



**MainePERS**

PUBLIC EMPLOYEES RETIREMENT SYSTEM

# Board of Trustees

## Public Meeting Packet

March 9, 2023

**MainePERS Board of Trustees  
March 9, 2023  
139 Capitol Street, Augusta**

**AGENDA**

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9:00 a.m. <sup>1</sup>		CALL TO ORDER		Brian Noyes
9:00 – 9:05 a.m.	1.	<u>CONSIDERATION OF CONSENT CALENDAR</u> <ul style="list-style-type: none"><li>Minutes of February 9, 2023</li><li>Consideration of Items Removed</li></ul>	ACTION	Brian Noyes
9:05 – 9:30 a.m.	2.	<u>CEO REPORT</u> <ul style="list-style-type: none"><li>Employee Survey Results</li><li>Service Retirement</li></ul>		Dr. Rebecca M. Wyke  Chip Gavin Shelley O'Brian Lynn Hancock Deanna Doyle
9:30 – 9:40 a.m.	3.	<u>GOVERNANCE</u> <ul style="list-style-type: none"><li>Trustee Charter</li></ul>	ACTION	Dr. Rebecca M. Wyke
9:40 – 10:25 a.m.	4.	<u>PRIVATE MARKETS REVIEW</u> <ul style="list-style-type: none"><li>Private Markets Activity</li><li>Infrastructure, Natural Resources, and Real Estate Quarterly Review</li></ul>		James Bennett Zackery McGuire Jennifer Yeung, William Greenwood, Albourne
10:25 – 10:40 a.m.		<u>BREAK</u>		
10:40 – 10:50 a.m.	5.	<u>INVESTMENT REVIEW</u> <ul style="list-style-type: none"><li>Investment Monthly Review</li></ul>		James Bennett Zackery McGuire Brian McDonnell, Stuart Cameron, Cambridge Assocs.
10:50 – 11:35 a.m.	6.	<u>INVESTMENT EDUCATION</u> <ul style="list-style-type: none"><li>MainePERS' Private Markets Investment Framework</li></ul>		James Bennett Zackery McGuire
11:35 – 11:45 a.m.	7.	<u>MAINESTART</u> <ul style="list-style-type: none"><li>Quarterly Review</li></ul>		Michael Colleran

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<sup>1</sup> All times are estimated based upon the anticipated length of each presentation, hearing, discussion, and action. The presiding officer may take agenda items out of order for more efficient or effective conduct of the meeting.

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11:45 – 11:55 a.m.	8.	<u>OPERATIONS AND MEMBER SERVICES REPORT</u>		Michael Colleran Chip Gavin
11:55 – 12:05 p.m.	9.	<u>LEGISLATIVE UPDATE</u>		Kathy Morin
12:05 – 12:10 p.m.	10.	<u>LITIGATION SUMMARY</u>		Betsy Stivers
12:10 – 12:20 p.m.	11.	<u>PERSONNEL DISCUSSION</u>	ACTION	Brian Noyes
		<ul style="list-style-type: none"><li>Executive Session pursuant to 1 M.R.S. §405(6)(A)</li></ul>		
		<i>Board moves out of executive session.</i>		
12:20 p.m.		<u>ADJOURNMENT</u>		Brian Noyes

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# MAINE PUBLIC EMPLOYEES RETIREMENT SYSTEM

## Minutes

Board of Trustees  
Board Meeting  
February 9, 2023

MainePERS  
Augusta  
9:00 a.m.

*The Board of Trustees met at MainePERS, 139 Capitol Street, Augusta, ME 04332 at 9:00 a.m. on February 9, 2023. Brian Noyes, Chair, presided. Other Trustees participating were: Dick Metivier, Vice Chair; Henry Beck, State Treasurer; John Beliveau; Shirrin Blaisdell; Mark Brunton; John Kimball; and Ken Williams. Joining the Trustees were Dr. Rebecca Wyke, Chief Executive Officer; Chip Gavin, Chief Services Officer; Monica Gorman, Secretary to the Board of Trustees; and Betsy Stivers, Assistant Attorney General and Board Counsel. The Board also was joined for select portions of the meeting by James Bennett, Chief Investment Officer; Zackery McGuire, Deputy Chief Investment Officer; Rebecca Grant, Director of Administration; Kathy Morin, Director of Actuarial and Legislative Affairs; Sherry Vandrell, Director of Finance; Joy Childs, Director of Information Technology; Stuart Cameron, Cambridge Associates; Tom Lynch and George Bumeder, Cliffwater; Jennifer Yeung and William Greenwood, Albourne; and Ed Schwartz, ORG.*

Brian Noyes called the meeting to order at 9:10 a.m. John Beliveau and Dick Metivier participated through video remote access pursuant to 1 M.R.S. § 403-B, having been excused from in-person attendance by the Board Chair due to illness. All other Trustees were physically present.

### **GOVENDA NAVIGATION**

Joy Childs provided a brief overview of Govenda, the new Board packet management software.

### **CONSIDERATION OF THE CONSENT CALENDAR**

The Chair called for consideration of the Consent Calendar. The action items on the Consent Calendar were:

- Minutes of January 12, 2023
- Action. Henry Beck made the motion, seconded by Mark Brunton, to approve the Consent Calendar. Voted unanimously by eight Trustees (Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, Olson, and Williams).

### **CEO REPORT**

Dr. Rebecca Wyke shared that Jim Bennett and Zack McGuire will discuss the changes made to Board Policy 2.1 – Investment Policy Statement in response to the divestment statutes. She stated MainePERS provided orientation sessions for the Labor and Housing and Appropriations and Financial Affairs Committees. In addition, the Disability Retirement Experience Report was presented to the Labor and Housing Committee.

Dr. Wyke updated the Trustees on the media reports of employers participating in MainePERS failing to report accurately or timely over the past few months. She stated the



additional 1% COLA for PLD's will be implemented with the February payroll including payments retroactive September 2022. She shared that a benefit estimator tool has been added to the website. This tool allows members in a regular plan to project their benefit amount.

Chip Gavin provided the Trustees with a presentation and example of how the new benefit estimator works. Chip answered questions from the Trustees. Brian Noyes and Dick Metivier thanked Chip and others who worked on getting this program up and running.

## **PRIVATE MARKETS ACTION**

### **ISAM Vector**

- **Action.** Henry Beck made the motion, seconded by Ken Williams, that MainePERS make a commitment of up to \$100 million to ISAM Vector, subject to final due diligence, legal review and negotiations; and authorize the Chief Executive Officer, Chief Investment Officer, and General Counsel as signatories to execute documents in connection with this action. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **Ares Capital Europe VI**

- **Action.** Mark Brunton made the motion, seconded by Shirrin Blaisdell, that MainePERS make a commitment of up to €75 million to Ares Capital Europe VI, subject to final due diligence, legal review and negotiations; and authorize the Chief Executive Officer, Chief Investment Officer, and General Counsel as signatories to execute documents in connection with this action. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **Summit Europe Growth Equity IV**

- **Action.** Henry Beck made the motion, seconded by Mark Brunton, that MainePERS make a commitment of up to €20 million to Summit Europe Growth Equity IV, subject to final due diligence, legal review and negotiations; and authorize the Chief Executive Officer, Chief Investment Officer, and General Counsel as signatories to execute documents in connection with this action. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **High Street Real Estate VII Venture**

- **Action.** Shirrin Blaisdell made the motion, seconded by John Kimball, that MainePERS make a commitment of up to \$15 million to HSREF VII Venture, subject to final due diligence, legal review and negotiations; and authorize the Chief Executive Officer, Chief Investment Officer, and General Counsel as signatories to execute documents in connection with this action. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

## **DIVESTMENT STATUTES AND INVESTMENT POLICY STATEMENT**

Jim Bennett shared the recommended changes to Board Policy 2.1 – Investment Policy Statement. The changes will provide Trustees with disclosures regarding the potential for fossil fuel and for-profit prison exposures as part of new investment recommendations. In addition, the Investment Team will provide Trustees with a report summarizing the actual and expected changes in fossil fuel and for-profit prison exposures on an annual basis.

- **Action.** Henry Beck made a motion, seconded by Ken Williams, that MainePERS adopt amended Board Policy 2.1. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

## **PRIVATE MARKETS REVIEW**

### **Private Markets Activity**

Jim Bennett reviewed the table of private market funds and co-investments that had closed during the past 12 months. Jim shared there are no manager meetings scheduled for February.

### **Real Estate Quarterly Review**

Jim Bennett shared this item would be postponed until the March meeting, and that Albourne would provide updates covering Infrastructure, Natural Resources, and Real Estate at that time.

Brian Noyes, on behalf of the Board, passed along their gratitude to Ed Schwartz and the ORG Team for their hard work and dedication over the years.

### **Cliffwater Quarterly Review**

Tom Lynch and George Bumeder provided an overview of the private market portfolios as of September 30, 2022. Tom and George answered questions from the Trustees regarding the various portfolios.

## **INVESTMENT REVIEW**

### **Investment Monthly Review**

Jim Bennett reported that as of January 31<sup>st</sup>, the MainePERS fund had a preliminary market value of \$18.5 billion, the preliminary return for the month was 2.1%, and the preliminary calendar year-to-date return was 2.1%.

### **Quarterly Rebalancing Report**

Jim Bennett provided the Trustees with the quarterly rebalancing activity within the public markets and Risk Diversifiers portfolios through the fourth quarter of calendar year 2022.

### **Investment Quarterly Review**

Stuart Cameron provided an overview of the portfolio dashboard as of December 31, 2022 and also presented the 4<sup>th</sup> quarter 2022 performance review to the Trustees. Stuart answered questions from the Trustees.

### **Risk Diversifier Quarterly Review**

Stuart Cameron shared the Risk Diversifiers quarterly report as of December 31, 2022. The Trustees discussed and asked questions about the report.

## **RULEMAKING**

### **New Rule Chapter 506**

Kathy Morin provided the Trustees with a recommendation for adoption of Rule 506 (Eligibility for Disability Retirement Benefits).

- **Action.** Motion made by Henry Beck, seconded by Ken Williams, that the Board adopt Rule Chapter 506 and its Basis Statement. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **Repeal Rule Chapters 507 and 509**

Kathy Morin provided the Trustees with a recommendation to repeal Rule Chapter 507 (Determination of Inability to Engage in Substantially Gainful Activity) and Rule Chapter 509 (Determination of Inability to Perform the Functions of the Employment Position).

- **Action.** Motion by Shirrin Blaisdell, seconded by Henry Beck, that the Board repeal Rule Chapters 507 and 509 and adopt the Basis Statements for these actions. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **Amendment to Rule Chapters 510, 511, and 702**

Kathy Morin provided the Trustees with a recommendation to amend Rule Chapter 510 (Reduction of Disability Benefits because of Lump-Sum Settlements of Benefits Payable under the Workers' Compensation or Similar Law or the United States Social Security Act); amend Rule Chapter 511 (Standards for Actively Seeking Work); and amend Rule Chapter 702 (Appeals).

- **Action.** Motion by Mark Brunton, seconded by Dick Metivier, that the Board amend Rule Chapters 510, 511, and 702 and adopt the Basis Statements for these actions. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

## **LEGISLATIVE UPDATE**

Kathy Morin provided an update on the status of legislative bills. She stated approximately 30 bills relating to MainePERS have been printed. Many of those bills are repeat bills from

the last session. Kathy shared that all but one report that is due March 1<sup>st</sup> have been submitted to the Legislature.

### **OPERATIONS AND MEMBER SERVICES REPORT**

Chip Gavin shared that PLD activity in January had increased due to PLD's making changes and some joining. Chip shared the member portal transition to a new multi-factor log in system has been successful. Chip provided the Trustees with an update on the Actively Seeking Work Program within Disability Services. Chip shared phone system messaging and call routing has been added for members seeking tax-related information.

Rebecca Grant stated Human Resources continues to work on recruitment for a number of positions. She shared the facilities group is working on water damage to one of the Portland offices. Rebecca reported staff was pleased to have the new security enclosure in the reception area completed. She shared the Doc Center produced more than 130,000 pieces of mail in January and processed 300-500 pieces of incoming mail daily.

Rebecca conducted a Text-Em-All test for the Trustees in order to confirm our ability to communicate with the Trustees in an emergency situation. All Trustees received the text.

### **LITIGATION UPDATE**

Betsy Stivers reported that the personnel matter is still pending. The discovery closed on January 17<sup>th</sup> and all deadlines have been suspended pending a judicial settlement conference scheduled for March 13<sup>th</sup>.

### **BOARD POLICY REVIEW**

Dr. Rebecca M. Wyke stated that Board Policy 4.3 was amended to reflect the current job title, other minor changes, and updated to include periodic evaluations.

- Action. Henry Beck made a motion, seconded by Shirrin Blaisdell, that the Board approve amended Board Policy 4.3. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

### **ADJOURNMENT**

- Action. Henry Beck made a motion, seconded by Shirrin Blaisdell, to adjourn the February Board of Trustees meeting. Voted unanimously by eight Trustees (Beck, Beliveau, Blaisdell, Brunton, Kimball, Metivier, Noyes, and Williams).

The meeting adjourned at approximately 12:40 p.m.

3/9/23

Date Approved by the Board

Dr. Rebecca M. Wyke, Chief Executive Officer

Date Signed

**Date:** February 27, 2023  
**To:** Board of Trustees  
**From:** Dr. Rebecca M. Wyke, CEO  
**Re:** CEO Report

### **Trustee Charter**

Included in the Board Meeting materials is a proposed Trustee Charter, which appears as an action item on the agenda. The charter sets out the Board's principles, duties, and oversight responsibilities for the governance of MainePERS and its programs. Adoption of a Board charter is a best practice in Board governance. The Charter is consistent with current Board policies and practices.

### **Employee Survey**

The sixth goal in the 5-Year Strategic Plan is to “foster an engaged workforce that advances the organization’s mission”. As part of this work, we conducted an employee satisfaction survey from January 15 – February 1, 2023 to establish a baseline against which we can measure progress. The survey results are included in the Board Meeting materials and will be presented at the meeting.

### **Retirement Services Presentation**

At the meeting the Board will receive a presentation on Retirement Services by Chief Services Officer Chip Gavin; Shelley O’Brian, Assistant Director of Member Services for Retirement Services; Lynn Hancock, Retirement Services Division Operations Leader; and Deanna Doyle, PLD Plan Administrator. The presentation serves *Board Policy 1.8 Trustee Education* by providing required education on the System’s lines of business operations.

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**MAINEPERS**

**BOARD OF TRUSTEES MEMORANDUM**

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**TO:** BOARD MEMBERS  
**FROM:** DR. REBECCA M. WYKE, CEO  
**SUBJECT:** MAINEPERS 2023 EMPLOYEE SATISFACTION SURVEY  
**DATE:** FEBRUARY 28, 2023

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**POLICY REFERENCE**

[Board Policy 5.3 Service to Staff](#)

MainePERS conducted an employee satisfaction survey January 15 – February 1, 2023. All employees were invited to participate in the survey. Seventy-six (76) employees completed the survey, a 72% response rate. A copy of the survey is attached.

Of those responding, 74% stated that they “agree” or “strongly agree” they are satisfied with their job, 16% were neutral, and 10% stated they “disagree” or “strongly disagree”. Ninety-one percent (91%) indicated that they “agree” or “strongly agree” they know what is expected of them in their position, 4% were neutral, and 5% indicated that they “disagree” or “strongly disagree”. While, 82% said they “always” or “usually” receive helpful feedback from their supervisor, while 13% said “sometimes” and 5% said “rarely.”

Responses to the survey suggest some optimism that the work culture and environment are moving in a positive direction, but also acknowledge there is more work to do and that transformation takes time. Employees noted that interdepartmental relationships need attention and that the work backlogs were burdensome. Additionally, employees expressed concerns that the compensation structure did not value seasoned employees and that entry-level compensation was too low.

The results of the survey have been shared with staff and senior management continues to work on addressing issues of concern.

**RECOMMENDATION**

*No Board action is recommended at this time.*

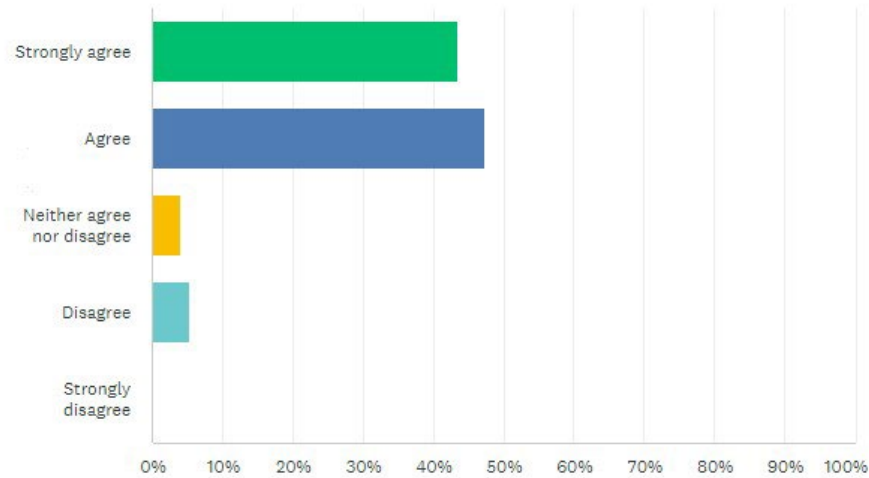
# Employee Survey

January 15 – February 1, 2022

# Employee Survey – Question 1

I know what is expected of me in my position.

Answered: 76 Skipped: 0



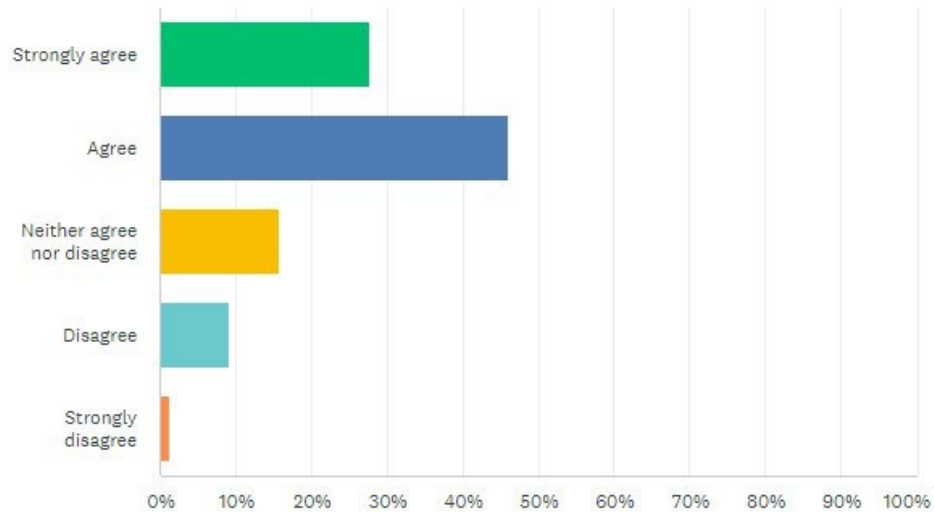
ANSWER CHOICES	RESPONSES
Strongly agree	43.42% 33
Agree	47.37% 36
Neither agree nor disagree	3.95% 3
Disagree	5.26% 4
Strongly disagree	0.00% 0
<b>TOTAL</b>	<b>76</b>



# Employee Survey - Question 2

In general, I am satisfied with my job.

Answered: 76 Skipped: 0

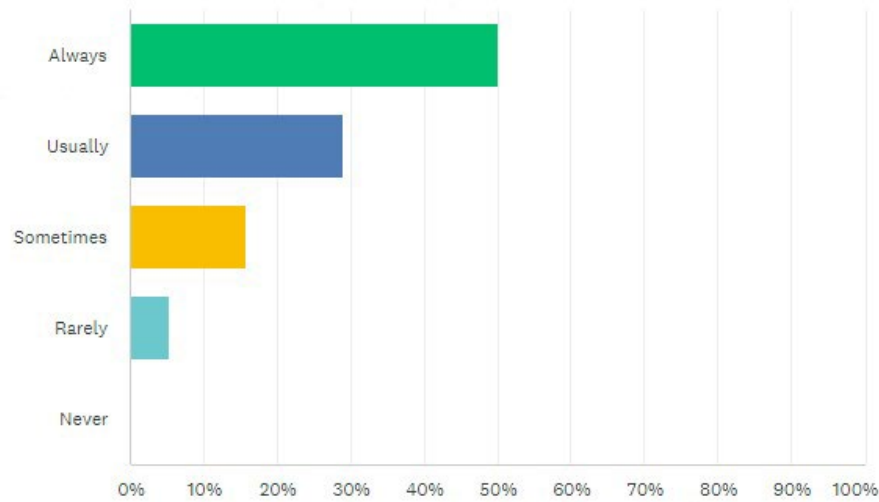


ANSWER CHOICES	RESPONSES
Strongly agree	27.63% 21
Agree	46.05% 35
Neither agree nor disagree	15.79% 12
Disagree	9.21% 7
Strongly disagree	1.32% 1
<b>TOTAL</b>	<b>76</b>

# Employee Survey - Question 3

I receive timely and relevant communications from my supervisor.

Answered: 76 Skipped: 0

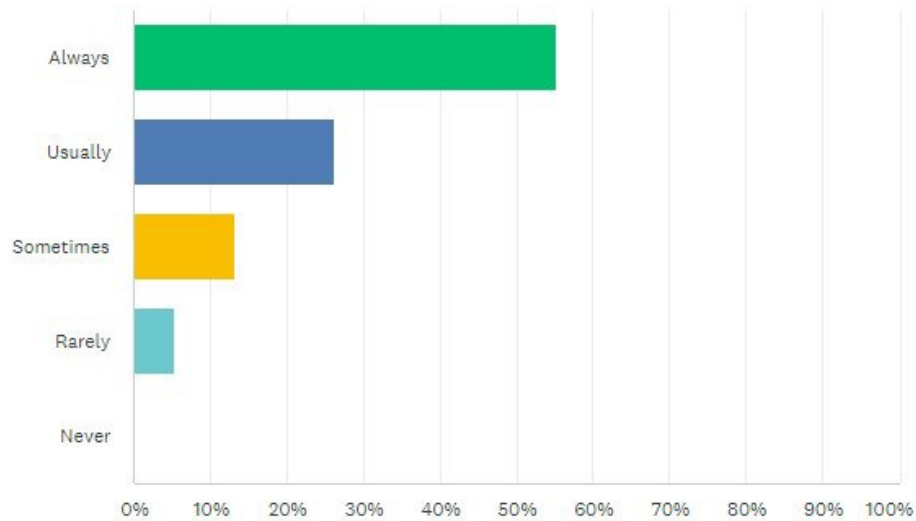


ANSWER CHOICES	RESPONSES
Always	50.00% 38
Usually	28.95% 22
Sometimes	15.79% 12
Rarely	5.26% 4
Never	0.00% 0
<b>TOTAL</b>	<b>76</b>

# Employee Survey - Question 4

My supervisor provides helpful feedback.

Answered: 76 Skipped: 0

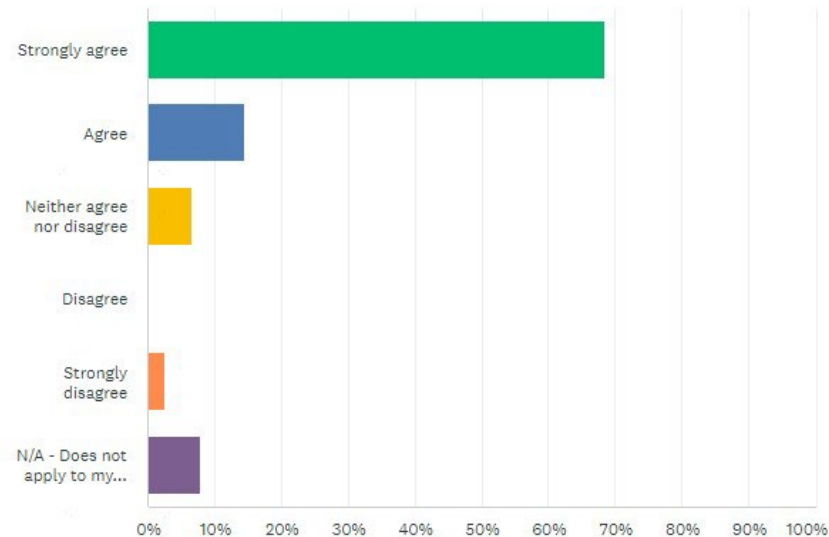


ANSWER CHOICES	RESPONSES
Always	55.26% 42
Usually	26.32% 20
Sometimes	13.16% 10
Rarely	5.26% 4
Never	0.00% 0
<b>TOTAL</b>	<b>76</b>

# Employee Survey - Question 5

The option of a hybrid remote work schedule is beneficial for MainePERS and has improved my work-life balance.

Answered: 76 Skipped: 0

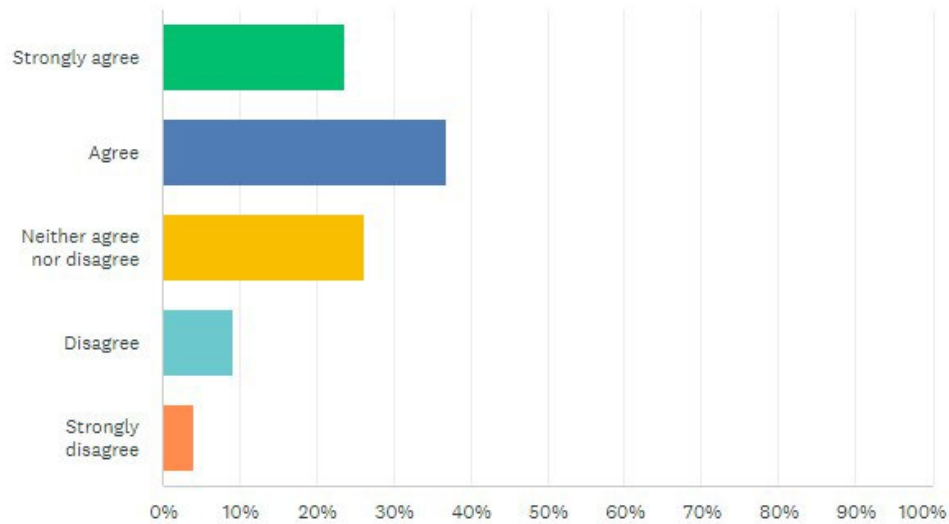


ANSWER CHOICES	RESPONSES
Strongly agree	68.42% 52
Agree	14.47% 11
Neither agree nor disagree	6.58% 5
Disagree	0.00% 0
Strongly disagree	2.63% 2
N/A - Does not apply to my position	7.89% 6
<b>TOTAL</b>	<b>76</b>

# Employee Survey - Question 6

I would recommend MainePERS as a great place to work.

Answered: 76 Skipped: 0



ANSWER CHOICES	RESPONSES
Strongly agree	23.68% 18
Agree	36.84% 28
Neither agree nor disagree	26.32% 20
Disagree	9.21% 7
Strongly disagree	3.95% 3
<b>TOTAL</b>	<b>76</b>

# Survey Themes

- Work culture and environment are moving in a positive direction, but there is more work to do and transformation takes time
- Interdepartmental relationships need attention – all departments contribute to the work of MainePERS and should be valued
- Backlogs are burdensome
- Compensation structure does not value seasoned employees, and entry-level compensation is too low.

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**MAINEPERS**

**BOARD OF TRUSTEES MEMORANDUM**

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**TO:** BOARD MEMBERS  
**FROM:** DR. REBECCA M. WYKE, CEO  
**SUBJECT:** SERVICE RETIREMENT  
**DATE:** MARCH 1, 2023

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The Board will receive a presentation on Retirement Services by Chief Services Officer Chip Gavin; Shelley O'Brian, Assistant Director of Member Services for Retirement Services; Lynn Hancock, Retirement Services Division Operations Leader; and Deanna Doyle, PLD Plan Administrator. The presentation serves *Board Policy 1.8 Trustee Education* by providing required education on the System's lines of business operations.

**POLICY REFERENCE**

[Board Policy 1.8 Trustee Education](#)

**RECOMMENDATION**

*No Board action is recommended at this time.*



**MainePERS**  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

MainePERS Board of Trustees  
Mission Moment:  
Service Retirement

March 9, 2023



# Program Overview

Chip Gavin  
Shelley O'Brian  
Lynn Hancock  
Deanna Doyle

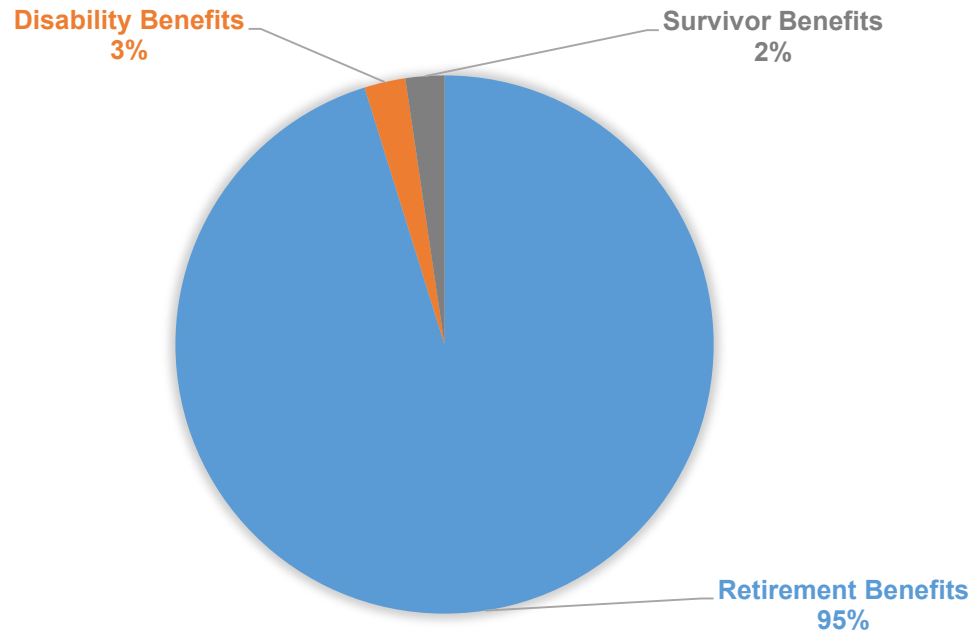
# Program Overview

- Service Retirement is the core benefit offered by MainePERS to its members.
  - Service Retirement is a **defined benefit plan** that provides monthly income to members who have met the necessary age and/or service requirements to receive the benefit.
  - The benefit – a monthly payment made to recipients – is determined by a formula that accounts for a person's highest level of compensation when working and their length of service.

# Monthly Service Retirement Benefits

- In FY22, MainePERS paid out ~ \$1.07 billion in benefits (retirement, disability and survivor).
- Of this amount, approximately 95% is for a service retirement benefit.

**DISTRIBUTION OF MONTHLY BENEFIT PAYMENT RECIPIENTS (FY'22)**



# Eligibility and Benefit Determination

- Eligibility for benefits is based on:
  - Employment by a MainePERS covered employer,
  - Employee vesting (5 years), and
  - Meeting the age and service credit eligibility of the respective plan.
- The standard regular plan benefit is based on:
  - Average final compensation (AFC),
  - Years of creditable service (service credit), and
  - A 2% multiplier.
  - Special plans have different requirements.
- Regular plan formula:  $AFC \times \text{service credit} \times .02 = \text{annual benefit}$
- Determining the AFC and service credit can be complicated and the annual benefit can be affected by other factors, such as the payment option a member chooses.

# Umbrella and Subsidiary Plans

- MainePERS operates 5 umbrella plans and numerous subsidiary specific plans to meet the needs of different employers and members and in some cases for legacy reasons.
- The state-sponsored umbrella plans are: State, Teacher, Judicial and Legislative. The State plan has 6 subsidiary plans.
- There is one umbrella PLD plan, which has 17 subsidiary plans.
- Plan Membership:

Status	State	Teacher	PLD	Judicial	Legislative
Active Members	12,403	27,718	12,362	60	174
Inactive Vested	3,150	5,693	2,724	2	119
Inactive Due Refund	9,023	29,784	10,535	1	95
Retired	11,298	18,738	7,756	70	184
Retired - Concurrent Beneficiary	1,055	1,314	743	4	6

# Retirement Programs and Subsidiary Plans

Retirement Program	Subsidiary Plans	Discrete Plans	
State	6	Regular Plan Employee Special 25 & Out Plan Employee 1998 Special Plan Fire Marshal Special Plan Inland Fisheries & Wildlife Officers Special Plan (Closed) State Police Special Plan (Closed)	
PLD	14	PLD Reg AC Age 60 PLD Reg AC Age 65 PLD Reg BC Age 60 PLD Reg BC Age 65 PLD Spec 1C PLD Spec 2C PLD Spec 3C	PLD Spec 4C PLD Reg AN Age 60 PLD Reg AN Age 65 PLD Spec 1N PLD Spec 2N PLD Spec 3N PLD Spec 4N
Teacher	1	Regular Plan	
Judicial	1	Regular Plan	
Legislative	1	Regular Plan	

# Member Perspective

# While Actively Working

- Employers and most employees make contributions to the plan
- Members may attend a general information session about their respective plan early in their employment.
- Members achieve vested status at 5 years (or reach normal retirement age while in service), entitling them to a benefit in retirement.
- Members receive an annual account statement of their vested status, normal retirement age, years of service credit, contributions paid and interest to date, and named beneficiaries for pension and group life insurance.
- Members may call us or visit the MainePERS website for information on eligibility for benefits, legislative and rule changes, and other information.



# Getting Ready to Retire

- Members may request a benefit calculation estimate, which includes their age at effective date of retirement, years of service credit, contributions paid and interest to date, AFC, and estimated monthly benefit by benefit payment option.
- Members may also request an update for the benefit calculation estimate as they move closer to retirement.
- Members may attend a planning session to gain a better understanding of the benefit calculation estimate and the benefit payment options available.

# Applying for Retirement

- Members submit a service retirement application at least 2 months prior to their intended retirement date.
- Members select one of the 9 benefit payment options, including a full benefit at the maximum amount for life and other variable payment options to accommodate one or more beneficiaries.
- Members may not change their benefit payment options once they are retired.
- Active members terminate employment and their retirement effective date is the first of the month following their termination of employment.
- Most inactive, vested members retire the first of the month following the date they become eligible due to age and/or service.

# Receiving a Benefit

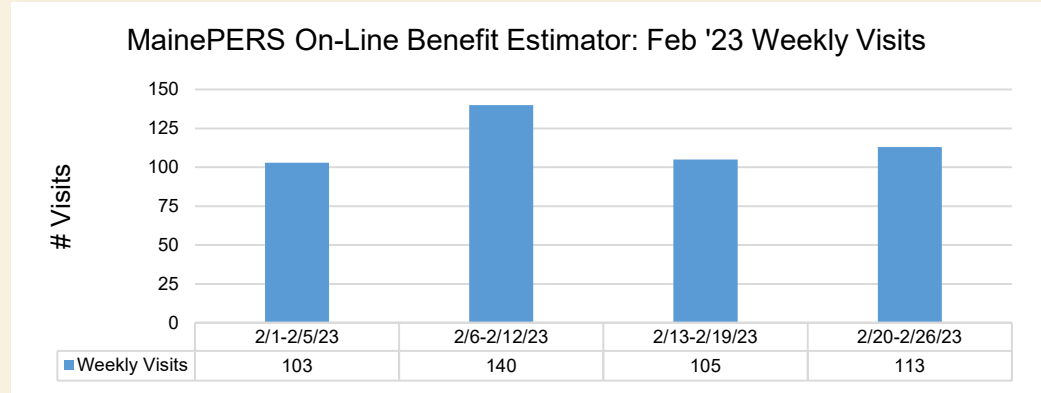
- Members benefits are initially based on a preliminary estimate of their benefit.
- Members receive a Notice of Retirement when their benefit is finalized, normally within 6 months of retirement.
- Members receive their benefit payment via direct deposit.
  - 99% of retirees receive a preliminary benefit within a month of retirement.
  - The average benefit payment is \$2,220/month.

# Current Initiatives

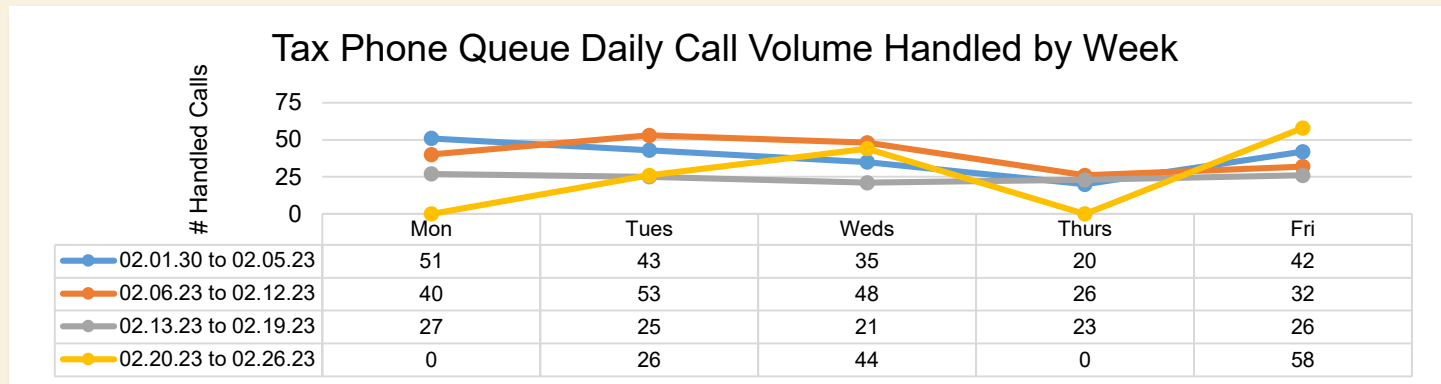
# What's New

- Enhanced Member Account Statements mailed annually
  - Roughly 5,500 statement sent per month, plus off-cycle requests

- On-line Benefit Estimator
  - Live in January 2023



- Pro-Active Messaging
  - Via email and USPS to PLD COLA recipients
  - Via phone queue to access COLA information
  - Via phone queue to access tax information



# What's New

## Member Education

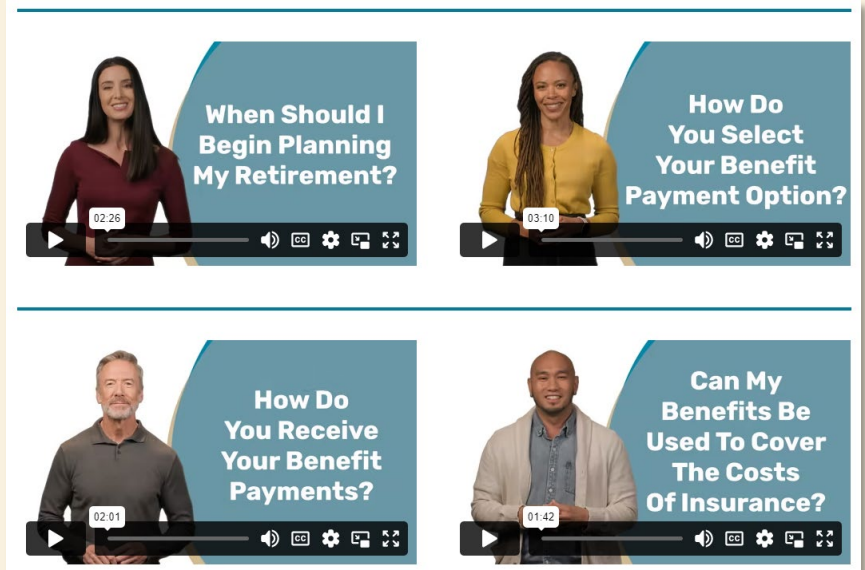
- Launching April 2023: Introduction to MainePERS webinar for early and mid-career members
- Supplements extensive existing education for members nearing retirement

### 2023 Retirement Planning Sessions

DAY	DATE	TIME	SUBJECT	STATUS
Wednesday	2/22/2023	2:30 p.m.	READY TO RETIRE	ONLINE
Thursday	2/23/2023	9:00 a.m.	READY TO RETIRE	ONLINE
Thursday	3/23/2023	2:30 p.m.	READY TO RETIRE	ONLINE
Wednesday	4/19/2023	2:30 p.m.	READY TO RETIRE	ONLINE
Thursday	4/20/2023	9:00 a.m.	INTRO TO TEACHER PLAN	ONLINE
Thursday	5/25/2023	2:30 p.m.	READY TO RETIRE	ONLINE
Thursday	6/8/2023	2:30 p.m.	READY TO RETIRE	ONLINE

## Now live:

- Inaugural on-demand videos for members preparing to retire



# Also in planning

- On-line Member Portal – Fall 2023
  - Secure access for members, retirees, beneficiaries
  - View and download documents (e.g. Memb. Acct. Statement, AoD, 1099-R)
  - View: Recent disbursements, beneficiary information
- Line of Business System Upgrade/Replacement Process
  - Projected Schedule
    - 2022: Project included in Strategic Plan adopted by Trustees
    - 2022: Project team chartered by CEO
    - 2023-2024: Research, solicitation and evaluation
    - 2024-2027: Implementation
  - Key Initial Project Principles
    - Enable MainePERS to deliver industry-leading member services
    - Increase efficiency and decrease manual intervention
    - Modernize software/platform itself; move to cloud technology
    - Deliver cost effective support and maintenance
    - Allow for adaptation should changes to plan administration be necessary



Thank you!  
Questions?



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**MAINEPERS**

**BOARD OF TRUSTEES MEMORANDUM**

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**TO:** BOARD MEMBERS  
**FROM:** DR. REBECCA M. WYKE, CEO  
**SUBJECT:** TRUSTEE CHARTER  
**DATE:** FEBRUARY 28, 2023

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Following this memo is a proposed Trustee Charter, which sets forth the Board's principles, duties, and oversight responsibilities for the governance of MainePERS and its programs.

**POLICY REFERENCE**

[Board Policy 1.1 – Governance Principles and Commitment](#)

[Board Policy 1.2 – Trustee Fiduciary Responsibility](#)

[Board Policy 1.3 – Standards of Conduct](#)

[Board Policy 1.4 – Trustee Responsibilities and Position Description](#)

**RECOMMENDATION**

*That the Board approve the proposed MainePERS Board of Trustees Charter.*

## **MainePERS Board of Trustees Charter**

Adopted: XXXXX, 2023

Every Trustee is a fiduciary for the System's members and beneficiaries. As such, Trustees are expected to participate fully in all Board business and in their assigned roles on the Board. Trustees are expected to maintain current knowledge on issues facing the system. Trustees must be able to devote the time necessary to fulfill the commitments of good stewardship, fiduciary duty, and others delineated by Maine law. (1.4) Accordingly, the Board of Trustees has adopted this charter which sets out the Board's principles, duties, and oversight responsibilities for the governance of MainePERS and its programs.

### **Board Principles**

The Board will govern with an emphasis on outward and future vision, strategic leadership, encouraging diverse viewpoints and collective decision-making. The Board will maintain a clear distinction between Board and management roles.

In order to govern under these principles, the Board commits to:

- Promoting group responsibility while using the individual experience of members to enhance the proficiency of the Board as a body;
- Directing, controlling and inspiring the organization through broad written governance policies focused on long-term outcomes that reflect the Board's values and perspectives;
- Governing itself with excellence, allowing no individual Trustee to hinder or be an excuse for not making collective decisions or fulfilling its commitments;
- Continuing Board development including orientation of new Trustees in the Board's governance process and periodic Board discussion of governance improvements; and
- Monitoring and discussing the Board's process and performance through annual self-evaluations. (1.1)

### **Board Duties**

The Trustees of the System, both collectively as the Board and individually, have a fiduciary duty imposed by the Constitution of Maine, statutes, and common law. The members of the Board of Trustees are trustees of the funds of the System and have a fiduciary obligation to administer the System and the funds under the System's control solely in the best interests of the members as beneficiaries of pension and related benefits.

It is the obligation of every Trustee to conduct themselves in a manner that promotes public confidence in the integrity, impartiality, professionalism and ethical behavior of the system in its relations with retirees, beneficiaries, members, employers, the public, staff and outside providers of goods and services.

Nothing shall excuse any Trustee from any other restrictions or requirements of State or federal law concerning conflicts of interest and fiduciary duties. (1.2, 1.3)

The duties of the Board include, but are not limited to:

1. Setting policy for the Chief Executive Officer (CEO) to implement;
2. Monitoring compliance with applicable law, regulations, rules and policies;
3. Adopting, monitoring and periodically updating a strategic plan and key performance and risk measures;
4. Considering recommendations from staff and Board consultants before making decisions;
5. Adopting an annual budget to support operations and monitoring expenses;
6. Adopting rules governing the administration of benefits;
7. Submitting reports and making recommendations to the Legislature regarding the plan's fiscal health and changes to the law; and
8. Reviewing and discussing major issues impacting MainePERS.

### **Board Oversight Responsibilities**

The Board's oversight responsibilities are outlined as follows:

1. Governance. The Board shall:
  - a. Elect Board officers annually *(1.5)*
  - b. Adopt a Board calendar and work plan annually
  - c. Review the strategic plan annually and update periodically
  - d. Monitor key performance and risk measures annually
  - e. Participate in a Board self-assessment annually *(1.7)*
  - f. Review the Board education plan annually *(1.8)*
  - g. Review Board policies on a three-year cycle and update as needed
  - h. Delegate responsibilities to the CEO, as appropriate *(4.1)*
2. Finance and Audit. The Board shall:
  - a. Approve the administration and investment operating budgets annually *(1.6)*
  - b. Adopt an internal audit plan and update periodically *(1.6)*
  - c. Accept the audited financial statements of the Plan annually *(1.6)*
  - d. Review the Board's independent financial auditor every five years and competitively bid as needed *(1.6, 4.4)*
  - e. Monitor the administration and investment operating budgets quarterly through the Finance and Audit Committee *(1.6)*
  - f. Monitor internal audit activity quarterly through the Finance and Audit Committee *(1.6)*
3. Investments. The Board shall:
  - a. Review investment performance monthly *(2.1)*
  - b. Participate in investment education quarterly *(1.8)*
  - c. Review rebalancing activity quarterly *(2.1)*
  - d. Review proxy voting reports semi-annually *(2.7)*
  - e. Review capital market expectations and existing asset class allocations annually *(2.1)*
  - f. Review the investment policy statement annually
  - g. Review the ESG report and policy annually *(2.6; PL2021, c. 231)*
  - h. Conduct an asset/liability study every five years and adjust asset allocation as needed

- i. Review the Board's custodian, proxy advisor, and consultants every five years and competitively bid as needed (2.1, 4.4)
  - j. Consider recommendations of investment staff and consultants on investment manager selection and MaineSTART plan investment options (2.1, 2.1-C)
4. Funding and Actuarial. The Board shall:
- a. Participate in actuarial practices education annually (1.8)
  - b. Review actuarial economic assumptions annually (2.2)
  - c. Conduct an actuarial valuation of each plan annually (2.2)
  - d. Set contribution rates for the state-sponsored plans biennially (2.2)
  - e. Conduct a Group Life Insurance Premium Study every four years and set premiums for all participant groups (2.1-A)
  - f. Conduct an actuarial experience study every five years (2.2)
  - g. Conduct an actuarial audit every five years (2.2)
  - h. Review the Board's actuary every five years and competitively bid as needed (2.2, 4.4)
5. Operations. The Board shall:
- a. Participate in education about the System's lines of business (1.8)
  - b. Consider appeals of administrative determinations as needed (2.4)
  - c. Monitor member services data monthly
  - d. Review the enterprise-wide risk assessment annually
  - e. Approve cost-of-living-adjustments for retired members and beneficiaries annually (5 M.R.S. §§ 17806 & 18407)
  - f. Monitor cybersecurity and business continuity preparedness
6. Personnel. The Board shall:
- a. Appoint the CEO
  - b. Review the performance and set the compensation of the CEO annually (4.3)
  - c. Ensure there is an appropriate succession plan for the CEO and other key positions
  - d. Approve collective bargaining agreements
7. Legal Matters. The Board shall:
- a. Ensure compliance with applicable laws and regulations
  - b. Adopt agency rules when required or otherwise appropriate (2.3)
  - c. Review outstanding litigation monthly
  - d. Comply with open meeting requirements (1.10, 5.6)

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**MAINEPERS**

**BOARD OF TRUSTEES INVESTMENTS MEMORANDUM**

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**TO:** BOARD MEMBERS  
**FROM:** JAMES BENNETT, CHIEF INVESTMENT OFFICER  
**SUBJECT:** INVESTMENT REVIEW  
**DATE:** MARCH 1, 2023

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Following this memo is the Monthly Investment Review for February.

**POLICY REFERENCE**

[Board Policy 2.1 – Investment Policy Statement](#)

[Board Policy 4.5 – Board/Staff Relations](#)

[Board Policy 4.6 – Communication and Support to the Board](#)

**MONTHLY INVESTMENT REVIEW: HIGHLIGHTS AND OBSERVATIONS**

Preliminary Fund results for the month include:

- Month-end fund value of \$18.3 billion.
- Monthly return of -1.0%.
- Calendar year-to-date return of 1.3%.
- Fiscal year-to-date return of 1.3%.



**Maine**PERS  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

# Investment Review

March 9, 2023

# Investment Policy Objective

## Investment Objective

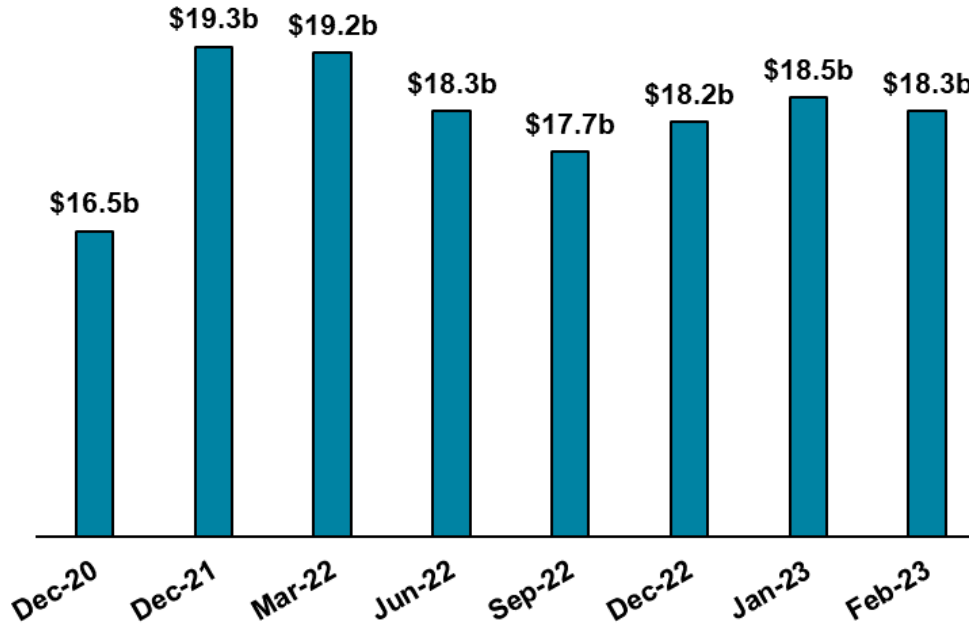
MainePERS' investment objectives balance the System's twin goals of generating investment returns (to ensure growth of the trust funds) and minimizing investment risks (loss of capital and cash flow shortfalls).

The Board recognizes and accepts that these goals are in opposition, and that a trade-off exists between expected risk and return. The Board balances these goals by seeking to optimize portfolio returns consistent with an established targeted portfolio risk level.

Additionally, by optimizing investment returns on trust assets, rather than attempting to maximize them, the Board seeks to maintain contribution rate and funding level volatility at acceptable levels that have been determined from time to time during strategic asset allocation planning and asset/liability reviews.

# February 2023 Performance (Preliminary)

The **preliminary** fund value at the end of February is \$18.3 billion.

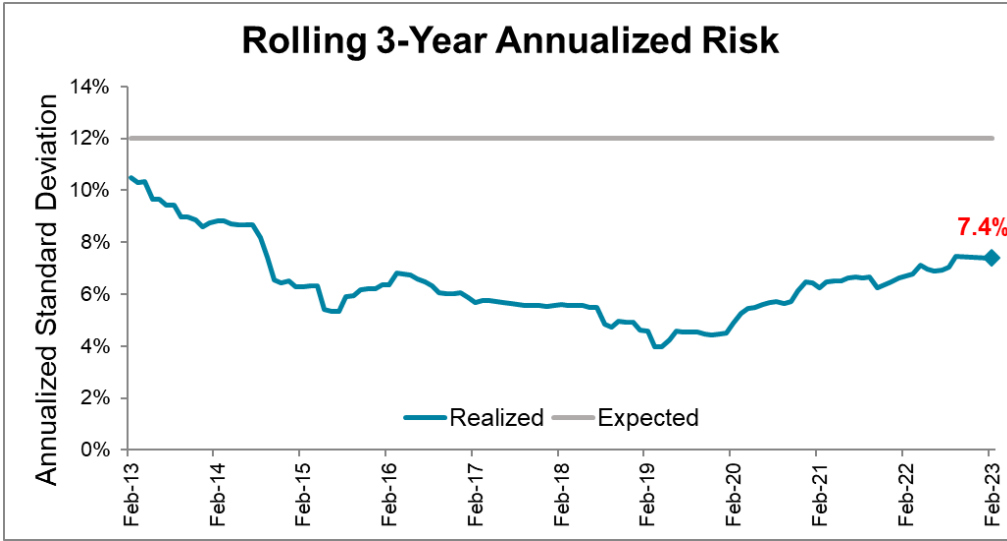


## Fund and Benchmark Returns

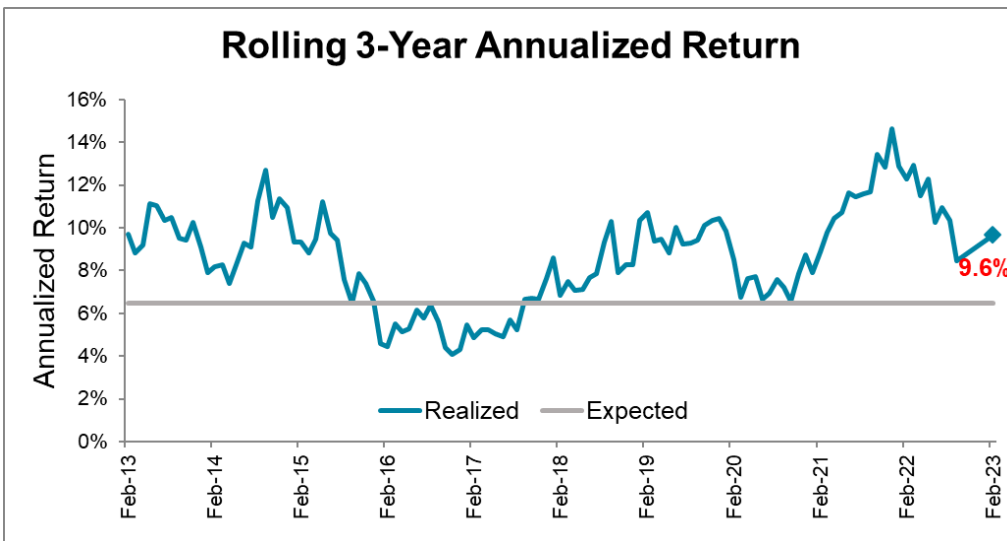
	Feb-23	CYTD 2023	FYTD 2023
Total Fund	-1.0%	1.3%	1.3%
Russell 3000	-2.3%	4.4%	6.9%
MSCI ACWI ex-USA	-3.5%	4.3%	7.4%
Bloomberg US Aggregate	-2.6%	0.4%	-2.6%



# Investment Objective Measurement: Risk and Return



Despite heightened volatility in 2022, observed risk at the Fund level remains below targeted risk on a rolling 3-year annualized basis.



On a rolling 3-year annualized basis, investment returns have exceeded expected values and the System's discount rate.

Note: Rolling 3-year return and standard deviation are calculated at each point in time based on returns over prior 36 months. All figures are annualized.

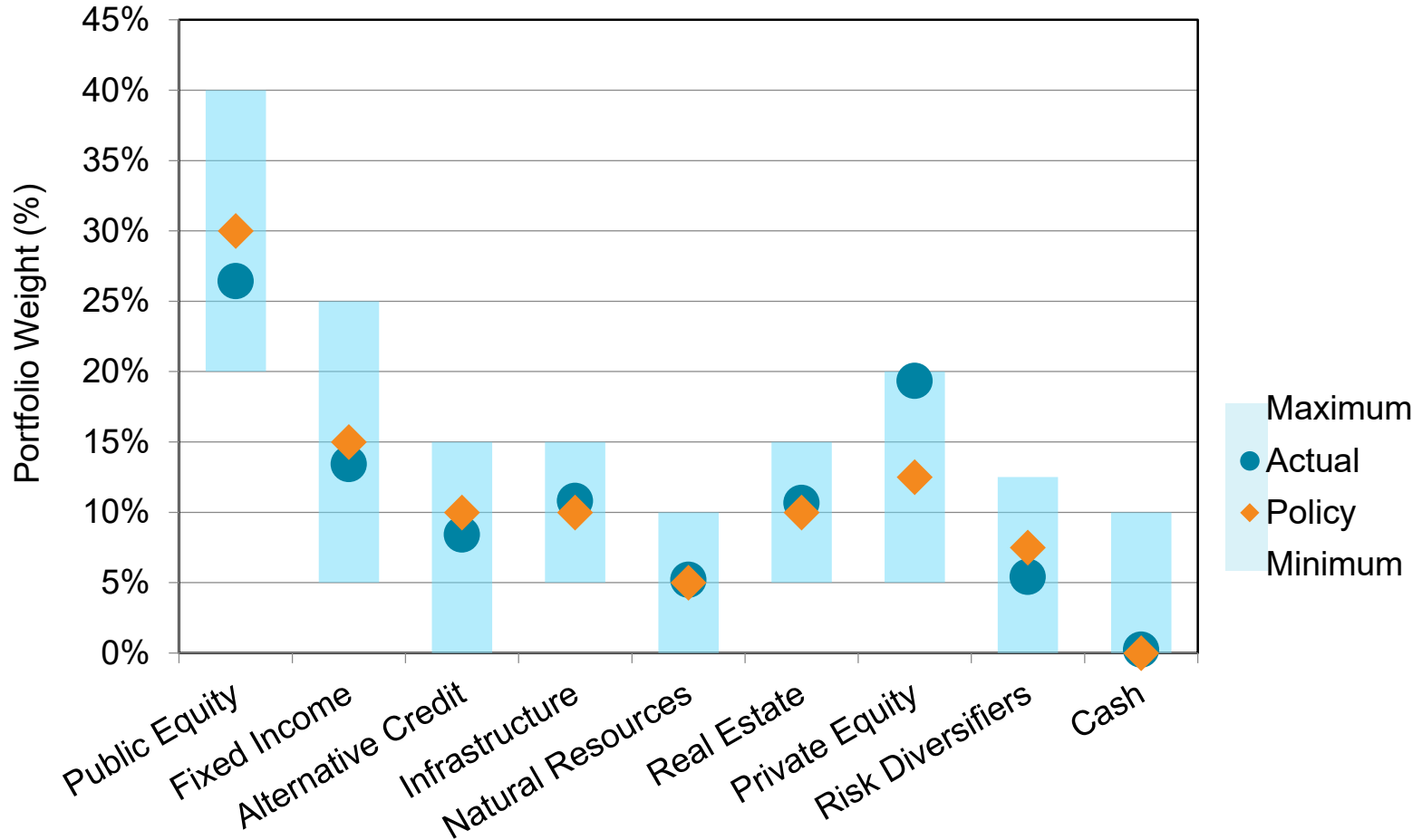
# February 2023 Asset Allocation (Preliminary)

Assets (Millions)	Value	% of Fund	Policy %
<b>MainePERS Portfolio</b>	<b>\$ 18,331</b>	<b>100.0%</b>	<b>100.0%</b>
Domestic Equity	\$ 2,926	16.0%	18.0%
International Equity	\$ 1,921	10.5%	12.0%
Fixed Income	\$ 2,463	13.4%	15.0%
Alternative Credit	\$ 1,543	8.4%	10.0%
Infrastructure	\$ 1,983	10.8%	10.0%
Natural Resources	\$ 953	5.2%	5.0%
Private Equity	\$ 3,548	19.4%	12.5%
Real Estate	\$ 1,957	10.7%	10.0%
Risk Diversifiers	\$ 992	5.4%	7.5%
Cash	\$ 44	0.2%	0.0%

Portfolio weights for most asset classes remain near MainePERS Investment Policy asset allocation weights.

Private equity remains overweight at ~19% of Fund value, and private markets assets in aggregate comprise 54% of the overall portfolio, above the 47.5% policy weight.

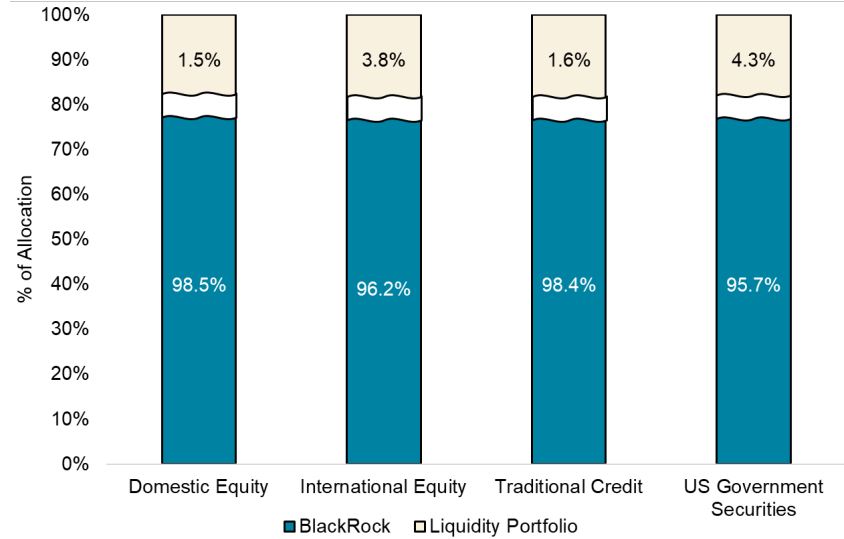
# February 2023 Asset Allocation (Preliminary)



# Public Securities: Liquidity Portfolio

At the end of February, 1.1% of Fund assets were invested via ETFs and futures contracts in an account managed by Parametric Associates.

The Liquidity Portfolio accounts for 2.8% of MainePERS' total exposure to public securities.



MainePERS Liquidity Portfolio	Market Value (Millions)	Exposure Type
Parametric Domestic Equity	\$45.0	Futures
Parametric International Equity	\$73.0	Futures
Parametric Traditional Credit	\$12.7	ETFs
Parametric US Government Securities	\$71.2	Futures
<b>Total Liquidity Portfolio</b>	<b>\$202.0</b>	

# Derivatives and Leverage

MainePERS has **exposure to derivatives** in the following areas:

- Public Equities, Public Fixed Income, and Risk Diversifiers

MainePERS has **financial leverage** (borrowing and investing) in the following areas:

- BlackRock – Financial leverage in securities lending
- JP Morgan – Financial leverage in securities lending
- Alternative Credit
- Infrastructure
- Natural Resources
- Private Equity
- Real Estate

# Investment Related Fees: February 2023

Description	FYTD 23	FY 22	FY 21	FY 20	FY 19
Investment Mgmt. Fees	\$81,938,749	\$119,200,558	\$118,561,261	\$124,480,394	\$106,398,871
Securities Lending Fees <sup>1</sup>	636,781	1,744,317	1,653,172	2,239,396	2,226,826
Consulting Fees	784,272	1,120,000	1,120,000	1,120,000	1,120,000
Broker Commissions <sup>2</sup>	83,852	30,833	52,364	37,461	28,970
Placement Agent Fees	0	0	0	0	0
<b>Total</b>	<b>\$83,443,654</b>	<b>\$122,095,708</b>	<b>\$121,386,797</b>	<b>\$127,877,251</b>	<b>\$109,774,667</b>
<b>Percentage of Fund <sup>3</sup></b>	<b>0.68%</b>	<b>0.66%</b>	<b>0.67%</b>	<b>0.87%</b>	<b>0.74%</b>

1. Securities Lending Fees are through 1/31/2023
2. Actual paid commissions reported by JP Morgan
3. Annualized estimated total fees divided by the current Fund value for FYTD 23. The prior years' calculations are actual fees divided by the June 30 market value of that year.

# Securities Lending: January 2022

	Average Lendable Assets	Average Assets On Loan	Total Sec Lending Revenue	Revenue Split	MainePERS Net Income	MainePERS Net Income, FYTD
<b>BlackRock</b>						
Fixed Income	\$1,890,805,068	\$1,502,027,465	\$94,125	60%/40%	\$56,475	\$495,765
Total Equity	\$1,813,358,220	\$218,835,346	\$94,654	60%/40%	\$62,947	\$517,686
<b>Total Blackrock</b>	<b>\$3,704,163,288</b>	<b>\$1,720,862,811</b>	<b>\$188,779</b>		<b>\$119,422</b>	<b>\$1,013,451</b>
<b>JP Morgan</b>						
Domestic Equities	\$2,789,080,134	\$139,256,230	\$50,410	85%/15%	\$42,855	\$279,863
<b>Total JP Morgan</b>	<b>\$2,789,080,134</b>	<b>\$139,256,230</b>	<b>\$50,410</b>		<b>\$42,855</b>	<b>\$279,863</b>
<b>Total</b>	<b>\$6,493,243,422</b>	<b>\$1,860,119,041</b>	<b>\$239,189</b>		<b>\$162,277</b>	<b>\$1,293,314</b>
Total Annualized Securities Lending Income, FY 2023:				\$2,217,109 (0.01%, or 1.2 bps)		
Total Actual Securities Lending Income, FY 2022:				\$3,118,726 (0.02%, or 1.7 bps)		

# Liquidity Schedule: February 2023

Term	Market Value	Percent of Portfolio
Liquid <sup>1</sup>	\$7,354m	40.1%
Semi-Liquid <sup>2</sup>	\$2,347m	12.8%
Illiquid <sup>3</sup>	\$8,630m	47.1%
<b>Total</b>	<b>\$18,331m</b>	<b>100.0%</b>

<u>Sources and Uses of Liquidity</u>		
	Last 12 Months Actual	Next 12 Months Projection
<b>Private Markets Activity</b>		
Capital Contributions	-\$1,368m	-\$850m
Distributions	\$1,428m	\$1,800m
<b>Net Private Markets Activity</b>	<b>\$61m</b>	<b>\$950m</b>
<b>Benefit Payments</b>	<b>-\$320m</b>	<b>-\$420m</b>
<b>Net Cash Flows</b>	<b>-\$259m</b>	<b>\$530m</b>

<sup>1</sup>Liquid assets includes public equities and public fixed income

<sup>2</sup>Semi-liquid assets includes risk diversifiers, open-end real estate investments, and listed alternative credit funds

<sup>3</sup>Illiquid assets includes closed-end alternative credit, infrastructure, natural resources, private equity, and real estate funds



# MainePERS Alternative Investments Summary

<i>as of 02/28/2023</i>	# of Funds	# of GP Relationships
Alternative Credit	23	13
Infrastructure	34	11
Natural Resources	15	10
Private Equity	122	33
Real Estate	32	18
Risk Diversifiers	9	7
<b>Total*</b>	<b>235</b>	<b>83</b>

\*GP Total may not add due to overlapping relationships

Currently, MainePERS is invested in 235 funds,  
and has 83 distinct manager relationships.

# MainePERS Alternative Investments Summary

<i>(in \$millions)</i> as of 02/28/2023	<u>Current Market Value</u>			<u>Unfunded Commitment</u>	
	Dollars	% of Fund	Policy %*	Dollars	% of Fund
Alternative Credit	\$ 1,543	8.4%	10.0%	\$ 661	3.6%
Infrastructure	\$ 1,983	10.8%	10.0%	\$ 751	4.1%
Natural Resources	\$ 953	5.2%	5.0%	\$ 194	1.1%
Private Equity	\$ 3,548	19.4%	12.5%	\$ 1,147	6.3%
Real Estate	\$ 1,957	10.7%	10.0%	\$ 515	2.8%
Risk Diversifiers	\$ 992	5.4%	7.5%	\$ 80	0.4%
<b>Total Alternatives</b>	<b>\$ 10,976</b>	<b>59.9%</b>	<b>55.0%</b>	<b>\$ 3,348</b>	<b>18.3%</b>

For more details please see Private Markets Investment Summary at <http://www.maineper.org/Investments/>

\*Investment Policy weights approved by the Board of Trustees effective May 2022

Note: Market values shown above are preliminary estimates. Private market asset values are based on 9/30/2022 values, adjusted for subsequent cash flows.

<i>(in \$millions)</i> as of 02/28/2023	<u>Private Market Commitments by Vintage Year</u>				<u>3-Year</u>
	2020	2021	2022	2023	Average <sup>1</sup>
Alternative Credit	\$ 275	\$ 410	\$ 550	\$ -	\$ 412
Infrastructure	\$ 235	\$ 180	\$ 200	\$ -	\$ 205
Natural Resources	\$ -	\$ -	\$ 30	\$ -	\$ 10
Private Equity	\$ 276	\$ 438	\$ 268	\$ 21	\$ 327
Real Estate	\$ 80	\$ 285	\$ 180	\$ -	\$ 182
<b>Total Commitments</b>	<b>\$ 866</b>	<b>\$ 1,313</b>	<b>\$ 1,228</b>	<b>\$ 21</b>	<b>\$ 1,136</b>

<sup>1</sup>13-Year Average: 2020-2022



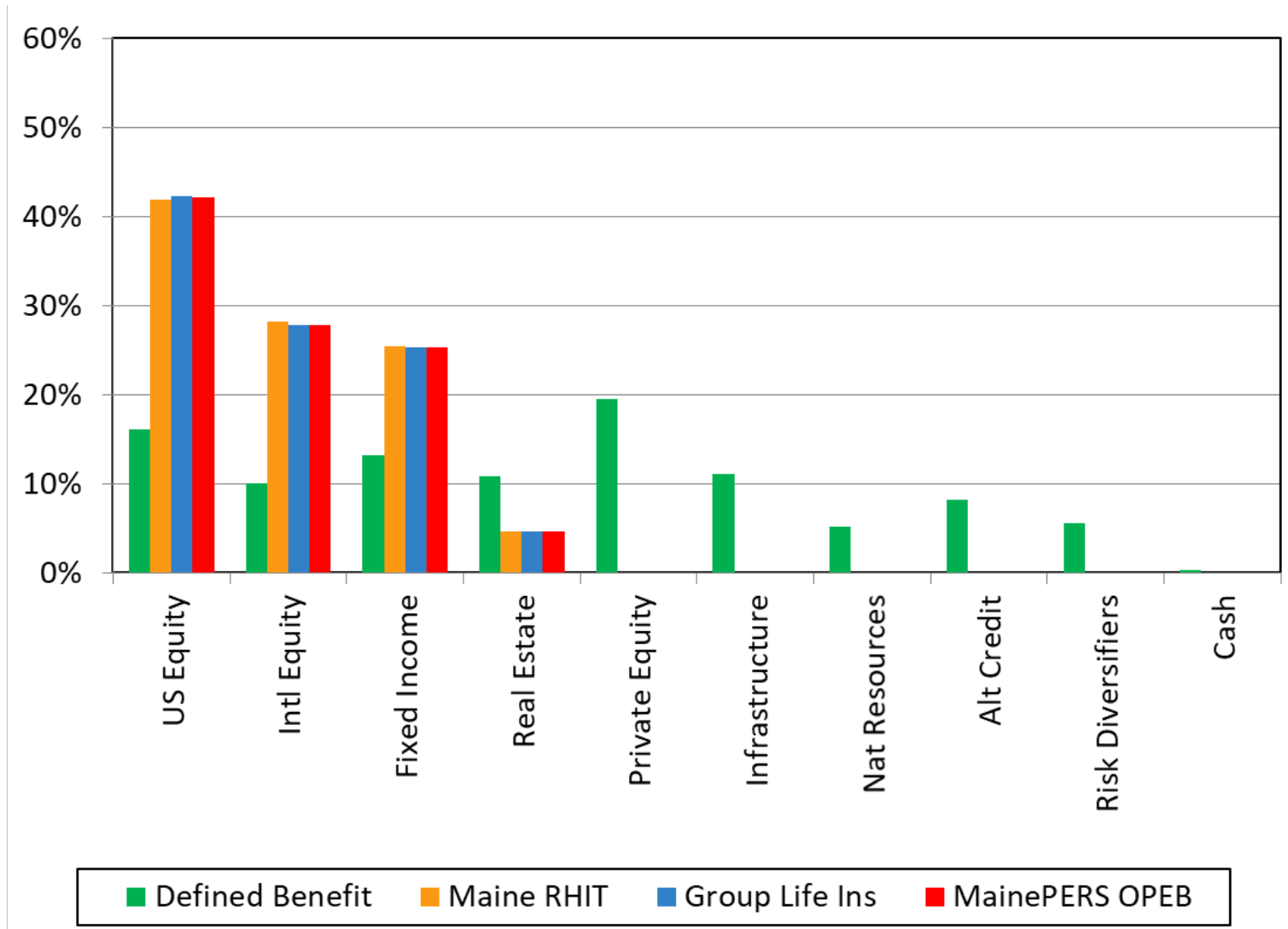
**Maine**PERS  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

# Comprehensive Quarterly Reports

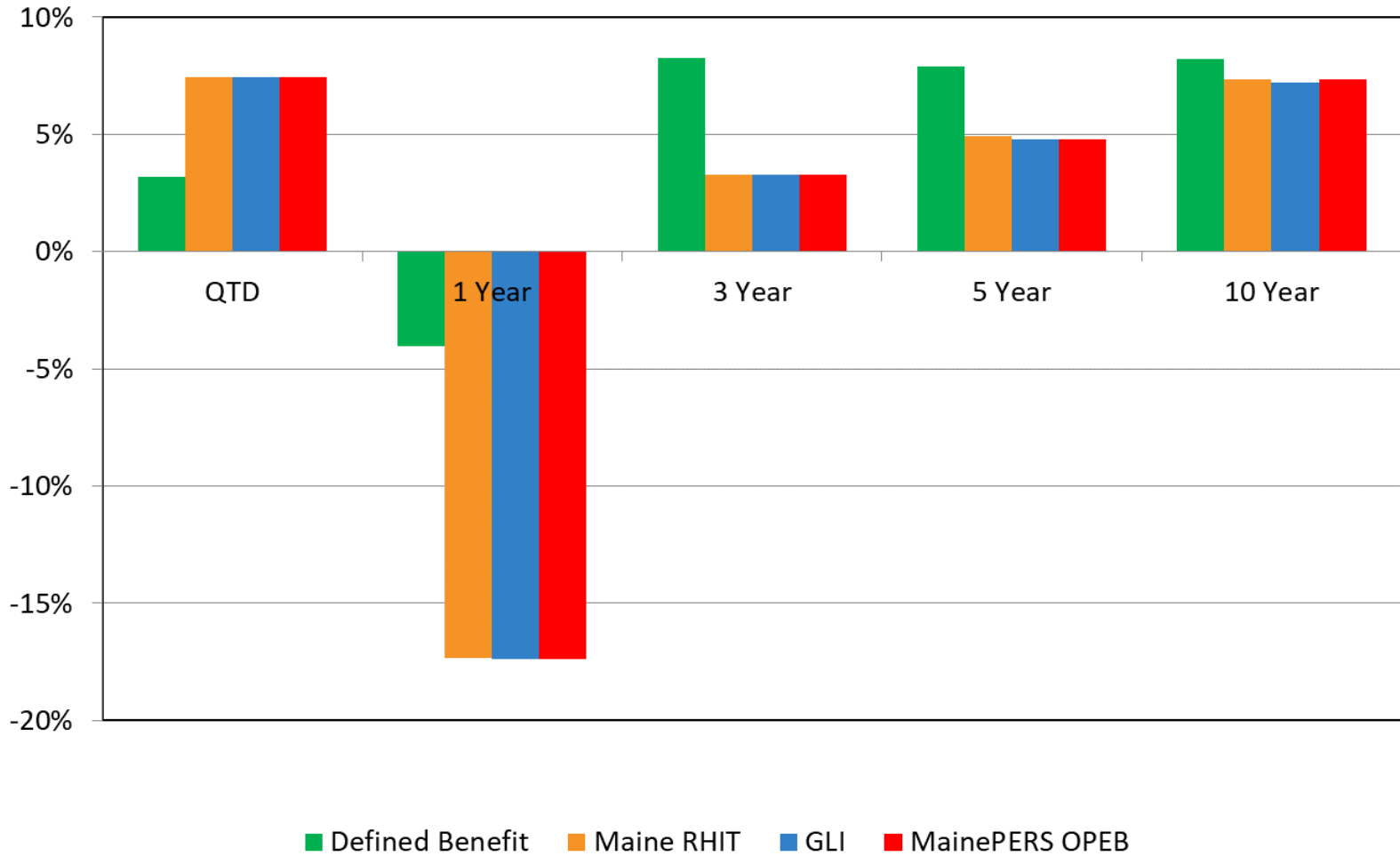
# Investment Returns for all Funds at 12/31/2022

Fund	Market Value (millions)	Quarter End	1 Year	3 Year	5 Year	10 Year
<b>Defined Benefit</b>	<b>\$18,170.6</b>	3.2%	-4.0%	8.2%	7.9%	8.2%
<b>Benchmark</b>		3.4%	-6.4%	6.5%	6.6%	7.2%
<b>Maine RHIT</b>	<b>\$333.3</b>	7.4%	-17.3%	3.3%	4.9%	7.4%
<b>Benchmark</b>		7.6%	-17.1%	2.7%	4.6%	7.1%
<b>Group Life Insurance</b>	<b>\$160.4</b>	7.4%	-17.4%	3.3%	4.8%	7.2%
<b>Benchmark</b>		7.6%	-17.1%	2.7%	4.6%	7.1%
<b>MainePERS OPEB</b>	<b>\$16.3</b>	7.4%	-17.4%	3.3%	4.8%	7.3%
<b>Benchmark</b>		7.6%	-17.1%	2.7%	4.6%	7.1%

# Asset Allocation for All Funds at 12/31/2022



# Performance for All Funds at 12/31/2022

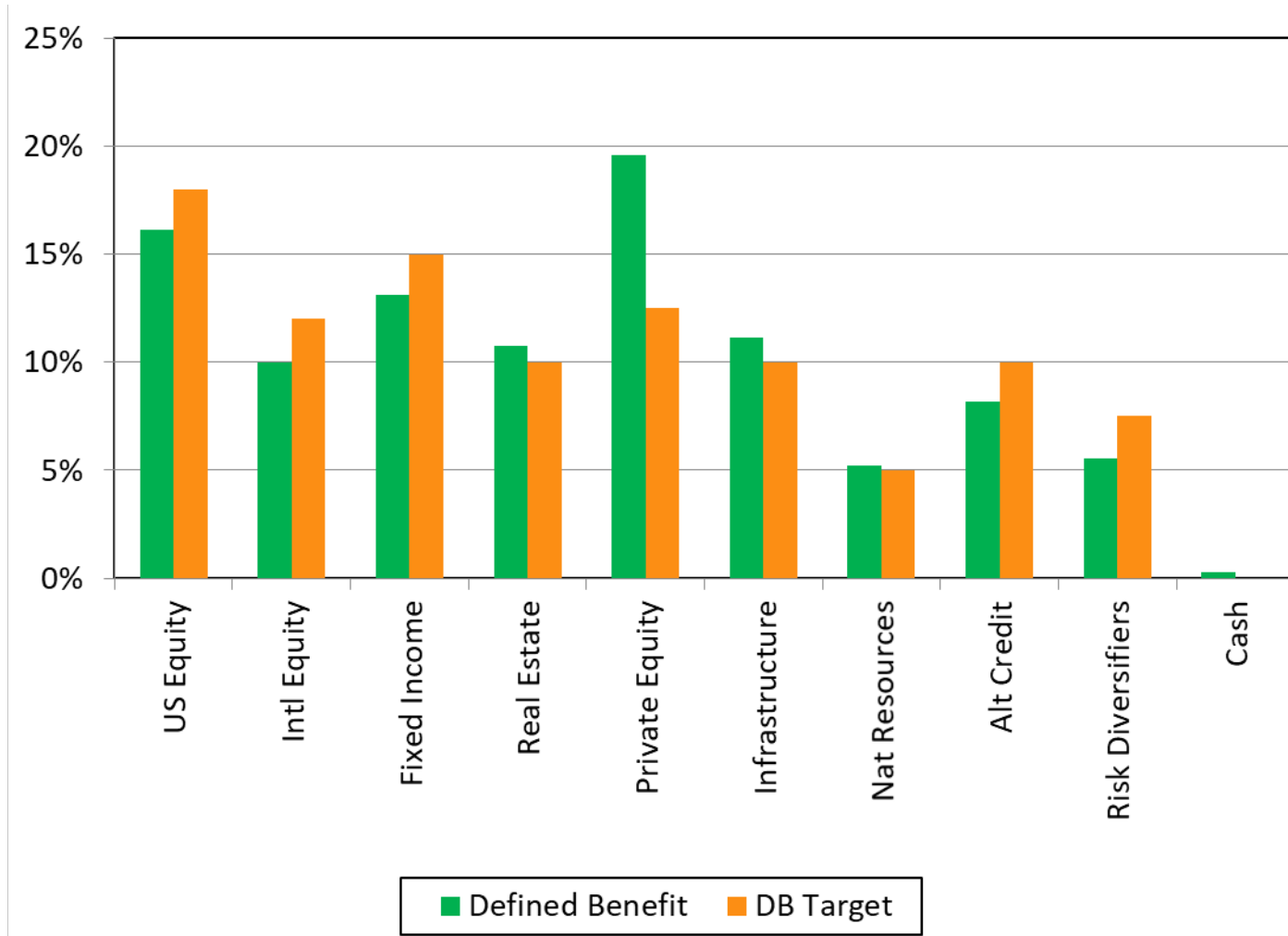




**Maine**PERS  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

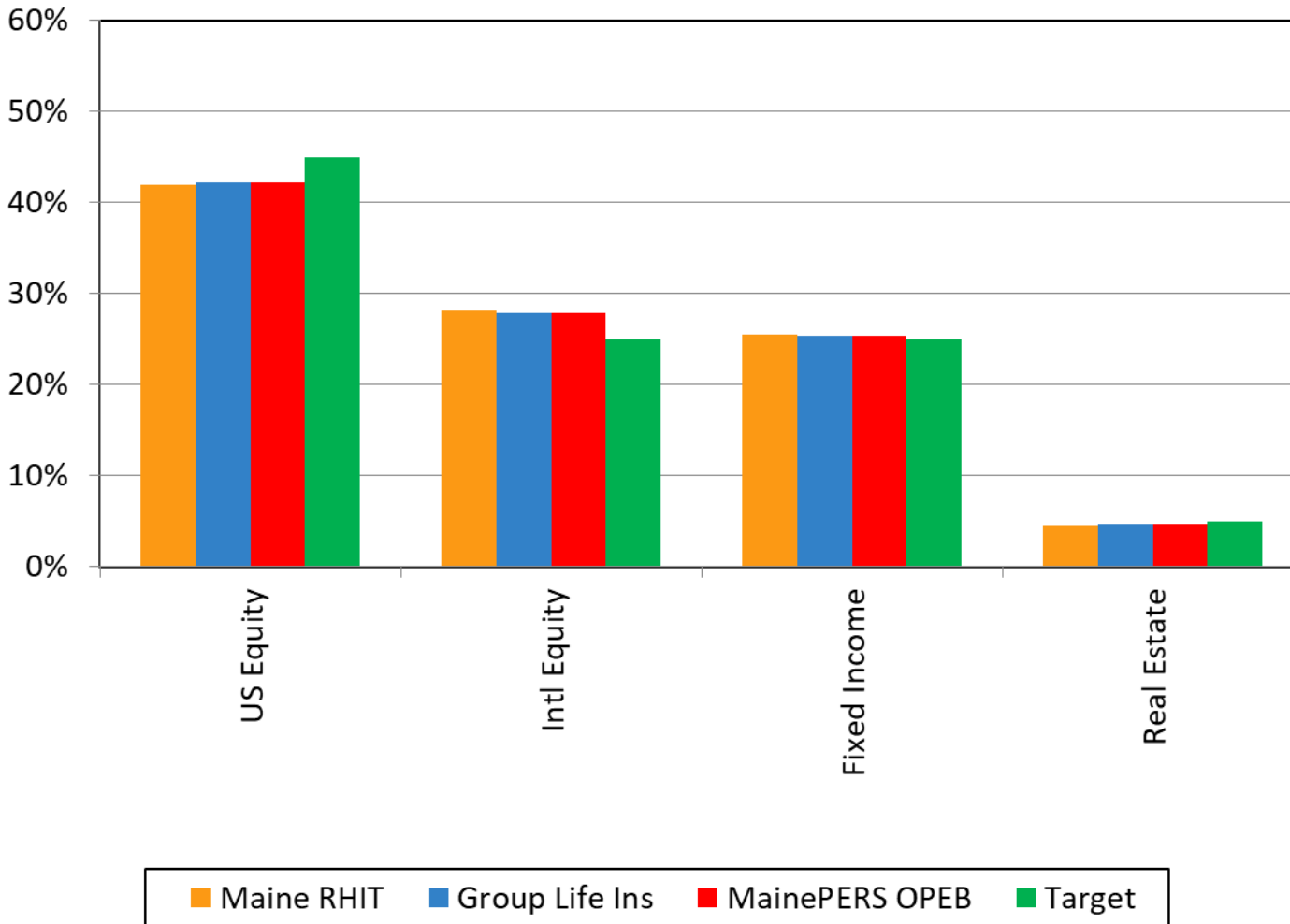
# Appendix

# Asset Allocation for Defined Benefit at 12/31/2022





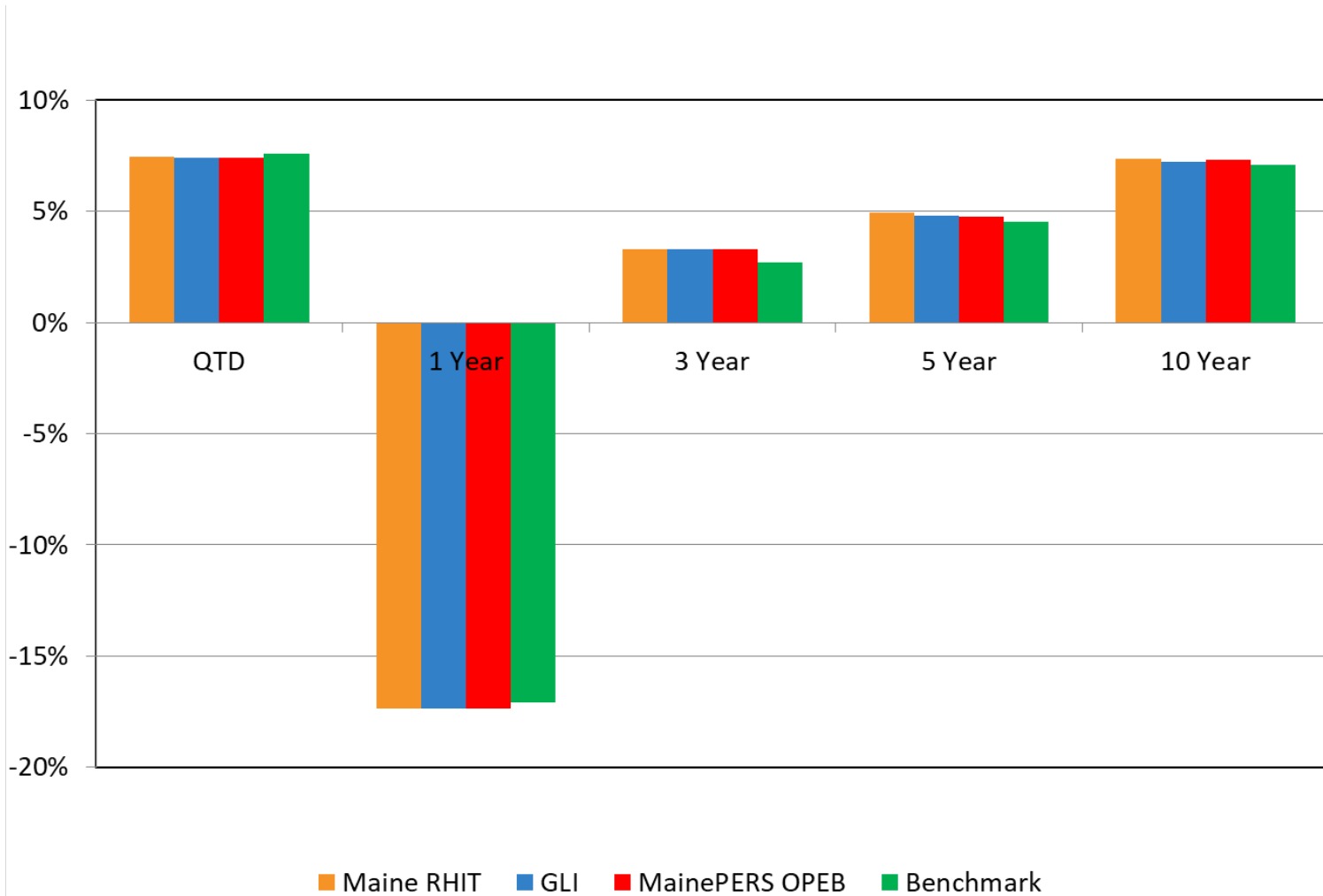
# Asset Allocation for RHIPEB, GLI, and OPEB at 12/31/2022



# Performance for Defined Benefit at 12/31/2022



# Performance for RHIPEB, GLI, and OPEB at 12/31/2022



## MainePERS Private Market Investments Summary: 09/30/2022

Asset Class Summary	Commitment (A)	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Alternative Credit	\$ 2,124,630	\$ 1,567,050	\$ 511,628	\$ 1,279,511	\$ 1,791,140	6.6%
Infrastructure	\$ 3,326,658	\$ 3,144,736	\$ 2,545,812	\$ 2,000,496	\$ 4,546,308	11.4%
Natural Resources	\$ 1,020,500	\$ 1,054,564	\$ 420,095	\$ 955,752	\$ 1,375,847	7.1%
Private Equity	\$ 4,785,520	\$ 4,486,370	\$ 3,741,218	\$ 3,532,474	\$ 7,273,692	16.6%
Real Estate	\$ 2,738,550	\$ 2,515,759	\$ 1,835,023	\$ 1,933,789	\$ 3,768,812	7.8%
<b>Total</b>	<b>\$ 13,995,858</b>	<b>\$ 12,768,479</b>	<b>\$ 9,053,777</b>	<b>\$ 9,702,022</b>	<b>\$ 18,755,798</b>	<b>11.0%</b>

Note: This Asset Class Summary table includes all private market investments: both fund investments and co-investments.

Co-Investment Summary	Commitment (A)	# of Co- Investments	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Alternative Credit Co-Investments	\$ 223,700	31	\$ 210,172	\$ 64,038	\$ 166,649	\$ 230,687	8.1%
Infrastructure Co-Investments	\$ 204,717	10	\$ 204,605	\$ 197,727	\$ 147,763	\$ 345,490	13.8%
Natural Resources Co-Investments	\$ 32,500	2	\$ 31,155	-	\$ 43,797	\$ 43,797	11.3%
Private Equity Co-Investments	\$ 365,795	31	\$ 363,116	\$ 308,788	\$ 269,355	\$ 578,142	15.4%
Real Estate Co-Investments	\$ 65,776	5	\$ 57,478	\$ 5,160	\$ 56,655	\$ 61,816	3.4%
<b>Total</b>	<b>\$ 892,488</b>	<b>79</b>	<b>\$ 866,527</b>	<b>\$ 575,713</b>	<b>\$ 684,219</b>	<b>\$ 1,259,932</b>	<b>13.7%</b>

Note: This table contains values for the co-investment portion of the private market portfolio.

## MainePERS Private Market Investments Summary: 09/30/2022

### Alternative Credit

Fund Name	Commitment (A)	Date of Commitment	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Angelo Gordon Direct Lending Fund II	\$ 25,000	3/31/2020	\$ 23,749	\$ 19,507	\$ 12,665	\$ 32,172	19.5%
Angelo Gordon Direct Lending Fund III	\$ 100,000	7/20/2018	\$ 100,918	\$ 59,455	\$ 74,573	\$ 134,028	10.9%
Participation Agreement #1	\$ 7,500	10/11/2019	\$ 7,463	\$ 1,494	\$ 7,265	\$ 8,759	7.9%
Participation Agreement #2	\$ 5,000	10/11/2019	\$ 4,994	\$ 5,422	\$ -	\$ 5,422	8.8%
Participation Agreement #3	\$ 5,000	10/11/2019	\$ 5,000	\$ 5,700	\$ -	\$ 5,700	7.3%
Participation Agreement #4	\$ 10,000	10/18/2019	\$ 9,915	\$ 1,528	\$ 9,629	\$ 11,157	7.5%
Participation Agreement #5	\$ 5,000	12/6/2019	\$ 5,000	\$ 1,788	\$ 4,261	\$ 6,049	8.4%
Participation Agreement #6	\$ 10,000	12/6/2019	\$ 9,991	\$ 1,402	\$ 9,793	\$ 11,195	8.1%
Participation Agreement #7	\$ 5,000	12/11/2019	\$ 5,000	\$ 1,298	\$ 4,654	\$ 5,952	7.2%
Participation Agreement #8	\$ 5,000	8/13/2020	\$ 4,914	\$ 845	\$ 4,806	\$ 5,651	7.3%
Participation Agreement #9	\$ 7,500	4/9/2021	\$ 7,425	\$ 804	\$ 7,379	\$ 8,183	NM
Participation Agreement #10	\$ 5,000	4/20/2021	\$ 5,007	\$ 756	\$ 4,779	\$ 5,535	NM
Participation Agreement #11	\$ 5,000	5/5/2021	\$ 5,000	\$ 502	\$ 4,875	\$ 5,377	NM
Angelo Gordon Direct Lending Fund IV	\$ 100,000	1/24/2020	\$ 85,000	\$ 6,681	\$ 92,870	\$ 99,551	12.4%
Participation Agreement #1	\$ 5,000	10/23/2020	\$ 4,913	\$ 1,192	\$ 4,397	\$ 5,588	NM
Participation Agreement #2	\$ 12,500	8/17/2021	\$ 12,295	\$ 768	\$ 12,305	\$ 13,072	NM
Participation Agreement #3	\$ 7,500	10/5/2021	\$ 7,500	\$ 7,913	\$ -	\$ 7,913	NM
Participation Agreement #4	\$ 5,000	12/21/2021	\$ 4,925	\$ 338	\$ 4,904	\$ 5,242	NM
Participation Agreement #5	\$ 5,000	12/21/2021	\$ 4,925	\$ 315	\$ 4,906	\$ 5,222	NM
Participation Agreement #6	\$ 5,000	1/12/2022	\$ 4,925	\$ 305	\$ 4,895	\$ 5,200	NM
Participation Agreement #7	\$ 7,500	1/12/2022	\$ 7,388	\$ 460	\$ 7,322	\$ 7,783	NM
Participation Agreement #8	\$ 12,500	6/16/2022	\$ 12,406	\$ 334	\$ 12,313	\$ 12,647	NM
Angelo Gordon Direct Lending Fund IV Annex	\$ 50,000	11/18/2021	\$ 40,000	\$ 472	\$ 41,199	\$ 41,671	NM
Angelo Gordon Direct Lending Fund V	\$ 125,000	8/3/2022	\$ 25,000	\$ -	\$ 25,750	\$ 25,750	NM
Participation Agreement #1	\$ 7,500	9/1/2022	\$ 7,388	\$ -	\$ 7,350	\$ 7,350	NM
Ares Capital Europe IV	\$ 122,000	4/30/2018	\$ 96,949	\$ 20,608	\$ 80,084	\$ 100,692	1.4%
Ares Capital Europe V	\$ 122,000	9/4/2020	\$ 68,037	\$ 1,609	\$ 62,409	\$ 64,017	-8.1%
Ares Senior Direct Lending Fund II	\$ 100,000	12/10/2021	\$ 28,181	\$ 1,453	\$ 28,756	\$ 30,209	NM
Audax Senior Debt (MP), LLC	\$ 100,000	6/30/2017	\$ 100,000	\$ -	\$ 124,412	\$ 124,412	4.7%
Brookfield Infrastructure Debt Fund III	\$ 100,000	7/15/2022	\$ -	\$ -	\$ -	\$ -	NM
Comvest Credit Partners VI	\$ 125,000	5/20/2022	\$ 12,500	\$ -	\$ 12,696	\$ 12,696	NM
Deerpath Capital VI	\$ 75,000	9/30/2021	\$ 54,590	\$ 2,265	\$ 55,639	\$ 57,904	NM
Global Infrastructure Partners Spectrum	\$ 100,000	2/20/2019	\$ 69,397	\$ 18,279	\$ 54,972	\$ 73,252	7.0%
Mesa West Core Lending Fund	\$ 100,000	6/18/2013	\$ 120,723	\$ 55,165	\$ 121,737	\$ 176,902	6.5%

## MainePERS Private Market Investments Summary: 09/30/2022

### Alternative Credit

Fund Name	Commitment (A)	Date of Commitment	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Owl Rock Capital Corporation	\$ 100,000	3/10/2017	\$ 100,000	\$ 25,025	\$ 79,863	\$ 104,888	1.2%
Participation Agreement #1	\$ 5,000	5/7/2018	\$ 4,851	\$ 5,499	\$ -	\$ 5,499	12.7%
Participation Agreement #2	\$ 6,185	7/31/2018	\$ 6,196	\$ 7,745	\$ -	\$ 7,745	9.9%
Participation Agreement #3	\$ 5,000	8/7/2018	\$ 4,938	\$ 5,634	\$ -	\$ 5,634	7.9%
Participation Agreement #4	\$ 5,000	8/20/2018	\$ 4,566	\$ 5,835	\$ -	\$ 5,835	8.1%
Participation Agreement #5	\$ 5,000	12/21/2018	\$ 4,827	\$ 1,382	\$ 4,499	\$ 5,882	6.3%
Participation Agreement #6	\$ 7,500	8/7/2020	\$ 8,905	\$ 2,837	\$ 7,354	\$ 10,191	8.7%
Participation Agreement #7	\$ 7,500	7/26/2021	\$ 6,565	\$ 603	\$ 6,550	\$ 7,154	NM
Participation Agreement #8	\$ 12,500	6/17/2022	\$ 10,768	\$ 510	\$ 10,423	\$ 10,933	NM
Participation Agreement #9	\$ 7,500	9/26/2022	\$ 7,388	\$ 4	\$ 7,500	\$ 7,504	NM
Owl Rock Capital Corporation III	\$ 100,000	6/19/2020	\$ 109,230	\$ 9,230	\$ 110,225	\$ 119,455	7.7%
Pathlight Capital Fund II	\$ 75,000	4/22/2021	\$ 99,653	\$ 43,296	\$ 61,754	\$ 105,050	NM
Participation Agreement #1	\$ 7,500	4/1/2022	\$ 7,368	\$ 624	\$ 7,051	\$ 7,675	NM
Participation Agreement #2	\$ 7,500	4/1/2022	\$ 7,429	\$ 202	\$ 7,437	\$ 7,639	NM
Pathlight Capital Fund III	\$ 75,000	6/24/2022	\$ 6,974	\$ -	\$ 6,956	\$ 6,956	NM
Solar Capital Private Corporate Lending Fund	\$ 50,000	6/26/2019	\$ 37,663	\$ 4,838	\$ 39,426	\$ 44,264	14.2%
Solar Capital Debt Fund	\$ 50,000	6/26/2019	\$ 19,608	\$ 1,022	\$ 21,317	\$ 22,340	NM
Silver Point Specialty Credit II	\$ 50,000	1/31/2020	\$ 57,821	\$ 22,404	\$ 39,748	\$ 62,152	8.5%
Tennenbaum Direct Lending VIII	\$ 100,000	11/30/2017	\$ 100,883	\$ 75,755	\$ 45,674	\$ 121,430	6.3%

# MainePERS Private Market Investments Summary: 09/30/2022

## Infrastructure

Fund Name	Commitment		Amount	Total	Current	Total Value (C+D)	Interim Net IRR
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Market Value (D)		
Alinda Infrastructure Fund II	\$ 50,000	9/17/2009	\$ 67,889	\$ 64,449	\$ 9,389	\$ 73,839	1.9%
ArcLight Energy V	\$ 75,000	10/28/2011	\$ 76,031	\$ 103,624	\$ -	\$ 103,624	8.0%
Shore Co-Investment Holdings II	\$ 20,000	1/30/2014	\$ 17,709	\$ 19,737	\$ -	\$ 19,737	8.4%
ArcLight Energy VI	\$ 150,000	11/25/2014	\$ 159,687	\$ 110,673	\$ 80,197	\$ 190,870	4.6%
Great River Hydro Partners	\$ 12,000	6/17/2017	\$ 10,718	\$ 8,639	\$ 34,972	\$ 43,611	41.3%
Brookfield Infrastructure Fund II	\$ 100,000	6/28/2013	\$ 116,095	\$ 101,011	\$ 87,212	\$ 188,223	9.7%
Brookfield Infrastructure Fund III	\$ 100,000	4/15/2016	\$ 97,688	\$ 45,985	\$ 93,155	\$ 139,140	11.3%
Co-Investment #1	\$ 20,000	3/31/2017	\$ 15,946	\$ 18,660	\$ 16,682	\$ 35,342	28.1%
Carlyle Global Infrastructure Opportunity Fund	\$ 100,000	5/1/2019	\$ 77,977	\$ 15,659	\$ 71,641	\$ 87,300	9.5%
Carlyle Infrastructure Partners	\$ 50,000	11/2/2007	\$ 57,366	\$ 64,289	\$ 385	\$ 64,674	2.5%
Carlyle Power Partners II	\$ 50,000	11/19/2015	\$ 62,167	\$ 29,156	\$ 58,154	\$ 87,310	11.3%
Cube Infrastructure	\$ 45,000	4/16/2010	\$ 60,063	\$ 96,104	\$ 991	\$ 97,094	8.0%
Cube Infrastructure II	\$ 90,000	9/11/2018	\$ 73,467	\$ 3,927	\$ 70,994	\$ 74,921	0.7%
Cube Infrastructure III	\$ 90,000	8/16/2021	\$ 21,749	\$ -	\$ 18,251	\$ 18,251	NM
EQT Infrastructure III	\$ 68,000	12/3/2016	\$ 93,959	\$ 127,522	\$ 36,025	\$ 163,547	20.6%
EQT Infrastructure IV	\$ 100,000	12/17/2018	\$ 89,882	\$ 16,802	\$ 92,291	\$ 109,093	10.2%
EQT Infrastructure V	\$ 75,000	12/8/2020	\$ 39,509	\$ 5,815	\$ 33,293	\$ 39,108	NM
First Reserve Energy Infrastructure Fund	\$ 50,000	6/30/2010	\$ 59,778	\$ 51,856	\$ 5,550	\$ 57,406	-1.1%
First Reserve Energy Infrastructure Fund II	\$ 100,000	10/21/2013	\$ 127,554	\$ 125,899	\$ 36,771	\$ 162,670	15.3%
Global Infrastructure Partners Sonic	\$ 30,000	7/31/2020	\$ 31,578	\$ -	\$ 20,058	\$ 20,058	-19.5%
Global Infrastructure Partners	\$ 75,000	3/31/2008	\$ 101,173	\$ 205,062	\$ 699	\$ 205,761	17.2%
Global Infrastructure Partners II	\$ 75,000	12/3/2011	\$ 104,834	\$ 143,741	\$ 35,595	\$ 179,336	15.9%
Global Infrastructure Partners III	\$ 150,000	4/15/2016	\$ 168,586	\$ 70,589	\$ 164,180	\$ 234,769	10.4%
Co-Investment #1	\$ 29,000	2/28/2017	\$ 27,420	\$ 15,870	\$ 26,189	\$ 42,059	10.8%
Co-Investment #2	\$ 25,000	8/16/2018	\$ 26,736	\$ 2,697	\$ 13,374	\$ 16,071	-13.3%
Global Infrastructure Partners IV	\$ 150,000	12/21/2018	\$ 105,960	\$ 8,456	\$ 100,824	\$ 109,280	3.9%
IFM Global Infrastructure (US), L.P.	\$ 100,000	12/20/2012	\$ 144,550	\$ 208,040	\$ -	\$ 208,040	9.8%
KKR Diversified Core Infrastructure Fund	\$ 100,000	4/29/2022	\$ -	\$ -	\$ -	\$ -	NM
KKR Global Infrastructure Investors	\$ 75,000	9/29/2010	\$ 87,917	\$ 154,068	\$ 22	\$ 154,089	13.1%
KKR Global Infrastructure Investors II	\$ 150,000	10/24/2014	\$ 183,287	\$ 227,444	\$ 79,319	\$ 306,763	16.8%

(all dollar amounts in thousands)

# MainePERS Private Market Investments Summary: 09/30/2022

## Infrastructure

Fund Name	Commitment		Amount	Total	Current	Total Value (C+D)	Interim Net IRR
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Market Value (D)		
KKR Atlanta Co-Invest	\$ 24,000	9/26/2014	\$ 21,428	\$ 28,551	\$ -	\$ 28,551	5.7%
KKR Taurus Co-Invest II	\$ 25,000	8/15/2017	\$ 25,000	\$ 42,906	\$ 12,321	\$ 55,227	20.8%
KKR Byzantium Infrastructure Aggregator	\$ 15,000	10/17/2017	\$ 15,000	\$ 7,013	\$ 9,039	\$ 16,052	2.0%
KKR Global Infrastructure Investors III	\$ 100,000	3/29/2018	\$ 86,745	\$ 21,423	\$ 77,953	\$ 99,376	8.0%
Meridiam Infrastructure (SCA)	\$ 11,000	9/23/2015	\$ 21,938	\$ 9,765	\$ 24,022	\$ 33,788	7.6%
Meridiam Infrastructure Europe II (SCA)	\$ 22,500	9/23/2015	\$ 27,380	\$ 14,269	\$ 30,404	\$ 44,673	9.9%
Meridiam Infrastructure Europe III SLP	\$ 95,000	4/27/2016	\$ 69,465	\$ 13,144	\$ 53,294	\$ 66,438	-2.0%
Meridiam Sustainable Infrastructure Europe IV	\$ 90,000	4/16/2021	\$ 9,952	\$ 4	\$ 6,811	\$ 6,815	NM
Meridiam Infrastructure N.A. II	\$ 75,000	9/28/2012	\$ 88,232	\$ 31,084	\$ 168,236	\$ 199,320	17.7%
MINA II CIP	\$ 175	6/30/2015	\$ 169	\$ 29	\$ 18,952	\$ 18,981	130.2%
Meridiam Infrastructure N.A. II	\$ 20,000	6/30/2015	\$ 18,870	\$ 4,342	\$ 43,105	\$ 47,447	25.1%
Meridiam Infrastructure N.A. III	\$ 50,000	7/12/2017	\$ 21,323	\$ 1	\$ 27,864	\$ 27,864	NM
Stonepeak Infrastructure Partners II	\$ 140,000	11/12/2015	\$ 188,508	\$ 224,022	\$ 45,390	\$ 269,412	13.5%
Stonepeak Claremont Co-Invest	\$ 25,000	5/30/2017	\$ 25,000	\$ 51,938	\$ 11	\$ 51,949	17.8%
Stonepeak Spear (Co-Invest) Holdings	\$ 25,000	1/8/2018	\$ 19,648	\$ 1,717	\$ 35,175	\$ 36,893	15.0%
Stonepeak Infrastructure Partners III	\$ 150,000	10/13/2017	\$ 146,855	\$ 44,138	\$ 183,232	\$ 227,370	19.8%
Stonepeak Infrastructure Partners IV	\$ 125,000	5/8/2020	\$ 51,465	\$ 5,582	\$ 48,554	\$ 54,137	NM



# MainePERS Private Market Investments Summary: 09/30/2022

## Natural Resources

Fund Name	Commitment (A)	Date of Commitment	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
ACM Permanent Crops	\$ 35,000	10/24/2014	\$ 39,100	\$ 10,375	\$ 60,972	\$ 71,347	10.5%
ACM Permanent Crops II	\$ 35,000	5/12/2016	\$ 41,072	\$ 8,885	\$ 23,961	\$ 32,846	-7.2%
AMERRA Agri Fund III	\$ 50,000	2/11/2016	\$ 96,259	\$ 75,911	\$ 24,519	\$ 100,430	1.8%
Denham Mining Fund	\$ 35,000	6/29/2018	\$ 26,701	\$ 659	\$ 32,454	\$ 33,113	8.8%
Homestead Capital Farmland II	\$ 50,000	8/8/2016	\$ 54,272	\$ 9,540	\$ 52,958	\$ 62,499	4.4%
Homestead Capital Farmland III	\$ 30,000	10/26/2018	\$ 21,254	\$ 2,014	\$ 20,785	\$ 22,799	5.9%
Orion Mine Finance Fund II	\$ 50,000	5/25/2016	\$ 100,914	\$ 74,178	\$ 45,846	\$ 120,024	8.6%
Orion Mine Finance Co-Fund II	\$ 20,000	8/13/2018	\$ 20,098	\$ -	\$ 32,005	\$ 32,005	12.5%
Silver Creek Aggregate Reserves Fund	\$ 100,000	11/6/2018	\$ 15,206	\$ 1,975	\$ 16,039	\$ 18,014	NM
Sprott Private Resource Lending Fund III	\$ 30,000	8/31/2022	\$ -	\$ -	\$ -	\$ -	NM
Taurus Mining Fund	\$ 50,000	3/27/2015	\$ 41,459	\$ 45,420	\$ 4,441	\$ 49,862	7.5%
Taurus Mining Fund Annex	\$ 23,000	12/1/2016	\$ 18,312	\$ 23,073	\$ 1,127	\$ 24,200	17.9%
Taurus Mining Fund No. 2	\$ 75,000	4/18/2019	\$ 60,794	\$ 43,153	\$ 29,768	\$ 72,921	23.3%
Teays River Integrated Agriculture	\$ 200,000	7/1/2015	\$ 198,982	\$ 28,770	\$ 344,874	\$ 373,644	9.7%
Twin Creeks Timber	\$ 125,000	1/7/2016	\$ 199,068	\$ 84,577	\$ 125,643	\$ 210,220	1.6%
U.S. Farming Realty Trust III	\$ 100,000	7/7/2015	\$ 110,017	\$ 11,565	\$ 128,567	\$ 140,132	5.6%
Canally Coinvest Holdings	\$ 12,500	12/9/2019	\$ 11,057	\$ -	\$ 11,792	\$ 11,792	4.1%

# MainePERS Private Market Investments Summary: 09/30/2022

## Private Equity

Fund Name	Commitment		Amount	Total	Current Market	Total Value	Interim Net
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Value (D)	(C+D)	IRR
ABRY Advanced Securities Fund II	\$ 20,000	5/4/2011	\$ 20,530	\$ 29,628	\$ 466	\$ 30,094	13.1%
ABRY Advanced Securities Fund III	\$ 30,000	4/30/2014	\$ 44,186	\$ 19,942	\$ 22,489	\$ 42,431	-1.3%
ABRY Heritage Partners	\$ 10,000	5/31/2016	\$ 10,696	\$ 10,879	\$ 6,873	\$ 17,752	26.4%
ABRY Partners VII	\$ 10,000	4/29/2011	\$ 12,930	\$ 17,293	\$ 2,300	\$ 19,594	12.4%
ABRY Partners VIII	\$ 20,000	8/8/2014	\$ 23,838	\$ 29,614	\$ 4,101	\$ 33,715	10.4%
ABRY Senior Equity IV	\$ 10,000	12/7/2012	\$ 10,819	\$ 16,620	\$ 1,670	\$ 18,290	15.1%
ABRY Senior Equity V	\$ 12,050	1/19/2017	\$ 12,716	\$ 5,090	\$ 13,379	\$ 18,469	17.8%
Advent International GPE VII	\$ 30,000	6/29/2012	\$ 34,811	\$ 52,335	\$ 6,179	\$ 58,514	13.7%
Advent International GPE VIII	\$ 50,000	2/5/2016	\$ 55,594	\$ 42,125	\$ 58,747	\$ 100,871	18.5%
Advent International GPE IX	\$ 50,000	5/9/2019	\$ 43,504	\$ 3,998	\$ 63,171	\$ 67,169	34.2%
GPE IX TKE Co-Investment	\$ 24,000	3/30/2020	\$ 21,243	\$ -	\$ 21,560	\$ 21,560	0.7%
Advent International GPE X	\$ 45,000	4/28/2022	\$ 1,575	\$ -	\$ 1,307	\$ 1,307	NM
Advent Latin America PE Fund VI	\$ 20,000	10/17/2014	\$ 19,516	\$ 10,750	\$ 21,460	\$ 32,210	15.9%
Affinity Asia Pacific Fund IV	\$ 60,000	2/28/2013	\$ 64,493	\$ 68,021	\$ 28,223	\$ 96,244	13.5%
Affinity Asia Pacific Fund V	\$ 40,000	12/11/2017	\$ 17,107	\$ 3,848	\$ 16,351	\$ 20,199	NM
Bain Capital Ventures 2021	\$ 25,000	10/28/2020	\$ 16,188	\$ 1	\$ 18,574	\$ 18,575	NM
Bain Capital Ventures 2022	\$ 25,000	6/10/2022	\$ -	\$ -	\$ -	\$ -	NM
Bain Capital Venture Coinvestment Fund III	\$ 15,000	4/1/2021	\$ 11,775	\$ -	\$ 13,824	\$ 13,824	NM
Bain Capital Venture Coinvestment Fund IV	\$ 15,000	6/10/2022	\$ -	\$ -	\$ -	\$ -	NM
Berkshire Fund VIII	\$ 15,000	7/20/2011	\$ 16,795	\$ 25,469	\$ 11,534	\$ 37,003	17.4%
Berkshire Fund IX	\$ 50,000	3/18/2016	\$ 53,980	\$ 30,233	\$ 57,273	\$ 87,507	18.6%
Blackstone Capital Partners VI	\$ 30,000	6/30/2010	\$ 37,416	\$ 49,187	\$ 12,691	\$ 61,878	12.3%
Blackstone Capital Partners VII	\$ 54,000	3/27/2015	\$ 59,357	\$ 30,675	\$ 56,740	\$ 87,415	13.8%
Carlyle Asia Partners III	\$ 15,000	12/31/2009	\$ 20,408	\$ 29,734	\$ 1,083	\$ 30,817	12.6%
Carlyle Asia Partners IV	\$ 60,000	6/3/2014	\$ 78,184	\$ 89,341	\$ 32,249	\$ 121,590	12.5%
Carlyle Asia Partners V	\$ 45,000	10/30/2017	\$ 31,927	\$ 10,304	\$ 26,242	\$ 36,546	10.8%
Centerbridge Capital Partners III	\$ 30,000	10/24/2014	\$ 46,842	\$ 41,967	\$ 32,305	\$ 74,272	19.8%
CB Blizzard Co-Invest	\$ 10,000	9/11/2019	\$ 15,684	\$ 10,053	\$ 1,084	\$ 11,137	-47.7%
Charterhouse Capital Partners VIII	\$ 13,500	1/6/2011	\$ 11,188	\$ 14,160	\$ -	\$ 14,160	7.9%
Charterhouse Capital Partners IX	\$ 4,500	1/6/2011	\$ 5,373	\$ 7,091	\$ 163	\$ 7,254	12.0%
Charterhouse Capital Partners X	\$ 67,000	5/13/2015	\$ 53,928	\$ 40,175	\$ 48,699	\$ 88,875	18.5%

# MainePERS Private Market Investments Summary: 09/30/2022

## Private Equity

Fund Name	Commitment		Amount	Total	Current Market	Total Value	Interim Net
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Value (D)	(C+D)	IRR
Charterhouse Acrostone	\$ 12,000	8/24/2018	\$ 13,254	\$ 21,268	\$ 7	\$ 21,275	16.9%
Charterhouse Capital Partners XI	\$ 45,000	4/23/2021	\$ 0	\$ -	\$ 1,172	\$ 1,172	NM
CVC Capital Partners VI	\$ 67,000	7/12/2013	\$ 95,013	\$ 92,336	\$ 71,282	\$ 163,618	16.6%
CVC Capital Partners VII	\$ 48,000	5/9/2017	\$ 69,198	\$ 32,398	\$ 59,476	\$ 91,874	20.4%
CVC Capital Partners VIII	\$ 44,000	6/11/2020	\$ 30,312	\$ 16,060	\$ 14,605	\$ 30,665	4.2%
EnCap Energy Capital VIII	\$ 30,000	1/31/2011	\$ 34,181	\$ 21,598	\$ 13,482	\$ 35,080	0.6%
EnCap Energy Capital Fund VIII Co-Investors, L.P.	\$ 16,238	12/8/2011	\$ 16,500	\$ 5,268	\$ 7,129	\$ 12,396	-4.2%
EnCap Energy Capital Fund IX	\$ 30,000	12/19/2012	\$ 34,541	\$ 35,293	\$ 12,970	\$ 48,263	9.9%
EnCap Energy Capital Fund X	\$ 40,000	3/5/2015	\$ 41,465	\$ 34,051	\$ 40,196	\$ 74,246	15.7%
EnCap Energy Capital Fund XI	\$ 40,000	5/31/2017	\$ 34,643	\$ 8,927	\$ 39,092	\$ 48,019	18.8%
EnCap Flatrock Midstream Fund III	\$ 20,000	4/9/2014	\$ 25,082	\$ 17,460	\$ 15,351	\$ 32,811	10.0%
EnCap Flatrock Midstream Fund IV	\$ 22,000	11/17/2017	\$ 17,968	\$ 7,339	\$ 13,463	\$ 20,802	8.6%
General Catalyst X - Early Venture	\$ 19,565	3/26/2020	\$ 18,391	\$ -	\$ 36,453	\$ 36,453	52.3%
General Catalyst X - Endurance	\$ 22,826	3/26/2020	\$ 22,859	\$ -	\$ 25,093	\$ 25,093	5.9%
General Catalyst X - Growth Venture	\$ 32,609	3/26/2020	\$ 31,467	\$ -	\$ 45,540	\$ 45,540	24.7%
General Catalyst XI - Creation	\$ 8,823	10/29/2021	\$ 2,143	\$ -	\$ 2,470	\$ 2,470	NM
General Catalyst XI - Endurance	\$ 29,412	10/29/2021	\$ 16,842	\$ -	\$ 16,085	\$ 16,085	NM
General Catalyst XI - Ignition	\$ 11,765	10/29/2021	\$ 5,914	\$ -	\$ 5,779	\$ 5,779	NM
GTCR Fund X	\$ 30,000	1/28/2011	\$ 31,766	\$ 64,445	\$ 189	\$ 64,634	21.4%
GTCR Fund XI	\$ 35,000	11/15/2013	\$ 34,196	\$ 67,178	\$ 52,607	\$ 119,785	35.9%
GTCR Fund XII	\$ 50,000	9/29/2017	\$ 51,223	\$ 31,746	\$ 53,774	\$ 85,520	29.5%
Co-Investment #1	\$ 5,238	4/26/2019	\$ 4,556	\$ -	\$ 8,714	\$ 8,714	21.1%
Co-Investment #2	\$ 5,997	11/1/2019	\$ 5,806	\$ 10,935	\$ 3,056	\$ 13,991	50.3%
GTCR XIII	\$ 50,000	10/27/2020	\$ 18,325	\$ 1,809	\$ 21,718	\$ 23,527	NM
H.I.G. Bayside Loan Fund II	\$ 25,000	5/28/2010	\$ 24,192	\$ 29,602	\$ 1,992	\$ 31,593	6.5%
H.I.G. Bayside Loan Ops Fund III (Europe)	\$ 30,000	7/27/2012	\$ 26,707	\$ 31,070	\$ 3,973	\$ 35,043	7.7%
H.I.G. Brazil & Latin America Partners	\$ 60,000	7/1/2015	\$ 64,605	\$ 19,264	\$ 76,805	\$ 96,069	15.8%
H.I.G. Capital Partners V	\$ 15,000	2/28/2013	\$ 18,922	\$ 22,498	\$ 14,530	\$ 37,028	23.7%
H.I.G. Europe Capital Partners II	\$ 22,500	7/1/2013	\$ 25,240	\$ 20,667	\$ 13,127	\$ 33,794	10.8%
H.I.G. Growth Buyouts & Equity Fund II	\$ 17,500	6/30/2011	\$ 22,235	\$ 24,210	\$ 15,497	\$ 39,707	15.0%
H.I.G. Growth Buyouts & Equity Fund III	\$ 35,000	9/13/2018	\$ 11,852	\$ -	\$ 11,956	\$ 11,956	NM

# MainePERS Private Market Investments Summary: 09/30/2022

## Private Equity

Fund Name	Commitment		Amount	Total	Current Market	Total Value	Interim Net
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Value (D)	(C+D)	IRR
H.I.G Middle Market LBO Fund II	\$ 40,000	2/7/2014	\$ 47,563	\$ 63,274	\$ 28,365	\$ 91,638	29.5%
Co-Investment #1	\$ 9,000	10/12/2017	\$ 9,000	\$ -	\$ 1,547	\$ 1,547	-29.8%
Co-Investment #2	\$ 686	6/19/2020	\$ 686	\$ -	\$ 851	\$ 851	9.9%
Co-Investment #3	\$ 1,000	6/1/2021	\$ 1,079	\$ -	\$ 1,249	\$ 1,249	NM
H.I.G. Middle Market LBO Fund III	\$ 40,000	7/23/2019	\$ 31,544	\$ 1,587	\$ 34,632	\$ 36,219	24.9%
Hellman & Friedman Capital Partners VII	\$ 30,000	6/19/2009	\$ 44,344	\$ 105,630	\$ 5,781	\$ 111,411	24.7%
Hellman & Friedman Capital Partners VIII	\$ 45,000	9/24/2014	\$ 48,468	\$ 26,428	\$ 55,544	\$ 81,973	15.4%
Hellman & Friedman Capital Partners IX	\$ 45,000	9/28/2018	\$ 44,078	\$ 1,069	\$ 51,276	\$ 52,345	10.5%
Hellman & Friedman Capital Partners X	\$ 45,000	5/10/2021	\$ 24,529	\$ -	\$ 22,076	\$ 22,076	NM
Inflexion Buyout Fund IV	\$ 27,000	9/30/2014	\$ 33,724	\$ 34,364	\$ 19,552	\$ 53,916	13.8%
Inflexion Partnership Capital Fund I	\$ 17,000	9/30/2014	\$ 23,954	\$ 31,196	\$ 10,144	\$ 41,341	20.8%
Inflexion Supplemental Fund IV	\$ 10,000	5/31/2016	\$ 14,839	\$ 20,923	\$ 6,250	\$ 27,173	23.3%
Kelso Investment Associates VIII	\$ 3,000	1/6/2011	\$ 3,022	\$ 4,263	\$ 147	\$ 4,409	8.2%
Kelso Investment Associates IX	\$ 60,000	11/5/2014	\$ 70,003	\$ 86,281	\$ 31,134	\$ 117,416	20.1%
KIA IX (Hammer) Investor	\$ 25,000	8/12/2016	\$ 25,426	\$ 69,298	\$ 211	\$ 69,508	21.4%
Kelso Investment Associates X	\$ 45,000	3/16/2018	\$ 42,497	\$ 12,961	\$ 63,633	\$ 76,595	41.9%
Kelso Investment Associates XI	\$ 45,000	12/22/2021	\$ 2,567	\$ 67	\$ 3,304	\$ 3,372	NM
Kelso XI Heights Co-Investment	\$ 12,000	8/19/2022	\$ 10,000	\$ -	\$ 9,997	\$ 9,997	NM
KKR North American Fund XI	\$ 60,000	2/7/2012	\$ 98,069	\$ 164,323	\$ 21,797	\$ 186,120	19.7%
KKR North America Fund XI (Platinum)	\$ 8,003	2/26/2016	\$ 8,040	\$ 2,313	\$ 5,252	\$ 7,565	-1.4%
KKR Element Co-Invest	\$ 10,000	8/29/2016	\$ 10,050	\$ 24,030	\$ -	\$ 24,030	23.5%
KKR Americas XII	\$ 60,000	3/3/2016	\$ 60,426	\$ 22,564	\$ 75,932	\$ 98,497	21.4%
KKR Sigma Aggregator	\$ 15,000	6/22/2018	\$ 15,000	\$ -	\$ 19,347	\$ 19,347	6.1%
KKR Enterprise Co-Invest	\$ 15,000	10/11/2018	\$ 15,000	\$ -	\$ -	\$ -	-100.0%
KKR Enterprise Co-Invest AIV A	\$ 8,936	11/8/2019	\$ 8,936	\$ 7,243	\$ 3,670	\$ 10,914	20.1%
KKR North America XIII	\$ 40,000	6/25/2021	\$ 8,860	\$ -	\$ 8,274	\$ 8,274	NM
KKR Special Situations Fund	\$ 60,000	12/19/2012	\$ 118,957	\$ 97,434	\$ 11,696	\$ 109,130	-3.2%
KKR Special Situations Fund II	\$ 60,000	12/19/2014	\$ 98,005	\$ 76,185	\$ 27,874	\$ 104,060	2.6%
Oaktree Opportunities VIII	\$ 30,000	12/9/2009	\$ 30,000	\$ 43,849	\$ 237	\$ 44,085	9.1%
ONCAP IV	\$ 15,000	11/8/2016	\$ 12,917	\$ 2,725	\$ 17,400	\$ 20,125	15.8%
Onex Partners III	\$ 10,000	1/6/2011	\$ 11,181	\$ 16,832	\$ 1,788	\$ 18,620	13.2%

(all dollar amounts in thousands)

# MainePERS Private Market Investments Summary: 09/30/2022

## Private Equity

Fund Name	Commitment		Amount	Total	Current Market	Total Value	Interim Net
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Value (D)	(C+D)	IRR
Onex Partners IV	\$ 60,000	11/22/2013	\$ 62,871	\$ 50,076	\$ 37,592	\$ 87,668	8.1%
Co-Investment #1	\$ 10,000	2/27/2017	\$ 10,471	\$ 1,235	\$ 9,781	\$ 11,016	1.0%
Onex Partners V	\$ 45,000	7/11/2017	\$ 39,000	\$ 4,667	\$ 41,151	\$ 45,818	13.6%
Paine & Partners Capital Fund IV	\$ 60,000	12/18/2014	\$ 53,400	\$ 29,070	\$ 48,082	\$ 77,152	9.3%
Wawona Co-Investment Fund I	\$ 15,000	3/31/2017	\$ 15,012	\$ -	\$ 7,978	\$ 7,978	-10.9%
Lyons Magnus Co-Investment Fund I	\$ 15,000	11/8/2017	\$ 15,000	\$ -	\$ 35,107	\$ 35,107	19.0%
PSP Maverick Co-Invest	\$ 7,238	9/12/2019	\$ 7,254	\$ -	\$ 13,332	\$ 13,332	22.1%
PSP AH&N Co-Investment Fund	\$ 19,724	11/27/2019	\$ 17,539	\$ -	\$ 31,347	\$ 31,347	24.6%
Paine Schwartz Food Chain Fund V	\$ 45,000	8/3/2018	\$ 40,922	\$ 12,976	\$ 41,474	\$ 54,450	31.0%
SNFL Co-Investment Fund	\$ 10,000	10/11/2019	\$ 5,024	\$ 265	\$ 7,187	\$ 7,452	14.3%
Rhone Partners V	\$ 56,000	3/12/2015	\$ 70,790	\$ 32,777	\$ 74,551	\$ 107,329	15.1%
Riverside Capital Appreciation Fund VI	\$ 60,000	7/3/2013	\$ 61,710	\$ 79,808	\$ 16,537	\$ 96,345	12.0%
RCAF VI CIV XXXII	\$ 12,399	10/21/2015	\$ 12,687	\$ 35,260	\$ -	\$ 35,260	19.9%
Riverside Micro-Cap Fund III	\$ 35,000	6/30/2014	\$ 49,448	\$ 183,115	\$ 68,005	\$ 251,120	38.1%
Riverside Micro-Cap Fund IV	\$ 60,000	10/23/2015	\$ 55,659	\$ -	\$ 99,884	\$ 99,884	12.9%
Riverside Micro-Cap Fund IV-B	\$ 20,000	8/9/2019	\$ 24,292	\$ 5,583	\$ 33,838	\$ 39,422	29.3%
Riverside Micro-Cap Fund V	\$ 40,000	8/21/2018	\$ 30,673	\$ -	\$ 45,354	\$ 45,354	22.6%
Riverside Micro-Cap Fund VI	\$ 45,000	8/26/2021	\$ 2,989	\$ -	\$ 2,691	\$ 2,691	NM
Shoreview Capital Partners III	\$ 24,000	7/24/2013	\$ 25,134	\$ 28,438	\$ 24,580	\$ 53,018	19.6%
Shoreview Capital Partners IV	\$ 30,000	6/3/2019	\$ 10,422	\$ 5,768	\$ 9,421	\$ 15,189	NM
Sovereign Capital IV	\$ 46,500	7/7/2014	\$ 40,344	\$ 21,967	\$ 33,200	\$ 55,168	9.4%
Summit Partners Credit II	\$ 60,000	10/25/2013	\$ 90,550	\$ 84,158	\$ 22,704	\$ 106,862	6.5%
Summit Europe Growth Equity III	\$ 22,000	3/18/2020	\$ 12,304	\$ -	\$ 10,713	\$ 10,713	-15.4%
Summit Growth Equity VIII	\$ 25,000	5/27/2011	\$ 33,302	\$ 62,156	\$ 16,314	\$ 78,470	27.3%
Co-Investment #1	\$ 16,000	6/3/2015	\$ 16,000	\$ 38,735	\$ 16,654	\$ 55,390	32.0%
Summit Growth Equity IX	\$ 60,000	8/26/2015	\$ 83,052	\$ 88,968	\$ 90,167	\$ 179,134	35.5%
Co-Investment #1	\$ 15,000	11/29/2016	\$ 14,895	\$ 41,104	\$ -	\$ 41,104	159.6%
Summit Partners Co-Invest (Ironman)	\$ 15,000	4/20/2018	\$ 15,001	\$ -	\$ 17,903	\$ 17,903	4.2%
Summit Partners Co-Invest (Giants-B)	\$ 15,000	10/22/2019	\$ 15,000	\$ 41,780	\$ 5,244	\$ 47,024	83.4%
Summit Growth Equity X	\$ 60,000	2/26/2019	\$ 57,752	\$ 13,804	\$ 57,151	\$ 70,955	20.0%
Summit Partners Co-Invest (Lions)	\$ 7,534	10/14/2020	\$ 7,534	\$ -	\$ 12,400	\$ 12,400	NM

(all dollar amounts in thousands)

# MainePERS Private Market Investments Summary: 09/30/2022

## Private Equity

Fund Name	Commitment		Amount	Total	Current Market	Total Value	Interim Net
	(A)	Date of Commitment	Contributed (B)	Distributions (C)	Value (D)	(C+D)	IRR
Summit Partners Co-Invest (Indigo)	\$ 10,000	12/11/2020	\$ 11,432	\$ -	\$ 11,423	\$ 11,423	NM
Summit Growth Equity XI	\$ 45,000	10/1/2021	\$ 2,925	\$ -	\$ 2,561	\$ 2,561	NM
Summit Venture Capital III	\$ 13,150	5/27/2011	\$ 18,044	\$ 32,899	\$ 2,555	\$ 35,455	17.6%
Summit Venture Capital IV	\$ 40,000	8/26/2015	\$ 50,011	\$ 48,377	\$ 60,390	\$ 108,767	42.9%
Summit Venture Capital V	\$ 45,000	6/16/2020	\$ 19,245	\$ 773	\$ 17,768	\$ 18,540	NM
Summit Partners Co-Invest (CS)	\$ 12,000	10/22/2021	\$ 12,007	\$ -	\$ 9,669	\$ 9,669	NM
Technology Crossover Ventures VIII	\$ 60,000	5/8/2013	\$ 52,307	\$ 39,509	\$ 58,212	\$ 97,722	10.6%
Technology Crossover Ventures IX	\$ 60,000	2/19/2016	\$ 48,428	\$ 46,154	\$ 47,674	\$ 93,827	20.6%
TCV Sports	\$ 8,000	9/25/2018	\$ 8,000	\$ -	\$ 7,712	\$ 7,712	-0.9%
Technology Crossover Ventures X	\$ 45,000	8/31/2018	\$ 33,774	\$ -	\$ 63,110	\$ 63,110	28.2%
Technology Crossover Ventures XI	\$ 45,000	10/2/2020	\$ 19,087	\$ -	\$ 17,910	\$ 17,910	NM
Technology Impact Fund	\$ 40,000	12/18/2017	\$ 35,377	\$ 22,270	\$ 81,527	\$ 103,797	55.6%
Technology Impact Fund II	\$ 40,000	4/13/2021	\$ 9,115	\$ -	\$ 10,004	\$ 10,004	NM
Technology Impact Growth Fund	\$ 40,000	11/26/2018	\$ 47,650	\$ 26,676	\$ 32,540	\$ 59,216	12.6%
Technology Impact Growth Fund II	\$ 40,000	8/6/2021	\$ 7,508	\$ -	\$ 6,403	\$ 6,403	NM
Thoma Bravo Fund XI	\$ 50,000	5/1/2014	\$ 70,928	\$ 128,508	\$ 56,313	\$ 184,820	26.6%
Thoma Bravo Fund XII	\$ 60,000	4/27/2016	\$ 75,782	\$ 61,856	\$ 75,868	\$ 137,725	16.6%
Thoma Bravo Fund XIII	\$ 45,000	12/7/2018	\$ 59,671	\$ 31,856	\$ 62,970	\$ 94,826	32.1%
Thoma Bravo Special Opportunities Fund II	\$ 15,000	3/27/2015	\$ 18,113	\$ 21,091	\$ 14,237	\$ 35,328	16.2%
Thoma Bravo Discover Fund IV	\$ 45,000	7/1/2022	\$ -	\$ -	\$ -	\$ -	NM
Tillridge Global Agribusiness Partners II	\$ 50,000	10/21/2016	\$ 28,093	\$ 125	\$ 25,407	\$ 25,532	-4.1%
Water Street Healthcare Partners III	\$ 25,000	7/25/2012	\$ 29,786	\$ 77,121	\$ 7,563	\$ 84,684	35.3%
Water Street Healthcare Partners IV	\$ 33,000	9/15/2017	\$ 32,093	\$ 10,624	\$ 27,738	\$ 38,361	9.0%
Water Street Healthcare Partners V	\$ 43,000	4/15/2022	\$ 891	\$ -	\$ 500	\$ 500	NM
Wayzata Opportunities Fund III	\$ 30,000	9/11/2012	\$ 14,718	\$ 10,063	\$ 4,639	\$ 14,702	NM
Wynnchurch Capital Partners IV	\$ 40,000	10/23/2014	\$ 38,047	\$ 35,402	\$ 55,237	\$ 90,640	27.6%
Wynnchurch Capital Partners V	\$ 40,000	1/15/2020	\$ 19,194	\$ -	\$ 24,982	\$ 24,982	NM

## MainePERS Private Market Investments Summary: 09/30/2022

### Real Estate

Fund Name	Commitment (A)	Date of Commitment	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Angelo Gordon Net Lease IV	\$ 50,000	2/17/2020	\$ 32,474	\$ 1,446	\$ 34,543	\$ 35,989	7.5%
Angelo Gordon Realty Fund XI	\$ 50,000	3/31/2022	\$ -	\$ -	\$ -	\$ -	NM
Bain Capital Real Estate II	\$ 50,000	3/5/2021	\$ 18,221	\$ 2,365	\$ 19,767	\$ 22,132	NM
Blackrock Granite Property Fund	\$ 63,791	9/30/2006	\$ 68,771	\$ 53,312	\$ -	\$ 53,312	-4.9%
Blackstone Property Partners	\$ 350,000	6/29/2017	\$ 350,000	\$ 34,551	\$ 465,110	\$ 499,661	9.6%
Blackstone Real Estate Partners VII	\$ 75,000	2/26/2012	\$ 104,190	\$ 154,517	\$ 17,155	\$ 171,672	15.3%
Blackstone Real Estate Partners VIII	\$ 50,000	3/27/2015	\$ 63,106	\$ 64,056	\$ 40,872	\$ 104,927	17.5%
Blackstone Real Estate Partners IX	\$ 40,000	12/21/2018	\$ 41,599	\$ 14,160	\$ 45,553	\$ 59,713	33.7%
Barings Asia Real Estate II	\$ 50,000	7/31/2018	\$ 21,041	\$ -	\$ 17,508	\$ 17,508	NM
EQT Real Estate II	\$ 55,000	4/26/2019	\$ 24,224	\$ 4,956	\$ 19,568	\$ 24,524	NM
EQT Real Estate Rock Co-Investment	\$ 11,000	8/10/2020	\$ 8,811	\$ -	\$ 10,028	\$ 10,028	8.7%
H/2 Credit Partners, L.P.	\$ 75,000	6/21/2011	\$ 75,000	\$ 112,177	\$ -	\$ 112,177	5.9%
Harrison Street Core Property Fund, L.P.	\$ 75,000	4/30/2012	\$ 94,990	\$ 49,197	\$ 136,736	\$ 185,933	9.1%
HSRE-Coyote Maine PERS Core Co-Investment	\$ 20,000	12/4/2020	\$ 14,124	\$ 281	\$ 17,820	\$ 18,100	NM
High Street Real Estate Fund IV, L.P.	\$ 25,000	8/23/2013	\$ 24,717	\$ 34,157	\$ -	\$ 34,157	14.7%
High Street Real Estate Fund V	\$ 25,000	7/24/2015	\$ 24,925	\$ 36,045	\$ -	\$ 36,045	13.2%
High Street Real Estate Fund VI	\$ 25,000	3/22/2019	\$ 25,000	\$ 2,887	\$ 30,487	\$ 33,375	16.7%
HSREF VI Elgin Co-Invest	\$ 10,000	4/9/2021	\$ 10,000	\$ 720	\$ 12,588	\$ 13,308	NM
High Street Real Estate Fund VII	\$ 35,000	8/16/2021	\$ 17,680	\$ -	\$ 16,844	\$ 16,844	NM
Hines US Property Partners	\$ 200,000	9/9/2021	\$ 80,612	\$ 9,052	\$ 80,504	\$ 89,557	NM
Invesco Real Estate Asia IV	\$ 30,000	3/25/2020	\$ 20,369	\$ 10,069	\$ 9,798	\$ 19,867	-5.9%
Invesco US Income Fund	\$ 195,000	7/17/2014	\$ 215,629	\$ 56,906	\$ 346,246	\$ 403,152	13.2%
IPI Data Center Partners I	\$ 30,000	12/15/2017	\$ 31,814	\$ 17,393	\$ 36,904	\$ 54,297	21.9%
IPI Data Center Partners II	\$ 25,000	12/20/2019	\$ 13,142	\$ 1,619	\$ 11,160	\$ 12,779	-3.7%
JPMCB Strategic Property Fund	\$ 130,000	11/15/2005	\$ 186,941	\$ 297,519	\$ -	\$ 297,519	5.8%
KKR Real Estate Partners Europe I	\$ 50,000	12/2/2015	\$ 51,781	\$ 44,298	\$ 22,978	\$ 67,276	10.2%
KKR Real Estate Partners Europe II	\$ 25,000	12/23/2019	\$ 17,617	\$ 4,250	\$ 15,607	\$ 19,857	16.6%
KKR Real Estate Partners Americas I	\$ 50,000	12/20/2013	\$ 49,888	\$ 59,370	\$ 2,460	\$ 61,830	11.1%
KKR Real Estate Partners Americas II	\$ 50,000	6/2/2016	\$ 58,396	\$ 67,320	\$ 17,921	\$ 85,241	24.4%
Northbridge-Strategic Fund II	\$ 30,000	2/8/2019	\$ 30,000	\$ 3,074	\$ 39,087	\$ 42,161	10.3%
Prima Mortgage Investment Trust, LLC	\$ 75,000	7/29/2011	\$ 97,490	\$ 131,918	\$ -	\$ 131,918	3.8%
Principal Life Insurance Company U.S. Property	\$ 60,000	5/20/2005	\$ 60,000	\$ 125,410	\$ -	\$ 125,410	6.2%
PRISA	\$ 90,000	6/30/2005	\$ 139,622	\$ 222,450	\$ -	\$ 222,450	5.3%

(all dollar amounts in thousands)



## MainePERS Private Market Investments Summary: 09/30/2022

### Real Estate

Fund Name	Commitment (A)	Date of Commitment	Amount Contributed (B)	Total Distributions (C)	Current Market Value (D)	Total Value (C+D)	Interim Net IRR
Rubenstein Properties Fund III	\$ 30,000	10/23/2015	\$ 30,606	\$ 627	\$ 27,575	\$ 28,202	-2.1%
LCC Co-Investor B	\$ 15,000	10/18/2019	\$ 14,917	\$ -	\$ 11,569	\$ 11,569	-9.5%
Rubenstein Properties Fund IV	\$ 25,000	4/16/2019	\$ 5,700	\$ 56	\$ 4,219	\$ 4,275	NM
Prudential Senior Housing Fund V	\$ 50,000	3/17/2015	\$ 41,333	\$ 5,453	\$ 53,647	\$ 59,100	7.6%
Smart Markets Fund, L.P.	\$ 195,000	6/17/2013	\$ 170,307	\$ 62,448	\$ 288,125	\$ 350,573	11.1%
Stonelake Opportunity Partners VII	\$ 40,000	6/30/2022	\$ 0	\$ -	\$ (561)	\$ (561)	NM
Walton Street Real Estate Fund VII	\$ 50,000	5/9/2012	\$ 43,990	\$ 49,882	\$ 11,989	\$ 61,871	9.8%
Walton Street Real Estate Fund VIII	\$ 50,000	10/23/2015	\$ 42,685	\$ 29,649	\$ 29,130	\$ 58,780	11.0%
Co-Investment #1	\$ 10,000	9/27/2017	\$ 9,626	\$ 4,160	\$ 4,650	\$ 8,810	-2.7%
Westbrook Real Estate Fund IX	\$ 15,000	6/30/2014	\$ 17,390	\$ 17,500	\$ 3,112	\$ 20,612	6.3%
Westbrook Real Estate Fund X	\$ 50,000	1/15/2015	\$ 48,514	\$ 42,649	\$ 18,711	\$ 61,360	11.0%
Westbrook Real Estate Fund XI	\$ 40,000	1/31/2019	\$ 18,517	\$ 7,125	\$ 14,378	\$ 21,503	NM



## MainePERS Private Market Investments Summary: 09/30/2022

**Notes:** NM = Not Meaningful. MainePERS only reports IRRs for funds with more than 24 months of history and for which Amount Contributed is greater than 50% of Commitments. "Date of Commitment" is not the date of first capital draw. The "IRR" presented uses interim estimates and may not be indicative of ultimate performance of partnership investments due to a number of factors including lags in valuation, maturity of fund, and differences in investment pace and strategy of various funds. Performance figures should not be used to compare returns among multiple funds or different limited partners. Private market investments are long-term investments which are expected to generate returns over the course of their entire life cycle of 10 or more years. Common industry practice dictates that any performance analysis on these funds while they are still in the early years of their investment cycle would not generate meaningful results. The Interim Net IRR figures presented in this table are based on cash flow information provided by the general partner. The above information was not prepared, reviewed, or approved by any of the partnerships, general partners, or their affiliates and may differ from those generated by the general partner or other limited partners due to differences in timing of investments, disposal of in-kind distributions, and accounting and valuation policies.

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## MAINEPERS

### BOARD OF TRUSTEES INVESTMENTS MEMORANDUM

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**TO:** BOARD MEMBERS  
**FROM:** JAMES BENNETT, CHIEF INVESTMENT OFFICER  
**SUBJECT:** MAINEPERS' PRIVATE MARKETS INVESTMENT FRAMEWORK  
**DATE:** MARCH 1, 2023

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#### POLICY REFERENCE

[Board Policy 1.8 – Trustee Education](#)

[Board Policy 2.1 – Investment Policy Statement](#)

[Board Policy 4.5 – Board/Staff Relations](#)

[Board Policy 4.6 – Communication and Support to the Board](#)

The following presentation contains an overview of the role of private asset classes in the overall Fund, as well as an in-depth review of MainePERS's approach to investing in private markets.



**MainePERS**  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

# MainePERS' Private Markets Investment Framework

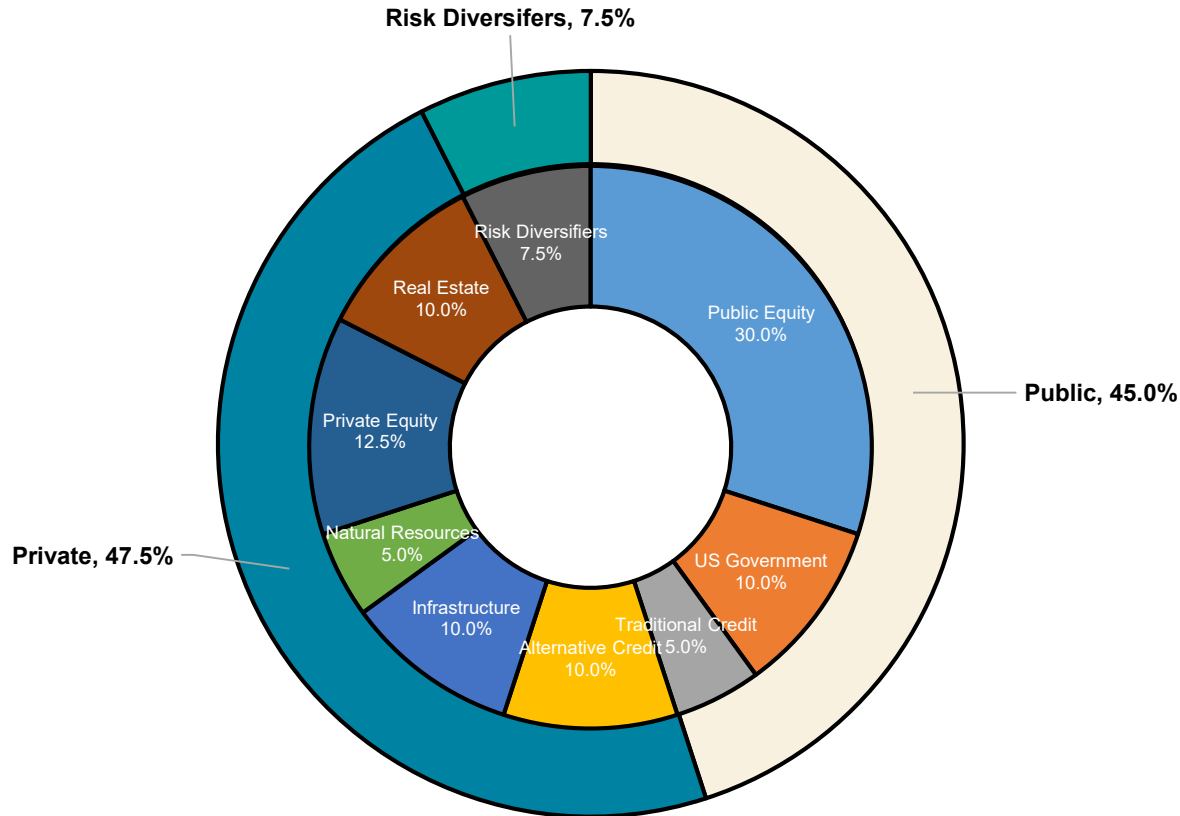
# Agenda

- MainePERS Investment Framework
- Private Markets Investment Approach
- Co-Investments
- Summary



# Strategic Asset Allocation

MainePERS' strategic asset allocation is comprised of a mix of public, private, and risk diversifier assets that are invested across nine underlying asset classes:



# Investment Diversification Framework

MainePERS' investment objectives balance the System's twin goals of generating investment returns (to ensure growth of the trust funds) and minimizing investment risks (loss of capital and cash flow shortfalls).

<b>Monetary Hedge (10%)</b>	<b>Credit (15%)</b>	<b>Hard Assets (25%)</b>	<b>Growth (42.5%)</b>
<p><u>Role:</u> Liquidity and portfolio ballast</p> <p><u>Assets:</u> US Government Securities</p>	<p><u>Role:</u> Contractual returns (interest + repayment) and diversification</p> <p><u>Assets:</u> Traditional &amp; Alternative Credit</p>	<p><u>Role:</u> Inflation protection, ongoing cash flows, and diversification</p> <p><u>Assets:</u> Real Estate, Infrastructure, and Natural Resources</p>	<p><u>Role:</u> Reduce the System's long-term funding needs by appreciating in value</p> <p><u>Assets:</u> Public Equity &amp; Private Equity</p>
<p><b>Risk Diversifiers (7.5%)</b> <u>Role:</u> Diversification away from growth assets</p>			



# Public Markets

In aggregate, Public Markets have a strategic asset allocation target of 45% of the total Fund. MainePERS' utilizes a passive, "buy the market" approach for investing in public markets.

This approach is based on foundational principles:

1. **Efficiency** – Public markets are generally efficient, and on average prices fairly reflect investment risks.
2. **Diversification** – Broad diversification allows exposure to the full spectrum of return sources and reduces exposure to uncompensated risks.
3. **Costs** – Investment costs matter, and as a long-term investor, cost savings will compound meaningfully over time.



# Risk Diversifiers

Risk Diversifiers have a strategic asset allocation target of 7.5% of the total Fund. Investments in this asset class are made via private funds that pursue active management strategies and invest in assets such as stocks, bonds, and commodities.

This approach is based on foundational principles:

1. **Diversification** – Objective is to provide diversification away from growth assets. Implementation is focused on diversification across strategy types and managers.
2. **Absolute return** – In aggregate, Risk Diversifiers are expected to deliver an attractive long-term rate of return while dampening volatility at the total Fund level.
3. **Differentiation** – Risk Diversifiers are expected to provide a return stream that exhibits a low correlation to other asset classes, and that cannot be replicated by owning a mix of stocks and bonds.
4. **Complexity** – Effective implementation requires the appropriate resources (staff & consultants) to identify and invest with top managers.





# Private Markets

In aggregate, Private Markets have a strategic asset allocation target of 47.5% of the total Fund. All private markets assets employ active management and require in-depth manager due diligence and selection.

This approach is based on foundational principles:

1. **Diversification** – Diversification across a broad spectrum of return sources, managers within asset classes, and time periods (vintage years).
2. **Efficiency** – Private markets are generally inefficient, and MainePERS is able to partner with managers that are able to exploit these inefficiencies.
3. **Excess return** – Private markets investments are expected to earn a return in excess of what is available in public markets via a low-cost, passive index approach.
4. **Complexity** – Effective implementation requires the appropriate resources (staff & consultants) to identify and invest with top managers.



# Dispersion of Manager Returns by Asset Class

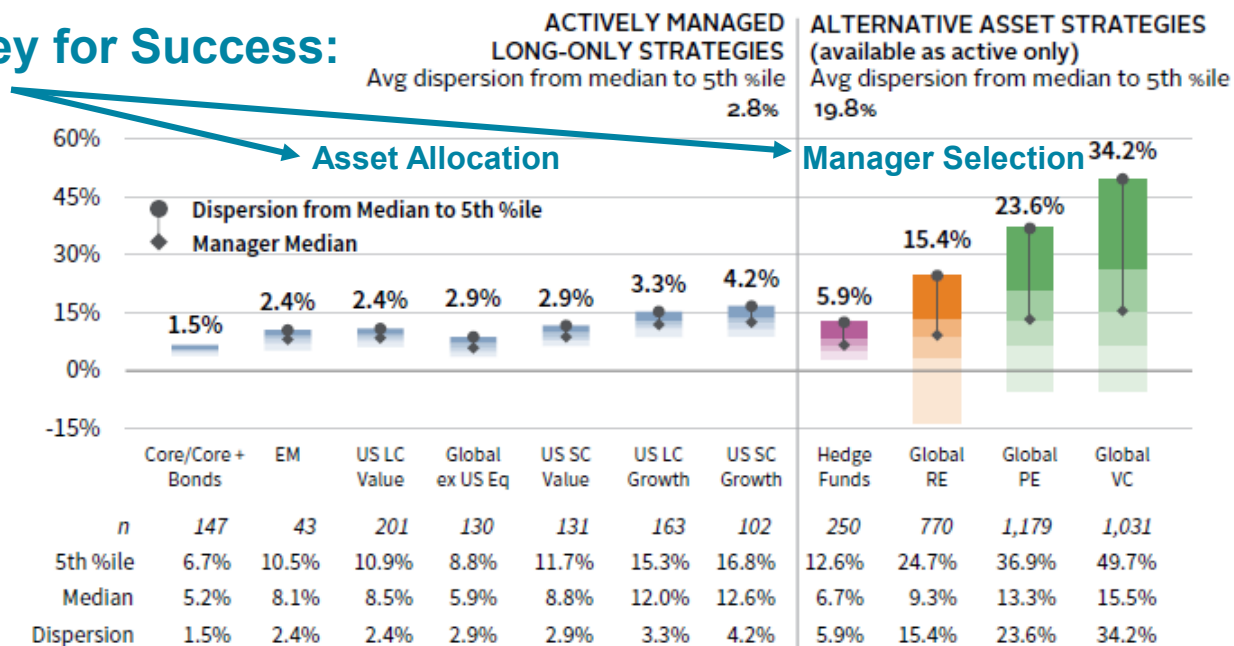
The Investment Team spends the vast majority of its time on alternative investment strategies, which are expected to generate the most attractive long-term, risk-adjusted returns.

Investing in alternative investment strategies is a labor-intensive process that requires a skilled and dedicated team to source, underwrite, due diligence, and select managers. Manager selection is a primary key to achieving attractive long-term rates of returns in these asset classes.

Average Annual Manager Returns by Asset Class

January 1, 2006 – December 31, 2020

## Primary Key for Success:



# Current Approach

- Focus on making consistent annual commitments over time in-line with long-term strategic asset allocation targets
- Portfolio construction is benchmark aware rather than benchmark sensitive; We seek to build portfolios in line with MainePERS' investment objectives.
- Partner with managers that exhibit high ethical standards and a strong alignment of interests
- Regarding manager selection, focus on partnerships with proven and attractive track records
- To support investment decisions, utilize a three-pronged process
  - MainePERS Team
  - Alternatives Consultant
  - Board of Trustees
- To-date, implemented via traditional fund commitments and co-investments. Continuation funds are currently being reviewed by the Investment Team, and may be of interest in the future.



# Investment Process

Execution of the investment process requires proactive sourcing, rigorous due diligence, and active monitoring

## Proactive Sourcing

- Industry Conferences
- Investment Consultants
- Market Research
- Network of Peers
- Trade Journals

## Rigorous Due Diligence

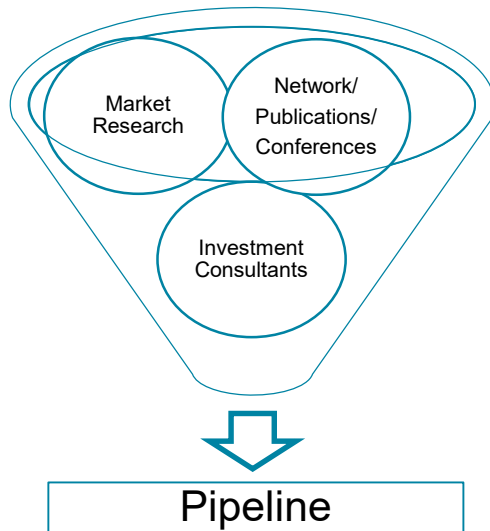
- Initial Screening
- Summary Overview
- Desktop Work
  - Data Room
  - Quantitative & Qualitative Due Diligence
  - Reference Calls
  - ESG Evaluation
- On-site Visit
- Alternatives Investment Brief
- Follow-Ups
- Trustee Manager Meeting
- Investment Recommendation
- Legal Review & Negotiations
- Closing

## Active Monitoring

- Active Dialogue
- Quarterly/Annual Reports
- Regular Calls/Meetings
- Portfolio Analysis
- Annual Visit
- Google Alerts



# Sourcing



## Pipeline

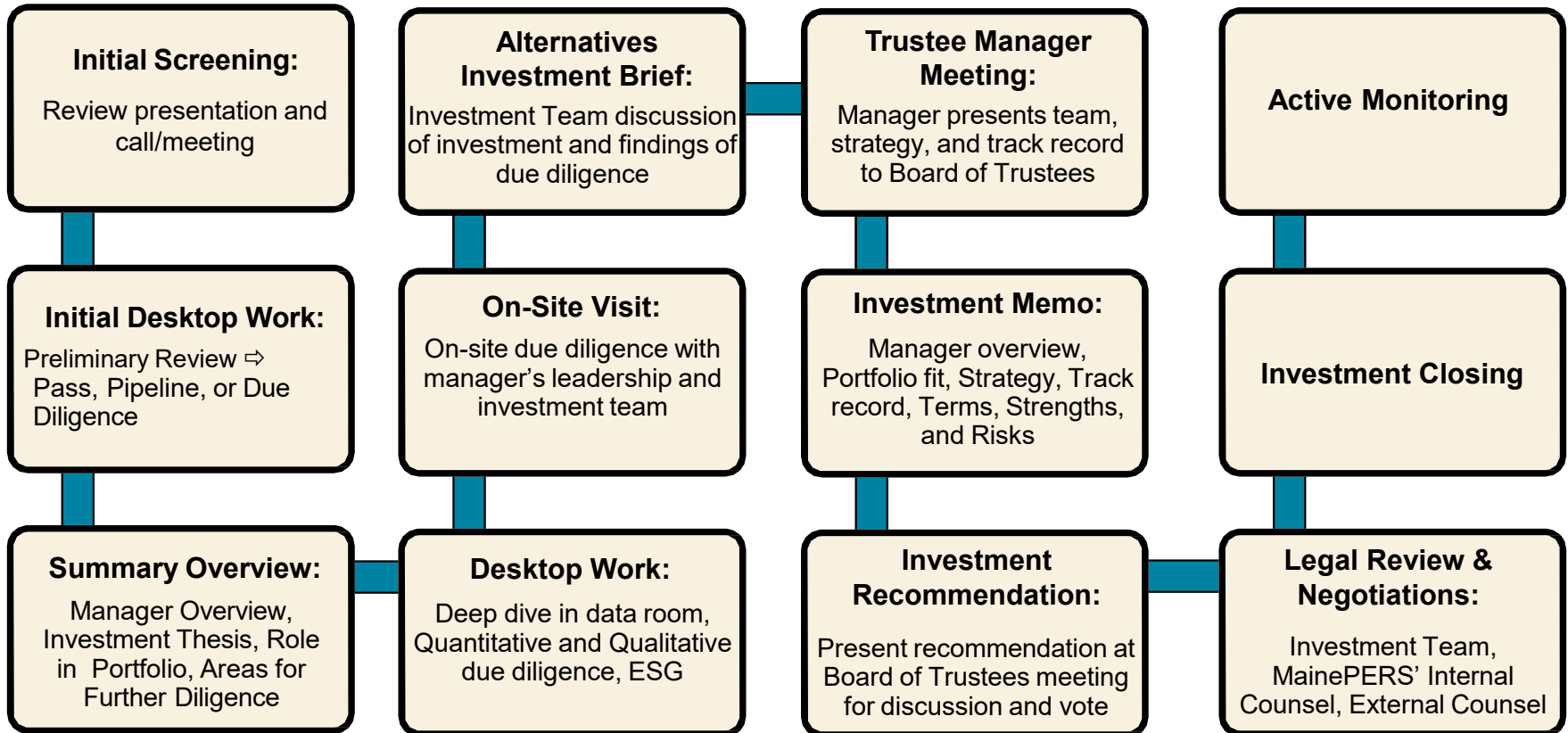
Fund Pipeline Status  
As of 02/15/2023

Pipeline Status	Fund	Manager	Sub - Asset	Responsible	Close Date	Manager Presentation	Board Approval	Consultant IC
2 - Analyst Assigned	Existing Real Estate Manager	Real Estate	Opportunistic	Bartley Parker				
2 - Analyst Assigned	Existing Natural Resources Manager	Natural Resources	Mining	Bill Froom				
2 - Analyst Assigned	Existing Real Estate Manager	Real Estate	Real Estate	Bartley Parker				
2 - Analyst Assigned	Prospective Private Equity Manager	Private Equity	Buyout	Jim Ackor				
2 - Analyst Assigned	Prospective Private Equity Manager	Private Equity	Buyout	Jim Ackor				
3 - Due Diligence	Prospective Co-Invest	Co-Invest	-	Mitch Pieter	2/28/2023			
3 - Due Diligence	Prospective Risk Diversifiers Manager	Risk Diversifiers	-	Seth Keller				
3 - Due Diligence	Prospective Infrastructure Manager	Infrastructure	Value-Add/Opportunistic	Bill Froom				
3 - Due Diligence	Existing Alternative Credit Manager	Alternative Credit	Direct Lending	Doug Porter				
3 - Due Diligence	Prospective Infrastructure Manager	Infrastructure	Core	Bill Froom				
3 - Due Diligence	Prospective Infrastructure Manager	Infrastructure	Energy/Power	Bill Froom				
3 - Due Diligence	Existing Private Equity Manager	Private Equity	Buyout	Jim Ackor	6/30/2023			
3 - Due Diligence	Prospective Natural Resources Manager	Natural Resources	Water Management	Bill Froom				
3 - Due Diligence	Existing Infrastructure Manager	Infrastructure	Value-Add/Opportunistic	Bill Froom				
3 - Due Diligence	Existing Infrastructure Manager	Infrastructure	Value-Add/Opportunistic	Bill Froom				
3 - Due Diligence	Prospective Risk Diversifiers Manager	Risk Diversifiers	-	Seth Keller				
3 - Due Diligence	Prospective Risk Diversifiers Manager	Risk Diversifiers	Multi	Seth Keller				
3 - Due Diligence	Existing Real Estate Manager	Real Estate	Non-US Real Estate	Bartley Parker				
3 - Due Diligence	Existing Natural Resources Manager	Natural Resources	Mining	Bill Froom				
3 - Due Diligence	Prospective Risk Diversifiers Manager	Risk Diversifiers	-	Seth Keller				
3 - Due Diligence	Prospective Natural Resources Manager	Natural Resources	Mining	Bill Froom				
3 - Due Diligence	Existing Infrastructure Manager	Infrastructure	Value-Add/Opportunistic	Zack McGuire				
3 - Due Diligence	Existing Natural Resources Manager	Natural Resources	Mining	Bill Froom				
3 - Due Diligence	Prospective Co-Invest	Co-Invest	Direct Lending	Doug Porter	1/23/2023			
3 - Due Diligence	Prospective Risk Diversifiers Manager	Risk Diversifiers	-	Seth Keller				
3 - Due Diligence	Existing Real Estate Manager	Real Estate	Value-Add/Opportunistic	Bartley Parker	3/15/2023	1/24/2023	2/9/2023	1/13/2023
8 - Approved	Existing Alternative Credit Manager	Alternative Credit	Direct Lending	Doug Porter	2/9/2023			
8 - Approved	Existing Real Estate Manager	Real Estate	Industrial real estate	Bartley Parker	2/27/2023	1/24/2023	2/9/2023	
8 - Approved	Prospective Risk Diversifiers Manager	Risk Diversifiers	-	Seth Keller	2/10/2023	1/24/2023	2/9/2023	12/16/2022

- Proactively build meaningful relationships with managers, preferably over a 12-36 month period outside of a fundraise
- The best managers have their choice of partners, so we seek to be a partner of choice
- We build a wide funnel of prospective investment opportunities, but make relatively few decisions each year

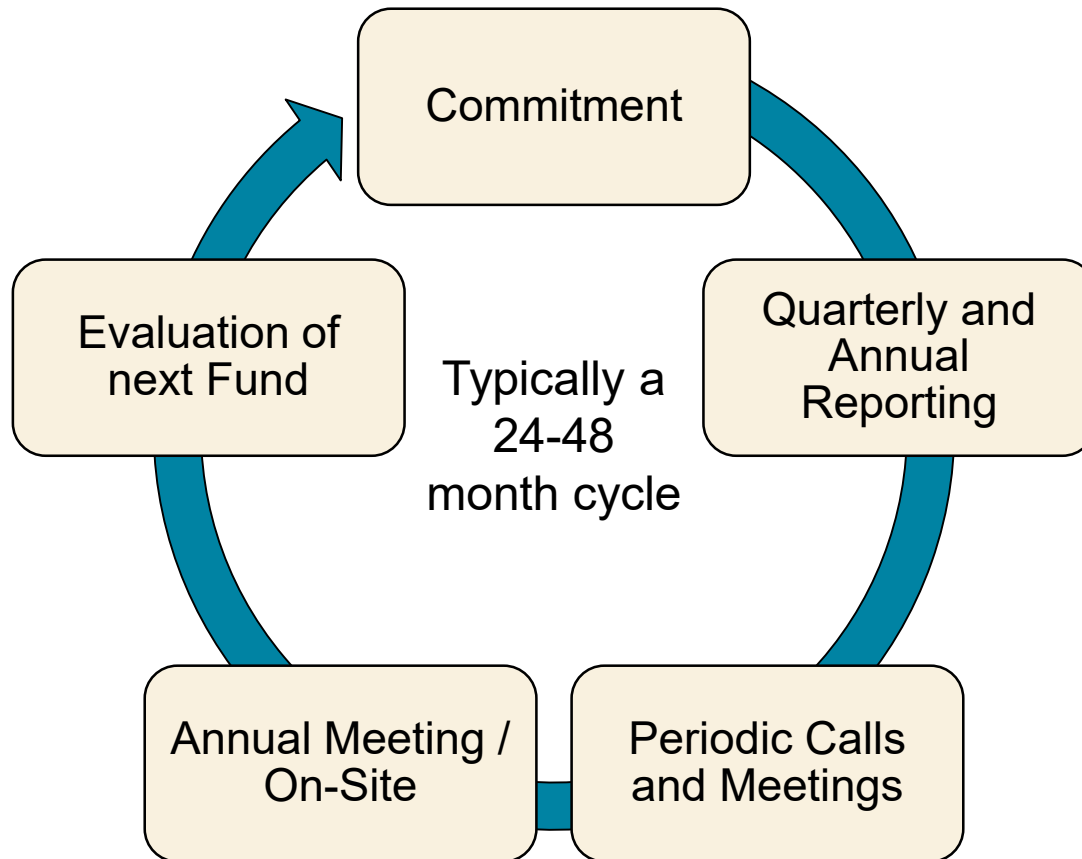


# Investment Due Diligence



# Monitoring

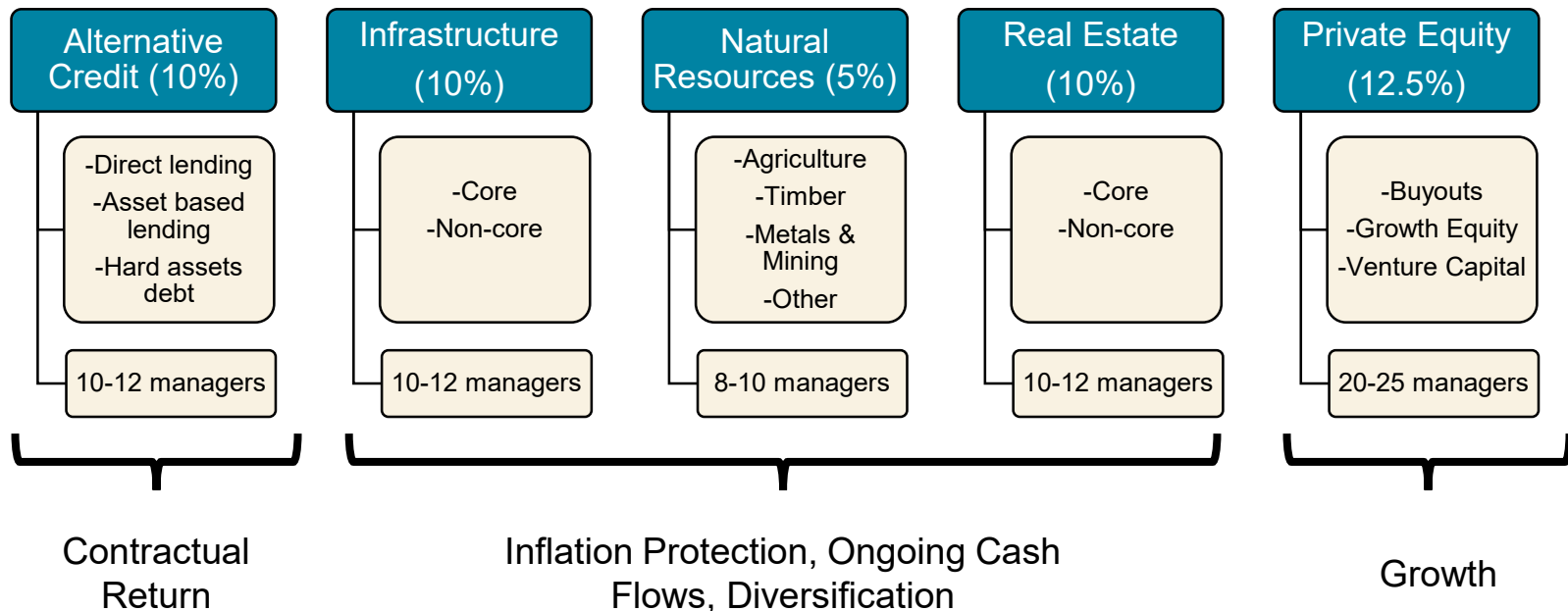
Active monitoring is ongoing due diligence



# Private Markets Portfolio Construction

Private markets have a strategic asset allocation target of 47.5% of the total Fund.

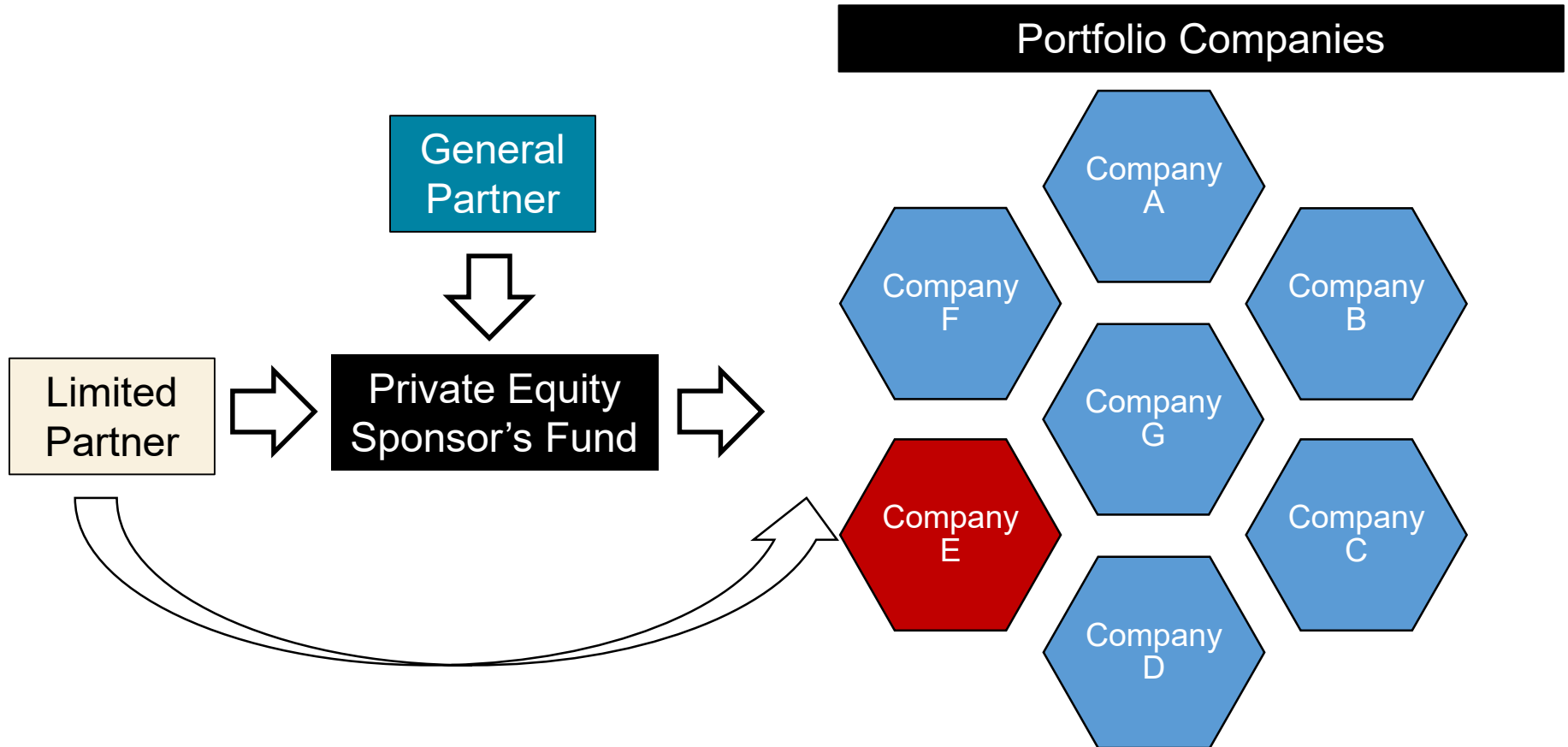
Our investment approach focuses on diversification by source of return, manager, and time periods (vintage years).





# What is a Co-Investment?

A co-investment is a passive direct investment in a private company or loan where the general partner is responsible for sourcing, leading due diligence, executing, and managing the transaction.



# Co-Investments are Beneficial for LPs and GPs

## Benefits for Limited Partners

- ❑ **Potential for enhanced returns**
  - ✓ Typically offered on favorable terms; often on a no-fee, no-carry basis
  - ✓ J-curve mitigation
  - ✓ Recapture a portion of the gross-to-net spread<sup>1</sup>
  - ✓ Positive selection can be additive to performance
- ❑ **Deeper relationships and information flow**
  - ✓ More interactions with managers
  - ✓ Deeper insights into a manager's due diligence and underwriting process
  - ✓ First-hand knowledge of deal environment, including competition, valuations, and return expectations
- ❑ **More influence over portfolio construction**
  - ✓ Reduction in blind pool risk
  - ✓ Control over capital deployment and portfolio construction

## Benefits for General Partners

- ❑ **Investment/Portfolio management**
  - ✓ Access to additional capital
  - ✓ Avoid triggering fund diversification and/or concentration limits
  - ✓ GP maintains primary control, rather than shared control, or having to partner with another sponsor
- ❑ **Marketing and investor relations**
  - ✓ Relationship and marketing benefits with existing and prospective LPs
  - ✓ Maintain fund fees while providing LPs with the opportunity to blend down their overall fees by participating in co-investments
  - ✓ Some, mostly larger, LPs are demanding co-investments
- ❑ **Potential for LP value-add**
  - ✓ Select LP co-investors may be value-add through network effects, customer references, and/or introductions



# Considerations for LPs and GPs

## Considerations for Limited Partners

- ❑ **Adverse selection**
  - ✓ Why are we seeing this deal?
- ❑ **Access to deal flow**
  - ✓ Requires a strong network of manager relationships
  - ✓ Must develop a reputation as a responsive market participant; does not mean always saying “yes”, but requires an efficient decision-making process
  - ✓ Investment opportunities may be sporadic
- ❑ **Time and resources**
  - ✓ A well-defined, repeatable, and efficient process is required
  - ✓ Execution places additional demands on the team
  - ✓ May require additional resources (e.g., legal)
  - ✓ Turnaround times are shorter than primary fund commitments; often 4 – 6 weeks

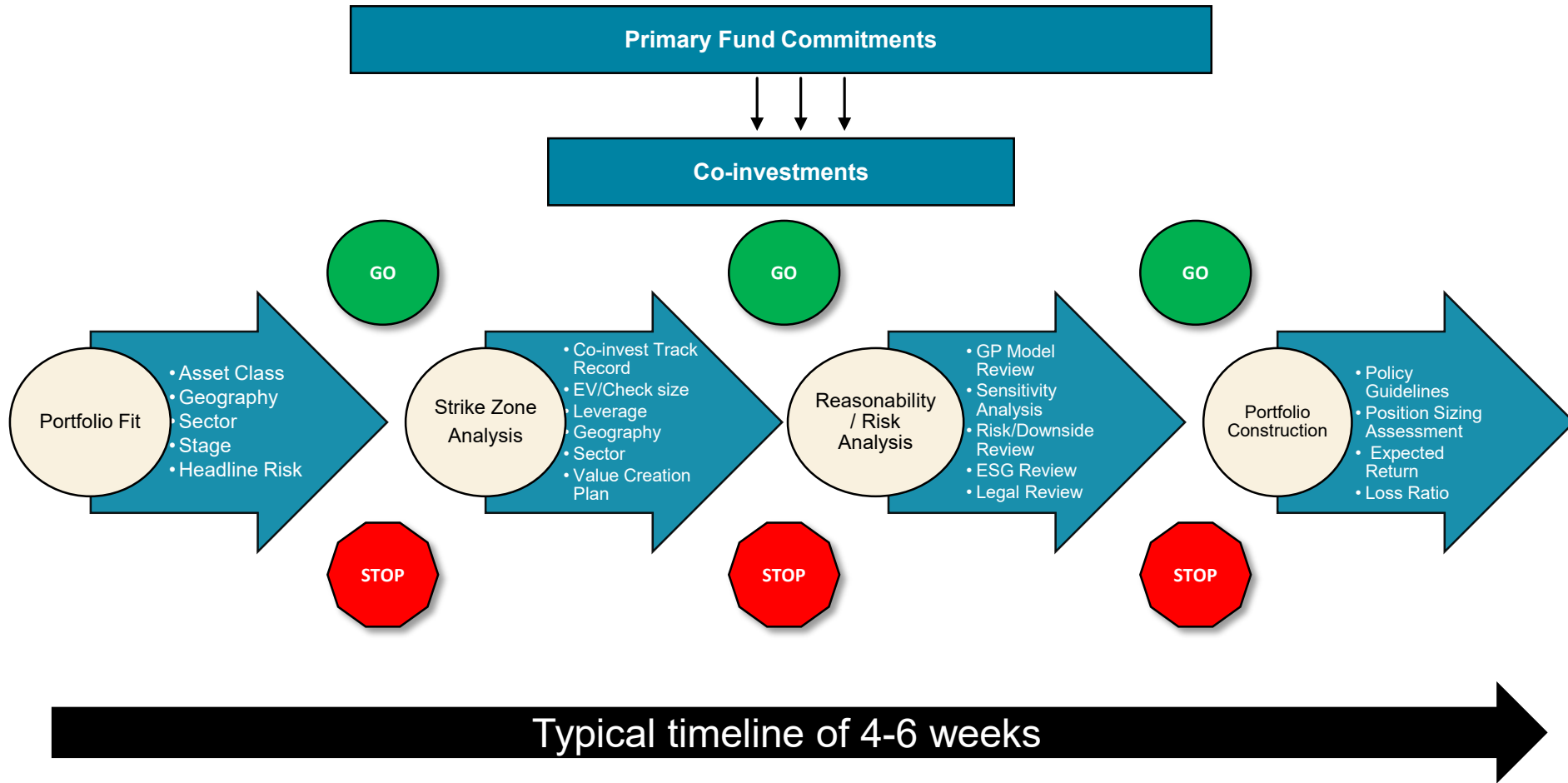
## Consideration for General Partners

- ❑ **LPs execution capabilities<sup>1</sup>**
  - ✓ Offering co-investments may slow or complicate the deal process
  - ✓ GPs identify an LPs efficiency in decision-making as the most important criteria in offering co-investments
  - ✓ LP reliability and check size are other important factors
- ❑ **Reputational risk**
  - ✓ GPs assume significant reputational risk with current and prospective LPs when offering co-investments
  - ✓ A bad experience or poor performance has the potential to harm an LP relationship and/or jeopardize future fund commitments



# MainePERS Co-Investment Framework

An effective and efficient process for evaluating co-investments should build upon rigorous primary fund due diligence and active monitoring



# Continuation Funds

A rapidly growing area of the private markets landscape is continuation funds (sometimes called GP-led secondaries), which have some elements of a primary fund commitment and a co-investment.

- In a continuation fund, a private capital manager creates a new investment vehicle, often in the later years of a fund's life, for the purpose of holding onto an asset(s) in the hopes of generating additional returns in the future.
- Continuation funds allow GPs to “re-buy” and hold promising investments, provide incremental capital for further value creation, in some cases crystallize carry and realign incentives, and provide a potential exit for LPs desiring liquidity.
- The transaction is typically led by a large third-party investor(s) and the fund's LPs are provided three elections: 1) full sale option, 2) full roll option, or 3) partial sale and roll option.
- The price of the transaction is determined by an investment bank running a process to establish the continuation fund, supported by a fairness opinion, and confirmed by the lead third-party investor(s).



# Summary

- MainePERS' investment approach balances the System's twin objectives of generating investment returns and minimizing investment risks.
- This approach emphasizes diversification by asset class, source of return, role in portfolio, and time periods (vintage years).
- The Investment Team spends the vast majority of its time on manager due diligence and selection in inefficient asset classes that we believe offer the best potential for the most attractive long-term, risk-adjusted returns.
- Portfolio construction is benchmark aware rather than benchmark sensitive; our goal is to build a portfolio that meets MainePERS' unique liquidity and risk-return objectives.
- Execution of this investment approach requires a skilled and dedicated team, following a collaborative, rigorous, and iterative investment process.



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# MAINEPERS

## BOARD OF TRUSTEES MEMORANDUM

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**TO:** BOARD MEMBERS

**FROM:** MICHAEL COLLERAN, CHIEF OPERATING OFFICER & GENERAL COUNSEL  
JAMES BENNETT, CHIEF INVESTMENT OFFICER  
CHIP GAVIN, CHIEF SERVICES OFFICER

**SUBJECT:** MAINESTART QUARTERLY REVIEW

**DATE:** MARCH 1, 2023

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Following this memo is the MaineSTART Quarterly Review for the quarter ending 12/31/2022.

### **POLICY REFERENCE**

[Board Policy 2.1-C – DC Plans Investment Policy Statement](#)

[Board Policy 4.5 – Board/Staff Relations](#)

[Board Policy 4.6 – Communication and Support to the Board](#)

### **RECOMMENDATION**

*No Board action is required.*



**MainePERS**  
PUBLIC EMPLOYEES RETIREMENT SYSTEM

# MaineSTART Quarterly Review

For the Quarter Ending 12/31/2022

MAINE  
START



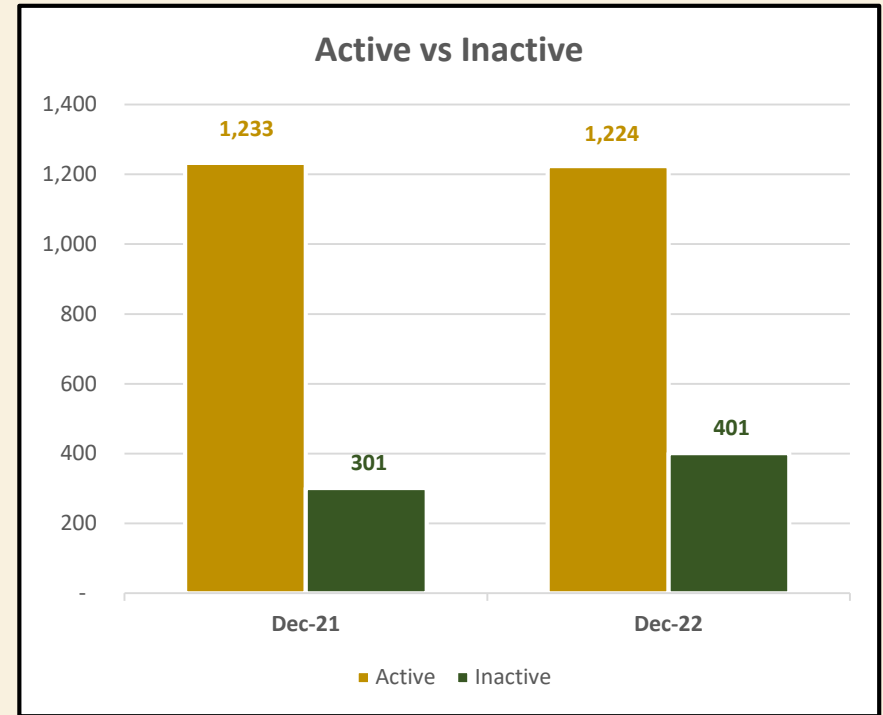
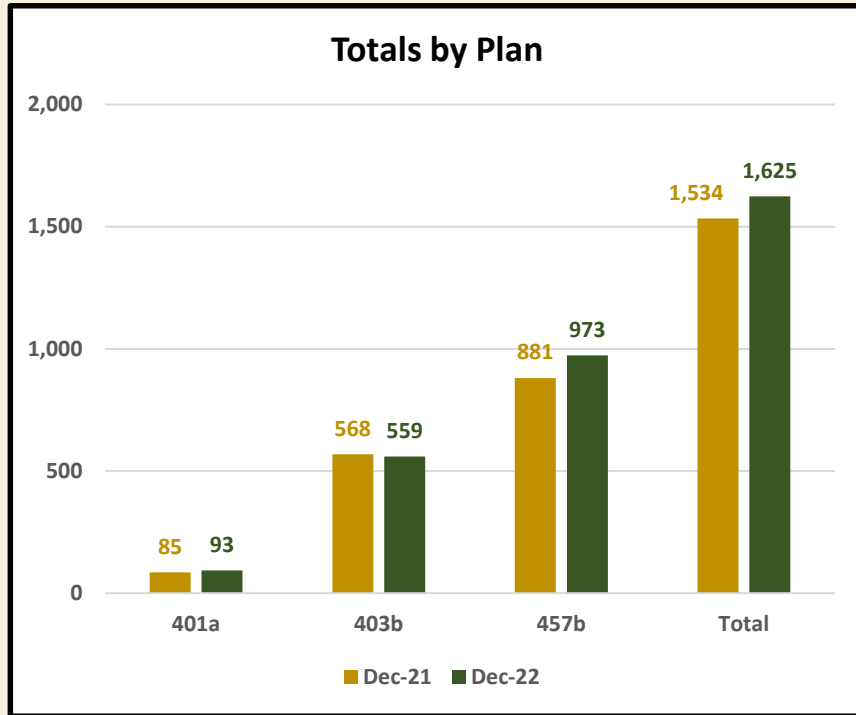
# MaineSTART Review 4Q 2022

## Overview of MaineSTART

- ▶ **401(a) Defined Contribution Plan**
  - ▶ **Qualified Plan**
  - ▶ **Higher Contribution Limits**
  - ▶ **Inflexible**
- ▶ **403(b) Tax-Sheltered Annuity Plan**
  - ▶ **Only for Educational and Certain Non-Profit Organizations**
  - ▶ **Flexible**
- ▶ **457(b) Deferred Compensation Plan**
  - ▶ **Flexible**

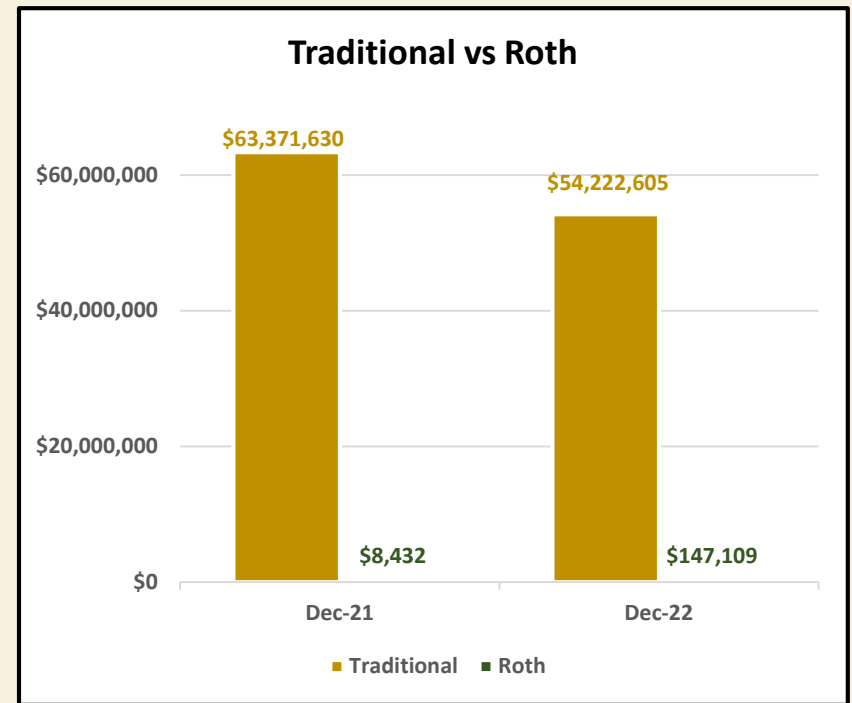
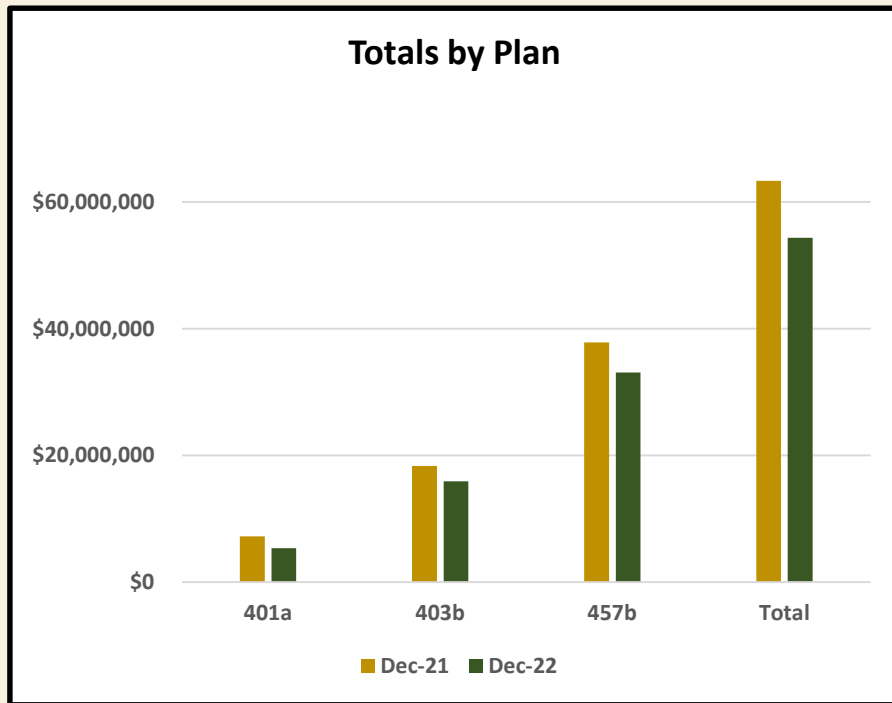
# MaineSTART Review 4Q 2022

## Participants



# MaineSTART Review 4Q 2022

## Market Value



# MaineSTART Review 4Q 2022

## Participation and Value as of 12/31/2022

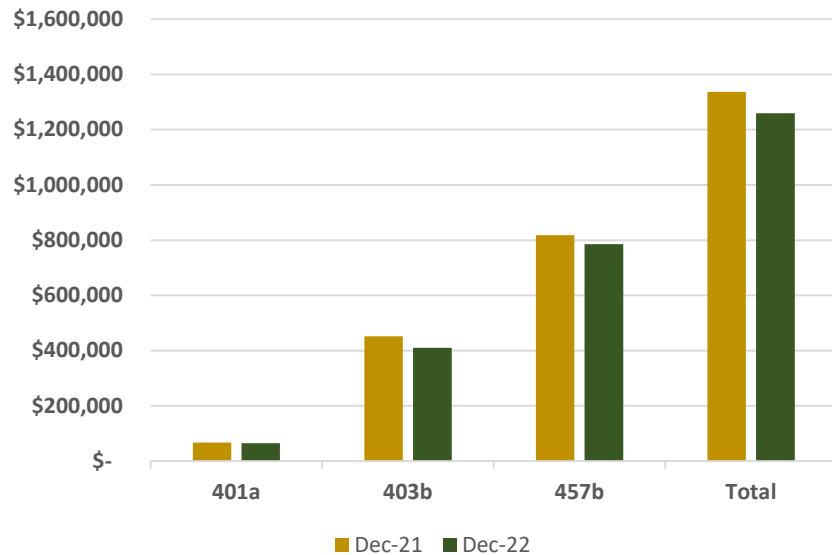
	401(a)	403(b)	457(b)	Total	Change from 12/31/2021
Participating Employers	7	1	73	81*	2
Participating Employees	93	559	973	1,625	91
Total Market Value	\$5,380,405	\$15,907,818	\$33,081,492	\$54,369,714	-\$9,010,348

\*26% of PLDs

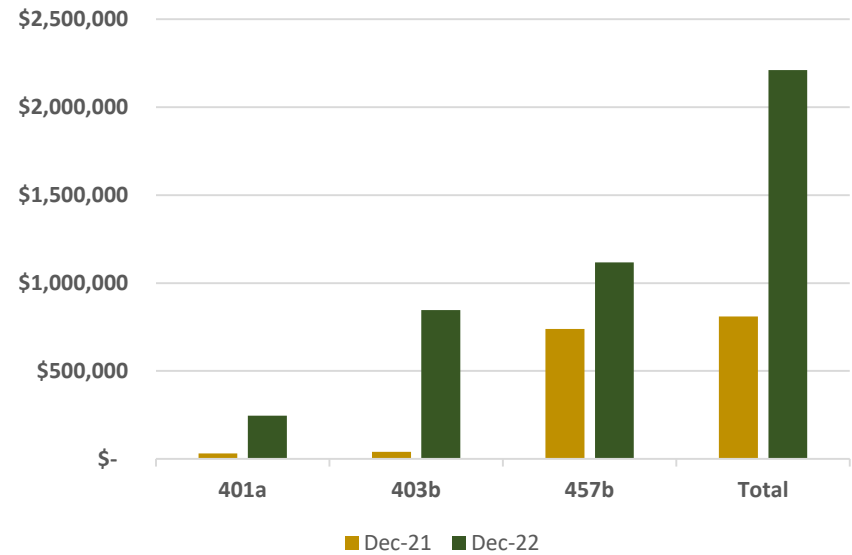
# MaineSTART Review 4Q 2022

## Cash Flows

### Contributions by Plan



### Distributions by Plan



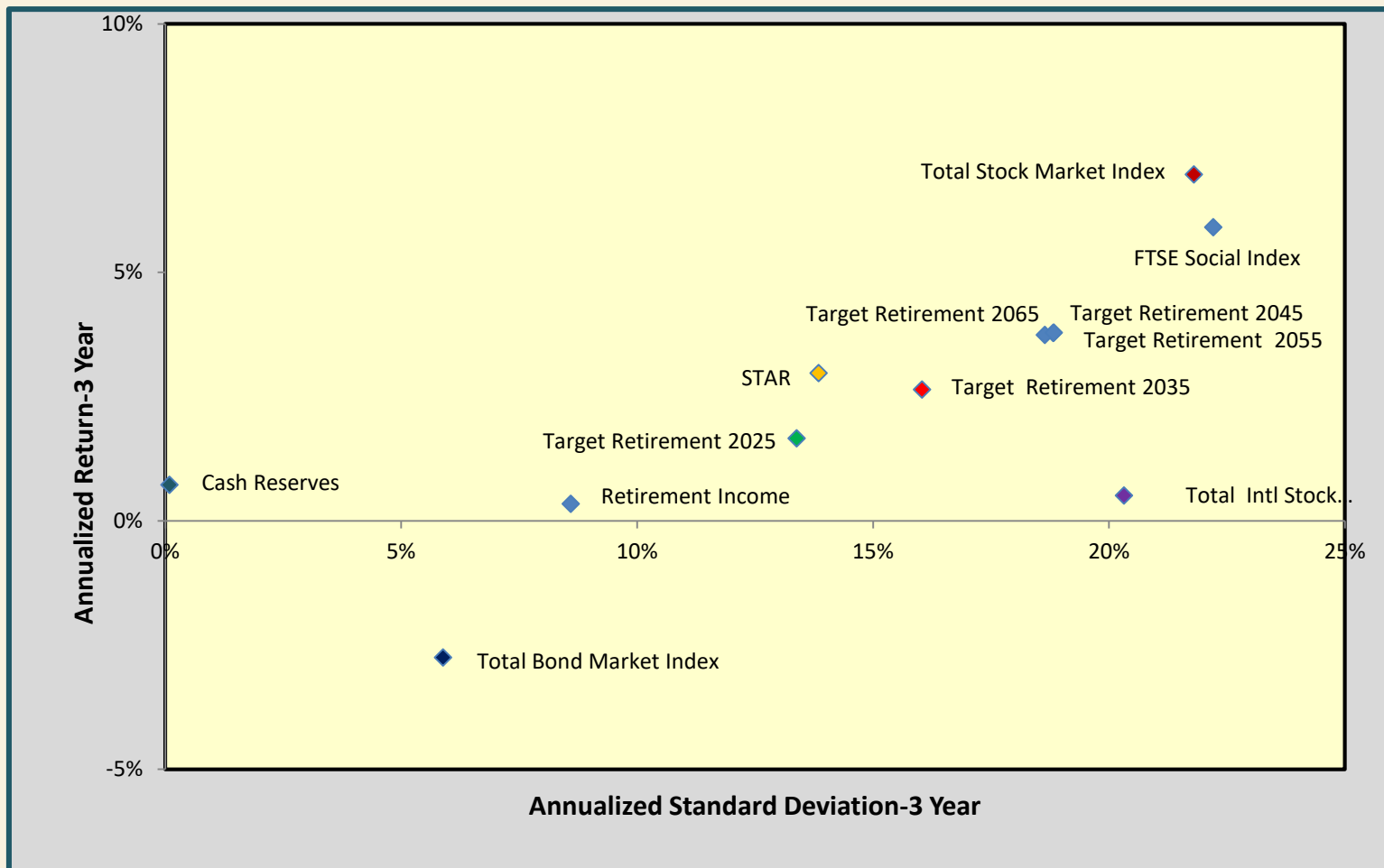
# MaineSTART Review 4Q 2022

## MaineSTART Investment Options

Fund	Expense Ratio
<b>Target Retirement</b>	
Vanguard Target Retirement 2025	0.08%
Vanguard Target Retirement 2035	0.08%
Vanguard Target Retirement 2045	0.08%
Vanguard Target Retirement 2055	0.08%
Vanguard Target Retirement 2065	0.08%
Vanguard Target Retirement Income	0.08%
<b>US Equity</b>	
Vanguard Total Stock Market Index	0.03%
Vanguard FTSE Social Index	0.14%
<b>Non-US Equity</b>	
Vanguard Total International Stock Index	0.11%
<b>Balanced</b>	
Vanguard STAR	0.31%
<b>Fixed Income</b>	
Vanguard Total Bond Market Index	0.05%
<b>Cash</b>	
Vanguard Cash Reserves Federal Money Market	0.10%

# MaineSTART Review 4Q 2022

## Risk vs Reward



# MaineSTART Review 4Q 2022

## Performance of Target Date Funds

Total Fund	\$ 54,369,714	% Total	Quarter	1 Yr	3 Yrs	5 Yrs	10 Yrs
<b>Target Retirement Funds</b>							
Target Retirement 2025	\$ 13,124,525	24.1%	6.0%	-15.6%	1.7%	3.6%	6.4%
Target Retirement 2025 Benchmark			6.2%	-15.0%	2.2%	4.0%	6.8%
Target Retirement 2035	\$ 8,755,748	16.1%	7.5%	-16.6%	2.6%	4.3%	7.6%
Target Retirement 2035 Benchmark			7.6%	-16.1%	3.2%	4.8%	7.9%
Target Retirement 2045	\$ 5,404,845	9.9%	8.9%	-17.4%	3.7%	5.1%	8.3%
Target Retirement 2045 Benchmark			8.9%	-16.9%	4.2%	5.5%	8.7%
Target Retirement 2055	\$ 1,108,375	2.0%	9.2%	-17.5%	3.8%	5.2%	8.3%
Target Retirement 2055 Benchmark			9.2%	-17.1%	4.3%	5.6%	8.7%
Target Retirement 2065	\$ 144,804	0.3%	9.2%	-17.4%	3.8%	5.2%	
Target Retirement 2065 Benchmark			9.2%	-17.1%	4.3%	5.6%	
Target Retirement Income	\$ 4,228,286	7.8%	3.7%	-12.7%	0.3%	2.3%	3.6%
Target Retirement Income Benchmark			4.0%	-12.4%	0.7%	2.6%	3.9%

Tracking Error for all funds remains within expected ranges given market volatility during Q4.



# MaineSTART Review 4Q 2022

## Performance of Index and Balanced Funds

Total Fund	\$ 54,369,714	% of Total	Quarter	1 Yr	3 Yrs	5 Yrs	10 Yrs
<b>US Equity</b>							
Total Stock Market Index	\$ 11,049,271	20.3%	7.1%	-19.5%	7.0%	8.7%	12.1%
Dow Jones Total Stock Market Index			7.2%	-19.5%	7.0%	8.7%	12.1%
FTSE Social Index	\$ 737,669	1.4%	5.2%	-24.2%	5.9%	9.0%	13.0%
FTSE4Good US Select Index			5.2%	-24.1%	6.0%	9.1%	13.1%
<b>Non-US Equity</b>							
Total International Stock Index	\$ 2,133,919	3.9%	14.7%	-16.0%	0.5%	1.1%	4.1%
Total International Stock Index			14.1%	-16.1%	0.5%	1.1%	4.2%
<b>Balanced</b>							
STAR	\$ 2,746,780	5.1%	7.0%	-18.0%	3.0%	4.8%	7.2%
STAR Composite Index			6.6%	-14.8%	3.2%	4.8%	6.9%
<b>Fixed Income</b>							
Total Bond Market Index	\$ 1,962,004	3.6%	1.7%	-13.2%	-2.8%	0.0%	1.0%
Barclays Capital Aggregate Bond Index			1.9%	-13.1%	-2.7%	0.1%	1.1%
<b>Total Cash</b>							
Cash Reserves Federal Money Market	\$ 2,973,487	5.5%	0.9%	1.6%	0.7%	1.3%	0.8%
Citigroup 90 Day T-Bill Index			0.8%	1.3%	0.5%	1.0%	0.6%

The STAR fund has demonstrated weak performance over the past year. Tracking Error on the other funds remains within expected range.

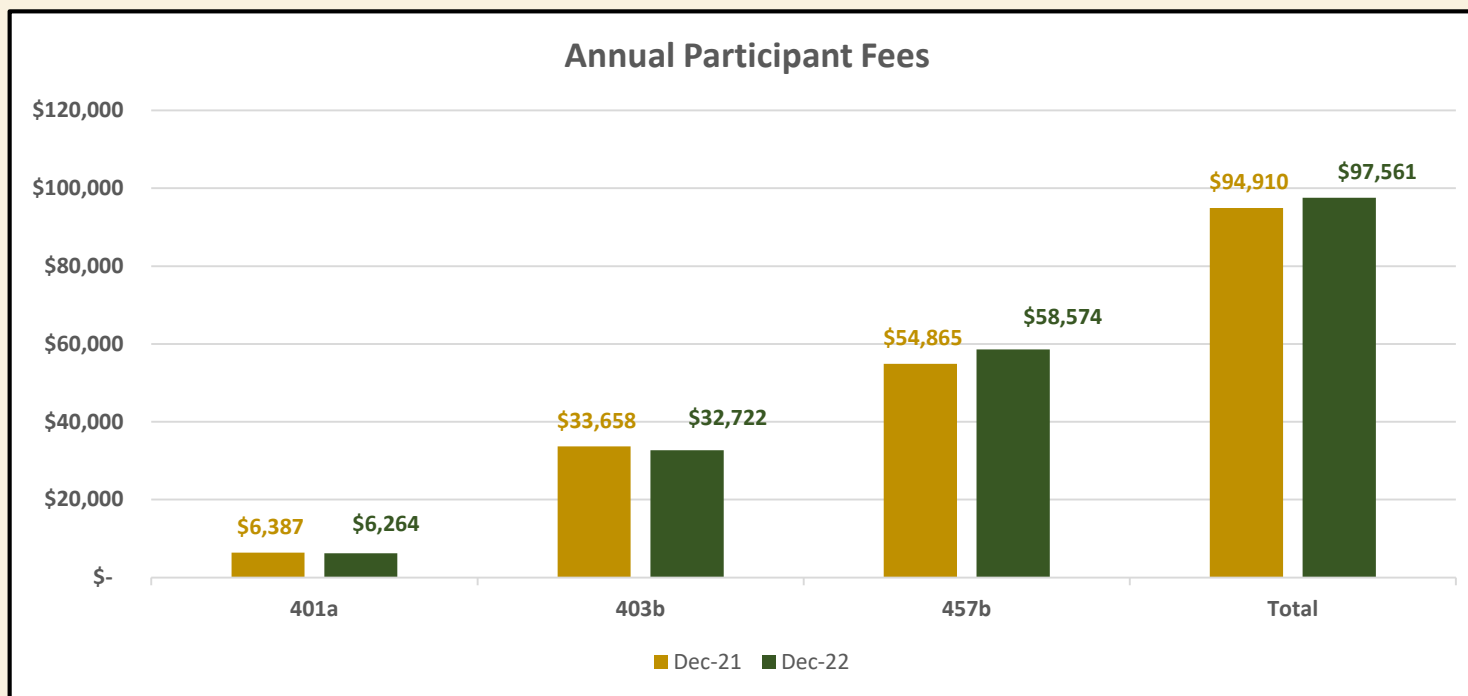
# MaineSTART Review 4Q 2022

## Investment Option Fees

Fund Name	Ticker	Market Value	MaineSTART	Next	Next
			Expense Ratio	Threshold Amount	Expense Ratio
Vanguard Total Stock Market Index	VITSX	\$11,049,271	0.03%	\$100,000,000	0.02%
Vanguard Total International Stock Index	VTIAX	\$2,133,919	0.11%	\$5,000,000	0.10%
Vanguard STAR	VGSTX	\$2,746,780	0.31%	N/A	0.31%
Vanguard FTSE Social Index	VFTAX	\$737,669	0.14%	\$5,000,000	0.12%
Vanguard Target Retirement 2025	VTTVX	\$13,124,525	0.08%	N/A	0.08%
Vanguard Target Retirement 2035	VTTHX	\$8,755,748	0.08%	N/A	0.08%
Vanguard Target Retirement 2045	VTIVX	\$5,404,845	0.08%	N/A	0.08%
Vanguard Target Retirement 2055	VFFVX	\$1,108,375	0.08%	N/A	0.08%
Vanguard Target Retirement 2065	VLXVX	\$144,804	0.08%	N/A	0.08%
Vanguard Retirement Income	VTINX	\$4,228,286	0.08%	N/A	0.08%
Vanguard Total Bond Market Index	VBTLX	\$1,962,004	0.05%	N/A	0.05%
Vanguard Cash Reserves Federal MM	VMRXX	\$2,973,487	0.10%	N/A	0.10%
			\$54,369,714		

# MaineSTART Review 4Q 2022

## Fees



**Notes:**

- Participants pay an annual fee of \$50 and 3 bps on assets to the Newport Group
- Investment management fees vary depending on the fund selection
- Annual Administrative Fees of \$244,600 are assessed through PLD payrolls at 0.04%

## Compliance and Operations

- ▶ **Process for removing the Vanguard STAR Fund as an available fund for new contributions has begun**

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# MAINEPERS

## BOARD OF TRUSTEES MEMORANDUM

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**TO:** BOARD MEMBERS  
**FROM:** MICHAEL J. COLLERAN, CHIEF OPERATING OFFICER & GENERAL COUNSEL  
CHIP GAVIN, CHIEF SERVICES OFFICER  
**SUBJECT:** OPERATIONS AND MEMBER SERVICES REPORT  
**DATE:** MARCH 1, 2023

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Content in the following paragraphs was selected to provide noteworthy information regarding the System's operations and member services.

### POLICY REFERENCE

[Board Policy 4.5 – Board/Staff Relations](#)

[Board Policy 4.6 – Communications and Support to the Board](#)

### MEMBER SERVICES

1. CUSTOMARY SERVICES DATA. The data about routine member services are attached to this report.
2. PLD COLA: The PLD 1% COLA payments and adjustments retroactive to September 2022 were implemented with the February 2023 payroll. Recipients received a lump sum payment for the retroactive portion of the adjustment and a 1% increase in the ongoing benefit. Both hard copy and electronic notices were provided in advance to recipients, information was and is posted on the MainePERS website, and the MainePERS telephone system was adjusted to address any related inquiries. PLD employers and other stakeholders were alerted.
3. STATE/TEACHER COLA: The recently enacted State supplemental budget for Fiscal Year 2023 included a one-time 1% COLA for State and Teacher plan retirees. The additional 1.0% applies to retirement benefit payments, up to a maximum of \$24,186.25, for the one-year period ending August 31, 2022. MainePERS is working to implement this COLA in the coming months. Pro-active outreach is being planned to communicate this benefit increase to those who will receive it and associated stakeholders.
4. ONLINE BENEFIT ESTIMATOR: The new online benefit estimator previously discussed with Trustees has received roughly 100-125 visitors per week since its soft launch in January. Effective March 1, 2023, the visibility of this member service increased with the additional of a dedicated button on the MainePERS web site. Activity will continue to be monitored.

5. TAX DOCUMENT SEASON MEMBER SERVICES ACTIVITIES: At least a temporary decline in member inquiries has occurred regarding tax documents. MainePERS had proactively applied various communication tools to serve callers seeking tax information.
6. STAFFING: Member services continues to recruit assertively and is currently recruiting for not less than 10 positions such as Member Services Representatives, Pension Associates, Training and Quality Assurance, Disability Specialist, and a Plan Administrative Associate.
7. MAINESTART: Work is ongoing to implement the Trustees authorization to eliminate the STAR fund as an investment option for MaineSTART participants. In working with the Newport Group, all participants will be notified of this change. MainePERS itself will additionally follow up with further communication to all active participants regarding participants' investment choices. Any participant who had elected all or a portion of their future contributions to be invested in the STAR fund will instead have those future contributions invested in another option elected by the participant or a default option. We are working with Newport on identifying the appropriate option for this purpose. Approximately 200 MaineSTART participants are invested in the STAR fund, roughly 65% of whom are active members. The fund holds approximately \$2.9 million across all plans, which represents approximately 12% of all participants and 5% of total MaineSTART holdings. A sample of the standard regulatory notice, which the Newport Group will send to all participants, is attached.

## FINANCIAL

1. EMPLOYER REPORTING. Employers submitted defined benefit payrolls on time at an 89% rate in February, which is in line with the fiscal year to date monthly average of 88.8% and last February's 90%. Work continues assisting late-reporting employers to become current and coordinating with payroll vendors to improve accuracy and timeliness of their clients' reporting. The Employer Reporting unit has made substantial progress in reducing an account reconciliation backlog, moving from 138 to 401 fully-reconciled accounts in a little

more than a year. Accounting staff pitched-in to help with this, and work continues to eliminate the backlog fully.

2. EMPLOYER AUDITING. Four audits were opened in February, and five were completed. All five of the completed audits revealed contribution errors that staff are working to resolve with the employers. Ninety-two percent of all findings to date have been resolved satisfactorily.

## **ADMINISTRATION**

1. HUMAN RESOURCES. Three new Pension Associates and two IT staff started in February as we continue to focus on recruitment. Two additional new staff are expected to start on March 6.
2. FACILITIES. While water damage repairs were wrapping up in our Portland office, we discovered water damage to one of our leased spaces at the Brunswick Disaster Recovery facility. We are working with the landlord on repairs.
3. BUSINESS CONTINUITY. We held a tabletop exercise with the Disability unit in February involving the unexpected loss of a critical vendor for the annual statement of compensation process. The Disability team was successful in creating resolutions to the problems presented.

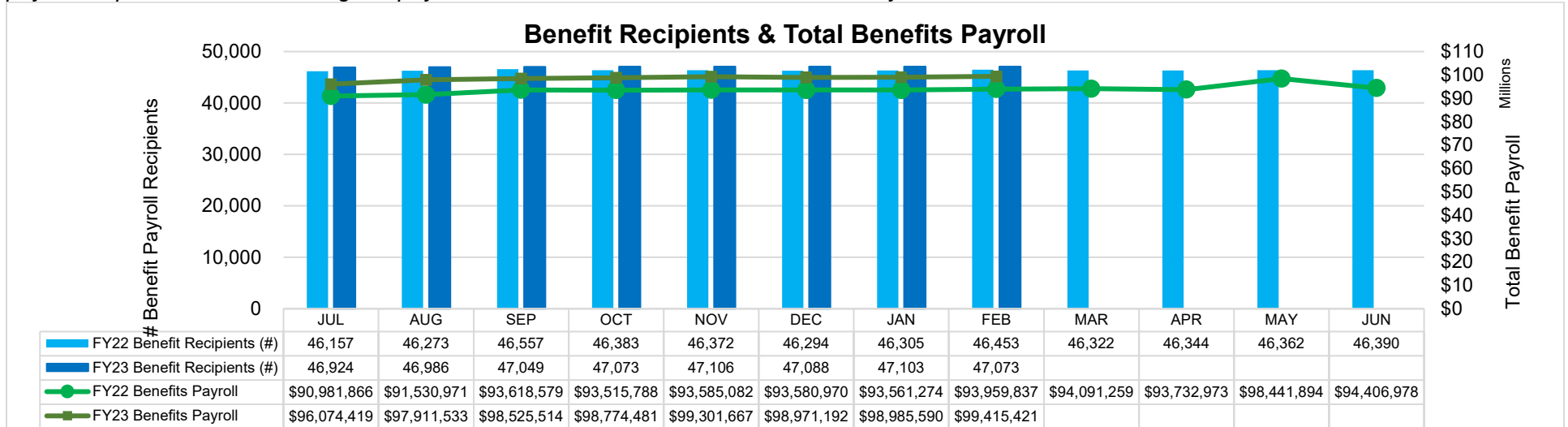
## **INFORMATION TECHNOLOGY**

1. IT AUDIT. Staff is supporting the ongoing audit of our compliance with the NIST Cybersecurity Framework by auditing firm CBIZ Risk & Advisory Services.
2. BOARD SOFTWARE. We are using both the traditional system and Govenda to deliver the March Board materials to you. IT staff will be onsite to assist and answer questions.

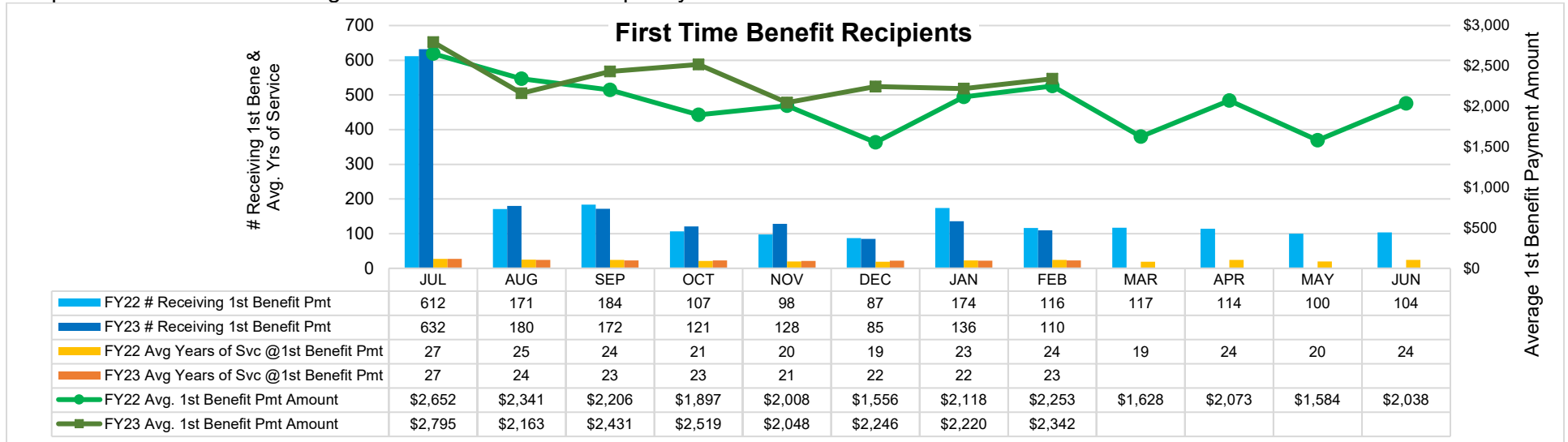
**MARCH 2023 BOARD OF TRUSTEES OPERATIONS - SERVICE PROGRAMS SUPPLEMENTAL NUMBERS**

**RETIREMENT SERVICES**

**BENEFITS PAYROLL.** Regular monthly pension benefit payments were made to 47,073 recipients in February, totaling \$99,415,421. *Note: Special payments paid outside of the regular payroll run are not reflected in the "Benefits Payroll" total.*



**FIRST TIME BENEFIT RECIPIENTS.** One hundred ten (110) individuals received their first benefit payment in February. The average benefit amount was \$2,342. First time recipients averaged twenty-three (23) years of service. The count of new recipients, payment amount, and service are comparable to data seen during the same month in recent prior years.

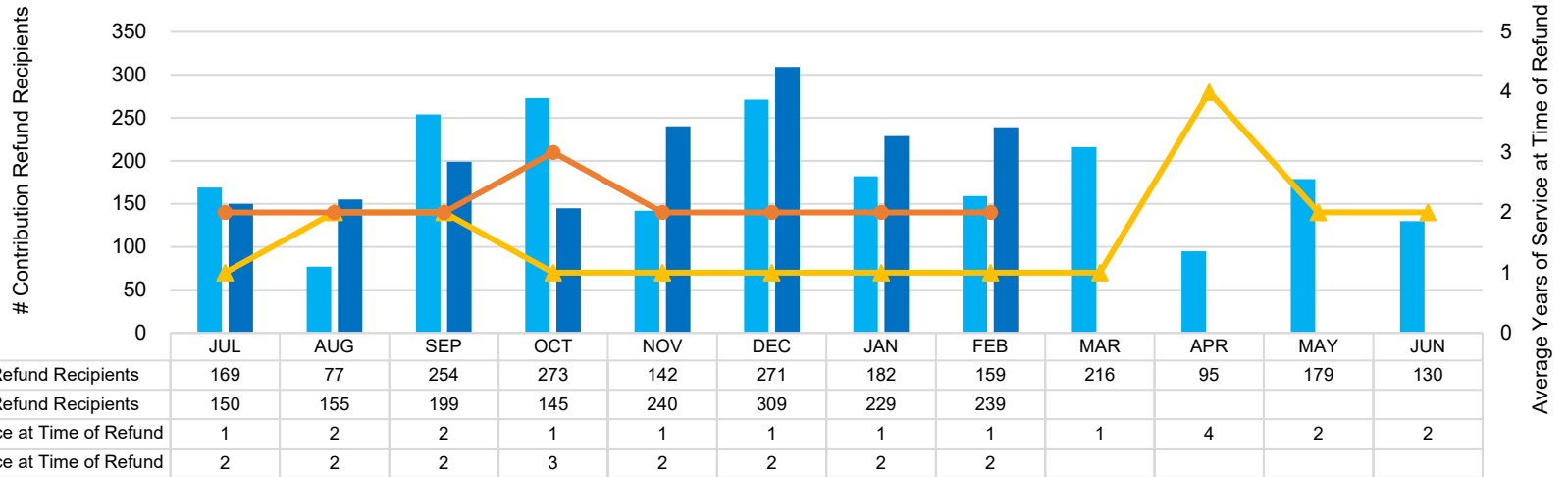




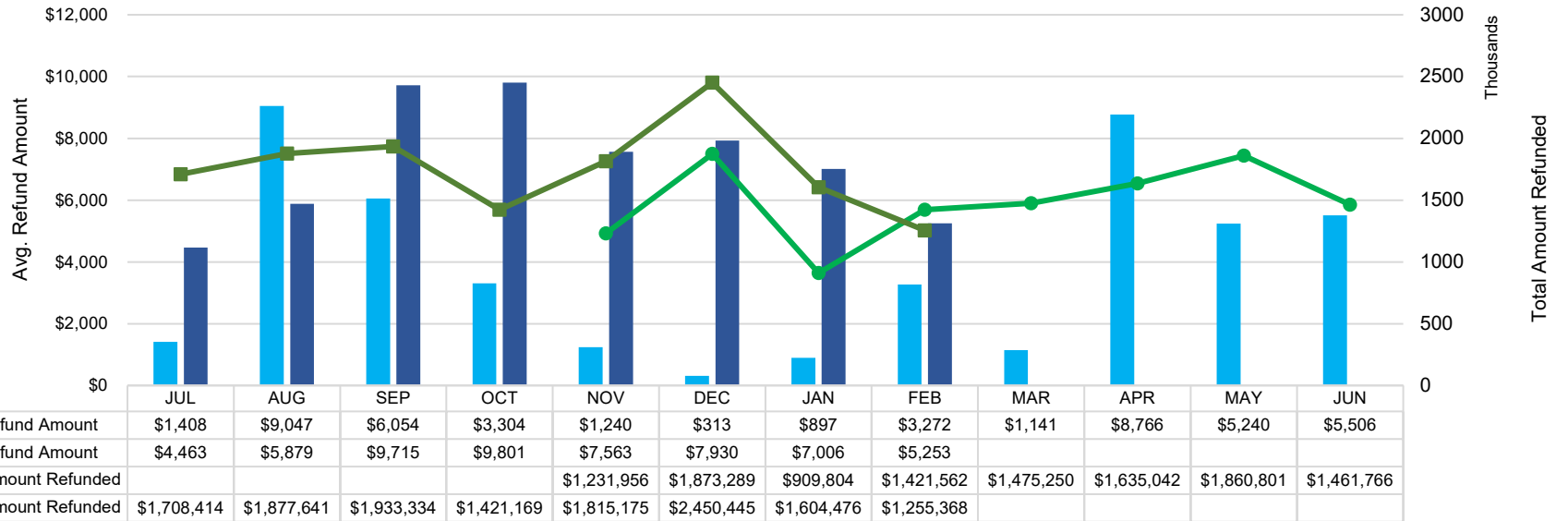
**RETIREMENT SERVICES: Continued**

CONTRIBUTION REFUND ISSUES: Two hundred thirty nine (239) former members received a refund of their contributions in February. The average refund was \$5,253 as the result of two (2) years of service. The aggregate amount refunded was \$1,255,368.

**Contribution Refunds Issued: Total Number & Avg. Yrs of Service**

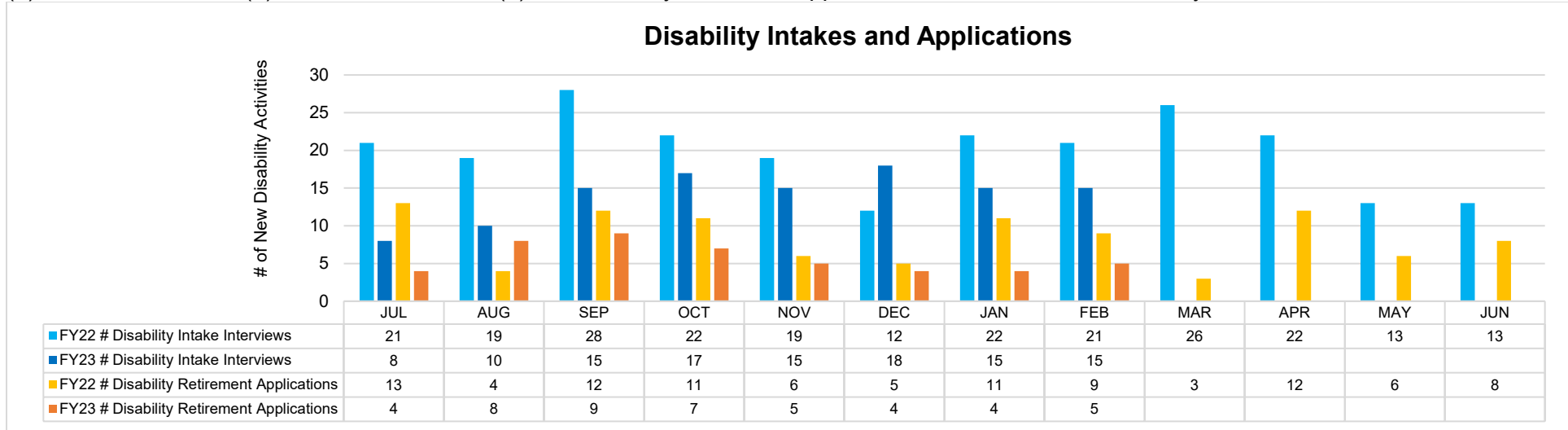


**Contribution Refund Average Amount and Total Amount Refunded**



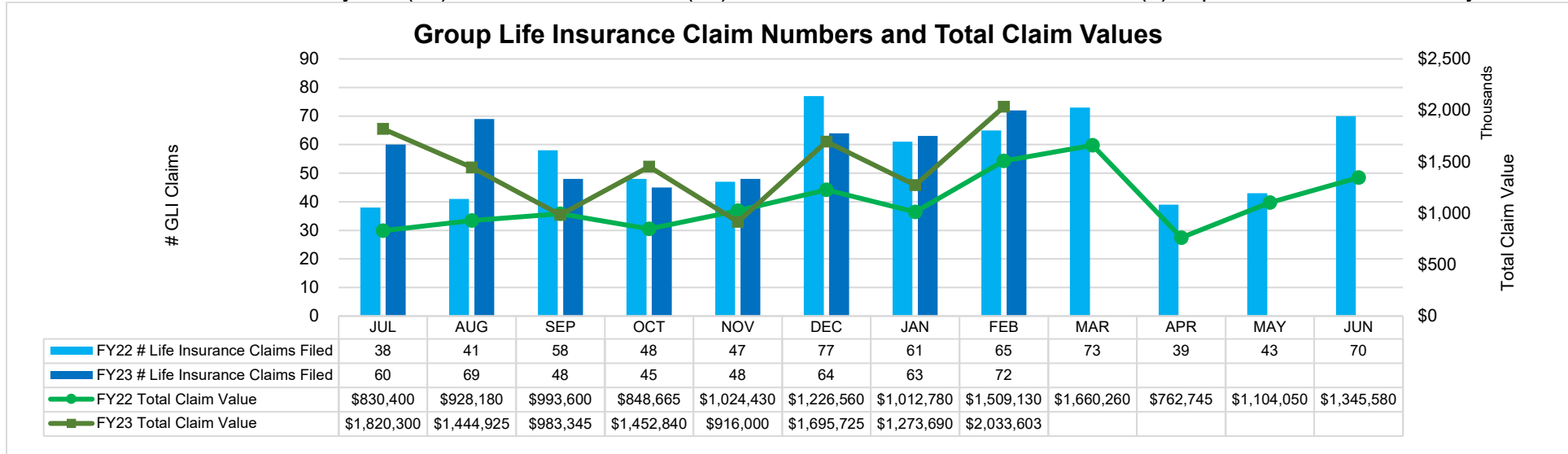
**DISABILITY SERVICES**

Fifteen (15) intake interviews were completed in February with varying levels of detail and duration. Intakes included eight (8) State members, four (4) Teacher and three (3) PLD members. Five (5) new disability retirement applications were received in February.



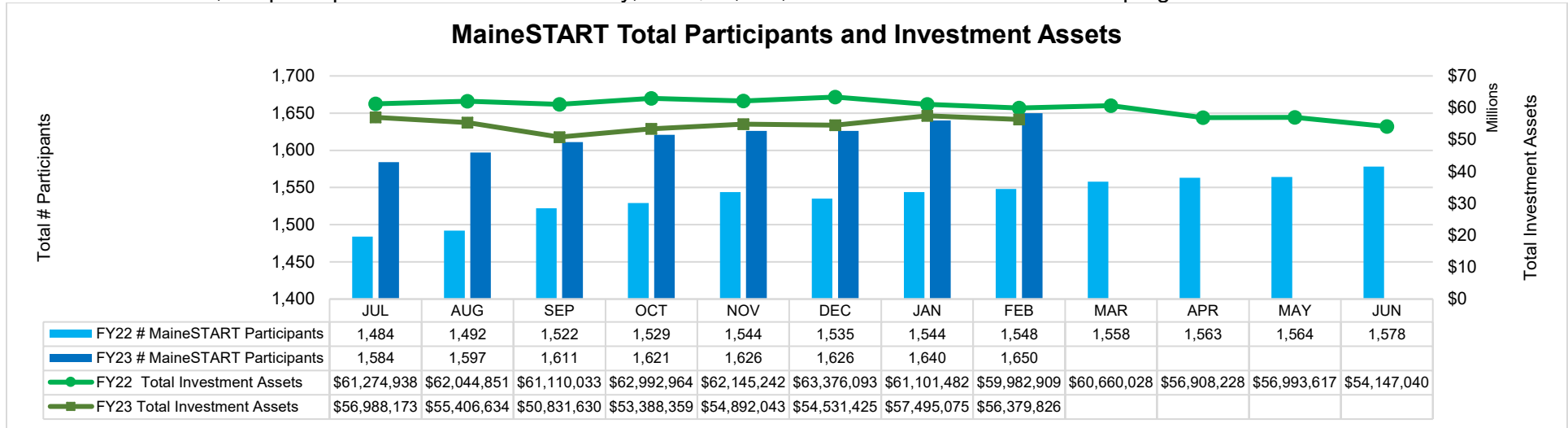
**SURVIVOR SERVICES**

Seventy-two (72) life insurance claims were sent to our carrier (The Hartford) in February, with a total value of \$2,033,630 in payments due to beneficiaries. Of the claims, sixty-two (62) were retirees and ten (10) were active members. There was one (1) dependent claim in February.



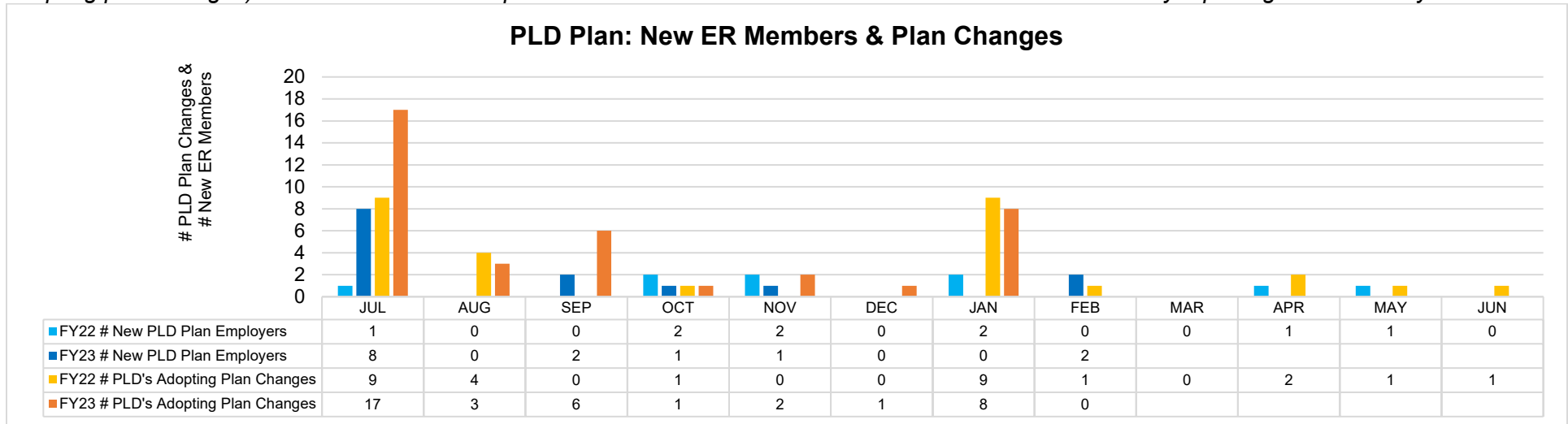
**DEFINED CONTRIBUTION PLAN SERVICES**

MaineSTART had 1,650 participants at the end of February, with \$56,379,826 of investment assets in the program.



**PLD PLAN ADMINISTRATION**

Two (2) new employers joined the PLD Retirement Program effective February 01, 2023. Kennebec Valley Council of Governments (full time employees) joined under regular plan AC and the Town of Livermore (regular, full-time employees, appointed officials and its elected Town Clerk) under plan AN. There were no employer plan changes effective in February. *Note: This metric reflects PLD employer changes (joining, returning, adopting plan changes) in the month of their implementation. This format is consistent with MainePERS activity reporting to our actuary.*



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# MAINEPERS

## BOARD OF TRUSTEES LEGISLATIVE MEMORANDUM

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**TO:** BOARD MEMBERS  
**FROM:** MICHAEL J. COLLERAN, GENERAL COUNSEL  
KATHY MORIN, DIRECTOR, ACTUARIAL AND LEGISLATIVE AFFAIRS  
**SUBJECT:** LEGISLATIVE UPDATE  
**DATE:** FEBRUARY 28, 2023

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The First Regular Session of the 131<sup>st</sup> Legislature convened on December 7, 2022. We will review proposed bills as they are printed and will bring to you bills that either could directly impact the System or are likely of interest. Statutory adjournment for the First Regular Session is June 21, 2023.

### **POLICY REFERENCE**

[Board Policy 3.1 – Reporting](#)

[Board Policy 3.2 – Legislation](#)

[Board Policy 4.5 – Board/Staff Relations](#)

[Board Policy 4.6 – Communications and Support to the Board](#)

### **COMMITTEE OF JURISDICTION**

The Committee on Labor and Housing remains the committee of jurisdiction for MainePERS-related matters.

### **PRINTED BILLS**

The following bills have been printed. The current status of each bill is provided, with updates from last month italicized.

**L.D. 70 – COLA BASE**

This bill would eliminate the COLA Base, which is the level of benefit that is subject to a cost-of-living adjustment (COLA). This applies to retirees from the State-sponsored plans. *A public hearing was held on February 14 and a work session is scheduled for March 9.*

**L.D. 106 – SERVICE CREDIT**

This bill would allow a member who has completed an established percentage of the special plan to continue to earn special plan credit upon transfer to a regular plan position. *A public hearing was held on February 9 and a work session has not yet been scheduled.*

**L.D. 185 – TEACHER EARLY RETIREMENT**

This bill would change the early retirement reduction that applies to teachers with at least thirty-five years of service credit. *A public hearing was held on February 9 and a work session has not yet been scheduled.*

**L.D. 197 – SPECIAL PLAN FOR CRIME LAB/COMPUTER CRIMES UNIT**

This bill would establish a new special plan for certain employees in the Department of Public Safety, Computer Crime Laboratory or computer crimes unit. *A public hearing has not yet been scheduled.*

**L.D. 206 – PROPOSED FY 2023 SUPPLEMENTAL BUDGET**

Part J of the proposed supplemental budget would provide a one-time, non-cumulative 1% cost-of-living adjustment for eligible retirees from the State-sponsored plans.

*The budget was enacted as PL 2023, c. 3, including the one-time COLA provision.*

**L.D. 258 – PROPOSED FY 2024-2025 BIENNIAL BUDGET**

This bill is the proposed biennial budget. It includes required funding for normal cost and unfunded liability costs for the State-sponsored plans. It also includes required funding for retired teacher group life insurance and the pay-as-you-go Governor's Retirement Plan. *Public hearings on the proposed budget are ongoing.*

**L.D. 313 – SPECIAL PLANS FOR LAW ENFORCEMENT**

This concept draft aligns retirement plans for certain law enforcement officers. *A public hearing has not yet been scheduled.*

**L.D. 426 – MILITARY SERVICE PURCHASE**

*This bill expands the periods of military service that eligible members may purchase at a subsidized rate. A public hearing is scheduled for March 2.*

*A copy of this bill is included with this memo.*

**L.D. 483 – RETROACTIVE SPECIAL PLAN COVERAGE**

*This bill provides retroactive special plan coverage for certain employees of the Department of Corrections. A public hearing is scheduled for March 2.*

*A copy of this bill is included with this memo.*

**L.D. 610 – EXPAND 1998 SPECIAL PLAN**

*This bill would allow certain employees in the Office of the Chief Medical Examiner who are currently included in the regular plan to be covered instead by the 1998 Special Plan. A public hearing is scheduled for March 2.*

*A copy of this bill is included with this memo.*

**L.D. 635 – RETIRE-REHIRE FOR LAW ENFORCEMENT OFFICERS**

*This bill would allow retired law enforcement officers to be hired as a school resource officer without any impact to their current retirement benefits. A public hearing is scheduled for March 2.*

*A copy of this bill is included with this memo.*

**L.D. 733 – ANNUAL STATEMENTS**

*This bill requires employers and MainePERS to provide an annual benefits statement and specifies what must be included in the statement. A public hearing has not yet been scheduled.*

*A copy of this bill is included with this memo.*

**L.D. 742 – DIVESTMENT**

*This bill requires MainePERs to no longer invest in companies that are boycotting Maine lobster and to divest of current holdings, in accordance with sound investment criteria and consistent with the Board's fiduciary obligations. A public hearing is scheduled for March 9.*

*A copy of this bill is included with this memo.*

### **L.D. 882 – LOCAL DISTRICT DEFINITION EXPANSION**

*This bill would allow certain non-municipal emergency medical service providers to participate in the Participating Local District Consolidated Retirement Plan. A public hearing has not yet been scheduled.*

*A copy of this bill is included with this memo.*

### **REPORTS**

The following reports have been or will be prepared for the Legislature during the upcoming weeks:

#### **BOARD AND PLD ADVISORY COMMITTEE ACTIVITY**

The System is required to report annually to the Secretary of State on activities of the Board of Trustees and the PLD Advisory Committee. These reports were submitted on December 20, 2022, and copies were previously provided to the Board.

#### **ESG POLICY**

The System is required to report information annually to the Legislature regarding its environmental, social and governance investment policy. This report must disclose commonly available environmental performance metrics on the environmental effects of the board's investment. This report was filed on December 15, 2022, and a copy was previously provided to the Board.

#### **DIVESTMENT**

The System is required to report information to the Legislature regarding the progress of divestment from fossil fuels and the implementation of the divestment law enacted in 2021 (PL c. 231). This report must be submitted annually by January 1, 2023, 2024 and 2025. We requested an extension for the filing of this report until January 17, 2023 in order for the Board to have an opportunity to review the final report before it was submitted. The report was submitted on January 17, and a copy was previously provided to the Board.

### LONG-TERM DISABILITY INSURANCE

The System is required to submit a report to the Legislature regarding an implementation plan for mandatory long-term disability insurance. This report was filed on December 20, 2022, and a copy was previously provided to the Board.

### DISABILITY RETIREMENT

The System is required to submit a report to the Legislature regarding the experience of the system and its members after the implementation of the new disability program provisions. This report was filed on January 31, 2023, and a copy was previously provided to the Board.

### PROCUREMENT

The System is required to report information annually to the Legislature regarding procurement, contributions, and changes to certain policies and procedures. This report was filed on January 23, and a copy was previously provided to the Board.

### MILITARY SUBSIDY REPORT

The System is required to report information annually to the Legislature regarding military service credit purchase requests received from certain categories of members. *This report was filed on February 7, and a copy is included with this memo.*

### ANNUAL REPORT TO THE LEGISLATURE

The System is required to submit an annual report to the Legislature, including specific information set out in statute. *This report was filed on February 27, and a copy was previously provided to the Board.*

### PRESENTATIONS

The System presented an orientation briefing to the Committee on Appropriations and Financial Affairs (AFA) on January 30, and to the Committee on Labor and Housing (LBHS) on January 31. Both presentations were well received.

The System presented the Disability Program Experience Report to the LBHS Committee on February 2. The presentation was well received.





# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 426

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H.P. 259

House of Representatives, February 2, 2023

**An Act to Amend the Eligibility Criteria for Creditable Service in  
the Armed Forces of the United States Under the State Retirement  
System**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in cursive script that reads "Robert B. Hunt".

ROBERT B. HUNT  
Clerk

Presented by Representative SALISBURY of Westbrook.  
Cosponsored by Representatives: O'CONNELL of Brewer, RIELLY of Westbrook.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 5 MRSA §17760, sub-§3, ¶C**, as enacted by PL 2003, c. 693, §3, is  
3 amended to read:

4 C. For purposes of this subsection, "federally recognized period of conflict" means  
5 World War I, April 6, 1917 to November 11, 1918 or to March 31, 1920 if service was  
6 in Russia; World War II, December 7, 1941 to December 31, 1946; the Korean  
7 Conflict, June 27, 1950 to January 31, 1955; the Vietnam War, August 5, 1964 to May  
8 7, 1975 and the period beginning on February 28, 1961 and ending on May 7, 1975 in  
9 the case of a veteran who served in the Republic of Vietnam during that period;  
10 operations in Lebanon, August 21, 1982 to February 26, 1984; operations in Grenada,  
11 October 25, 1983 to December 15, 1983; and the Persian Gulf War, August 7, 1990 to  
12 the date that the United States Government recognizes as the end of the Persian Gulf  
13 War.

14 **Sec. 2. 5 MRSA §18360, sub-§2, ¶E**, as amended by PL 2007, c. 249, §29, is  
15 further amended to read:

16 E. Except as provided in paragraph I, a member who served in the armed forces during  
17 any federally recognized period of conflict, is entitled to service credit under this  
18 subsection. For purposes of this paragraph, "federally recognized period of conflict"  
19 means World War I, April 6, 1917 to November 11, 1918 or to March 31, 1920 if  
20 service was in Russia; World War II, December 7, 1941 to December 31, 1946; the  
21 Korean Conflict, June 27, 1950 to January 31, 1955; the Vietnam War, August 5, 1964  
22 to May 7, 1975 and the period beginning on February 28, 1961 and ending on May 7,  
23 1975 in the case of a veteran who served in the Republic of Vietnam during that period;  
24 operations in Lebanon, August 21, 1982 to February 26, 1984; operations in Grenada,  
25 October 25, 1983 to December 15, 1983; and the Persian Gulf War, August 7, 1990 to  
26 the date that the United States Government recognizes as the end of the Persian Gulf  
27 War.

28 **SUMMARY**

29 This bill amends the state retirement system laws governing creditable service for  
30 service in the United States Armed Forces to provide credit for service during operations  
31 in Lebanon, occurring from August 21, 1982 to February 26, 1984, and operations in  
32 Grenada, occurring from October 25, 1983 to December 15, 1983.



# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 483

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H.P. 300

House of Representatives, February 7, 2023

**An Act to Amend the Laws Governing Retirement Benefit  
Reductions for Certain Employees Currently Included in the 1998  
Special Plan**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in cursive script that reads "Robert B. Hunt".

ROBERT B. HUNT  
Clerk

Presented by Representative PLUECKER of Warren.  
Cosponsored by President JACKSON of Aroostook and  
Representatives: LOOKNER of Portland, MILLIKEN of Blue Hill, ROEDER of Bangor,  
SALISBURY of Westbrook, Senators: BEEBE-CENTER of Knox, TIPPING of Penobscot.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. Computation of service retirement benefits for certain employees**  
3 **of the Department of Corrections.** Notwithstanding the Maine Revised Statutes, Title  
4 5, section 17851-A, subsection 4 or any other provision of law to the contrary, the service  
5 retirement benefit of a qualified member must be computed on the basis of all of the  
6 qualified member's creditable service in the capacity specified in Title 5, section 17851-A,  
7 subsection 1, paragraph I, regardless of when that creditable service was earned, except  
8 that for a member qualifying for a retirement benefit under Title 5, section 17851-A,  
9 subsection 2, paragraph B:

10 1. If the member had 10 years of creditable service on July 1, 1993, the benefit must  
11 be reduced as provided in Title 5, section 17852, subsection 3, paragraphs A and B for each  
12 year the member's age precedes 55 years of age; or

13 2. If the member had fewer than 10 years of creditable service on July 1, 1993, the  
14 benefit must be reduced by 6% for each year that the member's age precedes 55 years of  
15 age.

16 **Sec. 2. Qualified member; definition.** As used in this Act, "qualified member"  
17 means a member on the effective date of this Act to whom the Maine Revised Statutes,  
18 Title 5, section 17851-A, subsection 1, paragraph I applies and who:

19 1. Was employed by the Department of Corrections prior to January 1, 2000; and

20 2. Notwithstanding Title 5, section 17851-A, subsection 1, paragraph E, on the  
21 effective date of this Act is employed in a position with the title of:

22 A. Director or chief of security;

23 B. Correctional captain or lieutenant;

24 C. Corrections unit manager;

25 D. Chief correctional industries manager or correctional industries manager;

26 E. Correctional building maintenance supervisor, correctional electrician supervisor or  
27 correctional maintenance mechanic;

28 F. Chief corrections firearms instructor; or

29 G. Juvenile facilities operations supervisor or juvenile program manager.

30 As used in this Act, the terms "creditable service," "member" and "retirement benefit"  
31 have the same meanings as in Title 5, section 17001.

## 32 **SUMMARY**

33 This bill requires that service retirement benefits for certain employees of the  
34 Department of Corrections who are included in the 1998 Special Plan as of the effective  
35 date of the bill and who were employed prior to January 1, 2000 be computed on the same  
36 basis as benefits for other members under the plan are computed; creditable service is  
37 included regardless of when that service was earned.



# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 610

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H.P. 387

House of Representatives, February 14, 2023

**An Act to Expand the 1998 Special Retirement Plan to Include  
Employees Who Work for the Office of Chief Medical Examiner**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

*Robert B. Hunt*  
ROBERT B. HUNT  
Clerk

Presented by Representative HASENFUS of Readfield.  
Cosponsored by Senator HICKMAN of Kennebec.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 5 MRSA §17851-A, sub-§1, ¶P**, as amended by PL 2021, c. 474, §4, is  
3 further amended to read:

4 P. Detectives in the employment of the Office of the Attorney General on July 1, 2020  
5 who elect to participate in the 1998 Special Plan or hired thereafter; ~~and~~

6 **Sec. 2. 5 MRSA §17851-A, sub-§1, ¶Q**, as enacted by PL 2021, c. 474, §5, is  
7 amended to read:

8 Q. Civilian employees whose job responsibilities include the handling, examination or  
9 analysis of digital or physical evidence in the employment of the Department of Public  
10 Safety, Maine State Police Crime Laboratory or computer crimes unit on October 1,  
11 2021 who elect to participate in the 1998 Special Plan or hired thereafter; and

12 **Sec. 3. 5 MRSA §17851-A, sub-§1, ¶R** is enacted to read:

13 R. Employees of the Office of Chief Medical Examiner within the Department of the  
14 Attorney General on July 1, 2022 or hired thereafter.

15 **Sec. 4. 5 MRSA §17851-A, sub-§2**, as amended by PL 2021, c. 474, §6, is further  
16 amended to read:

17 **2. Qualification for benefits.** A member employed in any one or a combination of  
18 the capacities specified in subsection 1 after June 30, 1998 and before September 1, 2002  
19 for employees identified in subsection 1, paragraphs A and B; after June 30, 1998 for  
20 employees identified in subsection 1, paragraphs C to H; after December 31, 1999 for  
21 employees identified in subsection 1, paragraphs I to K; any employee identified in  
22 subsection 1, paragraph M; after June 30, 2020 for employees identified in subsection 1,  
23 paragraphs N to P; after September 30, 2021 for employees identified in subsection 1,  
24 paragraph Q; any employee identified in subsection 1, paragraph R; and any employee  
25 identified in subsection 1, paragraph L, qualifies for a service retirement benefit if that  
26 member either:

27 A. Is at least 55 years of age and has completed at least 10 years of creditable service  
28 under the 1998 Special Plan in any one or a combination of the capacities; or

29 B. Has completed at least 25 years of creditable service in any one or a combination  
30 of the capacities specified in subsection 1, whether or not the creditable service  
31 included in determining that the 25-year requirement has been met was earned under  
32 the 1998 Special Plan or prior to its establishment.

33 **Sec. 5. 5 MRSA §17851-A, sub-§3, ¶A**, as amended by PL 2021, c. 474, §7, is  
34 further amended by amending subparagraph (1) to read:

35 (1) Service credit purchased by repayment of an earlier refund of accumulated  
36 contributions following termination of service is included only to the extent that  
37 time to which the refund relates was served after June 30, 1998 and before  
38 September 1, 2002 for employees identified in subsection 1, paragraphs A and B;  
39 after June 30, 1998 for employees identified in subsection 1, paragraphs C to H;  
40 after December 31, 1999 for employees identified in subsection 1, paragraphs I to  
41 K; after June 30, 2020 for employees identified in subsection 1, paragraphs N to P;  
42 and after September 30, 2021 for employees identified in subsection 1, paragraph

1 Q in any one or a combination of the capacities specified in subsection 1. Service  
2 credit may be purchased for service by an employee identified in subsection 1,  
3 paragraphs L ~~and~~ M and R regardless of when performed; and

4 **Sec. 6. 5 MRSA §17851-A, sub-§4, ¶A**, as amended by PL 2021, c. 474, §8, is  
5 further amended to read:

6 A. If all of the member's creditable service in any one or a combination of the  
7 capacities specified in subsection 1 was earned after June 30, 1998 and before  
8 September 1, 2002 for employees identified in subsection 1, paragraphs A and B; after  
9 June 30, 1998 for employees identified in subsection 1, paragraphs C to H; after  
10 December 31, 1999 for employees identified in subsection 1, paragraphs I to K; after  
11 December 31, 2001 for employees identified in subsection 1, paragraph L; after June  
12 30, 2002 for employees identified in subsection 1, paragraph M; after June 30, 2020  
13 for employees identified in subsection 1, paragraphs N to P; ~~and~~ after September 30,  
14 2021 for employees identified in subsection 1, paragraph Q; and after June 30, 2022  
15 for employees identified in subsection 1, paragraph R; if service credit was purchased  
16 by repayment of an earlier refund of accumulated contributions for service in any one  
17 or a combination of the capacities specified in subsection 1 after June 30, 1998 and  
18 before September 1, 2002 for employees identified in subsection 1, paragraphs A and  
19 B; after June 30, 1998 for employees identified in subsection 1, paragraphs C to H;  
20 after December 31, 1999 for employees identified in subsection 1, paragraphs I to K;  
21 after December 31, 2001 for employees identified in subsection 1, paragraph L; after  
22 June 30, 2002 for employees identified in subsection 1, paragraph M; after June 30,  
23 2020 for employees identified in subsection 1, paragraphs N to P; ~~and~~ after September  
24 30, 2021 for employees identified in subsection 1, paragraph Q; and after June 30, 2022  
25 for employees identified in subsection 1, paragraph R; or if service credit was  
26 purchased by other than the repayment of an earlier refund and eligibility to make the  
27 purchase of the service credit, including, but not limited to, service credit for military  
28 service, was achieved after June 30, 1998 and before September 1, 2002 for employees  
29 identified in subsection 1, paragraphs A and B; after June 30, 1998 for employees  
30 identified in subsection 1, paragraphs C to H; after December 31, 1999 for employees  
31 identified in subsection 1, paragraphs I to K; after December 31, 2001 for employees  
32 identified in subsection 1, paragraph L; after June 30, 2002 for employees identified in  
33 subsection 1, paragraph M; after June 30, 2020 for employees identified in subsection  
34 1, paragraphs N to P; ~~and~~ after September 30, 2021 for employees identified in  
35 subsection 1, paragraph Q; and after June 30, 2022 for employees identified in  
36 subsection 1, paragraph R, the benefit must be computed as provided in section 17852,  
37 subsection 1, paragraph A.

38 (1) If the member had 10 years of creditable service on July 1, 1993, the benefit  
39 under subsection 2, paragraph B must be reduced as provided in section 17852,  
40 subsection 3, paragraphs A and B.

41 (2) If the member had fewer than 10 years of creditable service on July 1, 1993,  
42 the benefit under subsection 2, paragraph B must be reduced by 6% for each year  
43 that the member's age precedes 55 years of age.

44 **Sec. 7. 5 MRSA §17851-A, sub-§4, ¶B**, as amended by PL 2021, c. 474, §9, is  
45 further amended to read:

1 B. Except as provided in paragraphs D, E ~~and~~, F ~~and~~ G, if some part of the member's  
2 creditable service in any one or a combination of the capacities specified in subsection  
3 1 was earned before July 1, 1998 for employees identified in subsection 1, paragraphs  
4 A to H; before January 1, 2000 for employees identified in subsection 1, paragraphs I  
5 to K; before January 1, 2002 for employees identified in subsection 1, paragraph L;  
6 before July 1, 2002 for employees identified in subsection 1, paragraph M; before July  
7 1, 2020 for employees identified in subsection 1, paragraphs N to P; ~~and~~ before October  
8 1, 2021 for employees identified in subsection 1, paragraph Q; and before July 1, 2022  
9 for employees identified in subsection 1, paragraph R and some part of the member's  
10 creditable service in any one or a combination of the capacities specified in subsection  
11 1 was earned after June 30, 1998 and before September 1, 2002 for employees  
12 identified in subsection 1, paragraphs A and B; after June 30, 1998 for employees  
13 identified in subsection 1, paragraphs C to H; after December 31, 1999 for employees  
14 identified in subsection 1, paragraphs I to K; after December 31, 2001 for employees  
15 identified in subsection 1, paragraph L; after June 30, 2002 for employees identified in  
16 subsection 1, paragraph M; after June 30, 2020 for employees identified in subsection  
17 1, paragraphs N to P; ~~and~~ after September 30, 2021 for employees identified in  
18 subsection 1, paragraph Q; and after June 30, 2022 for employees identified in  
19 subsection 1, paragraph R, then the member's service retirement benefit must be  
20 computed in segments and the amount of the member's service retirement benefit is the  
21 sum of the segments. The segments must be computed as follows:

22 (1) The segment or, if the member served in more than one of the capacities  
23 specified in subsection 1 and the benefits related to the capacities are not  
24 interchangeable under section 17856, segments that reflect creditable service  
25 earned before July 1, 1998 for employees identified in subsection 1, paragraphs A  
26 to H; before January 1, 2000 for employees identified in subsection 1, paragraphs  
27 I to K; before January 1, 2002 for employees identified in subsection 1, paragraph  
28 L; before July 1, 2002 for employees identified in subsection 1, paragraph M;  
29 before July 1, 2020 for employees identified in subsection 1, paragraphs N to P;  
30 ~~and~~ before October 1, 2021 for employees identified in subsection 1, paragraph Q;  
31 and before July 1, 2022 for employees identified in subsection 1, paragraph R or  
32 purchased by repayment of an earlier refund of accumulated contributions for  
33 service before July 1, 1998, for employees identified in subsection 1, paragraphs  
34 A to H; before January 1, 2000 for employees identified in subsection 1, paragraphs  
35 I to K; before January 1, 2002 for employees identified in subsection 1, paragraph  
36 L; before July 1, 2002 for employees identified in subsection 1, paragraph M;  
37 before July 1, 2020 for employees identified in subsection 1, paragraphs N to P;  
38 ~~and~~ before October 1, 2021 for employees identified in subsection 1, paragraph Q;  
39 and before July 1, 2022 for employees identified in subsection 1, paragraph R in a  
40 capacity or capacities specified in subsection 1 or purchased by other than the  
41 repayment of a refund and eligibility to make the purchase of the service credit,  
42 including, but not limited to, service credit for military service, was achieved  
43 before July 1, 1998 for employees identified in subsection 1, paragraphs A to H;  
44 before January 1, 2000 for employees identified in subsection 1, paragraphs I to K;  
45 before January 1, 2002 for employees identified in subsection 1, paragraph L;  
46 before July 1, 2002 for employees identified in subsection 1, paragraph M; before  
47 July 1, 2020 for employees identified in subsection 1, paragraphs N to P; ~~and~~ before



1 October 1, 2021 for employees identified in subsection 1, paragraph Q; and before  
2 July 1, 2022 for employees identified in subsection 1, paragraph R, must be  
3 computed under section 17852, subsection 1, paragraph A. If the member is  
4 qualified under subsection 2, paragraph B and:

5 (a) Had 10 years of creditable service on July 1, 1993, the amount of the  
6 segment or segments must be reduced as provided in section 17852, subsection  
7 3, paragraphs A and B; or

8 (b) Had fewer than 10 years of creditable service on July 1, 1993, the amount  
9 of the segment or segments must be reduced as provided in section 17852,  
10 subsection 3-A; and

11 (2) The segment that reflects creditable service earned after June 30, 1998 and  
12 before September 1, 2002 for employees identified in subsection 1, paragraphs A  
13 and B; after June 30, 1998 for employees identified in subsection 1, paragraphs C  
14 to H; after December 31, 1999 for employees identified in subsection 1, paragraphs  
15 I to K; after December 31, 2001 for employees identified in subsection 1, paragraph  
16 L; after June 30, 2002 for employees identified in subsection 1, paragraph M; after  
17 June 30, 2020 for employees identified in subsection 1, paragraphs N to P; ~~and~~  
18 after September 30, 2021 for employees identified in subsection 1, paragraph Q; and  
19 and after June 30, 2022 for employees identified in subsection 1, paragraph R or  
20 purchased by repayment of an earlier refund of accumulated contributions for  
21 service after June 30, 1998 and before September 1, 2002 for employees identified  
22 in subsection 1, paragraphs A and B; after June 30, 1998 for employees identified  
23 in subsection 1, paragraphs C to H; after December 31, 1999 for employees  
24 identified in subsection 1, paragraphs I to K; after December 31, 2001 for  
25 employees identified in subsection 1, paragraph L; after June 30, 2002 for  
26 employees identified in subsection 1, paragraph M; after June 30, 2020 for  
27 employees identified in subsection 1, paragraphs N to P; ~~and~~ after September 30,  
28 2021 for employees identified in subsection 1, paragraph Q; and after June 30,  
29 2022 for employees identified in subsection 1, paragraph R in any one or a  
30 combination of the capacities specified in subsection 1, or purchased by other than  
31 the repayment of a refund and eligibility to make the purchase of the service credit,  
32 including, but not limited to, service credit for military service, was achieved after  
33 June 30, 1998 and before September 1, 2002 for employees identified in subsection  
34 1, paragraphs A and B; after June 30, 1998 for employees identified in subsection  
35 1, paragraphs C to H; after December 31, 1999 for employees identified in  
36 subsection 1, paragraphs I to K; after December 31, 2001 for employees identified  
37 in subsection 1, paragraph L; after June 30, 2002 for employees identified in  
38 subsection 1, paragraph M; after June 30, 2020 for employees identified in  
39 subsection 1, paragraphs N to P; ~~and~~ after September 30, 2021 for employees  
40 identified in subsection 1, paragraph Q; and after June 30, 2022 for employees  
41 identified in subsection 1, paragraph R must be computed under section 17852,  
42 subsection 1, paragraph A. If the member is qualified under subsection 2,  
43 paragraph B and:

44 (a) Had 10 years of creditable service on July 1, 1993, the segment amount  
45 must be reduced in the manner provided in section 17852, subsection 3,

1 paragraphs A and B for each year that the member's age precedes 55 years of  
2 age; or

3 (b) Had fewer than 10 years of creditable service on July 1, 1993, the segment  
4 amount must be reduced by 6% for each year that the member's age precedes  
5 55 years of age.

6 **Sec. 8. 5 MRSA §17851-A, sub-§4, ¶G** is enacted to read:

7 G. The service retirement benefit of a member to whom subsection 1, paragraph R  
8 applies and who qualifies for service retirement benefits under subsection 2 must be  
9 computed under section 17852, subsection 1, paragraph A on the basis of all of the  
10 member's creditable service in the capacity specified in subsection 1, paragraph R,  
11 regardless of when that creditable service was earned, except that for a member  
12 qualifying under subsection 2, paragraph B:

13 (1) If the member had 10 years of service on July 1, 1993, the benefit must be  
14 reduced as provided in section 17852, subsection 3, paragraphs A and B for each  
15 year the member's age precedes 55 years of age; or

16 (2) If the member had fewer than 10 years of creditable service on July 1, 1993,  
17 the benefit must be reduced by 6% for each year that the member's age precedes  
18 55 years of age.

19 **Sec. 9. 5 MRSA §17851-A, sub-§5**, as amended by PL 2021, c. 474, §10, is further  
20 amended to read:

21 **5. Contributions.** Notwithstanding any other provision of subchapter 3, after June  
22 30, 1998 and before September 1, 2002 for employees identified in subsection 1,  
23 paragraphs A and B; after June 30, 1998 for employees identified in subsection 1,  
24 paragraphs C to H; after December 31, 1999 for employees identified in subsection 1,  
25 paragraphs I to K; after December 31, 2001 for employees identified in subsection 1,  
26 paragraph L; after June 30, 2002 for employees identified in subsection 1, paragraph M;  
27 after June 30, 2020 for employees identified in subsection 1, paragraphs N to P; and after  
28 September 30, 2021 for employees identified in subsection 1, paragraph Q; and after June  
29 30, 2022 for employees identified in subsection 1, paragraph R, a member in the capacities  
30 specified in subsection 1 must contribute to the State Employee and Teacher Retirement  
31 Program or have pick-up contributions made at the rate of 8.65% of earnable compensation  
32 until the member has completed 25 years of creditable service as provided in this section  
33 and at the rate of 7.65% thereafter.

## 34 SUMMARY

35 This bill provides that the 1998 Special Retirement Plan of the Maine Public  
36 Employees Retirement System applies to employees in the employment of the Office of  
37 Chief Medical Examiner within the Department of the Attorney General. It also provides  
38 that the service retirement benefit for an employee in the office must be computed on the  
39 basis of all of the member's creditable service, regardless of when that service was earned.



# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 635

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H.P. 412

House of Representatives, February 14, 2023

**An Act to Allow a Retired Law Enforcement Officer to Serve as a  
School Resource Officer Without Affecting That Officer's  
Retirement Benefits**

(EMERGENCY)

---

Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in cursive script that reads "R. B. Hunt".

ROBERT B. HUNT  
Clerk

Presented by Representative CARLOW of Buxton.

Cosponsored by Representatives: BOYER of Poland, COLLAMORE of Pittsfield, GRIFFIN of  
Levant, NESS of Fryeburg, POIRIER of Skowhegan, THORNE of Carmel.





# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 733

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S.P. 291

In Senate, February 16, 2023

**An Act to Require an Annual Itemized Statement of Benefits for  
Public Employees and Retirees**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in black ink, appearing to read 'D M Grant'.

DAREK M. GRANT  
Secretary of the Senate

Presented by Senator POULIOT of Kennebec.  
Cosponsored by Senator: KEIM of Oxford.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 5 MRSA §19-C** is enacted to read:

3 **§19-C. Public employer and Maine Public Employees Retirement System to provide**  
4 **annual employee benefits statement**

5 **1. Definitions.** As used in this section, unless the context otherwise indicates, the  
6 following terms have the following meanings.

7 A. "Employee benefits" includes, but is not limited to, salary or wages, health insurance  
8 and compensated leave such as vacation, holiday and sick leave.

9 B. "Retirement system" has the same meaning as in section 17001, subsection 36.

10 **2. Public employer to provide employee with annual employee benefits statement.**  
11 Beginning January 1, 2024 and annually thereafter, a public employer shall provide to each  
12 public employee, both electronically and by mail, the following information covering the  
13 preceding fiscal year as it applies to that individual public employee:

14 A. An itemized statement of all employee benefits the employee or retiree accrued or  
15 received;

16 B. An itemized statement of all pension benefits the employee or retiree accrued or  
17 received;

18 C. The total amount of employer contributions made from funds appropriated by the  
19 Legislature to the retirement system; and

20 D. The total amount of employer contributions made from funds appropriated by the  
21 Legislature to the applicable health insurance plan, including the group health plan as  
22 described in chapter 13, subchapter 2.

23 **3. Responsibility of administering annual employee benefits statement.** Each  
24 public employer is responsible for administering the annual employee benefits statement  
25 described in subsection 2. The public employer shall coordinate with the entities  
26 responsible for administering the employee benefits.

27 **4. Duties of retirement system.** The retirement system shall provide public employers  
28 with the information required in subsection 2 if necessary. The retirement system shall  
29 provide to retirees the information in subsection 2, paragraphs A to D.

30 **Sec. 2. 5 MRSA §17103, sub-§15** is enacted to read:

31 **15. Create online dashboard for member use.** The board shall create and display  
32 on a publicly accessible website a dashboard for a member to use that will calculate, based  
33 on data provided by the member related to the member's average monthly expenses, how  
34 much money the member needs in retirement benefits to provide for the member's average  
35 monthly expenses. The dashboard must include a provision that accounts for an inflation  
36 increase of 3%.

37 **SUMMARY**

38 This bill requires a public employer to provide to public employees and the Maine  
39 Public Employees Retirement System to provide to retirees an annual statement that  
40 includes the following:

- 1           1. Employee benefits the employee or retiree accrued or received;
- 2           2. All pension benefits the employee or retiree accrued or received;
- 3           3. The total amount of employer contributions made from funds appropriated by the
- 4           Legislature to the retirement system; and
- 5           4. The total amount of employer contributions made from funds appropriated by the
- 6           Legislature to the applicable health insurance plan.
- 7           The bill also requires the Maine Public Employees Retirement System board of trustees
- 8           to create and display on a publicly accessible website a dashboard for a member to use to
- 9           calculate the member's retirement needs.



# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 742

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S.P. 300

In Senate, February 16, 2023

### **An Act to Divest State Pensions from Companies Boycotting Maine Lobster**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in black ink, appearing to read 'D M Grant'.

DAREK M. GRANT  
Secretary of the Senate

Presented by Senator BRAKEY of Androscoggin.  
Cosponsored by Representative FAULKINGHAM of Winter Harbor and  
Senators: KEIM of Oxford, MOORE of Washington.



1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 5 MRSA §1959** is enacted to read:

3 **§1959. Companies that boycott Maine lobster**

4 **1. Definitions.** As used in this section, unless the context otherwise indicates, the  
5 following terms have the following meanings.

6 A. "Board" has the same meaning as in section 17001, subsection 7.

7 B. "Boycotting company" means any corporation or company that trades in lobsters  
8 and that has publicly stated it will not trade in lobsters caught in Maine waters, whether  
9 by not purchasing, not selling or otherwise not trading in such Maine lobsters, or caught  
10 by any person licensed by the Department of Marine Resources to fish for, take or catch  
11 lobsters.

12 C. "Retirement system" means the Maine Public Employees Retirement System.

13 **2. Board may not invest.** The board, in accordance with sound investment criteria  
14 and consistent with fiduciary obligations, may not invest the assets of the retirement system  
15 in any stocks, securities or other obligations of any boycotting company. Nothing in this  
16 subsection precludes de minimis exposure of any funds held by the board to the stocks,  
17 securities or other obligations of any boycotting company.

18 **3. Board to divest.** The board shall review the extent to which the assets of the  
19 retirement system are invested in any stocks, securities or other obligations of any  
20 boycotting company and shall, in accordance with sound investment criteria and consistent  
21 with fiduciary obligations, divest any such holdings. Nothing in this subsection precludes  
22 de minimis exposure of any funds held by the board to the stocks, securities or other  
23 obligations of any boycotting company.

24 **SUMMARY**

25 This bill requires the Board of Trustees of the Maine Public Employees Retirement  
26 System to divest any stocks, securities or other obligations of any corporation or company  
27 that trades in lobsters and that has publicly stated it will not trade in lobsters caught in  
28 Maine waters, whether by not purchasing, not selling or otherwise not trading in such  
29 Maine lobsters, or caught by any person licensed by the Department of Marine Resources  
30 to fish for, take or catch lobsters.



# 131st MAINE LEGISLATURE

## FIRST REGULAR SESSION-2023

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Legislative Document

No. 882

H.P. 548

House of Representatives, February 24, 2023

**An Act to Allow Nonmunicipal Emergency Medical Services  
Providers to Be Considered State Employees for Purposes of  
Certain Benefits**

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Reference to the Committee on Labor and Housing suggested and ordered printed.

A handwritten signature in cursive script that reads "Robert B. Hunt".

ROBERT B. HUNT  
Clerk

Presented by Representative SALISBURY of Westbrook.  
Cosponsored by Senator CURRY of Waldo and  
Representatives: GERE of Kennebunkport, ROEDER of Bangor, Speaker TALBOT ROSS of  
Portland.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 5 MRSA §285, sub-§1, ¶K**, as amended by PL 2019, c. 424, §2, is further  
3 amended to read:

4 K. Any employee of a school administrative unit as defined in Title 20-A, section 1,  
5 subsection 26 or of an educational advisory organization as described in Title 30-A,  
6 section 5724, subsection 9; ~~and~~

7 **Sec. 2. 5 MRSA §285, sub-§1, ¶L**, as enacted by PL 2019, c. 424, §3, is amended  
8 to read:

9 L. Any employee of an academy approved for tuition purposes in accordance with  
10 Title 20-A, sections 2951 to 2955; ~~and~~

11 **Sec. 3. 5 MRSA §285, sub-§1, ¶M** is enacted to read:

12 M. Any emergency medical services person, as defined in Title 32, section 83,  
13 subsection 12, employed by an ambulance service or nontransporting emergency  
14 medical service licensed in accordance with Title 32, section 86.

15 **Sec. 4. 5 MRSA §17001, sub-§19, ¶F**, as amended by PL 2011, c. 657, Pt. I, §1,  
16 is further amended to read:

17 F. Any educational institution in the State teaching courses equivalent to or higher  
18 than secondary institutions; ~~or~~

19 **Sec. 5. 5 MRSA §17001, sub-§19, ¶G**, as enacted by PL 2011, c. 657, Pt. I, §2, is  
20 amended to read:

21 G. Any public charter school, as authorized by Title 20-A, chapter 112; ~~or~~

22 **Sec. 6. 5 MRSA §17001, sub-§19, ¶H** is enacted to read:

23 H. An ambulance service or nontransporting emergency medical service licensed in  
24 accordance with Title 32, section 86 with respect to its employees who are emergency  
25 medical services persons as defined in Title 32, section 83, subsection 12.

26 **SUMMARY**

27 This bill allows an ambulance service or nontransporting emergency medical service  
28 to participate in the State's Participating Local District Consolidated Retirement Plan as a  
29 local district so that its employees who are emergency medical services providers may  
30 receive state retirement benefits, death benefits and disability retirement benefits. The bill  
31 also allows these employees to be eligible for the state group health plan.

February 7, 2023

Senator Michael Tipping, Senate Chair  
Representative Amy Roeder, House Chair  
Members, Joint Standing Committee on Labor and Housing  
100 State House Station  
Augusta, ME 04333-0100

Senator Margaret Rotundo, Senate Chair  
Representative Melanie Sachs, House Chair  
Members, Joint Standing Committee on Appropriations and Financial Affairs  
5 State House Station  
Augusta, ME 04333-0005

Dear Senator Tipping, Representative Roeder, and Members of the Committee on Labor and Housing; Senator Rotundo, Representative Sachs, and Members of the Committee on Appropriations and Financial Affairs:

Please accept the Maine Public Employees Retirement System's (MainePERS) report prepared in response to 5 M.R.S. § 17760(6), which requires MainePERS to submit information annually to the Legislature regarding military service credit purchase requests received from certain categories of members.

Under Maine law, eligible members may purchase military service credit toward increasing their total service credit and thus increasing their overall retirement benefit. There are two methods by which the cost to purchase military service credit is calculated. Under one method, the member is required to pay only the member contributions related to the time being purchased. The remainder of the cost, that is, the difference between the cost the member must pay and the full actuarial cost of the additional service credit, is added to the liabilities of the plan. This is commonly referred to as paying a "subsidized rate." Under the second method, the member pays the full actuarial cost associated with the additional service credit. The purchase of military service credit by a member under this alternative results in no costs to the plan.

In accordance with 5 M.R.S. § 17760(3)(A)(3), recipients of specific military awards and medals may purchase military service credit to be used toward a retirement benefit at a subsidized cost only if MainePERS has received an appropriation in the amount of the difference between the actuarial cost of that member's military service credit and the subsidized amount that would be paid by the member under 5 M.R.S. § 17713(2).

Title 5 M.R.S. § 17760(6)(A) requires MainePERS to report the following information annually to the Legislature:

- (1) The amount, if any, in the account maintained for the purposes of this subsection;
- (2) The cost to subsidize the purchase of service credit under this subsection for members who applied and were determined eligible in the calendar year immediately preceding the report; and

- (3) The cost to subsidize the purchase of service credit under this subsection for members who applied and were determined eligible in each of the calendar years before the immediately preceding calendar year for which full appropriations were not made.

The following chart provides information regarding requests and associated costs for members who have been found eligible to purchase military service credit, contingent upon the required appropriation, who have not yet made the purchase.

Calendar Year	Number of Requests	Subsidy Cost
2016	1	\$ 88,024.15
2018	2	\$ 81,028.45
2020	2	\$ 142,240.51
<b>Total</b>	<b>5</b>	<b>\$ 311,293.11</b>

<b>Total Subsidy Cost</b>	\$ 311,293.11
<b>Beginning Account Balance</b>	(\$ 30,541.30)
<b>Remaining Subsidy Cost</b>	\$ 280,751.81

The beginning account balance stated above includes funds appropriated in the FYs 2016-2017 biennial budget for members determined to be eligible for this subsidy. (P.L. 2015, c. 267, Pt. A, §A-63.) Some of those members subsequently declined to purchase their military service credit or were found eligible to complete the purchase without the subsidy, and the funds have remained in the account.

The following chart provides information regarding the history of the funding of subsidized military service purchases under 5 M.R.S. § 17760(6).

Date	Amount Appropriated	Covered Members
FY 2009-10	\$ 55,600	2*
FY 2011-12	\$ 116,617	1
FY 2013-14	\$ 282,404	3
FY 2015-16	\$ 98,983	2*
FY 2016-17	\$ 262,893	3*
<b>Total</b>	<b>\$ 816,497</b>	<b>11</b>

\*Some members for whom funds were appropriated did not complete the purchase or were found eligible to complete the purchase without the subsidy.

Please let us know if you have any questions about this report.

Sincerely,



Kathy J. Morin  
Director, Actuarial and Legislative Affairs

cc: Dr. Rebecca M. Wyke, Chief Executive Officer  
Michael J. Colleran, Chief Operating Officer and General Counsel  
Rachel Tremblay, Office of Fiscal and Program Review  
Maureen Dawson, Office of Fiscal and Program Review  
Steven Langlin, Office of Policy and Legal Analysis