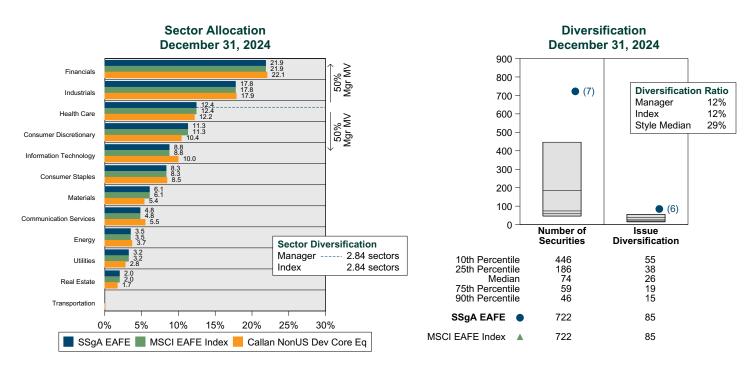
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of December 31, 2024



#### **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, 2024

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.

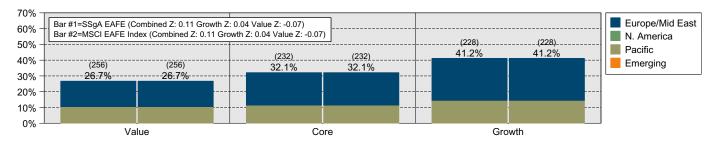
## Style Map vs Callan NonUS Dev Core Eq. Holdings as of December 31, 2024



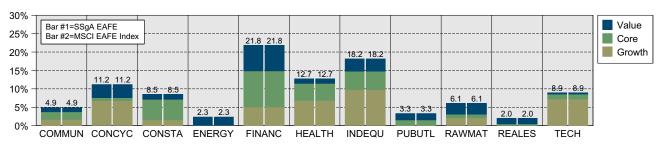
#### **Style Exposure Matrix** Holdings as of December 31, 2024

	Value	Core	Growth	Total
	26.7% (256)	32.1% (232)	41.2% (228)	100.0% (716)
Total				
	26.7% (256)	32.1% (232)	41.2% (228)	100.0% (716)
	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)
	10.5% (113)	11.4% (87)	14.4% (94)	36.3% (294)
Pacific	, ,		, ,	, ,
	10.5% (113)	11.4% (87)	14.4% (94)	36.3% (294)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Europe/ Mid East	16.2% (143)	20.7% (145)	26.7% (134)	63.7% (422)
E	16.2% (143)	20.7% (145)	26.7% (134)	63.7% (422)

## **Combined Z-Score Style Distribution** Holdings as of December 31, 2024



# **Sector Weights Distribution** Holdings as of December 31, 2024

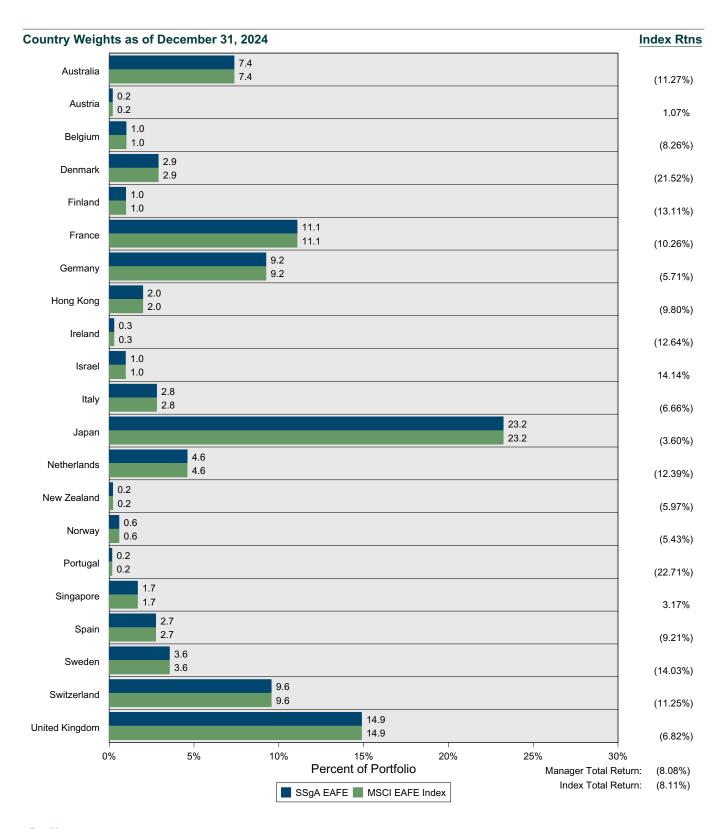




# Country Allocation SSgA EAFE VS MSCI EAFE Index

#### **Country Allocation**

The chart below contrasts the portfolio's country allocation with that of the index as of December 31, 2024. 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, 2024

# 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
Asml Holding N V Asml Rev Stk Spl	Information Technology	\$342,944	1.7%	(15.35)%	280.82	28.32	0.92%	8.50%
Novo-Nordisk A S Almindelig Aktie	Health Care	\$340,895	1.7%	(26.42)%	293.84	22.20	1.59%	22.45%
Sap Se Shs	Information Technology	\$312,029	1.6%	7.35%	300.47	38.32	0.87%	12.05%
Nestle S A Shs Nom New	Consumer Staples	\$264,366	1.3%	(17.96)%	216.48	16.44	4.01%	(0.60)%
Toyota Motor Corp	Consumer Discretionary	\$250,978	1.3%	14.26%	316.18	9.93	2.70%	(1.40)%
Astrazeneca Plc Ord	Health Care	\$248,203	1.3%	(15.66)%	203.25	14.34	2.23%	12.00%
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$241,888	1.2%	(12.11)%	198.07	12.42	3.76%	5.47%
Novartis	Health Care	\$235,578	1.2%	(15.01)%	214.34	12.08	3.72%	11.44%
Lvmh Moet Hennessy Lou Vuitt Ord	Consumer Discretionary	\$221,059	1.1%	(13.58)%	329.25	22.07	2.05%	4.00%
Hsbc Holdings (Gb)	Financials	\$218,652	1.1%	18.63%	176.49	7.75	6.14%	29.40%

## **10 Best Performers**

						Price/		
		Ending Percent			Forecasted			
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Wise Plc	Financials	\$10,862	0.1%	48.22%	13.68	30.69	0.00%	(0.70)%
Global E Online	Consumer Discretionary	\$6,672	0.0%	44.81%	9.11	208.93	0.00%	-
Siemens Energy Ag	Industrials	\$40,738	0.2%	40.56%	41.37	42.46	0.00%	-
Elbit Sys Ltd Ord	Industrials	\$8,524	0.0%	31.89%	11.63	26.57	0.78%	10.26%
Wix Com	Information Technology	\$13,851	0.1%	31.02%	11.76	29.33	0.00%	29.70%
Banco Popolare Societa Coope Shs New	Financials	\$12,723	0.1%	26.65%	12.26	8.28	8.70%	6.86%
Pro Medicus Ltd Shs	Health Care	\$10,869	0.1%	25.29%	16.18	200.08	0.16%	46.09%
Teva Pharmaceutical Inds Ltd Adr	Health Care	\$30,492	0.2%	24.86%	25.23	7.99	0.00%	10.49%
Sa D leteren Act	Consumer Discretionary	\$4,366	0.0%	24.81%	8.94	11.55	2.33%	4.10%
Advantest Corp Ord	Information Technology	\$54,758	0.3%	24.19%	44.84	38.25	0.40%	52.80%

# **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
John David Sports	Consumer Discretionary	\$3,801	0.0%	(41.72)%	6.23	6.63	0.97%	6.00%
Mineral Resources	Materials	\$4,580	0.0%	(41.26)%	4.17	34.94	2.63%	60.20%
Lasertec	Information Technology	\$9,456	0.0%	(41.01)%	9.11	16.56	1.51%	57.09%
Bayer A G Namen -Akt	Health Care	\$23,994	0.1%	(40.81)%	19.66	4.17	0.56%	(10.00)%
Edp Renovaveis	Utilities	\$3,961	0.0%	(40.70)%	10.81	22.50	1.97%	18.09%
Carl Zeiss Meditec Ag Akt	Health Care	\$2,317	0.0%	(39.61)%	4.25	20.68	2.40%	14.31%
Kokusai Electric	Information Technology	\$2,557	0.0%	(38.57)%	3.23	13.36	1.35%	-
Vestas Wind Sys As Shs	Industrials	\$16,796	0.1%	(38.47)%	13.75	14.20	0.00%	(27.19)%
Toto Limited Ord	Industrials	\$4,186	0.0%	(35.11)%	4.28	17.27	2.63%	17.17%
Shiseido Co Ltd Ord	Consumer Staples	\$8,661	0.0%	(33.85)%	7.09	37.09	2.15%	25.85%



# Pyrford Period Ended December 31, 2024

#### **Investment Philosophy**

Returns prior to 6/30/2017 are linked to a composite history.

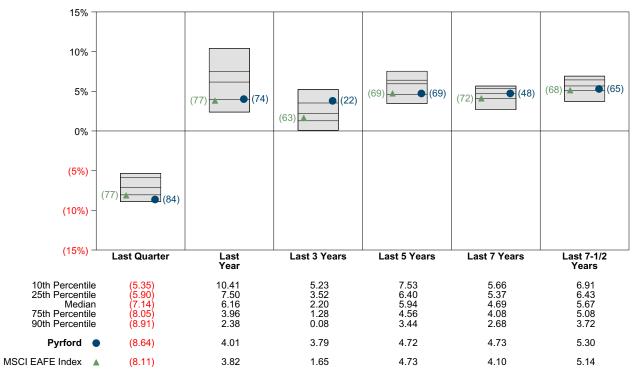
#### **Quarterly Summary and Highlights**

- Pyrford's portfolio posted a (8.64)% return for the quarter placing it in the 84 percentile of the Callan Non-US Developed Core Equity group for the quarter and in the 74 percentile for the last year.
- Pyrford's portfolio underperformed the MSCI EAFE Index by 0.52% for the quarter and outperformed the MSCI EAFE Index for the year by 0.19%.

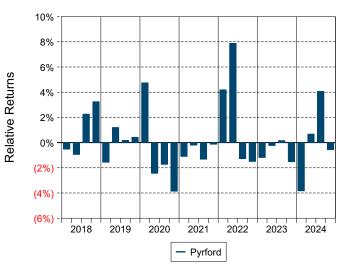
#### **Quarterly Asset Growth**

Beginning Market Value	\$43,060,179
Net New Investment	\$0
Investment Gains/(Losses)	\$-3,785,521
Ending Market Value	\$39,274,659

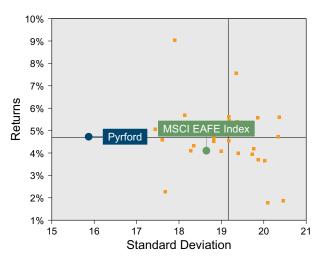
# Performance vs Callan Non-US Developed Core Equity (Gross)



# **Relative Return vs MSCI EAFE Index**



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



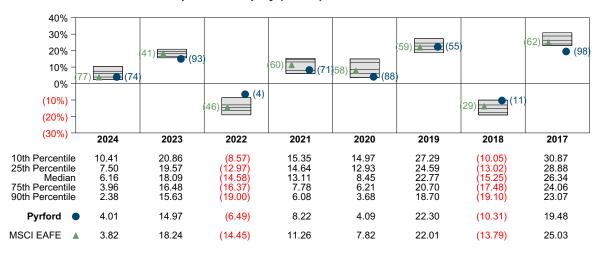


# Pyrford Return Analysis Summary

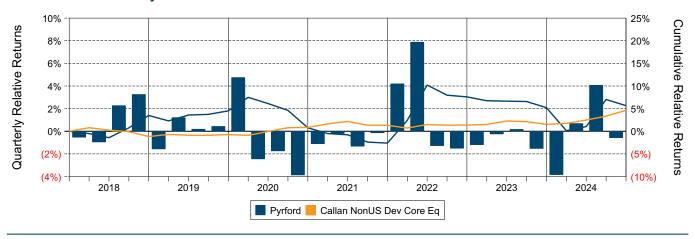
#### **Return Analysis**

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.

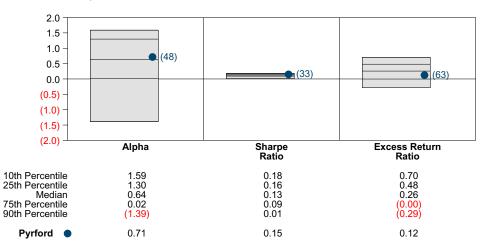
#### Performance vs Callan Non-US Developed Core Equity (Gross)



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



Risk Adjusted Return Measures vs MSCI EAFE Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2024



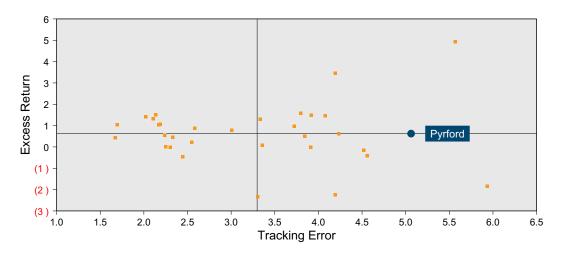


# Pyrford Risk Analysis Summary

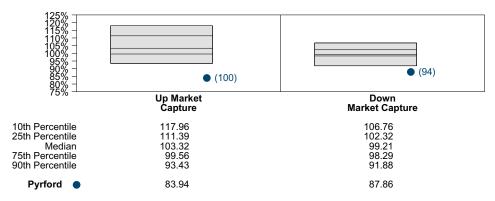
#### **Risk Analysis**

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.

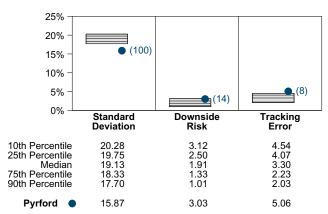
## Risk Analysis vs Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2024

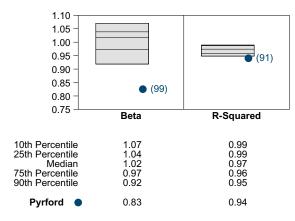


Market Capture vs MSCI EAFE (Net) Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2024



Risk Statistics Rankings vs MSCI EAFE (Net) Rankings Against Callan Non-US Developed Core Equity (Gross) Seven Years Ended December 31, 2024





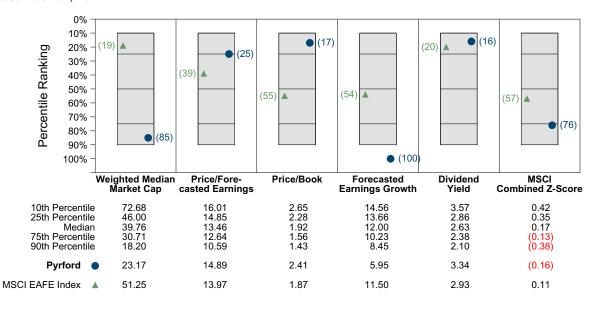


# Pyrford Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

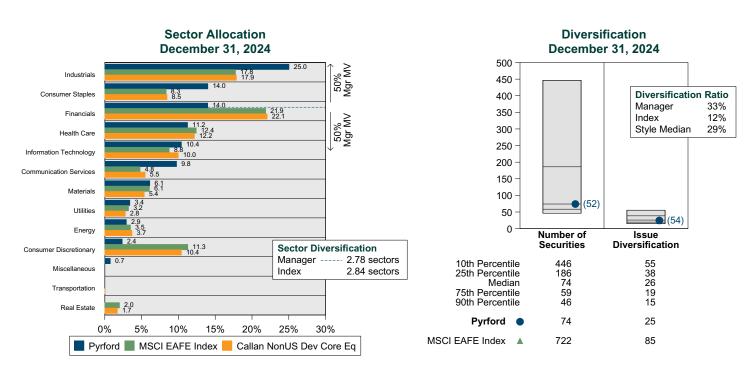
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

## Portfolio Characteristics Percentile Rankings Rankings Against Callan Non-US Developed Core Equity as of December 31, 2024



#### **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.

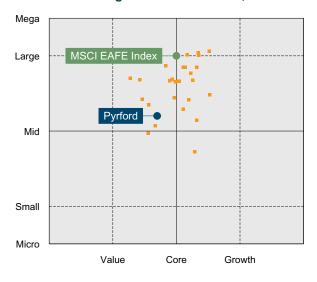




# **Current Holdings Based Style Analysis Pvrford** As of December 31, 2024

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.

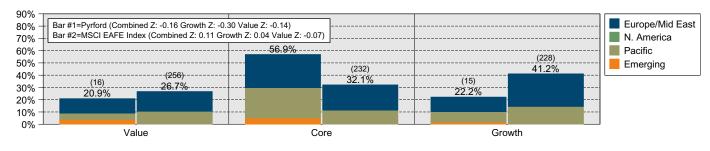
## Style Map vs Callan NonUS Dev Core Eq. Holdings as of December 31, 2024



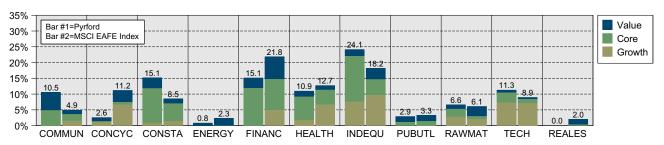
#### **Style Exposure Matrix** Holdings as of December 31, 2024

				T
	12.0% (8)	27.2% (18)	11.9% (9)	51.0% (35)
Europe/				
Mid East	16.2% (143)	20.7% (145)	26.7% (134)	63.7% (422)
	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)
	5.4% (4)	24.8% (14)	8.8% (5)	39.0% (23)
Pacific		, ,	, ,	, ,
	10.5% (113)	11.4% (87)	14.4% (94)	36.3% (294)
	3.6% (4)	4.9% (4)	1.5% (1)	10.0% (9)
Emerging	. ,	, ,	, ,	, ,
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	20.9% (16)	56.9% (36)	22.2% (15)	100.0% (67)
Total				
	26.7% (256)	32.1% (232)	41.2% (228)	100.0% (716)
	Value	Core	Growth	Total

## **Combined Z-Score Style Distribution** Holdings as of December 31, 2024



# **Sector Weights Distribution** Holdings as of December 31, 2024

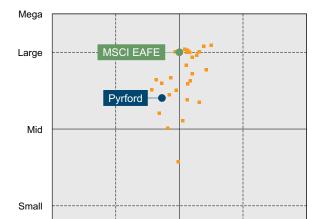




# **Historical Holdings Based Style Analysis Pyrford** For Five Years Ended December 31, 2024

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, 2024



Core

Growth

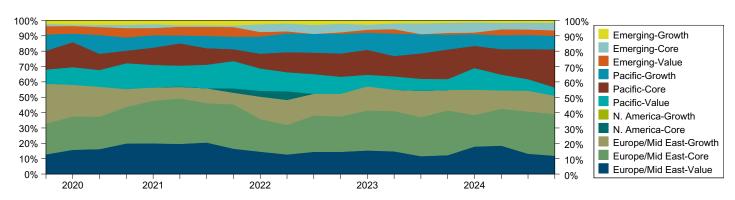
## **Average Style Exposure Matrix** Holdings for Five Years Ended December 31, 2024

	<b>G</b>			
	15.7% (11)	24.6% (16)	14.2% (12)	54.5% (39)
Europe/				
Mid East	18.1% (148)	19.3% (131)	26.1% (157)	63.5% (436)
	0.0% (0)	0.6% (0)	0.0% (0)	0.6% (0)
N. America				
	0.0% (0)	0.0% (0)	0.0% (0)	0.1% (0)
	11.5% (7)	14.2% (9)	9.9% (6)	35.5% (22)
Pacific				
	11.7% (138)	11.0% (114)	13.7% (124)	36.4% (376)
	3.4% (3)	3.7% (3)	2.2% (3)	9.3% (9)
Emerging				
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
	30.5% (21)	43.1% (28)	26.3% (21)	100.0% (70)
Total				
	29.8% (286)	30.4% (245)	39.9% (281)	100.0% (812)
	Value	Core	Growth	Total

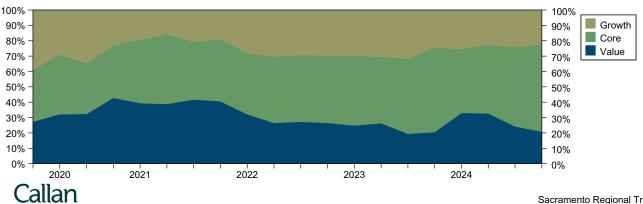
## Pyrford Historical Region/Style Exposures

Value

Micro



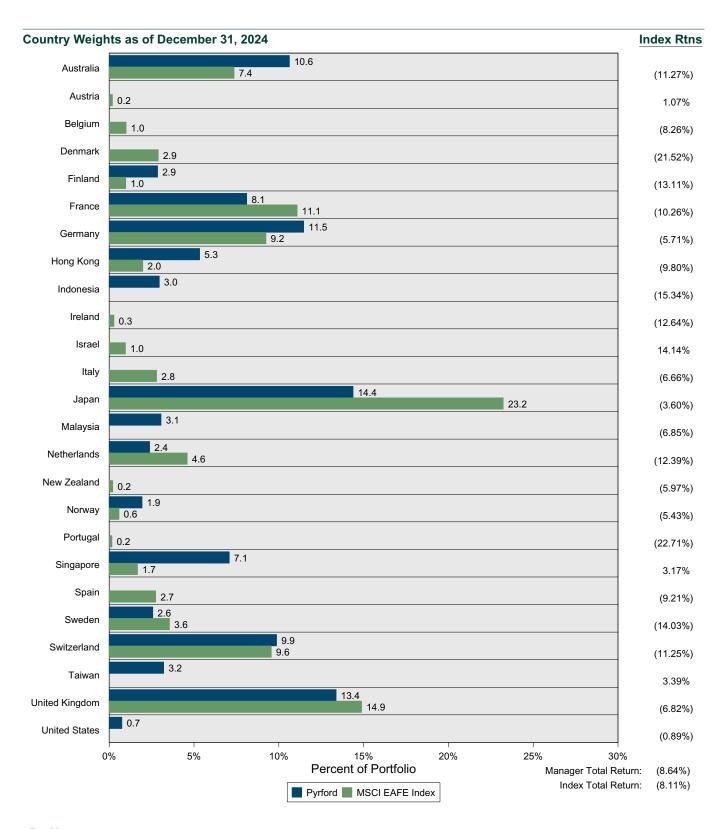
## **Pyrford Historical Style Only Exposures**



# 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, 2024. 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.





# Top 10 Portfolio Holdings Characteristics as of December 31, 2024

# 10 Largest Holdings

						Price/			
		Ending Perce		Percent		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	\$990,490	2.5%	(17.96)%	216.48	16.44	4.01%	(0.60)%	
Mitsubishi Elec Corp Shs	Industrials	\$943,626	2.4%	6.17%	36.13	16.46	1.86%	11.00%	
Sap Se Shs	Information Technology	\$937,386	2.4%	7.35%	300.47	38.32	0.87%	12.05%	
United Overseas Bk Ltd Shs	Financials	\$932,473	2.4%	6.13%	44.90	9.69	4.76%	1.65%	
Japan Tobacco Inc Ord	Consumer Staples	\$899,923	2.3%	(9.03)%	51.92	13.36	4.83%	13.64%	
Kddi	Communication Services	\$890,774	2.3%	(0.11)%	70.32	13.76	2.78%	9.54%	
Roche Hldgs Ag Basel Div Rts Ctf	Health Care	\$884,667	2.3%	(12.11)%	198.07	12.42	3.76%	5.47%	
Brambles Ltd Npv	Industrials	\$844,642	2.2%	(9.14)%	16.47	18.16	2.70%	11.62%	
Unilever Plc Shs	Consumer Staples	\$811,610	2.1%	(11.54)%	141.01	17.82	3.24%	7.64%	
Air Liquide Sa	Materials	\$785,749	2.0%	(15.97)%	93.96	23.07	1.85%	10.90%	

## **10 Best Performers**

						Price/		
		Ending	Ending Percent					Forecasted
		Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Stock	Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Computershare Limited Cpu Shs	Industrials	\$761,048	1.9%	20.62%	12.31	16.47	2.04%	4.06%
Imperial Brands Plc Shs	Consumer Staples	\$468,680	1.2%	12.01%	26.76	7.97	5.91%	9.56%
Taiwan Semicond Manufac Co L Shs	Information Technology	\$527,452	1.3%	8.84%	850.33	18.45	1.49%	29.51%
Power Assets Holdings Limite Shs	Utilities	\$435,877	1.1%	8.83%	14.87	17.62	5.20%	(20.56)%
Sap Se Shs	Information Technology	\$937,386	2.4%	7.35%	300.47	38.32	0.87%	12.05%
Mitsubishi Elec Corp Shs	Industrials	\$943,626	2.4%	6.17%	36.13	16.46	1.86%	11.00%
United Overseas Bk Ltd Shs	Financials	\$932,473	2.4%	6.13%	44.90	9.69	4.76%	1.65%
Sumitomo Rubber Ind	Consumer Discretionary	\$330,731	0.8%	5.25%	2.99	9.11	4.60%	14.30%
Nabtesco Corp Tokyo Shs	Industrials	\$637,505	1.6%	4.99%	2.16	25.10	2.85%	5.40%
Qbe Insurance Group Ltd Shs	Financials	\$532,393	1.4%	4.50%	17.90	10.43	3.23%	11.93%

# **10 Worst Performers**

				Price/				
	Sector	Ending Market Value	Percent			Forecasted		Forecasted Growth in Earnings
Stock			of Portfolio	Qtrly Return	Market Capital	Earnings Ratio	Dividend Yield	
Merida Industry Co.	Consumer Discretionary	\$55,231	0.1%	(36.63)%	1.38	16.35	3.97%	26.00%
Endeavour Group Ltd/Australi	Consumer Staples	\$224,744	0.6%	(25.33)%	4.66	15.57	5.10%	1.69%
Croda Intl Plc Ord	Materials	\$263,108	0.7%	(25.05)%	5.92	21.53	3.22%	2.17%
Royal Philips NV Shs	Health Care	\$373,652	1.0%	(23.05)%	23.75	16.01	3.33%	14.60%
Asm Pacific Technology Ltd Ord	Information Technology	\$330,238	0.8%	(21.16)%	4.02	18.83	0.81%	(19.04)%
Loreal	Consumer Staples	\$329,076	0.8%	(21.11)%	189.14	25.87	1.93%	6.02%
Deutsche Post Ag Bonn Namen Akt	Industrials	\$690,158	1.8%	(21.06)%	42.24	10.49	5.44%	4.50%
Givaudan Ag Duebendorf Ord	Materials	\$227,571	0.6%	(20.44)%	40.41	30.51	1.71%	11.80%
Aia Group Ltd Com Par Usd 1	Financials	\$768,401	2.0%	(19.17)%	78.51	11.69	2.90%	0.82%



#### **AQR**

# Period Ended December 31, 2024

#### **Investment Philosophy**

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

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

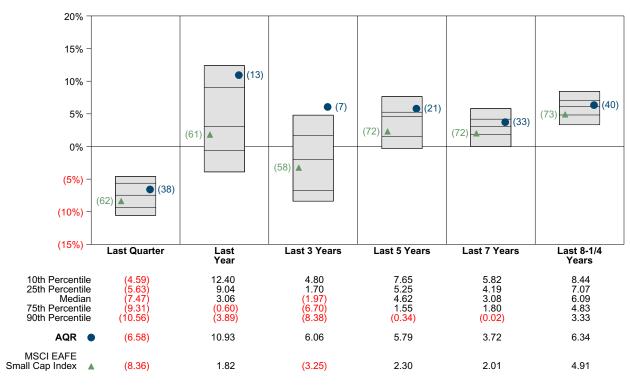
## AQR's portfolio posted a (6.58)% return for the quarter placing it in the 38 percentile of the Callan International Small Cap group for the quarter and in the 13 percentile for the last year.

 AQR's portfolio outperformed the MSCI EAFE Small Cap Index by 1.78% for the quarter and outperformed the MSCI EAFE Small Cap Index for the year by 9.12%.

#### **Quarterly Asset Growth**

Beginning Market Value	\$25,725,950
Net New Investment	\$0
Investment Gains/(Losses)	\$-1,746,043
Ending Market Value	\$23,979,907

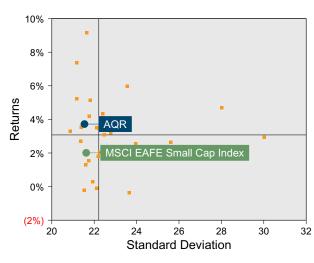
# Performance vs Callan International Small Cap (Gross)



## Relative Returns vs MSCI EAFE Small Cap Index



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





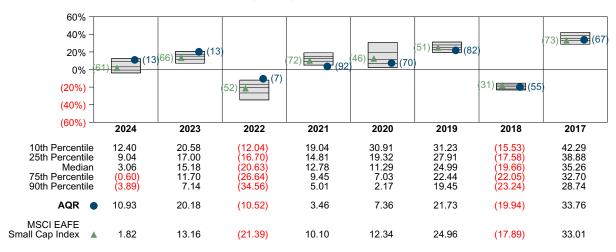
#### **AQR**

## **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.

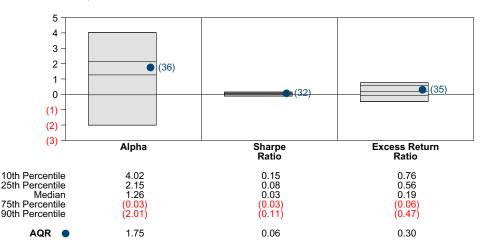
#### Performance vs Callan International Small Cap (Gross)



#### Cumulative and Quarterly Relative Returns 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, 2024



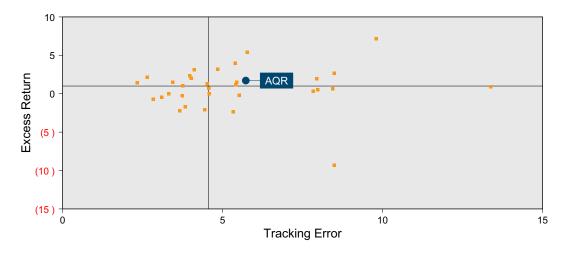


# AQR Risk Analysis Summary

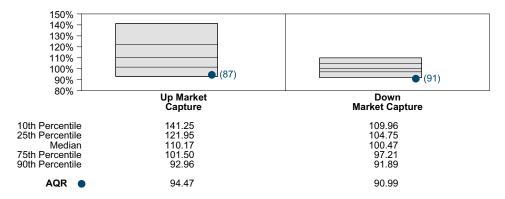
#### **Risk Analysis**

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.

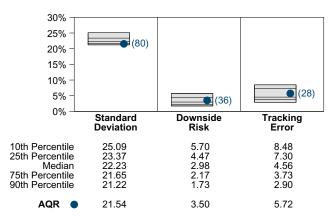
#### Risk Analysis vs Callan International Small Cap (Gross) Seven Years Ended December 31, 2024

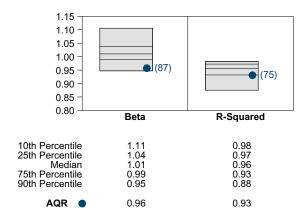


Market Capture vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended December 31, 2024



Risk Statistics Rankings vs MSCI EAFE Small Cap Index Rankings Against Callan International Small Cap (Gross) Seven Years Ended December 31, 2024







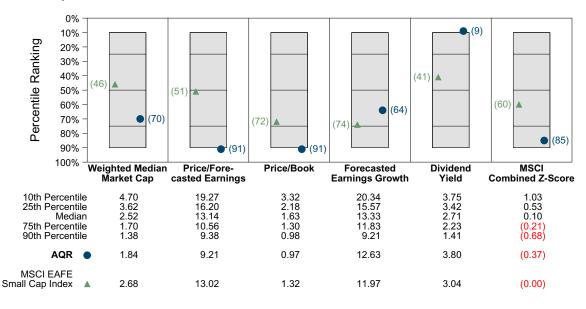
# **AQR**

#### **Equity Characteristics Analysis Summary**

#### **Portfolio Characteristics**

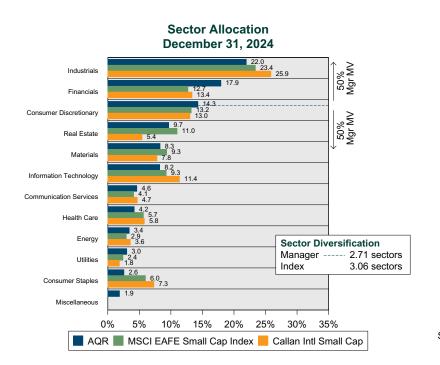
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

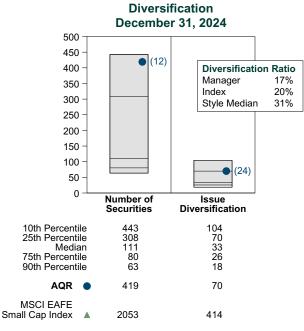
## Portfolio Characteristics Percentile Rankings Rankings Against Callan International Small Cap as of December 31, 2024



#### **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.



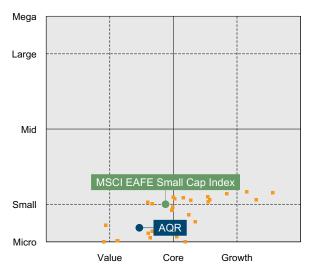




# **Current Holdings Based Style Analysis AQR** As of December 31, 2024

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.

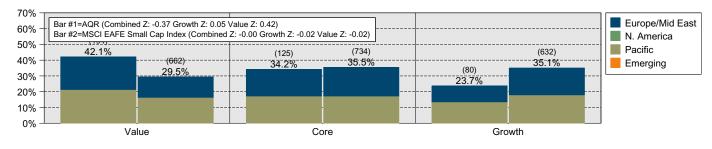
# Style Map vs Callan Intl Small Cap Holdings as of December 31, 2024



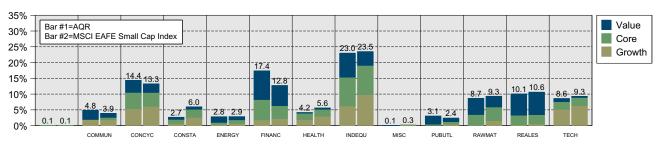
## **Style Exposure Matrix** Holdings as of December 31, 2024

	20.8% (81)	17.0% (58)	10.2% (36)	47.9% (175)
Europe/				
Mid East	13.1% (288)	18.2% (338)	17.1% (294)	48.4% (920)
	0.1% (1)	0.1% (1)	0.0% (0)	0.2% (2)
N. America				
	0.0% (0)	0.3% (6)	0.1% (1)	0.4% (7)
	21.3% (112)	17.1% (66)	13.5% (44)	51.9% (222)
Pacific	, ,		, ,	, ,
	16.4% (374)	16.9% (388)	17.9% (336)	51.1% (1098)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Emerging				
	0.0% (0)	0.0% (2)	0.0% (1)	0.1% (3)
	42.1% (194)	34.2% (125)	23.7% (80)	100.0% (399)
Total				
	29.5% (662)	35.5% (734)	35.1% (632)	100.0% (2028)
	Value	Core	Growth	Total

## **Combined Z-Score Style Distribution** Holdings as of December 31, 2024



# **Sector Weights Distribution** Holdings as of December 31, 2024





# Historical Holdings Based Style Analysis AQR

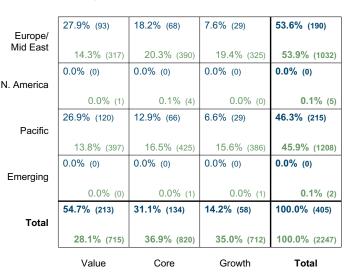
## For Five Years Ended December 31, 2024

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.

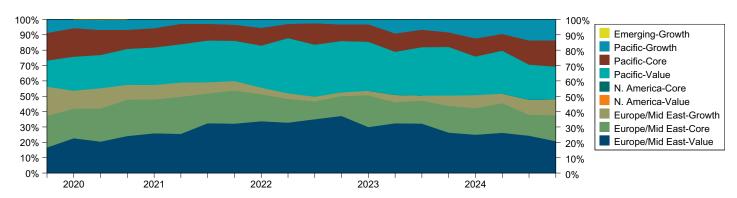
## Average Style Map vs Callan Intl Small Cap Holdings for Five Years Ended December 31, 2024

## Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2024

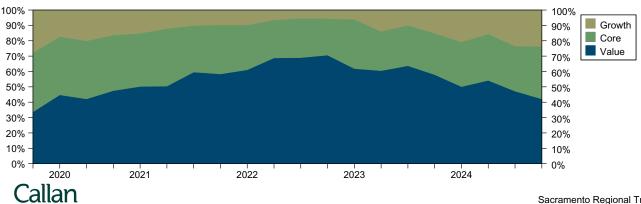




#### **AQR Historical Region/Style Exposures**



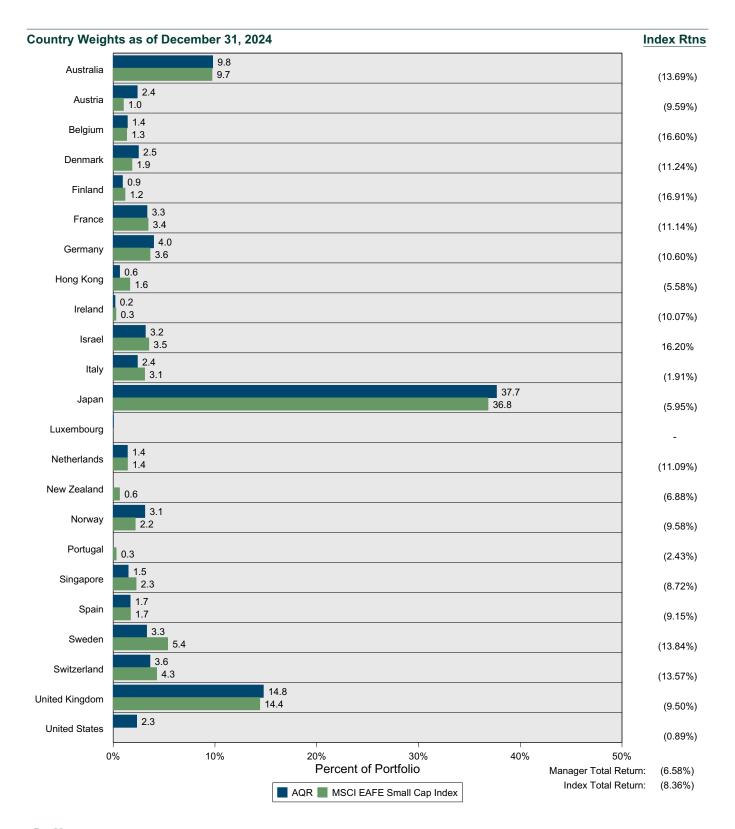
## **AQR Historical Style Only Exposures**



# 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, 2024. 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, 2024

# 10 Largest Holdings

Forecasted		
Growth in		
Earnings		
(29.60)%		
(2.90)%		
7.68%		
0.57%		
2.22%		
5.26%		
76.46%		
19.41%		
(10.29)%		
16.45%		

## **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
Arcadium Lithium Cdi Deferred	Materials	\$16,806	0.1%	79.44%	1.34	51.81	0.00%	-
Furukawa Electric Co	Industrials	\$90,875	0.4%	68.64%	3.01	16.66	0.90%	76.00%
Auto1 Group	Consumer Discretionary	\$12,233	0.1%	46.10%	3.59	85.75	0.00%	-
Harel Hamishmar Investment L Shs	Financials	\$11,192	0.0%	45.56%	2.84	7.09	3.87%	1.34%
Clal Insurance Entrp Hldgs L Shs	Financials	\$10,885	0.0%	40.24%	1.87	18.20	0.00%	31.47%
Amot Investments	Real Estate	\$52,807	0.2%	32.77%	2.67	14.91	6.30%	(28.71)%
Reit 1	Real Estate	\$55,791	0.2%	30.94%	1.03	37.35	4.35%	15.81%
Phoenix Holdings Ltd Share	Financials	\$22,740	0.1%	29.26%	3.66	8.44	4.04%	3.35%
Direct Line Insurance Group PI	Financials	\$38,122	0.2%	27.22%	4.19	12.50	2.35%	(15.73)%
Trustpilot Group	Communication Services	\$83,635	0.3%	26.84%	1.59	93.66	0.00%	26.61%

# **10 Worst Performers**

						Price/		Forecasted Growth in Earnings
	Sector	Ending Market Value	Percent			Forecasted		
			of Portfolio	Qtrly Return	Market Capital	Earnings Ratio	Dividend Yield	
Stock								
Resolute Mining	Materials	\$225,965	0.9%	(52.36)%	0.52	2.91	0.00%	(10.00)%
New World Dev Co Ltd Ord	Real Estate	\$16,072	0.1%	(46.53)%	1.67	16.60	3.88%	10.00%
Close Brothers Group Inc Shs	Financials	\$146,364	0.6%	(46.42)%	0.45	3.40	28.58%	5.56%
Corem Property Group	Real Estate	\$7,120	0.0%	(40.55)%	0.68	12.98	1.49%	(53.04)%
Grenkeleasing Ag Baden Baden Shs	Financials	\$7,825	0.0%	(40.48)%	0.74	7.54	3.04%	20.64%
As Dampskibsselskabet Torm Shs	Energy	\$58,568	0.2%	(40.45)%	1.88	4.29	29.40%	105.84%
Impax Group	Financials	\$5,423	0.0%	(38.99)%	0.41	8.13	11.17%	36.10%
Siltronic	Information Technology	\$26,473	0.1%	(36.86)%	1.46	32.07	2.55%	(7.81)%
Ses Global Sa Cert Global	Communication Services	\$21,327	0.1%	(34.68)%	1.42	13.47	13.84%	10.10%
Suess Microtec Ag Muenchen Namen -Ak	Information Technology	\$87,047	0.4%	(34.25)%	0.97	17.53	0.41%	56.93%



# DFA Emerging Markets Period Ended December 31, 2024

#### **Investment Philosophy**

Returns prior to 6/30/2013 are linked to a composite history.

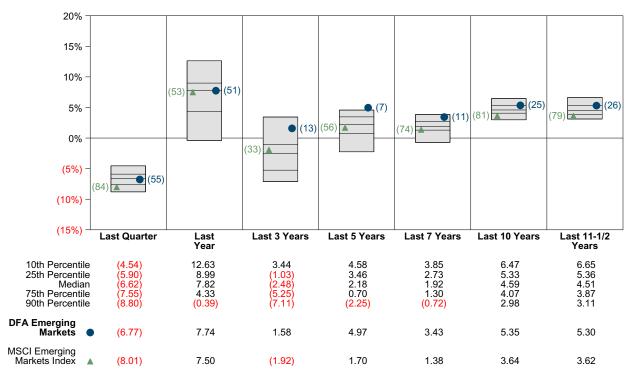
#### **Quarterly Summary and Highlights**

- DFA Emerging Markets's portfolio posted a (6.77)% return for the quarter placing it in the 55 percentile of the Callan Emerging Markets Equity Mut Funds group for the quarter and in the 51 percentile for the last year.
- DFA Emerging Markets's portfolio outperformed the MSCI Emerging Markets Index by 1.23% for the quarter and outperformed the MSCI Emerging Markets Index for the year by 0.24%.

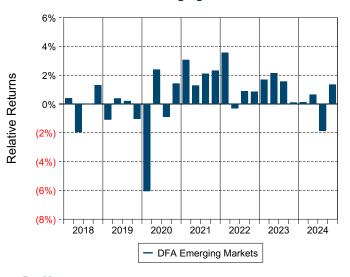
#### **Quarterly Asset Growth**

Beginning Market Value	\$27,258,988
Net New Investment	\$0
Investment Gains/(Losses)	\$-1,871,975
Ending Market Value	\$25,387,012

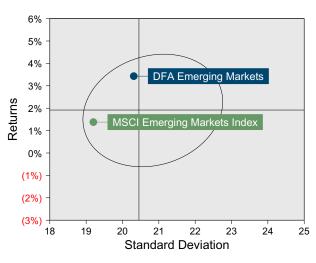
#### Performance vs Callan Emerging Markets Equity Mut Funds (Gross)



## Relative Returns vs MSCI Emerging Markets Index



# Callan Emerging Markets Equity Mut Funds (Gross) Annualized Seven Year Risk vs Return



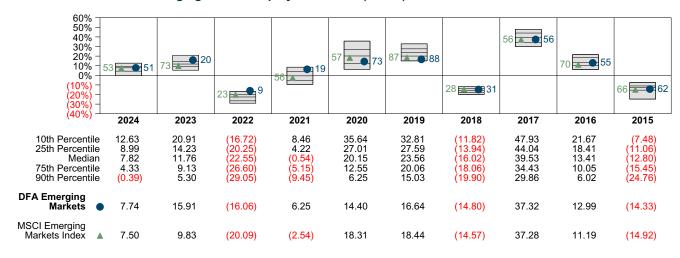


# DFA Emerging Markets Return Analysis Summary

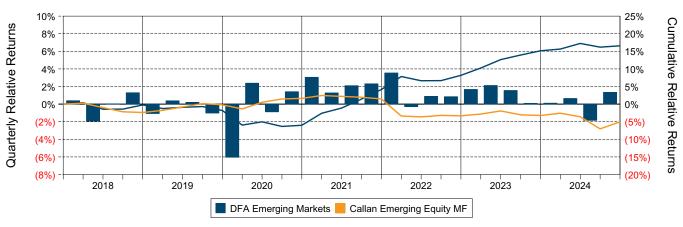
#### **Return Analysis**

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.

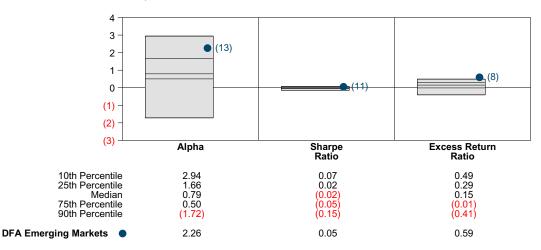
#### Performance vs Callan Emerging Markets Equity Mut Funds (Gross)



#### **Cumulative and Quarterly Relative Returns 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, 2024



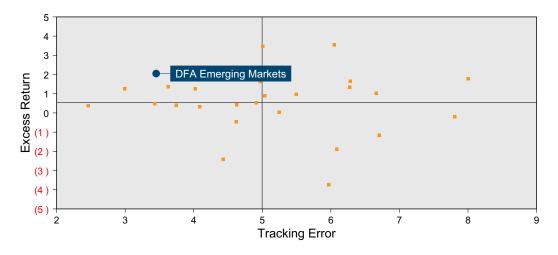


# **DFA Emerging Markets Risk Analysis Summary**

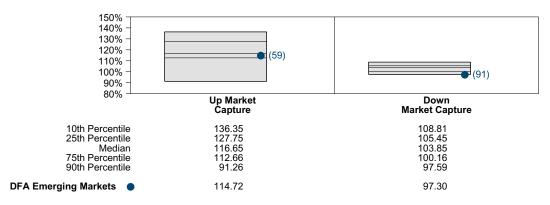
#### **Risk Analysis**

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.

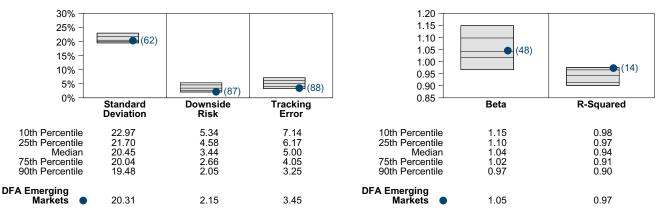
#### Risk Analysis vs Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2024



Market Capture vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2024



Risk Statistics Rankings vs MSCI Emerging Markets Index Rankings Against Callan Emerging Markets Equity Mut Funds (Gross) Seven Years Ended December 31, 2024



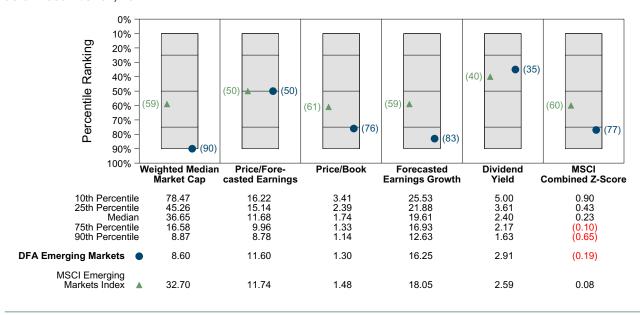


# DFA Emerging Markets Equity Characteristics Analysis Summary

#### **Portfolio Characteristics**

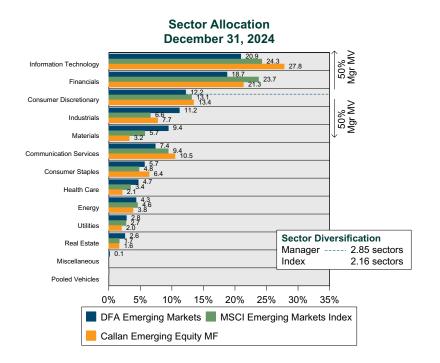
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

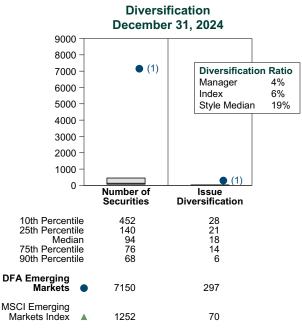
## Portfolio Characteristics Percentile Rankings Rankings Against Callan Emerging Markets Equity Mut Funds as of December 31, 2024



#### **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, 2024

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.

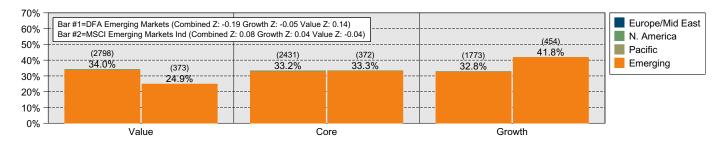
### Style Map vs Callan Emerging Equity MF Holdings as of December 31, 2024



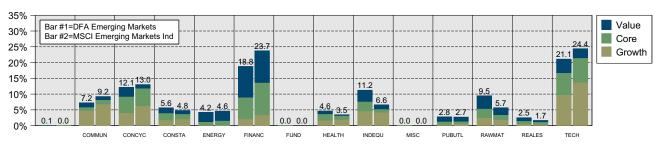
### **Style Exposure Matrix** Holdings as of December 31, 2024

	Value	Core	Growth	Total
	24.9% (373)	33.3% (372)	41.8% (454)	100.0% (1199)
Total				
	34.0% (2798)	33.2% (2431)	32.8% (1773)	100.0% (7002)
	24.9% (373)	33.3% (371)	41.8% (454)	100.0% (1198)
Emerging			, ,	, ,
	34.0% (2784)	33.0% (2378)	32.7% (1754)	99.7% (6916)
	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Pacific	, ,	, ,	, ,	, ,
	0.0% (13)	0.1% (39)	0.0% (19)	0.2% (71)
	0.0% (0)	0.0% (1)	0.0% (0)	0.0% (1)
N. America				
	0.0% (1)	0.1% (14)	0.0% (0)	0.1% (15)
Mid East	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Europe/	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

### **Combined Z-Score Style Distribution** Holdings as of December 31, 2024



### **Sector Weights Distribution** Holdings as of December 31, 2024





### Historical Holdings Based Style Analysis DFA Emerging Markets For Five Years Ended December 31, 2024

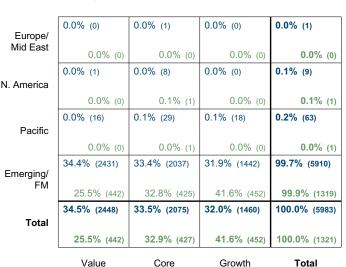
This page analyzes the historical investment style of a portfolio utilizing a detailed holdings-based style analysis to determine average actual exposures to various region and style segments of the international/global equity market. The market is segmented quarterly by region and style. The style segments 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, 2024

# Large MSCI Emerging Markets Ind Mid DFA Emerging Markets Small

Micro

### Average Style Exposure Matrix Holdings for Five Years Ended December 31, 2024

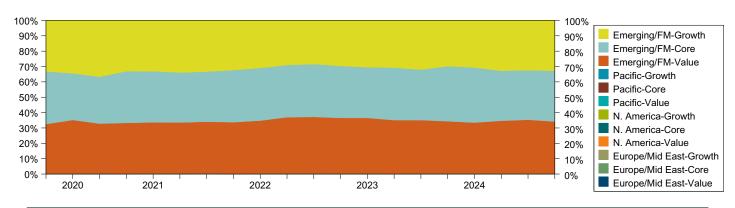


### **DFA Emerging Markets Historical Region/Style Exposures**

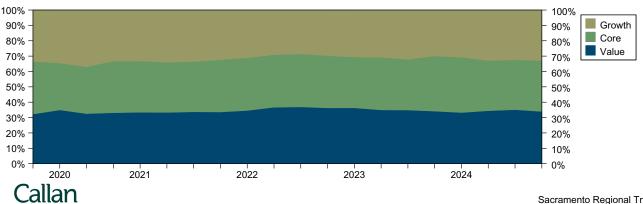
Core

Growth

Value



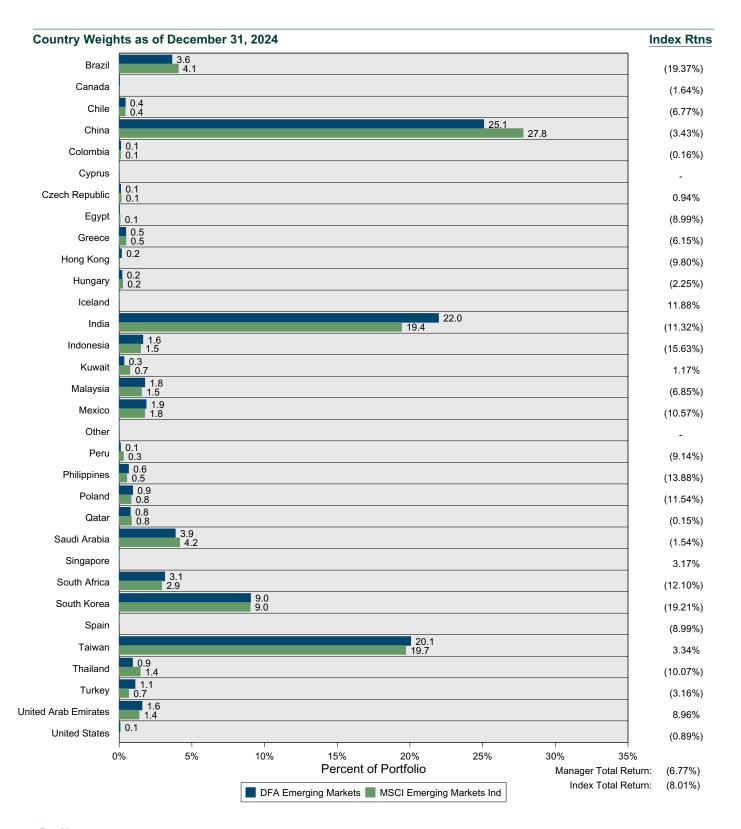
### **DFA Emerging Markets Historical Style Only Exposures**



# 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, 2024. 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, 2024

### 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
Taiwan Semicond Manufac Co L Shs	Information Technology	\$1,247,746	4.9%	8.84%	850.33	18.45	1.49%	29.51%
Tencent Holdings Limited Shs Par Hkd	Communication Services	\$785,008	3.1%	(10.59)%	495.21	15.31	0.82%	25.95%
Taiwan Semiconductor Mfg Co Ltd Spon	Information Technology	\$436,568	1.7%	(76.59)%	850.33	18.45	1.49%	29.51%
Samsung Electronics Co Ltd Ord	Information Technology	\$367,973	1.4%	(22.73)%	215.73	9.70	2.71%	34.90%
Alibaba Group Holding Ltd	Consumer Discretionary	\$238,061	0.9%	(28.58)%	202.13	9.23	1.19%	0.42%
China Construction Bank Shs H	Financials	\$205,057	0.8%	5.06%	200.56	4.56	6.74%	0.50%
Infosys Technologies	Information Technology	\$165,645	0.7%	(0.77)%	90.96	26.78	2.18%	11.79%
Reliance Industries Ltd Shs Demateri	Energy	\$137,892	0.5%	(19.43)%	192.12	19.67	0.41%	19.80%
Ping An Insurance H	Financials	\$131,191	0.5%	(12.46)%	44.15	5.41	5.77%	(17.06)%
Bharti Televentures	Communication Services	\$123,505	0.5%	(9.09)%	105.56	34.87	0.50%	63.32%

### **10 Best Performers**

					Price/		
	Ending	Percent			Forecasted		Forecasted
	Market	of	Qtrly	Market	Earnings	Dividend	Growth in
Sector	Value	Portfolio	Return	Capital	Ratio	Yield	Earnings
Information Technology	\$71	0.0%	234.23%	2.92	(5.99)	0.00%	28.80%
Information Technology	\$1,577	0.0%	212.19%	0.46	(180.43)	0.00%	(64.14)%
Consumer Discretionary	\$194	0.0%	180.90%	1.35	84.79	0.00%	37.80%
Health Care	\$294	0.0%	151.79%	0.38	(9.68)	0.00%	-
Information Technology	\$204	0.0%	151.51%	0.40	12.82	0.85%	-
Information Technology	\$230	0.0%	127.75%	0.49	18.30	0.22%	-
Communication Services	\$883	0.0%	127.34%	0.57	32.78	1.80%	28.92%
Industrials	\$6,133	0.0%	120.31%	2.97	33.43	1.02%	(13.48)%
Industrials	\$2,125	0.0%	119.05%	2.08	(4920.62)	0.10%	(2.61)%
Energy	\$1,993	0.0%	114.73%	1.74	(165.71)	0.44%	-
	Information Technology Information Technology Consumer Discretionary Health Care Information Technology Information Technology Communication Services Industrials Industrials	Market   Value	Sector         Market Value         of Portfolio           Information Technology Information Technology Consumer Discretionary Health Care Information Technology Information Technology Information Technology Section Services Industrials Industrials Industrials Industrials Section Services Industrials Industrials Section Services Section Section Services Section S	Sector         Market Value         of Portfolio         Qtrly Return           Information Technology Information Services Industrials Industri	Sector         Market Value         of Portfolio         Qtrly Return         Market Capital           Information Technology Information Services Industrials Industrial Indu	Sector         Value         Percent of Value         Qtrly Return         Market Capital         Forecasted Earnings Ratio           Information Technology Information	Sector         Value         Percent Value         Qtrly Return         Market Capital         Forecasted Earnings Pividend Particular           Information Technology Information Services Industrials Industrial Industrials Industrial Industria

### **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
Migros Turk Ticaret	Consumer Staples	\$1,095	0.0%	-	2.80	9.81	0.84%	107.10%
Redco Properties Group	Real Estate	\$291	0.0%	(85.52)%	0.09	(1.30)	0.00%	-
Taiwan Semiconductor Mfg Co Ltd Spon	Information Technology	\$436,568	1.7%	(76.59)%	850.33	18.45	1.49%	29.51%
Formosa Oilseed Proc.	Consumer Staples	\$370	0.0%	(71.36)%	0.29	33.78	3.42%	2.35%
Grupo Elektra	Consumer Discretionary	\$2,294	0.0%	(65.15)%	3.71	95.11	1.49%	-
Kum Yang	Materials	\$298	0.0%	(63.99)%	0.92	(9.47)	0.00%	-
Saehan Media	Information Technology	\$758	0.0%	(63.52)%	1.14	22.37	0.00%	15.74%
High-Tek Harness Enter.	Information Technology	\$27	0.0%	(59.33)%	0.03	(5.71)	0.00%	-
C&c International	Consumer Staples	\$525	0.0%	(56.81)%	0.31	8.23	0.00%	-
Youngpoong Precn.	Industrials	\$517	0.0%	(55.97)%	0.13	10.56	4.78%	17.15%



### **TCW**

### Period Ended December 31, 2024

### **Investment Philosophy**

The first full quarter for this portfolio is 3rd quarter 2001

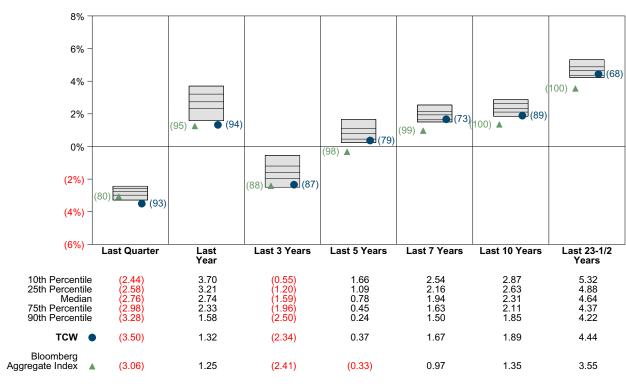
### **Quarterly Summary and Highlights**

- TCW's portfolio posted a (3.50)% return for the quarter placing it in the 93 percentile of the Callan Core Plus Fixed Income group for the quarter and in the 94 percentile for the last year.
- TCW's portfolio underperformed the Bloomberg Aggregate Index by 0.44% for the quarter and outperformed the Bloomberg Aggregate Index for the year by 0.07%.

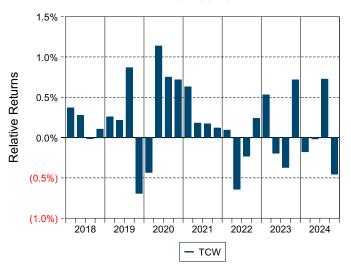
### **Quarterly Asset Growth**

Beginning Market Value	\$100,473,318
Net New Investment	\$0
Investment Gains/(Losses)	\$-3,586,091
Ending Market Value	\$96.887.227

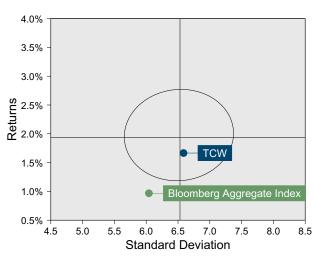
### Performance vs Callan Core Plus Fixed Income (Gross)



### Relative Returns vs Bloomberg Aggregate Index



# Callan Core Plus Fixed Income (Gross) Annualized Seven Year Risk vs Return



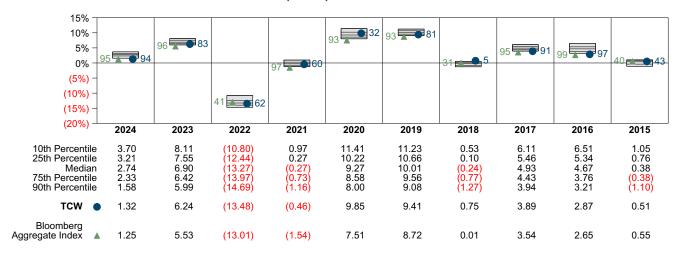


### TCW Return Analysis Summary

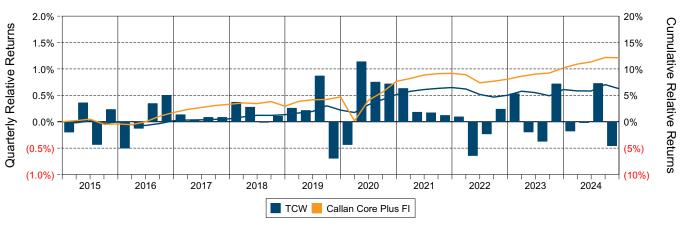
### **Return Analysis**

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.

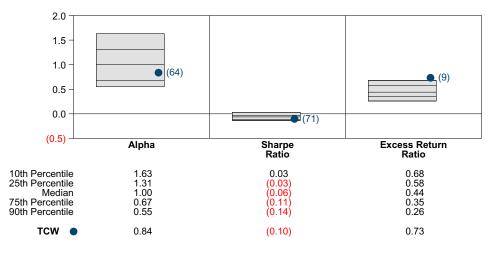
### Performance vs Callan Core Plus Fixed Income (Gross)



### **Cumulative and Quarterly Relative Returns 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, 2024



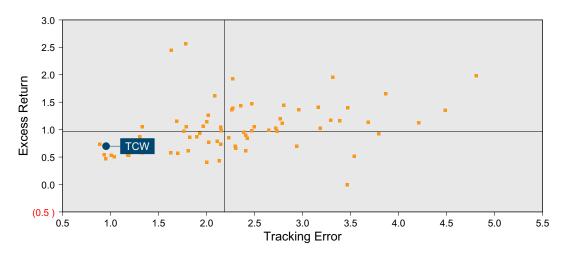


### TCW Risk Analysis Summary

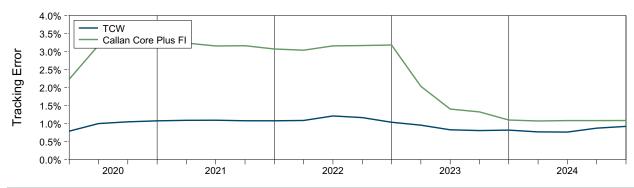
### **Risk Analysis**

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.

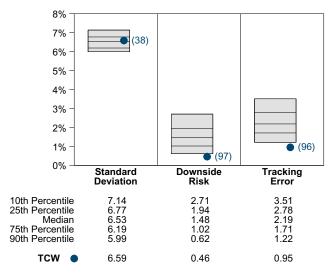
### Risk Analysis vs Callan Core Plus Fixed Income (Gross) Seven Years Ended December 31, 2024

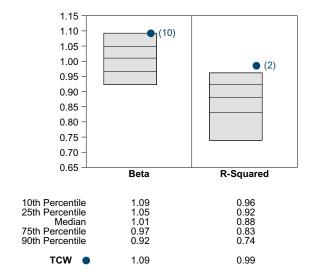


Rolling 12 Quarter Tracking Error vs Bloomberg Aggregate Index



Risk Statistics Rankings vs Bloomberg Aggregate Index Rankings Against Callan Core Plus Fixed Income (Gross) Seven Years Ended December 31, 2024







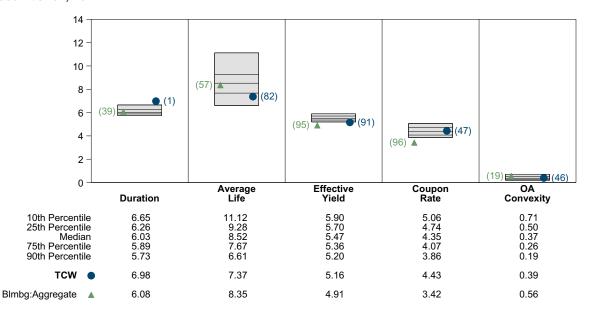
### **TCW**

### **Bond Characteristics Analysis Summary**

### **Portfolio Characteristics**

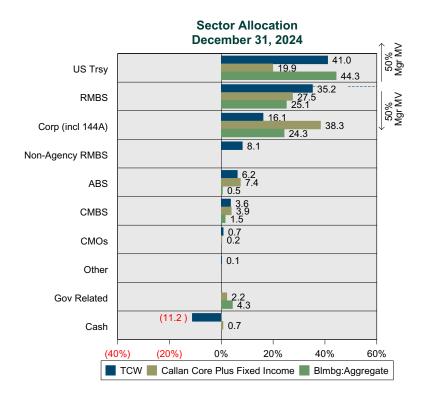
This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

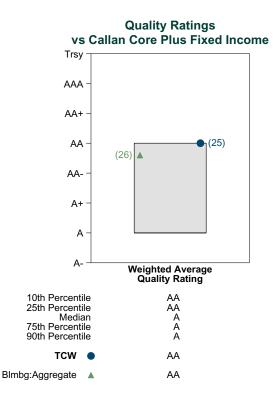
### Fixed Income Portfolio Characteristics Rankings Against Callan Core Plus Fixed Income as of December 31, 2024



### **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.





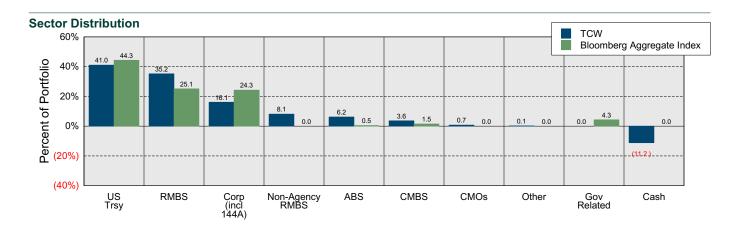


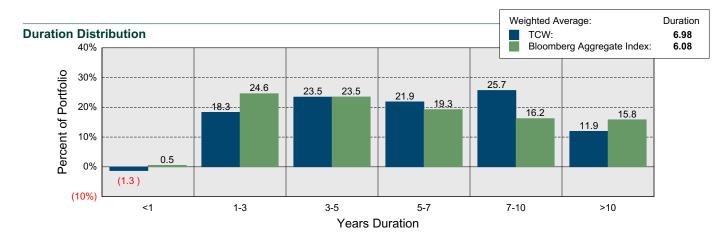
### **TCW**

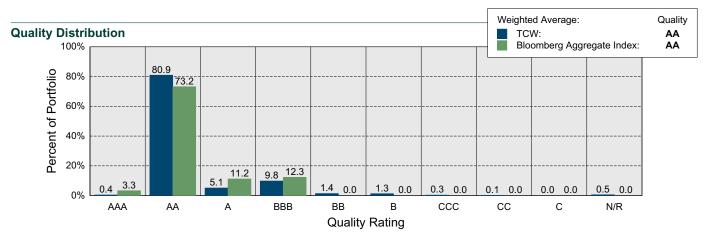
# Portfolio Characteristics Summary As of December 31, 2024

### **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.









### Real Estate Period Ended December 31, 2024

### **Quarterly Summary and Highlights**

- Real Estate's portfolio posted a 1.31% return for the quarter placing it in the 37 percentile of the Callan Real Estate ODCE group for the quarter and in the 11 percentile for the last year.
- Real Estate's portfolio outperformed the NCREIF NFI-ODCE Val Wt Gr by 0.15% for the quarter and outperformed the NCREIF NFI-ODCE Val Wt Gr for the year by 0.32%.

### **Quarterly Asset Growth**

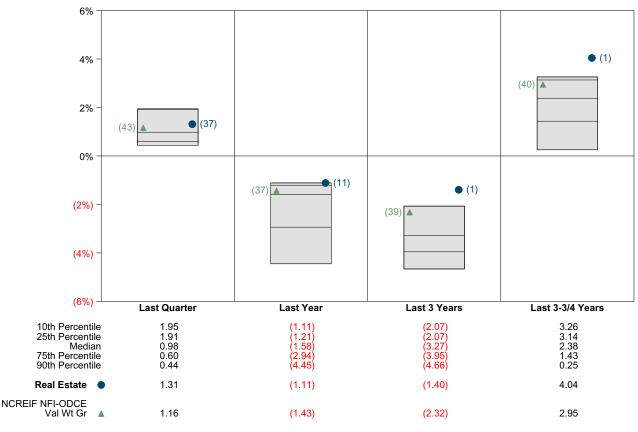
Beginning Market Value \$32,136,008

Net New Investment \$0

Investment Gains/(Losses) \$341,451

Ending Market Value \$32,477,459

### Performance vs Callan Real Estate ODCE (Gross)



### Relative Returns vs NCREIF NFI-ODCE Val Wt Gr



# Callan Real Estate ODCE (Gross) Annualized Three and Three-Quarter Year Risk vs Return



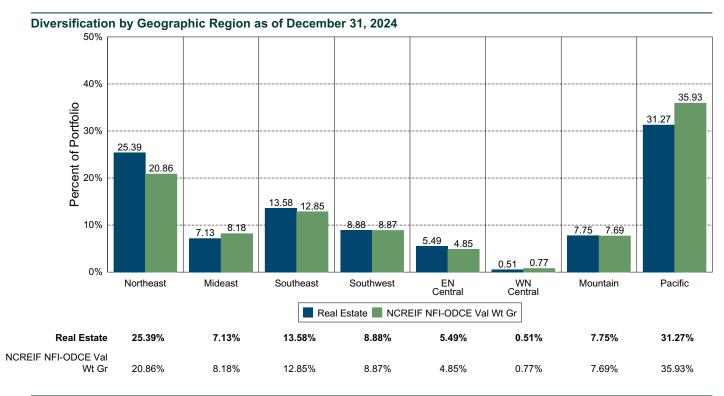


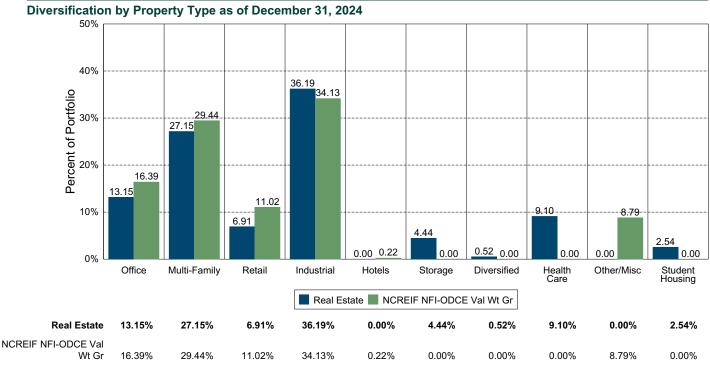
### **Real Estate**

### Diversification Analysis as of December 31, 2024

### **Diversification Analysis**

The following charts provide information on the diversification of the portfolio with regards to both Geographic Region and Property Type. Similar information is provided on the relevant market index for comparison.







### Clarion Lion Fund Period Ended December 31, 2024

### **Investment Philosophy**

Returns prior to 3/31/2021 are linked to the fund s history.

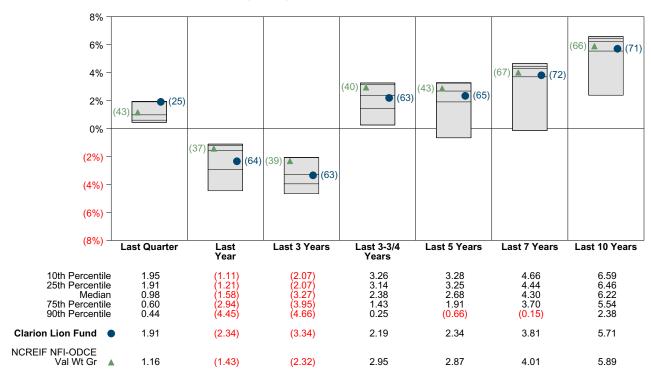
### **Quarterly Summary and Highlights**

- Clarion Lion Fund's portfolio posted a 1.91% return for the quarter placing it in the 25 percentile of the Callan Real Estate ODCE group for the quarter and in the 64 percentile for the last year.
- Clarion Lion Fund's portfolio outperformed the NCREIF NFI-ODCE Val Wt Gr by 0.75% for the quarter and underperformed the NCREIF NFI-ODCE Val Wt Gr for the year by 0.91%.

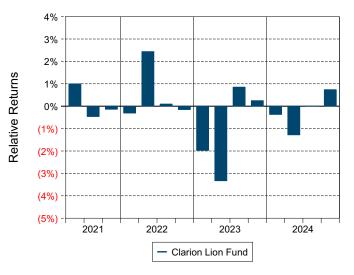
### **Quarterly Asset Growth**

Beginning Market Value	\$15,439,775
Net New Investment	\$0
Investment Gains/(Losses)	\$251,145
Ending Market Value	\$15,690,920

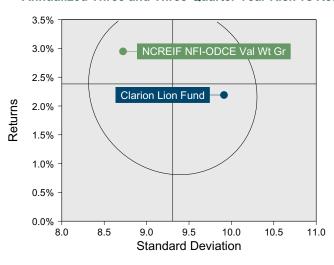
### Performance vs Callan Real Estate ODCE (Gross)



### Relative Returns vs NCREIF NFI-ODCE Val Wt Gr



# Callan Real Estate ODCE (Gross) Annualized Three and Three-Quarter Year Risk vs Return

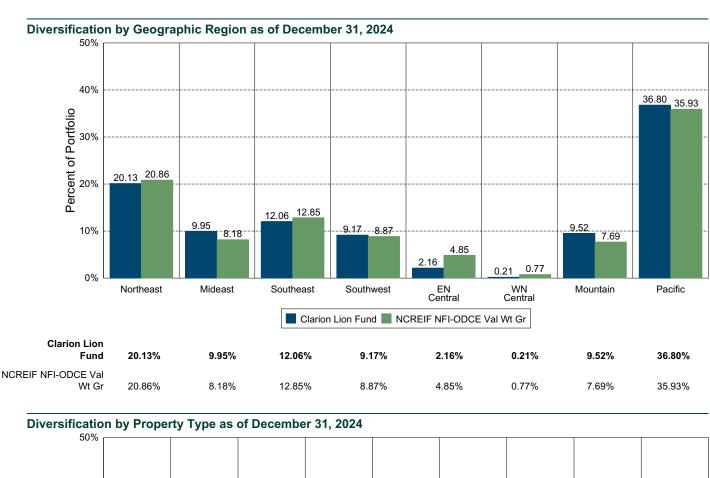


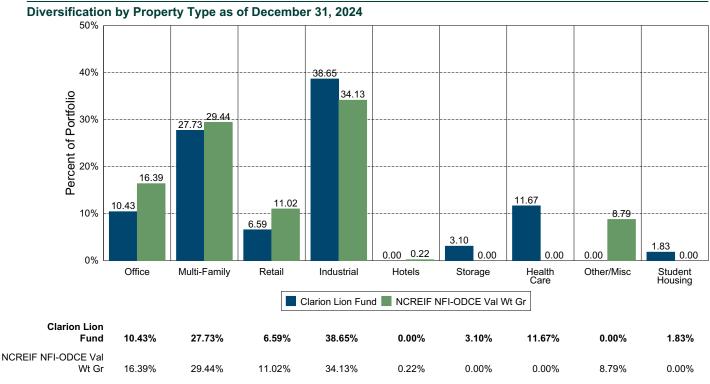


### Clarion Lion Fund Diversification Analysis as of December 31, 2024

### **Diversification Analysis**

The following charts provide information on the diversification of the portfolio with regards to both Geographic Region and Property Type. Similar information is provided on the relevant market index for comparison.







### Morgan Stanley Period Ended December 31, 2024

### **Investment Philosophy**

Returns prior to 6/30/2021 are linked to the fund s history.

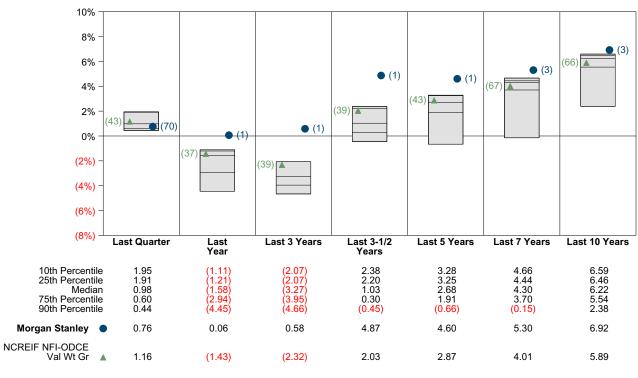
### **Quarterly Summary and Highlights**

- Morgan Stanley's portfolio posted a 0.76% return for the quarter placing it in the 70 percentile of the Callan Real Estate ODCE group for the quarter and in the 1 percentile for the last year.
- Morgan Stanley's portfolio underperformed the NCREIF NFI-ODCE Val Wt Gr by 0.41% for the quarter and outperformed the NCREIF NFI-ODCE Val Wt Gr for the year by 1.49%.

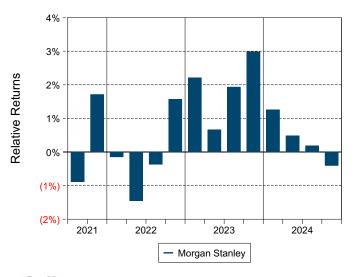
### **Quarterly Asset Growth**

Beginning Market Value	\$16,696,233
Net New Investment	\$0
Investment Gains/(Losses)	\$90,306
Ending Market Value	\$16,786,539

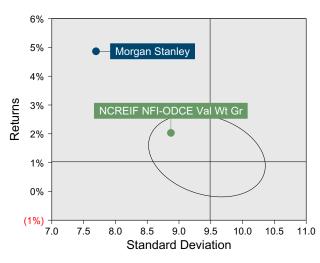
### Performance vs Callan Real Estate ODCE (Gross)



### Relative Returns vs NCREIF NFI-ODCE Val Wt Gr



# Callan Real Estate ODCE (Gross) Annualized Three and One-Half Year Risk vs Return

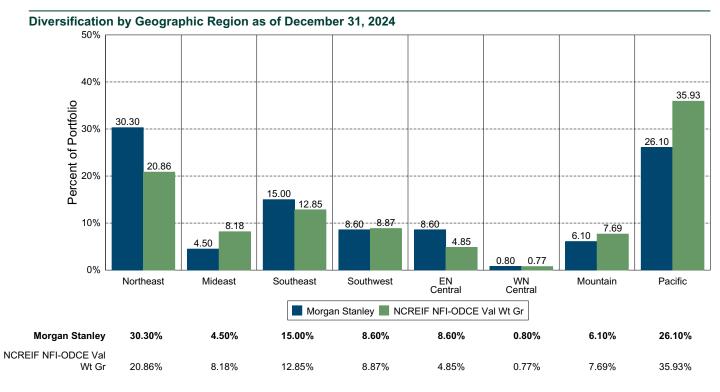


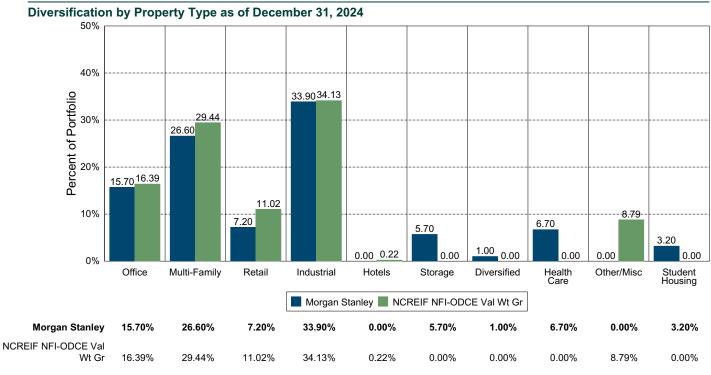


# Morgan Stanley Diversification Analysis as of December 31, 2024

### **Diversification Analysis**

The following charts provide information on the diversification of the portfolio with regards to both Geographic Region and Property Type. Similar information is provided on the relevant market index for comparison.







### **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.



# Callan

Quarterly List as of December 31, 2024

### **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	
abrdn Investments	
Acadian Asset Management LLC	
Adams Street Partners, LLC	
Aegon Asset Management	
AEW Capital Management, L.P.	
AllianceBernstein	
Allspring Global Investments, LLC	
Altrinsic Global Advisors, LLC	
American Century Investments	
American Realty Advisors	
Amundi US, Inc.	
Antares Capital LP	
Apollo Global Management, Inc.	
AQR Capital Management	
Ares Management LLC	
ARGA Investment Management, LP	
Ariel Investments, LLC	
Aristotle Capital Management, LLC	

Manager Name
Atlanta Capital Management Co., LLC
Audax Private Debt
AXA Investment Managers
Baillie Gifford International, LLC
Baird Advisors
Barings LLC
Baron Capital Management, Inc.
Barrow, Hanley, Mewhinney & Strauss, LLC
BentallGreenOak
Beutel, Goodman & Company Ltd.
BlackRock
Blackstone Group (The)
Blue Owl Capital, Inc.
BNY Mellon Asset Management
Boston Partners
Brandes Investment Partners, L.P.
Brandywine Global Investment Management, LLC
Brookfield Asset Management Inc.

**Manager Name** 

Brown Brothers Harriman & Company

Brown Investment Advisory & Trust Company

Capital Group

CastleArk Management, LLC

Cercano Management LLC

**CIBC** Asset Management

CIM Group, LP

ClearBridge Investments, LLC

Cohen & Steers Capital Management, Inc.

Columbia Threadneedle Investments

Comvest Partners

Crescent Capital Group LP

Dana Investment Advisors, Inc.

DePrince, Race & Zollo, Inc.

Diamond Hill Capital Management, Inc.

Dimensional Fund Advisors L.P.

DoubleLine

**DWS** 

EAM Investors, LLC

EARNEST Partners, LLC

Fayez Sarofim & Company

Federated Hermes, Inc.

Fidelity Institutional Asset Management

Fiera Capital Corporation

First Eagle Investment Management, LLC

First Hawaiian Bank Wealth Management Division

Fisher Investments

Franklin Templeton

Fred Alger Management, LLC

GAMCO Investors, Inc.

GlobeFlex Capital, L.P.

Goldman Sachs

Golub Capital

**GW&K Investment Management** 

Harbor Capital Group Trust

Hardman Johnston Global Advisors LLC

Heitman LLC

Hotchkis & Wiley Capital Management, LLC

HPS Investment Partners, LLC

**IFM Investors** 

**Manager Name** 

Impax Asset Management LLC

Income Research + Management

Insight Investment

Intercontinental Real Estate Corporation

Invesco

J.P. Morgan

Janus

Jennison Associates LLC

Jobs Peak Advisors

Kayne Anderson Rudnick Investment Management, LLC

KeyCorp

King Street Capital Management, L.P.

Kohlberg Kravis Roberts & Co. L.P. (KKR)

Lazard Asset Management

**LGIM America** 

Lincoln National Corporation

**Longview Partners** 

Loomis, Sayles & Company, L.P.

Lord, Abbett & Company

LSV Asset Management

MacKay Shields LLC

Macquarie Asset Management

Manulife Investment Management

Manulife | CQS Investment Management

Marathon Asset Management, L.P.

Mawer Investment Management Ltd.

MetLife Investment Management

MFS Investment Management

Mondrian Investment Partners Limited

Montag & Caldwell, LLC

Morgan Stanley Investment Management

MUFG Bank, Ltd.

Natixis Investment Managers

Neuberger Berman

**Newmarket Capital** 

Newton Investment Management

Nikko Asset Management Co., Ltd.

Ninety One North America, Inc.

Northern Trust Asset Management

Nuveen



**Manager Name** 

Oaktree Capital Management, L.P.

Orbis Investment Management Limited

P/E Investments

Pacer Financial Inc.

Pacific Investment Management Company

Parametric Portfolio Associates LLC

Partners Group (USA) Inc.

Pathway Capital Management, LP

Peavine Capital

Peregrine Capital Management, LLC

**PGIM DC Solutions** 

**PGIM Fixed Income** 

PGIM Quantitative Solutions LLC

Pictet Asset Management

PineBridge Investments

Polaris Capital Management

Polen Capital Management, LLC

PPM America, Inc.

Pretium Partners, LLC

Principal Asset Management

Raymond James Investment Management

**RBC Global Asset Management** 

Regions Financial Corporation

Rockpoint

S&P Dow Jones Indices

Sands Capital Management

Schroder Investment Management North America Inc.

**Manager Name** 

Segall Bryant & Hamill

**SLC Management** 

Star Mountain Capital, LLC

State Street Global Advisors

Strategic Global Advisors, LLC

Tilden Park Capital Management LP

Tri-Star Bank

T. Rowe Price Associates, Inc.

TD Global Investment Solutions - TD Epoch

The D.E. Shaw Group

The TCW Group, Inc.

Thompson, Siegel & Walmsley LLC

TPG Angelo Gordon

**UBS Asset Management** 

VanEck

Versus Capital Group

Victory Capital Management Inc.

Virtus Investment Partners, Inc.

Vontobel Asset Management

Voya

Walter Scott & Partners Limited

WCM Investment Management

Wellington Management Company LLP

Western Asset Management Company LLC

Westfield Capital Management Company, LP

William Blair & Company LLC

Xponance, Inc.



### Important Disclosures

Information contained in this document may include confidential, trade secret and/or proprietary information of Callan and the client. It is incumbent upon the user to maintain such information in strict confidence. Neither this document nor any specific information contained herein is to be used other than by the intended recipient for its intended purpose.

The content of this document is particular to the client and should not be relied upon by any other individual or entity. There can be no assurance that the performance of any account or investment will be comparable to the performance information presented in this document.

Certain information herein has been compiled by Callan from a variety of sources believed to be reliable but for which Callan has not necessarily verified for accuracy or completeness. Information contained herein may not be current. Callan has no obligation to bring current the information contained herein.

Callan's performance, market value, and, if applicable, liability calculations are inherently estimates based on data available at the time each calculation is performed and may later be determined to be incorrect or require subsequent material adjustment due to many variables including, but not limited to, reliance on third party data, differences in calculation methodology, presence of illiquid assets, the timing and magnitude of unrecognized cash flows, and other data/assumptions needed to prepare such estimated calculations. In no event should the performance measurement and reporting services provided by Callan be used in the calculation, deliberation, policy determination, or any other action of the client as it pertains to determining amounts, timing or activity of contribution levels or funding amounts, rebalancing activity, benefit payments, distribution amounts, and/or performance-based fee amounts, unless the client understands and accepts the inherent limitations of Callan's estimated performance, market value, and liability calculations.

Callan's performance measurement service reports estimated returns for a portfolio and compares them against relevant benchmarks and peer groups, as appropriate; such service may also report on historical portfolio holdings, comparing them to holdings of relevant benchmarks and peer groups, as appropriate ("portfolio holdings analysis"). To the extent that Callan's reports include a portfolio holdings analysis, Callan relies entirely on holdings, pricing, characteristics, and risk data provided by third parties including custodian banks, record keepers, pricing services, index providers, and investment managers. Callan reports the performance and holdings data as received and does not attempt to audit or verify the holdings data. Callan is not responsible for the accuracy or completeness of the performance or holdings data received from third parties and such data may not have been verified for accuracy or completeness.

Callan's performance measurement service may report on illiquid asset classes, including, but not limited to, private real estate, private equity, private credit, hedge funds and infrastructure. The final valuation reports, which Callan receives from third parties, for of these types of asset classes may not be available at the time a Callan performance report is issued. As a result, the estimated returns and market values reported for these illiquid asset classes, as well as for any composites including these illiquid asset classes, including any total fund composite prepared, may not reflect final data, and therefore may be subject to revision in future quarters.

The content of this document may consist of statements of opinion, which are made as of the date they are expressed and are not statements of fact. The opinions expressed herein may change based upon changes in economic, market, financial and political conditions and other factors. Callan has no obligation to bring current the opinions expressed herein.

The information contained herein may include forward-looking statements regarding future results. The forward-looking statements herein: (i) are best estimations consistent with the information available as of the date hereof and (ii) involve known and unknown risks and uncertainties. Actual results may vary, perhaps materially, from the future results projected in this document. Undue reliance should not be placed on forward-looking statements.

Callan is not responsible for reviewing the risks of individual securities or the compliance/non-compliance of individual security holdings with a client's investment policy guidelines.

This document should not be construed as legal or tax advice on any matter. You should consult with legal and tax advisers before applying any of this information to your particular situation.

Reference to, or inclusion in this document of, any product, service or entity should not necessarily be construed as recommendation, approval, or endorsement or such product, service or entity by Callan. This document is provided in connection with Callan's consulting services and should not be viewed as an advertisement of Callan, or of the strategies or products discussed or referenced herein.

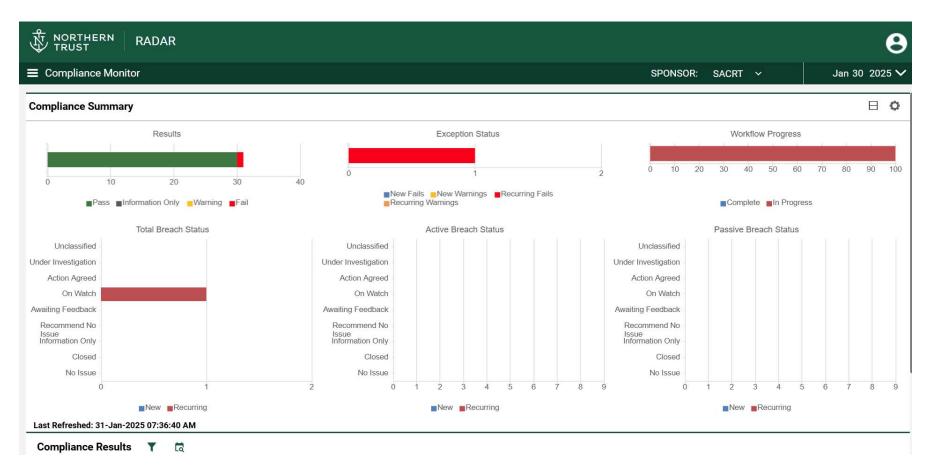
The issues considered and risks highlighted herein are not comprehensive and other risks may exist that the user of this document may deem material regarding the enclosed information. Please see any applicable full performance report or annual communication for other important disclosures.

Unless Callan has been specifically engaged to do so, Callan does not conduct background checks or in-depth due diligence of the operations of any investment manager search candidate or investment vehicle, as may be typically performed in an operational due diligence evaluation assignment and in no event does Callan conduct due diligence beyond what is described in its report to the client.

Any decision made on the basis of this document is sole responsibility of the client, as the intended recipient, and it is incumbent upon the client to make an independent determination of the suitability and consequences of such a decision.

Callan undertakes no obligation to update the information contained herein except as specifically requested by the client.

Past performance is no guarantee of future results.



The Intelsat compliance breach was caused by a restructuring of Intelsat, a global provider of satellite communications services (original holdings Intelsat Jackson CUSIPs 45824TAY1 and 45824TBA2 and current holding CUSIP L5217E120); which is part of TCW's portfolio holdings. As a result of the restructuring, there will be an equity line item in the portfolio for some period as TCW seeks an opportunistic disposition to maximize the realized value. In time, execution on Intelsat's business plan should improve the liquidity and value of Intelsat common shares, leading to a full liquidation from the portfolio. Northern Trust's compliance monitoring settings were set to flag equity common stock as a compliance breach. The Intelsat investment policy. The current equity common stock will continue to be monitored until TCW disposes of the securities.

Note: The compliance results table above is usually reported as of the last business day of the quarter, however, an erroneous compliance breach was showing up on the 12/31/24 report. Northern Trust has corrected the report as of 1/31/25 and the corrected version is shown above.

### Type Filters Applied: All, Fail, Information Only, Warning Breach Status Filters Applied: All, Active, Passive

Breach ID	Rule Processin g Frequency	Account / Consolidation Name	Rule Name	Rule Category	Result Type	Valuation Date	Run Date	Age	Lin k	Active Passive Marker	Breach Cause	Breach Status	Workflow Status	Commentary	Linked Commentary
SACR03.R1.8 08	DAILY	SACRT - METWEST	PA44271 - SACRT SACR03 Permitted Investments	Permitted Assets	Fail	30-Jan- 2025	31-Jan- 2025	39	Ope n			On Watch	Under Investigation		



### **Compliance Results**

Breach Result Numerator: 68,233.50 Denominator: 97,589,830.45

 Account ID
 Account Name
 Total Market Value
 Securities Triggered
 % Results

 SACR03
 SACRT - METWEST
 68,233.50
 1
 0.07

Reference Date:30-Jan-2025

Rule Name: PA44271 - SACRT SACR03 Permitted Investments

Benchmark:

Rule Run Date:31-Jan-2025

Sponsor:SACRT

Active/Passive:

Compliance Breach Result: Fail - Permitted Assets

**Rule Narrative:**Flags Prohibited Investments only. Please refer to IMA Language for more details.

Breach Status: On Watch

Valuation Date:30-Jan-2025 Breach Id:SACR03.R1.808

Breach Cause:

Commentary: Linked Commentary:

•••••••						
Asset Category/Name	Country of Risk	Security Identifier	ld Type	Shares/Par Value	Market Value Base	Security Weight %
Equities						
Common Stock						
Common Stock						
INTELSAT S.A.	Luxembourg	LU2445093128	ISIN	2,124.00	68,233.50	0.07
INTELSAT S.A.	Luxembourg	LU2445093128	ISIN	2,124.00	68,233.50	0.07



# RETIREMENT BOARD STAFF REPORT

**DATE:** March 19, 2025

TO: Sacramento Regional Transit Retirement Boards -

AEA/AFSCME/MCEG

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

**SUBJ:** Accept Actuarial Valuation and Approve Actuarially Determined

Contribution Rates for Fiscal Year 2025-26

### **RECOMMENDATION**

Adopt the Attached Resolution(s).

### RESULT OF RECOMMENDED ACTION

Accept the actuarial valuation report (AVR) for the July 1, 2024 valuation date and approve the actuarially determined contribution (ADC) rates for Fiscal Year (FY) 2025-26.

### FISCAL IMPACT

The fiscal impact of the proposed ADC rates for FY 2025-26 can only be determined by applying the discrete rates for Classic members and PEPRA members to the covered payroll for FY 2025-26. Based on a projection of covered payroll for the upcoming fiscal year, the AVR estimates the employer actuarial cost of rates recommended for the Salaried Plan (and detailed in this staff report) to be approximately \$12.5 million for FY 2025-26.

### **DISCUSSION**

During the special Retirement Board meeting on February 26, 2025, Graham Schmidt of Cheiron presented the preliminary results of the annual actuarial valuation process for all three Retirement Plans, which are commonly referred to as the ATU Plan, the IBEW Plan, and the Salaried Plan. A recap of Mr. Schmidt's presentation to and discussion with the Retirement Boards is provided in the minutes of last month's meeting, which are presented for approval as agenda Item 3, 4, and 5 for this Quarterly Retirement Board Meeting. During the prior presentation, Mr. Schmidt did not recommend any changes in the assumptions used to prepare the AVR for the July 1, 2024 valuation date.

Retirement Board Agenda Item 18 March 19, 2025 Page 2

As a reminder, the annual AVR measures the current and projected assets and liabilities of a defined benefit plan, and those measures are used to determine the plan's funded ratio. The Plan's funded ratio and the normal costs associated with benefits prescribed by the Plan are used to establish the ADC and expressed as a percentage of covered payroll.

Within the AVR for the Salaried Plan, Cheiron offers an Executive Summary and reviews data points and developments for the July 1, 2024 valuation date. Items of note from the Executive Summary are cited below:

- The actuarially determined employer contribution rate decreased from 37.21% of payroll last year to 36.54% of payroll for the current valuation. This year's rate decreased due to offsetting factors but primarily from greater than expected payroll growth and the continued impact of PEPRA.
- The Plan's funded ratio, the ratio of Actuarial Value of Assets over Actuarial Liability, increased from 69.2% as of July 1, 2023 to 71.8% as of July 1, 2024.
- [T]he return on Plan assets was 11.63% on a market value basis net of investment expenses, as compared to the 6.75% assumption.
- The Actuarial Value of Assets is currently 97.9% of the market value. Since actuarial assets are below market assets, there are unrecognized investment gains (approximately \$3.1 million) that will be reflected in the smoothed value in future years.
- The impact of PEPRA continued to lower the employer cost... As of June 30, 2024, PEPRA members make up approximately 54% of the active workforce.

For further information regarding the composition of active membership, please see Appendix A of the AVR. Therein, Cheiron reports that 147 of 271 active members are subject to the benefit formulas and normal cost sharing provisions prescribed by PEPRA.

By accepting the AVR, the Retirement Board is accepting the funded ratio determined by the actuary and adopting the contribution rates for the next fiscal year. Per Section V, Table V-4 of the AVR for the July 1, 2024 valuation date, Cheiron is recommending new contribution rates for the Salaried Plan for the fiscal year beginning July 1, 2025:

### Classic Members

Employer Contribution Rate 42.52% Member Contribution Rate N/A

### PEPRA Members

Employer Contribution Rate 30.18%

Member Contribution Rate 6.50% (unchanged from FY 2025)

### **RESOLUTION NO. 2025-03-242**

### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD RESOLUTION

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

### March 19, 2025

# Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26

BE IT HEREBY RESOLVED BY THE BOARD OF DIRECTORS FOR THE RETIREMENT PLAN FOR THE SACRAMENTO REGIONAL TRANSIT DISTRICT EMPLOYEES WHO ARE MEMBERS OF AEA AS FOLLOWS:

THAT the AEA Board of Directors (Retirement Board) hereby accepts the Actuarial Valuation Report as of July 1, 2024 for the Sacramento Regional Transit District Retirement Plan for AFSCME, AEA, and Non-Represented Employees (Plan) which is attached as Exhibit A.

THAT the Retirement Board hereby approves the new Actuarially Determined Contribution Rates defined in the Actuarial Valuation Report for the Plan, to be effective July 1, 2025:

Classic Members

Employer Contribution Rate Member Contribution Rate	42.52% N/A
PEPRA Members Employer Contribution Rate Member Contribution Rate	30.18% 6.50%
	Russel Devorak, Chair
ATTEST:	
Henry Li, Secretary	By: John Gobel, Assistant Secretary

### **RESOLUTION NO. 2025-03-209**

### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD RESOLUTION

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 19, 2025

# Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26

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

THAT the AFSCME Board of Directors (Retirement Board) hereby accepts the Actuarial Valuation Report as of July 1, 2024 for the Sacramento Regional Transit District Retirement Plan for AFSCME, AEA, and Non-Represented Employees (Plan) which is attached as Exhibit A.

THAT the Retirement Board hereby approves the new Actuarially Determined Contribution Rates defined in the Actuarial Valuation Report for the Plan, to be effective July 1, 2025:

Classic Members

Employer Contribution Rate Member Contribution Rate	42.52% N/A
PEPRA Members Employer Contribution Rate Member Contribution Rate	30.18% 6.50%
	Peter Guimond, Chair
ATTEST:	
Henry Li, Secretary	By: John Gobel, Assistant Secretary

### **RESOLUTION NO. 2025-03-246**

### SACRAMENTO REGIONAL TRANSIT RETIREMENT BOARD RESOLUTION

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

### March 19, 2025

# Accept Actuarial Valuation and Approve Actuarially Determined Contribution Rates for Fiscal Year 2025-26

BE IT HEREBY RESOLVED BY THE BOARD OF DIRECTORS FOR THE RETIREMENT PLAN FOR THE SACRAMENTO REGIONAL TRANSIT DISTRICT EMPLOYEES WHO ARE MEMBERS OF MCEG AS FOLLOWS:

THAT the MCEG Board of Directors (Retirement Board) hereby accepts the Actuarial Valuation Report as of July 1, 2024 for the Sacramento Regional Transit District Retirement Plan for AFSCME, AEA, and Non-Represented Employees (Plan) which is attached as Exhibit A.

THAT the Retirement Board hereby approves the new Actuarially Determined Contribution Rates defined in the Actuarial Valuation Report for the Plan, to be effective July 1, 2025:

Classic Members Employer Contribution Rate Member Contribution Rate	42.52% N/A
PEPRA Members Employer Contribution Rate Member Contribution Rate	30.18% 6.50%
	Sandra Bobek, Chair
ATTEST:	
Henry Li, Secretary	By: John Gobel. Assistant Secretary



# Retirement Plan for Sacramento Regional Transit District Salaried Employees

Actuarial Valuation Report as of July 1, 2024

**Produced by Cheiron** 

March 2025

## TABLE OF CONTENTS

<u>Section</u>	<u>Pag</u>	<u>ge</u>
Letter of Tran	ısmittal i	i
Foreword	ii	i
Section I	Executive Summary	l
Section II	Disclosures Related to Risk	)
Section III	Assets	Ĺ
Section IV	Liabilities	5
Section V	Contributions	)
<u>Appendices</u>		
Appendix A	Membership Information	ļ
Appendix B	Statement of Actuarial Assumptions and Methods	3
Appendix C	Summary of Plan Provisions	3
Appendix D	Glossary	1





March 12, 2025

Retirement Boards of Sacramento Regional Transit District 2830 G Street Sacramento, CA 95816

Dear Members of the Boards:

At your request, we have conducted an actuarial valuation of the Retirement Plan for Salaried Employees of the Sacramento Regional Transit District Employees (SacRT, the Fund, the Plan) as of July 1, 2024. This report contains information on the Plan's assets and liabilities. This report also discloses employer contribution levels. Your attention is called to the Foreword in which we refer to the general approach employed in the preparation of this report.

The purpose of this report is to present the results of the annual actuarial valuation of the Plan. This report is for the use of the Retirement Boards and the auditors in preparing financial reports in accordance with applicable law and accounting requirements.

This report was prepared solely for the Retirement Boards for the purposes described herein, and for the use by the plan auditor in completing an audit related to the matters herein. Other users of this report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any other user.

This report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys and our firm does not provide any legal services or advice.

Sincerely, Cheiron

Graham A. Schmidt, FSA, EA, FCA, MAAA Principal Consulting Actuary Anne D. Harper, FSA, EA, MAAA Principal Consulting Actuary

ame Hayen

#### **FOREWORD**

Cheiron has performed the actuarial valuation of the Retirement Plan for Sacramento Regional Transit District Employees (SacRT, the Fund, the Plan) as of July 1, 2024. The valuation is organized as follows:

- In Section I, the **Executive Summary**, we describe the purpose of an actuarial valuation, summarize the key results found in this valuation, and disclose important trends.
- In Section II, **Disclosures Related to Risk**, we review the primary risks facing the District and quantify these using various risk and maturity measures.
- The **Main Body** of the report presents details on the Plan's
  - Section III Assets
  - Section IV Liabilities
  - Section V Contributions
- In the **Appendices**, we conclude our report with detailed information describing plan membership (Appendix A), actuarial assumptions and methods employed in the valuation (Appendix B), a summary of pertinent plan provisions (Appendix C), and a glossary of key actuarial terms (Appendix D).

Future results may differ significantly from the results of the current valuation presented in this report due to such factors as the following: plan experience differing from that anticipated by the assumptions; changes in assumptions; and, changes in plan provisions or applicable law.

In preparing our report, we relied on information (some oral and some written) supplied by the District's staff. This information includes, but is not limited to, plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.



#### **SECTION I – EXECUTIVE SUMMARY**

The primary purpose of the actuarial valuation and this report is to measure, describe, and identify the following as of the valuation date:

- The financial condition of the Plan,
- Past and expected trends in the financial progress of the Plan,
- Employer and member contribution rates for Plan Year 2025-2026, and
- An assessment and disclosure of key risks.

The information required under GASB Statements (Nos. 67 and 68) is included in a separate report, with the report for the Fiscal Year Ending June 30, 2024 provided to the Boards in August 2024.

In the balance of this Executive Summary, we present (A) the basis upon which this year's valuation was completed, (B) the key findings of this valuation including a summary of all key financial results, (C) changes in Plan cost, (D) an examination of the historical trends, and (E) the projected financial outlook for the Plan.

#### A. Valuation Basis

This valuation determines the employer and PEPRA member contributions for the plan year.

The Plan's funding policy is for the District to contribute an amount equal to the sum of:

- The normal cost under the Entry Age Normal Cost Method, net of any contributions by the members,
- Amortization of the Unfunded Actuarial Liability, and
- The Plan's expected administrative expenses.

This valuation was prepared based on the plan provisions shown in Appendix C. There have been no changes in plan provisions since the prior valuation.

A summary of the assumptions and methods used in the current valuation are shown in Appendix B. There have been no changes in assumptions or methods since the prior valuation.



#### **SECTION I – EXECUTIVE SUMMARY**

#### **B.** Key Findings of this Valuation

The key results of the July 1, 2024 actuarial valuation are as follows:

- The actuarially determined employer contribution rate decreased from 37.21% of payroll last year to 36.54% of payroll for the current valuation. This year's rate decreased due to offsetting factors but primarily from greater than expected payroll growth and the continued impact of PEPRA.
- The Plan's funded ratio, the ratio of Actuarial Value of Assets over Actuarial Liability, increased from 69.2% as of July 1, 2023 to 71.8% as of July 1, 2024. As a point of comparison, a funding ratio of 60.7% or more is required just to fund the liabilities of the inactive members: retired, disabled, terminated with vested benefits, and their beneficiaries. This ratio is sometimes referred to as the Inactive Funded Ratio.
- The Unfunded Actuarial Liability (UAL) is the excess of the Plan's Actuarial Liability over the Actuarial Value of Assets. The Plan experienced a decrease in the UAL from \$59,250,602 to \$56,731,037 as of July 1, 2024. This decrease in the UAL was primarily due to contributions being made to the Plan that exceed the Normal Cost plus the interest on the UAL.
- During the year ended June 30, 2024, the return on Plan assets was 11.63% on a market value basis net of investment expenses, as compared to the 6.75% assumption. This resulted in a market value gain on investments of \$6,419,228. The Actuarial Value of Assets recognizes 20% of the annual difference between the expected and actual return on the Market Value of Assets (MVA). This method of smoothing the asset gains and losses returned 7.54% on the smoothed value of assets, an actuarial asset gain of \$1,058,272.
- The Actuarial Value of Assets is currently 97.9% of the market value. Since actuarial assets are below market assets, there are unrecognized investment gains (approximately \$3.1 million) that will be reflected in the smoothed value in future years.
- The Plan experienced a liability loss of \$2,537,872 due primarily to lower actual mortality rates than expected among inactive participants. The Plan experienced a \$53,118 gain from expenses being less than expected, and a gain of \$586,901 from contributions being more than the actuarial cost. Combining all sources of actuarial experience, the Plan experienced a total loss of \$839,581.
- There were 23 new hires and rehires since July 1, 2023 and the total active population decreased by one. Total projected payroll increased 4.41% from \$31,883,356 to \$33,288,119 for 2024-2025.
- The impact of PEPRA continued to lower the employer cost. As more PEPRA members
  are hired, the average normal cost rate declines, because PEPRA members have lower
  benefits than the non-PEPRA members and they contribute approximately 50% of the



#### **SECTION I – EXECUTIVE SUMMARY**

PEPRA Normal Cost. As of June 30, 2024, PEPRA members make up approximately 54% of the active workforce.

Table I-1 summarizes the key results of the valuation with respect to membership, assets and liabilities, and contributions. The results are presented and compared for both the current and prior plan year.

	Table	e I-1				
Summary of	Princ	ipal Plan Results				
Valuation Date		July 1, 2023	July 1, 2024	% Change		
Participant Counts						
Active Participants		272	271	-0.37%		
Participants Receiving a Benefit		381	388	1.84%		
Terminated Vested Participants		49	54	10.20%		
Transferred Participants		2	1	-50.00%		
Non-Vested Participants Due Refund	_	18	28	55.56%		
Total		722	742	2.77%		
Annual Pay of Active Members	\$	31,883,356 \$	33,288,119	4.41%		
Assets and Liabilities						
Actuarial Liability (AL)	\$	192,344,323 \$	200,926,125	4.46%		
Actuarial Value of Assets (AVA)	_	133,093,721	144,195,088	8.34%		
Unfunded Actuarial Liability (UAL)	\$	59,250,602 \$	56,731,037	-4.25%		
Funded Ratio (AVA)		69.2%	71.8%	2.57%		
Market Value of Assets (MVA)	\$	130,990,428 \$	147,310,778	12.46%		
Funded Ratio (MVA)		68.1%	73.3%	5.21%		
Inactive Funded Ratio		62.3%	60.7%	-1.65%		
<b>Contributions</b>						
Employer Contribution Payable Monthly	\$	11,634,130 \$	11,906,385	2.34%		
Employer Contribution as a Percentage of Payroll		37.21%	36.54%	-0.67%		



#### **SECTION I – EXECUTIVE SUMMARY**

#### C. Changes in Contributions

Table I-2 summarizes the impact of actuarial experience on contributions.

Table I-2 Employer Contribution Reconciliation								
Normal UAL Admin								
Item	Total	Cost	Amortization	Expense				
FYE 2025 Employer Contribution Rate	37.21%	13.96%	22.34%	0.91%				
Change due to asset gains	-0.23%	0.00%	-0.23%	0.00%				
Change due to PEPRA	-0.39%	-0.39%	0.00%	0.00%				
Change due to demographic and liability changes	0.45%	-0.10%	0.55%	0.00%				
Change due to amortization payroll	-0.36%	0.00%	-0.35%	-0.01%				
Change due to contribution surplus	<u>-0.14%</u>	0.00%	<u>-0.14%</u>	<u>0.00%</u>				
Total Change	-0.67%	-0.49%	-0.17%	-0.01%				
FYE 2026 Employer Contribution Rate	36.54%	13.47%	22.17%	0.90%				

An analysis of the cost changes from the prior valuation reveals the following:

• Asset experience produced an investment gain on an actuarial basis.

The actuarial return on assets was 7.54%, which is more than the assumed rate of 6.75%. This resulted in a decrease in the contribution rate by 0.23% of payroll.

The Market Value of Assets is more than the actuarial value; there are approximately \$3.1 million in net deferred asset gains.

• Liability experience and changes in demographics (including PEPRA new hires) resulted in a marginal net increase in the contribution rate.

The employer portion of the normal cost for the new hires under the PEPRA benefit formula is lower than the normal cost for the non-PEPRA membership. The growth in the PEPRA membership resulted in a decrease in the average employer normal cost rate of 0.39% of payroll.

This was offset by the liability experience of the Plan – including rates of retirement, death, disability, and termination –somewhat different than predicted by the actuarial assumptions in aggregate. The liability experience, primarily driven by fewer retiree deaths than expected, and other changes in the population resulted in an increase in the contribution rate by 0.45% of payroll.

The net impact on the contribution rate from changes in liabilities and demographics was an increase of 0.06% of payroll.



#### **SECTION I – EXECUTIVE SUMMARY**

• Overall payroll growth was greater than expected.

The projected payroll grew by 4.41%, more than the assumed rate of 2.75%, which decreased the contribution rate by 0.36% of pay, since it results in the Plan's Unfunded Actuarial Liability and administrative expenses being spread over a larger payroll base.

• Contributions were more than the actuarially determined contribution.

Actual contributions were more than the total actuarially determined contribution (including expenses), which resulted in a decrease in the contribution rate by 0.14%.

The total impact on employer Plan contribution from all changes is a decrease of 0.67% of pay.



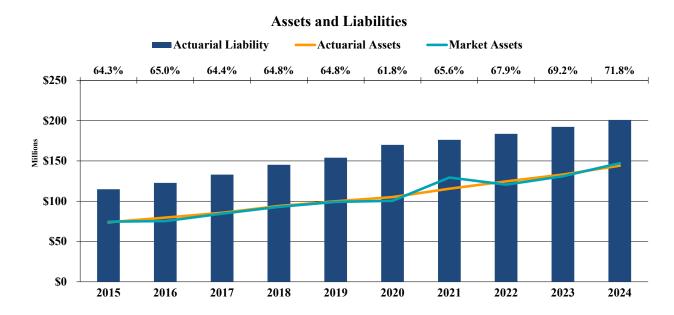
#### **SECTION I – EXECUTIVE SUMMARY**

#### **D.** Historical Trends

Despite the fact that for most retirement plans the greatest attention is given to the current valuation results and in particular, the size of the current Unfunded Actuarial Liability and the employer contribution, it is important to remember that each valuation is merely a snapshot in the long-term progress of a pension fund. It is also important to judge a current year's valuation result relative to historical trends, as well as trends expected into the future.

#### **Assets and Liabilities**

The chart compares the Market Value of Assets (MVA) and Actuarial Value of Assets (AVA) to the Actuarial Liabilities. The percentage shown at the top of the chart below is the ratio of the Actuarial Value of Assets to the Actuarial Liability (the funded ratio). The funded ratio increased from 64.3% in 2015 to 71.8% in 2024, primarily due to the contributions made to the Plan, despite decreases in the assumed rate of return from 7.50% to 6.75% over the same time period. The increase in the 2024 funded ratio is a result of contributions plus positive actuarial asset experience.



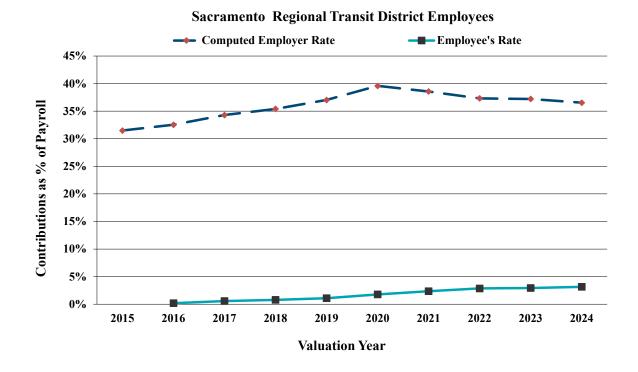


#### **SECTION I – EXECUTIVE SUMMARY**

#### **Contribution Trends**

In the following chart, we present the Plan's historical actuarially determined contribution rates and employee contribution rates. Employer contribution rates moderately increased from 2015 to 2020 due to changes in assumptions in 2017 and 2020, as well as actuarial losses each year (starting in 2018) on both assets and liabilities. The employer rates shown include the three-year phase-in of the impact of the 2020 assumption changes on the UAL payment. The contribution rate decreased in 2021 due to favorable investment experience, and decreased in 2022 through 2024 due to greater than expected payroll growth and increasing PEPRA membership.

The average employee contribution rate continues to increase as more PEPRA members enter and contribute to the Plan.



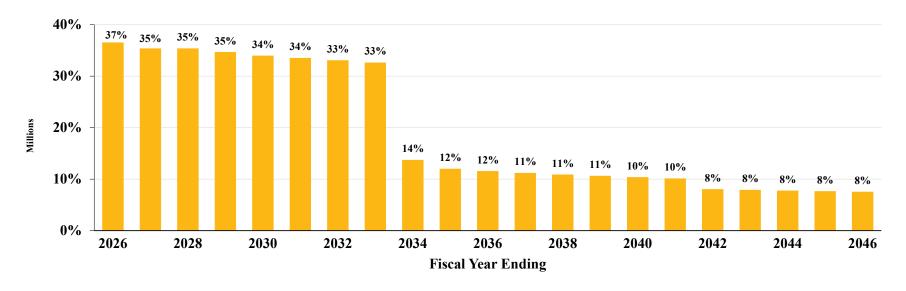


#### SECTION I – EXECUTIVE SUMMARY

### E. Future Expected Financial Trends

The analysis of projected financial trends is perhaps the most important component of this valuation. In this section, we present our assessment of the implications of the July 1, 2024 valuation results in terms of contribution levels and benefit security (assets over liabilities) and contribution levels. All the projections in this section are based on the assumption that the Plan will achieve exactly the 6.75% assumption each year, which is clearly an impossibility. We have also assumed future payroll growth of 2.75% per year and that there are no actuarial gains or losses or changes to the assumptions or funding policy.

#### Projection of Employer Contributions 6.75% return each year



The graph shows that the District's contribution rate is expected to remain relatively level over the next several years, declining gradually as the current year asset gains continue to be recognized, offsetting the FYE 2022 losses, and as the employer-paid portion of the normal cost decreases as PEPRA membership increases. The employer contribution rate is expected to decline substantially in FYE 2034, once the largest layer of the unfunded liability (the UAL that existed as of June 30, 2019) is fully amortized.

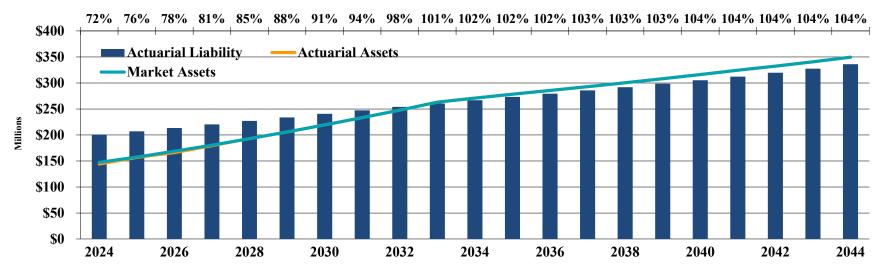


#### **SECTION I – EXECUTIVE SUMMARY**

The employer actuarial cost will be approximately \$12.5 million in 2025-2026, and is expected to increase to \$13.5 million in 2032-2033 with payroll growth, then expected to drop significantly between \$4.3 million and \$5.8 million in the following years, when the bulk of the unfunded liability amortization payment disappears.

The following graph shows the projection of assets and liabilities assuming that assets will earn 6.75% each year during the projection period and that all other actuarial assumptions are met. The funded status is expected to increase steadily as the existing unfunded liability is fully amortized. The Plan is expected to be fully funded in 2033, one year earlier than in the July 1, 2023 valuation. However, it is primarily the actual return on Plan assets that will determine the future funding status and contribution rate to the Plan.

#### **Projection of Assets and Liabilities 6.75% return each year**





#### SECTION II – DISCLOSURES RELATED TO RISK

Actuarial valuations are based on a set of assumptions about future economic and demographic experience. These assumptions represent a reasonable estimate of future experience, but actual future experience will undoubtedly be different and may vary significantly.

Actuarial Standard of Practice (ASOP 51) requires actuaries to identify and assess risks that "may reasonably be anticipated to significantly affect the plan's future financial condition." This section of the report is intended to identify the primary risks to the Plan, provide some background information about those risks, and provide an assessment of those risks.

#### **Identification of Risks**

The fundamental risk to a pension plan is that the contributions needed to pay the benefits become unaffordable. Even in the case that the Plan remains affordable, the contributions needed to support the Plan may differ significantly from expectations. While there are a number of factors that could lead to contribution amounts deviating from expectations, we believe the primary risks are:

- Investment risk,
- Assumption change risk,
- Longevity and other demographic risk, and
- Contribution risk.

Other risks that we have not identified may also turn out to be important.

Investment Risk is the potential for investment returns to be different than expected. Lower investment returns than anticipated will increase the Unfunded Actuarial Liability necessitating higher contributions in the future unless there are other gains that offset these investment losses. The potential volatility of future investment returns is determined by the Plan's asset allocation and the affordability of the investment risk is determined by the amount of assets invested relative to the size of the plan sponsor or other contribution base.

Assumption change risk is the potential for the environment to change such that future valuation assumptions are different than the current assumptions. For example, declines in interest rates over the last three decades (which have recently reversed) resulted in higher investment returns for fixed-income investments, but lower expected future returns necessitating either a change in investment policy, a reduction in discount rate, or some combination of the two. Assumption change risk is an extension of the other risks identified, but rather than capturing the risk as it is experienced, it captures the cost of recognizing a change in environment when the current assumption is no longer reasonable.

Longevity and other demographic risks are the potential for mortality or other demographic experience to be different than expected. Generally, longevity and other demographic risks emerge slowly over time and are often dwarfed by other changes, particularly those due to investment returns. However, for this plan there have been substantial liability losses over the

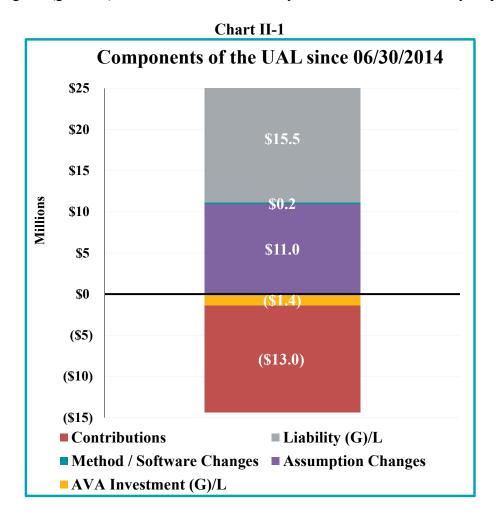


#### SECTION II - DISCLOSURES RELATED TO RISK

last 10 years, driven by higher-than-expected pay increases for continuing active members and lower than expected mortality rates among inactive participants.

Contribution risk is the potential for actual future contributions to deviate from expected future contributions. There are different sources of contribution risk ranging from the sponsor choosing to not make contributions in accordance with the funding policy to material changes in the contribution base (e.g., covered employees, covered payroll, sponsor revenue) that affect the amount of contributions the Plan can collect.

The chart below shows the components contributing to the Unfunded Actuarial Liability (UAL) from June 30, 2014 through June 30, 2024. Over the last 10 years, the UAL has increased by approximately \$12.3 million. The liability losses (gray bar) resulting in a total UAL increase of \$15.5 million is the largest source of UAL growth, followed by assumption changes (\$11.0 million, purple bar). The contributions have been above the "tread water" level (described later in this section, shown in the red bar), resulting in a decrease of \$13.0 million in the UAL. Net investment gains (gold bar) have decreased the UAL by \$1.4 million over the 10-year period.



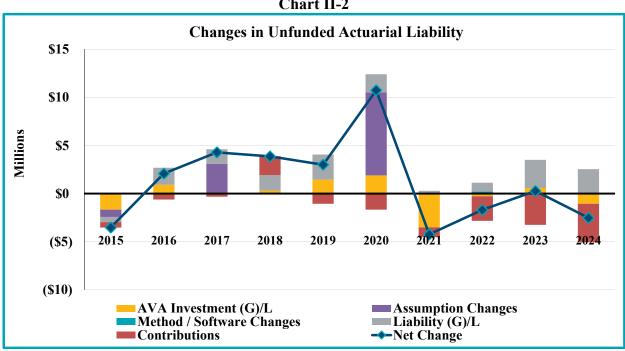
**CHEIRON** 

#### SECTION II – DISCLOSURES RELATED TO RISK

Each year, the UAL is expected to increase for benefits earned in the current year (the normal cost), administrative expenses, and interest on the UAL. This expected increase is referred to as the tread water level. If contributions are greater than the tread water level, the UAL is expected to decrease. Conversely, if contributions are less than the tread water level, the UAL is expected to increase. The amortization policy (as well as the contribution-timing lag) can impact whether or not the contributions exceed the tread water level. Contributions above the "tread-water" level (red bar) have decreased the UAL by \$13.0 million.

In addition, actuarial method and software changes (teal bar) have increased the UAL by \$0.2 million since June 30, 2014.

Chart II-2 below details the annual sources of the UAL change (colored bars) for each valuation year. The net UAL change for each year is represented by the blue diamonds.



**Chart II-2** 

The impact of all assumption changes is represented by the purple bars. In 2015 and 2020, there were experience studies performed. The experience study in 2015 resulted in a slight reduction in the liabilities. In 2020, significant increases were primarily due to salary merit and retirement rate changes and reductions in the discount rate. The assumed rate of return was also reduced in 2017.

On the liability side (gray bars), the Plan has mostly experienced losses, increasing the UAL by approximately \$15.5 million over the 10-year period resulting from participants retiring, terminating, becoming disabled and dying at rates different from the actuarial assumptions as well as unexpected changes in salaries. Most of this type of activity is normal in the course of



#### SECTION II - DISCLOSURES RELATED TO RISK

Plan experience. The Plan will experience actuarial gains and losses over time because we cannot predict exactly how people will behave. However, the Plan experienced some significant liability losses from 2016 to 2020 and 2022 to 2024, which indicated the potential need to update some of the assumptions, which was done as part of the 2020 experience study and will be done for the 2025 experience study.

The shortening of the amortization period has resulted in UAL reductions from contributions over the last several years, except in 2018, where the shortfall was due to the phase-in of the 2017 assumption change impact.

While the net investment gains and losses have not been the largest driver of UAL changes over the past 10 years, the year-to-year investment volatility can have a large impact on the UAL and is unpredictable. For example, the actuarial investment gain in 2021 was \$3.5 million compared to the \$1.9 million actuarial loss in the 2020 valuation.

Table II-1 below shows the same information as Chart II-2, but the annual source of the UAL change is shown numerically.

Table II-1 Unfunded Actuarial Liability (UAL) Change by Source						
Valuation Year	Assumption Changes	Method / Software Changes	Contributions	Investment Experience	Liability Experience	Total UAL Change
2015	(757,047)	0	(562,761)	(1,662,717)	(541,993)	(3,524,518)
2016	0	0	(614,979)	917,324	1,775,915	2,078,260
2017	3,108,901	0	(229,830)	(85,065)	1,495,305	4,289,311
2018	(18,542)	0	1,958,532	321,313	1,603,565	3,864,868
2019	0	0	(1,060,592)	1,451,131	2,611,134	3,001,672
2020	8,637,242	0	(1,661,284)	1,894,074	1,867,525	10,737,558
2021	0	0	(1,025,135)	(3,497,592)	290,705	(4,232,022)
2022	0	191,914	(2,550,308)	(277,153)	945,804	(1,689,742)
2023	0	0	(3,247,719)	578,763	2,936,106	267,150
2024	0	0	(3,999,164)	(1,058,272)	2,537,872	(2,519,565)
Total	\$ 10,970,554	\$ 191,914	\$ (12,993,240)	\$ (1,418,194)	\$ 15,521,938	\$ 12,272,972



#### SECTION II – DISCLOSURES RELATED TO RISK

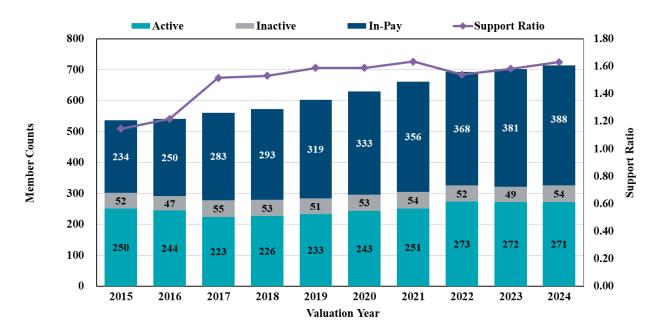
#### **Plan Maturity Measures**

The future financial condition of a mature pension plan is more sensitive to each of the risks identified above than a less mature plan. Before assessing each of these risks, it is important to understand the maturity of the plan compared to other plans and how the maturity has changed over time.

Plan maturity can be measured in a variety of ways, but they all get at one basic dynamic – the larger the plan is compared to the contribution or revenue base that supports it; the more sensitive the plan will be to risk. The measures on the following pages have been selected as the most important in understanding the primary risks identified for the plan.

#### **Inactives per Active (Support Ratio)**

One simple measure of plan maturity is the ratio of the number of inactive members (those receiving benefits or inactives – those entitled to a deferred benefit) to the number of active members. The Support Ratio is expected to increase gradually as a plan matures. The chart below shows the Support Ratio has grown from 1.1 in 2015 to 1.6 in 2024 as the number of retired members increased at a faster rate than the number of active members, particularly from 2016 to 2017 when the active population declined while the retiree population grew by 13%.



#### Leverage Ratios

Leverage or volatility ratios measure the size of the plan compared to its revenue base more directly. The asset leverage ratio is simply the Market Value of Assets to active member payroll and indicates the sensitivity of the Plan to investment returns. The liability leverage ratio is the



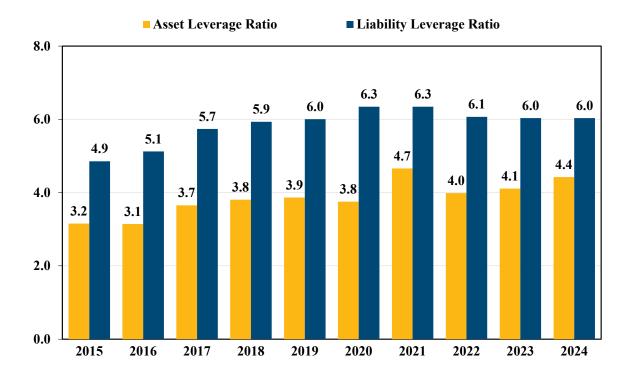
#### SECTION II - DISCLOSURES RELATED TO RISK

Plan's Actuarial Liability to active member payroll and indicates the sensitivity of the Plan to assumption changes or demographic experience.

The Plan assets are currently over four times of covered payroll. As the Plan becomes better funded, the asset leverage ratio will increase, and if it was 100% funded, the asset leverage ratio would be six and equal the Actuarial Liability (AL) leverage ratio. Although both of these ratios are lower than those of many other public plans, the increase in the asset leverage ratio expected to accompany an improvement in the Plan's funding still represents a substantial increase in the volatility of the contributions.

An asset leverage ratio of 4.4 means that if the Plan's assets lose 10% of their value (a 16.75% actuarial loss compared to the expected return of 6.75%), the loss is about 74% of payroll (4.4 x 16.75%). Based on the proposed amortization policy, the contribution rate would ultimately increase by approximately 5.4% of payroll if asset smoothing were not applied and the loss were amortized over 20 years. The same investment loss if the Plan were 100% funded would be around 101% of payroll and an ultimate contribution rate increase of about 7.3% of payroll, if amortized over 20 years.

The chart below shows the historical leverage ratios of the Plan. Both leverage ratios have increased since 2015.





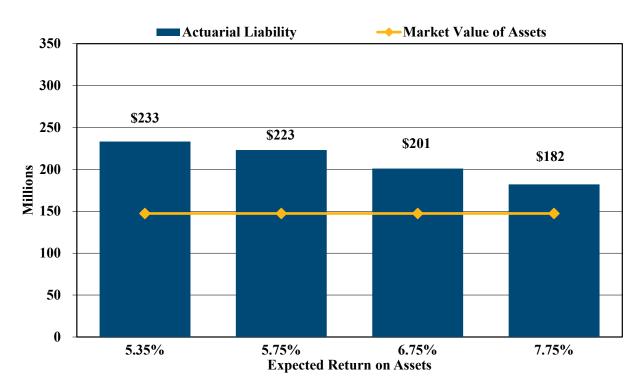
#### SECTION II – DISCLOSURES RELATED TO RISK

#### **Assessing Costs and Risks**

#### **Sensitivity to Investment Returns**

The chart below compares the Market Value of Assets (line) to the Actuarial Liabilities (bars) discounted at the current expected rate of return (6.75%) and at discount rates 100 basis points above and below the expected rate of return. In addition, we have included an additional measurement, the Low Default Risk Obligation Measure (LDROM), which is the Actuarial Liability using a discount rate derived from low-default-risk fixed income securities that approximately match the benefit payments of the plan.

#### **Actuarial Liability versus Assets**



If investments return 6.75% annually, the Plan would need approximately \$201 million in assets today to pay the benefits associated with service earned to date, compared to the current Market Value of Assets of \$147 million. If investment returns are only 5.75%, the Plan would need approximately \$223 million in assets today, and if investment returns are 7.75%, the Plan would need approximately \$182 million in assets today.

The Plan is invested in a diversified portfolio to achieve the best possible returns at an acceptable level of risk. The average geometric return over the last 10 years is 6.7%. Please refer to Table III-5 (page 25) for the asset returns by year since 2010.



#### SECTION II – DISCLOSURES RELATED TO RISK

The low-risk portfolio for a pension plan would be composed entirely of low-default-risk fixed income securities whose cash flows approximately match the benefit cash flows of the plan. However, such a portfolio would have a lower expected rate of return (5.35% as of June 30, 2024<sup>1</sup>) than the diversified portfolio (6.75%). The LDROM represents what the present value of future benefits would be if the Plan's assets were invested in such a portfolio. As of June 30, 2024, the LDROM is \$233 million compared to the Actuarial Liability of \$201 million for the Plan. The \$32 million difference can be viewed as the expected savings from taking on the investment risk of the diversified portfolio. Alternatively, it can be viewed as the potential cost of minimizing the investment risk.

If the Plan were to be invested in the LDROM portfolio and not a diversified portfolio, the funded status would be lower, and the expected contribution requirements would increase. The security of the Plan's pension benefits relies on current assets, future investment earnings, and the ability and willingness of employers to make future contributions. If the Plan were to be invested in the LDROM portfolio, it would not change current assets, but it could potentially reduce future investment earnings, potentially changing the level of reliance on future employer contributions. However, investing in an LDROM portfolio would generate more predictable future investment earnings and future contributions.

<sup>&</sup>lt;sup>1</sup> Assumes a 5.35% discount rate, which is based on the June 30, 2024 FTSE Pension Liability Index and all other assumptions and methods as used to calculate the Actuarial Liability.



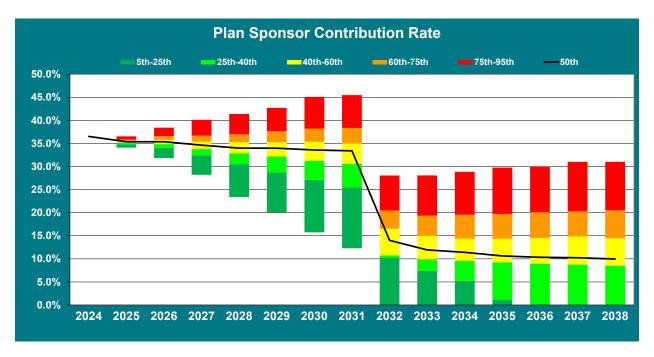
\_

#### SECTION II - DISCLOSURES RELATED TO RISK

#### **Stochastic Projections**

Stochastic projections serve to show the range of probable outcomes of various measurements. The chart below and on the following page show the projected range of the employer contribution rate and of the funded ratio on an Actuarial Value of Assets basis. The range in both scenarios is driven by the volatility of investment returns (assumed to be based on a 12.4% standard deviation of annual returns, as provided by the Plan's investment consultant and described in the 2020 Experience Study Report). The stochastic projections of investment returns are based on an assumption that each future year's investment return is independent from all other years and is identically distributed according to a lognormal distribution. This assumption may result in an unrealistically wide range of compound investment returns over longer periods.

#### Stochastic Projection of Employer Contributions as a Percent of Pay

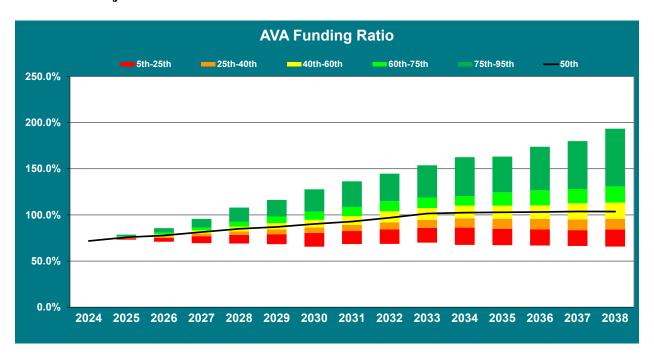


The stochastic projection of employer contributions, shown here as of the valuation date and payable the following fiscal year, shows the probable range of future contribution rates as a percentage of pay. The baseline contribution rate (black line), which is based on the median of the simulations using an average return of 6.75%, aligns closely with the projections discussed in subsection D of the Executive Summary of this report. In the most pessimistic scenario shown, the 95<sup>th</sup> percentile, the projected employer contribution rate is about 45% of pay for the 2031 valuation (FYE 2033). Conversely, the most optimistic scenario shown, the 5<sup>th</sup> percentile, the projected employer contribution falls to 20% starting with the 2029 valuation (FYE 2031). We note that these projections set the employer contribution to not fall below the normal cost unless the funded ratio exceeds 120%, as required under PEPRA.



#### SECTION II - DISCLOSURES RELATED TO RISK

#### Stochastic Projection of Funded Ratio on an Actuarial Value of Assets Basis



The graph above shows the projection of the funded ratio based on the Actuarial Value of Assets. It is based on the Plan's layered amortization policy, where the UAL as of July 1, 2019 is paid off over the next eight years, and all future gains or losses are amortized over new closed 20-year periods. While the baseline-funded ratio (black line) is projected to be nearly 100% at the end of the period shown here, there is a wide range of potential outcomes. Good investment returns have the likelihood of bringing the funded ratio well over 100%.

Under the current funding policy of the Plan, even in scenarios with unfavorable investment returns the Plan is projected to remain close to 60-65% funded on an Actuarial Value of Assets basis, as long as the actuarially determined contributions continue to be made.

#### **Contribution Risk**

While investment returns are typically the dominant factor in volatility, contribution rates can also be sensitive to future salary increases and the hiring of new members. When member payroll growth stagnates or even declines, the dollar level of contributions made to the Plan also stagnates or declines since contributions are based on payroll levels, though this will generally only present a funding issue if there is an extended period of payroll reductions.

There is also a risk of the contribution rate increasing even higher when payroll decreases since the Plan's funding policy amortizes the UAL as a level percentage of pay. This means that the UAL payments increase at the assumed payroll growth rate of 2.75%, so that the payment is expected to remain constant as a percentage of payroll. If payroll growth is less than the expected 2.75% or there is a decline in payroll, the UAL payments are spread over a smaller payroll base



#### SECTION II – DISCLOSURES RELATED TO RISK

and the contribution rate as a percentage of pay increases, making the Plan less affordable for those sponsors with declining payroll bases.

For example, the UAL Amortization rate as of June 30, 2024 for the FYE 2026 is 22.17%. If the projected payroll for FYE 2026 were 2.75% lower, all else being equal, the UAL Amortization rate would increase to 22.79%.

#### **More Detailed Assessment**

While a more detailed assessment is always valuable to enhance the understanding of the risks identified above, we believe the scenarios illustrated above cover the primary risks facing the Plan at this time. We would be happy to provide the Board with a more in-depth analysis at their request.



#### **SECTION III - ASSETS**

Pension Plan assets play a key role in the financial operation of the Plan and in the decisions the Board may make with respect to future deployment of those assets. The level of assets, the allocation of assets among asset classes, and the methodology used to measure assets will likely impact benefit levels, employer contributions, and the ultimate security of participants' benefits.

In this section, we present detailed information on Plan assets including:

- **Disclosure** of Plan assets as of June 30, 2023 and June 30, 2024
- Statement of the changes in market values during the year
- Development of the Actuarial Value of Assets

#### **Disclosure**

There are two types of asset values disclosed in the valuation, the Market Value of Assets and the Actuarial Value of Assets. The market value represents "snapshot" or "cash-out" values, which provide the principal basis for measuring financial performance from one year to the next. Market values, however, can fluctuate widely with corresponding swings in the marketplace. As a result, market values are usually not as suitable for long-range planning as are the Actuarial Value of Assets, which reflect smoothing of annual investment returns.

Table III-1 discloses and compares each component of the market asset value as of June 30, 2023 and June 30, 2024.

	Table III-1					
Statement of	f Assets at M	arket Value				
June 30,						
Investments		2023		2024		
Cash and Cash Equivalents	\$	6,625,345	\$	7,114,212		
Equity Securities		91,300,409		104,219,326		
Fixed Income Securities		28,355,454		34,975,244		
Real Estate		11,252,703		10,453,950		
Total Investments	\$	137,533,911	\$	156,762,732		
Receivables:						
Securities Sold	\$	2,327,121	\$	1,228,144		
Interest and Dividends		210,244		226,553		
Other Receivable		43,849	_	79,042		
Total Receivables	\$	2,581,214	\$	1,533,739		
Payables						
Accounts Payable	\$	(138,825)	\$	(144,234)		
Benefits Payable		0		0		
Other Payable		(8,985,872)	_	(10,841,459)		
Total Payables	\$	(9,124,697)	\$	(10,985,693)		
Market Value of Assets	\$	130,990,428	\$	147,310,778		



#### **SECTION III – ASSETS**

### **Changes in Market Value**

The components of asset change are:

- Contributions (employer and employee)
- Benefit payments
- Expenses (investment and administrative)
- Investment income (realized and unrealized)

Table III-2 shows the components of a change in the Market Value of Assets during 2023 and 2024.

Table III-	-2					
Changes in Market Values						
		<u>2023</u>		<u>2024</u>		
Contributions						
Employer's Contribution	\$	11,561,711	\$	12,363,514		
Members' Contributions		858,224	_	1,005,691		
Total Contributions	\$_	12,419,935	\$_	13,369,205		
<b>Investment Income</b>						
Interest & Dividends	\$	2,281,018	\$	2,458,940		
Realized & Unrealized Gain/(Loss)		8,114,860		13,498,308		
Other Investment Income		0		(		
Investment Expenses		(621,476)	_	(662,130		
Total Investment Income	\$_	9,774,402	\$_	15,295,118		
Disbursements						
Benefit Payments	\$	(11,781,877)	\$	(12,104,624		
Administrative Expenses		(253,898)		(239,349		
Transfer from/(to) Union Plans		248,765		(		
Total Disbursements	\$_	(11,787,010)	\$_	(12,343,973		
Net increase (Decrease)	\$	10,407,327	\$	16,320,350		
Net Assets Held in Trust for Benefits:						
Beginning of Year	\$	120,583,101	\$_	130,990,428		
End of Year	\$ _	130,990,428	\$ _	147,310,778		
Approximate Return		8.08%		11.639		
Administrative Expenses as a Percentage of Mean Assets		0.19%		0.169		



#### **SECTION III – ASSETS**

### **Actuarial Value of Assets (AVA)**

The Actuarial Value of Assets represents a "smoothed" value developed by the actuary to reduce the volatile results that could develop due to short-term fluctuations in the Market Value of Assets. For this Plan, the Actuarial Value of Assets is calculated on a modified market-related value. The Market Value of Assets is adjusted to recognize, over a five-year period, investment earnings which are greater than (or less than) the assumed investment return.

Table III-3  Development of Actuarial Value of Assets as of July 1, 2024							
	(a)	(b)	(c)	(d)	(e) = (d) - (c)	(f)	$(g) = (e) \times (f)$
	Total	Total	Expected	Actual	Additional	Not	Unrecognized
Year	Contributions	Disbursements	Return	Return	Earnings	Recognized	Earnings
2019-2020	9,519,564	(9,679,636)	7,185,291	1,526,151	(5,659,140)	0%	0
2020-2021	10,273,680	(10,435,774)	6,781,890	28,976,644	22,194,754	20%	4,438,951
2021-2022	11,698,281	(10,680,299)	8,766,050	(9,801,602)	(18,567,652)	40%	(7,427,061)
2022-2023	12,419,935	(11,787,010)	8,160,372	9,774,402	1,614,030	60%	968,418
2023-2024	13,369,205	(12,343,973)	8,875,890	15,295,118	6,419,228	80%	5,135,382
1. Total Unreco	ognized Dollars	ı					3,115,690
2. Market Valu	e of Assets as o	of June 30, 2024					147,310,778
3. Actuarial Va	lue of Assets a	s of June 30, 2024	l: [(2) - (1)]				144,195,088
4. Ratio of Act	uarial Value to	Market Value					97.88%
$[(3) \div (2)]$							



#### **SECTION III – ASSETS**

### **Investment Performance**

The following table calculates the investment related gain/loss for the Plan year on both a market value and an actuarial value basis. The market value gain/loss is an appropriate measure for comparing the actual asset performance to the previous valuation's long-term 6.75% assumption.

Table III-4 Asset Gain/(Loss)					
		Market Value	A	Actuarial Value	
July 1, 2023 value	\$	130,990,428	\$	133,093,721	
Employer Contributions		12,363,514		12,363,514	
Employee Contributions		1,005,691		1,005,691	
Benefit Payments and Expenses		(12,343,973)		(12,343,973)	
Transfer In / (Out) from ATU		-		-	
Expected Investment Earnings (6.75%)		8,875,890		9,017,863	
Expected Value June 30, 2024	\$	140,891,550	\$	143,136,816	
Investment Gain / (Loss)		6,419,228		1,058,272	
July 1, 2024 value	\$	147,310,778	\$	144,195,088	
Return		11.63%		7.54%	



#### **SECTION III – ASSETS**

The table below shows the historical annual asset returns on a market value and actuarial value basis.

Table III-5 Historical Return on Assets					
Year Ended June 30	Market Value Return	Actuarial Value Return			
2010	14.58%	2.04%			
2011	19.71%	5.16%			
2012	1.95%	3.62%			
2013	13.96%	6.88%			
2014	15.23%	12.42%			
2015	2.98%	10.16%			
2016	-0.53%	6.27%			
2017	12.47%	7.61%			
2018	7.07%	6.88%			
2019	6.05%	5.71%			
2020	1.54%	5.35%			
2021	28.84%	10.08%			
2022	-7.55%	6.99%			
2023	8.08%	6.29%			
2024	11.63%	7.54%			



#### **SECTION IV – LIABILITIES**

In this section, we present detailed information on Plan liabilities including:

- **Disclosure** of Plan liabilities on July 1, 2023 and July 1, 2024
- Statement of **changes** in these liabilities during the year

#### **Disclosure**

Several types of liabilities are calculated and presented in this report. Each type is distinguished by the people ultimately using the figures and the purpose for which they are using them. Note that these liabilities are not applicable for settlement purposes, including the purchase of annuities and the payment of lump sums.

- **Present Value of Future Benefits:** Used for measuring all future Plan obligations, represents the amount of money needed today to fully fund all benefits of the Plan both earned as of the valuation date and those to be earned in the future by current plan participants, under the current Plan provisions.
- Actuarial Liability: Used for funding calculations, the normal cost rate is equal to the total projected value of benefits at entry age, divided by present value of future salary at entry age. The dollar amount of the normal cost equal to the normal cost rate multiplied by each member's projected pay. The Actuarial Liability is the portion of the present value of future benefits not covered by future expected normal costs. This method is called **Entry Age to Final Decrement** (EAFD).
- Unfunded Actuarial Liability: The excess of the Actuarial Liability over the Actuarial Value of Assets.

Table IV-1 discloses each of these liabilities for the current and prior valuations.

Table	IV-1		
Liabilities/Net (Su	rplus)	/Unfunded July 1, 2023	July 1, 2024
Present Value of Future Benefits			
Active Participant Benefits	\$	113,439,077 \$	120,105,517
Retiree and Inactive Benefits		119,903,019	121,938,533
Present Value of Future Benefits (PVB)	\$	233,342,096 \$	242,044,050
Actuarial Liability			
Present Value of Future Benefits (PVB)	\$	233,342,096 \$	242,044,050
Present Value of Future Normal Costs (PVFNC)		40,997,773	41,117,925
Actuarial Liability (AL = PVB – PVFNC)	\$	192,344,323 \$	200,926,125
Actuarial Value of Assets (AVA)		133,093,721	144,195,088
Net (Surplus)/Unfunded (AL – AVA)	\$	59,250,602 \$	56,731,037



#### **SECTION IV – LIABILITIES**

#### **Changes in Liabilities**

Each of the Liabilities disclosed in the prior table are expected to change at each valuation. The components of that change, depending upon which liability is analyzed, can include:

- New hires since the last valuation
- Benefits accrued since the last valuation
- Plan amendments increasing benefits
- Passage of time which adds interest to the prior liability
- Benefits paid to retirees since the last valuation
- Participants retiring, terminating, or dying at rates different than expected
- A change in actuarial or investment assumptions
- A change in the actuarial funding method or software
- Transfers of liabilities from one plan to another

Unfunded liabilities will change because of all of the above, and also due to changes in Plan assets resulting from:

- Employer contributions different than expected
- Investment earnings different than expected
- A change in the method used to measure plan assets
- Transfer of assets from one plan to another

Table IV-2 Changes in Actuarial Liability					
Actuarial Liability at July 1, 2023	\$	192,344,323			
Actuarial Liability at July 1, 2024	\$	200,926,125			
Liability Increase (Decrease)		8,581,802			
Change due to:					
Actuarial Methods / Software Changes	\$	0			
Plan Changes		0			
Assumption Changes		0			
Transfer In / (Out) from ATU		0			
Accrual of Benefits		5,388,287			
Actual Benefit Payments		(12,104,624)			
Interest		12,760,267			
Actuarial (Gain)/Loss		2,537,872			



#### **SECTION IV – LIABILITIES**

Table IV-3 Development of Actuarial Gain / (Loss)	
1. Unfunded Actuarial Liability at Start of Year (not less than zero)	\$ 59,250,602
2. Employer Normal Cost at Middle of Year	5,388,287
3. Interest on 1. and 2. to End of Year	4,178,301
4. Expected Contributions and Admin Expenses in Prior Year	12,510,402
5. Interest on 4. to End of Year	415,332
6. Change in Unfunded Actuarial Liability Due to Changes in Actuarial Methods	0
7. Change in Unfunded Actuarial Liability Due to Changes in Assumptions	0
8. Change in Unfunded Actuarial Liability Due to Changes in Plan Design	0
9. Expected Unfunded Actuarial Liability at End of Year [1. + 2. + 3 4 5. + 6. + 7. + 8.]	\$ 55,891,456
10. Actual Unfunded Actuarial Liability at End of Year (not less than zero)	56,731,037
11. Actuarial Gain / (Loss) [9. – 10.]	\$ (839,581)
Actuarial Gain / (Loss) From Liabilities more than expected Actuarial Gain / (Loss) From Actuarial Asset returns more than expected Actuarial Gain / (Loss) From Expenses less than expected Actuarial Gain / (Loss) From Contributions more than Actuarial Cost Actuarial Gain / (Loss) From Transfer from ATU	(2,537,872) 1,058,272 53,118 586,901 0



#### **SECTION V – CONTRIBUTIONS**

In the process of evaluating the financial condition of any pension plan, the actuary analyzes the assets and liabilities to determine what level (if any) of contributions is needed to properly maintain the funding status of the Plan. Typically, the actuarial process will use a funding technique that will result in a pattern of contributions that are both stable and predictable.

For this Plan, the actuarial funding method used to determine the normal cost and the Unfunded Actuarial Liability is the **Entry Age to Final Decrement (EAFD)** cost method.

The normal cost rate for each member is determined with the normal cost percentage equal to the total projected value of benefits at entry age, divided by present value of future salary at entry age. Normal cost contributions are assumed to be made throughout the year, or on average mid-year.

The Unfunded Actuarial Liability is the difference between the EAFD Actuarial Liability and the Actuarial Value of Assets. The UAL rate is based on an eight year level percentage of payroll amortization of the remainder of the Unfunded Actuarial Liability as of July 1, 2019, again assuming mid-year payment to reflect the fact that employer contributions are made throughout the year. Effective July 1, 2020, unexpected changes in the UAL are amortized over new closed 20-year schedules, known as layered amortization. The payment for the UAL layer associated with the assumption changes adopted as part of the July 1, 2020 actuarial valuation was phased-in over a three-year period.

Beginning with the July 1, 2013 actuarial valuation, an amount equal to the expected administrative expenses for the Plan is added directly to the actuarial cost calculation. Previously, this cost was implicitly included in the calculation of the normal cost and unfunded liability payment, based on the use of a discount rate that was net of anticipated administrative expenses.

Members hired on or after January 1, 2015 contribute half of the normal cost of the Plan rounded to the nearest 0.25%. Once established, contribution rate for New Members is adjusted to reflect a change in the normal cost rate, but only if the normal cost rate changes by more than 1% of payroll. For the Fiscal Year 2024-2025, the contribution rate for PEPRA members was 6.50% of payroll (based on 1/2 of 13.08%, rounded to the nearest quarter). The normal cost rate for the PEPRA members as of the July 1, 2024 valuation is 13.61%, and since the increase is less than 1%, the rate for the following fiscal year will not change. Table V-4 contains the details of this calculation.

The tables on the following pages present the employer contributions for the Plan for the current and prior valuations as well as details on the amortization of the UAL.



Table V-1						
Development of Employer Contrib	utio	n Amount				
		July 1, 2023		July 1, 2024		
1. Entry Age Normal Cost (Middle of Year)						
a. Termination	\$	416,798	\$	426,157		
b. Retirement		4,499,876		4,588,274		
c. Disability		0		0		
d. Death		104,821		105,182		
e. Refunds		89,759		99,504		
f. Total Normal Cost (a) + (b) + (c) + (d) + (e)	\$	5,111,254	\$	5,219,117		
2. Entry Age Actuarial Liability						
Active Members						
a. Termination	\$	680,075	\$	597,045		
b. Retirement		70,909,697		77,602,241		
c. Disability		0		0		
d. Death		1,124,726		1,182,904		
e. Refunds		(273,194)		(394,598)		
f. Total Active Liability: $(a) + (b) + (c) + (d) + (e)$ Inactive Members	\$	72,441,304	\$	78,987,592		
g. Termination	\$	5,904,769	\$	6,041,026		
h. Retirement		107,329,047		109,004,060		
i. Disability		895,499		879,151		
j. Death		5,658,180		5,744,325		
k. Non-Vested Due Refund		106,704		267,608		
l. Transfer		8,820		2,363		
m. Total Inactive Liability: $(g) + (h) + (i) + (j) + (k) + (l)$	\$	119,903,019	\$	121,938,533		
n. Total Entry Age Actuarial Liability: (2f) + (2m)	\$	192,344,323	\$	200,926,125		
3. Actuarial Value of Assets	\$	133,093,721	\$	144,195,088		
4. Unfunded Actuarial Liability: (2n) - (3)	\$	59,250,602	\$	56,731,037		
<ol><li>Unfunded Actuarial Liability Amortization at Middle of Year as a Level Percentage of Payroll</li></ol>	\$	7,122,115	\$	7,378,829		
6. Expected Administrative Expenses	\$	290,760	\$	298,029		
7. Expected Member Contributions	\$	(889,999)	\$	(989,590)		
8. Employer Contribution Payable in Monthly Installments: $(1f) + (5) + (6) + (7)$	\$	11,634,130		11,906,385		
9. Covered Payroll (Normal Cost)	\$	30,238,083	\$	31,402,198		
10. Covered Payroll (UAL Amort and Expenses)	\$	31,883,356	*	33,288,119		
11. Employer Contribution as a Percent of Covered Payroll: [(1f) + (7)] / (9) + [(5) + (6)] / (10)	Ψ	37.21%	Ψ	36.54%		



Table V-2 Development of Amortization Payment								
Type of Base	Date <u>Established</u>	Initial <u>Amount</u>	Initial Amortization <u>Years</u>		7/1/2024 Outstanding <u>Balance</u>	Remaining Amortization <u>Years</u>		Amortization <u>Amount</u>
Remaining UAL as of 2019	7/1/2019 \$	54,167,658	13	\$	41,875,573	8	\$	6,158,068
7/1/2020 Experience	7/1/2020	3,804,295	20		3,629,886	16		307,357
Assumption changes	7/1/2020	8,637,242	20		8,854,706	16		749,763
7/1/2021 Experience	7/1/2021	(2,388,330)	20		(2,316,501)	17		(187,794)
7/1/2022 Experience	7/1/2022	669,966	20		658,350	18		51,269
7/1/2023 Experience	7/1/2023	3,213,188	20		3,189,442	19		239,309
7/1/2024 Experience	7/1/2024	839,581	20		839,581	20		60,856
Total Unfunded Actuarial Lia	bility (UAL)			\$	56,731,037		\$	7,378,829



Table V-3 shows the allocation of the cost calculation between the groups.

Table V-3 Allocation of Liabilities, Assets, and Cost amoung Groups								
	AEA	AFSCME	MCEG	AFST	PEPRA	Total		
Actuarial Liability								
Active	7,565,069	26,522,038	30,622,956	4,130,812	10,146,717	78,987,592		
Inactive	36,338,157	32,329,986	44,930,162	7,439,563	900,665	121,938,533		
Total Actuarial Liability	43,903,226	58,852,024	75,553,118	11,570,375	11,047,382	200,926,125		
Market Value of Assets						147,310,778		
Actuarial Value of Assets						144,195,088		
Unfunded Actuarial Liability (UAL)						56,731,037		
UAL Amortization (Middle of Year)	422,635	1,861,836	1,382,482	191,563	3,520,312	7,378,829		
Total Normal Cost (Middle of Year)	303,836	1,602,264	1,084,255	156,134	2,072,627	5,219,117		
Expected Employee Contributions	0	0	0	0	(989,590)	(989,590)		
Administrative Expense	17,070	75,199	55,838	7,737	142,185	298,029		
Employer Contribution Payable Monthly	743,541	3,539,300	2,522,576	355,434	4,745,534	11,906,385		
Covered Payroll (Normal Cost)	1,710,398	7,681,978	5,957,664	827,708	15,224,450	31,402,198		
Covered Payroll (UAL Amort and Admin)	1,906,633	8,399,304	6,236,793	864,200	15,881,189	33,288,119		
Total Normal Cost as a % of Payroll	17.76%	20.86%	18.20%	18.86%	13.61%	16.62%		
Employee Contribution Rate	0.00%	0.00%	0.00%	0.00%	<u>(6.50%)</u>	(3.15%)		
Employer Normal Cost as a % of Payroll	17.76%	20.86%	18.20%	18.86%	7.11%	13.47%		
UAL Amortization Rate	22.17%	22.17%	22.17%	22.17%	22.17%	22.17%		
Administrative Expense Rate	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%		
Total Contribution as a % of Payroll	40.83%	43.93%	41.27%	41.93%	30.18%	36.54%		



Table V-4 shows the allocation of the cost calculation between PEPRA and Non-PEPRA members.

Table V-4 Salaried PEPRA/Non-PEPRA Summary							
	1	Non-PEPRA		PEPRA		Total	
<ol> <li>Entry Age Normal Cost (Middle of Year)</li> <li>Covered Payroll (Normal Cost)</li> <li>Normal Cost as a Percent of Covered Payroll: (1) / (2)</li> <li>Expected Employee Contributions as a Percent of Covered Payroll</li> </ol>	\$ \$	3,146,490 16,177,748 19.45% 0.00%	\$ \$	2,072,627 15,224,450 13.61% (6.50%)	\$ \$	5,219,117 31,402,198 16.62% (3.15%)	
<ul><li>5. Entry Age Actuarial Liability</li><li>6. Actuarial Value of Assets</li><li>7. Unfunded Actuarial Liability: (5) - (6)</li></ul>	\$	189,878,743	\$	11,047,382	\$ \$ \$	200,926,125 144,195,088 56,731,037	
Unfunded Actuarial Liability Amortization at Middle     of Year as a Level Percentage of Payroll	\$	3,858,516	\$	3,520,312	\$	7,378,829	
9. Expected Administrative Expenses	\$	155,845	\$	142,185	\$	298,029	
10. Expected Employee Contributions	\$	0	\$	(989,590)	\$	(989,590)	
11. Employer Contribution Payable in Monthly Installments: $(1) + (8) + (9) + (10)$	\$	7,160,851	\$	4,745,534	\$	11,906,385	
12. Covered Payroll (UAL Amort and Expenses)	\$	17,406,930	\$	15,881,189	\$	33,288,119	
13. Total Contribution as a Percent of Covered Payroll: [(1) + (10)] / (2) + [(8) + (9)] / (12)		42.52%		30.18%		36.54%	



#### APPENDIX A – MEMBERSHIP INFORMATION

The data for this valuation was provided by the Sacramento Regional District Transit staff as of July 1, 2024.

Active Participants	<b>July 1, 2023</b>	<b>July 1, 2024</b>				
Classic	133	124				
PEPRA	139	147_				
Total Number	272	271				
Number Vested	165	176				
Average Age	48.0	48.0				
Average Service	10.4	10.7				
Average Pay	\$117,218	\$122,834				
Retired						
Number	350	354				
Average Age	69.2	69.7				
Average Annual Benefit	\$30,681	\$31,171				
Beneficiaries						
Number	25	28				
Average Age	70.1	71.4				
Average Annual Benefit	\$23,845	\$22,337				
Disabled						
Number	6	6				
Average Age	67.3	68.3				
Average Annual Benefit	\$17,921	\$17,921				
Term Vested						
Number	49	54				
Average Age	47.9	49.0				
Average Annual Benefit	\$14,223	\$13,220				
Transferred						
Number	2	1				
Average Age	54.8	47.0				
Average Annual Benefit	\$441	\$303				
Terminated Due Refund of Employee Contributions						
Number	18	28				
Average Estimated Refund	\$5,928	\$9,557				



Changes in Plan Membership: AEA								
	Actives	Actives with Transfer Service <sup>1</sup>	Non-Vested Terms with Funds on Account	Vested Terminations	Disabled	Retired	Beneficiaries <sup>2</sup>	Total
July 1, 2023	37	0	2	15	5	180	12	251
New Entrants	4	0	0	0	0	0	0	4
Rehires	0	0	0	0	0	0	0	0
Disabilities	0	0	0	0	0	0	0	0
Retirements	0	0	0	0	0	0	0	0
Vested Terminations	0	0	0	0	0	0	0	0
Died, With Beneficiary, QDRO	0	0	0	0	0	(2)	2	0
Transfers	0	0	0	0	0	0	0	0
Died, No Beneficiary, & Other Terminations	0	0	0	0	0	(3)	0	(3)
Transfer Retirement	1	0	0	0	0	0	0	1
Beneficiary Deaths	0	0	0	0	0	0	0	0
Funds Transferred	0	0	0	0	0	0	0	0
Refund of Contributions	0	0	(1)	0	0	0	0	(1)
Data Corrections	0	0	0	0	0	0	0	0
July 1, 2024	42	0	1	15	5	175	14	252

<sup>&</sup>lt;sup>1</sup> Transfers with service from another Non-Contract group will be excluded from the Actives with Transfer Service count.



<sup>&</sup>lt;sup>2</sup> Beneficiary counts do not include DROs where benefits are paid over the member's lifetime.

Changes in Plan Membership: AFSC								
	Actives	Actives with Transfer Service <sup>1</sup>	Non-Vested Terms with Funds on Account	Vested Terminations	Disabled	Retired	Beneficiaries <sup>2</sup>	Total
July 1, 2023	103	2	4	9	1	70	2	191
New Entrants	2	0	0	0	0	0	0	2
Rehires	0	0	0	0	0	0	0	0
Disabilities	0	0	0	0	0	0	0	0
Retirements	(4)	0	0	0	0	4	0	0
Vested Terminations	0	0	0	0	0	0	0	0
Died, With Beneficiary, QDRO	0	0	0	0	0	0	0	0
Transfers	6	0	0	0	0	0	0	6
Died, No Beneficiary, & Other Terminations	(2)	0	2	0	0	(1)	0	(1)
Transfer Retirement	0	0	0	0	0	1	0	1
Beneficiary Deaths	0	0	0	0	0	0	0	0
Funds Transferred	0	0	0	0	0	0	0	0
Refund of Contributions	(3)	0	0	0	0	0	0	(3)
Data Corrections	0	(1)	0	1	0	0	0	0
July 1, 2024	102	1	6	10	1	74	2	196

<sup>&</sup>lt;sup>1</sup> Transfers with service from another Non-Contract group are excluded from the Actives with Transfer Service count.



<sup>&</sup>lt;sup>2</sup> Beneficiary counts do not include DROs where benefits are paid over the member's lifetime.

Changes in Plan Membership: AFST										
	Actives	Actives with Transfer Service <sup>1</sup>	Non-Vested Terms with Funds on Account	Vested Terminations	Disabled	Retired	Beneficiaries <sup>2</sup>	Total		
July 1, 2023	37	0	6	8	0	23	1	75		
New Entrants	6	0	0	0	0	0	0	6		
Rehires	1	0	(1)	0	0	0	0	0		
Disabilities	0	0	0	0	0	0	0	0		
Retirements	(2)	0	0	0	0	2	0	0		
Vested Terminations	(2)	0	0	2	0	0	0	0		
Died, With Beneficiary, QDRO	0	0	0	0	0	0	0	0		
Transfers	1	0	0	0	0	0	0	1		
Died, No Beneficiary, & Other Terminations	(4)	0	4	0	0	0	0	0		
Transfer Retirement	0	0	0	1	0	0	0	1		
Beneficiary Deaths	0	0	0	0	0	0	0	0		
Funds Transferred	0	0	0	0	0	0	0	0		
Refund of Contributions	(1)	0	0	0	0	0	0	(1)		
Data Corrections	0	0	0	0	0	0	0	0		
July 1, 2024	36	0	9	11	0	25	1	82		

<sup>&</sup>lt;sup>1</sup> Transfers with service from another Non-Contract group are excluded from the Actives with Transfer Service count.



<sup>&</sup>lt;sup>2</sup> Beneficiary counts do not include DROs where benefits are paid over the member's lifetime.

Changes in Plan Membership: MCEG								
	Actives	Actives with Transfer Service <sup>1</sup>	Non-Vested Terms with Funds on Account	Vested Terminations	Disabled	Retired	Beneficiaries <sup>2</sup>	Total
July 1, 2023	95	0	6	17	0	77	10	205
New Entrants	10	0	0	0	0	0	0	10
Rehires	0	0	0	0	0	0	0	0
Disabilities	0	0	0	0	0	0	0	0
Retirements	(2)	0	0	(2)	0	4	0	0
Vested Terminations	(3)	0	0	3	0	0	0	0
Died, With Beneficiary, QDRO	0	0	0	0	0	(1)	1	0
Transfers	0	0	0	0	0	0	0	0
Died, No Beneficiary, & Other Terminations	(6)	0	6	0	0	0	0	0
Transfer Retirement	(1)	0	0	0	0	0	0	(1)
Beneficiary Deaths	0	0	0	0	0	0	0	0
Funds Transferred	0	0	0	0	0	0	0	0
Refund of Contributions	(2)	0	0	0	0	0	0	(2)
Data Corrections	0	0	0	0	0	0	0	0
July 1, 2024	91	0	12	18	0	80	11	212

Transfers with service from another Non-Contract group excluded from the Actives with Transfer Service count.



<sup>&</sup>lt;sup>2</sup> Beneficiary counts do not include DROs where benefits are paid over the member's lifetime.

Changes in Plan Membership:	All Non-Contra	act						
	Actives	Actives with Transfer Service <sup>1</sup>	Non-Vested Terms with Funds on Account	Vested Terminations	Disabled	Retired	Beneficiaries <sup>2</sup>	Total
July 1, 2023	272	2	18	49	6	350	25	722
New Entrants	22	0	0	0	0	0	0	22
Rehires	1	0	(1)	0	0	0	0	0
Disabilities	0	0	0	0	0	0	0	0
Retirements	(8)	0	0	(2)	0	10	0	0
Vested Terminations	(5)	0	0	5	0	0	0	0
Died, With Beneficiary, QDRO	0	0	0	0	0	(3)	3	0
Transfers	7	0	0	0	0	0	0	7
Died, No Beneficiary, & Other Terminations	(12)	0	12	0	0	(4)	0	(4)
Transfer Retirement	0	0	0	1	0	1	0	2
Beneficiary Deaths	0	0	0	0	0	0	0	0
Funds Transferred	0	0	0	0	0	0	0	0
Refund of Contributions	(6)	0	(1)	0	0	0	0	(7)
Data Corrections	0	(1)	0	1	0	0	0	0
July 1, 2024	271	1	28	54	6	354	28	742

<sup>&</sup>lt;sup>1</sup> Transfers with service from another Non-Contract group are excluded from the Actives with Transfer Service count.



<sup>&</sup>lt;sup>2</sup> Beneficiary counts do not include DROs where benefits are paid over the member's lifetime.

# **APPENDIX A – MEMBERSHIP INFORMATION**

Age / Service Distribution Of Non-Union Active Participants As of July 1, 2024													
						Serv	vice						
Age	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 & up	Total
Under 20	0	0	0	0	0	0	0	0	0	0	0	0	0
21 to 24	3	0	0	0	0	0	0	0	0	0	0	0	3
25 to 29	2	2	2	1	2	0	0	0	0	0	0	0	9
30 to 34	4	3	4	1	0	4	0	0	0	0	0	0	16
35 to 39	2	3	2	3	1	13	9	0	0	0	0	0	33
40 to 44	2	4	6	3	3	10	6	9	1	0	0	0	44
45 to 49	2	2	5	2	1	11	6	8	10	2	0	0	49
50 to 54	1	1	1	3	3	4	4	9	12	2	1	0	41
55 to 59	1	2	0	3	5	5	5	4	9	6	1	0	41
60 to 64	4	3	1	0	1	4	3	1	8	3	1	0	29
65 to 69	0	1	0	0	0	2	0	1	0	0	0	0	4
70 & up	0	0	0	0	0	0	0	0	0	2	0	0	2
Total	21	21	21	16	16	53	33	32	40	15	3	0	271

Average Age = 48.0

Average Service = 10.7



# **APPENDIX A – MEMBERSHIP INFORMATION**

Payroll Distribution Of Non-Union Active Participants As of July 1, 2024													
						Sei	rvice						
Age	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 & up	Total
Under 20	0	0	0	0	0	0	0	0	0	0	0	0	0
21 to 24	60,952	0	0	0	0	0	0	0	0	0	0	0	60,952
25 to 29	65,310	84,262	79,824	90,890	95,386	0	0	0	0	0	0	0	82,273
30 to 34	81,221	72,369	107,221	100,813	0	105,907	0	0	0	0	0	0	93,457
35 to 39	67,182	81,679	121,683	81,832	122,344	115,067	139,226	0	0	0	0	0	113,318
40 to 44	125,069	134,074	103,599	96,196	110,529	118,844	120,645	127,293	133,924	0	0	0	118,638
45 to 49	86,386	82,894	100,219	128,604	93,028	115,393	115,522	124,360	148,224	110,220	0	0	119,386
50 to 54	80,369	97,369	151,863	116,828	123,212	132,786	124,451	143,672	157,594	177,521	91,340	0	139,250
55 to 59	66,228	111,072	0	143,617	106,278	124,915	127,396	179,175	141,687	157,077	174,558	0	137,099
60 to 64	118,751	123,584	108,764	0	151,075	142,287	122,299	169,114	134,711	114,625	192,957	0	131,906
65 to 69	0	83,501	0	0	0	122,527	0	158,393	0	0	0	0	121,737
70 & up	0	0	0	0	0	0	0	0	0	208,737	0	0	208,737
Total	86,535	100,310	105,486	110,271	111,865	119,758	126,416	139,931	146,504	151,953	152,951	0	122,834

Average Salary = \$ 122,834



# **APPENDIX A – MEMBERSHIP INFORMATION**

# Service Retired Participants and Beneficiaries

Denenciario		
Age	Number	Average Monthly Benefit
35-39	0	\$0
40-44	0	\$0
45-49	0	\$0
50-54	2	\$4,978
55-59	38	\$3,097
60-64	64	\$2,373
65-69	92	\$2,636
70-74	100	\$2,892
75-79	50	\$1,943
80-84	26	\$1,808
85-89	7	\$2,061
90-94	2	\$892
95+	1	\$128
Total	382	\$2,544

# **Disabled Participants**

Age	Number	Average Monthly Benefit
35-39	0	\$0
40-44	0	\$0
45-49	0	\$0
50-54	1	\$579
55-59	1	\$2,517
60-64	1	\$1,739
65-69	0	\$0
70-74	0	\$0
75-79	2	\$1,770
80-84	0	\$0
85-89	1	\$586
90-94	0	\$0
95+	0	\$0
Total	6	\$1,493

# **Terminated Vested Participants**

Age	Number	Average Monthly Benefit
25-29	0	\$0
30-34	0	\$0
35-39	2	\$481
40-44	13	\$878
45-49	14	\$1,113
50-54	18	\$1,533
55-59	4	\$674
60-64	2	\$493
65-69	0	\$0
70-74	1	\$263
75-79	0	\$0
80-84	0	\$0
85-89	0	\$0
90+	0	\$0
All Ages	54	\$1,102

# **Tranferred Participants**

Age	Number	Average Monthly Benefit
25-29	0	\$0
30-34	0	\$0
35-39	0	\$0
40-44	0	\$0
45-49	1	\$25
50-54	0	\$0
55-59	0	\$0
60-64	0	\$0
65-69	0	\$0
70-74	0	\$0
75-79	0	\$0
80-84	0	\$0
85-89	0	\$0
90+	0	\$0
All Ages	1	\$25



### APPENDIX B – STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

The assumptions and methods used in the actuarial valuation reflect the results of an experience study performed by Cheiron covering the period from July 1, 2015 through June 30, 2020 and adopted by the Board at their May 5, 2021 meeting. More details on the rationale for the demographic and economic assumptions can be found in the experience study presentation from that meeting. The combined effect of the assumptions is expected to have no significant bias for the purpose of this measurement.

### A. Contribution Allocation Procedure

The contribution allocation procedure primarily consists of an actuarial cost method, an asset valuation method, and an amortization method as described below. This contribution allocation procedure, combined with reasonable assumptions, produces a Reasonable Actuarially Determined Contribution as defined in Actuarial Standard of Practice No. 4. The contribution allocation procedure was selected to balance benefit security, intergenerational equity, and the stability of actuarially determined contributions. The selection also considered the demographics of plan members, the funding goals and objectives of the Board, and the need to accumulate assets to make benefit payments when due. There were no changes to the contribution allocation procedures from the prior valuation.

#### 1. Actuarial Cost Method

The Entry Age Normal actuarial funding method was used for active employees, whereby the normal cost is computed as the level annual percentage of pay required to fund the retirement benefits between each Member's date of hire and assumed retirement. The Actuarial Liability is the difference between the Present Value of Future Benefits and the Present Value of Future Normal Cost. The Unfunded Actuarial Liability (UAL) is the difference between the Actuarial Liability and the Actuarial Value of Assets.

#### 2. Amortization Method

The UAL is amortized as a percentage of projected payroll.

- The amortization period as of July 1, 2024 is eight years for the UAL determined as of July 1, 2019 with 20-year layered amortization for UAL changes after 2019.
- Effective July 1, 2020, unexpected changes in the UAL are amortized over new closed 20-year amortization layers.
- The payment for the UAL layer associated with the assumption changes adopted as part of the July 1, 2020 actuarial valuation was phased-in over a three-year period.

#### 3. Actuarial Value of Plan Assets

The actuarial value of Plan assets is calculated on a modified market-related value. The Market Value of Assets is adjusted to recognize, over a five-year period, investment earnings which are greater than (or less than) the assumed investment return on the Market Value of Assets.



#### APPENDIX B – STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

# **B.** Modeling

Cheiron utilizes ProVal actuarial valuation software leased from Winklevoss Technologies (WinTech) to calculate liabilities and project benefit payments. We have relied on WinTech as the developer of ProVal. We have a basic understanding of ProVal and have used ProVal in accordance with its original intended purpose. We have not identified any material inconsistencies in assumptions or output of ProVal that would affect this valuation.

Deterministic and stochastic projections in this valuation report were developed using R-scan, a proprietary tool used to illustrate the impact of changes in assumptions, methods, plan provisions, or actual experience (particularly investment experience) on the future financial status of the Plan. R-scan uses standard roll-forward techniques that implicitly assume a stable active population. Because R-scan does not automatically capture how changes in one variable affect all other variables, some scenarios may not be consistent. We have relied on Cheiron colleagues who developed the tool, and we have used the tool in accordance with its purpose.

# C. Actuarial Assumptions

The actuarial assumptions were developed based on an experience study covering the period from July 1, 2015 through June 30, 2020.

#### 1. Rate of Return

The annual rate of return on all Plan assets is assumed to be 6.75% for the current valuation net of investment, but not administrative, expenses.

### 2. Low-Default-Risk Obligation Measure Discount Rate (effective June 30, 2023)

The discount rate used to calculate the Low-Default-Risk Obligation Measure (LDROM) is the FTSE Pension Liability Index as of the valuation date. This index was selected because it reflects the types of fixed-income securities the Plan would likely invest in if the Trustees wanted to match cash flows. The rate for this valuation is 5.35%.

### 3. Cost of Living

The cost of living as measured by the Consumer Price Index (CPI) is assumed to increase at the rate of 2.50% per year.

#### 4. Increases in Pensionable Payroll / Amortization Payments

Overall pensionable compensation (used in the calculation of amortization payments) is expected to grow by 2.75% per year. The PEPRA Compensation Limit is assumed to increase by 2.50% per year (in line with the increase in the CPI).



#### APPENDIX B – STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

#### 5. Plan Expenses

Administrative expenses are assumed to be \$298,029 for Fiscal Year 2024-25 and are added directly to the actuarial cost calculation. The expenses are assumed to increase with CPI in future years.

# 6. Increases in Pay

Assumed pay increases for active Participants consist of increases due to wage inflation and those due to longevity and promotion.

Based on an analysis of pay levels and service for the Salaried Plan Participants, we assume that pay increases due to longevity and promotion will occur in accordance with the following table:

Pay Increases								
Base Increase	2.75%							
Longevity & Promotion	2.50%							
Total (Compound)	5.32%							

# 7. Family Composition

85% of participants are assumed to be married. Males are assumed to be three years older than their spouses, and females are assumed to be three years younger than their spouses. This assumption is applied to active members, as well as retired members with a joint and survivor benefit where the data is missing the beneficiary date of birth.

#### 8. Terminal Payments

Retirement benefits are assumed to be increased by 7% due to the application of payments for unused vacation and sick leave to Average Final Monthly Earnings.

No liability adjustment for retirement is used for members who joined the plan on or after January 1, 2015.

# 9. Bridging Service

The Plan has been modified to enable members who are rehired after a previous period of non-vested service to use this prior service for benefit and eligibility purposes. As the impact on the liabilities and contribution level of the Plan is expected to be minor and will depend on the number of members actually rehired (if any), no additional liability is currently being included for this provision.



### APPENDIX B - STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

### 10. Missed Pay Periods

A 0.57% load is applied to the normal cost for Salaried PEPRA members to adjust for the missed pay periods in which service is credited yet no contributions are made by the member.

### 11. Employment Status

No Plan Participants are assumed to transfer between the Salaried Plan and the ATU or IBEW Plans.

#### 12. Rates of Termination

Rates of termination for all Participants from causes other than death, disability, and service retirement are based on the Participant's age, service, and sex.

Representative rates are shown in the following table:

Termination Rates <sup>1</sup>		
Years of		
Service	Rate	
0-4	10.00%	
5-9	5.00%	
10-19	3.00%	
20+	1.50%	

<sup>&</sup>lt;sup>1</sup> No terminations are assumed after eligibility for normal retirement or after 25 years of service for non-PEPRA members. PEPRA members terminating with at least five years of service are expected to receive a deferred annuity benefit; those terminating with less than five years of service are expected to receive a refund of contributions (with interest).

#### 13. Rates of Disability

No assumed incidence of disability.

## 14. Rates of Mortality for Active Healthy Lives

Rates of mortality for active Participants are given by the Retired Pensioners (RP) 2014 Male and Female Employee Mortality Tables projected with Scale MP-2020 published by the Society of Actuaries, with the base tables adjusted 130% for females.

#### 15. Rates of Mortality for Disabled Retirees

Rates of mortality for all disabled Participants are given by Retired Pensioners (RP) 2014 Male and Female Disabled Retiree Mortality Tables projected with Scale MP-2020



### APPENDIX B - STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

published by the Society of Actuaries, with the base tables adjusted 130% for males and 115% for females.

### 16. Retired Member and Beneficiary Mortality

Rates of mortality for retired Participants and their beneficiaries are given by the Private Retirement (Pri) 2012 Bottom Quartile Tables for Healthy Annuitants Mortality Tables projected with Scale MP-2020 published by the Society of Actuaries, with the base tables adjusted 105% for females.

#### 17. Rates of Retirement

Rates of service retirement among all Participants eligible to retire are given by the following table:

Rates of Retirement <sup>1</sup>					
	Years of Service				
Age	5-9	10-19	20-24	25-29	30+
Under 55	0.00%	0.00%	0.00%	10.00%	15.00%
55-59	5.00%	5.00%	10.00%	10.00%	15.00%
60	15.00%	15.00%	20.00%	25.00%	35.00%
61-64	8.25%	15.00%	20.00%	25.00%	35.00%
65+	25.00%	25.00%	20.00%	35.00%	35.00%

<sup>&</sup>lt;sup>1</sup> The rate of service retirement among all Participants eligible to retire with 30 or more years of service is assumed to be 25.0% per year, and 100% per year for all Participants 70 or older. PEPRA members are assumed to begin retiring at age 52, with at least five years of service.

### 18. Since Last Valuation

No assumptions have been changed since the previous valuation.



#### APPENDIX C – SUMMARY OF PLAN PROVISIONS

#### 1. Definitions

Average Final Monthly Earnings:

A Participant's Average Final Monthly Earnings is the highest average consecutive 48 months' Compensation paid. Payments for accumulated vacation or sick leave not actually taken prior to retirement are included in computing Average Final Monthly Earnings if the last 48 months of compensation are used in the calculation, except for PEPRA members.

Compensation:

A Participant's Compensation is the earnings paid in cash to the participant during the applicable period of employment with the District.

PEPRA member's Compensation is computed using base salary, without overtime or other special compensation such as terminal payments. Pensionable compensation for PEPRA members is limited to the PEPRA Compensation Limit (for 2025, \$151,446 for those participating in Social Security; increased by the CPI-U in subsequent years).

Service:

Service is computed from the date in which the Participant becomes a full or part-time employee and remains in continuous employment to the date employment ceases. Service includes time with the District or predecessor companies immediately prior to August 1, 1968 and subsequent to hire.

For AFSCME employees, service earned prior to January 1, 2015 is measured in completed quarters of a year and completed months for service earned on or after January 1, 2015. For MCEG and AEA employees, service is measured in completed months.

# 2. Participation

Eligibility:

Any person employed by the District in a full or part-time position in an authorized job classification covered by one of the defined employee groups of (i) Non-union Management and Confidential Employees, (ii) Employee members of the Administrative Employee Association (AEA), or (iii) Employee members of American Federation of State, County and Municipal Employees (AFSCME), is eligible to participate in the Plan.

Any member joining the Plan for the first time on or after January 1, 2015 is a New Member and will follow PEPRA provisions. Employees



#### APPENDIX C – SUMMARY OF PLAN PROVISIONS

who transfer from and are eligible for reciprocity with another public employer will not be New Members if the service in the reciprocal system was under a pre-PEPRA plan.

#### 2. Retirement Benefit

Eligibility:

Prior to January 1, 2006, a Participant is eligible for normal service retirement upon attaining age 55 and completing nine or more years of service.

On and after January 1, 2006, a Participant is eligible for normal service retirement upon attaining age 55 and completing five or more years of service.

Effective January 1, 2000, employees with 25 years of credited service will be eligible for an early retirement option.

PEPRA members are eligible upon attaining age 52 and completing five or more years of service.

Benefit Amount:

The normal service retirement benefit is the greater of the benefit accrued under the plan provisions in effect prior to February 1, 1994 or the Participant's benefit under the current plan provisions. Under the current plan provision, the member would receive a percentage of the Participant's Average Final Monthly Earnings multiplied by the Participant's service at retirement. For AFSCME members with at least five but less than nine years of service, a vesting schedule is applied unless the member has reached age 62.

For retirements and terminations prior to January 1, 2005, the percentage is equal to:

- 2.0%, if the member retires prior to age 65, and
- 2.5%, if the member retires at age 65 or later.

For AEA and MCEG retirements and terminations on and after July 1, 2006 and prior to January 1, 2008, the percentage is equal to:

- 2.0%, if the member retires at age 55 or with 25 years of service,
- 2.125%, if the member retires at age 56 or with 26 years of service.
- 2.25%, if the member retires between the ages of 57 and 64 or with 27 or more years of service, and
- 2.5%, if the member retires at age 65 or later.



#### APPENDIX C – SUMMARY OF PLAN PROVISIONS

For retirements and terminations on and after January 1, 2008 (July 1, 2006 for AFSCME members), the percentage is equal to:

- 2.0%, if the member retires at age 55 or with 25 years of service,
- 2.1%, if the member retires at age 56 or with 26 years of service.
- 2.2%, if the member retires at age 57 or with 27 years of service.
- 2.3%, if the member retires at age 58 or with 28 years of service,
- 2.4%, if the member retires at age 59 or with 29 years of service, and
- 2.5%, if the member retires at age 60 or later or with 30 or more years of service.

For PEPRA members, the benefit multiplier will be 1% at age 52, increasing by 0.1% for each year of age to 2.5% at 67. In between exact ages, the multiplier will increase by 0.025% for each quarter year increase in age.

Form of Benefit:

The benefit begins at retirement and continues for the Participant's life with no cost of living adjustments. A Participant may elect to receive reduced benefits in the form of a contingent annuity with 50% or 100% continuing to a beneficiary after death, or in the form of an increased benefit prior to receiving Social Security benefits, and a reduced benefit thereafter.

#### 3. Disability Benefit

Eligibility:

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. Nine years of service is required to qualify for disability. Effective January 1, 2006, five years of service is needed to qualify for disability retirement for AEA and MCEG members.

Benefit Amount:

For AEA and MCEG members, the disability benefit is equal to the Normal Retirement Benefit, using the Participant's Average Final Monthly Earnings and service accrued through the date of disability. For AFSCME members, the disability benefit is equal to 2% of the Participant's Average Final Monthly Earnings multiplied by service accrued through the date of disability. The disability benefit cannot exceed the Retirement Benefit the member would be entitled to on the



#### APPENDIX C – SUMMARY OF PLAN PROVISIONS

basis of Average Final Monthly Earnings determined at the date of disability multiplied by the service the member would have attained had employment continued until age 62.

Form of Benefit:

The benefit begins at disability and continues until recovery or for the Participant's life with no cost of living adjustments. A Participant may elect to receive reduced benefits in the form of a contingent annuity with 50% or 100% continuing to a beneficiary after death, or in the form of an increased benefit prior to receiving Social Security benefits, and a reduced benefit thereafter.

#### 5. Pre-Retirement Death Benefit

Eligibility: For deaths prior to January 1, 2006, a Participant's surviving spouse,

Domestic Partner or minor dependent child is eligible for a preretirement death benefit if the Participant has completed nine years of

service with the District.

For deaths on and after January 1, 2006, a Participant's surviving spouse, Domestic Partner, or minor dependent child is eligible for a pre-retirement death benefit if the Participant has completed five years

of service with the District.

Benefit Amount: The pre-retirement death benefit is the actuarial equivalent of the

Normal Retirement Benefit, as if the member retired on the day prior to his/her death. The amount payable to the spouse or Domestic Partner is equal to the Life benefit payable under Article V of the Plan

document.

Form of Benefit: The death benefit begins when the Participant dies and continues for

the life of the surviving spouse or Domestic Partner, or until the death, marriage, or attainment of 21 years of age of a dependent minor child. No optional form of benefit may be elected. No cost of living increases

are payable.

#### 6. Termination Benefit

Eligibility: A Participant is eligible for a termination benefit after earning five

years of service. The Participant will be eligible to commence benefits

at age 55.

Benefit Amount: For AFSCME terminations, and AEA and MCEG terminations prior to

January 1, 2006, the benefit payable to a vested terminated Participant is a percentage of the Normal Retirement Benefit earned on the date of termination, based on the age, service, and Average Final Monthly



### APPENDIX C – SUMMARY OF PLAN PROVISIONS

Earnings accrued by the Participant at that point. The percentage is based on the Participant's service with the District, as shown in the table below:

Service	Vested Percentage
5	20%
6	40%
7	60%
8	80%
9 or more	100%

For AEA and MCEG terminations on and after January 1, 2006, a Participant is eligible after earning five years of service for the full Normal Retirement Benefit earned on the date of termination, based on the age, service, and Average Final Monthly Earnings accrued by the Participant at that point.

PEPRA members are eligible after earning five years of service for the full Normal Retirement Benefit earned on the date of termination, based on the service and Average Final Monthly Earnings accrued by the Participant at that point, and using the factor based on the age at which the benefit commences.

Form of Benefit:

The termination benefit is payable for the life of the Participant only beginning at age 55. For PEPRA members the benefit can begin as early as age 52. No cost of living increases are payable.

#### 7. Withdrawal Benefit

Eligibility: PEPRA members who are not eligible for a termination benefit upon

termination.

Benefit Amount: The withdrawal benefit is a refund of the Participant's accumulated

contributions with interest.

Form of Benefit: The withdrawal benefit is paid in a lump sum upon election by the

Participant.

## 8. Reciprocity Benefit

Eligibility: A Participant who transfers from this Plan to the RT Union Plan, and

who is vested under this Plan, is eligible for a retirement benefit from

this Plan.



52

### APPENDIX C – SUMMARY OF PLAN PROVISIONS

Benefit Amount: The benefit payable to a vested transferred Participant is equal to the

Normal Retirement Benefit based on service earned under this Plan to the date of transfer and based on Average Final Earnings computed under this Plan and the Union Plan together, as if the plans were a

single plan.

Form of Benefit: The reciprocity benefit begins at retirement and continues for the

Participant's life with no cost of living adjustments. A Participant may elect to receive reduced benefits in the form of a contingent annuity with 50% or 100% continuing to a beneficiary after death, or in the form of an increased benefit prior to receiving Social Security benefits,

and a reduced benefit thereafter.

### 9. Funding

Members hired on or after January 1, 2015 contribute half of the normal cost of the Plan rounded to the nearest 0.25%. Once established, contribution rate for New Members is adjusted to reflect a change in the normal cost rate, but only if the normal cost rate changes by more than 1% of payroll. For the Fiscal Year 2024-2025, the contribution rate for PEPRA members was 6.50% of payroll (based on 1/2 of 13.08%, rounded to the nearest quarter). The normal cost rate for the PEPRA members as of the July 1, 2024 valuation is 13.61%, and since the increase is less than 1%, the rate for the following fiscal year will not change.

The remaining cost of the Plan is paid by the District.

#### 10. Changes in Plan Provisions

None.



#### APPENDIX D – GLOSSARY

### 1. Actuarial Assumptions

Assumptions as to the occurrence of future events affecting pension costs such as mortality, withdrawal, disability, retirement, changes in compensation, and rates of investment return.

#### 2. Actuarial Cost Method

A procedure for determining the actuarial present value of pension plan benefits and expenses and for developing an allocation of such value to each year of service, usually in the form of a normal cost and an Actuarial Liability.

### 3. Actuarial Gain (Loss)

The difference between actual experience and that expected based upon a set of actuarial Assumptions during the period between two actuarial valuation dates, as determined in accordance with a particular actuarial cost method.

#### 4. Actuarial Liability

The portion of the actuarial present value of projected benefits that will not be paid by future normal costs. It represents the value of the past normal costs with interest to the valuation date.

### 5. Actuarial Present Value (Present Value)

The value as of a given date of a future amount or series of payments. The actuarial present value discounts the payments to the given date at the assumed investment return and includes the probability of the payment being made.

#### 6. Actuarial Valuation

The determination, as of a specified date, of the normal cost, Actuarial Liability, Actuarial Value of Assets, and related actuarial present values for a pension plan.

#### 7. Actuarial Value of Assets

The value of cash, investments, and other property belonging to a pension plan as used by the actuary for the purpose of an actuarial valuation. The purpose of an Actuarial Value of Assets is to smooth out fluctuations in market values.

#### 8. Actuarially Equivalent

Of equal actuarial present value, determined as of a given date, with each value based on the same set of actuarial assumptions.



#### APPENDIX D – GLOSSARY

# 9. Amortization Payment

The portion of the pension plan contribution, which is designed to pay interest and principal on the Unfunded Actuarial Liability in order to pay for that liability in a given number of years.

# 10. Entry Age Normal Actuarial Cost Method

A method under which the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings of the individual between entry age and assumed exit ages.

#### 11. Funded Ratio

The ratio of the Actuarial Value of Assets to the Actuarial Liabilities.

#### 12. Normal Cost

That portion of the actuarial present value of pension plan benefits and expenses that is allocated to a valuation year by the actuarial cost method.

# 13. Projected Benefits

Those pension plan benefit amounts which are expected to be paid in the future under a particular set of actuarial assumptions, taking into account such items as increases in future compensation and service credits.

# 14. Unfunded Actuarial Liability

The excess of the Actuarial Liability over the Actuarial Value of Assets. The Unfunded Actuarial Liability is not appropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the Plan's benefit obligation in the event of a plan termination or other similar action. However, it is an appropriate measure for assessing the need for or the amount of future contributions.



