

# VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

## BOARD OF RETIREMENT

### DISABILITY & BUSINESS MEETING

OCTOBER 23, 2023

#### AGENDA

**PLACE:** Ventura County Employees' Retirement Association  
Second Floor, Boardroom  
1190 S. Victoria Avenue, Suite 200  
Ventura, CA 93003

*The public may listen to the Public Session and offer comments by calling: +1 669-219-2599, using Meeting ID: 859-6728-4197. Persons may also submit written comments to [publiccomment@vcera.org](mailto:publiccomment@vcera.org) prior to and during the Board meeting. Please include your name, agenda item, the last 4 numbers of the telephone number that will be used to call in, and your comment. Public comment emails will be read into the record or summarized if lengthy.*

The Board may take action on any item on the agenda, and agenda items may be taken out of order.

**TIME:** 9:00 a.m.

**ITEM:**

**I. CALL TO ORDER**

- A. Roll Call.
- B. Oath of Office to be Administered to Tommie Joe, Anthony Rainey, and Donald Brodt.

**II. APPROVAL OF AGENDA**

**III. CONSENT AGENDA**

*Notice: Any item appearing on the Consent Agenda may be moved to the Regular Agenda at the request of any Trustee who would like to propose changes to or have discussion on the item.*

- A. Approve Regular and Deferred Retirements and Survivors Continuances for the Month of September 2023.
- B. Receive and File Pending Disability Application Status Report.
- C. Approve Board Retreat & Business Meeting Minutes of September 25, 2023.
- D. Receive and File Interim Retirement Administrator's 3<sup>rd</sup> Quarter 2023 Report.
- E. Receive and File Chief Investment Officer's 3<sup>rd</sup> Quarter 2023 Investment Activity Report.

**IV. APPLICATIONS FOR DISABILITY RETIREMENT**

- A. Application for Service-connected Disability Retirement—Barry, Jeffrey; Case No. 18-005. (Old Model)

IV. **APPLICATIONS FOR DISABILITY RETIREMENT (continued)**

1. Proposed Findings of Fact, Conclusions of Law and Recommended Decision to Grant the Application for Service-connected Disability Retirement, filed by Hearing Officer Humberto Flores, dated June 9, 2023.
  2. County of Ventura-Risk Management's Objections to the Hearing Officer's Report, filed by Stephen Roberson, Attorney for Respondent, dated June 16, 2023.
  3. Applicant's Response to Objections, filed by Thomas Wicke, Applicant's Attorney, dated July 5, 2023.
  4. Application for Service-connected Disability Retirement, filed by Applicant, dated March 8, 2018.
  5. Hearing Notice, dated July 25, 2023.
- B. Application for Service-connected Disability Retirement—Watson, Douglas; Case No. 18-007. (Old Model) (Fire)
1. Employer's Statement of Position, submitted by County of Ventura-Risk Management, in support of the Application for Service-connected Disability Retirement, dated August 16, 2023.
  2. Addendum to Employer's Statement of Position, dated September 1, 2023.
  3. Staff's Response to Statement of Position, dated August 28, 2023.
  4. Supporting Documentation for Employer's Statement of Position.
  5. Application for Service-connected Disability Retirement, filed by Thomas Wicke, Attorney for Applicant, dated March 21, 2018.
  6. Hearing Notice, dated September 27, 2023.
- C. Application for Service-connected Disability Retirement—Solace, Stephanie; Case No. 20-021. (New Model)
1. Staff Memo Regarding Suspended Hearing and Final Recommendation, dated October 23, 2023.
  2. Revised Staff Recommendation to Grant the Application for Service-connected Disability Retirement, dated October 2, 2023.
  3. Supporting Documentation for Staff Recommendation.
  4. Employer's Medical Evaluation Report, Dr. William Bolling, dated August 9, 2023.
  5. County of Ventura-Risk Management's Objection to Staff's Preliminary Recommendation, dated April 14, 2022.
  6. Application for Service-connected Disability Retirement, filed by Applicant, dated October 20, 2020.

IV. **APPLICATIONS FOR DISABILITY RETIREMENT (continued)**

7. Hearing Notice, dated September 28, 2023.
- D. Application for Nonservice-connected and Service-connected Disability Retirement—Nunez, Deanna; Case No. 21-024. (New Model)
1. Staff Recommendation to Grant the Application for Nonservice-connected Disability Retirement, dated October 2, 2023.
  2. Applicant's Response to Staff Recommendation, filed by Diana Sparagna, Applicant's Attorney, dated August 23, 2023.
  3. Supporting Documentation for Staff Recommendation.
  4. Application for Nonservice-connected and Service-connected Disability Retirement, filed by Applicant's Attorney, Diana Sparagna, dated August 11, 2021.
  5. Hearing Notice, dated October 10, 2023.
- E. Application for Service-connected Disability Retirement—Ratner, Connie; Case No. 21-034. (New Model)
1. Staff Recommendation to Grant the Application for Service-connected Disability Retirement, dated October 9, 2023.
  2. Supporting Documentation for Staff Recommendation.
  3. Application for Service-connected Disability Retirement, filed by Applicant, dated October 20, 2021.
  4. Hearing Notice, dated October 10, 2023.

V. **INVESTMENT MANAGER PRESENTATIONS**

- A. Receive Annual Investment Presentation from Abbott Capital Management, Young Lee, Matthew Smith, and Arianna Merrill.
- B. Receive Annual Investment Presentation from Reams Asset Management, Clark W. Holland.
- C. Receive Annual Investment Presentation from Western Asset Management, Kevin P. Gore and Julien Scholnick.

VI. **INVESTMENT INFORMATION**

VCERA – Dan Gallagher, Chief Investment Officer.  
NEPC – Allan Martin and Rose Dean.  
Abbott -- Young Lee, Matthew Smith, and Arianna Merrill

- A. Annual Presentation by Abbott Capital Management and NEPC of CA Govt. Code Section 7514.7 Annual Report.

**RECOMMENDED ACTION: Receive and File.**

VI. **INVESTMENT INFORMATION** (continued)

B. \$25 Million Commitment to PIMCO Aviation Income Partners II.

**RECOMMENDED ACTION: Approve.**

1. Staff Letter from Chief Investment Officer.
2. Joint Fund Recommendation Report from NEPC.
3. PIMCO Aviation Income Partners II Presentation Deck, Preeyam Gandhi, Sean Hinze, Kevin Gray, Catharine Roddy.

C. Monthly Performance Report Month Ending September 30, 2023.

**RECOMMENDED ACTION: Receive and File.**

VII. **OLD BUSINESS**

A. Alameda Implementation Status Report.

**RECOMMENDED ACTION: Receive and File.**

VIII. **NEW BUSINESS**

A. SACRS Business/Legislative Package Fall 2023.

**RECOMMENDED ACTION: Support the Proposal Slate.**

1. Staff Letter from Interim Retirement Administrator.
2. SACRS Fall Conference Business Meeting Packet.

B. Presentation of Certificate to General Counsel, Lori Nemiroff for 30 Years of Service.

IX. **CLOSED SESSION**

A. Existing litigation pursuant to paragraph (1) of subdivision (d) of Section 54956.9: LACERA v. County of Los Angeles et al., Cal. Court of Appeal Second Appellate District Case No. B326977 (consider whether to enter as an amicus curiae).

X. **INFORMATIONAL**

A. SACRS Legislative Update – September 2023.

B. SACRS Legislative Update – October 2023.

C. Western Asset Management's Invitation to the 135th Rose Parade.

D. VCERA Board Self-Assessment Questionnaire for Governance Project.

XI. **PUBLIC COMMENT**

XII. **STAFF COMMENT**

XIII. **BOARD MEMBER COMMENT**

XIV. **ADJOURNMENT**

**VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION**  
**REPORT OF REGULAR AND DEFERRED RETIREMENTS AND SURVIVORS CONTINUANCES**

**September 2023**

FIRST NAME	LAST NAME	G/S	DATE OF MEMBERSHIP	BENEFIT SERVICE	D	DEPARTMENT	EFFECTIVE DATE
<b>REGULAR RETIREMENTS:</b>							
NANCY LEE	BALLARD	G	11/19/1995	31.48		HEALTH CARE AGENCY	08/05/2023
MARTIN E	COBOS	G	04/11/1993	30.10		COUNTY CLERK-RECORDER	09/03/2023
MICHAEL JOHN	ELSENBACH	S	08/04/2002	21.04		PROBATION AGENCY	08/16/2023
RICHARD JAMES	HEUSER	G	07/30/2006	16.60	*	HUMAN SERVICES AGENCY	08/02/2023
SUSAN JOYCE	HOWARD	G	01/28/2007	5.73	D	SHERIFF'S OFFICE	09/30/2023
SREELATHA	KURAPATI	G	02/22/2009	14.45		INFORMATION TECHNOLOGY SERVICES	09/02/2023
ALMA	LOTTINVILLE	G	02/12/1995	30.46		HUMAN SERVICES AGENCY	08/10/2023
CHRISTOPHER M	O'CONNOR	G	07/26/1998	20.94	D	HEALTH CARE AGENCY	08/09/2023
SACHA Z	PAMPALONE-STADLER	S	05/21/2006	14.42	*	D PROBATION AGENCY	06/14/2023
DANIMARIE	RANDAZZO	G	12/23/2012	10.63		HUMAN SERVICES AGENCY	08/16/2023
KIM MARIE	RHINEHEART	G	07/23/2001	20.66	D	HUMAN SERVICES AGENCY	08/31/2023
CATARINO	ROBLES	G	02/16/1992	29.68		PUBLIC WORKS AGENCY	08/05/2023
DEBRA MARIE O'BRIEN	RUIZ	G	07/05/2015	5.36	D	HEALTH CARE AGENCY	08/29/2023
PENELOPE	SALINGER	G	10/10/1993	15.75		COUNTY EXECUTIVE OFFICE	08/19/2023
ALLISON MARIE	SANFORD	G	07/16/2006	17.01		HUMAN SERVICES AGENCY	08/01/2023
FRED A	SEGURA	G	10/05/1986	36.79		HUMAN SERVICES AGENCY	08/01/2023
HEATHER A	SKOGERSON	G	11/26/2012	7.93		ANIMAL SERVICES	09/02/2023
MARLENE ESTHER	SPINDLE	G	11/26/2001	21.64		HEALTH CARE AGENCY	08/12/2023
DAVID G	VALENZUELA	G	07/31/1994	23.11		COUNTY CLERK-RECORDER	09/05/2023
DAVID IAN	WATTERSON	G	07/17/2016	7.09		HEALTH CARE AGENCY	09/01/2023
LINDA CAROL	WEBB	G	01/12/2015	8.60		EMPLOYEES' RETIREMENT ASSOCIATION	08/27/2023
<b>DEFERRED RETIREMENTS:</b>							
TAMMY ANN	ADKINS	G	04/30/2023	0.21		HEALTH CARE AGENCY	07/13/2023
JANELI	AGUAYO	G	06/27/2021	2.15		HEALTH CARE AGENCY	09/02/2023
SONIA T	ALCALA	G	06/26/2022	0.93		HEALTH CARE AGENCY	07/01/2023
NOAH CONARY	AMERAULT	G	11/01/2020	2.65		HEALTH CARE AGENCY	06/23/2023
MARIANNA G	ANAYA	G	07/30/2006	15.66		CHILD SUPPORT SERVICES	07/12/2023
THALIA NOEMI HARO	AVILA	G	12/08/2013	8.58		HUMAN SERVICES AGENCY	05/20/2023
JOHANNA MAE MOJAR	BLACKMAN	G	01/08/2023	0.46		HEALTH CARE AGENCY	07/11/2023
MITCHELL THOMAS	BREWER	G	08/26/2018	4.78		ANIMAL SERVICES	06/21/2023
ERICA MARIE	CAFFARINI	G	10/17/2021	1.26		HEALTH CARE AGENCY	06/21/2023
CLAUDIA CORINNA	CALDERON	G	11/08/2015	6.50		HUMAN SERVICES AGENCY	07/06/2023
SIMON S JR.	CHEUNG	S	09/01/2022	0.81		DEPARTMENT OF AIRPORTS	06/20/2023
MARISELA C	GAMEZ	G	03/26/2017	5.08		HEALTH CARE AGENCY	07/04/2023
ANAHI	GARCIA	G	07/25/2021	1.90		SUPERIOR COURT	06/17/2023
FRANCISCO	GARRIDO ORTIZ	G	11/13/2022	0.73		HEALTH CARE AGENCY	08/05/2023
BRENDA	GONZALEZ	G	05/14/2023	0.09		HEALTH CARE AGENCY	07/07/2023
JESSICA LOPEZ	GUTIERREZ	G	08/09/2020	2.88		SHERIFF'S OFFICE	06/26/2023
MARIA	HAINES	G	09/12/2022	0.78		TREASURER-TAX COLLECTOR	06/21/2023
IRIS AZUCENA	HAMMONDS	G	08/09/2009	11.04		CHILD SUPPORT SERVICES	07/13/2023
ALEJANDRO MARTIN	HERNANDEZ	G	01/10/2021	2.39		FIRE PROTECTION DISTRICT	07/01/2023
ESTEFANY BERENICE	LADES	G	10/25/2015	7.11		CHILD SUPPORT SERVICES	07/07/2023
JASMINE	LOPEZ	G	07/10/2022	1.00		HEALTH CARE AGENCY	07/08/2023
SARAH ELIZABETH	MARTIN	G	07/09/2023	0.01		HEALTH CARE AGENCY	07/13/2023
SARA BERNICE	MOORE	G	08/09/2020	2.83		HEALTH CARE AGENCY	07/07/2023
CYNTHIA	MORENO	G	11/14/2021	1.63		HEALTH CARE AGENCY	07/01/2023
TEO HOANG	NGUYEN	G	05/03/2020	3.15		AGING AREA AGENCY	07/08/2023
BRENDA J	OTERO	S	07/10/2022	0.96		PROBATION AGENCY	06/23/2023
CAROLINE SOMMERS	POORE	G	01/02/2011	10.97		DISTRICT ATTORNEY	06/17/2023
WALTER WILLIAM	REASON	G	04/02/2023	0.06		HUMAN SERVICES AGENCY	07/06/2023
JANETTE	RUIZ	G	06/25/2023	0.02		HEALTH CARE AGENCY	07/01/2023
ERWIN PARNINGOTAN	SIMANJUNTAK	G	10/16/2022	0.67		HEALTH CARE AGENCY	06/25/2023
ISRAEL	SOTO	G	02/05/2023	0.38		INFORMATION TECHNOLOGY SERVICES	06/23/2023
THOMASINA	STOUT	G	07/31/2005	17.15		HEALTH CARE AGENCY	07/11/2023
HANNAH MARIE	TAYLOR	G	12/12/2021	1.57		HEALTH CARE AGENCY	07/06/2023
JAYDEN MATTHEW	TISCARENO	G	05/15/2022	1.12		HEALTH CARE AGENCY	07/08/2023
JENNIFER ANN	TURNER	S	04/16/2014	8.41		SHERIFF'S OFFICE	06/21/2023
RAUL	ZAPATA SANSOREZ	G	03/19/2023	0.29		HEALTH CARE AGENCY	07/01/2023
SHELBY LYNN	ZEIDER	G	09/05/2021	1.83		HEALTH CARE AGENCY	07/01/2023
CAROLINA	ZERMENO	S	03/18/2012	10.93		PROBATION AGENCY	07/06/2023
JOHNNY	ZUNIGA III	G	04/17/2022	1.05		HEALTH CARE AGENCY	06/21/2023

**VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION  
REPORT OF REGULAR AND DEFERRED RETIREMENTS AND SURVIVORS CONTINUANCES**

**September 2023**

FIRST NAME	LAST NAME	G/S	DATE OF MEMBERSHIP	BENEFIT SERVICE	D	DEPARTMENT	EFFECTIVE DATE
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**SURVIVORS' CONTINUANCES:**

DIANA W	HOPKINS						
SELENA DIANE	MITCHELL						
PAUL A	THURMAN						

\* = Excludes reciprocal service or service from any previous retirements  
\*\* = Member establishing reciprocity  
G = General Member  
S = Safety Member  
D = Deferred Member

**VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION**  
**BOARD OF RETIREMENT**  
**BOARD RETREAT & BUSINESS MEETING**  
**SEPTEMBER 25, 2023**

**MINUTES**

**TRUSTEES**  
**PRESENT:**

Mike Sedell, Chair, Public Member  
Arthur E. Goulet, Vice-Chair, Retired Member  
Sue Horgan, Treasurer-Tax Collector  
Jordan Roberts, General Employee Member  
Cecilia Hernandez-Garcia, General Employee Member  
Kelly Long, Public Member  
Tommie E. Joe, Public Member  
Aaron Grass, Safety Employee Member  
Robert Ashby, Alternate Safety Employee Member

**TRUSTEES**  
**ABSENT:**

Will Hoag, Alternate Retired Member

**STAFF**  
**PRESENT:**

Rick Santos, Interim Retirement Administrator  
Amy Herron, Chief Operations Officer  
Lori Nemiroff, General Counsel  
Dan Gallagher, Chief Investment Officer  
La Valda Marshall, Chief Financial Officer  
Leah Oliver, Chief Technology Officer  
Josiah Vencel, Retirement Benefits Manager  
Brian Owen, Sr. Information Technology Specialist  
Michael Sanchez, Sr. Information Technology Specialist  
Chris Ayala, Program Assistant

**PLACE:**

Ventura Beach Marriott  
Emma Wood Ballroom  
2055 E. Harbor Blvd.  
Ventura, CA 93001

**TIME:**

9:00 a.m.

**ITEM:**

**I. INTRODUCTION & APPROVAL OF AGENDA**

Mike Sedell, Chair

A. Roll Call.

Chair Sedell called the Board Retreat & Business Meeting of September 25, 2023, to order at 9:03 a.m.

Roll Call:

Trustees Present: Robert Ashby, Aaron Grass, Art Goulet, Cecilia Hernandez-Garcia, Sue Horgan, Tommie Joe, Kelly Long, Mike Sedell

Trustees Absent: Will Hoag, Jordan Roberts

B. Approval of Agenda.

MOTION: Approve.

Moved by Joe, seconded by Grass

Vote: Motion carried

Yes: Grass, Goulet, Hernandez-Garcia, Horgan, Joe, Long, Sedell

No: -

Absent: Roberts

Abstain: -

Trustee Roberts arrived at the meeting at 9:14 a.m., after the vote on the agenda item.

**II. CONSENT AGENDA**

A. Approve Regular and Deferred Retirements and Survivors Continuances for the Month of July 2023.

B. Approve Regular and Deferred Retirements and Survivors Continuances for the Month of August 2023.

C. Receive and File Report of Checks Disbursed in July 2023.

D. Receive and File Report of Checks Disbursed in August 2023.

E. Approve Disability Meeting Minutes for September 11, 2023.

Trustee Goulet motioned to approve the Consent Agenda.

Trustee Horgan requested that agenda item, VII.E., "Approve Disability Meeting Minutes for September 11, 2023", be pulled from the Consent Agenda because she would be abstaining from voting on that item, since she was not present at that meeting.



Trustee Goulet then revised his motion to only approve Consent Agenda items, A through D.

After discussion by the Board, the following motion was made:

MOTION: Approve Consent Agenda Items, A – D.

Moved by Goulet, seconded by Horgan

Vote: Motion carried

Yes: Grass, Goulet, Hernandez-Garcia, Horgan, Joe, Long, Roberts, Sedell

No: -

Absent: -

Abstain: -

MOTION: Approve Consent Agenda Items, E.

Moved by Goulet, seconded by Joe

Vote: Motion carried

Yes: Grass, Goulet, Hernandez-Garcia, Joe, Long, Roberts, Sedell

No: -

Absent: -

Abstain: Horgan

**III. PRESENTATION: “FEWER LOSERS, OR MORE WINNERS?”**

*Howard Marks, Co-Chairman, and Founding Principal of Oaktree Capital Management.*

Mr. Gallagher introduced Mr. Howard Marks, Co-Chairman, and Founding Principal of Oaktree Capital Management.

Mr. Marks provided a presentation to the Board entitled, “Fewer Losers, or More Winners”.

The Board took a break at 10:06 a.m., after the presentation.

The Board returned from break at 10:33 a.m.

**IV. PRESENTATION: “THE TRANSFORMATIVE YEAR AHEAD: GEOPOLITICS AND THE 2024 U.S. ELECTIONS”**

Frank Kelly, Founder & Managing Partner, Fulcrum Macro Advisors LLC, and Sr. Political Strategist for DWS.

Mr. Gallagher introduced Mr. Frank Kelly, Founder & Managing Partner of Fulcrum Macro Advisors LLC, and Sr. Political Strategist for DWS.

Mr. Kelly provided a presentation to the Board entitled, “The Transformative Year Ahead: Geopolitics and the 2024 U.S. Elections”.

**V. INVESTMENT INFORMATION**

VCERA – Dan Gallagher, Chief Investment Officer.

NEPC – Allan Martin and Rose Dean.

A. \$20 Million Commitment to Bridge Debt Strategies Fund V.  
**RECOMMENDED ACTION: Approve.**

1. Staff Letter by Chief Investment Officer.
2. Joint Fund Recommendation Report from NEPC.
3. Bridge Debt Strategies Fund V Presentation: Dean Allara, and Andrew Ahmadi.

Mr. Gallagher provided a brief overview of Bridge's Debt Strategies Fund V investment opportunity and summarized the joint recommendation by him and NEPC for their proposed investment commitment.

Mr. Martin introduced Rose Dean from NEPC, who recently joined the VCERA Investment Consultant team at NEPC.

Ms. Dean then provided a more in-depth review of the joint recommendation for a \$20 Million Commitment to Bridge Debt Strategies Fund V.

After discussion by the Board, staff, and Investment Consultants, the following motion was made:

MOTION: Approve a \$20 Million Commitment to the Bridge Debt Strategies Fund V, and Subject to Successful Contract Negotiations, Authorize the Board Chair, or the Retirement Administrator or in the Absence of Both the Chief Investment Officer to Approve and Execute the Required Documentation.

Moved by Grass, seconded by Long

Vote: Motion carried

Yes: Grass, Hernandez-Garcia, Horgan, Joe, Long, Roberts, Sedell

No: Goulet

Absent: -

Abstain: -

B. \$75 Million Commitment to HarbourVest Partners Infrastructure Opportunities Fund III.  
**RECOMMENDED ACTION: Approve.**

1. Staff Letter by Chief Investment Officer.
2. Joint Fund Recommendation Report from NEPC.
3. HarbourVest Partners Infrastructure Opportunities Fund III Presentation: Mike Dean, Abby Rayner, and Teri Noble.

Mr. Gallagher provided a brief overview of HarbourVest's Infrastructure Opportunities Fund III investment opportunity and summarized the joint recommendation by him and NEPC for their proposed investment commitment.

MOTION: Approve a \$75 Million Commitment to HarbourVest Partners Infrastructure Opportunities Fund III; and Subject to Legal Review, Authorize the Board Chair, or the Retirement Administrator, or in the Absence of Both, the Chief Investment Officer, to Approve and Execute the Required Documentation.

Moved by Roberts, seconded by Grass

Vote: Motion carried

Yes: Grass, Goulet, Hernandez-Garcia, Horgan, Joe, Long, Roberts, Sedell

No: -

Absent: -

Abstain: -

C. \$25 Million Commitment to Pantheon Global Infrastructure Fund IV.

**RECOMMENDED ACTION: Approve.**

1. Staff Letter by Chief Investment Officer.
2. Joint Fund Recommendation Report from NEPC.
3. Pantheon Global Infrastructure Fund IV Presentation: Iain Jones.

Mr. Gallagher provided a brief overview of Pantheon's Global Infrastructure Fund IV investment opportunity and summarized the joint recommendation by him and NEPC for their proposed investment commitment.

MOTION: Approve an Investment Commitment of \$25 Million to Pantheon Global Infrastructure Fund IV; and Subject to Successful Legal Review, Authorize the Board Chair, or the Retirement Administrator, or in the Absence of Both the Chief Investment Officer to Approve and Execute the Required Documentation.

Moved by Horgan, seconded by Goulet

Vote: Motion carried

Yes: Grass, Goulet, Hernandez-Garcia, Horgan, Joe, Long, Roberts, Sedell

No: -

Absent: -

Abstain: -

The Board took a lunch break at 12:00 p.m.

The Board returned from break at 1:03 p.m.

**VI. PRESENTATION: "POLICY BOARD: FIDUCIARY GOVERNANCE EDUCATION"**

*Ashley Dunning, VCERA Fiduciary Counsel, Nossaman*

Chair Sedell introduced Ms. Ashley Dunning, VCERA's Fiduciary Counsel from Nossaman LLP.

Ms. Dunning, provided a presentation to the Board entitled, "Policy Board: Fiduciary Governance Education".

Ms. Dunning said that the Board should consider conducting a *Board Self-Assessment* and then as a follow up they could assess the other aspects of the Board's governance as a policy board.

Chair Sedell said the Board should discuss the topic at their next Board meeting in October.

Trustee Grass left the meeting at 2:12 p.m., after the presentation by Ms. Dunning.

**VII. NEW BUSINESS**

A. NEPC Investment Performance Reports.

**RECOMMENDED ACTION: Receive and File.**

1. Second Quarter 2023 Performance Report for Period Ending June 30, 2023.
2. Monthly Performance Report Month Ending July 31, 2023
3. Monthly Performance Report Month Ending August 31, 2023

Ms. Dean provided a brief economic overview of the market environment.

Trustee Long left the meeting at 2:31 p.m., before the vote on the item.

Mr. Martin presented to the Board the 2nd Quarter 2023 Performance Report, for the Period Ending June 30, 2023, the Monthly Performance Report Month Ending, July 31, 2023, and the Monthly Performance Report Month, Ending August 31, 2023.

MOTION: Receive and File.

Moved by Horgan, seconded by Joe

Vote: Motion carried

Yes: Ashby, Goulet, Hernandez-Garcia, Horgan, Joe, Roberts, Sedell

No: -

Absent: Grass, Long

Abstain: -

**VIII. INFORMATIONAL**

None.

**IX. PUBLIC COMMENT**

None.

**X. STAFF COMMENT**

Mr. Santos asked for more guidance on how the Board would like staff to proceed with coordinating the Board's self-assessment. He noted that the project was not something that could be done quickly and asked if the Board intended to conduct the self-assessment themselves or engage with a vendor that specialized in this area.

Chair Sedell said that he would suggest 2 tracks, one that was focused on the items that Ms. Dunning discussed, and the other track encompassing the Board's delegation of authority in other areas of the organization. He believed both tracks could be completed in one day, therefore, he directed that Mr. Santos present some options for the Board to consider.

**XI. BOARD MEMBER COMMENT**

Trustee Hernandez-Garcia said that she enjoyed this year's Board Retreat and received a lot of important information from the presentations. Therefore, she would like to thank staff for putting the event together.

Chair Sedell remarked that it was one of the best Board Retreats that he's attended, in the 10 years that he's been on the Board. He also commended the Board members for their attendance.

**XII. ADJOURNMENT**

The Chair adjourned the meeting at 2:44 p.m.

Respectfully submitted,



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RICHARD SANTOS, Interim Retirement Administrator

Approved,

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MIKE SEDELL, Chair



October 23, 2023

Board of Retirement  
Ventura County Employees' Retirement Association  
1190 South Victoria Avenue, Suite 200  
Ventura, CA 93003

**SUBJECT: RETIREMENT ADMINISTRATOR QUARTER 3 2023 UPDATE JULY 1 – SEPTEMBER 30**

Dear Board Members:

In compliance with VCERA's Monitoring & Reporting Policy, this report includes information regarding travel, training, key meetings, and media communications, as well as other key issues. It also contains summaries of work and issues in other functional areas in the Organization. This report covers the 3rd quarter of 2023, and the information provided reflects not only the work associated with the Retirement Administrator, but of other staff as well.

*General*

Over the 3rd quarter, staff met with several VCERA constituents:

**County Staff:** The Interim Retirement Administrator (RA) met with Executive Staff of the County and while this meeting was generally introductory in nature, strategies were discussed concerning future communications and open dialogue between VCERA and the County. There was acknowledgement that both sides would work to keep communication lines open on all business that may affect the Organization and the Board of Retirement. VCERA staff also met with the Auditor-Controller and several key County Staff. Again, this meeting was introductory in nature, however, issues were also worked out on cleanup of data related to the Alameda implementation.

**Labor Representatives:** The RA met with Representatives from Labor to discuss the potential for implementation of a DROP Program. Staff is currently researching the DROP options embedded in the CERL to get an understanding of costs and what may be required from VCERA in terms of administration and Board of Retirement responsibilities. Staff also met with representatives from VCPPOA to discuss certain pay items and their effect on pensionable compensation and compensation earnable.

**Board Trustees:** As you know, the RA has been meeting with individual Trustees. These meetings were meant to manage expectations that both the RA and Trustees have of each other. There were a couple key takeaways from these meetings that were for the most part, of concern to all trustees. Communication with our constituents is a key concern of the Board and an assessment of the Organization by the new RA during his tenure here. As such, in November or December, staff will be discussing a "State of the Organization" with the Board of Retirement. The intent is to assess where the Organization is in terms of its processes, technology needs and human resources. Staff also plans to discuss recommended strategic objectives to consider for next year's Strategic Plan.

Additionally, the RA is currently meeting individually with each of VCERA's staff on various aspects of the Organization and gathering information. It is the RA's intent to include any relevant information from this exercise in its discussion with the Board later in the year. Further, this information may also be used in the

context of developing recommended Strategic Objectives that may be used when the Organization begins that undertaking sometime in early 2024.

The RA also reached out to REAVC leaders to discuss VCERA having the ability to comment on any information/transmittals that the group would be forwarding to their membership, particularly in their newsletter. VCERA Management feels that unless proper context is conveyed in information relayed to our retirees, the potential for ambiguity exists. This discussion had a productive resolution.

The RA's only travel this quarter was to the CALAPRS Administrator's Institute in Carmel. The forum this year was mostly centered on AI (artificial intelligence). Additionally, much discussion occurred on the issues each System is currently facing. The RA did reach out to several other Administrators to discuss Board governance, Board self-assessment and DROP Programs. DROP Programs were a hot topic and it is apparent that several Systems are looking at the specifics, however, no CERL System (Plan Sponsor/County) has implemented yet. There are several Charter Systems that do have programs in place, however, they are not bound by CERL Statutes.

### *Fiscal*

During the 3rd quarter of 2023 (July – September), the fiscal team focused on providing effective and efficient management of retirement funds and financial operational services to VCERA trustees, staff colleagues, participating employers, plan members, vendors, consultants, County of Ventura agencies, and other local, state, and federal agencies. The VCERA Fiscal Unit workload included both recurring, monthly, quarterly, annual, and special project fiscal activities.

During this quarter, the recurring and monthly fiscal activities included successful fiscal investment portfolio management; general ledger (GL) account management (i.e., GL transaction management, posting, closing, and reconciliations); financial reporting; cash flow management; accounts payable processing; accounts receivable activities; retirement payroll management (i.e., reconciliation and funding); written contract, agreement, and policy examination; financial variance analysis (i.e., member contribution, retiree payroll, general ledger accounts); involvement in Enterprise Resource Planning (ERP) Financial system replacement search; timely internal and external customer service duties.

During this quarter, the fiscal unit workload included numerous quarterly, annual, and special project fiscal activities that were successfully managed, prepped for completion, and completed. The quarterly, annual, and special project fiscal activities included, support for Interim Retirement Administrator onboarding; the preparation and participation in Finance Committee meeting; State of CA Employment Development Department (EDD) quarterly tax filing and reporting; annual external audit planning discussions; actuarial reporting data compilations, discussions, and report reviews; Annual Comprehensive Financial Reporting (ACFR) discussions and project preparation; Actuarial Audit Request for Proposal (RFP) issued, review of bidder submissions, and discussions; as needed research projects; webinar and in-person trainings; and other as required task.

The fiscal team continues to collectively carry a significant workload that includes a growing private equity and private credit investment asset portfolio; therefore, requiring an increasing volume of investment reconciliations, cyclic fiscal operational tasks (i.e., daily, weekly, monthly, quarterly, semiannual, and annual), and other as required fiscal duties.

## *Operations*

### Actives & Community Property

During this period, the Actives unit completed 319 benefit estimates, with an average turnaround time of 3.4 weeks, as well as 132 service credit purchase calculations. The increase in turnaround time is due to a leave of absence and training of newer staff within the unit. Additional staff have been added to work queues to help decrease the turnaround time.

### Retiree Payroll & Death Benefits

During this past quarter, staff assisted with actuarial extract data clean-up and collaborated with County Benefits to provide a data extract for the new HRA benefit. At the end of this quarter, VCERA monthly payroll totaled \$32.4 million with 8,315 payees (retirees, survivors, and DRO non-members and alternate payees). Staff processed 76 new service retirements and 20 new survivor continuances from July through September of 2023. The average turnaround time from date of retirement to date of first check for new service retirees was 39 days.

### Disability

At the end of the 3rd quarter, there were 47 New Model cases in process and 7 cases directed to hearing. A total of 7 New Model cases and 2 Old Model cases were decided or closed during this period. There were 6 new applications filed. Staff calculated 18 retirement estimates, conducted 8 disability counseling sessions, performed 12 retiree payroll calculations, and prepared 8 IME packets. Also in the 3rd quarter, the Board approved two new disability-related policies: the Disability Retirement Hearing Rules and the Disability Retiree Re-examination Policy.

### Communications

In the third quarter, staff focused on communicating with members about the Alameda Decision by producing and announcing multiple educational pieces and regularly updating stakeholders with relevant news. Staff also posted timely updates related to the new CNA COLA, Retirement Administrator retirement, Interim Administrator appointment, Board election results and the PBI data breach. In addition, staff are representing VCERA at in-person Retirement Workshops and Job Fairs hosted by the County. And, staff began preparing the 2023 annual report, retirement presentations to individual departments, and the launch of a new website.

### Special Projects/Updates

As part of the transition to the interim Retirement Administrator, the office support & board clerk position was moved to report to Operations. The Chief Operations Officer now oversees the administrative functions of the board clerk duties, human resources & payroll, and general office support (including training and travel bookings/tracking, building maintenance, and other miscellaneous duties).

The Operations division is working on several special projects with the County, including assisting with the implementation of the new retiree Health Reimbursement Arrangement (HRA) program to identify affected members and assist with correspondence, revamping a monthly data interface of new retirees used by the County to initiate benefits such as the management health premium allowance and the retiree HRAs and



providing data as requested by the Supplemental Retirement Plan (SPR) committee to analyze the Safe Harbor program.

### *Legal*

In observation of potential attorney-client privileges, the following is a high-level list of legal/legal policy issues staff has worked on during the 3rd quarter:

- Legal guidance on Alameda implementation issues, including benefit and tax matters
- Legal guidance on application of new legislation under SECURE 2.0
- Review and input on proposed SACRS Legislation
- Assist County with cost and implementation issues associated with new CNA Tier 2 COLA
- Work with Segal on interest crediting policy and CNA Tier 2 COLA valuation and actuarial reporting
- Review and analysis of DROP options
- Contract review: MBS (for Alameda implementation), LimeCyber (cybersecurity), Vitech PAS and change orders, Vitech Hosting, Interim RA Offer Letter/Agreement, Simpler (ITS contract),
- Investment Contract work (general review of legal documents; Work with Nossaman on wording for updated Certificate of Incumbency for KYC overseas deals)
- Work on employment options for engaging Interim RA
- Advise on pensionability of settlement pay to Court Reporters
- Review and advise on disability retirement analyses
- Ongoing regular handling of joinder matters and review/approval of DROs; assist with customized language in unordinary situations
- Advise on “presumed death” case
- Advise Chair re fiduciary duty considerations in determining whether to expend VCERA funds for travel after notice of nonrenewal of appointment.
- Advise staff re pensionability of bonus payment “earned” by employee but not paid/received until after separation from service.

### *Information Technology:*

VCERA IT is working with MBS to set up the infrastructure for them to connect to V3 to start performing Alameda calculations. They are also setting up the infrastructure for the Simpler Systems reporting tool; VCERA IT will be heavily involved in this project through completion and support going forward.

ITS is working with Fiscal to schedule demos with companies that specialize in enterprise financial software, in preparation for replacement of the current financial software, that will soon be end of life. Additionally, VCERA IT is spearheading the demos of Pension Administration Systems to learn what changes are available in V3 as well as other vendor solutions.

Evaluation of current server room hardware is underway to determine if migration to the cloud is feasible and will produce better security, scalability and cost savings. Annual cybersecurity training has started for staff in October, as well as internal phishing campaigns and external penetration testing is underway.

Finally, V3 Systems Administrators are busy working through cyclical processes, testing Alameda enhancements and testing regular bug fixes for implementation into V3.



**VCERA**  
VENTURA COUNTY EMPLOYEES'  
RETIREMENT ASSOCIATION

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**RECOMMENDATION: RECEIVE AND FILE**

Staff will be happy to answer any questions at today's meeting.

Sincerely,

A handwritten signature in black ink, appearing to read 'RS', is written over a light gray rectangular background.

Rick Santos, CFA, ASA, MAAA  
Interim Retirement Administrator

October 23, 2023

**SUBJECT: Chief Investment Officer's 3<sup>rd</sup> Quarter 2023 Investment Activity Report**

Dear Board Members:

Below is a summary of 3<sup>rd</sup> quarter 2023 investment activity.

**Private investments commitments:**

- \$25 million commitment to Adams Street Private Credit Fund III -- NEPC/ Board approved.
- \$25 million commitment to Pantheon Global Infrastructure Fund IV - NEPC/ Board approved.
- \$10 million commitment to Graycliff Private Equity Partners V -- Abbott mandate.
- \$20 million commitment to Bridge Debt Strategies V-- NEPC/ Board approved.
- \$75 million commitment to HarbourVest Infrastructure Opportunities Fund III - NEPC/ Board approved.

**Investment presentations:**

*VCERA Staff*

- CIO
- Adams Street Private Credit Fund III recommendation.
- HarbourVest Direct Lending II recommendation.
- Bridge Debt Strategies Fund V recommendation.
- Harbourvest Infrastructure Opportunities Fund III recommendation.
- Pantheon Global Infrastructure Fund IV recommendation.
- Letter from CIO with estimated costs and recommending authorization of CIO and up to two trustees to conduct onsite due diligence visits to VCERA private equity manager Adams Street Partners and real estate manager LaSalle Investment Management in Chicago; and, VCERA overlay manager Parametric Portfolio Associates in Minneapolis on October 11 -13, 2023.
- Letter from CIO with estimated costs and recommending authorization of CIO and up to two trustees to conduct onsite due diligence visits to VCERA real estate manager Prudential Global Investment Management (PGIM) Real Estate in Newark, New Jersey, and to VCERA private equity consultant Abbott Capital Management in New York City on November 2-3, 2023.

*Consultants:*

NEPC

- Adams Street Private Credit Fund III joint recommendation report.
- HarbourVest Direct Lending II joint recommendation report.
- Bridge Debt Strategies V joint recommendation report.
- Harbourvest Partners Infrastructure Opportunities Fund III joint recommendation report.

- Pantheon Global Infrastructure Fund IV joint recommendation report.
- June 2023 quarterly; July and August 2023 monthly investment performance reports.

*Investment Managers:*

- Walter Scott Annual VCERA Board Presentation materials.
- Adams Street Private Credit Fund III VCERA Board Presentation materials.
- HarbourVest Direct Lending II VCERA Board Presentation materials.
- Bridge Debt Strategies V VCERA Board Presentation materials.
- Harbourvest Infrastructure Opportunities Fund III VCERA Board Presentation materials.
- Pantheon Global Infrastructure Fund IV VCERA Board Presentation materials.

**Other:**

- Teleconferences, phone calls, etc., with investment managers across asset classes, consultants, custodian, regarding portfolio monitoring and actions taken including those ensuring liquidity to execute VCERA's priorities.
- Securing Board Retreat presenters and logistics

**Goals for 2023**

- Continuous evaluation of consultant driven private equity deal flow and opportunities towards reaching and maintaining the Board approved 18% asset allocation target. The Board approved its private equity commitment target for 2023 at \$235 million. VCERA committed \$10 million in the third quarter 2023.
- Continuous evaluation of consultant driven private credit deal flow and opportunities towards achieving the Board's approved allocation of 8% for private credit over 3 to 5 years. The Board approved VCERA's private credit commitment target for 2023 at \$225 million. VCERA committed \$45 million in the third quarter 2023.

Respectfully submitted,



Dan Gallagher  
Chief Investment Officer



# VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

**OCTOBER 23, 2023**

# ABBOTT PRESENTERS



**MATTHEW SMITH**

**Managing Director**

Investment Team  
Joined Abbott in 2000

Georgetown University, A.B. in History  
Georgetown University, M.B.A. in  
Finance



**YOUNG LEE**

**Managing Director**

Investment Team  
Joined Abbott in 2007

Stanford University, B.A. in Economics  
Columbia University, M.B.A.



**ARIANNA MERRILL**

**Principal**

Investment Team  
Joined Abbott in 2018

Connecticut College, B.A. Economics and  
Political Science  
Cornell University, M.B.A.

# AGENDA

- ABBOTT CAPITAL OVERVIEW
- VCERA PRIVATE EQUITY PROGRAM
- STATEMENT OF INVESTMENTS
  - AS OF DECEMBER 31, 2022
  - AS OF JUNE 30, 2023
- CALIFORNIA DISCLOSURE REPORTING
- PRIVATE EQUITY MARKET OVERVIEW
- APPENDIX

# ABBOTT CAPITAL OVERVIEW



## ABOUT ABBOTT

Founded in **1986**, Abbott is a multi-strategy private equity firm with **\$14+ billion** in assets under management. Our global platform spans the **private equity, growth equity, and venture capital** markets with solutions for a diverse investor base comprised of:

- Corporate, Public and Multiemployer Pension Plans;
- Endowments and Foundations;
- Family Offices and High-Net-Worth Individuals

Since inception, Abbott has committed **\$25+ billion** to over **700 primary, secondary, and co-investments** on behalf of its clients.

**100%**  
Independent and Employee-Owned

**\$1B+**  
Avg Annual Capital Deployed

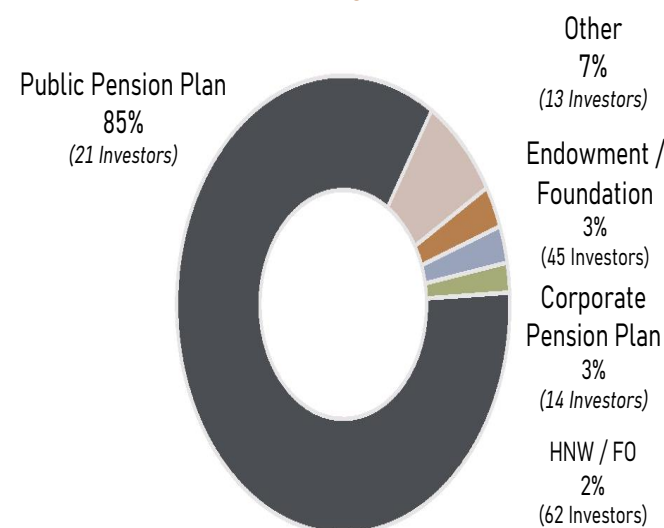
**160+**  
GP Relationships

**160+**  
LPAC Seats

**2015**  
UN PRI Signatory

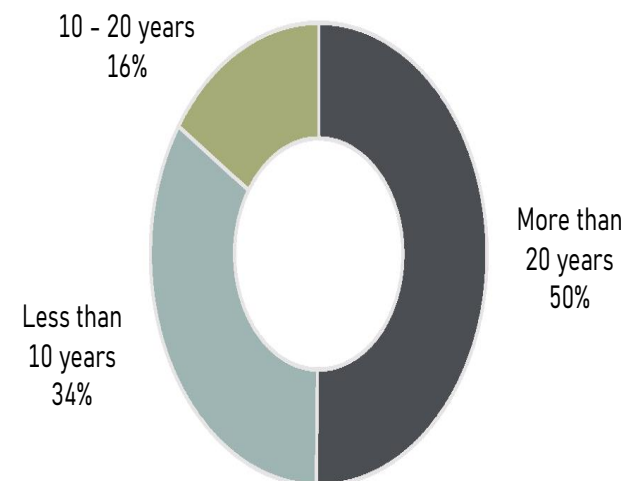
### INVESTORS BY TYPE

BY AUM



### INVESTORS BY TENURE<sup>1</sup>

BY AUM



<sup>1</sup>Excludes investors and separately managed accounts who have not made a commitment since 2018.

All information as of Dec 31 2022; LPAC Seats include observer rights.

AUM does not reflect Abbott's reported RAUM due to the inclusion of liabilities and approximately \$776M of non-discretionary assets for which Abbott provides ongoing investment monitoring and reporting but does not provide continuous and regular supervisory or management services.

Confidential and Proprietary Information - For Recipient's Use Only - 5

# PRIVATE EQUITY SOLUTIONS

## SEPARATELY MANAGED ACCOUNTS

**CUSTOMIZED PORTFOLIOS**  
built to meet client-specific  
investment goals

**ACCESS** to sector-focused,  
emerging, and diverse  
managers

**PERSONALIZED REPORTING**  
and administrative support

---

**35+ YEARS**

LONGEST  
ACTIVELY INVESTING  
SEPARATE ACCOUNT

## SECONDARIES & CO-INVESTMENTS

**DEDICATED FUNDS** for each  
strategy

**SECONDARIES** include GP-  
led, asset carve-outs, and  
fund purchases

**CO-INVESTMENTS** with both  
new and existing Abbott GPs  
via direct deals and SPVs

---

**110+/\$1.5B+**

TRANSACTIONS /  
INVESTED CAPITAL

SINCE INCEPTION

## FLEXIBLE FUND SOLUTIONS

**DIVERSIFIED FUNDS** with  
flexible strategy allocations

**TARGETED** geographic and  
sector exposures

**SINGLE AND MULTI-ASSET  
EXPOSURE** through  
secondaries and co-  
investments

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**\$6.0B+**

LP COMMITMENTS TO  
DIVERSIFIED ABBOTT FUNDS

SINCE INCEPTION

# ABBOTT TEAM

## INVESTMENT COMMITTEE



LEONARD PANGBURN  
Managing Director,  
President  
Joined 2005



MEREDITH RERISI  
Managing Director  
Joined 1998



TIM MALONEY  
Managing Director  
Joined 2004

Secondaries



MATTHEW SMITH  
Managing Director  
Joined 2000



YOUNG LEE  
Managing Director  
Joined 2007



JOBST KLEMME  
Managing Director  
Joined 2015

Abbott Europe



WOLF WITT  
Managing Director  
Joined 2018

Secondaries



JONATHAN TUBIANA  
Principal  
Joined 2009



MORITZ TURCK  
Principal  
Joined 2017



ARIANNA MERRILL  
Principal  
Joined 2018

Abbott Europe

## INVESTMENT TEAM



DECLAN FEELEY  
Vice President

Secondaries



AMY CAPORALE  
Associate



WILLIAM CRENSHAW  
Associate



GANGGAS HARJIANTO  
Associate



VICTORIA LIN  
Associate



ALEXIS MAIDA  
Associate

Secondaries



LUIS DELGADO  
Analyst



KATE HOLZER  
Analyst



DILLON WEISBERG  
Analyst



JEREMIAH YONDAH  
Analyst

# ABBOTT TEAM

## OPERATIONS, FINANCE & LEGAL / COMPLIANCE



MARY T. HORNBY  
Managing Director,  
General Counsel & CCO  
*Joined 2004*



LAUREN MASSEY  
Managing Director,  
Chief Administrative Officer  
*Joined 1995*



PAOLO PARZIALE  
Managing Director,  
Chief Financial Officer  
*Joined 2002*



SAMANTHA HEWITT  
Director,  
Investor Relations



SEAN P. LONG  
Director,  
Marketing & Client Solutions



PETER DORO  
Director,  
Compliance



JOE JULIANO  
Director,  
Investment Operations



JENNIFER LAGNADO  
Director,  
Corporate Operations



SITI (PUTRI) KAFRAWI  
Senior Manager,  
Fund Administration



KERI GAWLIK  
Vice President,  
Investor Relations



LAYLA BEYZAVI  
Vice President,  
Marketing & Client Solutions

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50+ PEOPLE DEDICATED TO PRIVATE EQUITY

# VCERA PRIVATE EQUITY PROGRAM

# VCERA PRIVATE EQUITY PROGRAM

## OBJECTIVE AND KEY EVENTS IN 2023

Abbott oversees a customized private equity program with the following objectives:

- Implement and monitor VCERA's private equity portfolio through a comprehensive, turn-key solution that covers the development, implementation, management, and reporting of the private equity portfolio
- Target allocation of 18% of the total Plan NAV in private equity investments

Key 2023 developments:

- VCERA committed approximately \$230.4 million as of September 30, 2023 compared to targeted 2023 commitments of \$235.0 million
  - \$180.4 million in Abbott-sourced commitments
  - \$50.0 million of VCERA-sourced commitments
- VCERA at target allocation of 18% of the total Plan NAV in private equity investments

Monitoring:

- Rising interest rates
- Persistent macroeconomic uncertainty
- Implications of emerging technologies and AI on private equity portfolio

# YTD 2023 COMMITMENTS

## ABBOTT-SOURCED COMMITMENTS

PORTFOLIO FUND	STRATEGY	COMMITMENT
BlackFin Financial Services Fund IV^	International Buyouts and Special Situations	\$20,268,234
Charlesbank Technology Opportunities Fund II	Buyouts and Special Situations	\$30,000,000
Genstar Capital Partners XI	Buyouts and Special Situations	\$20,000,000
Graycliff Private Equity Partners V	Small Buyout	\$10,000,000
Hellman & Friedman XI	Buyouts and Special Situations	\$20,000,000
GTCR Fund XIV	Buyouts and Special Situations	\$20,000,000
Parthenon Investors VII	Buyouts and Special Situations	\$20,000,000
TA XV	Buyouts and Special Situations	\$20,000,000
Vitruvian V^	International Buyouts and Special Situations	\$20,159,265
<b>TOTAL ABBOTT-SOURCED COMMITMENTS</b>		<b>\$180,427,499</b>

## VCERA-SOURCED COMMITMENTS

PORTFOLIO FUND	STRATEGY	COMMITMENT
Abbott Secondary Opportunities III	Secondary transactions	\$50,000,000
<b>TOTAL VCERA-SOURCED COMMITMENTS</b>		<b>\$50,000,000</b>

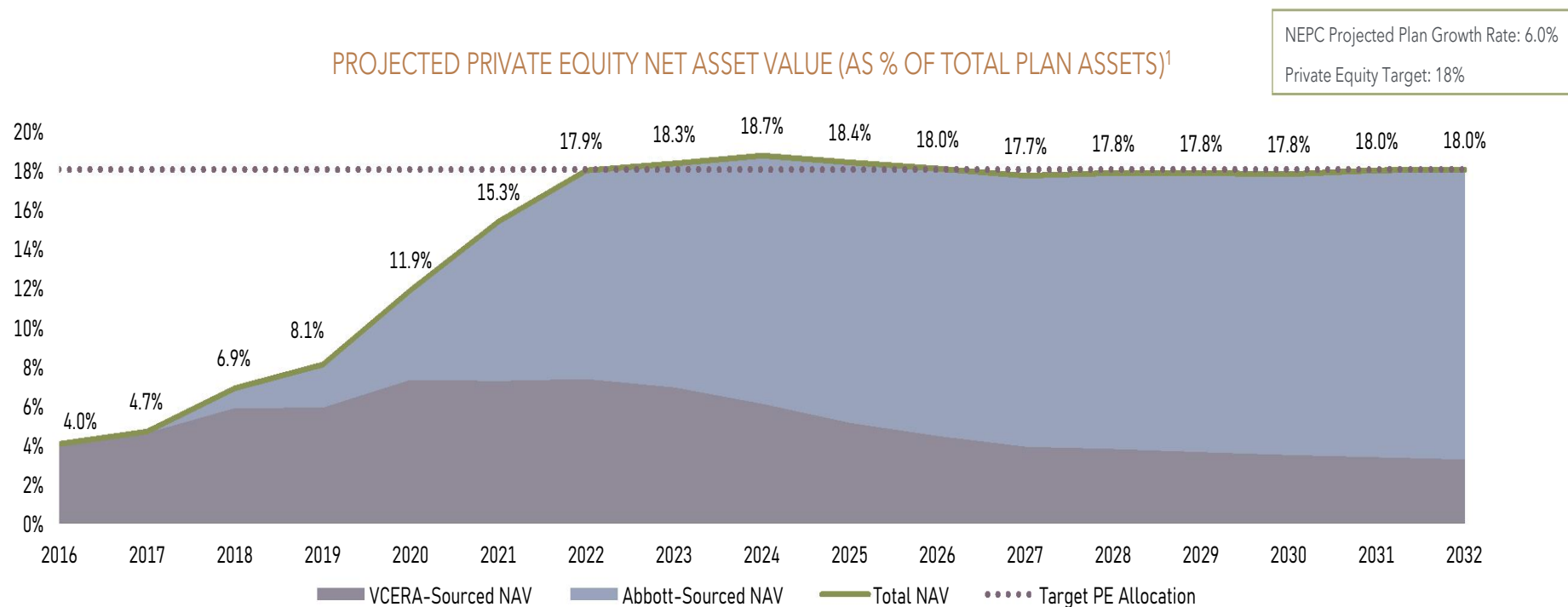
## TOTAL YTD 2023 COMMITMENTS

**\$230,427,499**

^Non-USD denominated funds and converted as of commitment date.  
As of Oct 10 2023

# PRIVATE EQUITY NET ASSET VALUE PROGRESS

- VCERA at target allocation of 18% of the total Plan NAV in private equity investments
- Since last board update, rebounding public markets and stable PE valuations have eased the denominator effect
- Softening economic environment and volatile financial and credit markets since 2022 have slowed the pace of capital calls and distributions



<b>PACING ANALYSIS</b>	12/2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
ANNUAL COMMITMENTS	284.5	235.0	225.0	300.0	380.0	440.0	440.0	440.0	475.0	475.0	475.0
<b>PE NAV AS % of TOTAL PLAN</b>	<b>17.9%</b>	<b>18.3%</b>	<b>18.7%</b>	<b>18.3%</b>	<b>18.0%</b>	<b>17.7%</b>	<b>17.8%</b>	<b>17.8%</b>	<b>17.7%</b>	<b>17.9%</b>	<b>18.0%</b>

For illustrative purposes only. Actual NAV may differ from amounts shown above due to market conditions, investment opportunities, and other factors, and such differences may be material. NEPC Projected Plan Growth Rate as of Apr 2023.



# INVESTMENT PLAN AND PIPELINE

## LOOKING AHEAD

- Review pacing model biannually to reflect then-current conditions, state of the private equity portfolio, and the overall VCERA Plan
- Capital calls and distributions are likely to remain depressed until the economy and financial markets stabilize
- LPs and GPs with dry powder may benefit in the current environment with the opportunity to invest in a lower valuation environment
- \$225+ million of investment opportunities including many managers to which VCERA has previously committed

## PIPELINE - NEXT TWELVE MONTHS

VENTURE CAPITAL & GROWTH EQUITY		NORTH AMERICAN BUYOUTS & SPECIAL SITUATIONS		INTERNATIONAL BUYOUTS & SPECIAL SITUATIONS	
SUB-STRATEGY	# OF FUNDS	SUB-STRATEGY	# OF FUNDS	SUB-STRATEGY	# OF FUNDS
Early-Stage VC	3	Lower Middle-Market	2	Lower Middle-Market	8
Multi-Stage VC	4	Middle-Market	7	Middle-Market	3
Growth Equity	1	Upper Middle-Market	1	Upper Middle-Market	1
<b>Total</b>	<b>8</b>	<b>Total</b>	<b>10</b>	<b>Total</b>	<b>12</b>

Lower Middle-Market typically includes funds that are below \$2 billion in size, Middle-Market typically includes funds that are greater than \$2 billion in size, but lower than \$7 billion in size, and Upper Middle-Market typically includes funds that are greater than \$7 billion in size as defined by VCERA. Next twelve months pipeline represents investment opportunities only and an investment decision with respect thereto may not be final. Every investment decision is subject to appropriate due diligence and allocation availability. As of Sep 30 2023.

STATEMENT OF INVESTMENTS  
AS OF DEC 31 2022

# VCERA STATEMENT OF INVESTMENTS

AS OF DEC 31 2022

Venture Capital & Growth Equity	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation	Total Value	TVPI	IRR
Battery Ventures XII	02/01/2018	2018	\$9,050,000	\$888,710	\$8,161,290	\$4,839,132	\$18,216,166	\$23,055,298	2.8x	35.8%
Battery Ventures XII Side Fund	02/01/2018	2018	\$5,050,000	\$277,245	\$4,772,755	\$5,433,191	\$9,351,449	\$14,784,640	3.1x	40.2%
Battery Ventures XIII	02/11/2020	2020	\$9,240,000	\$1,908,060	\$7,331,940	-	\$9,721,753	\$9,721,753	1.3x	19.0%
Battery Ventures XIII Side Fund	02/11/2020	2020	\$6,160,000	\$1,241,856	\$4,918,144	-	\$7,185,217	\$7,185,217	1.5x	25.2%
Battery Ventures XIV	02/24/2022	2022	\$10,000,000	\$9,200,000	\$800,000	-	\$660,469	\$660,469	0.8x	-47.2%
CRV XIX	01/27/2022	2022	\$10,000,000	\$8,725,000	\$1,275,000	-	\$1,078,038	\$1,078,038	0.8x	-32.4%
CRV XVIII	07/02/2020	2020	\$15,000,000	\$2,887,500	\$12,112,500	-	\$13,161,136	\$13,161,136	1.1x	6.5%
Drive Capital Fund II	08/19/2016	2016	\$15,000,000	\$57,157	\$14,946,053	\$3,410,764	\$14,969,981	\$18,380,745	1.2x	5.5%
Drive Capital Fund III	04/05/2019	2019	\$7,500,000	\$1,309,673	\$6,190,327	-	\$6,944,992	\$6,944,992	1.1x	7.4%
Drive Capital Fund IV	12/27/2021	2022	\$10,000,000	\$6,167,000	\$3,833,000	-	\$3,572,502	\$3,572,502	0.9x	-9.0%
Drive Capital Overdrive Fund I	04/05/2019	2019	\$7,500,000	\$183,313	\$7,316,687	\$12,492	\$9,202,183	\$9,214,675	1.3x	9.8%
Drive Capital Overdrive Fund II	12/27/2021	2022	\$10,000,000	\$5,830,047	\$4,169,953	-	\$3,868,303	\$3,868,303	0.9x	-13.3%
GGV Capital VII	08/15/2018	2019	\$10,160,000	\$609,600	\$9,550,400	\$69,608	\$13,438,593	\$13,508,201	1.4x	14.5%
GGV Capital VII Plus	08/15/2018	2019	\$2,540,000	\$63,500	\$2,476,500	-	\$3,170,308	\$3,170,308	1.3x	10.2%
GGV Capital VIII	10/30/2020	2021	\$9,180,000	\$4,268,700	\$4,911,300	-	\$5,668,928	\$5,668,928	1.2x	13.4%
GGV Capital VIII Plus	10/30/2020	2021	\$2,295,000	\$1,239,300	\$1,055,700	-	\$1,095,548	\$1,095,548	1.0x	3.4%
GGV Discovery II	08/15/2018	2019	\$2,100,000	\$147,000	\$1,953,000	-	\$3,908,017	\$3,908,017	2.0x	31.9%
GGV Discovery III	10/30/2020	2021	\$3,825,000	\$2,084,625	\$1,740,375	-	\$2,592,078	\$2,592,078	1.5x	38.2%
Oak HC/FT Partners III	07/31/2019	2019	\$15,000,000	\$1,821,841	\$14,526,349	\$1,348,190	\$22,222,584	\$23,570,774	1.6x	26.7%
Oak HC/FT Partners IV	02/17/2021	2021	\$10,000,000	\$2,163,128	\$7,836,872	-	\$8,863,729	\$8,863,729	1.1x	11.6%
Oak HC/FT Partners V	05/11/2022	2022	\$10,000,000	\$9,583,702	\$416,298	-	\$592,432	\$592,432	1.4x	170.6%
<b>Total Venture Capital &amp; Growth Equity</b>			<b>\$179,600,000</b>	<b>\$60,656,957</b>	<b>\$120,294,443</b>	<b>\$15,113,377</b>	<b>\$159,484,406</b>	<b>\$174,597,783</b>	<b>1.5x</b>	<b>18.4%</b>

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See Important Information pages herein including [Abbott and Portfolio Investment Performance Information](#).

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# VCERA STATEMENT OF INVESTMENTS

AS OF DEC 31 2022

Buyouts & Special Situations	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation	Total Value	TVPI	IRR
ABRY Partners IX	12/06/2018	2019	\$10,600,000	\$2,282,490	\$9,925,619	\$1,608,110	\$12,351,823	\$13,959,932	1.4x	18.7%
Advent International GPE IX	05/23/2019	2019	\$10,000,000	\$1,299,278	\$8,700,722	\$799,600	\$12,278,284	\$13,077,884	1.5x	27.4%
Advent International GPE X	04/28/2022	2022	\$20,000,000	\$19,300,000	\$700,000	-	\$653,528	\$653,528	0.9x	-23.0%
Astorg VII	12/17/2018	2019	\$8,715,479	\$945,262	\$7,770,216	-	\$9,636,788	\$9,636,788	1.2x	13.9%
Astorg VIII	02/01/2022	2022	\$18,138,577	\$15,150,886	\$2,987,691	-	\$2,636,828	\$2,636,828	0.9x	-34.9%
CapVest Equity Partners IV	07/11/2018	2020	\$12,398,348	\$4,431,433	\$7,966,915	-	\$10,030,888	\$10,030,888	1.3x	17.5%
CapVest Equity Partners V	11/23/2021	2023	\$18,467,577	\$18,467,577	-	-	(\$474,687)	(\$474,687)	-	N/A
Charlesbank Equity Fund X	11/20/2020	2021	\$24,000,000	\$13,932,688	\$10,074,622	\$73,953	\$11,490,245	\$11,564,198	1.1x	19.0%
Charlesbank Equity Overage Fund X	11/20/2020	2021	\$6,000,000	\$1,666,946	\$4,337,517	\$31,636	\$4,729,209	\$4,760,845	1.1x	14.7%
Clearlake Capital Partners V	12/22/2017	2018	\$9,950,000	\$2,129,324	\$14,059,510	\$17,758,524	\$12,352,543	\$30,111,067	2.1x	44.2%
Clearlake Capital Partners VI	01/02/2020	2020	\$18,700,000	\$522,109	\$18,922,043	\$1,566,382	\$27,076,327	\$28,642,709	1.5x	30.8%
Clearlake Capital Partners VII	09/17/2021	2022	\$20,000,000	\$11,794,211	\$8,205,789	\$487	\$7,996,014	\$7,996,501	1.0x	-5.0%
CVC Capital Partners VIII	05/22/2020	2021	\$19,775,665	\$8,299,317	\$11,476,347	-	\$11,850,556	\$11,850,556	1.0x	6.5%
ECI 11	07/05/2018	2018	\$9,710,273	\$1,989,603	\$7,720,670	\$3,884,612	\$8,073,212	\$11,957,825	1.5x	22.0%
ECI 12	07/15/2022	2023	\$20,137,194	\$20,137,194	-	-	-	-	-	N/A
Flexpoint Fund IV-A	07/02/2019	2020	\$10,650,000	\$4,544,623	\$6,105,377	\$1,412,900	\$8,012,117	\$9,425,017	1.5x	31.9%
Flexpoint Overage Fund IV-A	07/02/2019	2021	\$3,550,000	\$1,278,409	\$2,271,591	-	\$2,548,299	\$2,548,299	1.1x	10.1%
Genstar Capital Partners IX	02/21/2019	2019	\$7,500,000	\$1,179,665	\$7,113,299	\$3,147,426	\$9,987,614	\$13,135,040	1.8x	37.8%
Genstar Capital Partners IX Opportunities Program	02/21/2019	2019	\$2,500,000	\$451,516	\$2,152,214	\$940,541	\$2,995,571	\$3,936,112	1.8x	29.6%
Genstar Capital Partners X	04/01/2021	2021	\$15,000,000	\$7,492,231	\$7,507,769	-	\$7,851,095	\$7,851,095	1.0x	8.5%
Genstar Capital Partners X Opportunities Program	04/01/2021	2021	\$5,000,000	\$2,080,221	\$2,919,779	-	\$3,060,154	\$3,060,154	1.0x	7.5%
Great Hill Equity Partners VII	06/28/2019	2020	\$8,900,000	\$892,507	\$8,007,493	\$2,458,521	\$8,276,095	\$10,734,616	1.3x	73.4%

N/A = Not applicable; these investments have not started calling capital.

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# VCERA STATEMENT OF INVESTMENTS

AS OF DEC 31 2022

Buyouts & Special Situations	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation	Total Value	TVPI	IRR
Great Hill Equity Partners VIII	11/01/2021	2022	\$25,000,000	\$23,711,891	\$1,288,109	-	(\$251,302)	(\$251,302)	-0.2x	-100.0%
Green Equity Investors IX	03/01/2022	2023	\$13,300,000	\$13,300,000	-	-	(\$17,732)	(\$17,732)	-	N/A
Green Equity Investors VIII	10/18/2019	2020	\$15,000,000	\$2,049,081	\$13,070,155	\$119,236	\$14,234,486	\$14,353,722	1.1x	7.3%
GTCR Fund XII	09/29/2017	2017	\$30,000,000	\$5,467,108	\$24,532,892	\$12,846,870	\$32,806,161	\$45,653,031	1.9x	27.9%
GTCR Fund XIII	10/27/2020	2021	\$30,000,000	\$14,656,348	\$15,343,652	\$3,268,145	\$14,799,906	\$18,068,051	1.2x	31.9%
GTCR Strategic Growth Fund I	01/18/2022	2022	\$10,000,000	\$9,687,000	\$313,000	-	\$41,590	\$41,590	0.1x	-100.0%
Hellman & Friedman Capital Partners IX	09/28/2018	2019	\$19,800,000	\$592,948	\$20,256,309	\$1,156,489	\$24,459,791	\$25,616,280	1.3x	13.2%
Hellman & Friedman Capital Partners X	05/10/2021	2021	\$20,000,000	\$9,098,090	\$10,921,971	\$20,061	\$10,580,507	\$10,600,568	1.0x	-3.0%
Insight Venture Partners X	10/13/2017	2018	\$25,000,000	\$1,235,312	\$25,680,872	\$10,857,572	\$49,505,583	\$60,363,155	2.4x	28.3%
Jade Equity Investors II	03/01/2022	2023	\$6,700,000	\$6,700,000	-	-	(\$6,201)	(\$6,201)	-	N/A
Kinderhook Capital Fund 7	01/28/2022	2022	\$10,000,000	\$7,106,422	\$2,893,578	\$4,083	\$4,077,921	\$4,082,004	1.4x	178.3%
M/C Partners IX	05/06/2022	2023	\$10,000,000	\$10,000,000	-	-	-	-	-	N/A
M/C Partners VIII	04/02/2018	2019	\$10,000,000	\$2,671,208	\$7,328,792	\$929,368	\$7,754,709	\$8,684,077	1.2x	9.7%
Prairie Capital VII QP	04/06/2021	2021	\$10,800,000	\$7,128,000	\$3,672,000	-	\$3,974,905	\$3,974,905	1.1x	7.8%
Ridgemont Equity Partners IV	10/29/2021	2023	\$20,000,000	\$20,000,000	-	-	\$22,993	\$22,993	-	N/A
Riverside Micro-Cap Fund V	08/21/2018	2019	\$10,000,000	\$1,938,800	\$8,061,200	-	\$11,899,361	\$11,899,361	1.5x	20.5%
Riverside Micro-Cap Fund VI	08/26/2021	2022	\$20,000,000	\$18,671,611	\$1,328,389	-	\$1,076,098	\$1,076,098	0.8x	-56.6%
TA XIII	05/02/2019	2019	\$10,000,000	\$200,000	\$9,800,000	\$3,650,000	\$12,457,435	\$16,107,435	1.6x	34.8%
TA XIV	05/27/2021	2021	\$10,000,000	\$4,200,000	\$5,800,000	-	\$5,260,297	\$5,260,297	0.9x	-16.2%
The Resolute Fund IV	05/02/2018	2018	\$20,000,000	\$2,358,372	\$21,313,069	\$12,324,946	\$31,943,158	\$44,268,104	2.1x	43.5%
Vitruvian Investment Partnership IV	06/03/2020	2020	\$20,193,551	\$7,819,071	\$12,374,480	-	\$14,050,592	\$14,050,592	1.1x	15.0%
<b>Total Buyouts &amp; Special Situations</b>			<b>\$625,486,663</b>	<b>\$308,858,753</b>	<b>\$332,903,651</b>	<b>\$78,859,461</b>	<b>\$412,082,761</b>	<b>\$490,942,222</b>	<b>1.5x</b>	<b>26.5%</b>

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# VCERA STATEMENT OF INVESTMENTS

AS OF DEC 31 2022

Funds of Funds	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation	Total Value	TVPI	IRR
Adams Street 2013 Global Fund	06/27/2013	2013	\$75,000,000	\$5,680,259	\$69,319,741	\$63,903,906	\$83,336,806	\$147,240,712	2.1x	14.8%
Adams Street 2016 Global Fund	08/16/2016	2016	\$60,000,000	\$10,615,224	\$49,384,776	\$21,068,412	\$73,568,590	\$94,637,002	1.9x	21.5%
Adams Street Partnership Fund – 2010 Non-U.S. Developed Markets Fund	05/21/2010	2010	\$25,500,000	\$2,537,251	\$22,962,749	\$33,107,393	\$11,533,306	\$44,640,699	1.9x	13.3%
Adams Street Partnership Fund – 2010 Non-U.S. Emerging Markets Fund	05/21/2010	2010	\$8,500,000	\$867,000	\$7,633,000	\$7,605,239	\$7,912,914	\$15,518,153	2.0x	10.8%
Adams Street Partnership Fund – 2010 U.S. Fund	05/21/2010	2010	\$42,500,000	\$5,057,500	\$37,442,500	\$67,869,468	\$27,972,959	\$95,842,427	2.6x	17.1%
Buenaventure One, LLC <sup>1</sup>	01/05/2018	2018	\$289,599,750	\$148,979,160	\$140,620,590	\$17,233,156	\$192,766,982	\$210,000,138	1.5x	21.8%
<b>Total Funds of Funds</b>			<b>\$501,099,750</b>	<b>\$173,736,394</b>	<b>\$327,363,356</b>	<b>\$210,787,574</b>	<b>\$397,091,557</b>	<b>\$607,879,131</b>	<b>1.9x</b>	<b>16.6%</b>
<b>Total Primary Investments</b>			<b>\$1,306,186,413</b>	<b>\$543,252,104</b>	<b>\$780,561,450</b>	<b>\$304,760,412</b>	<b>\$968,658,724</b>	<b>\$1,273,419,136</b>	<b>1.6x</b>	<b>18.4%</b>

<sup>1</sup>Commitment and other metrics for Buenaventure One, LLC reflect the aggregate amount committed to portfolio funds by Buenaventure One, LLC.

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See Important Information pages herein including **Abbott and Portfolio Investment Performance Information**.

# VCERA STATEMENT OF INVESTMENTS

AS OF DEC 31 2022

Secondary Funds of Funds	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation	Total Value	TVPI	IRR
Abbott Secondary Opportunities II, L.P.	01/31/2020	2021	\$40,000,000	\$24,393,278	\$15,606,722	\$4,200,000	\$16,895,733	\$21,095,733	1.4x	77.0%
Abbott Secondary Opportunities, L.P.	12/21/2017	2016	\$25,000,000	\$378,552	\$24,984,164	\$29,843,875	\$11,432,328	\$41,276,203	1.7x	25.9%
Adams Street Global Secondary Fund 7	11/04/2022	2022	\$25,000,000	\$21,250,000	\$3,822,560	-	\$5,210,290	\$5,210,290	1.4x	1588.0%
HarbourVest - Dover Street IX	07/08/2016	2016	\$60,000,000	\$7,800,000	\$52,200,000	\$53,689,599	\$37,202,541	\$90,892,140	1.7x	23.5%
HarbourVest - Dover Street VIII	05/30/2013	2012	\$67,500,000	\$5,400,000	\$62,184,954	\$97,765,779	\$7,785,081	\$105,550,860	1.7x	19.9%
HarbourVest - Dover Street X	05/31/2019	2019	\$40,000,000	\$14,700,000	\$25,300,000	\$8,766,500	\$30,623,393	\$39,389,893	1.6x	40.7%
Pantheon Global Secondary Fund IV	06/24/2010	2010	\$15,000,000	\$2,040,000	\$9,960,000	\$14,929,293	\$1,043,499	\$15,972,792	1.6x	12.9%
Pantheon Global Secondary Fund V	02/06/2015	2015	\$50,000,000	\$10,383,491	\$39,616,509	\$30,059,484	\$34,633,853	\$64,693,337	1.6x	13.3%
Pantheon Global Secondary Fund VI	02/24/2020	2020	\$25,000,000	\$8,387,113	\$16,847,805	\$3,224,621	\$25,569,640	\$28,794,261	1.7x	30.3%
Pantheon Global Secondary Fund VII	10/28/2021	2022	\$25,000,000	\$20,526,654	\$4,473,346	\$48,551	\$4,802,751	\$4,851,302	1.1x	14.9%
<b>Total Secondary Funds of Funds</b>			<b>\$372,500,000</b>	<b>\$115,259,088</b>	<b>\$254,996,061</b>	<b>\$242,527,702</b>	<b>\$175,199,109</b>	<b>\$417,726,811</b>	<b>1.6x</b>	<b>19.8%</b>
Co-Investment Funds	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sup>1</sup>	Total Value	TVPI	IRR
Adams Street 2010 Direct Fund	05/21/2010	2010	\$8,500,000	\$331,500	\$8,168,500	\$11,837,557	\$3,520,358	\$15,357,915	1.9x	12.0%
Adams Street Co-Investment Fund IV A	09/24/2018	2018	\$30,000,000	\$5,062,521	\$28,267,931	\$9,740,499	\$34,956,164	\$44,696,663	1.6x	23.3%
Adams Street Co-Investment Fund V	09/30/2021	2022	\$35,000,000	\$33,250,000	\$1,750,000	-	\$2,076,426	\$2,076,426	1.2x	35.0%
HarbourVest Partners Co-Investment IV	05/31/2017	2016	\$30,000,000	\$5,732,352	\$24,464,388	\$23,670,200	\$22,778,067	\$46,448,267	1.9x	17.2%
HarbourVest Partners Co-Investment V	07/31/2018	2019	\$35,000,000	\$7,875,000	\$27,125,000	\$5,592,394	\$43,383,268	\$48,975,662	1.8x	27.4%
HarbourVest Partners Co-Investment VI	06/24/2021	2021	\$35,000,000	\$26,250,000	\$8,750,000	-	\$8,700,216	\$8,700,216	1.0x	-1.6%
<b>Total Co-Investment Funds</b>			<b>\$173,500,000</b>	<b>\$78,501,373</b>	<b>\$98,525,819</b>	<b>\$50,840,650</b>	<b>\$115,414,499</b>	<b>\$166,255,149</b>	<b>1.7x</b>	<b>18.1%</b>
<b>Total Secondary Funds of Funds &amp; Co-Investments Funds</b>			<b>\$546,000,000</b>	<b>\$193,760,461</b>	<b>\$353,521,880</b>	<b>\$293,368,352</b>	<b>\$290,613,608</b>	<b>\$583,981,960</b>	<b>1.7x</b>	<b>19.3%</b>
<b>Total Portfolio Funds</b>			<b>\$1,852,186,413</b>	<b>\$737,012,565</b>	<b>\$1,134,083,330</b>	<b>\$598,128,764</b>	<b>\$1,259,272,332</b>	<b>\$1,857,401,096</b>	<b>1.6x</b>	<b>18.7%<sub>1</sub></b>
<b>Net IRR</b>										<b>18.6%<sub>2</sub></b>

<sup>1</sup>IRR is net of management fees paid to underlying and/or fund of fund managers, but gross of fees paid directly to Abbott and takes into account net gains and losses realized on the sale of distributed stock.

<sup>2</sup>IRR is net of management fees paid to Abbott but does not take into account gains and losses realized on the sale of distributed stock.

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STATEMENT OF INVESTMENTS  
AS OF JUN 30 2023



# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Venture Capital & Growth Equity	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sub>1</sub>	Total Value	TVPI	IRR	NAV as of
Battery Ventures XII	02/01/2018	2018	\$9,050,000	\$888,710	\$8,161,290	\$5,283,696	\$16,122,771	\$21,406,467	2.6x	29.5%	6/30/23
Battery Ventures XII Side Fund	02/01/2018	2018	\$5,050,000	\$277,245	\$4,772,755	\$5,790,040	\$8,782,944	\$14,572,984	3.1x	36.3%	6/30/23
Battery Ventures XIII	02/11/2020	2020	\$9,240,000	\$1,459,920	\$7,780,080	-	\$9,586,799	\$9,586,799	1.2x	11.0%	6/30/23
Battery Ventures XIII Side Fund	02/11/2020	2020	\$6,160,000	\$1,034,880	\$5,125,120	-	\$7,100,207	\$7,100,207	1.4x	16.8%	6/30/23
Battery Ventures XIV	02/24/2022	2022	\$10,000,000	\$7,990,000	\$2,010,000	-	\$1,786,967	\$1,786,967	0.9x	-21.8%	6/30/23
CRV XIX	01/27/2022	2022	\$10,000,000	\$7,925,000	\$2,075,000	-	\$1,746,201	\$1,746,201	0.8x	-26.3%	6/30/23
CRV XVIII	07/02/2020	2020	\$15,000,000	\$2,887,500	\$12,112,500	-	\$12,892,568	\$12,892,568	1.1x	3.5%	6/30/23
Drive Capital Fund II	08/19/2016	2016	\$15,000,000	\$57,157	\$14,946,053	\$5,047,070	\$14,719,638	\$19,766,708	1.3x	6.8%	6/30/23
Drive Capital Fund III	04/05/2019	2019	\$7,500,000	\$1,244,587	\$6,255,413	-	\$7,218,434	\$7,218,434	1.2x	7.1%	6/30/23
Drive Capital Fund IV	12/27/2021	2022	\$10,000,000	\$5,666,908	\$4,333,092	-	\$3,948,659	\$3,948,659	0.9x	-8.0%	6/30/23
Drive Capital Overdrive Fund I	04/05/2019	2019	\$7,500,000	\$133,227	\$7,366,773	\$12,492	\$9,210,640	\$9,223,132	1.3x	8.0%	6/30/23
Drive Capital Overdrive Fund II	12/27/2021	2022	\$10,000,000	\$5,337,025	\$4,662,975	-	\$4,547,838	\$4,547,838	1.0x	-2.6%	6/30/23
GGV Capital VII	08/15/2018	2019	\$10,160,000	\$508,000	\$9,652,000	\$69,608	\$13,169,644	\$13,239,252	1.4x	11.1%	6/30/23
GGV Capital VII Plus	08/15/2018	2019	\$2,540,000	\$63,500	\$2,476,500	-	\$3,204,432	\$3,204,432	1.3x	8.9%	6/30/23
GGV Capital VIII	10/30/2020	2021	\$9,180,000	\$3,809,700	\$5,370,300	-	\$6,039,277	\$6,039,277	1.1x	8.1%	6/30/23
GGV Capital VIII Plus	10/30/2020	2021	\$2,295,000	\$1,239,300	\$1,055,700	-	\$1,095,462	\$1,095,462	1.0x	2.3%	6/30/23
GGV Discovery II	08/15/2018	2019	\$2,100,000	\$84,000	\$2,016,000	-	\$3,831,070	\$3,831,070	1.9x	24.7%	6/30/23
GGV Discovery III	10/30/2020	2021	\$3,825,000	\$1,893,375	\$1,931,625	-	\$2,791,567	\$2,791,567	1.4x	26.2%	6/30/23
Oak HC/FT Partners III	07/31/2019	2019	\$15,000,000	\$1,348,190	\$15,048,730	\$1,396,920	\$23,050,716	\$24,447,636	1.6x	22.1%	6/30/23
Oak HC/FT Partners IV	02/17/2021	2021	\$10,000,000	\$1,440,435	\$8,559,565	-	\$9,681,235	\$9,681,235	1.1x	8.5%	6/30/23
Oak HC/FT Partners V	05/11/2022	2022	\$10,000,000	\$8,629,690	\$1,370,310	-	\$1,473,915	\$1,473,915	1.1x	19.5%	6/30/23
<b>Total Venture Capital &amp; Growth Equity</b>			<b>\$179,600,000</b>	<b>\$53,918,349</b>	<b>\$127,081,781</b>	<b>\$17,599,825</b>	<b>\$162,000,984</b>	<b>\$179,600,809</b>	<b>1.4x</b>	<b>14.8%</b>	

<sup>1</sup>Valuation is based on the most recent available net asset value provided by the general partner of the portfolio fund. If the most recent available net asset value is as of a date other than the report date, the valuation is adjusted by net cash flows from the date of the most recent available net asset value through the report date.

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# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Buyouts & Special Situations	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sup>1</sup>	Total Value	TVPI	IRR	NAV as of
ABRY Partners IX	12/06/2018	2019	\$10,600,000	\$3,137,151	\$10,586,174	\$3,123,326	\$12,521,624	\$15,644,949	1.5x	18.5%	6/30/23
Advent International GPE IX	05/23/2019	2019	\$10,000,000	\$649,362	\$9,350,638	\$999,600	\$12,967,677	\$13,967,277	1.5x	22.2%	6/30/23
Advent International GPE X	04/28/2022	2022	\$20,000,000	\$15,350,000	\$4,650,000	-	\$4,412,073	\$4,412,073	0.9x	-18.4%	6/30/23
Astorg VII	12/17/2018	2019	\$8,729,735	\$503,146	\$8,226,589	-	\$10,544,674	\$10,544,674	1.3x	12.9%	6/30/23
Astorg VIII	02/01/2022	2022	\$18,405,521	\$9,870,151	\$8,535,371	-	\$8,008,603	\$8,008,603	0.9x	-20.5%	6/30/23
BlackFin Financial Services Fund IV	04/06/2023	2023	\$20,256,516	\$20,256,516	-	-	-	-	-	N/A	N/A
CapVest Equity Partners IV	07/11/2018	2020	\$12,487,271	\$4,262,467	\$8,224,804	-	\$10,466,373	\$10,466,373	1.3x	13.7%	6/30/23
CapVest Equity Partners V	11/23/2021	2023	\$18,837,232	\$18,490,765	\$346,467	-	(\$108,029)	(\$108,029)	-0.3x	-100.0%	6/30/23
Charlesbank Equity Fund X	11/20/2020	2021	\$24,000,000	\$13,534,575	\$10,474,475	\$95,719	\$12,099,795	\$12,195,514	1.2x	13.0%	6/30/23
Charlesbank Equity Overage Fund X	11/20/2020	2021	\$6,000,000	\$1,370,079	\$4,634,384	\$31,636	\$5,655,875	\$5,687,511	1.2x	20.2%	6/30/23
Charlesbank Technology Opportunities Fund II	02/21/2023	2023	\$30,000,000	\$30,000,000	-	-	(\$376,910)	(\$376,910)	-	N/A	6/30/23
Clearlake Capital Partners V	12/22/2017	2018	\$9,950,000	\$2,006,446	\$14,212,616	\$18,000,335	\$12,451,393	\$30,451,728	2.1x	41.5%	6/30/23
Clearlake Capital Partners VI	01/02/2020	2020	\$18,700,000	\$522,109	\$18,922,043	\$1,566,382	\$28,609,336	\$30,175,718	1.6x	26.2%	6/30/23
Clearlake Capital Partners VII	09/17/2021	2022	\$20,000,000	\$9,725,311	\$10,274,689	\$487	\$10,718,188	\$10,718,675	1.0x	5.0%	6/30/23
CVC Capital Partners VIII	05/22/2020	2021	\$19,944,921	\$8,521,102	\$11,423,819	\$13,084	\$12,415,428	\$12,428,513	1.1x	8.7%	6/30/23
ECI 11	07/05/2018	2018	\$9,775,550	\$946,890	\$8,828,660	\$4,088,333	\$8,827,063	\$12,915,396	1.5x	18.4%	6/30/23
ECI 12	07/15/2022	2023	\$21,084,084	\$21,084,084	-	-	-	-	-	N/A	N/A
Flexpoint Fund IV-A	07/02/2019	2020	\$10,650,000	\$4,544,623	\$6,105,377	\$2,879,261	\$6,985,619	\$9,864,880	1.6x	28.4%	6/30/23
Flexpoint Overage Fund IV-A	07/02/2019	2021	\$3,550,000	\$1,007,253	\$2,542,747	-	\$2,932,527	\$2,932,527	1.2x	9.5%	6/30/23
Genstar Capital Partners IX	02/21/2019	2019	\$7,500,000	\$1,182,940	\$7,161,214	\$3,496,169	\$10,191,147	\$13,687,316	1.9x	33.3%	6/30/23
Genstar Capital Partners IX Opportunities Program	02/21/2019	2019	\$2,500,000	\$457,745	\$2,156,762	\$1,067,194	\$2,878,797	\$3,945,991	1.8x	25.3%	6/30/23

N/A = Not applicable; these investments have not started calling capital

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# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Buyouts & Special Situations	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sup>1</sup>	Total Value	TVPI	IRR	NAV as of
Genstar Capital Partners X	04/01/2021	2021	\$15,000,000	\$5,468,267	\$9,560,745	\$29,012	\$9,879,877	\$9,908,889	1.0x	4.2%	6/30/23
Genstar Capital Partners X Opportunities Program	04/01/2021	2021	\$5,000,000	\$1,793,887	\$3,206,113	\$9,743	\$3,357,685	\$3,367,428	1.1x	4.8%	6/30/23
Genstar Capital Partners XI	04/26/2023	2023	\$20,000,000	\$20,000,000	-	-	-	-	-	N/A	N/A
Great Hill Equity Partners VII	06/28/2019	2020	\$8,900,000	\$740,942	\$8,159,058	\$2,458,521	\$8,860,139	\$11,318,660	1.4x	44.5%	6/30/23
Great Hill Equity Partners VIII	11/01/2021	2022	\$25,000,000	\$19,792,761	\$5,207,239	-	\$4,092,963	\$4,092,963	0.8x	-57.8%	6/30/23
Green Equity Investors IX	03/01/2022	2023	\$13,300,000	\$13,300,000	-	-	\$75,374	\$75,374	-	N/A	6/30/23
Green Equity Investors VIII	10/18/2019	2020	\$15,000,000	\$1,698,745	\$13,420,491	\$119,236	\$15,529,888	\$15,649,124	1.2x	9.0%	6/30/23
GTCR Fund XII	09/29/2017	2017	\$30,000,000	\$5,467,108	\$24,532,892	\$12,846,870	\$32,194,351	\$45,041,221	1.8x	24.0%	6/30/23
GTCR Fund XIII	10/27/2020	2021	\$30,000,000	\$14,656,348	\$15,343,652	\$3,268,145	\$14,955,898	\$18,224,043	1.2x	19.1%	6/30/23
GTCR Fund XIV	01/12/2023	2023	\$20,000,000	\$20,000,000	-	-	-	-	-	N/A	N/A
GTCR Strategic Growth Fund I	01/18/2022	2022	\$10,000,000	\$8,578,000	\$1,422,000	-	\$1,156,990	\$1,156,990	0.8x	-35.1%	6/30/23
Hellman & Friedman Capital Partners IX	09/28/2018	2019	\$19,800,000	\$537,072	\$20,312,185	\$1,156,489	\$27,034,400	\$28,190,889	1.4x	14.8%	6/30/23
Hellman & Friedman Capital Partners X	05/10/2021	2021	\$20,000,000	\$5,573,329	\$14,446,719	\$54,137	\$15,341,722	\$15,395,859	1.1x	5.4%	6/30/23
Hellman & Friedman Capital Partners XI	03/31/2023	2023	\$20,000,000	\$20,000,000	-	-	-	-	-	N/A	N/A
Insight Venture Partners X	10/13/2017	2018	\$25,000,000	\$855,061	\$26,180,872	\$11,860,083	\$53,445,703	\$65,305,787	2.5x	27.4%	6/30/23
Jade Equity Investors II	03/01/2022	2023	\$6,700,000	\$6,700,000	-	-	(\$12,721)	(\$12,721)	-	N/A	6/30/23
Kinderhook Capital Fund 7	01/28/2022	2022	\$10,000,000	\$6,390,195	\$3,609,805	\$4,083	\$6,238,443	\$6,242,526	1.7x	110.5%	6/30/23
M/C Partners IX	05/06/2022	2023	\$10,000,000	\$10,000,000	-	-	(\$56,340)	(\$56,340)	-	N/A	6/30/23
M/C Partners VIII	04/02/2018	2019	\$10,000,000	\$2,352,568	\$7,647,432	\$1,194,902	\$7,963,971	\$9,158,873	1.2x	8.6%	6/30/23
Parthenon Investors VII	03/14/2023	2023	\$20,000,000	\$20,000,000	-	-	-	-	-	N/A	N/A
Prairie Capital VII QP	04/06/2021	2021	\$10,800,000	\$6,156,000	\$4,644,000	-	\$4,714,482	\$4,714,482	1.0x	1.2%	6/30/23

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# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Buyouts & Special Situations	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sub>1</sub>	Total Value	TVPI	IRR	NAV as of
Ridgemont Equity Partners IV	10/29/2021	2023	\$20,000,000	\$18,448,188	\$1,551,812	-	\$1,681,531	\$1,681,531	1.1x	18.6%	6/30/23
Riverside Micro-Cap Fund V	08/21/2018	2019	\$10,000,000	\$1,905,844	\$8,637,774	\$1,015,813	\$11,613,946	\$12,629,759	1.5x	17.0%	6/30/23
Riverside Micro-Cap Fund VI	08/26/2021	2022	\$20,000,000	\$14,438,060	\$5,561,940	\$4,966	\$5,775,320	\$5,780,286	1.0x	10.9%	6/30/23
TA XIII	05/02/2019	2019	\$10,000,000	\$925,000	\$9,800,000	\$3,650,000	\$12,769,103	\$16,419,103	1.7x	29.2%	6/30/23
TA XIV	05/27/2021	2021	\$10,000,000	\$3,400,000	\$6,600,000	-	\$6,096,753	\$6,096,753	0.9x	-8.2%	6/30/23
TA XV	04/27/2023	2023	\$20,000,000	\$20,000,000	-	-	-	-	-	N/A	N/A
The Resolute Fund IV	05/02/2018	2018	\$20,000,000	\$2,493,677	\$21,313,069	\$12,695,432	\$35,149,054	\$47,844,486	2.2x	40.9%	6/30/23
Vitruvian Investment Partnership IV	06/03/2020	2020	\$20,364,507	\$3,821,184	\$16,543,323	-	\$18,701,657	\$18,701,657	1.1x	11.7%	6/30/23
<b>Total Buyouts &amp; Special Situations</b>			<b>\$777,835,337</b>	<b>\$422,914,950</b>	<b>\$374,357,950</b>	<b>\$85,728,959</b>	<b>\$468,761,444</b>	<b>\$554,490,403</b>	<b>1.5x</b>	<b>23.4%</b>	

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# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Funds of Funds	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sub>1</sub>	Total Value	TVPI	IRR	NAV as of
Adams Street 2013 Global Fund	06/27/2013	2013	\$75,000,000	\$5,680,259	\$69,319,741	\$69,218,870	\$78,339,108	\$147,557,978	2.1x	14.2%	6/30/23
Adams Street 2016 Global Fund	08/16/2016	2016	\$60,000,000	\$10,615,224	\$49,384,776	\$21,068,412	\$74,592,490	\$95,660,902	1.9x	19.6%	3/31/23
Adams Street Partnership Fund - 2010 Non-U.S. Developed Markets Fund	05/21/2010	2010	\$25,500,000	\$2,537,251	\$22,962,749	\$33,935,811	\$10,738,721	\$44,674,532	1.9x	13.1%	3/31/23
Adams Street Partnership Fund - 2010 Non-U.S. Emerging Markets Fund	05/21/2010	2010	\$8,500,000	\$867,000	\$7,633,000	\$8,032,589	\$7,434,330	\$15,466,919	2.0x	10.4%	6/30/23
Adams Street Partnership Fund - 2010 U.S. Fund	05/21/2010	2010	\$42,500,000	\$5,057,500	\$37,442,500	\$69,102,240	\$26,129,923	\$95,232,163	2.5x	16.7%	3/31/23
Buenaventure One, LLC <sup>2</sup>	01/05/2018	2018	\$289,599,750	\$138,089,160	\$151,510,590	\$17,233,156	\$205,715,770	\$222,948,926	1.5x	18.1%	3/31/23
<b>Total Funds of Funds</b>			<b>\$501,099,750</b>	<b>\$162,846,394</b>	<b>\$338,253,356</b>	<b>\$218,591,078</b>	<b>\$402,950,342</b>	<b>\$621,541,420</b>	<b>1.8x</b>	<b>15.7%</b>	
<b>Total Primary Investments</b>			<b>\$1,458,535,087</b>	<b>\$639,679,693</b>	<b>\$839,693,087</b>	<b>\$321,919,862</b>	<b>\$1,033,712,770</b>	<b>\$1,355,632,632</b>	<b>1.6x</b>	<b>17.1%</b>	

<sup>1</sup>Valuation is based on the most recent available net asset value provided by the general partner of the portfolio fund. If the most recent available net asset value is as of a date other than the report date, the valuation is adjusted by net cash flows from the date of the most recent available net asset value through the report date.

<sup>2</sup>Commitment and other metrics for Buenaventure One, LLC reflect the aggregate amount committed to portfolio funds by Buenaventure One, LLC.

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See Important Information pages herein including [Abbott and Portfolio Investment Performance Information](#).

# VCERA STATEMENT OF INVESTMENTS

ROLLFORWARD AS OF JUN 30 2023

Secondary Funds of Funds	Initial Closing Date	Vintage Year	Commitment	Unfunded Commitment	Amount Paid-in	Distributions	Valuation <sub>1</sub>	Total Value	TVPI	IRR	NAV as of
Abbott Secondary Opportunities II, L.P.	01/31/2020	2021	\$40,000,000	\$17,065,592	\$22,934,408	\$4,600,000	\$25,698,726	\$30,298,726	1.3x	51.7%	6/30/23
Abbott Secondary Opportunities III, L.P.	06/28/2023	2024	\$50,000,000	\$50,000,000	-	-	-	-	-	N/A	N/A
Abbott Secondary Opportunities, L.P.	12/21/2017	2016	\$25,000,000	\$288,108	\$25,074,608	\$30,935,775	\$10,670,452	\$41,606,227	1.7x	24.9%	6/30/23
Adams Street Global Secondary Fund 7	11/04/2022	2022	\$25,000,000	\$19,625,000	\$5,447,560	-	\$7,020,543	\$7,020,543	1.3x	68.7%	3/31/23
HarbourVest - Dover Street IX	07/08/2016	2016	\$60,000,000	\$7,200,000	\$52,800,000	\$55,495,915	\$36,505,776	\$92,001,691	1.7x	22.3%	3/31/23
HarbourVest - Dover Street VIII	05/30/2013	2012	\$67,500,000	\$5,400,000	\$62,184,954	\$98,517,562	\$6,942,103	\$105,459,665	1.7x	19.8%	3/31/23
HarbourVest - Dover Street X	05/31/2019	2019	\$40,000,000	\$13,900,000	\$26,100,000	\$9,864,775	\$30,786,690	\$40,651,465	1.6x	31.9%	3/31/23
HarbourVest - Dover Street XI	01/27/2023	2023	\$40,000,000	\$37,600,000	\$2,400,000	-	\$3,899,168	\$3,899,168	1.6x	>1000%	3/31/23
Pantheon Global Secondary Fund IV	06/24/2010	2010	\$15,000,000	\$2,040,000	\$9,960,000	\$14,996,793	\$1,005,047	\$16,001,840	1.6x	12.9%	3/31/23
Pantheon Global Secondary Fund V	02/06/2015	2015	\$50,000,000	\$10,383,491	\$39,616,509	\$32,192,573	\$32,259,832	\$64,452,405	1.6x	12.5%	3/31/23
Pantheon Global Secondary Fund VI	02/24/2020	2020	\$25,000,000	\$7,887,113	\$17,347,805	\$3,476,162	\$27,062,025	\$30,538,187	1.8x	26.6%	3/31/23
Pantheon Global Secondary Fund VII	10/28/2021	2022	\$25,000,000	\$19,151,369	\$5,848,631	\$80,542	\$7,104,232	\$7,184,774	1.2x	26.5%	3/31/23
<b>Total Secondary Funds of Funds</b>			<b>\$462,500,000</b>	<b>\$190,540,673</b>	<b>\$269,714,476</b>	<b>\$250,160,098</b>	<b>\$188,954,594</b>	<b>\$439,114,692</b>	<b>1.6x</b>	<b>19.2%</b>	
<b>Co-Investment Funds</b>											
Adams Street 2010 Direct Fund	05/21/2010	2010	\$8,500,000	\$331,500	\$8,168,500	\$12,560,694	\$2,809,007	\$15,369,701	1.9x	11.9%	6/30/23
Adams Street Co-Investment Fund IV A	09/24/2018	2018	\$30,000,000	\$5,062,521	\$28,267,931	\$10,574,191	\$35,721,831	\$46,296,022	1.6x	21.4%	6/30/23
Adams Street Co-Investment Fund V	09/30/2021	2022	\$35,000,000	\$26,250,000	\$8,750,000	-	\$9,823,440	\$9,823,440	1.1x	30.3%	6/30/23
HarbourVest Partners Co-Investment IV	05/31/2017	2016	\$30,000,000	\$5,732,352	\$24,464,388	\$23,670,200	\$23,188,246	\$46,858,446	1.9x	16.5%	3/31/23
HarbourVest Partners Co-Investment V	07/31/2018	2019	\$35,000,000	\$7,875,000	\$27,125,000	\$6,938,328	\$41,370,939	\$48,309,267	1.8x	22.4%	3/31/23
HarbourVest Partners Co-Investment VI	06/24/2021	2021	\$35,000,000	\$17,500,000	\$17,500,000	-	\$17,987,702	\$17,987,702	1.0x	5.6%	3/31/23
<b>Total Co-Investment Funds</b>			<b>\$173,500,000</b>	<b>\$62,751,373</b>	<b>\$114,275,819</b>	<b>\$53,743,413</b>	<b>\$130,901,165</b>	<b>\$184,644,578</b>	<b>1.6x</b>	<b>17.0%</b>	
<b>Total Secondary Funds of Funds &amp; Co-Investments Funds</b>			<b>\$636,000,000</b>	<b>\$253,292,046</b>	<b>\$383,990,295</b>	<b>\$303,903,511</b>	<b>\$319,855,759</b>	<b>\$623,759,270</b>	<b>1.6x</b>	<b>18.6%</b>	
<b>Total Portfolio Funds</b>			<b>\$2,094,535,087</b>	<b>\$892,971,739</b>	<b>\$1,223,683,382</b>	<b>\$625,823,373</b>	<b>\$1,353,568,529</b>	<b>\$1,979,391,902</b>	<b>1.6x</b>	<b>17.6%</b> <sub>2</sub>	
<b>Net IRR</b>										<b>17.5%</b> <sub>3</sub>	

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<sup>2</sup>IRR is net of management fees paid to underlying and/or fund of fund managers, but gross of fees paid directly to Abbott and takes into account net gains and losses realized on the sale of distributed stock.

<sup>3</sup>IRR is net of management fees paid to Abbott but does not take into account gains and losses realized on the sale of distributed stock.

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See Important Information pages herein including **Abbott and Portfolio Investment Performance Information**.

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# VCERA PORTFOLIO NET PERFORMANCE

ROLLFORWARD AS OF JUN 30 2023

## VCERA Portfolio – Net Performance

Period	1 year	2 years	3 years	5 years	7 years	10 years	Since inception
VCERA Portfolio <sub>1</sub>	0.5%	4.9%	21.1%	18.2%	18.3%	17.5%	17.5%
Russell 3000 (PME+) +200bps	20.7%	3.8%	14.1%	13.1%	14.0%	13.6%	13.7%
<b>Difference</b>	<b>-20.2%</b>	<b>1.1%</b>	<b>7.0%</b>	<b>5.1%</b>	<b>4.3%</b>	<b>3.9%</b>	<b>3.8%</b>

<sup>1</sup>Rollforward Net Performance IRR is estimated based on the most recent available net asset value provided by the general partners of the portfolio fund. If the most recent available net asset value is as of a date other than the report date, the valuation is adjusted by net cash flows from the date of the most recent available net asset value through the report date.

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# CALIFORNIA DISCLOSURE REPORTING



# CALIFORNIA DISCLOSURE REPORTING

CALIFORNIA CODE, GOVERNMENT CODE - GOV § 7514.7

Name of Fund	Address of Fund Manager	Closing Date	Commitment	Vintage Year
Abbott Secondary Opportunities II, L.P.	640 Fifth Avenue, 7th Floor, New York, NY 10019	01/31/2020	\$40,000,000	2021
Abbott Secondary Opportunities, L.P.	640 Fifth Avenue, 7th Floor, New York, NY 10019	12/21/2017	\$25,000,000	2016
ABRY Partners IX	888 Boylston St, Suite 1600, Boston, MA 02199	12/06/2018	\$10,600,000	2019
Adams Street 2010 Direct Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$8,500,000	2010
Adams Street 2013 Global Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	06/27/2013	\$75,000,000	2013
Adams Street 2016 Global Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	08/16/2016	\$60,000,000	2016
Adams Street Co-Investment Fund IV A	One North Wacker Drive, Suite 2200, Chicago, IL 60606	09/24/2018	\$30,000,000	2018
Adams Street Co-Investment Fund V	One North Wacker Drive, Suite 2200, Chicago, IL 60606	09/30/2021	\$35,000,000	2022
Adams Street Global Secondary Fund 7	One North Wacker Drive, Suite 2200, Chicago, IL 60606	11/04/2022	\$25,000,000	2022
Adams Street Partnership Fund - 2010 Non-U.S. Developed Markets Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$25,500,000	2010
Adams Street Partnership Fund - 2010 Non-U.S. Emerging Markets Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$8,500,000	2010
Adams Street Partnership Fund - 2010 U.S. Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$42,500,000	2010
Advent International GPE IX	800 Boylston Street, Boston, MA, 02199	05/23/2019	\$10,000,000	2019
Advent International GPE X	800 Boylston Street, Boston, MA, 02199	04/28/2022	\$20,000,000	2022
Astorg VII	68 rue du Faubourg Saint-Honoré, Paris 75008	12/17/2018	\$8,715,479	2019
Astorg VIII	68 rue du Faubourg Saint-Honoré, Paris 75008	02/01/2022	\$18,138,577	2022
Battery Ventures XII	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/01/2018	\$9,050,000	2018
Battery Ventures XII Side Fund	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/01/2018	\$5,050,000	2018
Battery Ventures XIII	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/11/2020	\$9,240,000	2020
Battery Ventures XIII Side Fund	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/11/2020	\$6,160,000	2020
Battery Ventures XIV	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/24/2022	\$10,000,000	2022
Buenaventure One, LLC	640 Fifth Avenue, 7th Floor, New York, NY 10019	01/05/2018	\$289,599,750	2018
CapVest Equity Partners IV	100 Pall Mall, London SW1Y 5NQ	07/11/2018	\$12,398,348	2020
CapVest Equity Partners V	100 Pall Mall, London SW1Y 5NQ	11/23/2021	\$18,467,577	2023
Charlesbank Equity Fund X	200 Clarendon Street, 54th Floor, Boston, MA 02116	11/20/2020	\$24,000,000	2021
Charlesbank Equity Overage Fund X	200 Clarendon Street, 54th Floor, Boston, MA 02116	11/20/2020	\$6,000,000	2021
Clearlake Capital Partners V	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	12/22/2017	\$9,950,000	2018
Clearlake Capital Partners VI	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	01/02/2020	\$18,700,000	2020
Clearlake Capital Partners VII	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	09/17/2021	\$20,000,000	2022
CRV XIX	300 Hamilton Avenue, 3rd Floor, Palo Alto, CA 94301	01/27/2022	\$10,000,000	2022

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# CALIFORNIA DISCLOSURE REPORTING

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Name of Fund	Address of Fund Manager	Closing Date	Commitment	Vintage Year
CRV XVIII	300 Hamilton Avenue, 3rd Floor, Palo Alto, CA 94301	07/02/2020	\$15,000,000	2020
CVC Capital Partners VIII	20 avenue Monterey, L-2163, Luxembourg	05/22/2020	\$19,775,665	2021
Drive Capital Fund II	629 N. High Street, Columbus, OH 43215	08/19/2016	\$15,000,000	2016
Drive Capital Fund III	629 N. High Street, Columbus, OH 43215	04/05/2019	\$7,500,000	2019
Drive Capital Fund IV	629 N. High Street, Columbus, OH 43215	12/27/2021	\$10,000,000	2022
Drive Capital Overdrive Fund I	629 N. High Street, Columbus, OH 43215	04/05/2019	\$7,500,000	2019
Drive Capital Overdrive Fund II	629 N. High Street, Columbus, OH 43215	12/27/2021	\$10,000,000	2022
ECI 11	80 Strand, London WC2R 0DT	07/05/2018	\$9,710,273	2018
ECI 12	80 Strand, London WC2R 0DT	07/15/2022	\$20,137,194	2023
Flexpoint Fund IV-A	676 North Michigan Ave, Suite 3300, Chicago, IL 60611	07/02/2019	\$10,650,000	2020
Flexpoint Overage Fund IV-A	676 North Michigan Ave, Suite 3300, Chicago, IL 60611	07/02/2019	\$3,550,000	2021
Genstar Capital Partners IX	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	02/21/2019	\$7,500,000	2019
Genstar Capital Partners IX Opportunities Program	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	02/21/2019	\$2,500,000	2019
Genstar Capital Partners X	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	04/01/2021	\$15,000,000	2021
Genstar Capital Partners X Opportunities Program	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	04/01/2021	\$5,000,000	2021
GGV Capital VII	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$10,160,000	2019
GGV Capital VII Plus	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$2,540,000	2019
GGV Capital VIII	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$9,180,000	2021
GGV Capital VIII Plus	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$2,295,000	2021
GGV Discovery II	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$2,100,000	2019
GGV Discovery III	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$3,825,000	2021
Great Hill Equity Partners VII	200 Clarendon Street, 29th Floor, Boston, MA 02116	06/28/2019	\$8,900,000	2020
Great Hill Equity Partners VIII	200 Clarendon Street, 29th Floor, Boston, MA 02116	11/01/2021	\$25,000,000	2022
Green Equity Investors IX	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	03/01/2022	\$13,300,000	2023
Green Equity Investors VIII	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	10/18/2019	\$15,000,000	2020
GTCR Fund XII	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	09/29/2017	\$30,000,000	2017
GTCR Fund XIII	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	10/27/2020	\$30,000,000	2021
GTCR Strategic Growth Fund I	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	01/18/2022	\$10,000,000	2022
HarbourVest - Dover Street IX	One Financial Center, Boston, MA 02111	07/08/2016	\$60,000,000	2016
HarbourVest - Dover Street VIII	One Financial Center, Boston, MA 02111	05/30/2013	\$67,500,000	2012

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# CALIFORNIA DISCLOSURE REPORTING

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Name of Fund	Address of Fund Manager	Closing Date	Commitment	Vintage Year
HarbourVest - Dover Street X	One Financial Center, Boston, MA 02111	05/31/2019	\$40,000,000	2019
HarbourVest Partners Co-Investment IV	One Financial Center, Boston, MA 02111	05/31/2017	\$30,000,000	2016
HarbourVest Partners Co-Investment V	One Financial Center, Boston, MA 02111	07/31/2018	\$35,000,000	2019
HarbourVest Partners Co-Investment VI	One Financial Center, Boston, MA 02111	06/24/2021	\$35,000,000	2021
Hellman & Friedman Capital Partners IX	415 Mission Street, Suite 5700, San Francisco, CA 94105	09/28/2018	\$19,800,000	2019
Hellman & Friedman Capital Partners X	415 Mission Street, Suite 5700, San Francisco, CA 94105	05/10/2021	\$20,000,000	2021
Insight Venture Partners X	1114 Avenue of the Americas, 36th Floor, New York, NY 10036	10/13/2017	\$25,000,000	2018
Jade Equity Investors II	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	03/01/2022	\$6,700,000	2023
Kinderhook Capital Fund 7	505 Fifth Avenue, 25th Floor, New York, NY, 10017	01/28/2022	\$10,000,000	2022
M/C Partners IX	53 State Street, Suite 2602, Boston, MA 02109	05/06/2022	\$10,000,000	2023
M/C Partners VIII	53 State Street, Suite 2602, Boston, MA 02109	04/02/2018	\$10,000,000	2019
Oak HC/FT Partners III	2200 Atlantic Street, Suite 300, Stamford, CT 06902	07/31/2019	\$15,000,000	2019
Oak HC/FT Partners IV	2200 Atlantic Street, Suite 300, Stamford, CT 06902	02/17/2021	\$10,000,000	2021
Oak HC/FT Partners V	2200 Atlantic Street, Suite 300, Stamford, CT 06902	05/11/2022	\$10,000,000	2022
Pantheon Global Secondary Fund IV	10 Finsbury Square, 4th Floor, London EC2A1AF	06/24/2010	\$15,000,000	2010
Pantheon Global Secondary Fund V	10 Finsbury Square, 4th Floor, London EC2A1AF	02/06/2015	\$50,000,000	2015
Pantheon Global Secondary Fund VI	10 Finsbury Square, 4th Floor, London EC2A1AF	02/24/2020	\$25,000,000	2020
Pantheon Global Secondary Fund VII	10 Finsbury Square, 4th Floor, London EC2A1AF	10/28/2021	\$25,000,000	2022
Prairie Capital VII QP	191 North Wacker Drive, Chicago, IL 60606	04/06/2021	\$10,800,000	2021
Ridgemont Equity Partners IV	101 S Tryon Street, Suite 3400, Charlotte, NC 28280	10/29/2021	\$20,000,000	2023
Riverside Micro-Cap Fund V	630 Fifth Avenue, Suite 400, New York, NY 10111	08/21/2018	\$10,000,000	2019
Riverside Micro-Cap Fund VI	630 Fifth Avenue, Suite 400, New York, NY 10111	08/26/2021	\$20,000,000	2022
TA XIII	200 Clarendon Street, 56th Floor, Boston, MA 02116	05/02/2019	\$10,000,000	2019
TA XIV	200 Clarendon Street, 56th Floor, Boston, MA 02116	05/27/2021	\$10,000,000	2021
The Resolute Fund IV	399 Park Avenue, 30th Floor, New York, NY 10022	05/02/2018	\$20,000,000	2018
Vitruvian Investment Partnership IV	105 Wigmore Street, London, W1U1QY	06/03/2020	\$20,193,551	2020

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# CALIFORNIA DISCLOSURE REPORTING

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## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
Abbott Secondary Opportunities II, L.P.	\$15,606,722	\$4,200,000	\$16,895,733	1.35	93.82%	76.96%	\$2,600,000	\$1,223,093	\$182,140	\$30,627	\$393,938	\$0
Abbott Secondary Opportunities, L.P.	\$24,984,164	\$29,843,875	\$11,432,328	1.65	27.94%	25.85%	\$1,750,000	\$1,082,374	\$124,880	\$41,949	\$3,170	\$0
ABRY Partners IX	\$9,925,619	\$1,608,110	\$12,351,823	1.41	26.50%	18.70%	\$1,140,125	\$830,424	\$144,567	\$0	\$32,783	\$0
Adams Street 2010 Direct Fund	\$8,168,500	\$11,837,557	\$3,520,358	1.88	17.67%	11.97%	\$556,493	\$127,000	\$50,053	\$20,801	\$3,572	\$473
Adams Street 2013 Global Fund	\$69,319,741	\$63,903,906	\$83,336,806	2.12	16.24%	14.77%	\$15,292,698	\$7,640,043	\$412,149	\$0	\$80,581	\$1,603
Adams Street 2016 Global Fund	\$49,384,776	\$21,068,412	\$73,568,590	1.92	24.54%	21.47%	\$9,959,007	\$5,696,030	\$565,180	\$0	\$124,450	\$945
Adams Street Co-Investment Fund IV A	\$28,267,931	\$9,740,499	\$34,956,164	1.58	28.63%	23.32%	\$3,403,370	\$1,201,548	\$299,820	\$52,627	\$91,551	\$180
Adams Street Co-Investment Fund V	\$1,750,000	\$0	\$2,076,426	1.19	25.25%	35.00%	\$0	\$0	\$44,322	\$0	\$244,706	\$0
Adams Street Global Secondary Fund 7	\$3,822,560	\$0	\$5,210,290	1.36	55.26%	1588.04%	\$0	\$0	\$437,500	\$14,823	\$335,393	\$0
Adams Street Partnership Fund - 2010 Non-U.S. Developed Markets Fund	\$22,962,749	\$33,107,393	\$11,533,306	1.94	15.66%	13.25%	\$4,559,197	\$3,545,140	\$89,833	\$36,223	\$8,037	\$0
Adams Street Partnership Fund - 2010 Non-U.S. Emerging Markets Fund	\$7,633,000	\$7,605,239	\$7,912,914	2.03	12.19%	10.77%	\$947,523	\$545,196	\$29,944	\$0	\$4,531	\$0
Adams Street Partnership Fund - 2010 U.S. Fund	\$37,442,500	\$67,869,468	\$27,972,959	2.56	19.21%	17.05%	\$6,293,029	\$4,002,407	\$149,722	\$35,733	\$24,128	\$0
Advent International GPE IX	\$8,700,722	\$799,600	\$12,278,284	1.50	40.00%	27.43%	\$0	\$0	\$127,614	\$0	\$69,123	\$264
Advent International GPE X	\$700,000	\$0	\$653,528	0.93	76.00%	-22.99%	\$0	\$0	\$174,725	\$0	\$39,429	\$0
Astorg VII	\$7,770,216	\$0	\$9,636,788	1.24	21.50% <sup>4</sup>	13.91%	\$0	\$0	\$85,658	\$0	\$50,104	\$2,695
Astorg VIII	\$2,987,691	\$0	\$2,636,828	0.88	N/A <sup>4</sup>	-34.85%	\$0	\$0	\$206,434	\$0	\$200,954	\$80,647
Battery Ventures XII	\$8,161,290	\$4,839,132	\$18,216,166	2.82	48.40%	35.75%	\$2,837,762	\$2,543,836	\$226,250	\$1,121,613	\$10,752	\$0
Battery Ventures XII Side Fund	\$4,772,755	\$5,433,191	\$9,351,449	3.10	51.90%	40.20%	\$3,447,791	\$3,193,437	\$120,134	\$1,041,097	\$7,119	\$0
Battery Ventures XIII	\$7,331,940	\$0	\$9,721,753	1.33	28.80%	19.03%	\$0	\$0	\$229,093	\$0	\$16,784	\$1,926
Battery Ventures XIII Side Fund	\$4,918,144	\$0	\$7,185,217	1.46	32.30%	25.21%	\$0	\$0	\$115,443	\$0	\$10,679	\$1,926
Battery Ventures XIV	\$800,000	\$0	\$660,469	0.83	0.00%	-47.17%	\$0	\$0	\$116,250	\$0	\$23,331	\$0
Buenaventure One, LLC	\$140,620,590	\$17,233,156	\$192,766,982	1.49	21.83%	21.83%	\$4,950,000	\$4,223,154	\$0	\$0	\$630	\$0
CapVest Equity Partners IV	\$7,966,915	\$0	\$10,030,888	1.26	50.39% <sup>4</sup>	17.50%	\$0	\$0	\$164,222	\$0	\$90,076	\$10,335
CapVest Equity Partners V	\$0	\$0	(\$474,687)		N/A	N/A	\$0	\$0	\$343,041	\$0	\$100,537	\$0
Charlesbank Equity Fund X	\$10,074,622	\$73,953	\$11,490,245	1.15	18.46%	19.03%	\$73,953	\$73,953	\$123,615	\$0	\$298,388	\$17,996
Charlesbank Equity Overage Fund X	\$4,337,517	\$31,636	\$4,729,209	1.10	11.85%	14.68%	\$31,636	\$31,636	\$0	\$0	\$49,389	\$9,403
Clearlake Capital Partners V	\$14,059,510	\$17,758,524	\$12,352,543	2.14	50.20%	44.24%	\$2,925,246	\$1,792,018	\$43,539	\$133,933	\$54,503	\$78,270
Clearlake Capital Partners VI	\$18,922,043	\$1,566,382	\$27,076,327	1.51	36.10%	30.80%	\$926,691	\$388,347	\$28,643	\$0	\$104,282	\$196,334
Clearlake Capital Partners VII	\$8,205,789	\$487	\$7,996,014	0.97	NR	-4.96%	\$487	\$487	\$9,689	\$0	\$181,918	\$133,064

# CALIFORNIA DISCLOSURE REPORTING

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## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
CRV XIX	\$1,275,000	\$0	\$1,078,038	0.85	-32.39%	-32.39%	\$0	\$0	\$186,806	\$0	\$16,732	\$0
CRV XVIII	\$12,112,500	\$0	\$13,161,136	1.09	10.30%	6.51%	\$0	\$0	\$375,000	\$24,705	\$3,274	\$0
CVC Capital Partners VIII	\$11,476,347	\$0	\$11,850,556	1.03	9.10%	6.45%	\$0	\$0	\$294,627	\$0	\$172,920	\$0
Drive Capital Fund II	\$14,946,053	\$3,410,764	\$14,969,981	1.23	9.10%	5.51%	\$1,484,361	\$1,187,170	\$188,801	\$0	\$40,876	\$0
Drive Capital Fund III	\$6,190,327	\$0	\$6,944,992	1.12	13.40%	7.40%	\$0	\$0	\$118,441	\$0	\$11,938	\$0
Drive Capital Fund IV	\$3,833,000	\$0	\$3,572,502	0.93	NR	-9.00%	\$0	\$0	\$215,761	\$0	\$43,119	\$0
Drive Capital Overdrive Fund I	\$7,316,687	\$12,492	\$9,202,183	1.26	14.00%	9.81%	\$0	\$0	\$126,721	\$0	\$7,445	\$0
Drive Capital Overdrive Fund II	\$4,169,953	\$0	\$3,868,303	0.93	NR	-13.30%	\$0	\$0	\$185,000	\$0	\$33,763	\$0
ECI 11	\$7,720,670	\$3,884,612	\$8,073,212	1.55	26.05% <sup>5</sup>	22.04%	\$2,712,299	\$1,503,451	\$146,933	\$0	\$124,075	\$0
ECI 12	\$0	\$0	\$0		N/A	N/A	\$0	\$0	\$0	\$0	\$0	\$0
Flexpoint Fund IV-A	\$6,105,377	\$1,412,900	\$8,012,117	1.54	40.60%	31.92%	\$1,412,900	\$1,115,627	\$196,753	\$0	\$128,553	\$0
Flexpoint Overage Fund IV-A	\$2,271,591	\$0	\$2,548,299	1.12	12.50%	10.06%	\$0	\$0	\$45,014	\$0	\$17,756	\$0
Genstar Capital Partners IX	\$7,113,299	\$3,147,426	\$9,987,614	1.85	53.40%	37.78%	\$2,208,707	\$1,651,087	\$102,611	\$402,213	\$5,339	\$0
Genstar Capital Partners IX Opportunities Program	\$2,152,214	\$940,541	\$2,995,571	1.83	34.60%	29.59%	\$884,628	\$667,780	\$19,550	\$165,383	\$2,186	\$0
Genstar Capital Partners X	\$7,507,769	\$0	\$7,851,095	1.05	NR	8.53%	\$0	\$0	\$0	\$0	\$140,282	\$0
Genstar Capital Partners X Opportunities Program	\$2,919,779	\$0	\$3,060,154	1.05	9.10%	7.53%	\$0	\$0	\$14,387	\$0	\$1,380	\$0
GGV Capital VII	\$9,550,400	\$69,608	\$13,438,593	1.41	23.90%	14.51%	\$69,608	\$69,608	\$169,635	\$0	\$5,169	\$0
GGV Capital VII Plus	\$2,476,500	\$0	\$3,170,308	1.28	13.50%	10.19%	\$0	\$0	\$0	\$0	\$1,873	\$0
GGV Capital VIII	\$4,911,300	\$0	\$5,668,928	1.15	29.60%	13.43%	\$0	\$0	\$183,600	\$0	\$4,101	\$0
GGV Capital VIII Plus	\$1,055,700	\$0	\$1,095,548	1.04	5.20%	3.41%	\$0	\$0	\$0	\$0	\$1,353	\$0
GGV Discovery II	\$1,953,000	\$0	\$3,908,017	2.00	47.20%	31.92%	\$0	\$0	\$37,132	\$0	\$1,968	\$0
GGV Discovery III	\$1,740,375	\$0	\$2,592,078	1.49	72.70%	38.22%	\$0	\$0	\$76,500	\$0	\$2,887	\$0
Great Hill Equity Partners VII	\$8,007,493	\$2,458,521	\$8,276,095	1.34	32.20%	73.44%	\$0	\$0	\$290,085	\$0	\$73,404	\$0
Great Hill Equity Partners VIII	\$1,288,109	\$0	(\$251,302)	-0.20	N/A	N/A	\$0	\$0	\$659,580	\$0	\$271,609	\$0
Green Equity Investors IX	\$0	\$0	(\$17,732)		N/A	N/A	\$0	\$0	\$0	\$0	\$17,732	\$0
Green Equity Investors VIII	\$13,070,155	\$119,236	\$14,234,486	1.10	10.60%	7.25%	\$105,105	\$105,105	\$49,113	\$0	\$49,008	\$0
GTCR Fund XII	\$24,532,892	\$12,846,870	\$32,806,161	1.86	31.74%	27.90%	\$1,902,522	(\$811,876)	\$354,029	\$0	\$13,626	\$7,464
GTCR Fund XIII	\$15,343,652	\$3,268,145	\$14,799,906	1.18	30.38%	31.93%	\$2,182,652	\$1,855,235	\$360,595	\$0	\$301,325	\$36,787
GTCR Strategic Growth Fund I	\$313,000	\$0	\$41,590	0.13	NR	-99.96%	\$0	\$0	\$147,908	\$0	\$94,686	\$1,259
HarbourVest - Dover Street IX	\$52,200,000	\$53,689,599	\$37,202,541	1.74	24.50%	23.54%	\$10,613,356	\$4,621,631	\$750,004	\$259,691	\$367,465	\$0
HarbourVest - Dover Street VIII	\$62,184,954	\$97,765,779	\$7,785,081	1.70	22.90%	19.91%	\$4,239,342	\$1,192,526	\$453,230	\$2,116,774	\$10,020	\$0

# CALIFORNIA DISCLOSURE REPORTING

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## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
HarbourVest - Dover Street X	\$25,300,000	\$8,766,500	\$30,623,393	1.56	36.20%	40.73%	\$4,072,975	\$2,212,951	\$396,283	\$124,935	\$264,693	\$0
HarbourVest Partners Co-Investment IV	\$24,464,388	\$23,670,200	\$22,778,067	1.90	18.40%	17.20%	\$1,251,755	\$843,775	\$178,593	\$0	\$138,375	\$0
HarbourVest Partners Co-Investment V	\$27,125,000	\$5,592,394	\$43,383,268	1.81	27.40%	27.39%	\$3,770,902	\$2,046,020	\$336,003	\$188,217	\$85,057	\$0
HarbourVest Partners Co-Investment VI	\$8,750,000	\$0	\$8,700,216	0.99	4.50%	-1.57%	\$0	\$0	\$57,805	\$0	\$346,501	\$0
Hellman & Friedman Capital Partners IX	\$20,256,309	\$1,156,489	\$24,459,791	1.26	18.00%	13.19%	\$106,036	\$0	\$213,313	\$0	\$11,560	\$213
Hellman & Friedman Capital Partners X	\$10,921,971	\$20,061	\$10,580,507	0.97	-1.00%	-3.03%	\$20,061	\$0	\$225,000	\$0	\$130,786	\$0
Insight Venture Partners X	\$25,680,872	\$10,857,572	\$49,505,583	2.35	37.00%	28.32%	\$3,354,322	\$2,596,857	\$372,828	\$641,831	\$67,601	\$0
Jade Equity Investors II	\$0	\$0	(\$6,201)		N/A	N/A	\$0	\$0	\$0	\$0	\$6,201	\$0
Kinderhook Capital Fund 7	\$2,893,578	\$4,083	\$4,077,921	1.41	56.00%	178.33%	\$4,083	\$4,083	\$0	\$0	\$128,185	\$0
M/C Partners IX	\$0	\$0	\$0		N/A	N/A	\$0	\$0	\$0	\$0	\$0	\$0
M/C Partners VIII	\$7,328,792	\$929,368	\$7,754,709	1.18	15.00%	9.72%	\$929,368	\$557,621	\$149,379	\$0	\$39,478	\$0
Oak HC/FT Partners III	\$14,526,349	\$1,348,190	\$22,222,584	1.62	33.50%	26.74%	\$0	\$0	\$337,500	\$0	\$25,712	\$0
Oak HC/FT Partners IV	\$7,836,872	\$0	\$8,863,729	1.13	17.00%	11.56%	\$0	\$0	\$133,857	\$0	\$27,333	\$0
Oak HC/FT Partners V	\$416,298	\$0	\$592,432	1.42	201.10%	170.63%	\$0	\$0	\$125,650	\$0	\$27,536	\$0
Pantheon Global Secondary Fund IV	\$9,960,000	\$14,929,293	\$1,043,499	1.60	14.40%	12.94%	\$297,000	\$297,000	\$71,745	\$33,000	\$3,615	\$0
Pantheon Global Secondary Fund V	\$39,616,509	\$30,059,484	\$34,633,853	1.63	14.00%	13.32%	\$3,486,450	\$1,293,703	\$364,500	\$143,500	\$73,437	\$0
Pantheon Global Secondary Fund VI	\$16,847,805	\$3,224,621	\$25,569,640	1.71	20.40%	30.32%	\$1,681,250	\$273,345	\$0	\$0	\$5,189	\$0
Pantheon Global Secondary Fund VII	\$4,473,346	\$48,551	\$4,802,751	1.08	15.20%	14.85%	\$48,551	\$17,301	\$0	\$0	\$5,444	\$0
Prairie Capital VII QP	\$3,672,000	\$0	\$3,974,905	1.08	16.30%	7.81%	\$0	\$0	\$168,349	\$0	\$125,258	\$0
Ridgmont Equity Partners IV	\$0	\$0	\$22,993		N/A	N/A	\$0	\$0	\$130,785	\$0	\$81,464	\$0
Riverside Micro-Cap Fund V	\$8,061,200	\$0	\$11,899,361	1.48	33.00%	20.54%	\$0	\$0	\$60,852	\$0	\$23,723	\$0
Riverside Micro-Cap Fund VI	\$1,328,389	\$0	\$1,076,098	0.81	NR	-56.64%	\$0	\$0	\$404,253	\$0	\$208,341	\$0
TA XIII	\$9,800,000	\$3,650,000	\$12,457,435	1.64	45.70%	34.84%	\$725,000	\$725,000	\$141,850	\$96,421	\$19,337	\$0
TA XIV	\$5,800,000	\$0	\$5,260,297	0.91	-7.20%	-16.15%	\$0	\$0	\$136,278	\$0	\$91,204	\$0
The Resolute Fund IV	\$21,313,069	\$12,324,946	\$31,943,158	2.08	43.30%	43.45%	\$845,666	\$308,228	\$111,089	\$26,472	\$24,982	\$60,101
Vitruvian Investment Partnership IV	\$12,374,480	\$0	\$14,050,592	1.14	26.00% <sup>4</sup>	14.97%	\$0	\$0	\$295,340	\$0	\$116,745	\$0

NR = Information was not reported. N/A = Not applicable.

<sup>1</sup>With the exception of fund level information for Abbott Secondary Opportunities, L.P. (ASO), Abbott Secondary Opportunities II, L.P. (ASO II), and Buenaventure One, LLC (BO), the information included herein is sourced from data provided by the managers of the funds. The fund level information provided herein was not prepared, reviewed or approved by any of the managers of the funds noted herein. Such information has not been independently verified and no representation or warranty, express or implied, is given by or on behalf of Abbott as to the accuracy, fairness, correctness, or completeness of the information. Amounts above reflect VCERA's share of capital calls, distributions, and certain income/expense items. Certain amounts provided above have been estimated based on fund level information disclosed in the December 31, 2022 audited portfolio fund financial statements. Differences between such estimates and actual amounts may exist and such differences could be material. For funds of funds, expense amounts above exclude amounts at the underlying portfolio fund level.

<sup>2</sup>Represents amounts included in distributions received during the year that are classified as gain, dividend, interest or income per the fund's distribution notice.

<sup>3</sup>Management fees are net of fee waivers in lieu of general partner capital contributions and offsets related to transaction fees, board fees and other items.

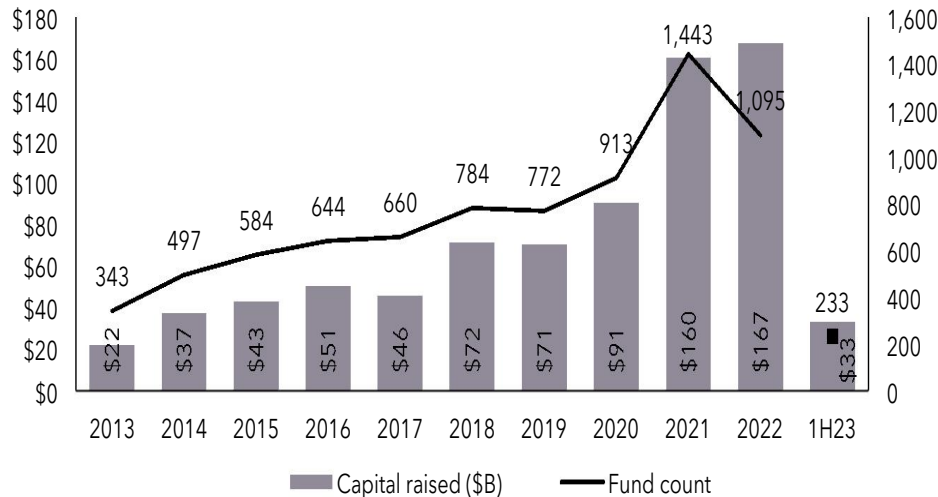
<sup>4</sup>Gross IRR is reported in EUR.

<sup>5</sup>Gross IRR is reported in GBP.

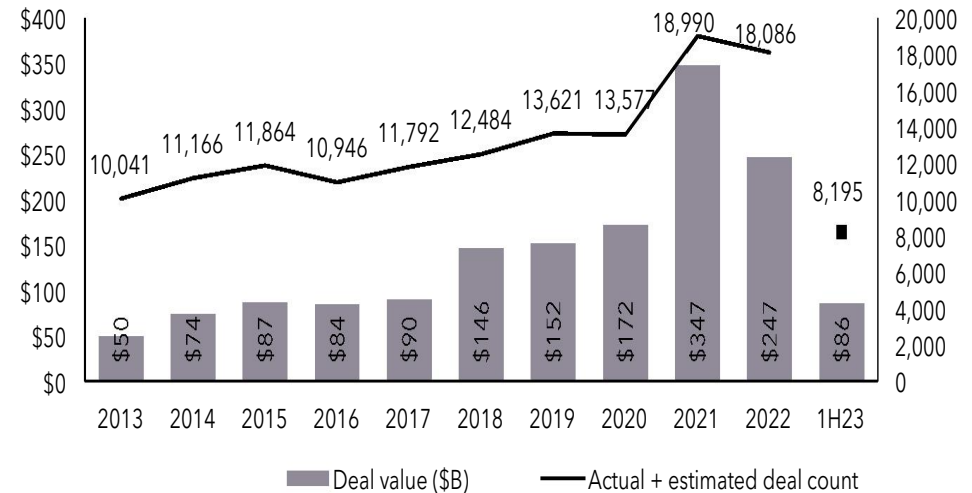
# PRIVATE EQUITY MARKET OVERVIEW

# U.S. VENTURE CAPITAL

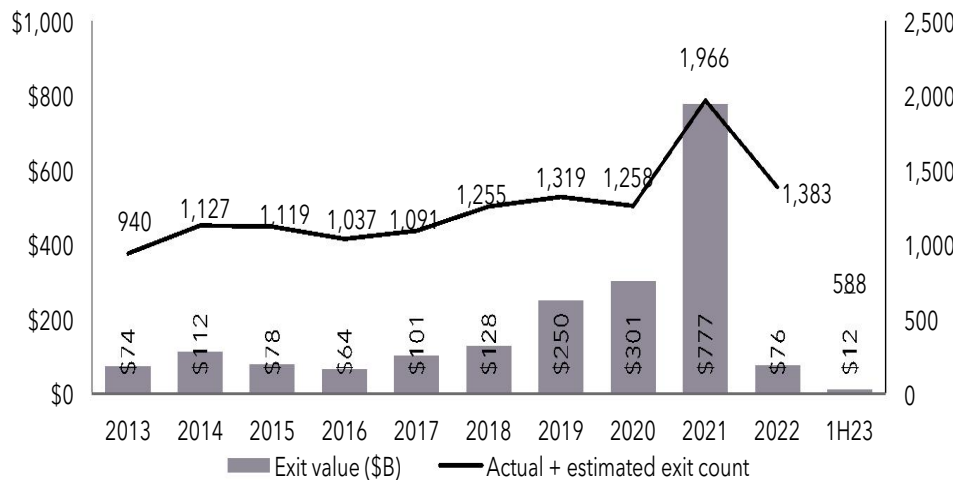
## U.S. VC FUNDRAISING ACTIVITY



## U.S. VC DEAL ACTIVITY



## U.S. VC EXIT ACTIVITY



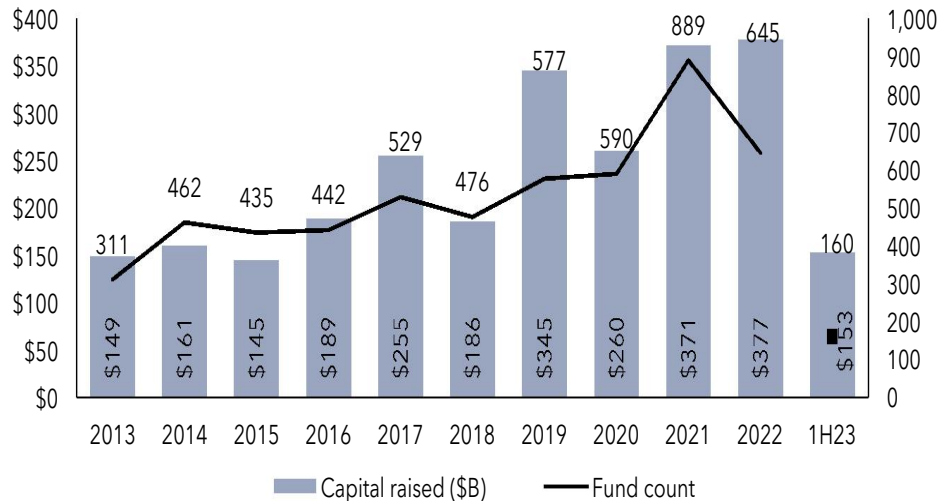
## MAIN TAKEAWAYS

- U.S. venture capital funds raised \$33 billion in 1H 2023, which puts 2023 on track to be the lowest fundraising year since 2017.
- With \$86 billion in venture deal value, 1H 2023 was well below the pace of the last two years but comparable to each of 1H 2018-2020.
- Exit activity remained muted with 2Q 2023 hitting a decade low. Year-to-date 2023 exit value was \$12 billion across 588 transactions compared with 2022's full year exit value of \$76 billion across 1,383 transactions.

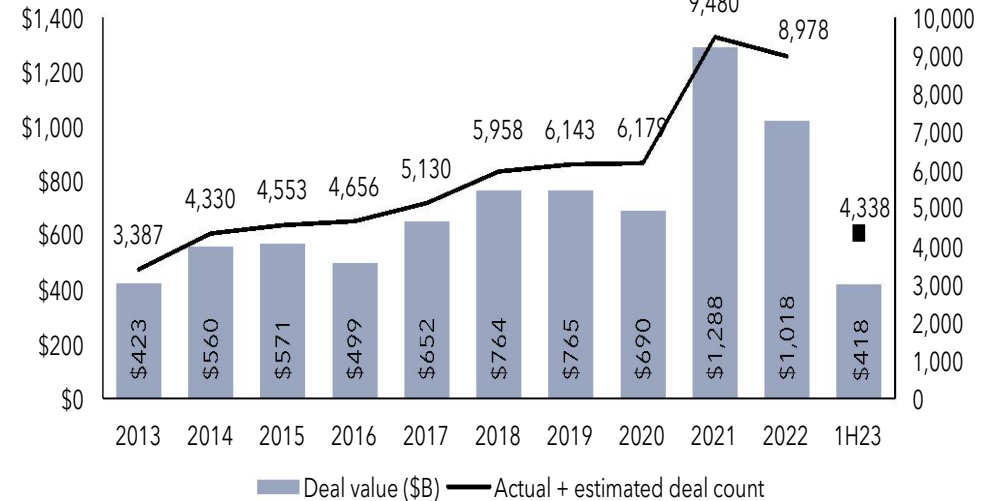


# U.S. PRIVATE EQUITY

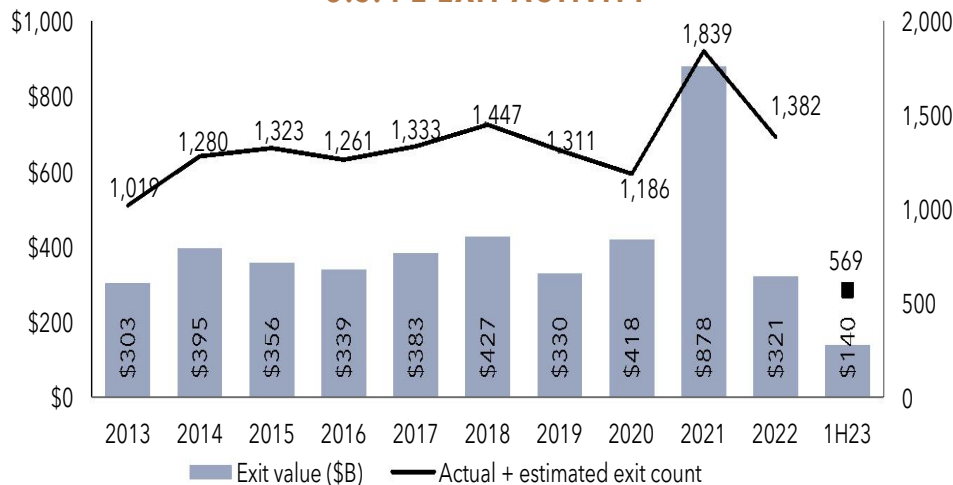
## U.S. PE FUNDRAISING ACTIVITY



## U.S. PE DEAL ACTIVITY



## U.S. PE EXIT ACTIVITY

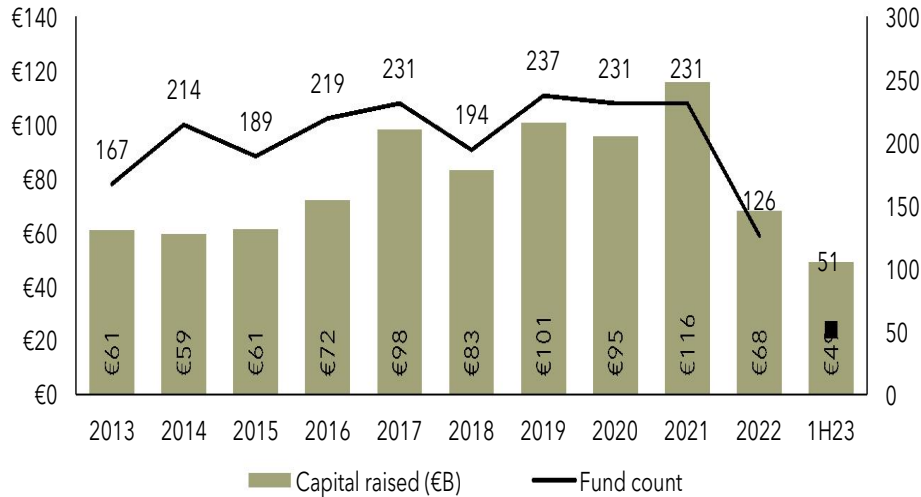


## MAIN TAKEAWAYS

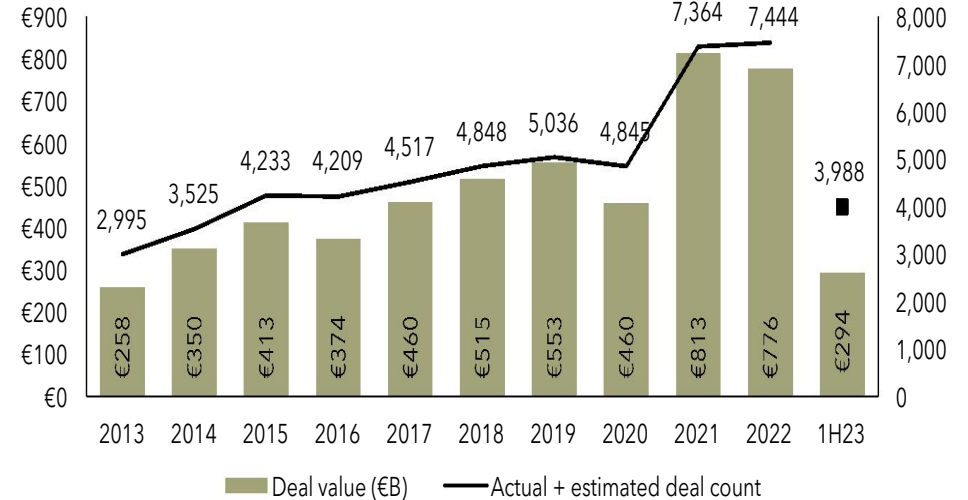
- U.S. private equity fundraising in 1H 2023 tracked somewhat below 1H 2022. Despite 2022's record figure and a modest 1H 2023, recent performance could be a lagging indicator as fundraising processes may have commenced under more favorable market conditions.
- Dealmaking in 1H 2023 performed in line with pre-COVID averages by volume but considerably ahead by count.
- Exit activity remained depressed, extending a trend which began in early 2022. 2023 quarterly exit activity by both count and volume was below their pre-pandemic (2017-2019) averages.

# EUROPE PRIVATE EQUITY

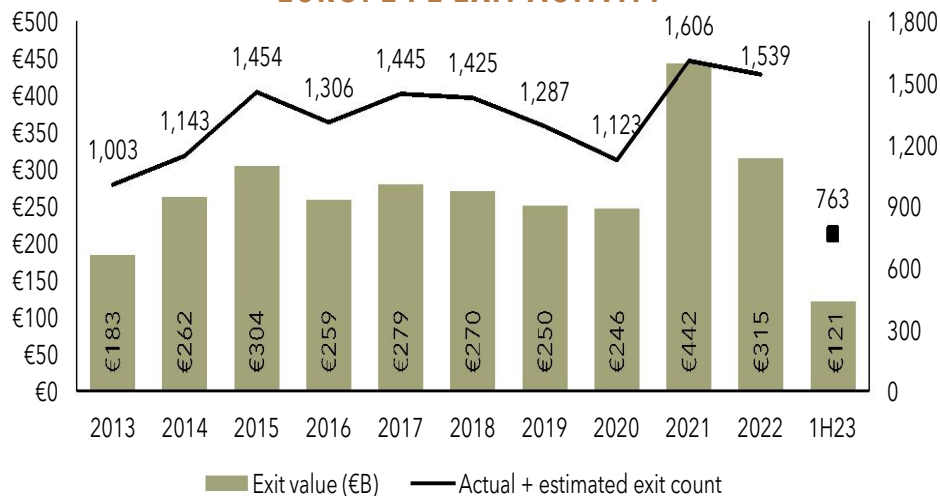
## EUROPE PE FUNDRAISING ACTIVITY



## EUROPE PE DEAL ACTIVITY



## EUROPE PE EXIT ACTIVITY

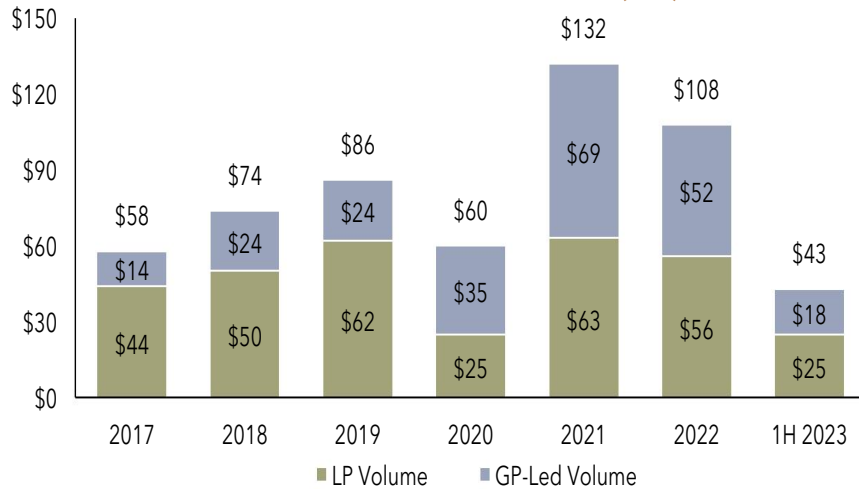


## MAIN TAKEAWAYS

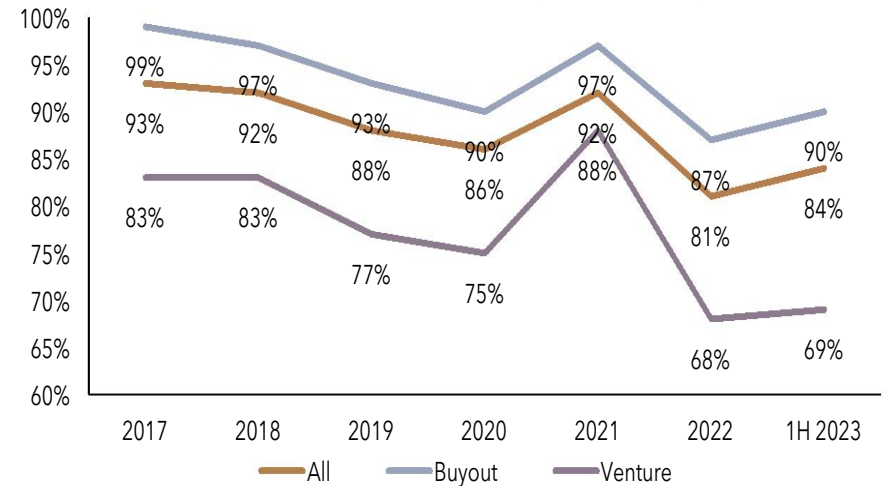
- European private equity fundraising improved in 1H 2023 with €49 billion raised across 51 vehicles, putting 2023 fundraising on track to come in above 2022's total of €68 billion across 126 funds.
- Deal activity declined in 1H 2023 compared to 1H 2022. 3,988 deals worth €294 billion closed, marking year-over-year decreases in deal value of 30% from 1H 2021 and 37% from 1H 2022.
- Exit activity in Europe slowed in 1H 2023. 763 PE-backed companies exited with a value of €121 billion, marking a year-over-year decrease of 33% compared to 1H 2022.

# SECONDARIES

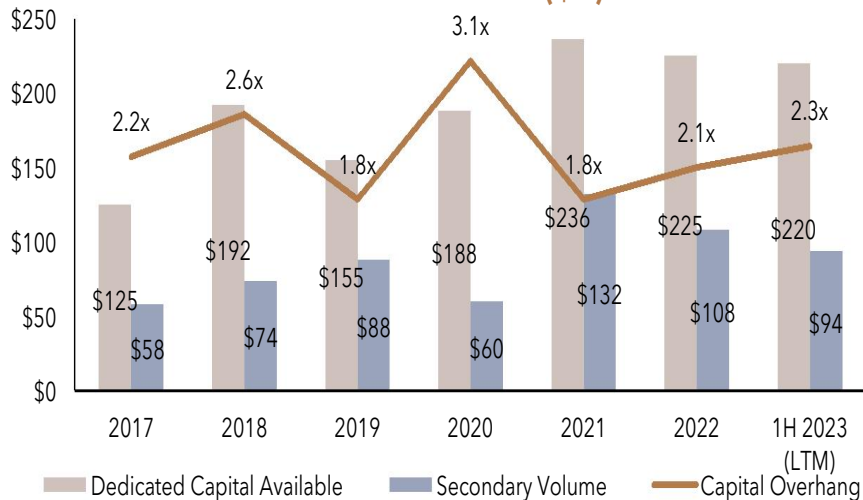
### TRANSACTION VOLUME (\$B)



### MARKET PRICING (% OF NAV)



### DRY POWDER (\$B)



### MAIN TAKEAWAYS

- Annual transaction remained relatively slow in 1H 2023. GP-Led transactions accounted for 42% of volume, the lowest since 2019.
- Secondary pricing remained at discount levels with buyout funds being priced in aggregate at 90% and venture funds priced in aggregate at 69% of NAV in 1H 2023.
- The amount of dedicated available capital remained steady from 2022 to 1H 2023, while the capital overhang multiple increased slightly by 0.2x to 2.3x.

# APPENDIX

# IMPORTANT INFORMATION

**This material is for informational purposes only and is not an offer or a solicitation to subscribe to any fund and does not constitute investment, legal, regulatory, business, tax, financial, accounting or other advice or a recommendation regarding any securities of Abbott, of any fund or vehicle managed by Abbott, or of any other issuer of securities.** Interests in the Abbott Funds have not been and will not be registered under the U.S. Securities Act of 1933, as amended, any U.S. State securities laws or the laws of any non-US Jurisdiction. None of the Abbott Funds are registered as an Investment Company under the U.S. Investment Company Act of 1940, as amended nor is it expected that they will be in the future. Interests in the Abbott Funds, and information provided herein, have not been approved or disapproved by the U.S. Securities and Exchange Commission ("SEC") or by any securities regulatory authority of any U.S. State or non-U.S. jurisdiction and neither the SEC nor any such authority has passed upon the accuracy or adequacy of this communication or the merits of Abbott or any Abbott Fund, nor is it intended that the SEC or any such authority will do so. Investment in the Abbott Funds may not be suitable for all investors; investors should carefully consider risks and other information and consult their professional advisers regarding suitability, legal, tax and economic consequences of an investment. Abbott's registration as an investment adviser under the Investment Advisers Act of 1940, as amended to date, does not imply any certain level of skill or training.

**Private equity investments are highly illiquid and are not suitable for all investors. All investments are subject to risk of loss, including the loss of principal.** Private Equity performance is volatile and the value of investment(s) will fluctuate. Additional risks include, among others, those associated with the use of leverage, illiquidity and restrictions on transferability and resale of private equity investments, dependence on the performance and judgment of underlying portfolio investment managers over which Abbott has no control, Abbott's ability to access suitable investment opportunities sufficient to satisfy each client's investment objectives, and the speculative nature of private equity investments in general. Diversification will not guarantee profitability or protection against loss. There is no assurance that any Abbott Client's objective will be attained.

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# IMPORTANT INFORMATION

## **Abbott and Portfolio Investment Performance Information**

**Vintage Year** for a portfolio fund is determined by the date of the initial capital call or year of initial closing date if capital has not yet been called. Vintage Year for a portfolio fund that has not yet called capital may change depending on when the portfolio fund first calls capital.

**Projects** represent a collection of secondary interests purchased together as a deal and may be reported as a single investment.

With respect to primary investments, **Commitment** represents the original commitment made to a portfolio fund plus any follow-on commitments and less any subsequent reductions in commitment declared by the general partner or managing entity of the portfolio fund. With respect to secondary interests, **Commitment** or **Invested Capital** represents maximum cash outlay or, purchase price of the portfolio fund purchased on the secondary market plus the unfunded commitment at the time of purchase, and may also be adjusted by subsequent reductions in commitment declared by the general partner or managing entity of the portfolio fund. Except as otherwise noted, **Commitment** with respect to any portfolio fund denominated in non-U.S. currency reflects the amount paid (in U.S. dollars) plus the unfunded portion of the foreign-denominated commitment amount converted to U.S. dollars at the relevant foreign exchange rate as of the report date.

**Amount Paid-In** represents the cumulative amount of contributions paid to a portfolio fund by the Account as of the report date, including amounts paid for interest charges, management fees and/or other expenses, less any temporary returns of capital and other distributions identified by the general partner or managing entity as items that reduce paid-in capital. With respect to secondary interests, amount paid-in includes the purchase price of the portfolio fund purchased on the secondary market plus amounts paid-in subsequent to purchase date through the report date.

With respect to each portfolio fund, **Total Distributions** reflect all distributions of cash or stock from the portfolio fund to the Account as of the report date, excluding any temporary returns of capital and other distributions identified by the general partner or managing entity as offsets to paid-in capital. Net proceeds from sales of portfolio funds on the secondary market, if any, are also included in distributions. Unless otherwise noted, distributions of stock are valued as reported by the portfolio funds and such valuations do not take into account any net gains or losses realized upon the sale of such stock.

**Distributions/Realizations** equal the total distributions plus the net gains and losses realized on the sale of distributed stock. Net gains and losses realized on the sale of distributed stock are calculated as the difference between the net proceeds received from the sale and the value of the stock at distribution.

The **Valuation** for a portfolio fund investment is net of any management fees, carried interest, and other expenses of the portfolio fund and reflects fair value of the portfolio fund at the report date. Fair Value is based on the most recent available net asset value provided by the general partner or managing entity of the portfolio fund, including allocations of unrealized gains and losses on the underlying portfolio company investments, and may be adjusted by other amounts necessary to reflect the fair value of the portfolio fund as determined by Abbott during its most recently completed valuation review. If the most recent available net asset value is as of a date other than the report date, the valuation is adjusted by net cash flows, other than contributions identified by the general partner or managing entity as contributions for management fees and/or other expenses, from the date of the most recent available net asset value through the report date. Net asset values reported in non-U.S. currencies are translated at the relevant exchange rate at the close of business on the report date. The valuation of distributed stock held is based on the last publicly reported closing sale price as of the report date.

**Total Value** equals total distributions plus valuation.

**TVPI** represents total value divided by amount paid-in. TVPI is net of management fees, carried interest and other expenses of the portfolio funds but does not reflect any deduction for management fees or carried interest, if any, paid by the Account to Abbott. Except as otherwise noted, TVPI does not take into account net gains and losses realized on the sale of distributed stock. TVPI for the active and/or liquidated portfolio is net of gains and losses realized on the sale of distributed stock.

**IRR** represents the internal rate of return for a portfolio fund or the pooled internal rate of return for a strategy, vintage year and portfolio. IRR was calculated based on the actual due dates of the net cash flows between the portfolio funds and the Account since inception and the valuation of the portfolio fund investments at the report date. IRR is net of management fees, carried interest, and other expenses of the portfolio funds, but does not take into account management fees and carried interest, if any, paid by the Account to Abbott. Except as otherwise noted, IRR does not take into account net gains and losses realized on the sale of distributed stock.

## **Return and Valuation Data**

Unrealized investments may not be realized at the values used when calculating returns as the valuations of unrealized investments depend upon assumptions that may be reasonable under the circumstances at the time made, while actual realized returns on unrealized investments will depend upon, among other factors, future operating results, the value of the assets and market conditions at the time of disposition, any related transaction costs and the timing and manner of sale, all of which may differ from the assumptions used for the valuations incorporated herein. Accordingly, actual realized returns on unrealized investments may be higher or lower than the returns included in this report.

# IMPORTANT INFORMATION

## **Abbott and Portfolio Investment Performance Information (continued)**

Valuations and performance returns are calculated based on information reported to Abbott by the managing entity of the underlying portfolio fund(s). This report has not been reviewed, verified, or in any way sanctioned or approved by the managing entity or the advisor of the underlying portfolio funds listed or any of their affiliates. Interim performance data regarding an underlying portfolio fund or client account (in particular in relation to unrealized investments) may not accurately reflect the current or expected future performance of the underlying portfolio fund or account or the fair value of the interest of any Abbott discretionary client. Such performance data should not be used to compare returns among multiple private equity funds due to, among other factors, differences in vintage year, investment strategy, investment size, etc., and has not been calculated, reviewed, verified or in any way sanctioned or approved by the general partner or the advisor of the underlying portfolio fund or any of their affiliates.

There can be no assurance that any Abbott Fund or discretionary separate account client, its underlying portfolio fund investments and portfolio companies held by these funds or the private and public equity and debt markets in general, will perform or continue to perform, similarly to prior periods, funds, investments, or accounts. It should not be assumed that any fund organized, or investment made, in the future will ultimately be profitable or will equal the performance of the funds, investments, or accounts listed in this report.

# IMPORTANT INFORMATION

## **Public Market Equivalent and Indices**

Where indicated, returns are calculated as a **Public Market Equivalent (PME or PME+)** as described in "A Private Investment Benchmark", a 1996 white paper by Austin M. Long III and Craig J. Nickels, and PME+ as described in "Private Equity Benchmarking with PME+", published in the Venture Capital Journal (August 2003) by Christophe Rouvinez of Capital Dynamics. PME analysis/return is calculated without adjustment for management fee and carried interest paid to Abbott. PME is an internal rate of return calculated as if investor cash flows were used to purchase and sell shares of a public market index. PME+ scales distributions by a constant proportion such that the net remaining investment in the index equals the actual net asset value at the measurement date. PME+ is provided because if a portfolio significantly outperforms the public market index due to a high level of distributions, the net remaining investment in the index may be in a short position. A PME+ return calculation permits the net remaining investment in the index to equal the net asset value of the private equity portfolio at the measurement date. Any PME (or PME+) analysis is based on illiquid and unrealized values which will vary considerably over the life of an investment, thus making this type of comparison more relevant with respect to mature funds (i.e., where net asset value is a small fraction of total distributions).

Market indices, benchmarks or other measures of relative market performance are provided for information only and do not imply that an Abbott Client will achieve, or should expect, similar returns, volatility or results, or that these are appropriate benchmarks to be used for comparison. The market volatility, liquidity and other characteristics of private equity investments are materially different from publicly-traded securities and the composition of these indices does not reflect the manner in which any Abbott Client portfolio is constructed with respect to expected or actual returns, portfolio guidelines/restrictions, investment strategies/sectors, or volatility, all of which change. Index returns will generally reflect the reinvestment of dividends, if any, but do not reflect the deduction of any fees or expenses which would reduce returns. An investor cannot invest directly in the indices.

**Russell 3000:** Annualized time-weighted total returns of the Russell 3000 (a broad-based, market cap-weighted index of 3,000 U.S.-traded stocks) are based on values provided by Russell Investment Group and include the reinvestment of dividends.



# CONTACT US

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Presented to:

# Ventura County Employees' Retirement Association

October 23, 2023

Presented by:

Clark Holland, CFA  
Portfolio Manager

## Presenter Biography



**Clark Holland, CFA**  
Portfolio Manager

Clark Holland is a portfolio manager at Reams Asset Management. Clark has over 25 years of experience as a portfolio manager, analyst, and client service specialist. Prior to joining Reams in 2002, Clark was a portfolio manager and investment product specialist at Wells Fargo Investment Management Group. Mr. Holland earned his master's in business administration from Rice University and his bachelor's degree from Taylor University. He holds the Chartered Financial Analyst (CFA) designation and is a member of the CFA Institute.



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- 1 Firm Overview
- 2 Current Views & Investment Themes
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- 5 Ventura Treasury Portfolio Update
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- 7 Investment Professional Biographies
- 8 Definitions
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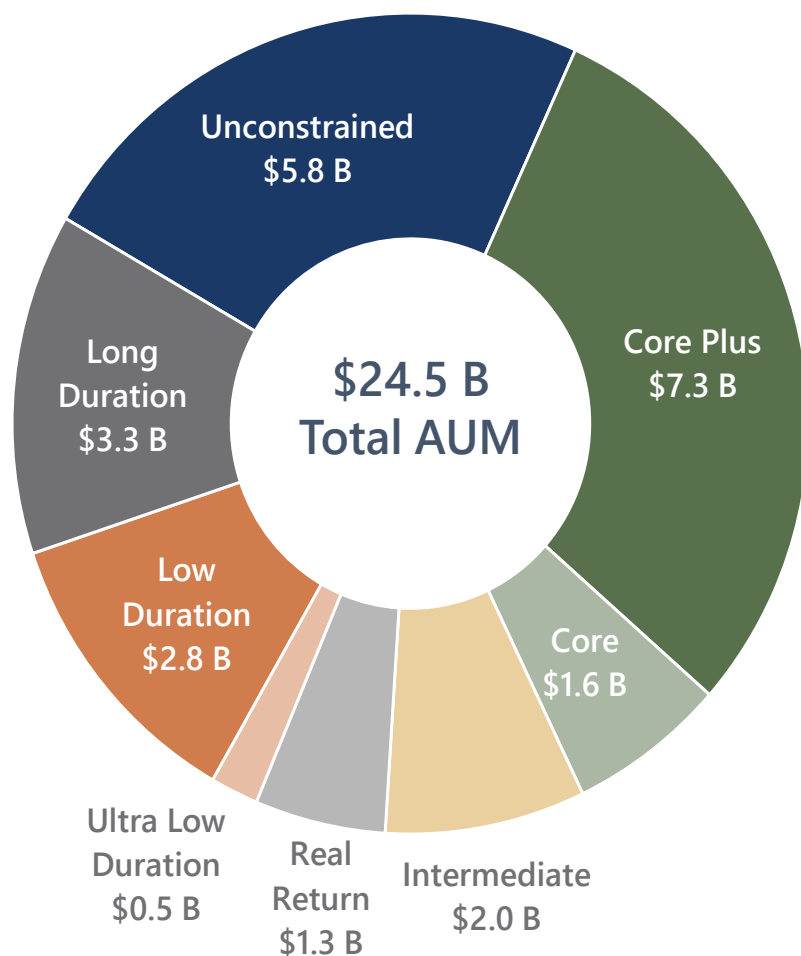
# Firm Overview

## Reams at a Glance

- Founded in 1981
- Headquartered in Indianapolis, Indiana
- \$24.5 billion in assets under management
- 8 fixed income strategies along with extensive custom separate account capabilities
- Affiliate of Raymond James Investment Management, a subsidiary of Raymond James Financial, since November 2017

# Firm Overview

## Strategy Lineup



### Available Investment Vehicles

#### Separate Accounts

- All Strategies

#### U.S. Institutional Commingled Funds:

- Columbus Core Plus Bond Fund
- Columbus Unconstrained Bond Fund

#### U.S. Institutional Mutual Funds (sub-advised):

- Core Strategy
- Core Plus Strategy
- Unconstrained Strategy

#### Non-U.S. Commingled Fund (sub-advised):

- Raymond James Funds Reams Unconstrained Bond SICAV (Class A USD | SCUCBDA LX)

Data as of  
September 30, 2023

# Firm Overview

## Representative Client List

### Corporate

American Honda Motor Company  
Cummins Inc.  
Emerson Electric Company  
Omaha Public Power District  
S.C. Johnson & Son, Inc.

### Health Care

University of Colorado Health  
NorthShore University HealthSystem  
Northwestern Memorial HealthCare  
OhioHealth Corporation  
Shirley Ryan AbilityLab

### Non-Profit

American Heart Association  
Archdiocese of Miami  
Board of Pensions/Presbyterian Church, USA  
Cleveland Museum of Art  
Veterans of Foreign Wars of the U.S.  
Eiteljorg Museum of American Indians and Western Art

### Sub-Advisory

Prudential Retirement Insurance & Annuity Co.  
Russell Investment Management Company

### Public

Arkansas Teacher Retirement System  
Employees' Retirement System of Baltimore County  
Indiana State Police Pension Trust  
Los Angeles Fire & Police Pensions  
City of Milwaukee Employees' Retirement System  
City of Oakland Police & Fire Retirement System  
Sacramento County Employees Retirement System  
San Francisco Bay Area Rapid Transit District  
Sonoma County Employees' Retirement Association  
Spokane Firefighters' Pension Fund  
Ventura County Employees' Retirement Association

### Taft-Hartley

Carpenters District Council of Kansas City Pension Fund  
Carpenters Pension Fund of Illinois  
Gulf Coast Carpenters and Millwrights Health Trust  
IBEW 8th District Electrical Pension Trust  
Teamster Members Retirement Plan  
Ohio Operating Engineers Pension Plan

### University/Endowment/Foundation

Trustees of Indiana University  
University of Kentucky  
Purdue University  
Regents of the University of Minnesota  
Engelstad Foundation

Data as of  
September 30, 2023

This Representative Client List includes institutional clients whose permission has been received for inclusion. No specific selection criteria were used. It is not known whether or not the listed clients approve of the advisory services provided by Reams Asset Management or Scout Investments.

# Firm Overview

## Investment Team

### Investment Committee

**Mark Egan, CFA**

*Chief Investment Officer  
Managing Director  
(37 years / 33 years)*

**Todd Thompson, CFA**

*Deputy Chief Investment Officer  
Managing Director  
Credit Team Leader  
(29 years / 22 years)*

**Dimitri Silva, CFA**

*Managing Director  
Global Rates & Currencies Team  
Leader  
(16 years / 2 years)*

### Senior Advisor

**Bob Crider, CFA**

*Co-Founder  
(46 years / 42 years)*

## Credit Team

**Todd Thompson, CFA**

**Jason Hoyer, CFA**

*Portfolio Manager  
(20 years / 8 years)*

**Clark Holland, CFA**

*Portfolio Manager  
(29 years / 21 years)*

**Scott Rosener, CFA**

*Head of Trading  
(26 years / 18 years)*

**Trey Harrison, CFA, ASA**

*Fixed Income Analyst/Actuary  
(29 years / 13 years)*

**Reed Clark, CFA**

*Fixed Income Analyst  
(4 years / 2 years)*

**Sydney Owen, CFA**

*Fixed Income Analyst  
(5 years / 1 year)*

## Securitized Team

**Neil Aggarwal**

*Portfolio Manager  
Securitized Team Leader  
(20 years / 1 year)*

**Kevin Salsbery, CFA**

*Fixed Income Analyst  
(22 years / 18 years)*

**Patrick Laughlin**

*Fixed Income Analyst  
(28 years / 19 years)*

**Ben Byrd**

*Fixed Income Analyst  
(3 years / 1 year)*

## Global Rates & Currencies Team

**Dimitri Silva, CFA**

**Antonina Tarassiouk**

*Fixed Income Analyst  
(9 years / 1 year)*

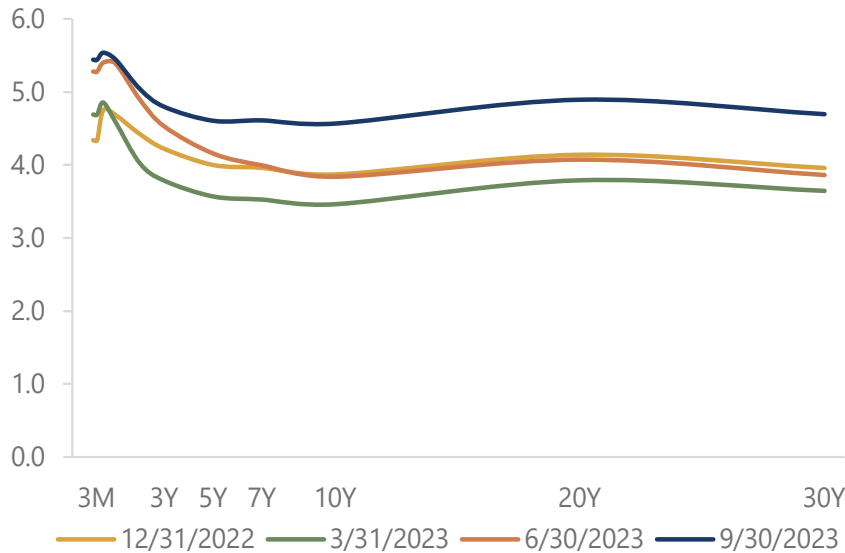
(Years of Industry Experience / Reams Tenure)

Please see Investment Professional Biographies section for detailed biographies

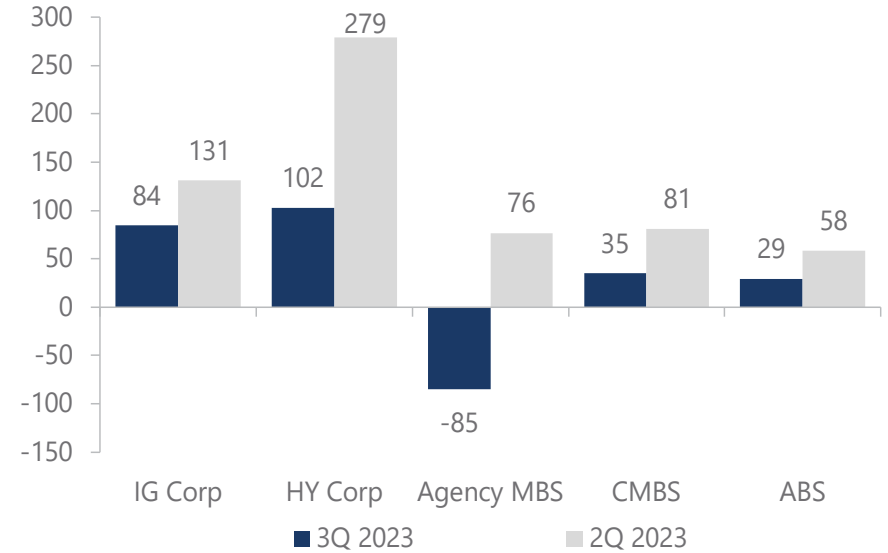


# Fixed Income Dashboard

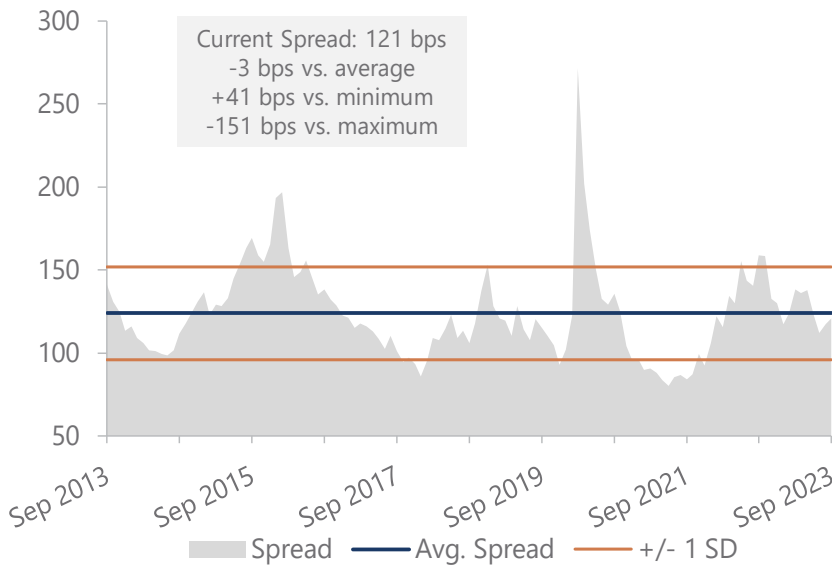
## U.S. Treasury Yield Curves, Percent



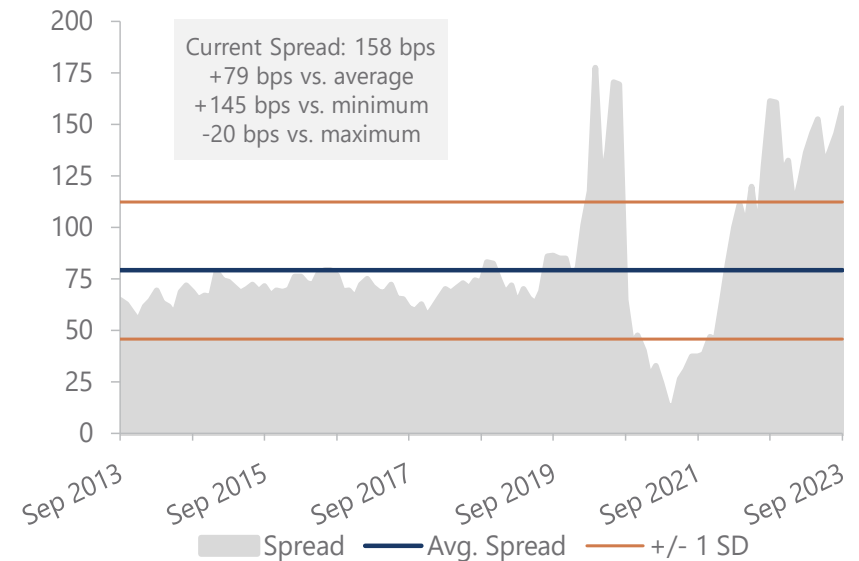
## Sector Excess Returns vs. U.S. Treasuries, Basis Points



## Investment Grade Corporate OAS, Basis Points



## Agency MBS 30Yr CC Zero-Volatility Spread, Basis Points



Data as of September 30, 2023

Source: Bloomberg Index Services Limited; Bloomberg L.P. as of 9/30/2023

# Market Insights

## U.S. Treasury 5 Year TIPS Yield (%)



Source: Bloomberg as of 9/30/2023

Real yields reached levels not seen since the 2008 financial crisis and represent a relatively abrupt swing from the negative territory in which they have resided for much of the post-COVID time frame. A return to significantly positive real yields is not only important for fixed income, but also impacts valuations of all financial assets.

## U.S. Treasury vs. Equity Volatility (%)



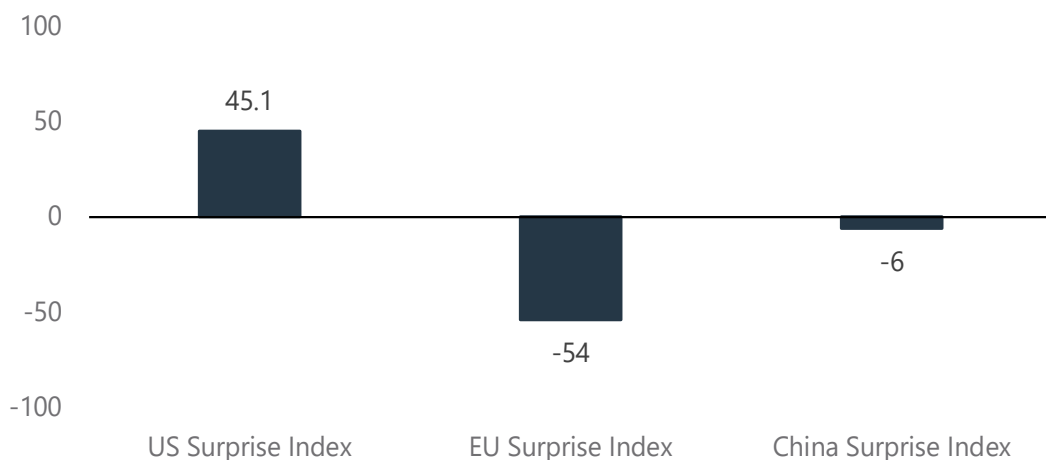
Source: Bloomberg as of 9/30/2023

Interest rate volatility remains significantly elevated as markets digest not only the Federal Reserve's (Fed's) tightening actions but also how long rates need to remain elevated to appropriately rein in inflation. In contrast, equity volatility continues to be modest, indicating an absence of concern despite the headwinds of a hawkish Fed.

Data as of  
September 30, 2023

# Market Insights

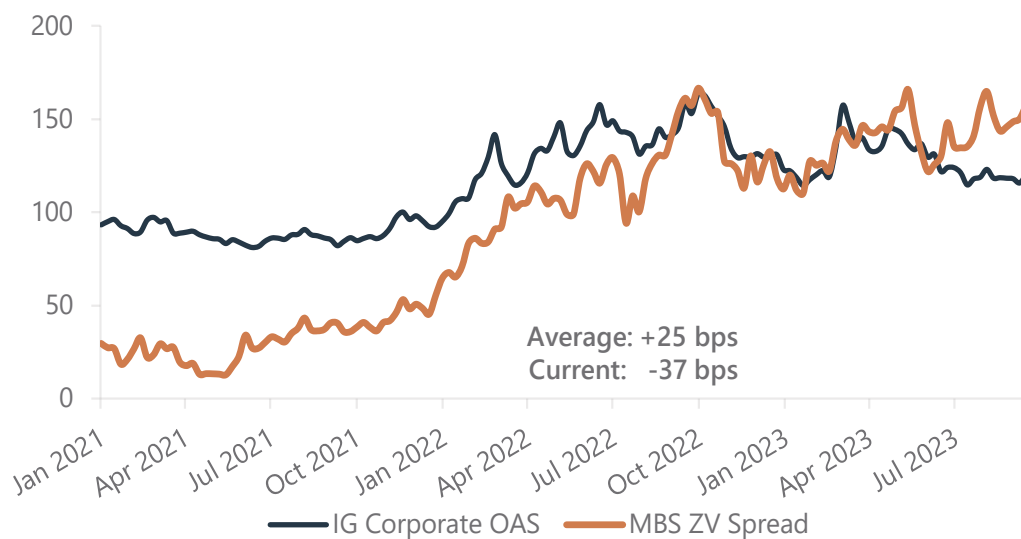
## U.S. vs. EU/China Surprise Indices



Source: Bloomberg as of 9/30/2023

Despite walking a similar rate hiking path, the U.S. is seeing better than expected economic indicators, while the E.U. is experiencing the opposite effect. China's modest negative on the surprise index occurs as their central bank cuts rates, counter to most other countries' central banks.

## IG Corporate OAS vs. Agency MBS 30 Year CC Zero-Volatility Spread (bps)



Source: Bloomberg as of 9/30/2023

Due in large part to heightened interest rate volatility, MBS spreads remain attractive relative to corporate spreads. This sector is now more attractive on a relative basis than it has been for many years.

Data as of  
September 30, 2023

# Investment Themes

## What happened

- The U.S. credit rating was downgraded to AA+ by Fitch. Rates moved higher following this event, but the move was primarily due to a surprise in the size of Treasury issuance as well as hawkish Federal Reserve (Fed) communication.
- Real rates moved higher, as markets were swayed by evidence that the Fed's terminal rate may stay higher for a longer period of time.
- Though inflation remains above the Fed's 2% target, inflation moderated during the quarter, despite stronger than anticipated economic activity.
- Challenges in the Chinese property sector and global manufacturing, especially in Europe, indicate a weak global growth environment.

## What we think

- There is considerable uncertainty regarding the direction of inflation as well as the business cycle. The cumulative impact of tightening will eventually have an impact, but timing is uncertain.
- Real rates have risen sharply to historically attractive levels, but spreads in some of the risk sectors appear vulnerable to a correction.

## What we did

- In general, we added up-in-coupon agency Mortgage-Backed Securities (MBS) as interest rate volatility, technical selling pressure, and supply concerns pushed agency mortgage spreads to historically wide levels.
- We moderated our investment grade credit positions as agency MBS was relatively more attractive on a risk-adjusted basis.
- As real rates rose, we extended our duration position in many strategies.

# Strategy Overview

## Objective

---

To maximize risk-adjusted total return by systematically pursuing relative value opportunities throughout all sectors of the fixed income market

## Performance Benchmark

---

ICE BofA US 3-Month Treasury Index

## Investment Guidelines

---

- Average portfolio duration will normally be within a range of -3 to 8 years.
- No restriction on individual holdings (including credit ratings).
- No single credit industry shall exceed 25% of the portfolio at purchase.
- Emerging market securities shall not exceed 30% of the portfolio at purchase.
- Non-U.S. dollar holdings shall not exceed 30% of the portfolio at purchase (including positions hedged and unhedged).
- Futures, forwards, options and swaps (including credit default swaps) may be used to enhance returns, increase liquidity and/or gain exposure to certain instruments or markets in a more efficient way. Investments in derivatives will only be used to gain exposure to underlying assets that are otherwise permitted by the investment guidelines.



# Relationship Summary

## Ventura County Employees' Retirement Association

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Relationship Inception	October 1, 2001
------------------------	-----------------

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Investment Style	Unconstrained Fixed Income
------------------	----------------------------

---

Performance Benchmark	Custom Benchmark
-----------------------	------------------

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**Financial Data as of September 30, 2023**

Initial Investment	\$225.7 million
Contributions	\$128.4 million
(Withdrawals)	(\$436.3 million)
Portfolio Gains	\$289.5 million
Portfolio Value	\$207.3 million

---

# Performance Review

For Periods Ending September 30, 2023

	Percent Gain or Loss						
	Quarter Ending	Year To Date	Last 12 Months	Two Years (annualized)	Three Years (annualized)	Five Years (annualized)	Since Inception* (annualized)
Ventura County Employees' Retirement Association**	(1.22)	2.57	7.22	(1.36)	0.25	3.38	4.70
Benchmark***	1.33	3.68	4.54	2.46	1.70	1.86	3.36
Bloomberg U.S. Aggregate Index	(3.23)	(1.21)	0.64	(7.30)	(5.21)	0.10	3.22
Difference	(2.55)	(1.11)	2.68	(3.82)	(1.45)	1.52	1.34

\* Inception Date: 10/1/2001

\*\*Net of Investment Management Fees (recorded on cash basis)

\*\*\*The portfolio was managed under a Core Plus mandate from 10/1/2001 - 2/5/2013. Beginning 2/6/2013, the portfolio was transitioned to an Unconstrained mandate. The benchmark consists of the Bloomberg Barclays U.S. Aggregate through 2/5/2013 and the ICE BofA US Dollar 3-Month Deposit Offered Rate Constant Maturity Index as of 2/6/2013.

# Performance Review

## Calendar Year Performance

	Percent Gain or Loss									
	Year Ending 2022	Year Ending 2021	Year Ending 2020	Year Ending 2019	Year Ending 2018	Year Ending 2017	Year Ending 2016	Year Ending 2015	Year Ending 2014	Year Ending 2013
Ventura County Employees' Retirement Association*	(5.01)	0.09	11.98	6.60	0.71	2.49	5.98	0.30	(3.50)	2.51
Benchmark**	1.22	0.17	1.08	2.60	2.08	1.11	0.66	0.23	0.23	(0.52)
Bloomberg U.S. Aggregate Index	(13.01)	(1.54)	7.51	8.72	0.01	3.54	2.65	0.55	5.97	(2.02)
Difference	(6.23)	(0.08)	10.90	4.00	(1.37)	1.38	5.32	0.07	(3.73)	3.03

\*Net of Investment Management Fees (recorded on cash basis)

\*\*The portfolio was managed under a Core Plus mandate from 10/1/2001 - 2/5/2013. Beginning 2/6/2013, the portfolio was transitioned to an Unconstrained mandate. The benchmark consists of the Bloomberg Barclays U.S. Aggregate through 2/5/2013 and the ICE BofA US Dollar 3-Month Deposit Offered Rate Constant Maturity Index as of 2/6/2013.



# Performance Review

## 3 Year Annualized Returns

	3 Year Rolling, Annualized Returns									
	Year Ending 2022	Year Ending 2021	Year Ending 2020	Year Ending 2019	Year Ending 2018	Year Ending 2017	Year Ending 2016	Year Ending 2015	Year Ending 2014	Year Ending 2013
Ventura County Employees' Retirement Association*	2.11	6.11	6.33	3.24	3.04	2.90	0.85	(0.26)	2.84	6.92
Benchmark**	0.82	1.28	1.92	1.93	1.28	0.67	0.38	(0.02)	1.29	3.79
Bloomberg U.S. Aggregate Index	(2.71)	4.79	5.34	4.03	2.06	2.24	3.03	1.44	2.66	3.26
Difference	1.29	4.83	4.41	1.31	1.76	2.23	0.48	(0.24)	1.55	3.13

\*Net of Investment Management Fees (recorded on cash basis)

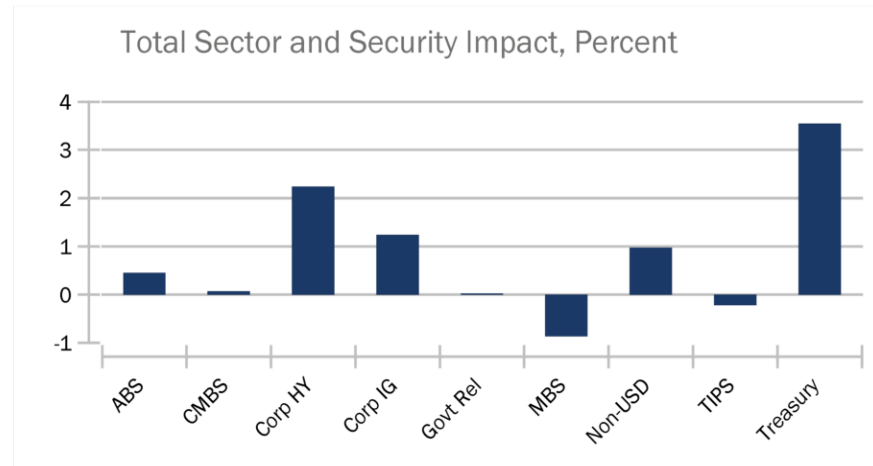
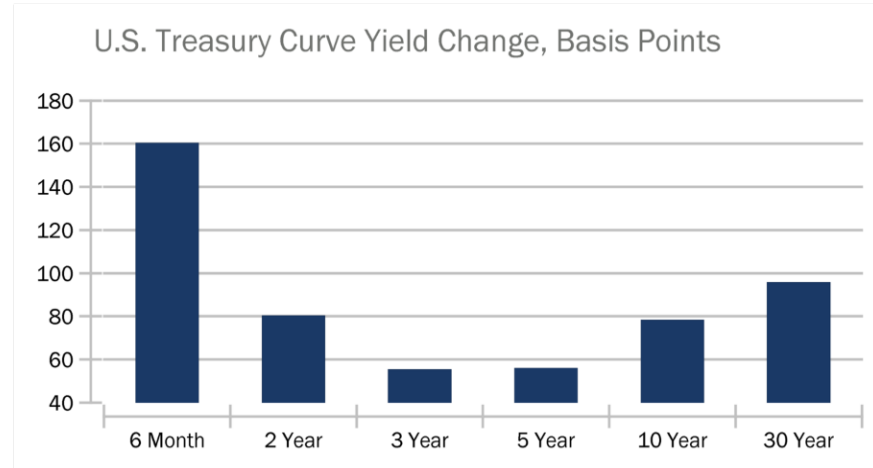
\*\*The portfolio was managed under a Core Plus mandate from 10/1/2001 - 2/5/2013. Beginning 2/6/2013, the portfolio was transitioned to an Unconstrained mandate. The benchmark consists of the Bloomberg Barclays U.S. Aggregate through 2/5/2013 and the ICE BofA US Dollar 3-Month Deposit Offered Rate Constant Maturity Index as of 2/6/2013.

# Total Return Detail

Ventura County Employees' Retirement Association (Unconstrained): 10/1/2022 - 9/30/2023

	Portfolio (%)
Total Return	7.44

Sector	Total Impact
ABS	0.45
CMBS	0.07
Corp HY	2.24
Corp IG	1.25
Govt Rel	0.02
MBS	-0.86
Non-USD	0.97
TIPS	-0.21
Treasury	3.51
	7.44



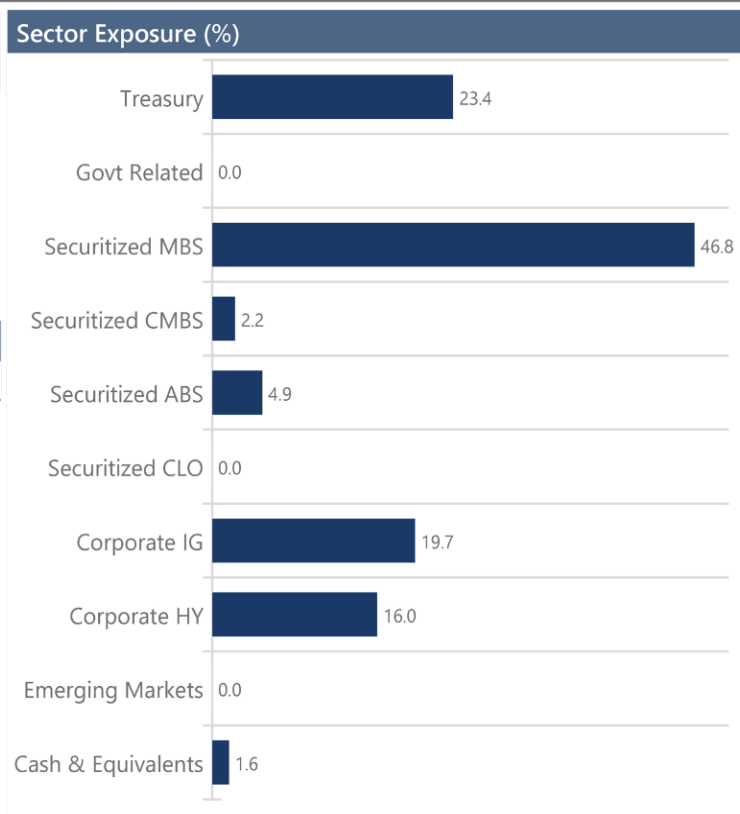
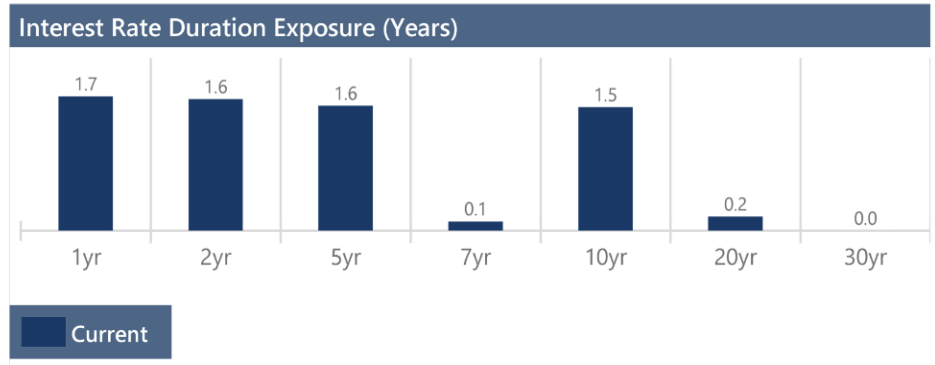
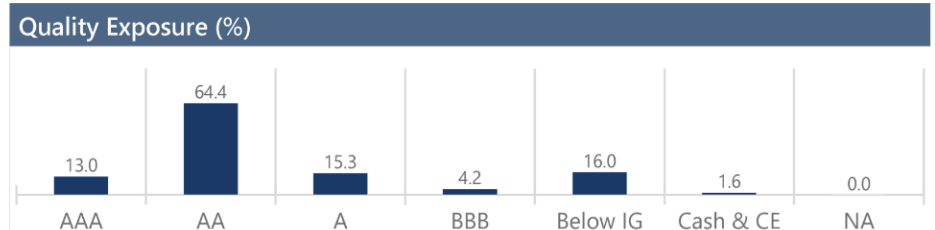
# Portfolio Characteristics

## COLUMBUS UNCONSTRAINED BOND FUND

9/30/2023

Fund Characteristics		Fund Characteristics	
	Fund		Fund
Market Value (\$)	2,094,385,359	Coupon (%)	3.1
Duration (Yrs)	6.7	Price (\$)	91.7
Spread Duration (Yrs)	4.5	OAS (bps)	134.8
Convexity	-0.1	Num Issues	156
Yield to Worst (%)	6.6		
Maturity (Yrs)	8.5		
Quality	A2		

Corporate Industry Exposure (%)		Currency Exposure (%)	
	Fund		Fund
Industrials	21.6	USD	94.2
Financials	11.3	G10	4.3
Utilities	2.8	EM-Asia	1.5
		EM-LATAM	0.0
		EM-EMEA	0.0



Spread Duration Exposure (Years)	
	Fund
Govt Related	0.0
Securitized MBS	2.5
Securitized CMBS	0.1
Securitized ABS	0.1
Securitized CLO	0.0
Corporate IG	1.2
Corporate HY	0.7
Emerging Markets	0.0
Cash & Equivalents	0.0

Sector and Quality Exposure may not sum to 100% in some cases. To the extent derivative instruments are held and shown at full notional, collateral will be assigned to its defined Sector or Quality Exposure. Cash & Equivalents are generally defined as securities with an effective duration less than one year and rated investment grade.

REAMS ASSET MANAGEMENT

# Relationship Summary

## Ventura County Employees' Retirement Association (Treasury)

---

Relationship Inception	March 21, 2019
------------------------	----------------

---

Investment Style	Treasury Only
------------------	---------------

---

Performance Benchmark	Not Applicable
-----------------------	----------------

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**Financial Data as of September 30, 2023**

Initial Investment	\$100.0 million
Contributions	\$0.0 million
(Withdrawals)	(\$25.0 million)
Portfolio Gains	(\$1.8 million)
Portfolio Value	\$73.2 million

---

# Performance Review

For Periods Ending September 30, 2023

	Percent Gain or Loss					
	Quarter Ending	Year To Date	Last 12 Months	Two Years (annualized)	Three Years (annualized)	Since Inception* (annualized)
Ventura County Employees' Retirement Association (Treasury) (a)	(2.97)	(1.41)	(1.28)	(9.11)	(8.05)	(1.55)
Ventura County Employees' Retirement Association Treasury (b)	(2.98)	(1.41)	(1.29)	(9.12)	(8.06)	(1.56)

\* Inception Date: 3/21/2019

(a) Gross of Investment Management Fees

(b) Net of Investment Management Fees (recorded on cash basis)



# Portfolio Characteristics

VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION (TREASURY)

9/30/2023

## Portfolio Characteristics

	Portfolio	Index
Market Value (\$)	73,227,747	82 B
Duration (Yrs)	6.0	8.0
Spread Duration (Yrs)	0.0	0.0
Convexity	0.5	0.8
Yield to Worst (%)	4.6	4.6
Maturity (Yrs)	7.2	9.9
Quality	Aa1	Aa1

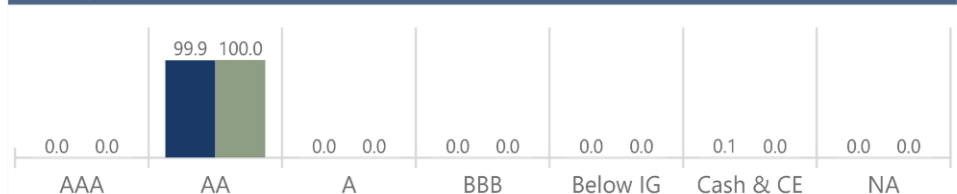
## Corporate Industry Exposure (%)

	Portfolio	Index
No industry exposure		

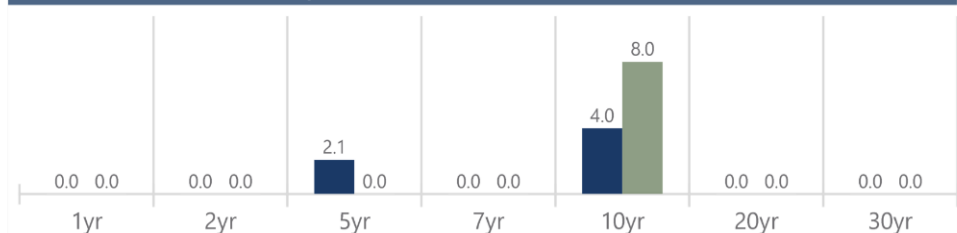
## Currency Exposure (%)

	Portfolio
USD	100.0
G10	0.0
EM-Asia	0.0
EM-LATAM	0.0
EM-EMEA	0.0

## Quality Exposure (%)

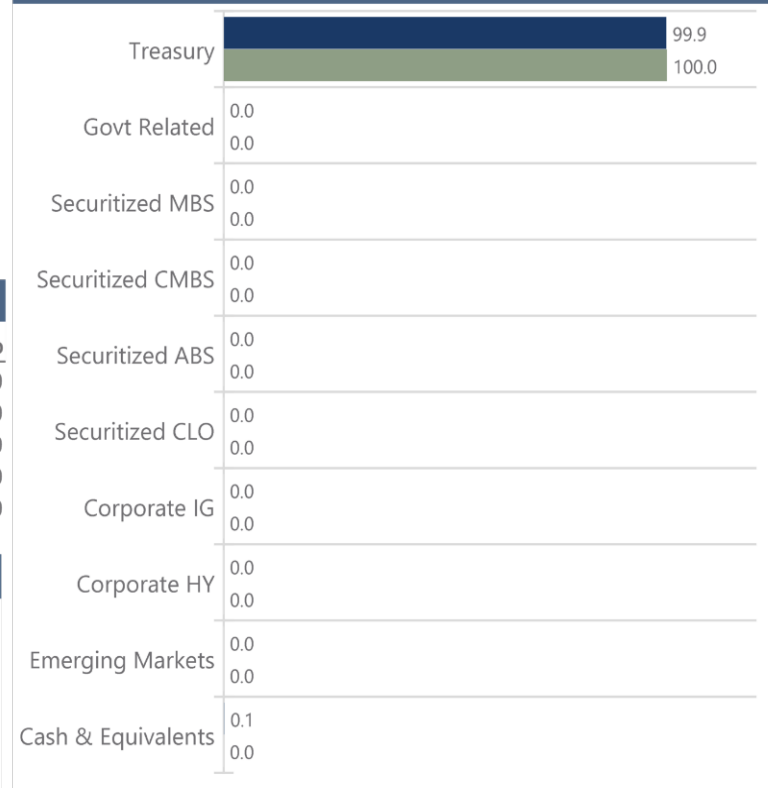


## Interest Rate Duration Exposure (Years)



Current Index

## Sector Exposure (%)



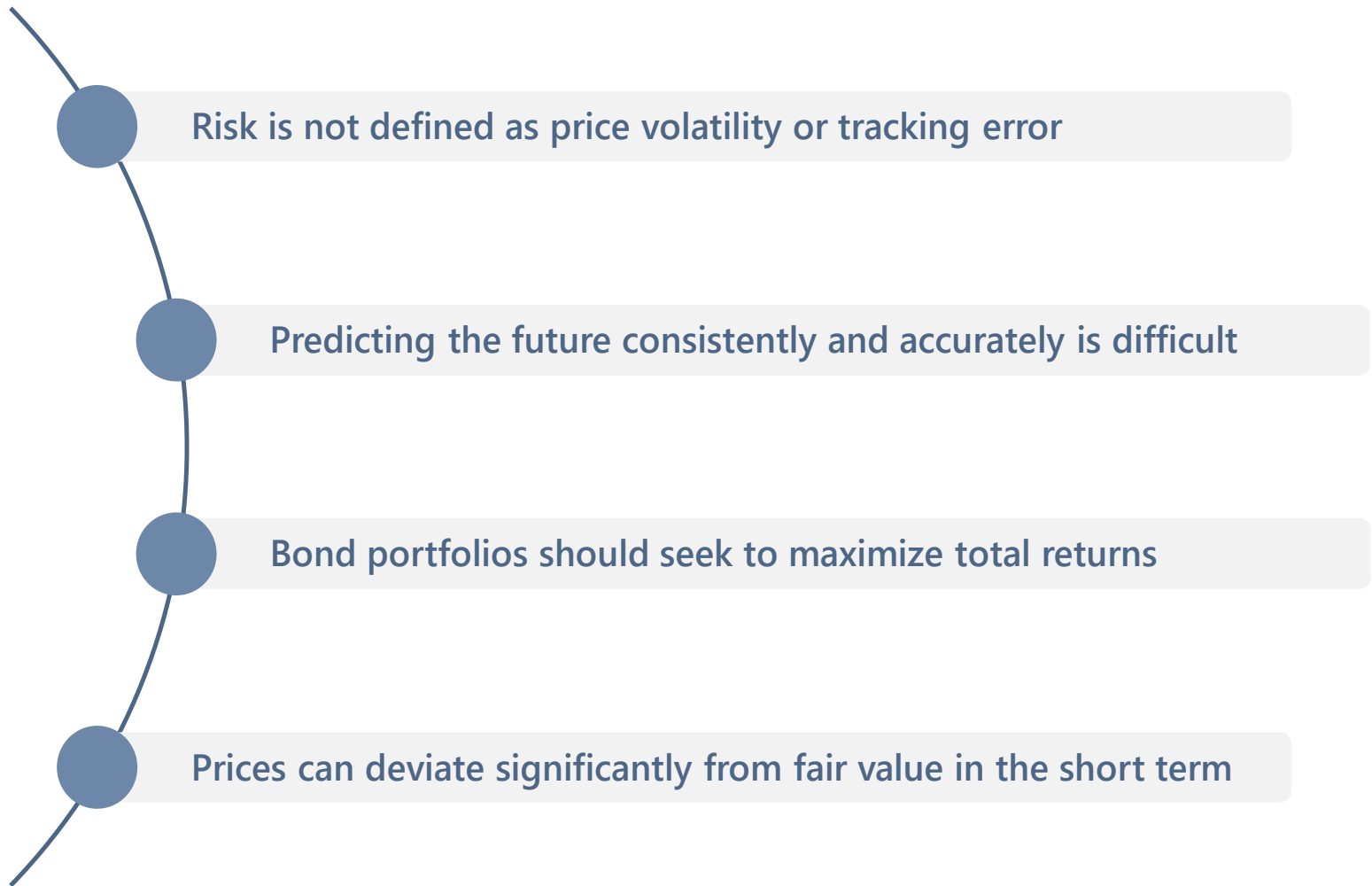
## Spread Duration Exposure (Years)

	Portfolio	Index
Govt Related	0.0	0.0
Securitized MBS	0.0	0.0
Securitized CMBS	0.0	0.0
Securitized ABS	0.0	0.0
Securitized CLO	0.0	0.0
Corporate IG	0.0	0.0
Corporate HY	0.0	0.0
Emerging Markets	0.0	0.0
Cash & Equivalents	0.0	0.0

REAMS ASSET MANAGEMENT

# Investment Philosophy

## What We Believe



# Investment Philosophy

## How We Seek to Add Value

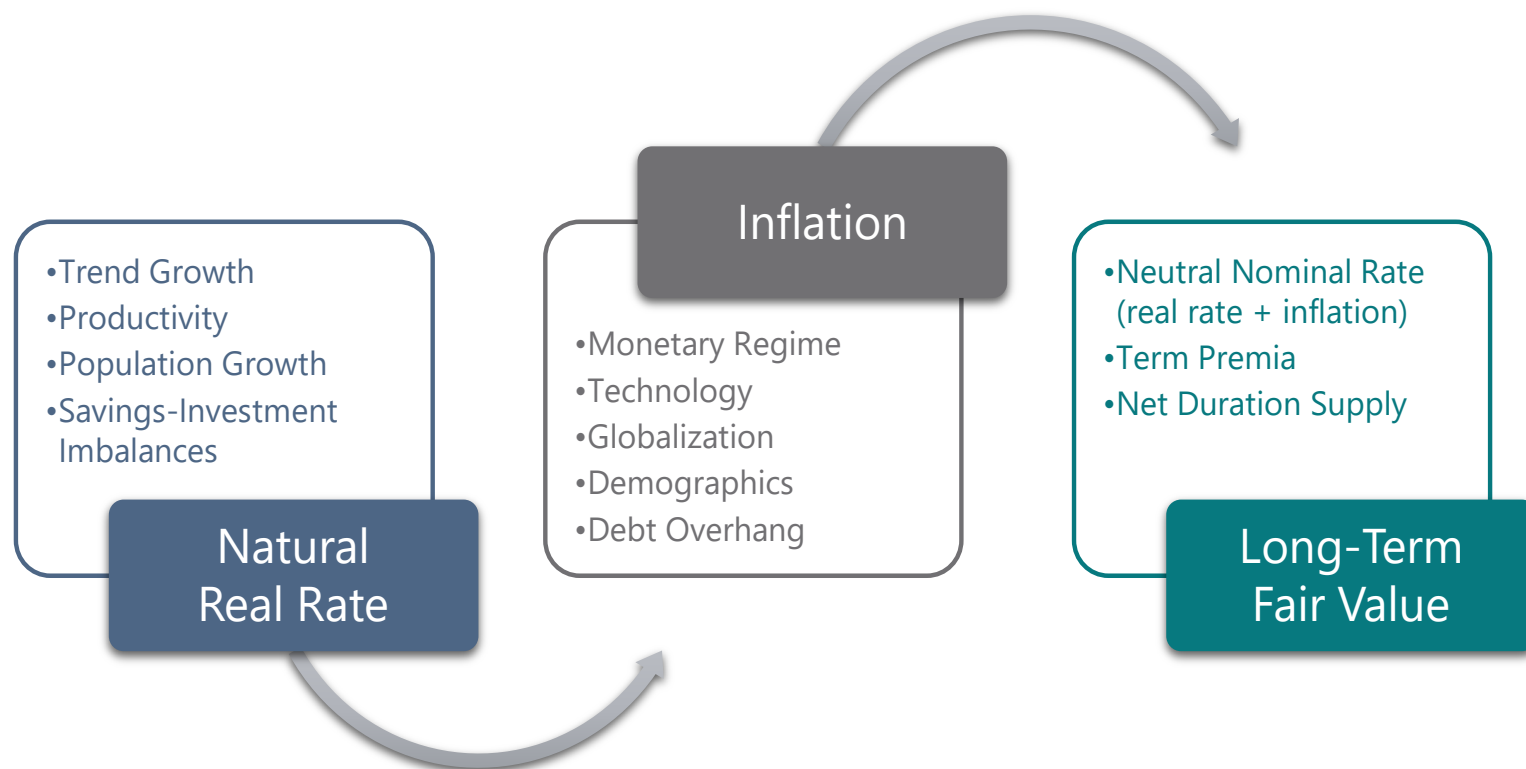




# Investment Process

## Duration & Yield Curve Positioning

- Make duration decisions using a long-term valuation framework, not predictions about interest rates
- Establish active duration positions when rates appear mispriced and seek to capitalize on yield curve opportunities

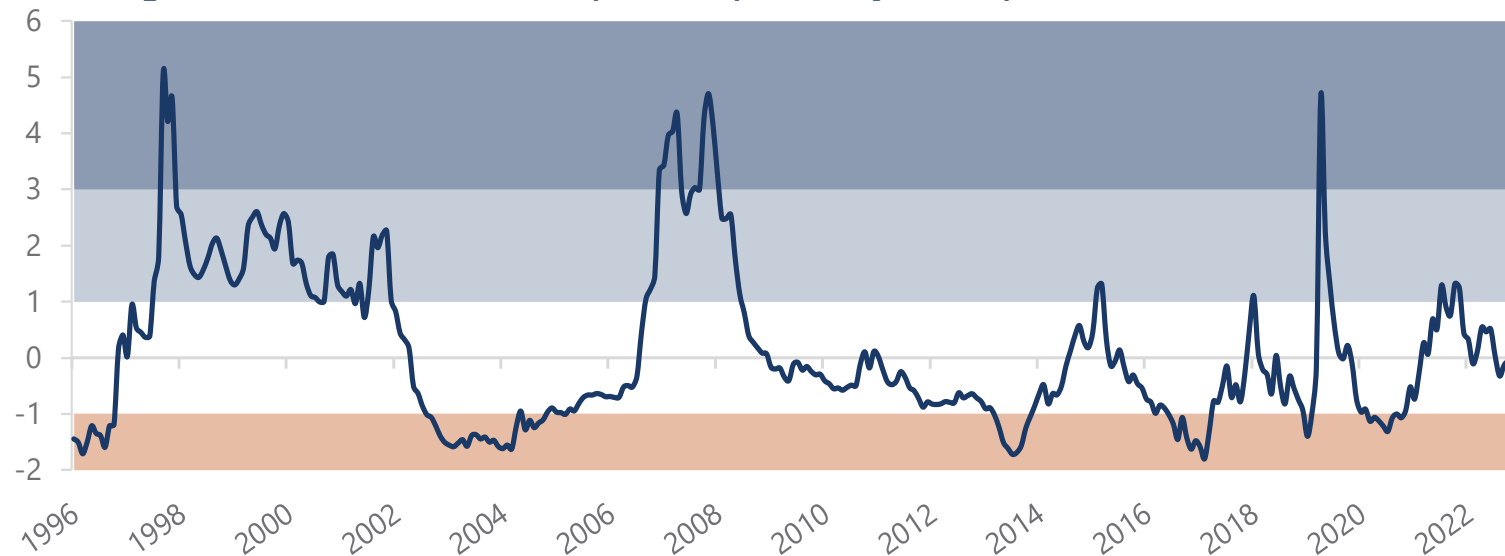


# Investment Process

## Sector Allocation

- Assess relative value based on quantitative analysis of spreads across sectors, sub-sectors, and individual credits
- Incorporate a qualitative overlay based on:
  - Monetary conditions
  - Capital market environment
  - Credit cycle analysis

Bloomberg U.S. Investment Grade Corporate Option-Adjusted Spread (OAS) Z-Score



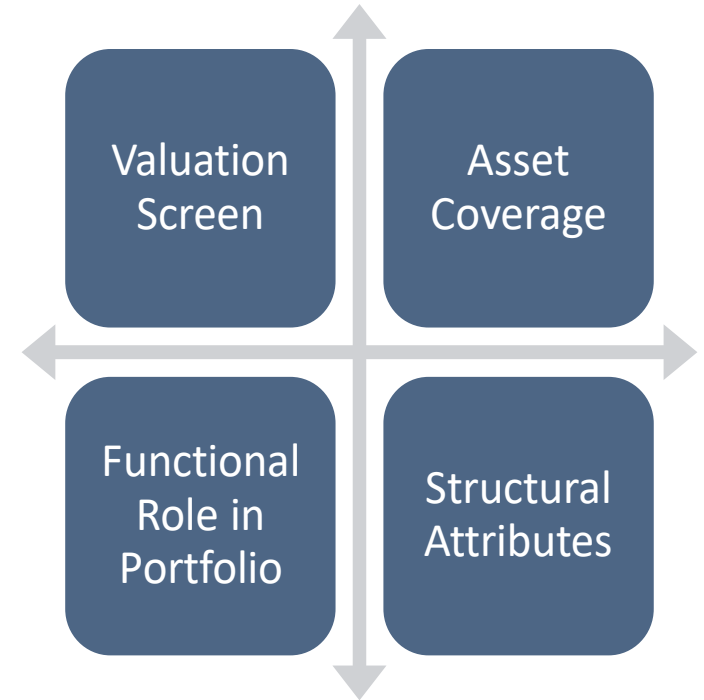
Data as of  
September 30, 2023

Source: Reams Asset Management; Bloomberg Index Services Limited; Bloomberg L.P. as of 9/30/2023

# Investment Process

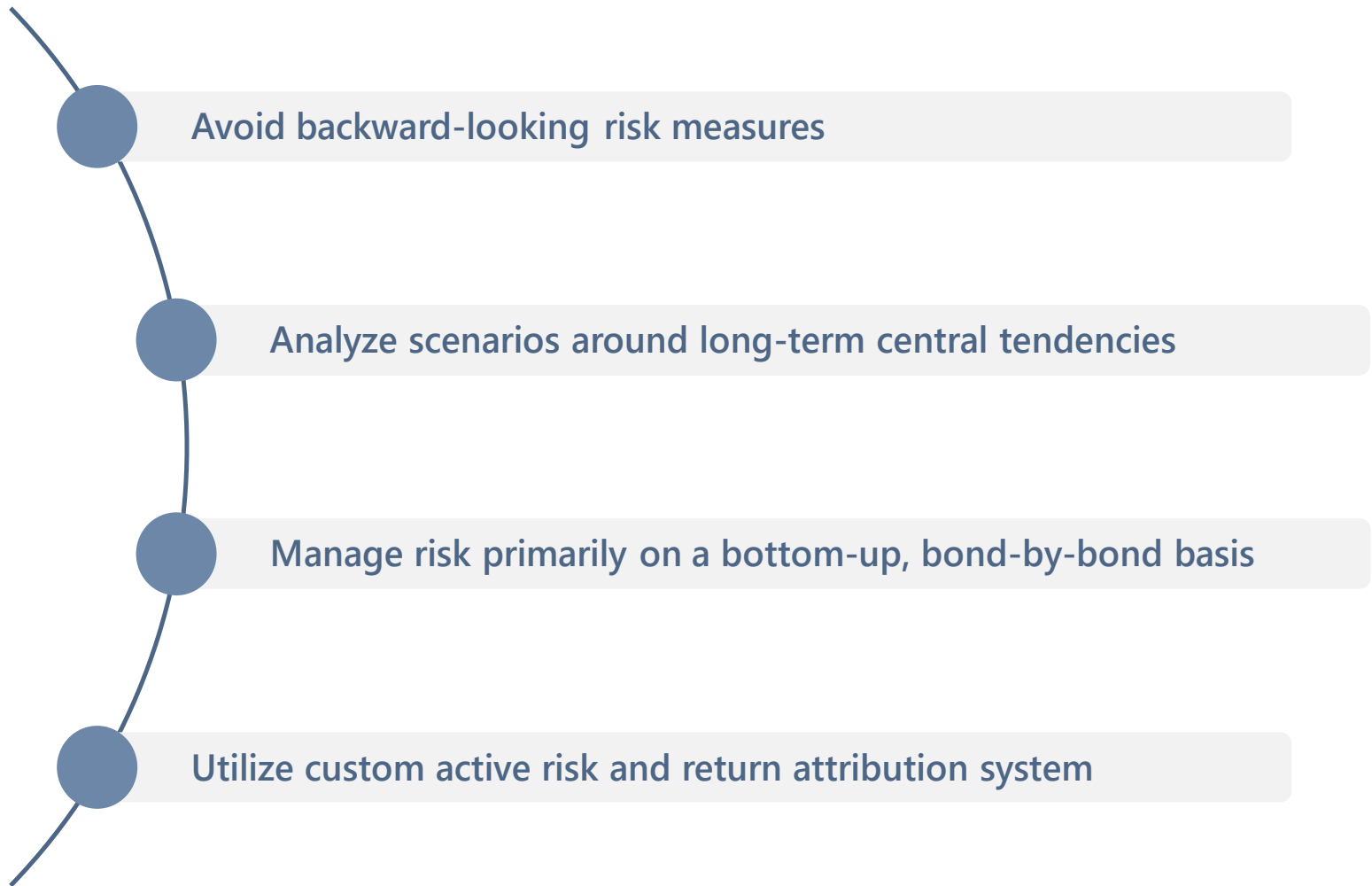
## Security Selection

- Approach security selection from a total return standpoint
- Emphasize asset value and target senior positions with strong collateral protection and structural characteristics
- Focus on bonds with favorable risk/reward profiles across a variety of environments
- Avoid bonds with unacceptable downside return potential in *any* environment



# Investment Process

## Risk Management

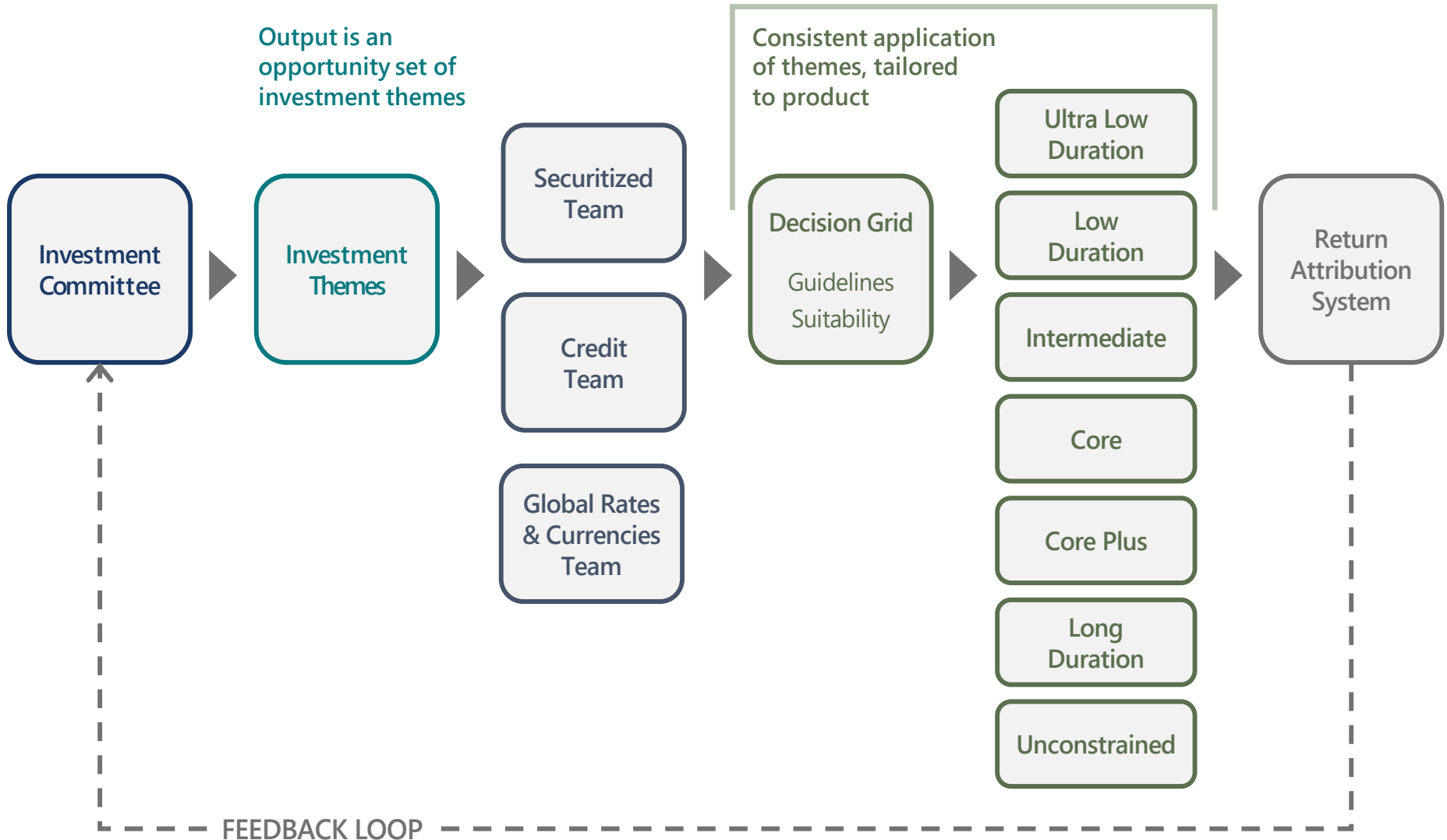


# Investment Process Overview

Committee formulates strategy with specialists' input

With themes set, teams identify individual issues

Real-time feedback on sources of risk and return



# Idea Generation & Decision Making Process

## Idea Generation

- CIO / Portfolio Managers
- Global Rates & Currencies Team
- Credit Team
- Securitized Team

## Investment Review

- Downside Scenario Analysis
- Assess Risk-Reward
- Contribution to Portfolio VaR
- Correlation with Macro Themes
- Liquidity

## Implementation Strategy

- Optimal Instrument
- Position Sizing
- Risk Layering Plan
- Establish Exit Price

## Post-Trade

- Review Attribution
- Monitor Thesis
- Add/Trim/Exit

# Definitions

**Upside / Downside Market Capture:** the proportion of the annualized, compounded total rate of return “captured” by the product versus given benchmark, with benchmark returns grouped by positive (upside) and negative (downside) observations

**Portfolio Duration:** the weighted average duration of all securities held in a portfolio, whereby duration represents the average life of a bond’s cash flows

**Portfolio Convexity:** the weighted average convexity of all securities held in a portfolio, whereby convexity represents the expected change in a bond’s duration for a given change in interest rates

**Avg Yield to Worst:** the weighted average yield to worst of all securities held in a portfolio, whereby yield to worst represents the expected internal rate of return of a bond that equilibrates the current price to all future anticipated cash flows, assuming the most disadvantageous retirement date

**Avg Maturity:** the weighted average maturity of all securities held in a portfolio, whereby maturity represents the final principle cash flow retirement date

**Avg Quality:** the weighted credit quality of all securities held in a portfolio, whereby credit quality represents a security’s aggregated rating assigned by the Nationally Recognized Statistical Rating Organizations (“NRSROs”)

**Contribution to Duration:** measurement of how much a risk factor contributes to the portfolio’s total duration, calculated as factor weight times factor duration

**Spread Duration:** the amount of total duration that is derived from spread sector exposure; alternatively read as the portfolio’s exposure to general spread movements

**Excess Return:** total return of a risky security relative to like-duration U.S. Treasury returns

**Basis Points:** industry nomenclature for referencing performance, expressed as hundredths of 1%

**Yield Curve:** the term structure of interest rates depicted in a linear curve format, from shortest tenor to longest

**Government Related:** the sector designation that includes Agency, Supranational, Sovereign and Foreign Agencies

**MBS:** the sector designation that includes both residential and commercial mortgage pass-through securities

**ABS:** the sector designation that includes secured debt of non-first mortgage home loans, including credit card, auto, home equity and auto dealer inventory

**IG Credit:** the sector designation that includes investment grade corporate debt

**HY Credit:** the sector designation that includes corporate debt rated below investment grade, as measured by the ratings from NRSROs

**Non USD:** the class designation that includes non-dollar debt and currency forwards

**Spread Sector:** nongovernmental fixed income investments with higher yields at greater risk than governmental instruments

**TIPS:** the class designation for Treasury Inflation Protected Securities

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# Ventura County Employees' Retirement Association

October 23, 2023

Kevin P. Gore  
Julien A. Scholnick, CFA



# Biographies

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## **KEVIN P. GORE**

*24 Years' Experience*

- *Western Asset Management Company, LLC, 2003-, Client Service Executive*
- *Goldman Sachs International, 1999-2002, Senior Analyst, Fixed Income Operations*
- *The Drucker School of Management, Claremont Graduate University, M.B.A.*
- *University of Leeds, United Kingdom, B.A.*



## **JULIEN A. SCHOLNICK**

*26 Years' Experience*

- *Western Asset Management Company, LLC, 2003-, Portfolio Manager*
- *Salomon Smith Barney, 2000-2001, Associate, Private Client Group*
- *Digital Coast Partners, 1999-2000, Senior Analyst*
- *Arthur Andersen, LLP, 1997-1999, Senior Analyst*
- *Cornell University, M.B.A.*
- *University of California, Los Angeles, B.A., magna cum laude*
- *Chartered Financial Analyst*

*Western Asset experience reflects current position title and hire date.*

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- I. About Western Asset
- II. Philosophy, Process and People
- III. Portfolio Review
- IV. Investment Outlook
- V. Appendix

## About Western Asset

# About Western Asset

Western Asset is a globally integrated fixed-income manager, sourcing ideas and investment solutions worldwide.

Western Asset At a Glance	Organizational Pillars	AUM by Sector – Total \$369.5 billion (USD)																		
<ul style="list-style-type: none"> <li>▪ Founded in 1971. Specialist Investment Manager of Franklin Resources, Inc. since July 31, 2020</li> <li>▪ Fixed-income value investors</li> <li>▪ \$369.5 billion (USD) AUM                             <ul style="list-style-type: none"> <li>– \$316.8 billion (USD) long-term assets</li> <li>– \$52.7 billion (USD) cash and cash equivalent assets</li> </ul> </li> <li>▪ 679 employees</li> </ul>	<ul style="list-style-type: none"> <li>▪ Clients first</li> <li>▪ Globally integrated</li> <li>▪ Team-based</li> <li>▪ Active fixed-income</li> <li>▪ Integrated risk management</li> </ul>	<table border="0"> <tr> <td>Global IG Corporate</td> <td style="text-align: right;">109</td> </tr> <tr> <td>MBS/ABS</td> <td style="text-align: right;">68</td> </tr> <tr> <td>Cash &amp; Cash Equivalents</td> <td style="text-align: right;">53</td> </tr> <tr> <td>Sovereign, Treasuries &amp; Agencies</td> <td style="text-align: right;">44</td> </tr> <tr> <td>Emerging Market Debt</td> <td style="text-align: right;">32</td> </tr> <tr> <td>Local Authority &amp; Municipals</td> <td style="text-align: right;">19</td> </tr> <tr> <td>Global High Yield</td> <td style="text-align: right;">17</td> </tr> <tr> <td>Global Inflation Linked</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Other</td> <td style="text-align: right;">24</td> </tr> </table>	Global IG Corporate	109	MBS/ABS	68	Cash & Cash Equivalents	53	Sovereign, Treasuries & Agencies	44	Emerging Market Debt	32	Local Authority & Municipals	19	Global High Yield	17	Global Inflation Linked	4	Other	24
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Other	24																			

## Western Asset's Deep Global Integration Allows Us to Source Investment Ideas and Investment Solutions Across Regions

<b>Investment Management</b>	<ul style="list-style-type: none"> <li>▪ 122 investment professionals on five continents and in seven offices</li> <li>▪ 25 years average experience</li> <li>▪ 35 portfolio and quantitative analysts in portfolio operations</li> </ul>	<p><b>Global Footprint (AUM in USD billions)</b></p>
<b>Client Service &amp; Marketing</b>	<ul style="list-style-type: none"> <li>▪ 153 staff dedicated to client service</li> <li>▪ Specialized teams to meet individual client needs</li> </ul>	
<b>Risk Management &amp; Operations</b>	<ul style="list-style-type: none"> <li>▪ Independent risk management function with 33 professionals including 12 PhDs</li> <li>▪ 266 staff dedicated to globally integrated operations</li> </ul>	

Source: Western Asset. As of 30 Sep 23  
 \*Splits time between Hong Kong and Singapore offices

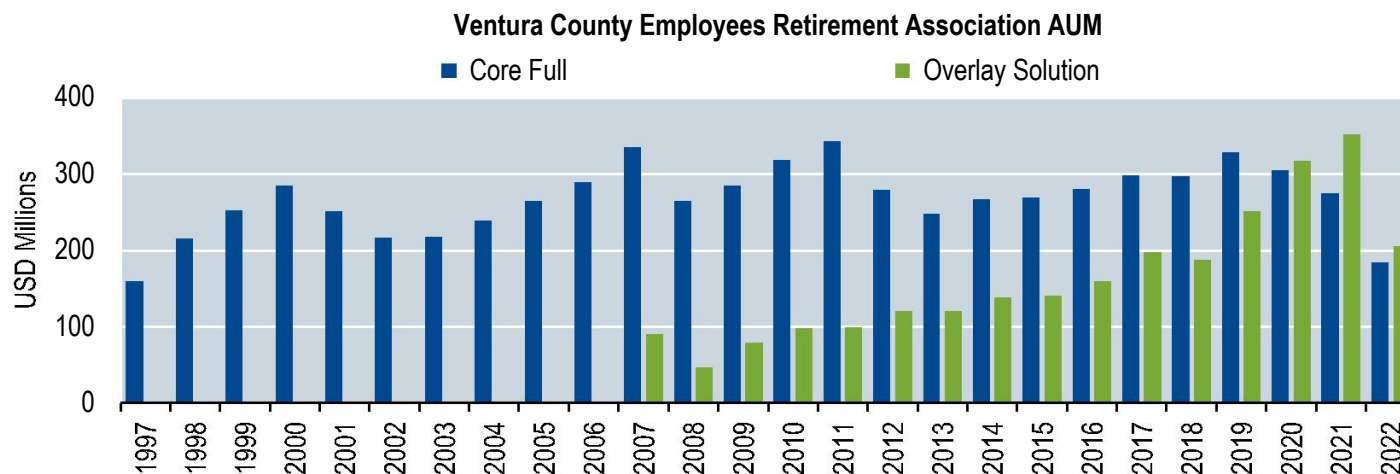


# Relationship Summary

## Ventura County Employees Retirement Association

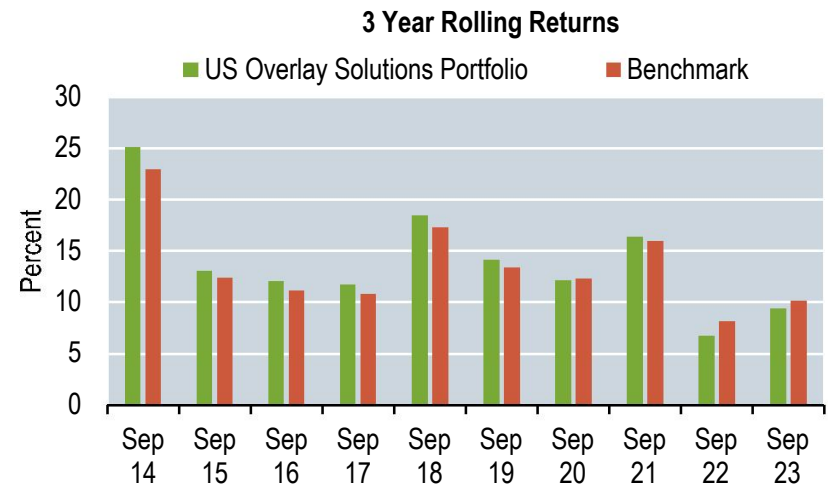
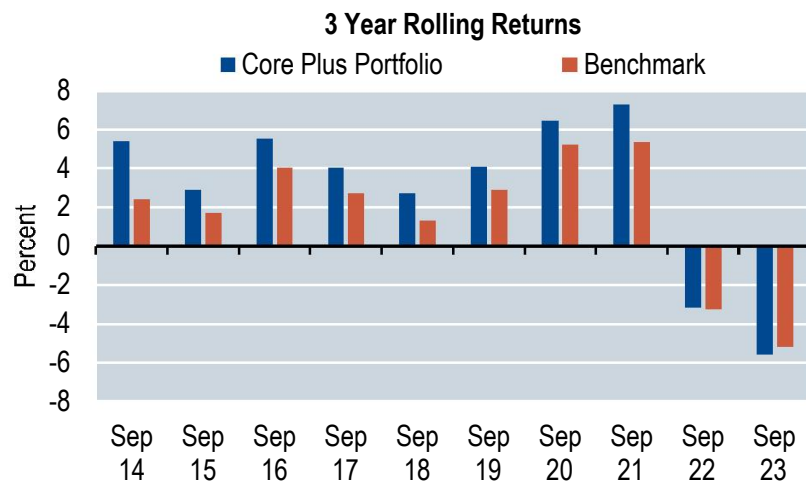
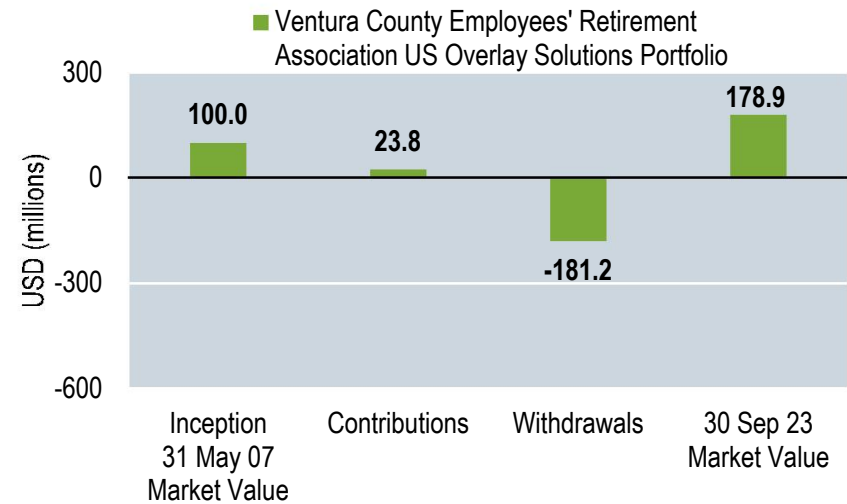
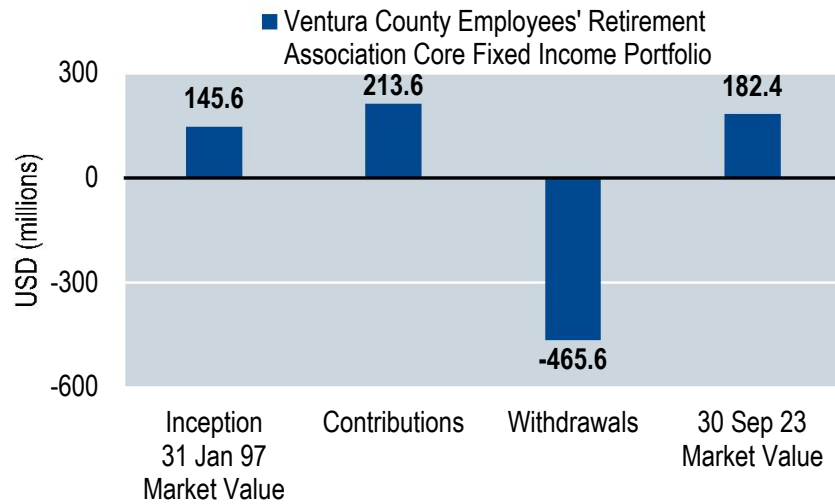
September 30, 2023

Ventura County Employees Retirement Association		
<b>Mandate</b>	US Core Plus	US Overlay Solution
<b>Initial Funding</b>	\$182,393,347	\$178,874,721
<b>Portfolio Inception</b>	January 2, 1997	May 31, 2007
<b>Market Value*</b>	\$191,382,472	\$169,286,615
<b>Investment Objective</b>	Outperform the index while approximating benchmark risk	Outperform the index while controlling portfolio risk
<b>Benchmark</b>	Bloomberg US Aggregate USD Unhedged Index	S&P 500
<b>Alpha Target</b>	125 bps	75 bps
<b>Tracking Error Budget</b>	250 bps	150 bps
<b>5-Year Net Return</b>	-.10% (exceeded the Index by 17 bps)	8.38% (underperforms the Index by 86 bps)
<b>Consulting Firm</b>	NEPC	NEPC
<b>Consultant(s)</b>	Allan Martin	Allan Martin
<b>Risk Controls</b>		
	<b>Duration</b> +/- 20% of the benchmark	Maximum one year
	<b>Quality</b> Average portfolio credit quality AA	Average portfolio credit quality AA-
	<b>Diversification</b> Max 10% below IG; Max 20% Non-US	Max 10% below IG; Max 10% non-US with a Max 5% unhedged



Source: Western Asset

# Source of Returns and Liquidity



Source: Western Asset  
Flow information is from inception of the portfolios.

# About Western Asset – Clients

Committed to excellence in client service

## Representative Client List

Corporate	Public / Government	Multi-Employer / Unions	Eleemosynary
<p>AT&amp;T Services, Inc. Bayer Corporation Campbell Soup Company Caterpillar Inc. GXO Logistics UK Hawaiian Airlines, Inc. Treasury International Paper Company Kvaerner Lee Enterprises NISource Inc. Norfolk Southern Corporation Northrop Grumman Corporation NXP Semiconductor, Inc. Refineria Isla Curaçao B.V. Ryder System, Inc. SMART Bowling Scholarship Funding Corporation Southern California Edison Company Stellantis Thyssenkrupp North America, Inc. Unisys Corporation Verizon Investment Management Corp Weil, Gotshal &amp; Manges, LLP Westlake Chemical Corporation XPO Logistics Inc</p>	<p>Anne Arundel (MD) Retirement Systems Arkansas Local Police and Fire Retirement System Baltimore County (MD) Employees Retirement System California State Teachers' Retirement System City of Aurora City of Grand Rapids Retirement Systems City of Phoenix Employees' Retirement System compenswiss Employees' Retirement System of the City of Baton Rouge and Parish of East Baton Rouge Employees' Retirement System of the State of Rhode Island Fife Council Pension Fund Firemen's Annuity and Benefit Fund of Chicago Fresno County Employees' Retirement Association Government of Bermuda Public Funds Holyoke Contributory Retirement System Indiana State Treasurer's Office Los Angeles County Employees Retirement Association Louisiana Sheriff's Pension &amp; Relief Fund Marin County Employees' Retirement Association Minnesota State Board of Investment Ohio Police &amp; Fire Pension Fund Oklahoma City Employee Retirement System Oregon Public Employees Retirement System (PERS) Public Employee Retirement System of Idaho Public School Teachers' Pension and Retirement Fund of Chicago Salt River Project Agricultural Improvement and Power District School Employees Retirement System of Ohio State of Ohio Bureau of Workers Compensation Tennessee Valley Authority Ventura County Employees' Retirement Association Washington Metro Area Transit Authority Wichita (KS) Retirement Systems</p>	<p>1199SEIU Health Care Employees Pension Fund 4th District IBEW Health Fund Automotive Machinists Pension Trust Boilermaker Blacksmith National Pension Trust Carpenters' Pension Trust Fund of Kansas City Construction Industry Laborers Directors Guild of America-Producer Pension and Health Plans (DGA - PPHP) Electrical Workers, IBEW, Local 531 Graphic Arts Industry Joint Pension Trust Heavy &amp; General Laborers' Locals 472/172 IBEW Local 683 Pension Fund IBEW Local No. 9 ILWU-PMA Benefit Plans Iron Workers Local #11 Benefit Funds IUOEE Construction Ind Ret Plan, Locals 302 and 612 Line Construction Benefit Fund Local 804 &amp; 447 UPS Multi-Employer Retirement Plan National Education Association of the United States New England Healthcare Employees Union, District 1199, AFL-CIO New Jersey Building Laborers Statewide Welfare Fund New Jersey Transit Operating Engineers Local #428 Trust Funds Pacific Coast Roofers PacifiCorp/IBEW Local 57 Retirement Trust Fund Pittsburgh Plumbers Local No. 27 Pension Fund Plumbers &amp; Pipefitters Local 396 Pension Fund Retail Wholesale &amp; Department Store Union Roofers Local Union No. 8 Pension Fund Roofers Pension Fund Southern Nevada Culinary &amp; Bartenders Pension Trust Fund Teamsters Union Local No. 52 Pension Fund UNITE HERE Local 5 United Association Union Local No. 290 Plumber, Steamfitter &amp; Shipfitter Industry Pension Trust United Auto Workers (UAW) United Crafts Benefits Fund United Food and Commercial Workers Union Local 919 Western Washington Laborers Employers Pension Trust</p>	<p>Alfred P. Sloan Foundation Baha'i World Centre Catholic Umbrella Pool Clark Enterprises, Inc. Columbus Medical Association Foundation Commonfund Communities Foundation of Texas Community Foundation of Louisville Community Foundation of Southern Indiana, Inc. Domestic &amp; Foreign Missionary Society ECUSA Dubois County Community Foundation Glass-Glen Burnie Foundation Jewish Federation of Greater Philadelphia Jewish Heritage Fund for Excellence National Aquarium in Baltimore Polytechnic School Rockford Woodlawn Fund, Inc St. George Corporation Foundation Strada Education Network, Inc. Texas Presbyterian Foundation The Catholic Foundation of Central Florida The Diocese of Allentown The Donald B. and Dorothy L. Stabler Foundation The Foundation for the Children's Home of Cincinnati, Inc University of Southern California University System of Maryland Foundation Washington State University</p>
<p><b>Financial Services</b></p> <p>Asset Management One Co., Ltd. Desjardins GuideStone Capital Management, LLC Highbury Pacific Capital Corp. Omnis Investments Ltd Russell Investments SEI Tokio Marine Asset Management Co., Ltd.</p>	<p><b>Insurance</b></p> <p>Blue Cross and Blue Shield of Massachusetts, Inc. Capital BlueCross Inc. CONTASSUR s.a./n.v Elevance Health, Inc Empower Annuity Insurance Company of America - BOLI Everen Investment Ltd Fremtind Forsikring AS Genworth Financial, Inc.</p>	<p><b>Health Care</b></p> <p>AmeriHealth Caritas Ascension Investment Management Baylor Scott &amp; White Holdings Children's Hospital Colorado CHRISTUS Health Holy Name Medical Center LCMC Health Norman Regional Health System Seattle Children's Hospital</p>	

As of 31 Aug 23. Western Asset's Representative Client List includes clients who have provided written consent or verbal permission for inclusion in Western Asset's marketing materials. The list is limited to current clients directly contracted with Western Asset whose assets are actively managed at the time of the list's production. A client's inclusion on this list does not imply their approval, recommendation or otherwise of Western Asset or the advisory services provided.



# About Western Asset

## Public/Multi-Employer Channel Update

September 30, 2023

### Business Update

#### Assets under management *(as of 30 September 23)*

- Total US Public Fund/Multi-Employer AUM of \$26.6 billion (USD)
- \$21.1 billion (USD) Public Fund assets
- \$5.3 billion (USD) Multi-Employer assets

#### Client solutions/conversations

- Back in Favor: The New Case for Fixed-Income
  - Improving valuations
  - Improving backdrop
  - Diversification benefits
- Attractive opportunities in fixed-income
  - Short-Dated High Yield
  - Multi-Asset Credit

#### Follow us on social media



@westernasset



Western Asset Management

### Perspectives

#### Insights *(available at [www.westernasset.com](http://www.westernasset.com))*

- Third Quarter 2023 Global Outlook
- Market Commentary by CIO Ken Leech
- Inflation Likely to Be Within Fed's Comfort Zone Soon by Michael J. Bazdarich, PhD

#### The Western Asset Blog

- What's Happening in the US Treasury Market? by Robert O. Abad
- The Investment Case for India Government Bonds by Desmond Soon, CFA, Wontae Kim
- Consumption Slows a Bit, Core Inflation Data Favorable by Michael J. Bazdarich, PhD

#### Webcast *(available at [www.westernasset.com](http://www.westernasset.com))*

- 4Q23 Market & Strategy Update Webcast with Ken Leech, CIO
- Macro Opportunities Strategy Update—Focusing on Today's Macro Opportunities
- PM Exchange—The Compelling Case for Credit and Higher-Quality Bonds

#### Recent media appearances *(available at [www.westernasset.com](http://www.westernasset.com))*

- Attractive Yields Abound on CNBC: John Bellows, PhD, Portfolio Manager
- Inflation Approaching Fed Target on CNBC: John Bellows, PhD, Portfolio Manager
- Advanced Technologies and Muni Market Analysis on Bloomberg TV: Head of Municipals

## Philosophy, Process and People

# Investment Philosophy

These are the core beliefs that drive our investment decision-making.

## Long-term fundamental value

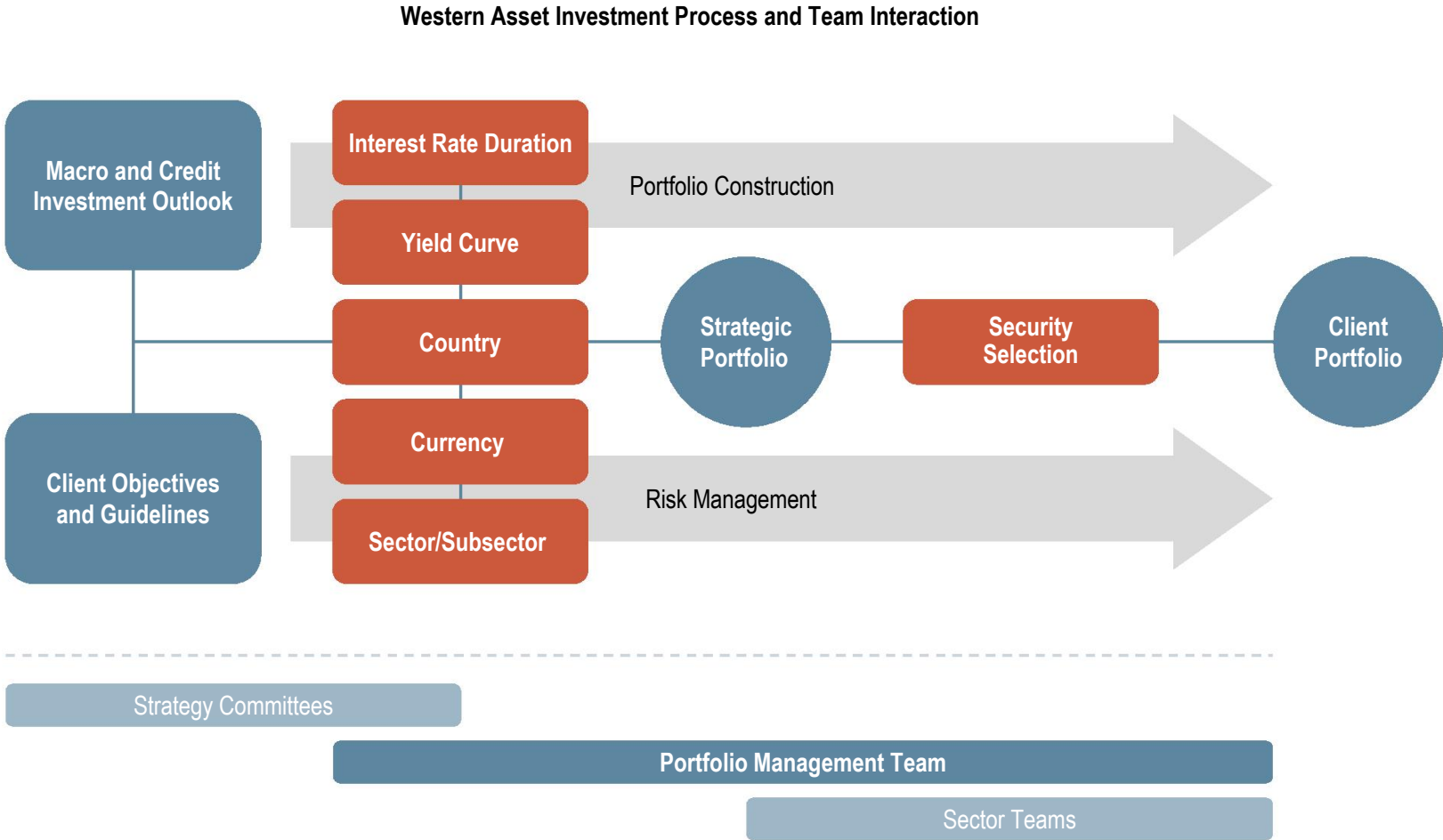
- **Markets often misprice securities.** Prices can deviate from fundamental fair value, but over time, they typically adjust to reflect inflation, credit quality fundamentals and liquidity conditions. Consistently investing in undervalued securities may deliver attractive investment returns.
- **We can systematically identify mispricings.** We believe we can identify and capitalize on markets and securities that are priced below fundamental fair value. We do this through disciplined and rigorous analysis, comparing prices to the fundamental fair values estimated by our macroeconomic and credit research teams around the globe.
- **Our portfolios emphasize our highest convictions.** The greater the difference between our view of fair value and markets' pricing, the bigger the potential value opportunity. The greater the degree of confidence in our view of fundamentals, the greater the emphasis of the strategies in our portfolios.

## Multiple diversified strategies

- **We seek diversified sources of returns.** Our objective is to meet or exceed our investors' performance objectives within their tolerances for risk. We seek to diversify investments and add value across interest rate duration, yield curve, sector allocation, security selection, country and currency strategies. We deploy multiple diversified strategies that benefit in different environments so no one strategy dominates performance, helping to dampen volatility.

# Investment Process

Our time-tested investment process is designed around our value philosophy and our team-based approach.



# People

The US Broad Market Team leverages Western Asset's global investment capabilities.

## Portfolio Management

- S. Kenneth Leech**  
Portfolio Manager / Co-CIO
- John L. Bellows, PhD, CFA**  
Portfolio Manager
- Amit Chopra, CFA**  
Portfolio Manager
- Mark S. Lindbloom**  
Portfolio Manager
- Keith A. Luna, CFA**  
Portfolio Manager
- Frederick R. Marki, CFA**  
Portfolio Manager
- Nicholas Mastroianni, CFA**  
Portfolio Manager
- Julien A. Scholnick, CFA**  
Portfolio Manager
- Molly Schwartz, CFA**  
Portfolio Manager
- Theresa Veres**  
Portfolio Manager
- Bonnie M. Wongtrakool, CFA**  
Portfolio Manager
- Rafael Zielonka, CFA**  
Portfolio Manager

## US Broad Market Team

### Derivatives

- Jim K. Huynh**  
Portfolio Manager
- Keith A. Luna, CFA<sup>1</sup>**  
Portfolio Manager

### Risk Management

- Robert Gingrich, PhD**  
Manager of Alternatives & Derivatives Risk
- Porntawee Nantamasikarn, PhD**  
Portfolio Risk Manager
- Han Zheng, CFA**  
Portfolio Risk Manager

### Product

- Travis M. Carr, CFA**  
Product Specialist
- Virgil F. Esguerra, CAIA**  
Product Analyst

### Trading

- Nicholas Mastroianni, CFA<sup>1</sup>**  
Portfolio Manager
- Rafael Zielonka, CFA<sup>1</sup>**  
Portfolio Manager

### Portfolio Analysis

- Zachary Klein, CFA**  
Portfolio Analyst
- John Rodli, CFA**  
Portfolio Analyst

## Western Asset Investment Team

### Investment Management Professionals

- Co-Chief Investment Officers: Michael C. Buchanan, S. Kenneth Leech
- 122 Investment Professionals on five continents and seven offices, as of September 30, 2023
- 25 years of average experience

### Major Investment Committees

- Global Investment Strategy Committee
- Global Credit Committee
- US Broad Strategy Committee
- Global Emerging Markets Strategy Committee
- Unconstrained Asset Allocation Committee

### Sector and Regional Teams

- |                                |               |
|--------------------------------|---------------|
| ▪ Global credit                | ▪ US          |
| ▪ Investment-grade             | ▪ Europe      |
| ▪ High-yield                   | ▪ UK          |
| ▪ Emerging markets             | ▪ Japan       |
| ▪ Mortgage and consumer credit | ▪ Asia        |
| ▪ Long duration                | ▪ Brazil      |
| ▪ US municipal                 | ▪ Australia / |
| ▪ Liquidity                    | New Zealand   |
| ▪ Insurance                    |               |

### Independent Risk Management Function

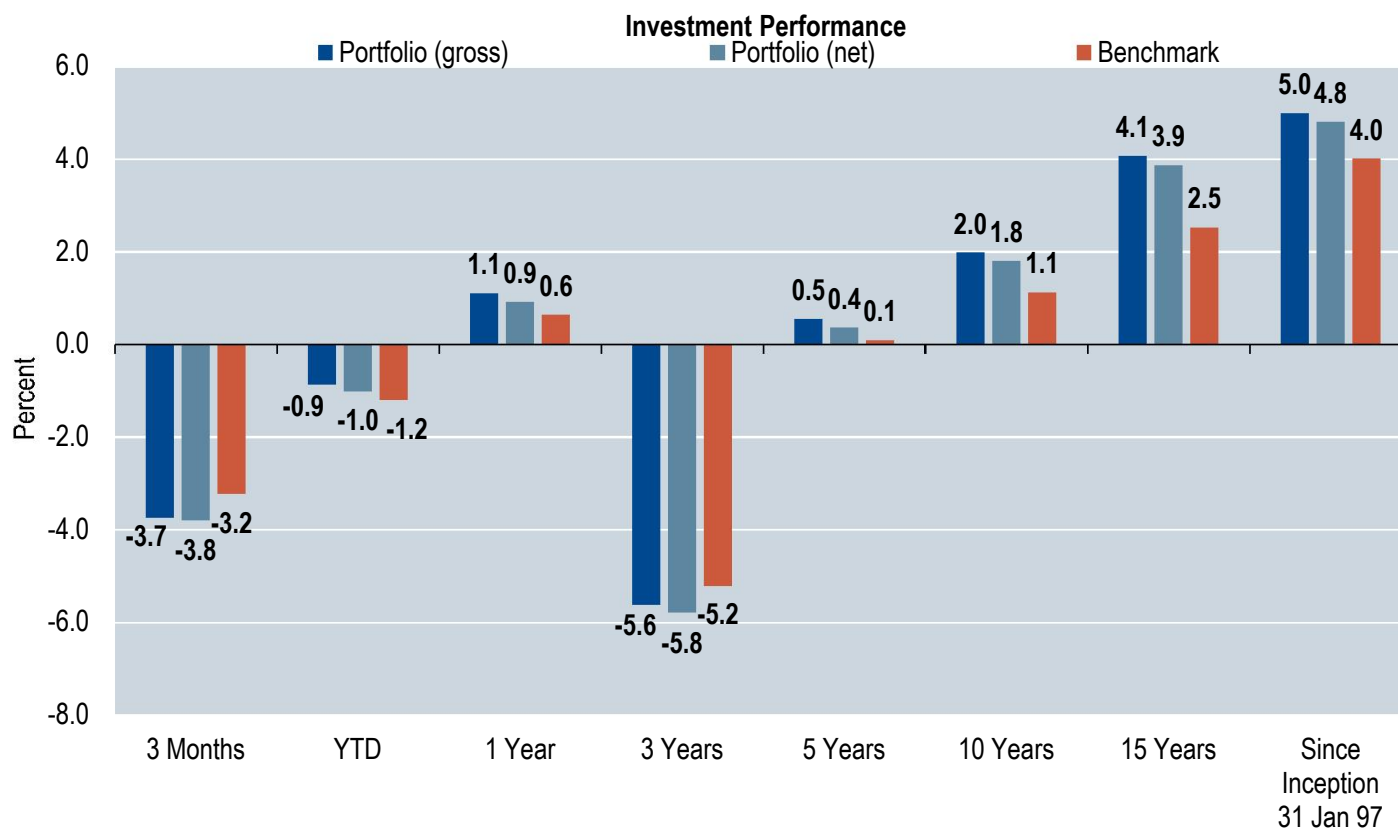
- Chief Risk Officer: Ahmet E. Kocagil
- Independent evaluation of strategies and risks
- Market and Credit Risk Committee
- 33 investment risk professionals

## Portfolio Review

# Investment Results

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio vs. Bloomberg US Aggregate USD Unhedged Index

September 30, 2023



Manager Calendar Year Performance (net of fees)

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Investment Product	-16.21	-1.37	10.84	10.64	-0.46	6.15	4.30	1.02	7.64	-0.95	9.94	7.50	11.55
Benchmark	-13.01	-1.54	7.51	8.72	0.01	3.54	2.65	0.55	5.97	-2.02	4.21	7.84	6.54
<b>Difference</b>	<b>-3.20</b>	<b>0.17</b>	<b>3.33</b>	<b>1.92</b>	<b>-0.47</b>	<b>2.60</b>	<b>1.65</b>	<b>0.47</b>	<b>1.67</b>	<b>1.08</b>	<b>5.73</b>	<b>-0.34</b>	<b>5.01</b>

Source: Western Asset. Returns for periods greater than one year are annualized. Returns since inception are as of the indicated close of business day.

# Investment Results

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio Rolling Performance

December 31, 2022

	Annual (%)		3 Years (%)		5 Years (%)		7 Years (%)		10 Years (%)	
	Core Full	US Agg	Core Full	US Agg	Core Full	US Agg	Core Full	US Agg	Core Full	US Agg
31 Dec 1998	8.69	8.69								
31 Dec 1999	-1.46	-0.82								
31 Dec 2000	12.92	11.63	6.54	6.36						
31 Dec 2001	9.16	8.44	6.70	6.28						
31 Dec 2002	9.92	10.26	10.66	10.10	7.73	7.55				
31 Dec 2003	9.27	4.10	9.45	7.57	7.85	6.62				
31 Dec 2004	6.72	4.34	8.63	6.20	9.58	7.71	7.81	6.59		
31 Dec 2005	3.40	2.43	6.44	3.62	7.67	5.87	7.04	5.69		
31 Dec 2006	5.33	4.33	5.14	3.70	6.90	5.06	8.06	6.45		
31 Dec 2007	5.00	6.97	4.57	4.56	5.93	4.42	6.95	5.81	6.83	5.97
31 Dec 2008	-8.69	5.24	0.33	5.51	2.19	4.65	4.25	5.36	4.98	5.63
31 Dec 2009	19.11	5.93	4.52	6.04	4.46	4.97	5.45	4.75	6.99	6.33
31 Dec 2010	11.55	6.54	6.65	5.90	6.05	5.80	5.77	5.10	6.86	5.84
31 Dec 2011	7.50	7.84	12.62	6.77	6.49	6.50	5.88	5.60	6.69	5.78
31 Dec 2012	9.94	4.21	9.65	6.19	7.47	5.95	6.81	5.86	6.70	5.18
31 Dec 2013	-0.95	-2.02	5.39	3.26	9.24	4.44	5.87	4.91	5.65	4.55
31 Dec 2014	7.64	5.97	5.44	2.66	7.05	4.45	6.25	4.77	5.74	4.71
31 Dec 2015	1.02	0.55	2.51	1.44	4.94	3.25	7.80	4.09	5.50	4.51
31 Dec 2016	4.30	2.65	4.28	3.03	4.31	2.23	5.77	3.63	5.39	4.34
31 Dec 2017	6.15	3.54	3.80	2.24	3.58	2.10	5.02	3.20	5.51	4.01
31 Dec 2018	-0.46	0.01	3.29	2.06	3.68	2.52	3.87	2.10	6.42	3.48
31 Dec 2019	10.84	8.72	5.40	4.03	4.29	3.05	4.00	2.72	5.66	3.75
31 Dec 2020	11.03	7.51	7.00	5.34	6.28	4.44	5.70	4.09	5.61	3.84
31 Dec 2021	-1.20	-1.54	6.73	4.79	5.14	3.57	4.42	3.00	4.72	2.90
31 Dec 2022	-16.05	-13.01	-2.71	-2.71	0.32	0.02	1.69	0.89	1.94	1.06

### Periods

**Outperformed**      **72%**                      **87%**                      **86%**                      **95%**                      **94%**

Source: Bloomberg, Western Asset

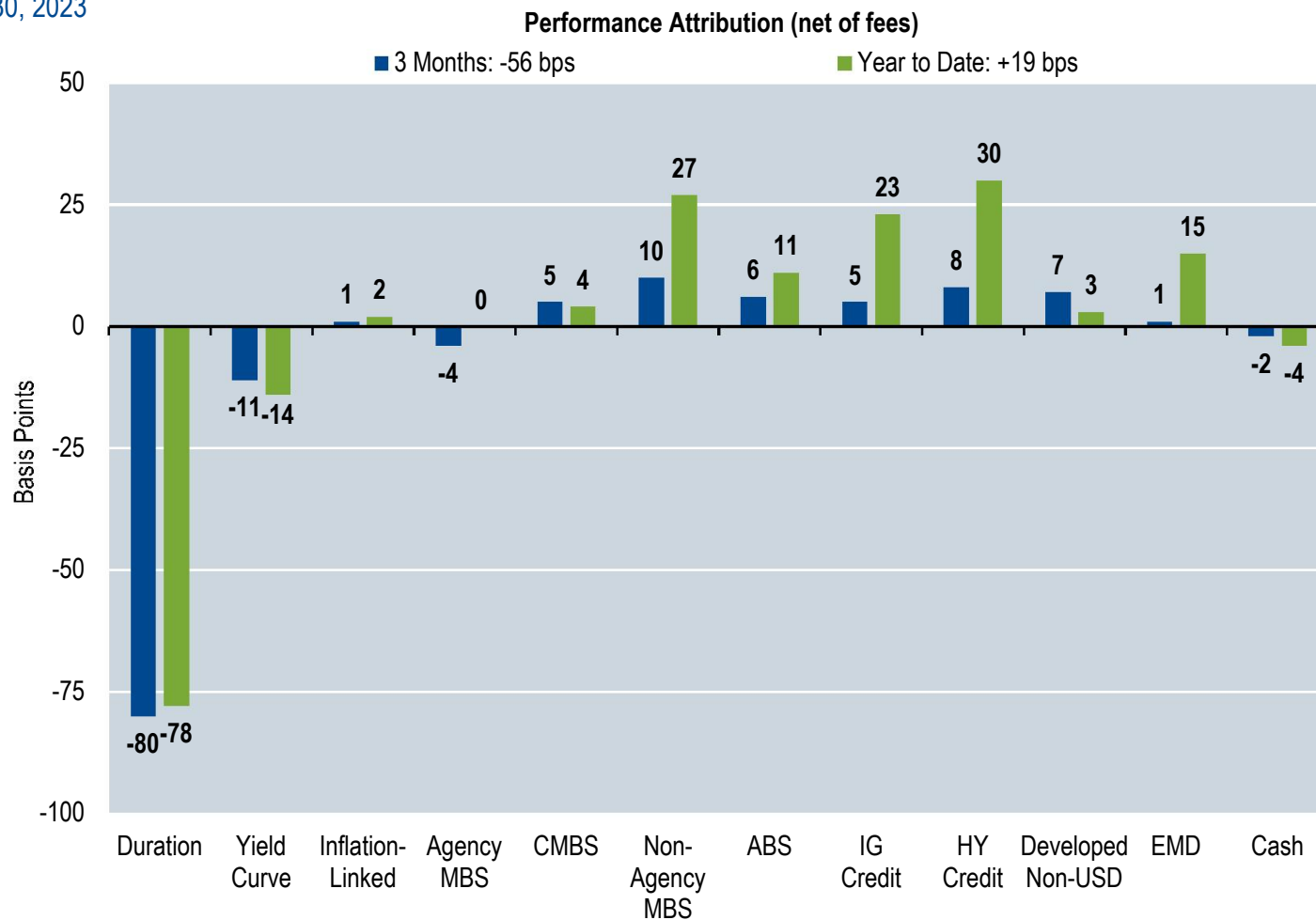
Returns are gross of fees. Returns for periods greater than one year are annualized. Returns since inception are as of the indicated close of business day.



# Attribution Analysis

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio vs. Bloomberg US Aggregate USD Unhedged Index

September 30, 2023



Source: Western Asset

Western Asset believes that attribution is not a hard science, but rather a means of evaluating strategies to determine their relative impact on overall portfolio performance.

The intent of the manager, therefore, is critical in the evaluation of different strategies, and the return attribution for any sector or strategy could be over or understated due to its inclusion in another component.

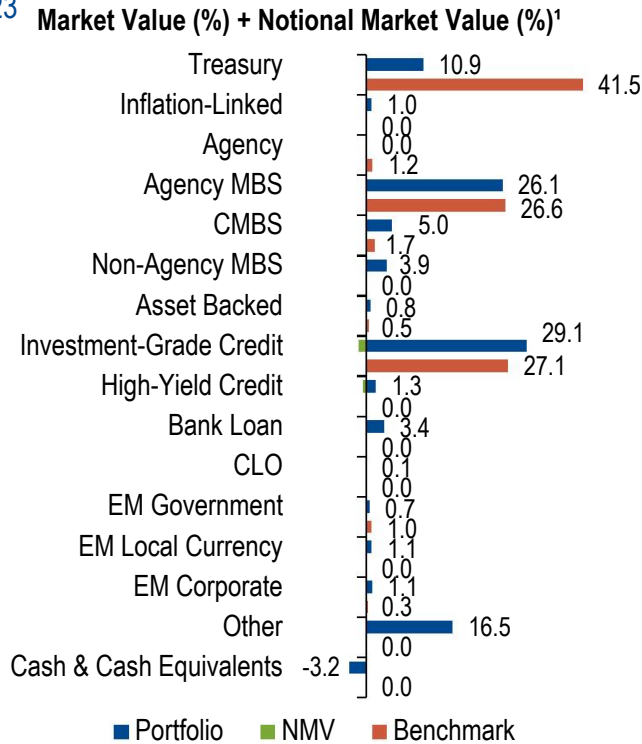
Note: Attribution is calculated using prices sourced from independent pricing vendors or brokers in accordance with Western Asset's approved pricing hierarchy. Therefore, performance presented here may differ from performance calculated by official sources for benchmarks as well as for funds that use a third-party administrator.

Data may not sum to total due to rounding.

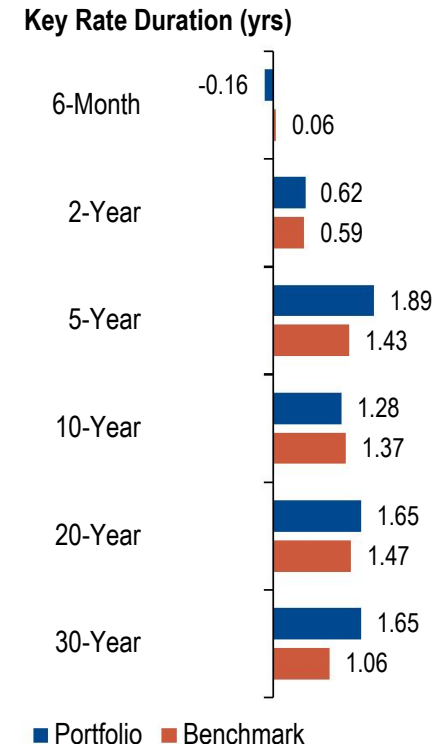
# Sector Exposure

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio vs. Bloomberg US Aggregate USD Unhedged Index

September 30, 2023



**Yield-to-Worst**  
 Portfolio: 6.24  
 Benchmark: 5.38



**Total Duration**  
 Portfolio: 6.93  
 Benchmark: 5.99

Source: Western Asset

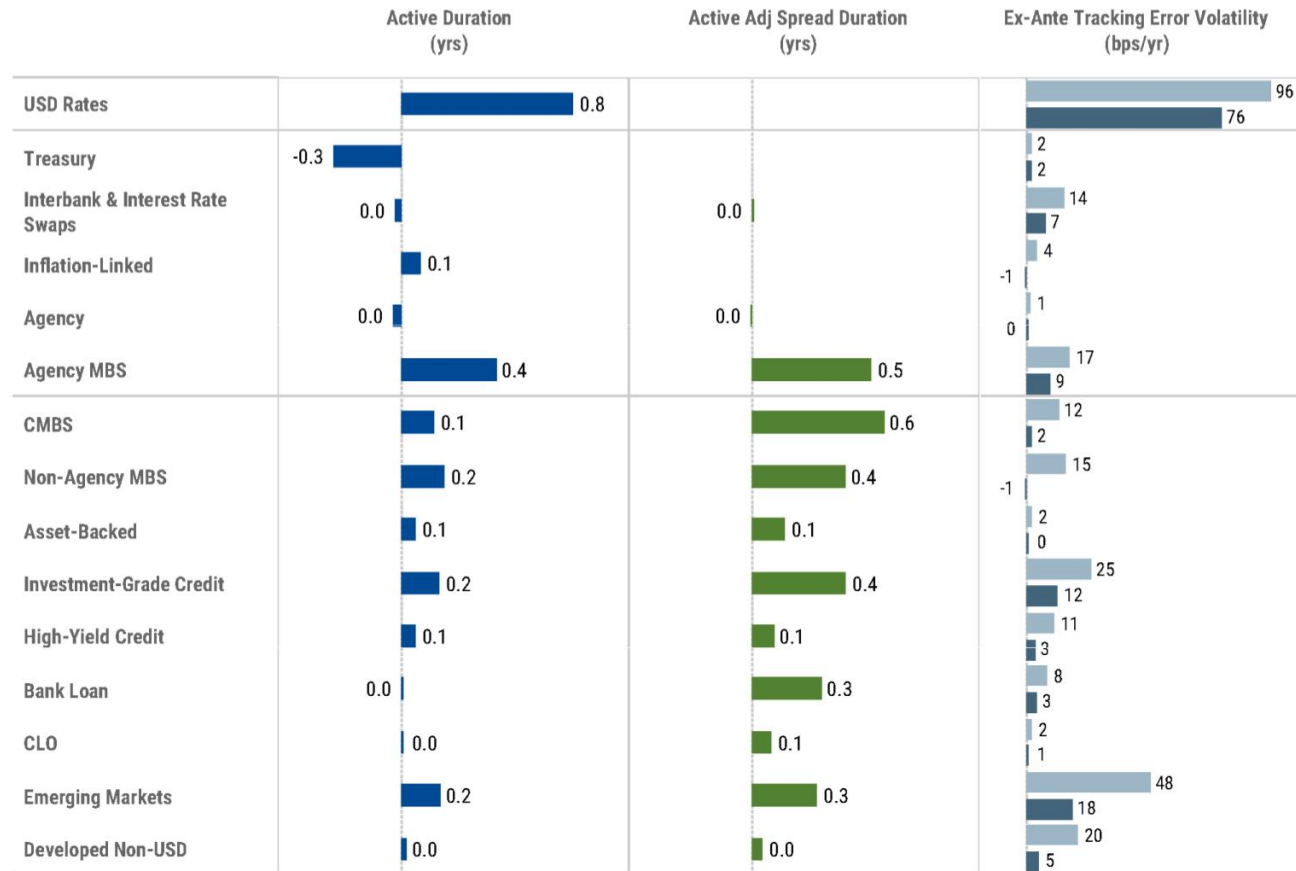
<sup>1</sup>Notional market value represents derivatives notional market value excluding interbank derivatives.

Note: Sector allocation includes look-through to any underlying commingled vehicles if held. All weightings are a percentage of total market value. A negative cash position may be reported, which is primarily due to the portfolio's unsettled trade activity. Data may not sum to total due to rounding. The benchmark does not provide an allocation to the "Emerging Markets" sector. The emerging market sector allocation shown for the benchmark above is based on Western Asset's emerging market countries definition for comparison purposes.

# Portfolio Positioning

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio vs. Bloomberg US Aggregate USD Unhedged Index

September 30, 2023



Benchmark: **BGG US Agg** Total Ex-Ante Tracking Error Volatility: **135** bps/yr  
 \*Spread duration adjusted to US Credit index (112 bps spread)

Utesd  
 Ctesd

Source: Western Asset

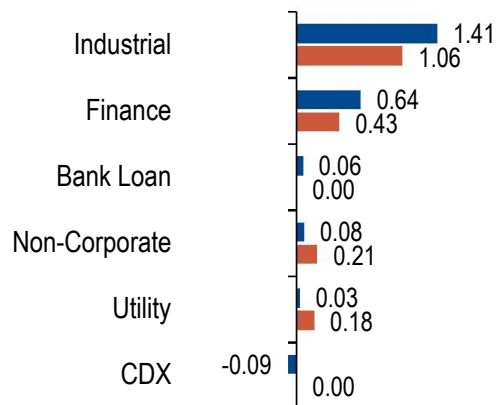
Note: Sector exposure and tracking error include look-through to any underlying commingled vehicles if held. For active duration exposures and tracking error contribution, "USD Rates" includes rates risk from all USD securities in the portfolio, including emerging market hard currency bonds. The sum of the active duration overweights may not total the overall portfolio's duration overweight. "Emerging Markets" and "Developed Non-USD" include risks from non-USD rates, FX, and spread. All other buckets include only spread risk (excluding rates and FX).

# Credit Sector Exposure

## Ventura County Employees' Retirement Association Core Fixed Income Portfolio vs. Bloomberg US Aggregate USD Unhedged Index

September 30, 2023

**Spread Duration Contribution (yrs)**

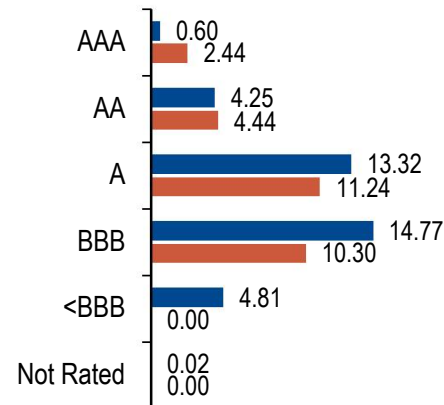


■ Portfolio ■ Benchmark

**Credit Spread Duration**

Portfolio: 2.13  
Benchmark: 1.88

**Quality Exposure (%)<sup>1</sup>**



■ Portfolio ■ Benchmark

**37.76 % of Portfolio**

**Bloomberg U.S. Credit Index Excess Returns**

	2022	2023*
Finance	-1.76%	1.76%
Utility	-0.92%	2.00%
Industrial	-1.01%	2.76%
Non-Corporate	-0.28%	1.53%

\*As of 30 Sep 23

	2022	2023*
AAA	-0.20%	0.75%
AA	-0.48%	2.07%
A	-1.04%	1.92%
BBB	-1.41%	2.84%
<BBB**	-3.71%	5.16%

\*As of 30 Sep 23; \*\*Bloomberg U.S. High-Yield Index

Source: Western Asset

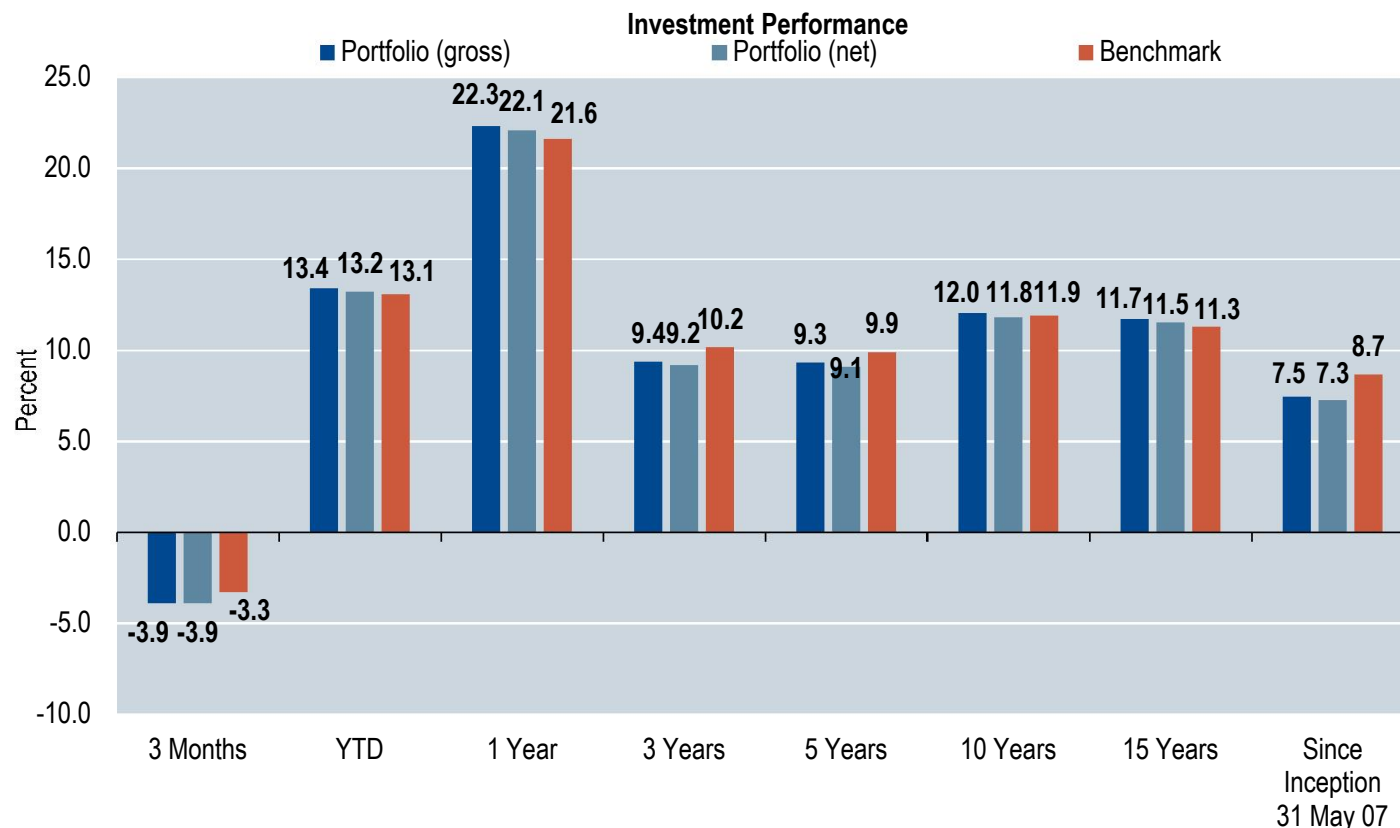
Note: Sector exposure includes look-through to any underlying commingled vehicles if held. Data may not sum to total due to rounding. Includes investment-grade, high-yield, bank loans, emerging market governments and emerging market corporates.

<sup>1</sup>All weightings are a percentage of total market value.

# Investment Results

## Ventura County Employees' Retirement Association vs. S&P 500 Total Return Index USD Unhedged Index

September 30, 2023



### Manager Calendar Year Performance (net of fees)

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Investment Product	-21.41	28.79	17.92	33.53	-5.30	23.23	13.44	1.16	14.30	32.92	20.74	1.00	24.73
Benchmark	-18.11	28.71	18.40	31.49	-4.38	21.83	11.96	1.38	13.69	32.39	16.00	2.11	15.06
<b>Difference</b>	<b>-3.30</b>	<b>0.09</b>	<b>-0.47</b>	<b>2.04</b>	<b>-0.91</b>	<b>1.40</b>	<b>1.48</b>	<b>-0.22</b>	<b>0.61</b>	<b>0.53</b>	<b>4.73</b>	<b>-1.11</b>	<b>9.67</b>

Source: Western Asset. Returns for periods greater than one year are annualized. Returns since inception are as of the indicated close of business day.

Note: Information ratio is defined as excess returns versus the benchmark, divided by the standard deviation of excess returns.

Tracking error is the annualized standard deviation of the differences between portfolio returns and benchmark returns.

## Attribution Analysis

### Ventura County Employees' Retirement Association vs. S&P 500 Total Return Index USD Unhedged Index

September 30, 2023

Performance Attribution (net of fees)	3 Months	Year to Date
Ventura County ERA Index Plus	-392	1323
S&P 500 Total Return Index USD Unhedged Index	-327	1307
<b>Excess Return</b>	<b>-65</b>	<b>16</b>
Duration	-136	-444
Yield Curve	64	378
TIPS	1	2
IG Credit	2	24
High Yield	0	11
Agency MBS	-19	-24
NARMBS	13	27
CMBS	8	24
ABS	22	57
Non USD	1	2
EMD	2	12
Other	-6	-20
Equity Overlay Cost	-15	-33

Source: Western Asset

Western Asset believes that attribution is not a hard science, but rather a means of evaluating strategies to determine their relative impact on overall portfolio performance.

The intent of the manager, therefore, is critical in the evaluation of different strategies, and the return attribution for any sector or strategy could be over or understated due to its inclusion in another component.

Note: Attribution is calculated using prices sourced from independent pricing vendors or brokers in accordance with Western Asset's approved pricing hierarchy. Therefore, performance presented here may differ from performance calculated by official sources for benchmarks as well as for funds that use a third-party administrator.

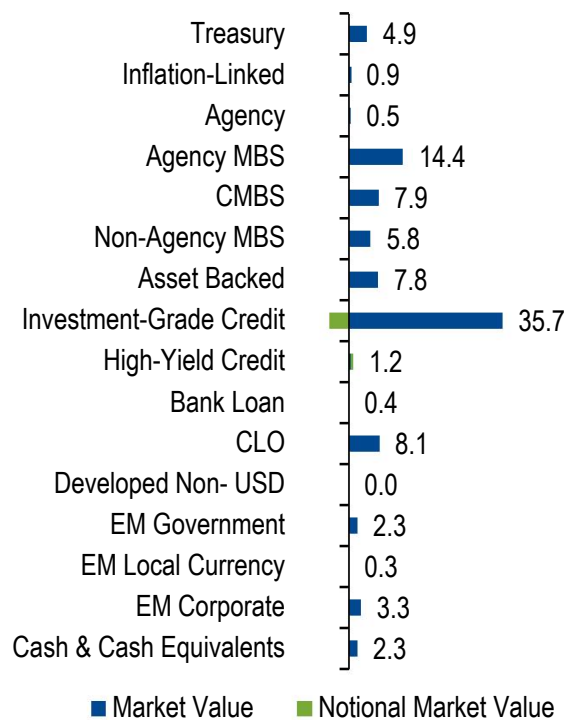
Data may not sum to total due to rounding.

# Sector Exposure

## Ventura County Employees' Retirement Association

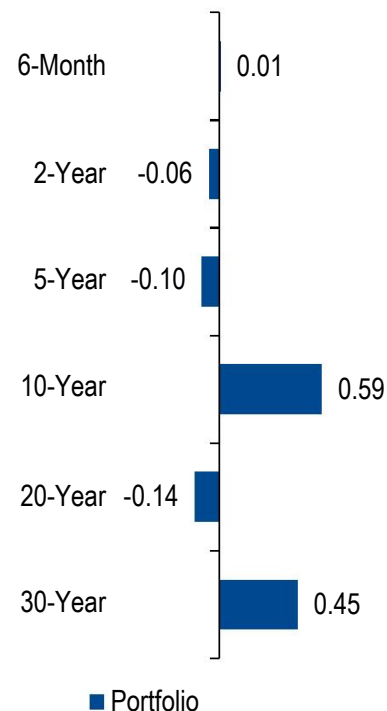
September 30, 2023

**Market Value (%) + Notional Market Value (%)<sup>1</sup>**



**Yield-to-Worst (%)**  
Portfolio: 1.38

**Key Rate Duration (yrs)**



**Total Duration**  
Portfolio: 0.76

Source: Western Asset

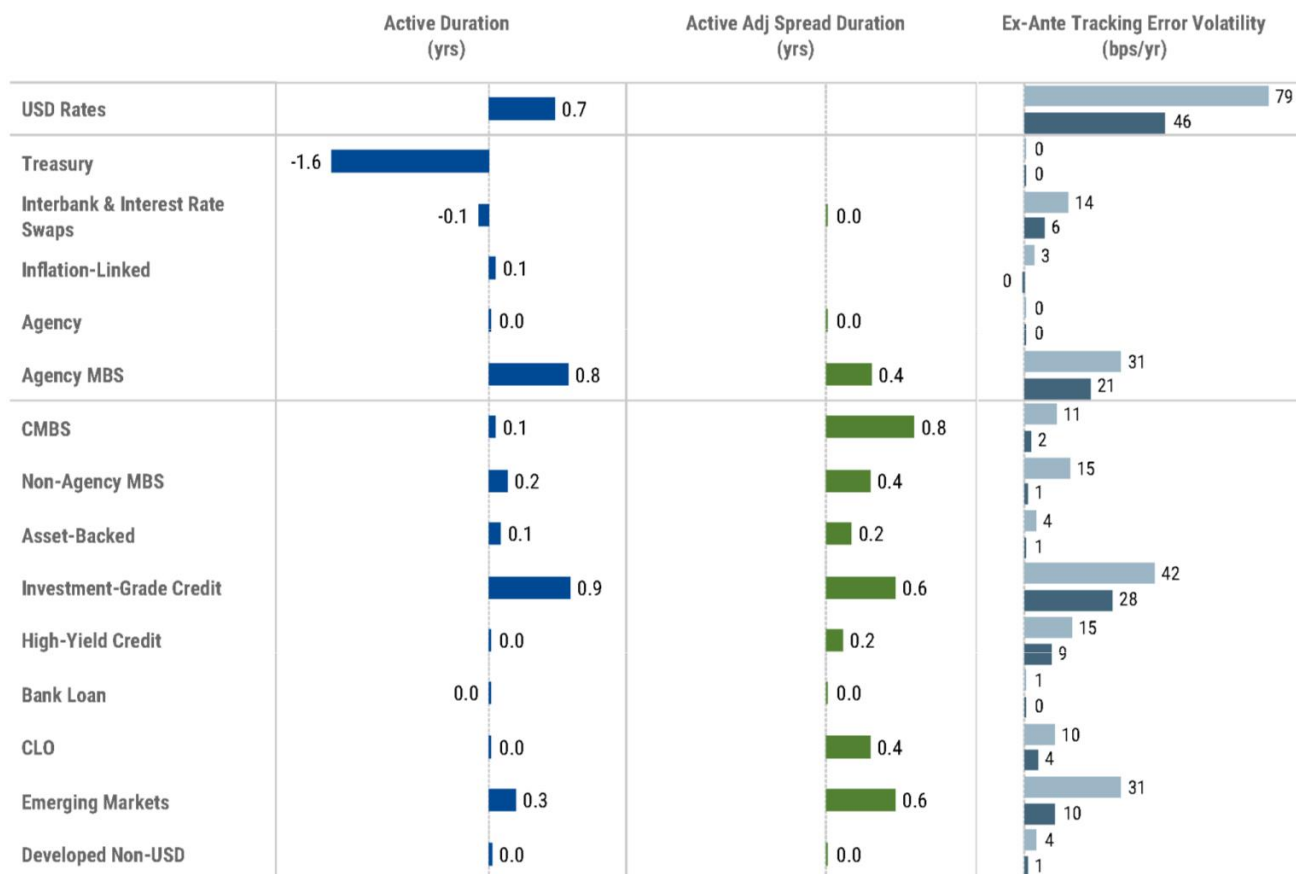
Notional market value represents derivatives notional market value excluding interbank derivatives.

Note: Sector allocation includes look-through to any underlying commingled vehicles if held. All weightings are a percentage of total market value. A negative cash position may be reported, which is primarily due to the portfolio's unsettled trade activity.

# Portfolio Positioning

## Ventura County Employees' Retirement Association vs. S&P 500 Total Return Index USD Unhedged Index

September 30, 2023



Benchmark: **S&P 500** Total Ex-Ante Tracking Error Volatility: **132** bps/yr

\*Spread duration adjusted to US Credit index (112 bps spread)

Utesd  
Ctesd

Source: Western Asset

Note: Sector exposure and tracking error contribution include look-through to any underlying commingled vehicles if held. For active duration exposures and tracking error contribution, "USD Rates" includes rates risk from all USD securities in the portfolio, including emerging market hard currency bonds. The sum of the active duration overweights may not total the overall portfolio's duration overweight. "Emerging Markets" and "Developed Non-USD" include risks from non-USD rates, FX, and spread. All other buckets include only spread risk (excluding rates and FX).

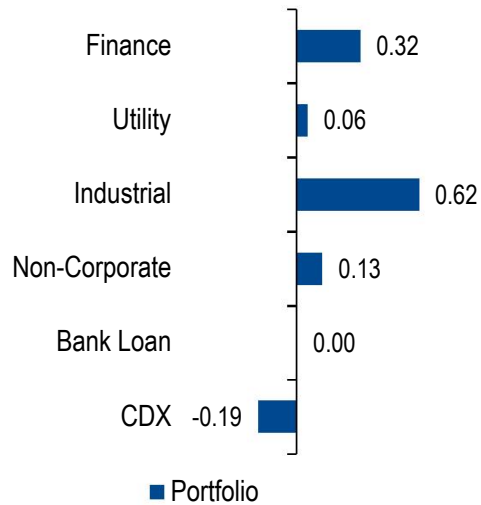


# Credit Sector Exposure

Ventura County Employees' Retirement Association

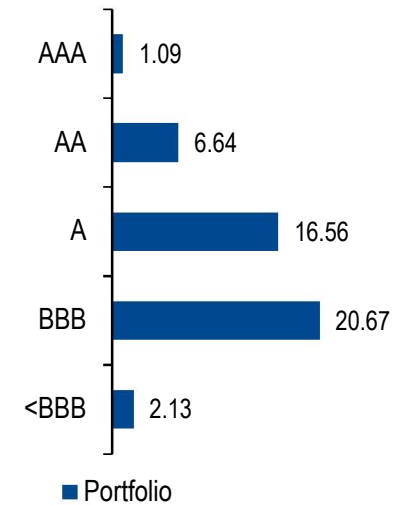
September 30, 2023

**Spread Duration Contribution (yrs)**



**Credit Spread Duration**  
Portfolio: 0.95

**Quality Exposure (%)<sup>1</sup>**



**47.08% of Portfolio**

Source: Western Asset

Note: Sector exposure includes look-through to any underlying commingled vehicles if held. Data may not sum to total due to rounding. Includes investment-grade, high-yield, bank loans, emerging market governments and emerging market corporates.

<sup>1</sup>All weightings are a percentage of total market value.

## Investment Outlook

# 2023 Outlook

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**Disinflation ongoing but uneven**

**Fed tightening near end**

**Economy has remained resilient in part due to renewed fiscal stimulus**

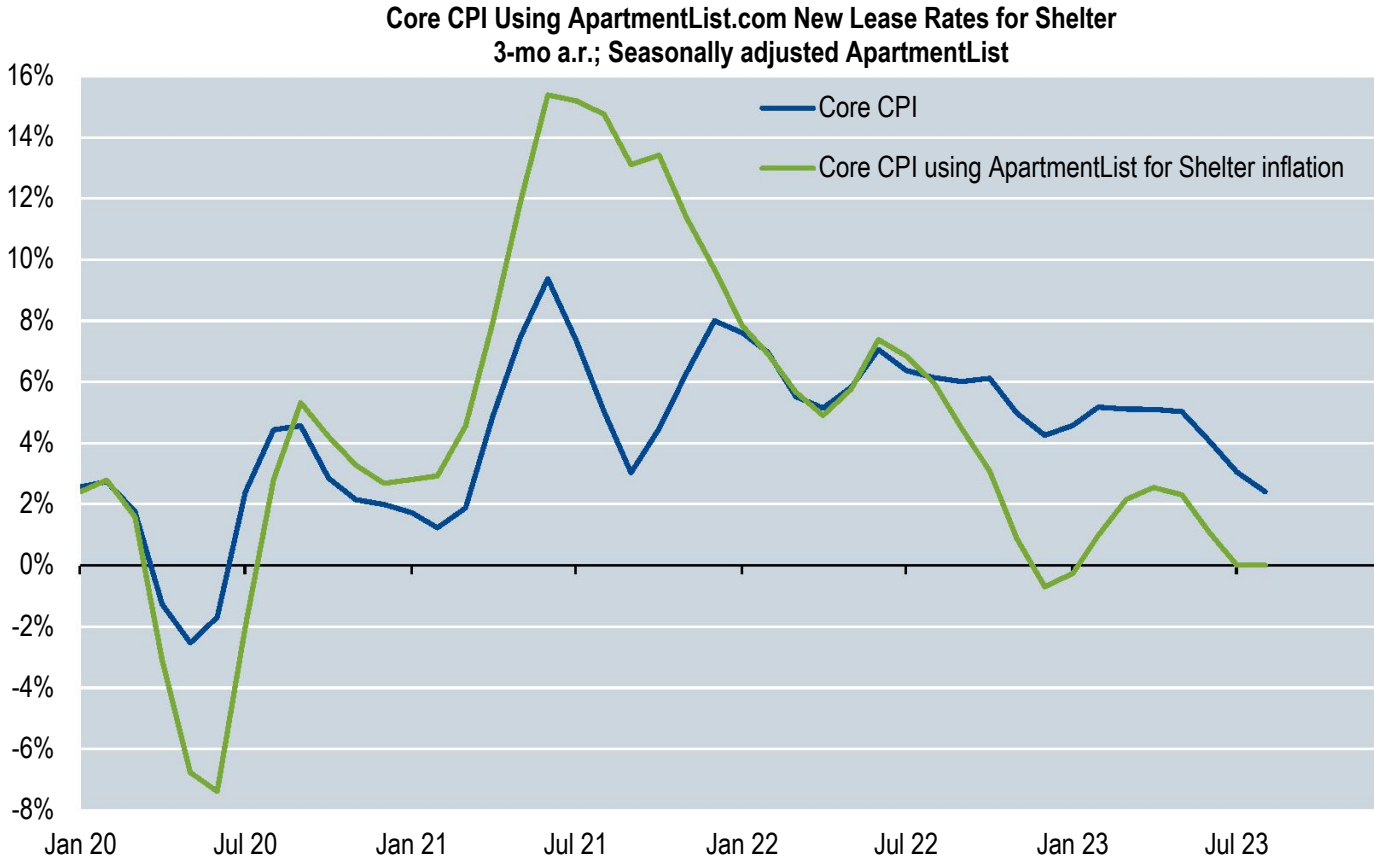
**Current banking stress extremely complex but not systemic**

## **Fixed-income outlook**

- US growth will slow but should avoid recession
- Global growth has downshifted and China is now a source of deflation
- Global inflation will continue to recede
- The dollar will weaken moderately
- Emerging markets—particularly in Latin America—should outperform
- Central bank overtightening is a meaningful risk
- Spread sectors are still attractive but the outlook is clouded by macro risk
- Geopolitical uncertainty continues to add to volatility

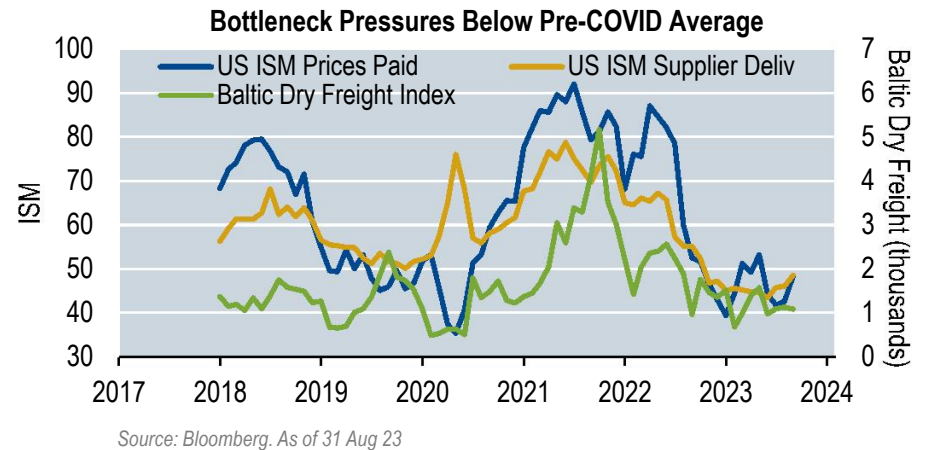
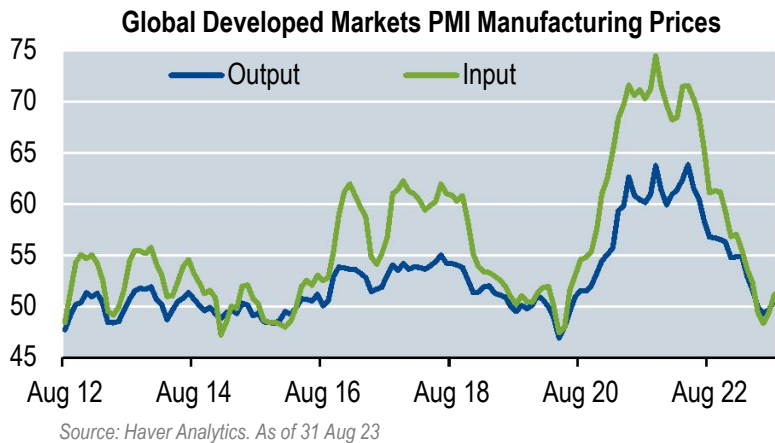
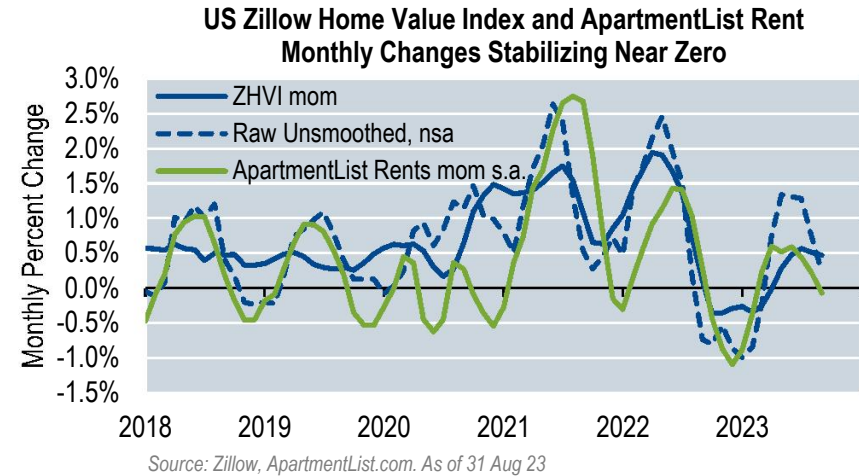
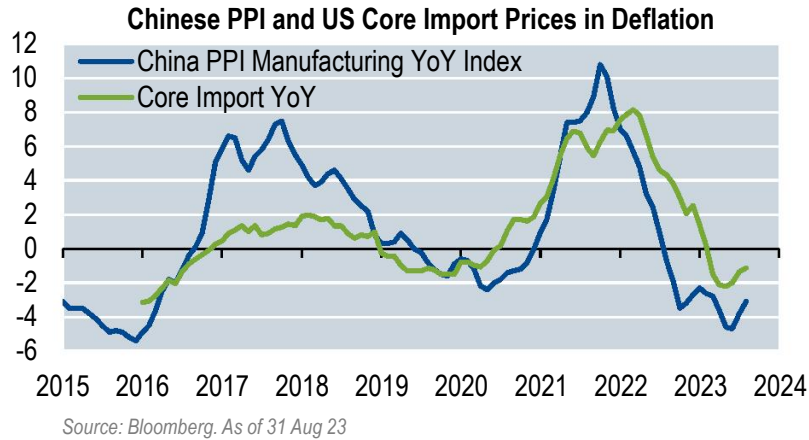
*The above reflects current opinions of Western Asset and are subject to change with market conditions. As of 25 Aug 23*

# Core Inflation Moving Toward Fed Target



Source: BLS, ApartmentList.com, Western Asset calculations. As of 31 Aug 23

# Global Inflation Is Broadly Declining



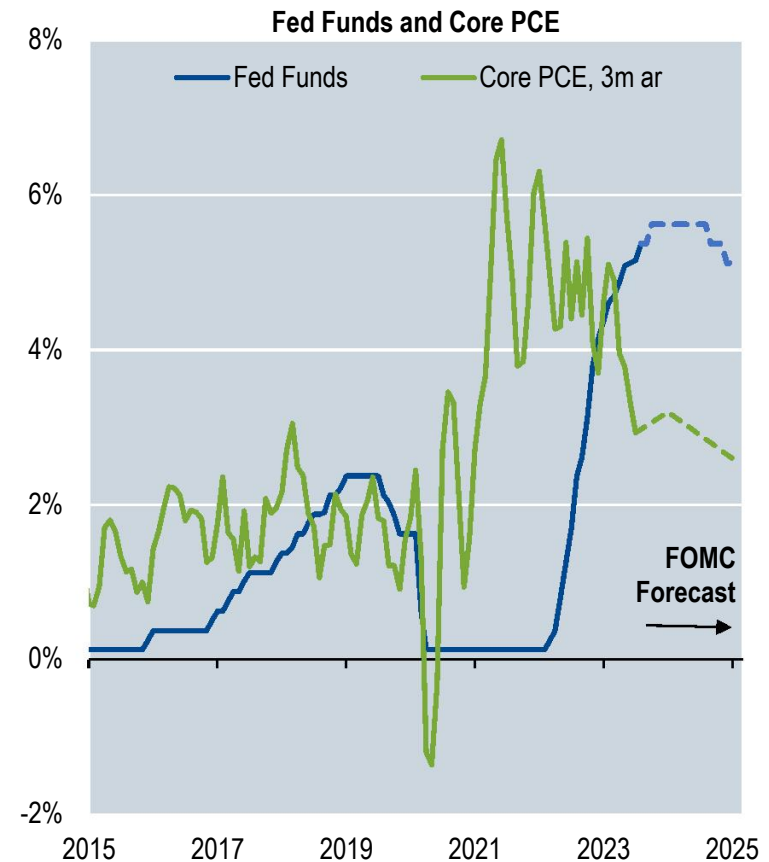
# FOMC Expects Restrictive Policy for an Extended Period

Projections are “Highly Uncertain”

“We see the current stance of monetary policy as restrictive, putting downward pressure on economic activity, hiring, and inflation.”

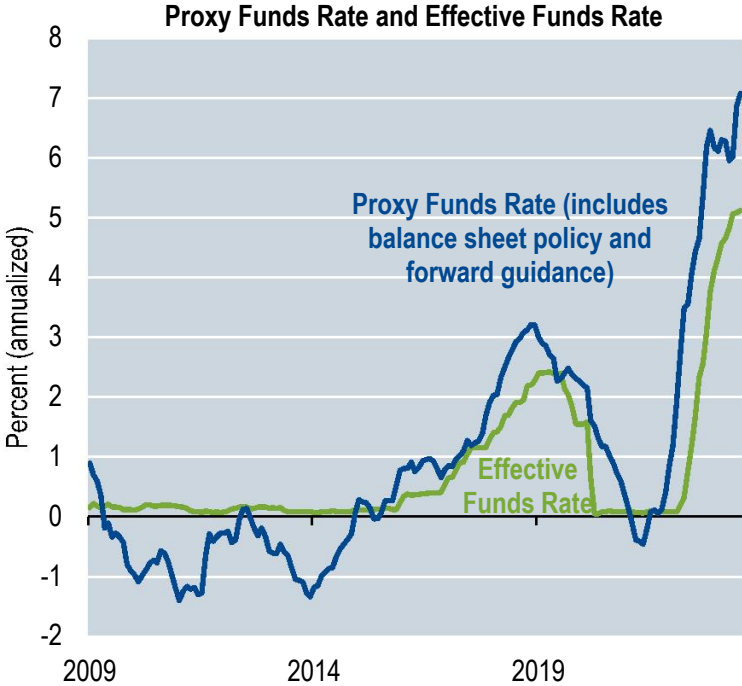
“These projections, of course, are not a Committee decision or plan...No one will look back at this and say, hey, we made a plan. It's not like that at all. **These are estimates made a year in advance that are highly uncertain, and that's how it is**”

– Chair Powell, Sep 20, 2023

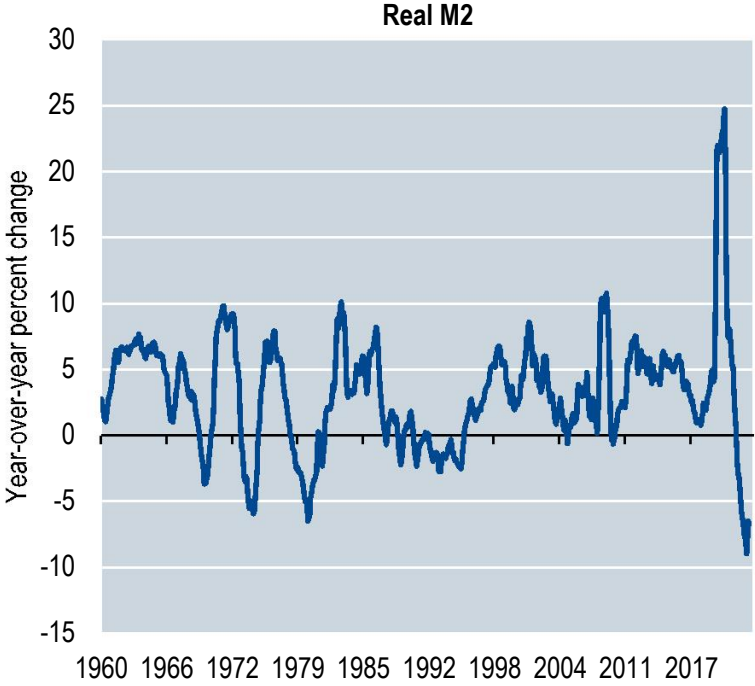


Source: Federal Reserve, U.S. Bureau of Economic Analysis, Haver Analytics.  
As of 31 Aug 23

# Monetary Policy Is Already Tighter Than It Looks



Source: Federal Reserve, Freddie Mac, The Bond Buyer, Moody's, Choi et al. (2022). As of 31 Jul 23  
 Proxy Funds Rates uses public and private borrowing rates and spreads to infer the broader stance of monetary policy. When the Federal Open Market Committee uses additional tools, such as forward guidance or changes in the balance sheet, these policy actions affect financial conditions, which the proxy rate translates into an analogous level of the federal funds rate.

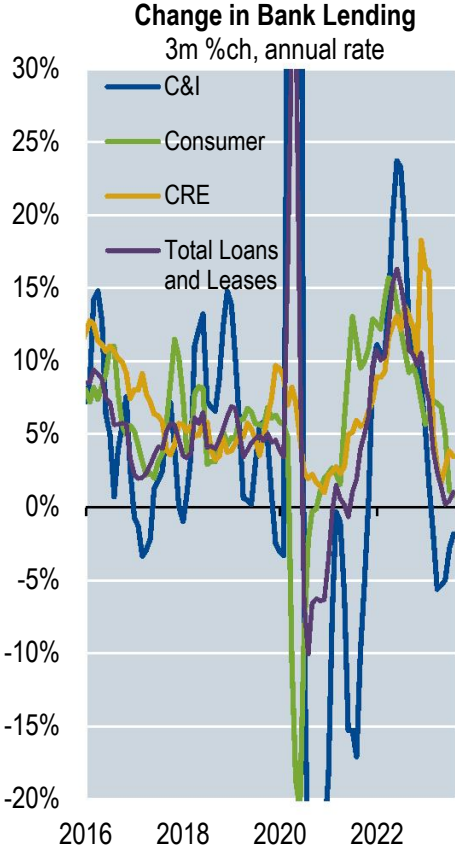
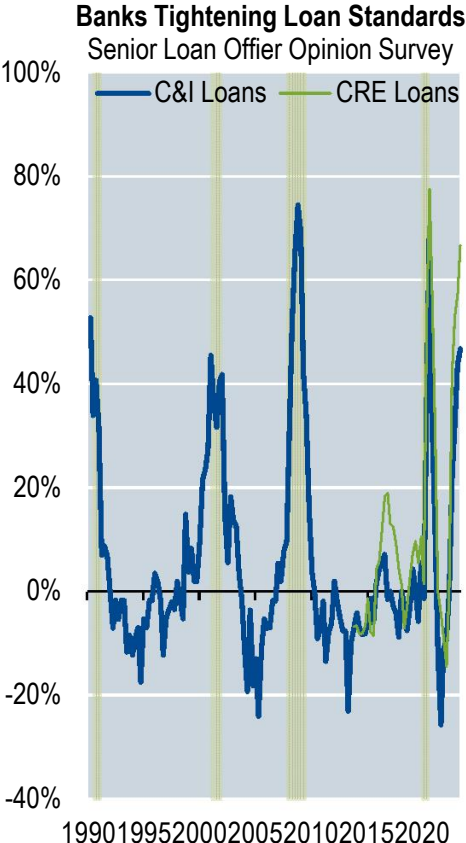
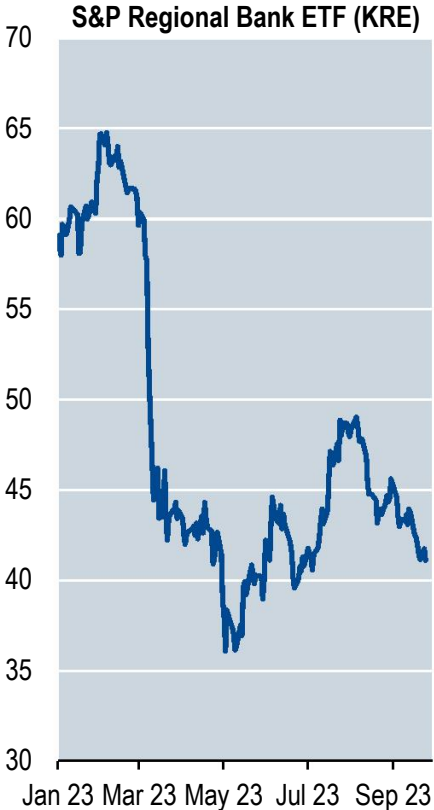


Source: Federal Reserve. As of 31 Jul 23

# Financial Conditions

“Beyond changes in interest rates, bank lending standards have tightened, and loan growth has slowed sharply.”

– Chair Powell, Aug 23, 2023

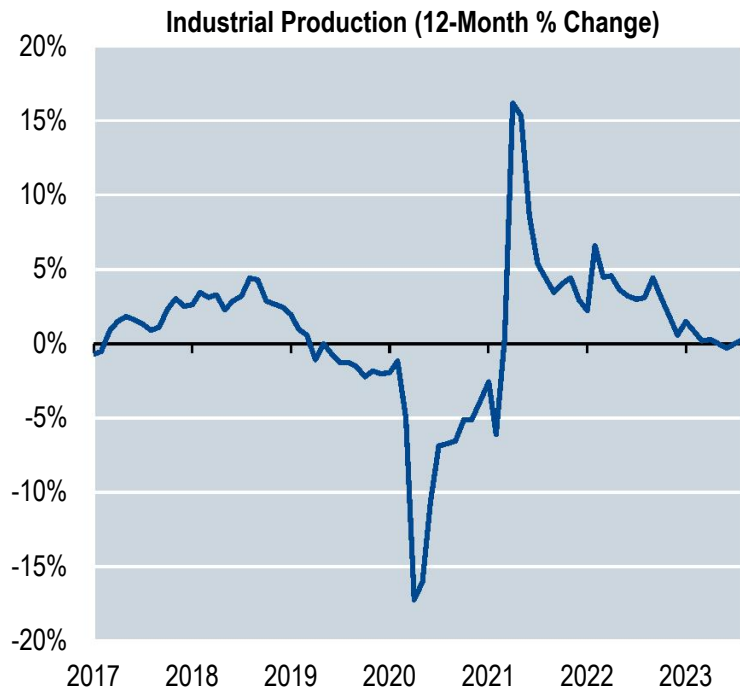


Source: Bloomberg, Federal Reserve, Haver Analytics. As of 25 Aug 23

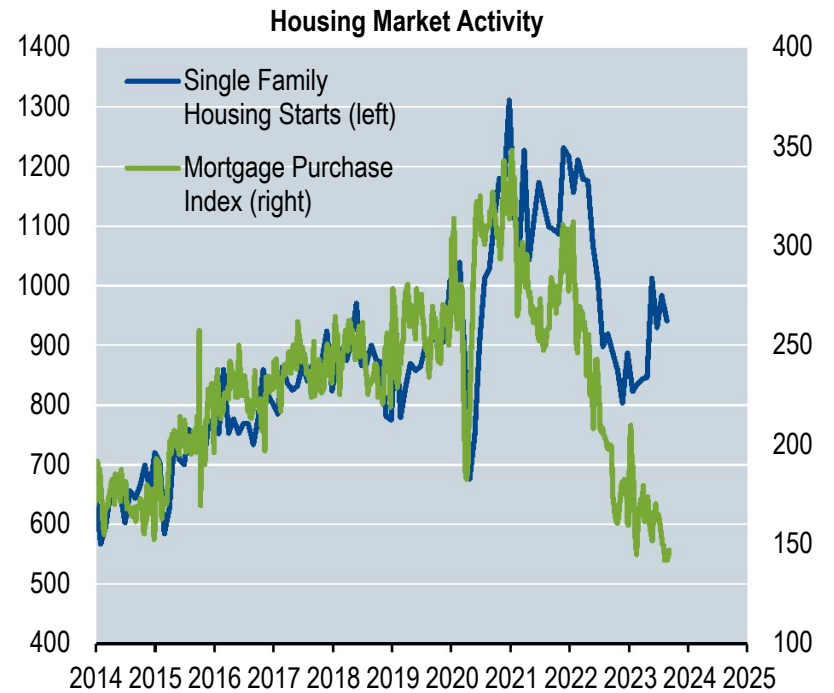




# Higher Rates Are Slowing Activity

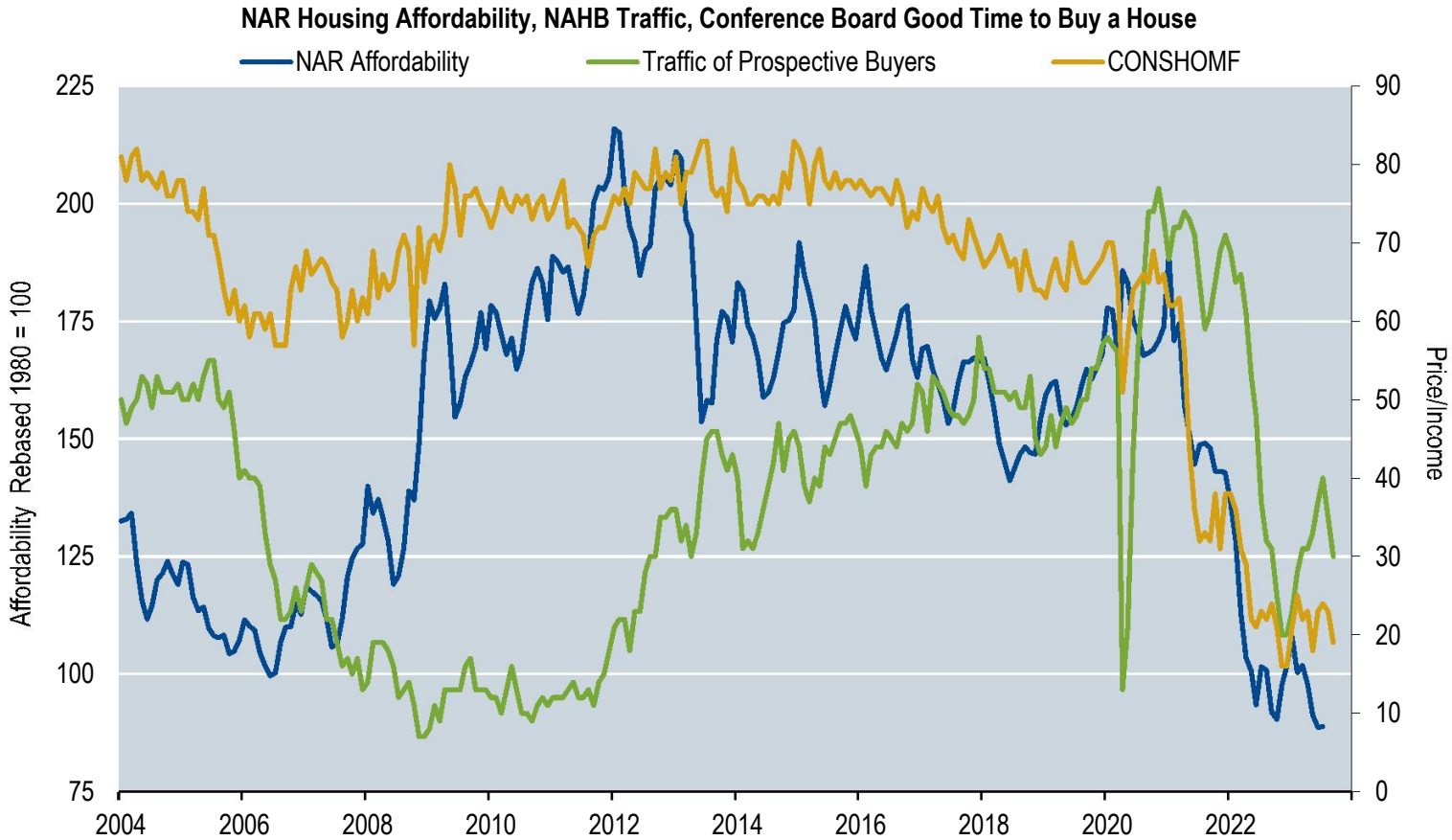


Source: Federal Reserve. Haver Analytics. As of 31 Aug 23



Source: Census, Mortgage Bankers Association of America, Haver Analytics. As of 31 Aug 23

# Home-Buying Traffic, Affordability and Confidence All Down



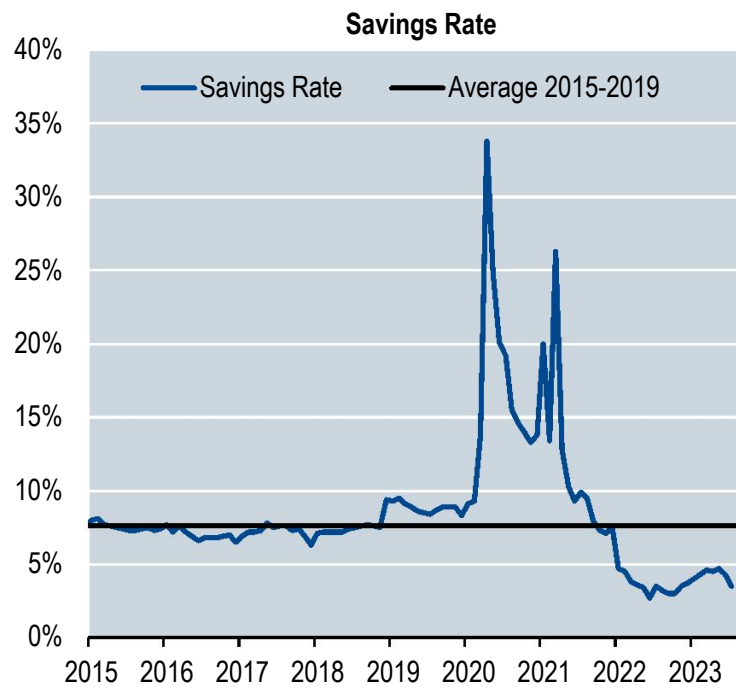
Source: National Association of Realtors, National Association of Home Builders, Conference Board Good Time to Buy a House. As of 15 Sep 23

# Consumption Likely to Slow

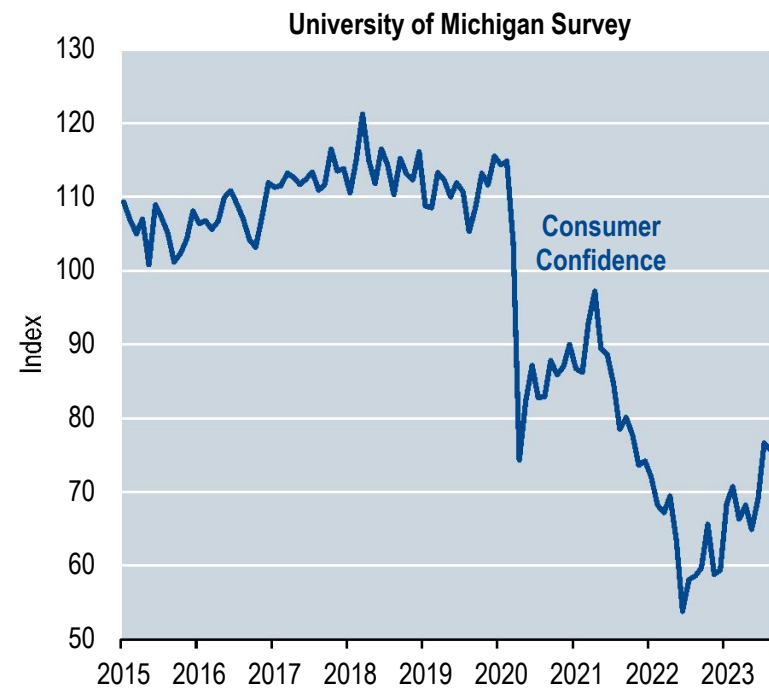
Recent consumption sustained by depleting savings

Consumer confidence remains low

Student loan reinstatement an additional headwind

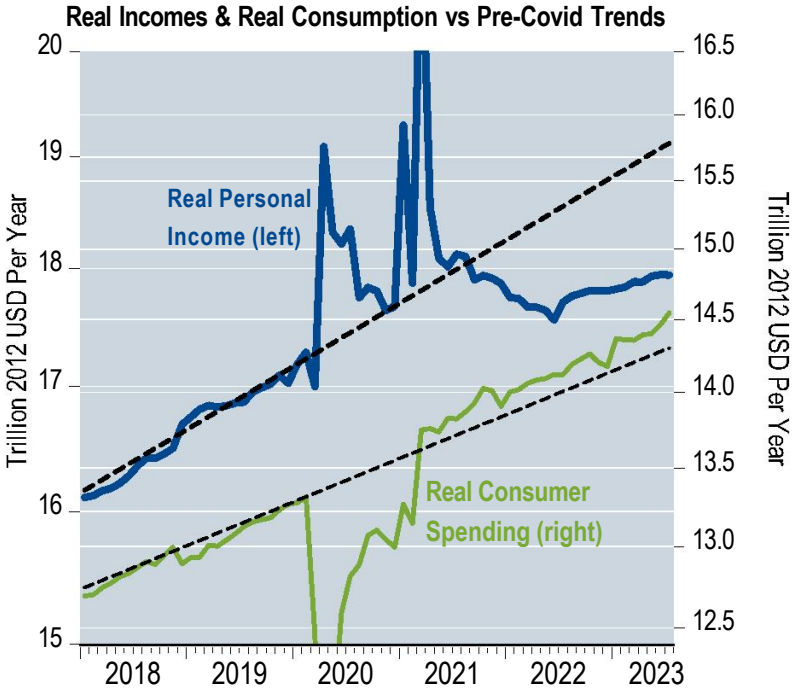


Source: U.S. Bureau of Economic Analysis, Haver Analytics. As of 31 Aug 23

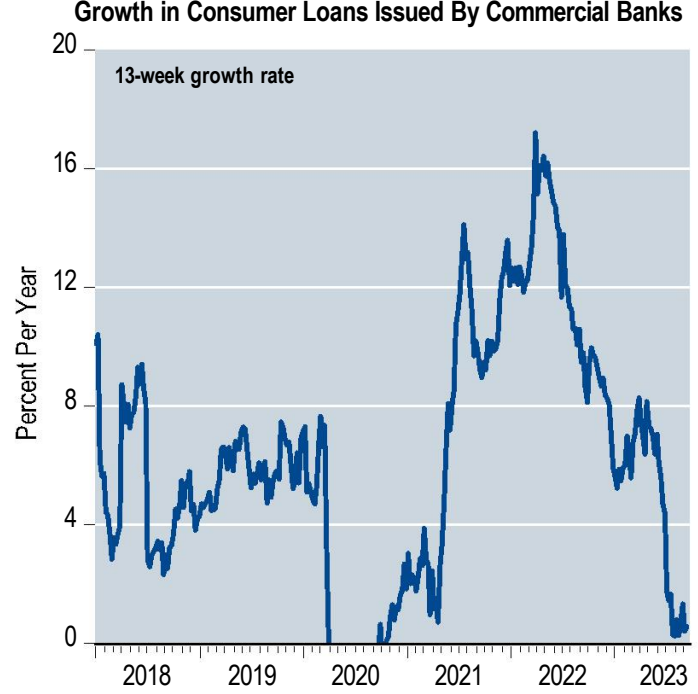


Source: University of Michigan, Haver Analytics. As of 31 Aug 23

# Consumers Are Stretched and Starting to Pull Back



Source: Bureau of Economic Analysis. As of 31 Jul 23

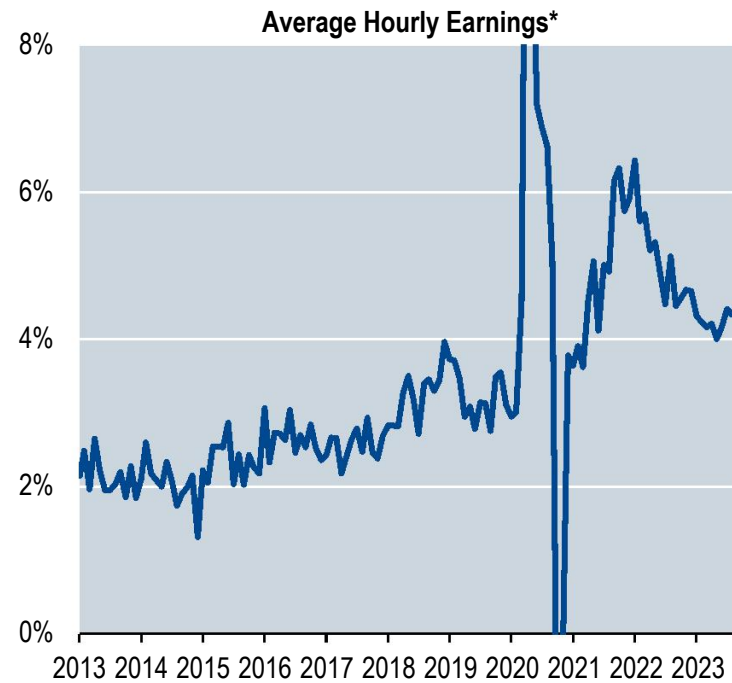


Source: Federal Reserve Board. As of 13 Sep 23

# Wage Growth Moderating



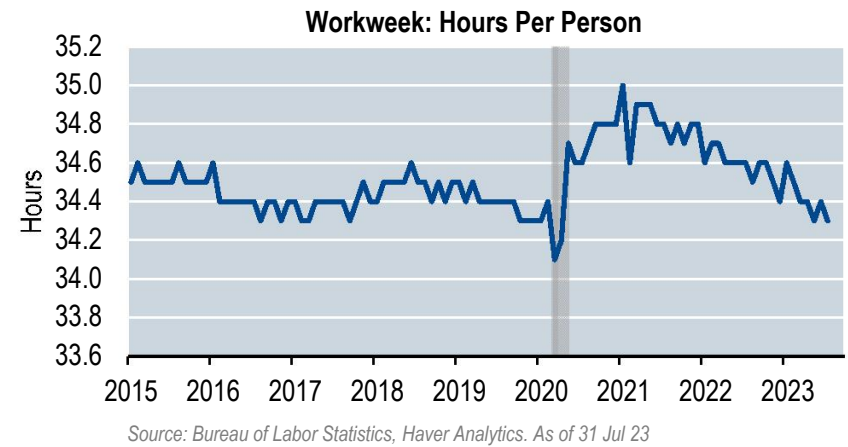
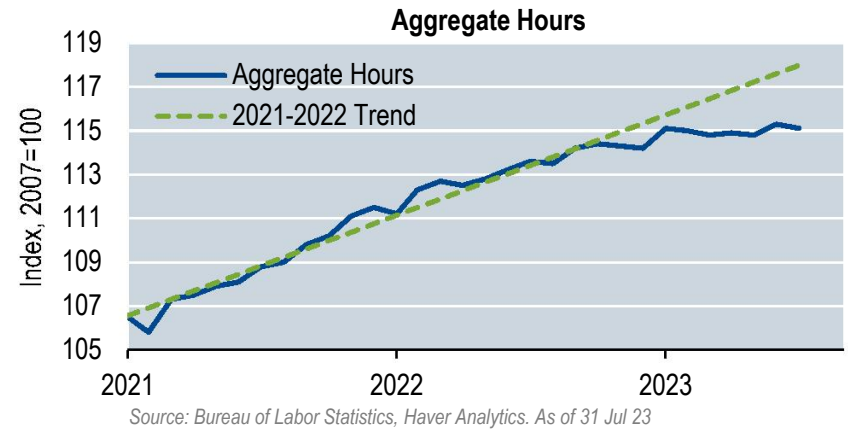
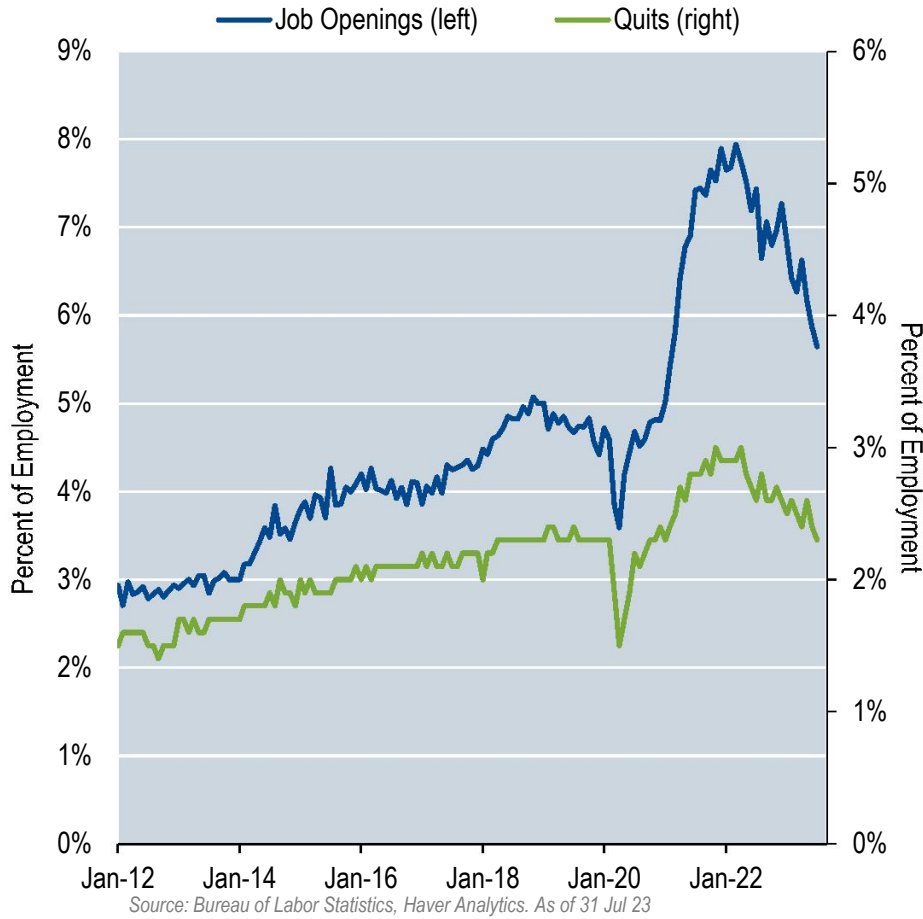
Source: Hiring Lab. As of 31 Aug 23



Source: Bureau of Labor Statistics. As of 31 Aug 23  
\*6-Month percent change, annual rate

# Labor Demand Moderating

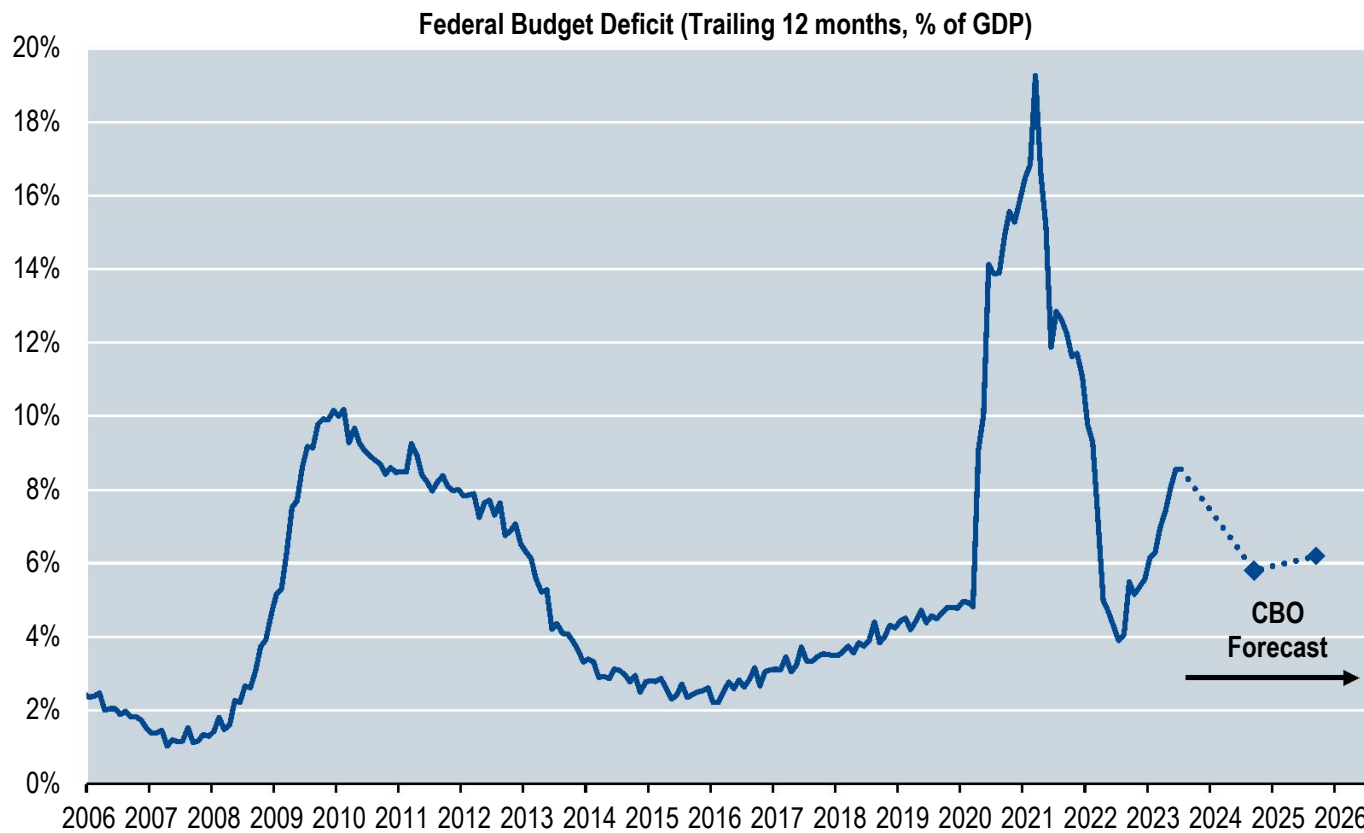
Job openings declining. Aggregate hours work normalizing.



# Fiscal Is a Concern

## 2023

- Inflation Reduction Act
- Student loan forgiveness
- Capital gains receipts



Source: S&P Global Market Intelligence, US Treasury, Haver Analytics. As of 31 Aug 23

# Long-Run Neutral Rates (R star)

“We are navigating by the stars under cloudy skies”

– Chair Powell, Aug 28, 2023

## Arguments for Lower Rates:

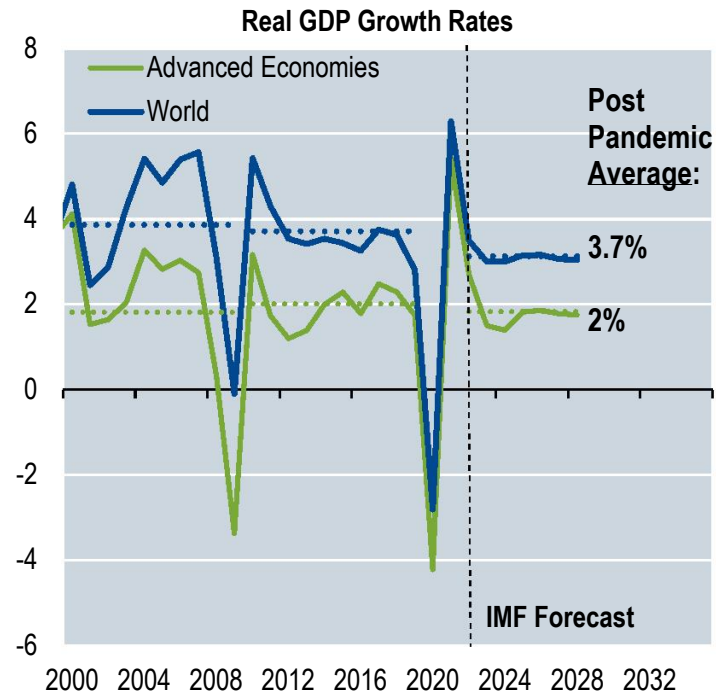
- Long-run growth to remain low
- Debt-levels are elevated
- Under-saving for retirement

## Arguments for Higher Rates:

- Carbon transition
- De-globalization
- Fiscal stance?

## Ambiguous:

- Aging and demographics
- Artificial Intelligence



Source: International Monetary Fund, Haver Analytics. As of 31 Jul 23



# Forward Rates

Long-run market rates substantially above FOMC estimates



# China: Moderating Expectations for Post-Covid Economic Rebound

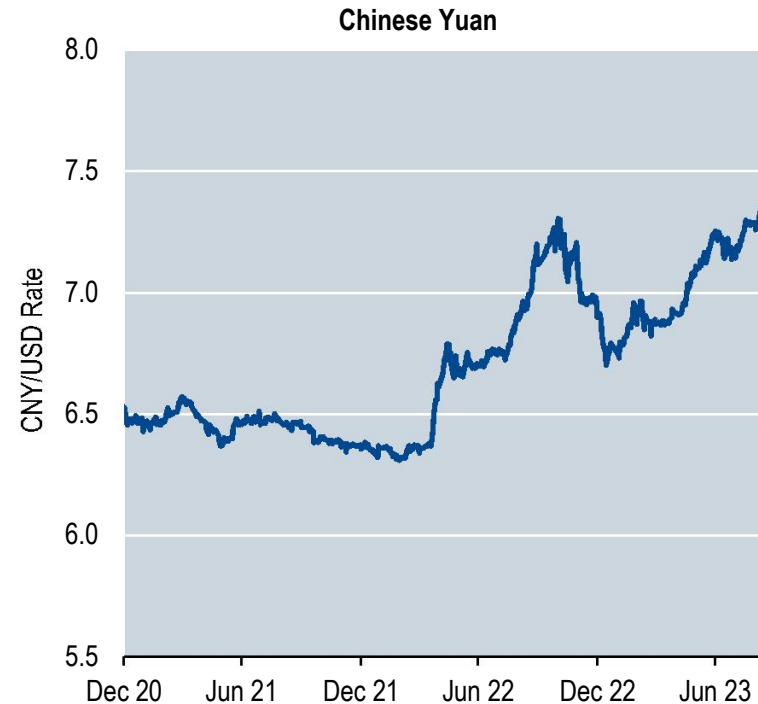
Government Focused on "Around 5%" GDP Growth Target

The post-Covid economic rebound appears to be disappointing exuberant forecasts, with external forecasters increasingly skeptical of China's 5% growth target despite ongoing policy adjustments.

In the face of continuing pressure on the property sector and the renminbi, policymakers have increased measures to stabilize financial markets, including rate cuts and FX intervention.



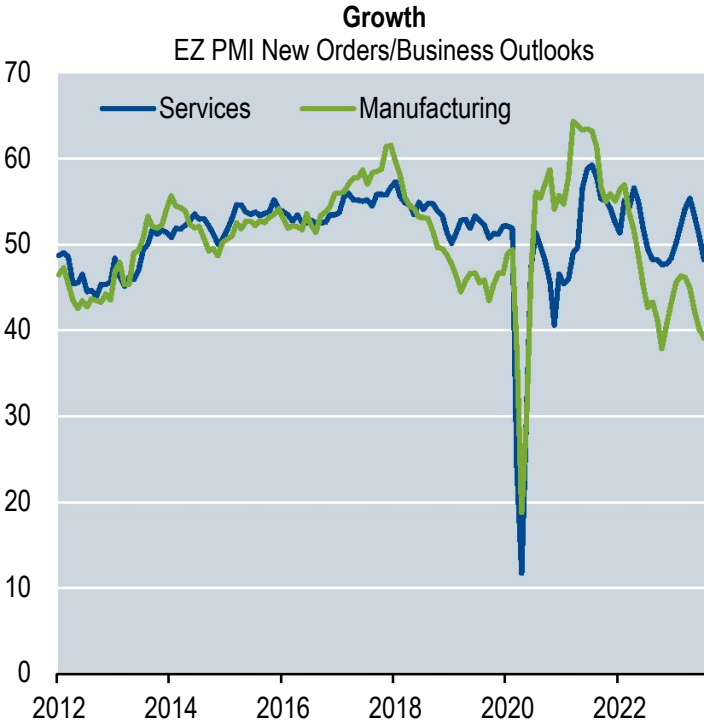
Source: Bloomberg, Citi. As of 15 Sep 23



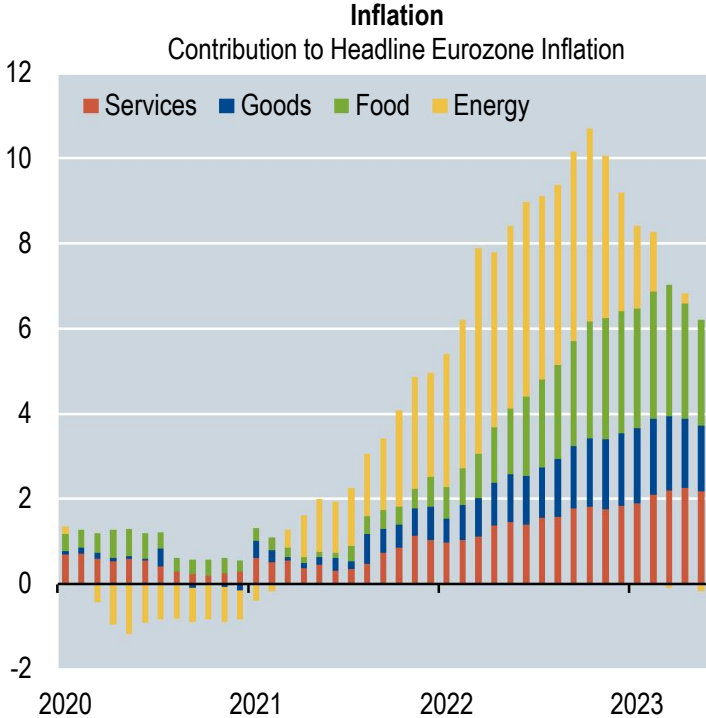
Source: Bloomberg. As of 15 Sep 23

# Europe's Growth Slowing and ECB Tightening Gaining Traction

- Manufacturing demand soft, services demand turning lower
- Inflation peaked in October 2022, core beginning to turn lower, inflation expectations moderate
- Need for further rate increase questionable



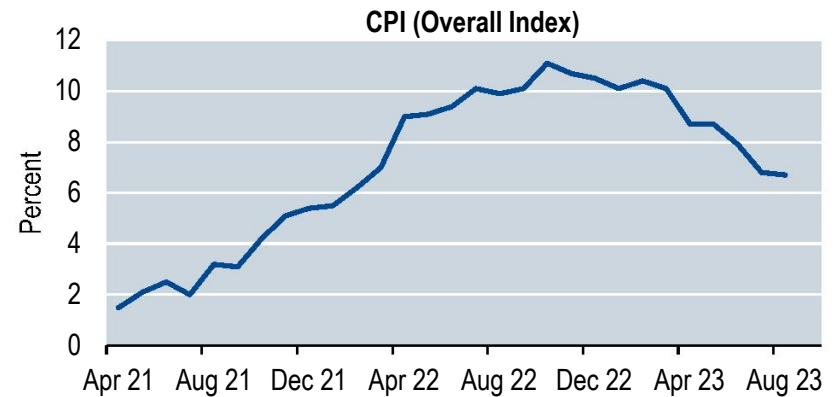
Source: S&P Global, Hamburg Commercial Bank, Haver Analytics. As of 31 Jul 23



Source: Eurostat, Haver Analytics. As of 31 May 23

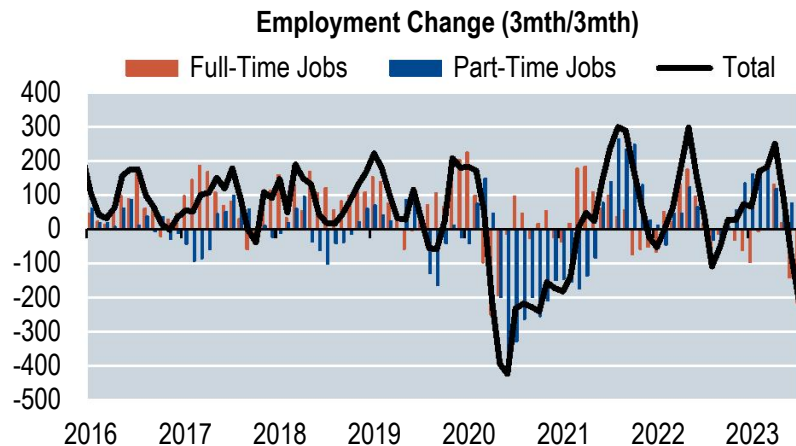
# United Kingdom: Inflation Is Falling, Belatedly

- Lower energy prices are allowing inflation to slow, which should continue
- Price inflation from food and services has begun to slow
- A large fall will be seen in October as lower regulated household energy prices become effective



## UK Labour Market Loosening

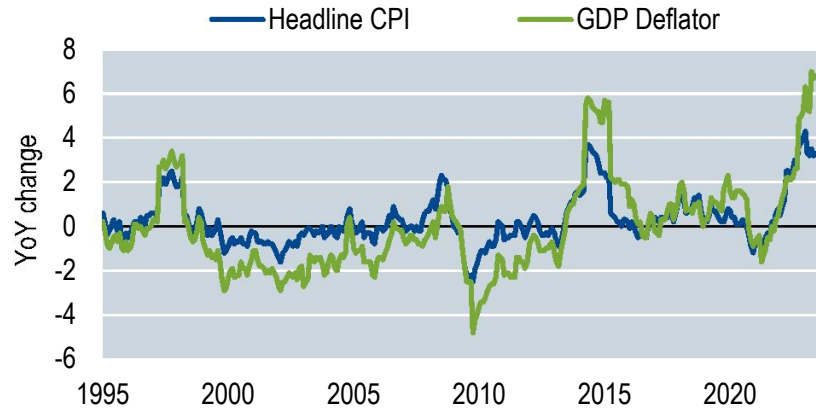
- Slack has returned rapidly with a large number of full-time job losses
- Hiring intentions have fallen sharply and the unemployment rate is now well above pre-pandemic level
- Along with lower inflation and sluggish growth, this should see wage growth pressures ease greatly



Source: Office for National Statistics. As of August 2023  
The above reflects current opinions of Western Asset and are subject to change with market conditions.

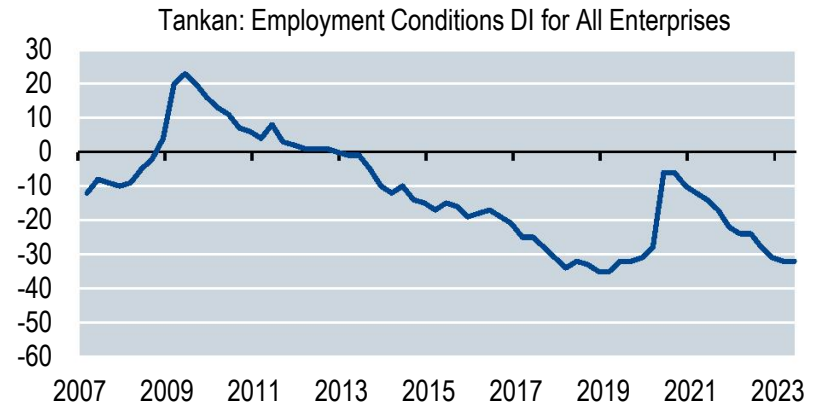
# Japan: Wage Pressure Slowly Building as Employment and Growth Outlook Brightens

Wages increased following the results of spring wage negotiation.



Source: Bloomberg. As of 31 Jul 23

Employment Conditions Survey: BoJ Tankan survey: employment conditions DI suggests a deepening labor shortage.



Source: Bloomberg, Western Asset. As of 30 Jun 23  
Employment Conditions DI: "excessive employment" minus "insufficient employment"

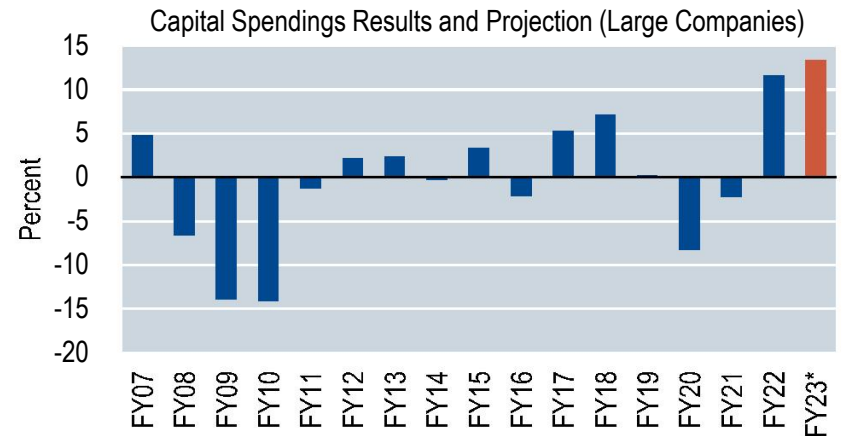
Consumer Activities

BoJ Real Consumption Activity index



Source: Bloomberg, Western Asset. As of 31 Jul 23

Capital Spending: BoJ Tankan survey: Capital spending projections are strong.



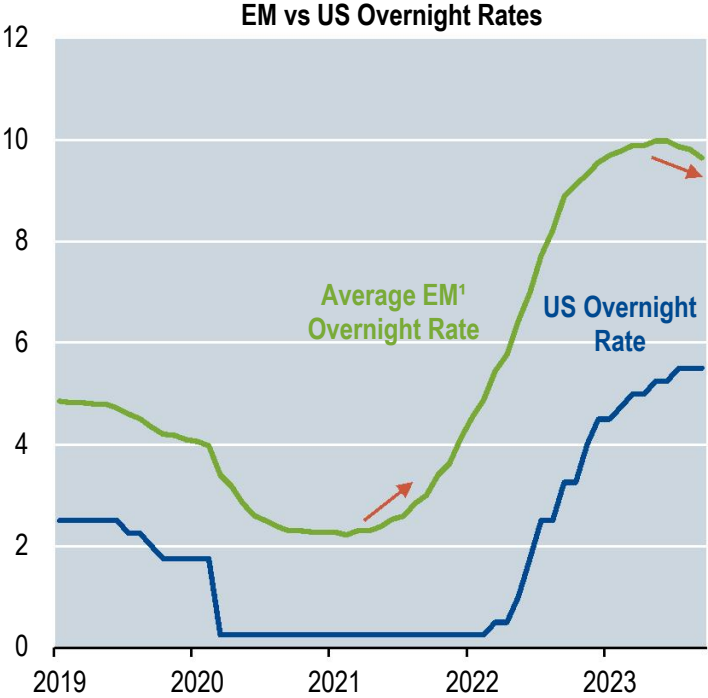
Source: Bank of Japan, Western Asset. As of 31 Mar 23  
\*FY2023 Projection

# EM Central Banks Are Ahead of the Curve

EM policymakers tightened policy aggressively, starting in early 2021 well in front of the Fed.

With both EM and DM inflation having peaked, EM central banks have already started to cut rates despite the Fed indicating no cuts in the US until late 2024.

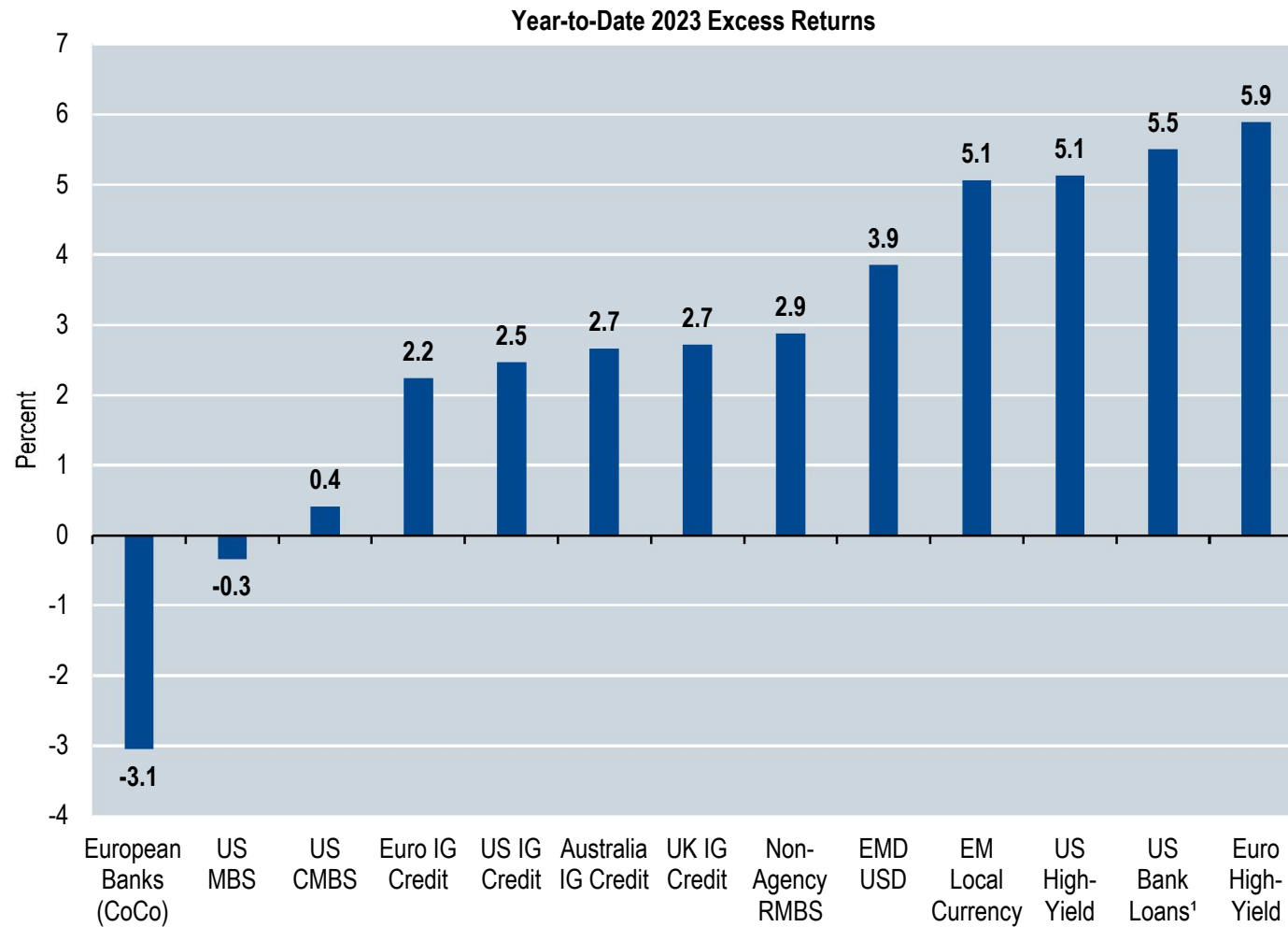
EM central banks' response to the recent inflation scenario has provided stability for EM FX and resiliency for growth



Source: Bloomberg, Western Asset. As of 15 Sep 23  
<sup>1</sup>EM = Brazil, Mexico, Colombia, Hungary, Chile, South Africa, India, Indonesia and Poland



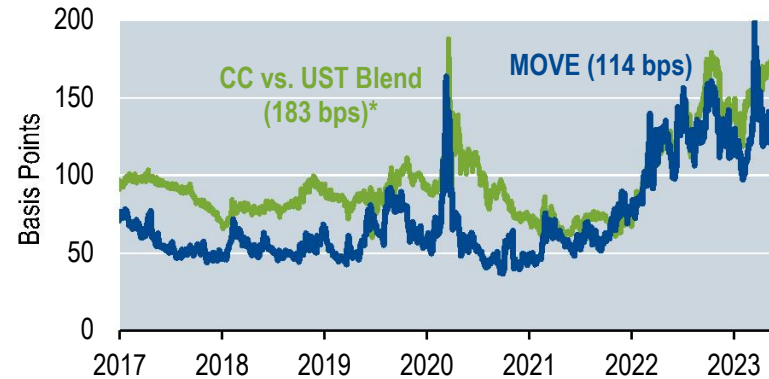
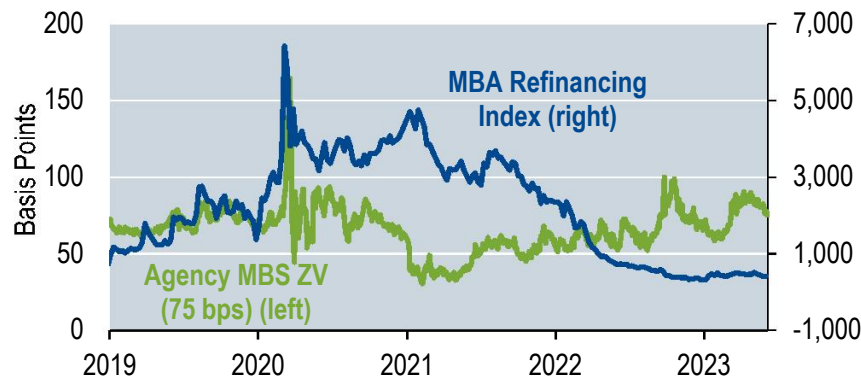
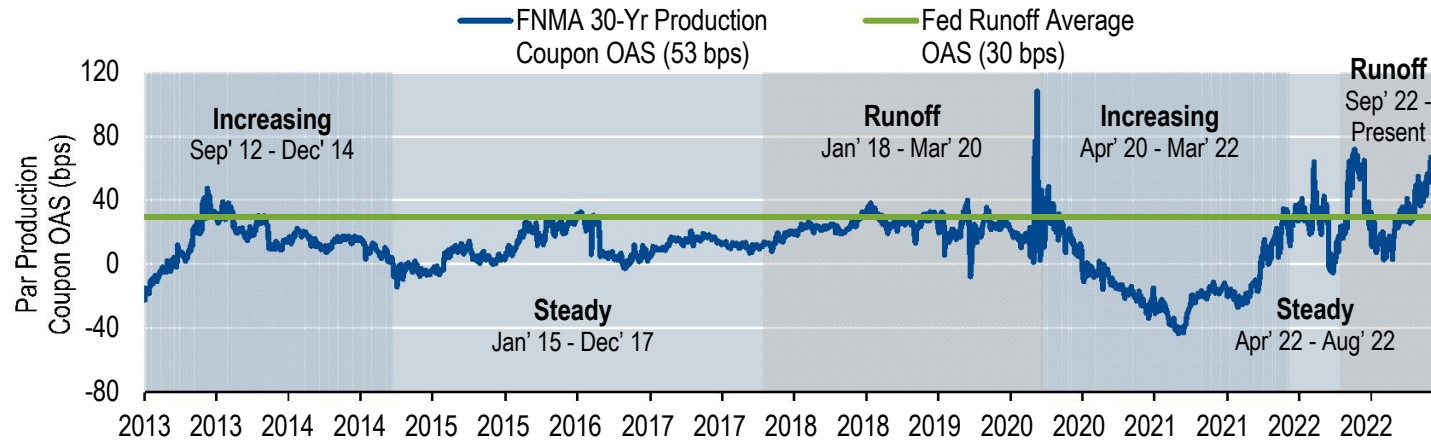
# Spread Sector Excess Returns



Source: Bloomberg, Citi, J.P. Morgan, S&P Global Market Intelligence, a division of S&P Global Inc, Western Asset. <sup>1</sup>S&P/LSTA Leveraged Loan Total Return Index excess return vs. 3-Month LIBOR. As of 26 Sep 23  
 Past performance is not a reliable indicator of future results.

# Agency Mortgage-Backed Securities: Fundamentals and Valuations Have Improved

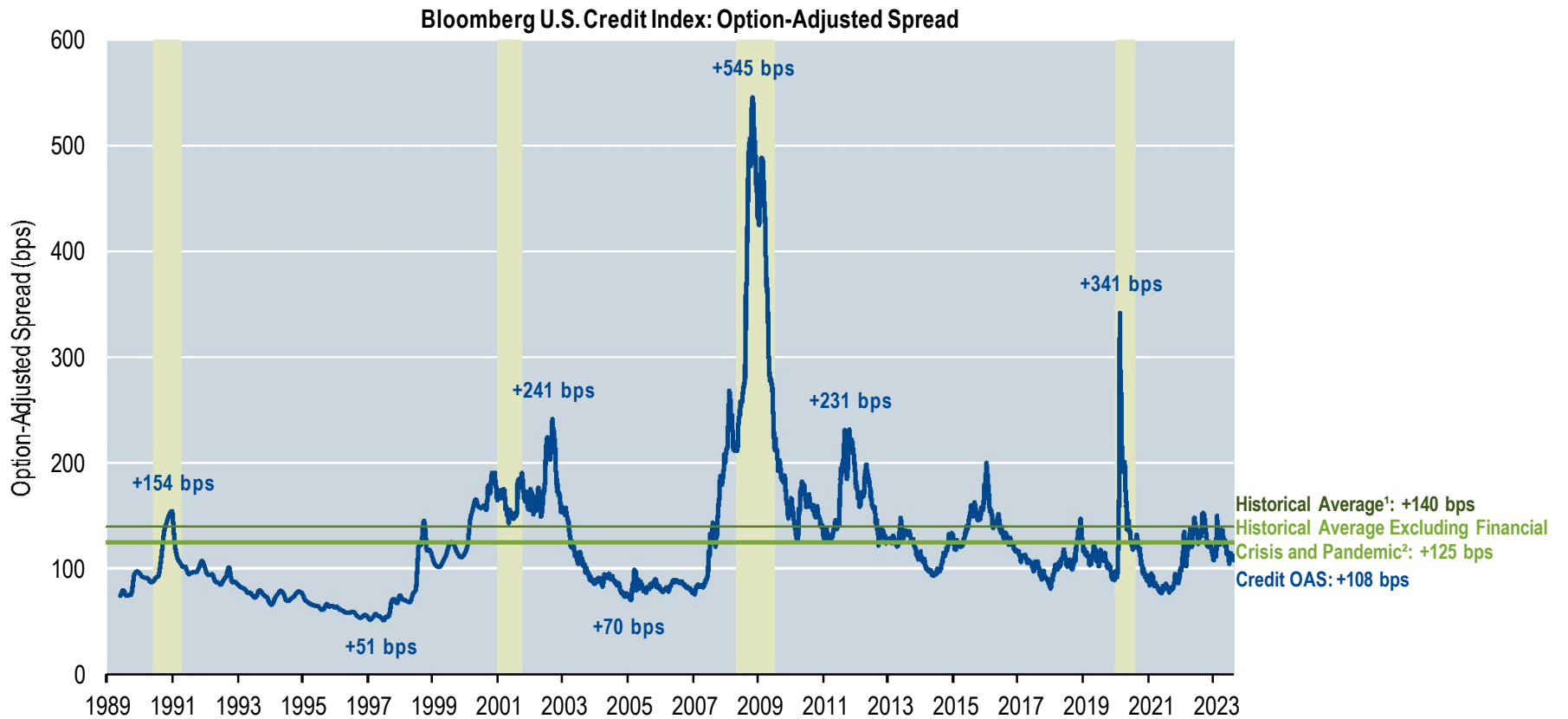
- Agency MBS spreads tied to volatility but cheap historically
- Currently above average levels when Fed balance sheet is in runoff
- Prepayment risk remains muted as mortgage borrowers have little refinancing incentive



Source: Bloomberg, MS Research, Western Asset. As of 06 Jun 23  
 \*As of 30 May 23



# Valuation: US Credit “Fair” at +108 OAS



Source: Bloomberg. As of 22 Sep 23  
 Periods of recession highlighted in yellow

# The Two Tiers of the US Banking System

We prefer large US banks over regionals

	Regulatory Scrutiny	Balance Sheet Strength	Deposit Mix	Interest Rate Risk	Current Market Confidence
Large US Banks	High	Very High	Diversified, Low Risk	Low	High
Regional US Banks	Moderate	Moderate	Narrow, Medium Risk	Medium	Low

## Expectations:

- Large banks will get stronger while weaker regionals will consolidate
- Regulation (and issuance) will increase for regional banks
- Regional bank ratings will come under pressure

Source: Western Asset. As of 31 May 23

## Energy Companies: 2022 About Deleveraging, 2023 Capital Discipline, Upgrades and Mergers

Issuer	2022 Debt (\$mm)	2022 Change in Index Debt (\$mm)	Upgraded in 2023/ Positive Outlook
<b>IG Energy Index Change in Debt Outstanding 2022</b>		<b>-42,408</b>	
BP PLC	25,539	-5,000	Positive Outlook
Chevron Corp	14,687	-4,700	
Exxon Mobil Corp	29,500	-4,000	
Valero Energy Corp	7,598	-2,602	
TotalEnergies SE	11,850	-2,000	
Conoco Inc	12,860	-1,768	
Sabine Pass Liquefaction LLC	10,350	-1,468	Upgraded
Enterprise Products Operating LLC	25,975	-1,250	Upgraded 2x
Halliburton Company	7,600	-1,200	
Plains All American Pipeline LP	7,033	-1,100	Positive Outlook
Phillips 66	11,741	-1,032	
Canadian Natural Resources	7,250	-1,000	
Shell PLC	30,750	-1,000	
ONEOK	11,885	-925	Upgraded
Kinder Morgan Inc	24,168	-725	
TC Energy Corp	14,625	-625	
Williams Cos Inc	21,058	900	
Enbridge Inc	15,150	900	
MPLX LP	19,057	1,011	
<b>IG Bond Index Change in Debt Outstanding 2022</b>		<b>321,300</b>	

Source: J.P. Morgan, Bloomberg Finance L.P., Western Asset. As of 31 Aug 23

### BB Energy Issuers and Change in Index Debt Outstanding 2022

Issuer	2022 Debt (\$mm)	2022 Change in Index Debt (\$mm)	Upgraded in 2023/ Positive Outlook
Occidental Petroleum	19,937	-8126	Upgraded
Apache	5,037	-1310	Upgraded
Petrofac Ltd	600	-600	Positive Outlook
Antero Resources	1,120	-979	Positive Outlook
Southwestern Energy	4,161	-573	Positive Outlook
Western Midstream Operating	6,256	-502	Upgraded
TechnipFMC plc	203	-430	
MEG Energy Corp.	1,971	-225	Upgraded
DCP Midstream Operating	4,275	-350	Upgraded
Murphy Oil Corp	2,044	-442	Upgraded

Source: J.P. Morgan, Western Asset. As of 31 Aug 23

The information provided is not a recommendation to purchase, sell, or hold any particular security and should not be construed as an endorsement of or affiliation with Franklin Templeton or Western Asset.

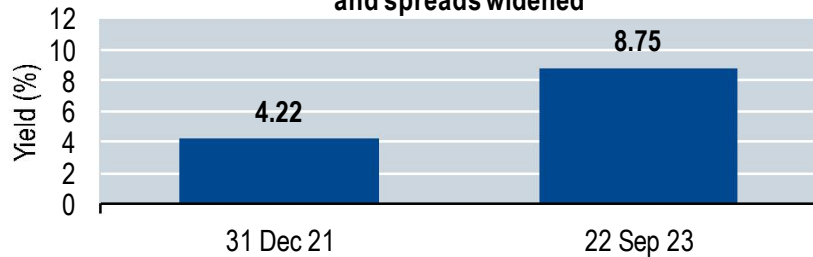
### Mergers in 2023

Acquiring Company	Target	Size (\$bn)	Date Announced
Phillips 66	DCP	3.8	Jan 2023
Targa Resources	Grand Prix	1.1	Jan 2023
Energy Transfer	Lotus Midstream	1.5	Mar 2023
Ovintiv	Multiple Targets	4.3	Apr 2023
Chevron	PDC Energy	7.9	May 2023
Conoco	Total-Surmont	3.0	May 2023
ONEOK	Magellan	18.9	May 2023
Patterson-UTI	NexTier	2.1	Jun 2023

Source: Bloomberg. As of 15 Jun 23

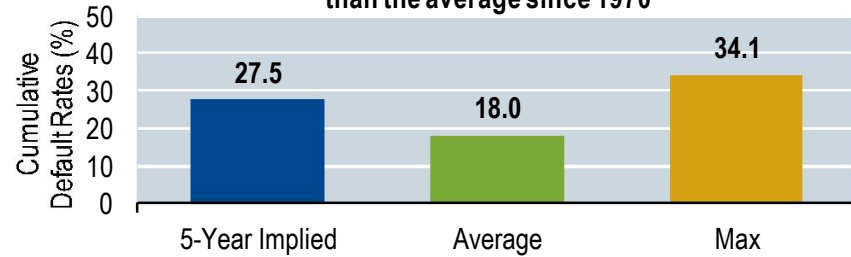
# High-Yield Credit: Valuations Are Compelling

**Yields rose by more than 4% since 2021 as rates rose and spreads widened**



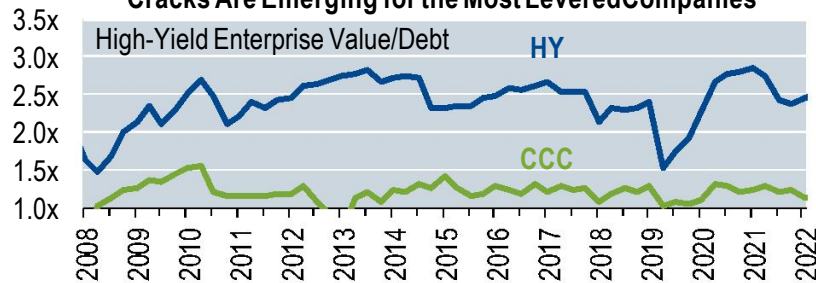
Bloomberg US High-Yield 2% Issuer Cap Index  
Source: Bloomberg. As of 22 Sep 23

**Spreads now imply much higher defaults than the average since 1970**



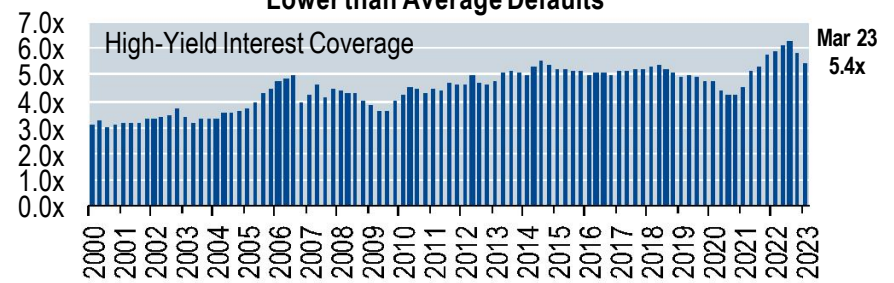
Source: Bloomberg, Moody's, Western Asset. As of 22 Sep 23  
40% recovery assumption was used and spread used to imply cumulative defaults over 5 years.  
Worst cumulative 5-year default period since 1970 was 1992

**Cracks Are Emerging for the Most Levered Companies**



The sample is confined to public reporters for which we are able to retrieve four consecutive quarters of data from Bloomberg or S&P Capital IQ. New constituents are integrated quarterly based on additions to the Bloomberg US Corporate HY Bond Index).  
Source: Morgan Stanley Research, Bloomberg, S&P Capital IQ. As of 31 Mar 23

**Ability to Service Debt Also Supportive of Lower than Average Defaults**



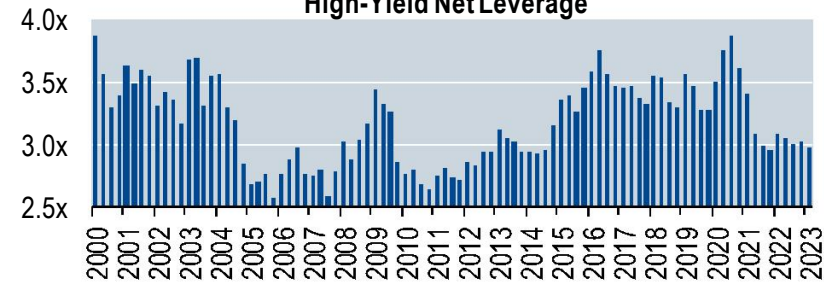
The sample is confined to public reporters for which we are able to retrieve four consecutive quarters of data from Bloomberg or S&P Capital IQ. New constituents are integrated quarterly based on additions to the Bloomberg US Corporate HY Bond Index).  
Source: Morgan Stanley Research, Bloomberg, S&P Capital IQ. As of 31 Mar 23

**Maturity Wall for High-Yield Bonds and Loans**



Source: Bloomberg, Morningstar. As of 31 Aug 23

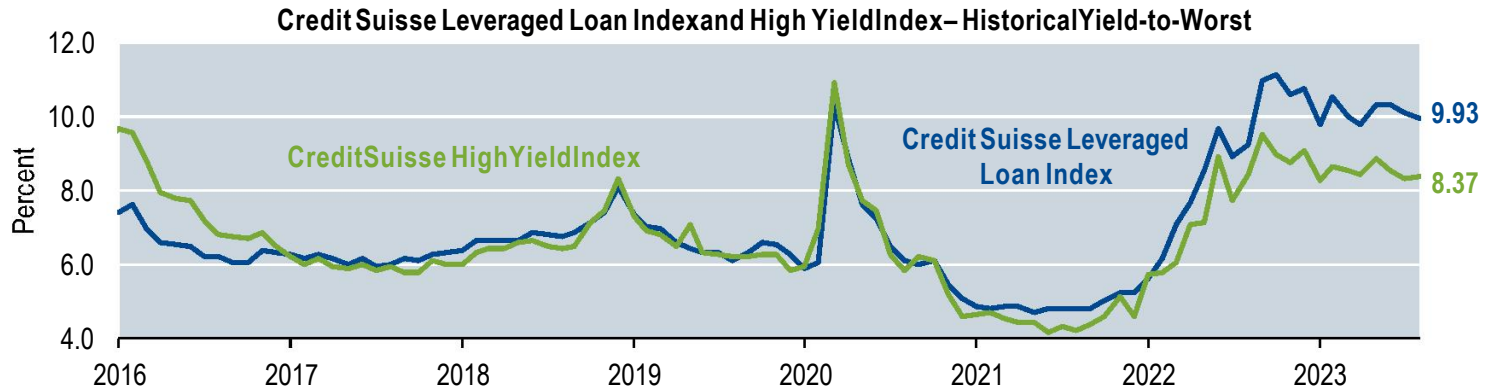
**High-Yield Net Leverage**



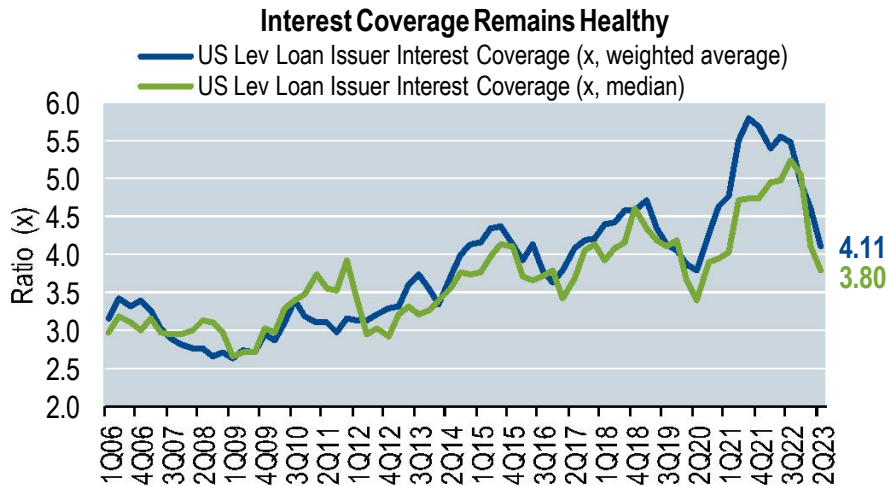
Source: Morgan Stanley Research, Bloomberg, S&P Capital IQ. As of 31 Mar 23

# Bank Loan Valuations Relative to High-Yield

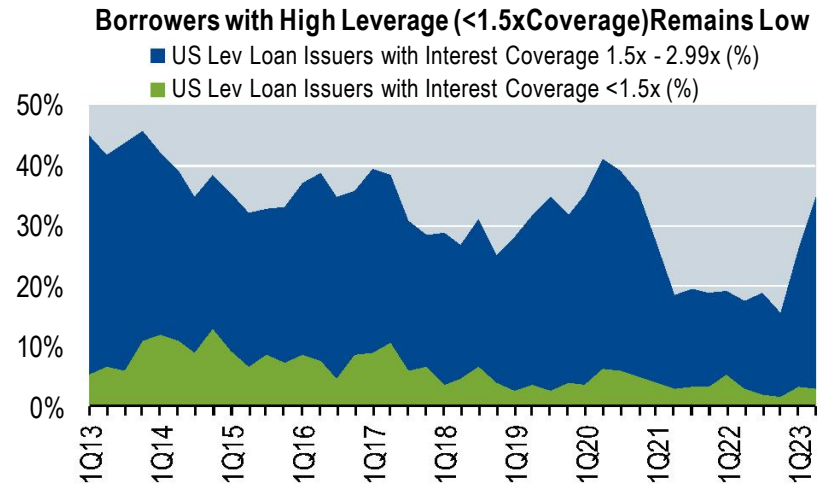
Since 1992, high-yield has historically had a YTW with 87 bps premium over leveraged loans and 82 bps spread over loans driven by higher risk profile due to unsecured, subordinated position in capital structure relative to loans



Source: Credit Suisse. As of 31 Aug 23  
Yield-to-Worst (YTW) is the lesser of yield-to-maturity or yield-to-call across all known call dates.



Source: Leveraged Commentary & Data (LCD). As of 30 Jun 23



Source: Leveraged Commentary & Data (LCD). As of 30 Jun 23

## Mortgage Credit Offers Attractive Relative Value

- While real estate prices are expected to cool from the record increases, market spreads are elevated with increased risk premiums
- During the housing boom of Covid, lending stayed conservative and single family markets remain well supported by long-term fundamentals
- Commercial real estate sector has largely been able to pass on the cost of higher interest rates in rents at hotels, apartments, and industrial properties, while the office sector faces continued headwinds from Covid

Spreads	Representative RMBS CRT Below IG*	BAML RMBS Legacy Below IG	Bloomberg Non-Agency CMBS BBB	Bloomberg US IG Corporate	Bloomberg US High Yield
31 Jan 20	178	123	250	102	390
<b>20 Sep 23</b>	<b>328</b>	<b>223</b>	<b>1,069</b>	<b>116</b>	<b>371</b>
Difference Since 31 Jan 20	151	100	819	14	-19
31 Dec 18	246	127	371	153	526
<b>20 Sep 23</b>	<b>328</b>	<b>223</b>	<b>1,069</b>	<b>116</b>	<b>371</b>
Difference Since 31 Dec 18	83	97	698	-37	-155

Source: Bloomberg, Bank of America, Western Asset. As of 20 Sep 23

Opinions expressed are subject to change without notice and do not take into account the particular investment objectives, financial situations or needs of investors.

\*Representative RMBS CRT Below IG: On-the-run speed adjust spread for below investment-grade rated CRT cohort

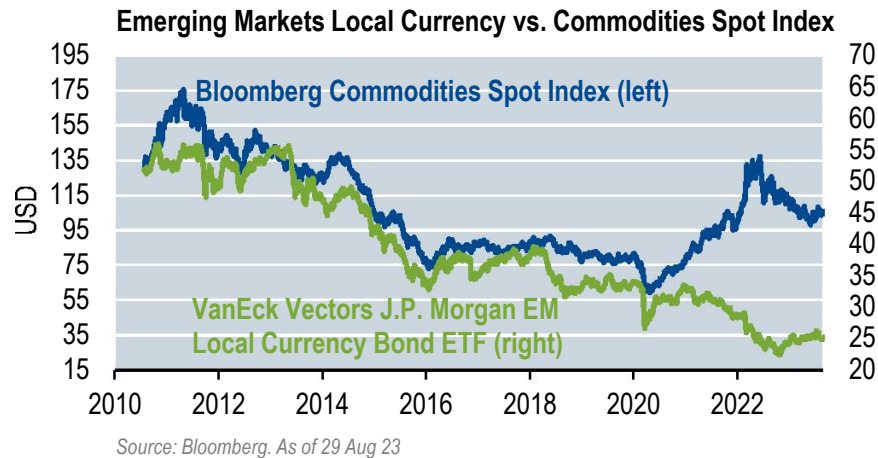
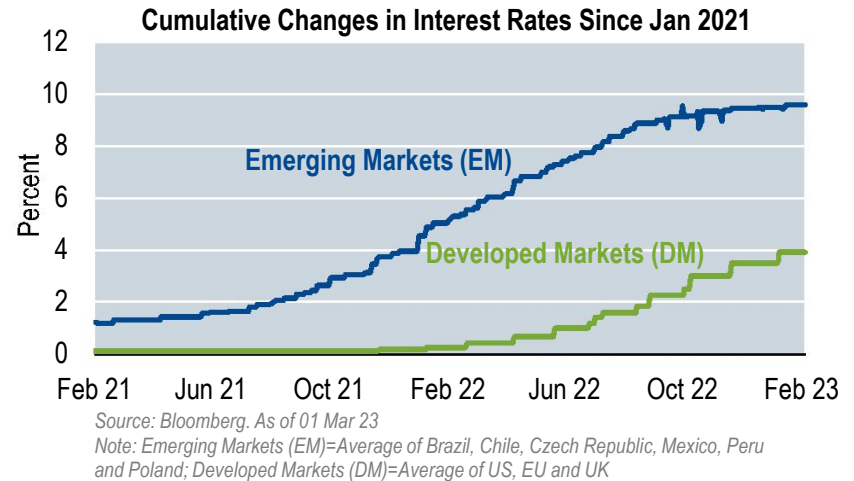
Past performance is not a reliable indicator of future results.

# The USD and Commodities: Key Emerging Market Drivers

EM central banks are closer to the end of the tightening cycle relative to the developed world

USD relative strength and commodity prices are both inputs into EM economic conditions and returns.

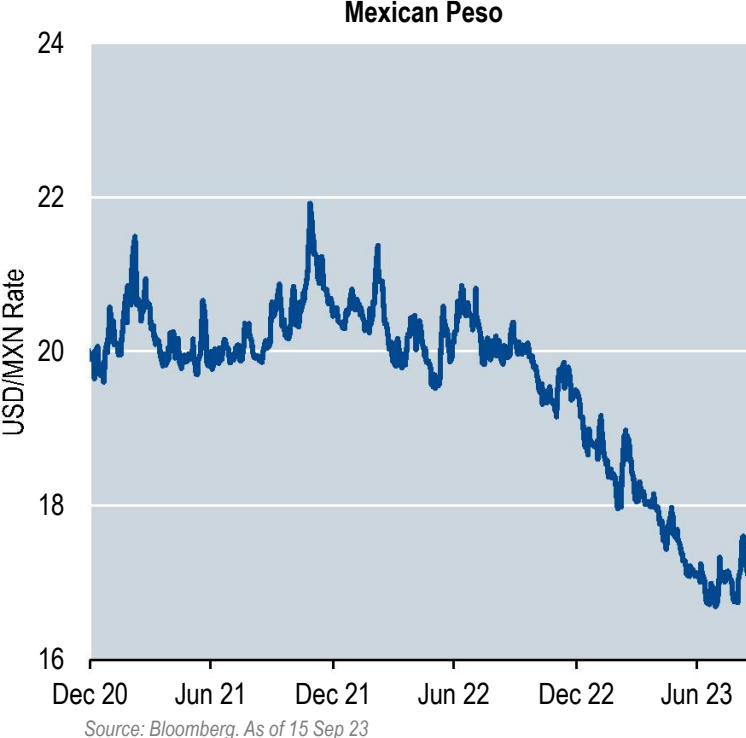
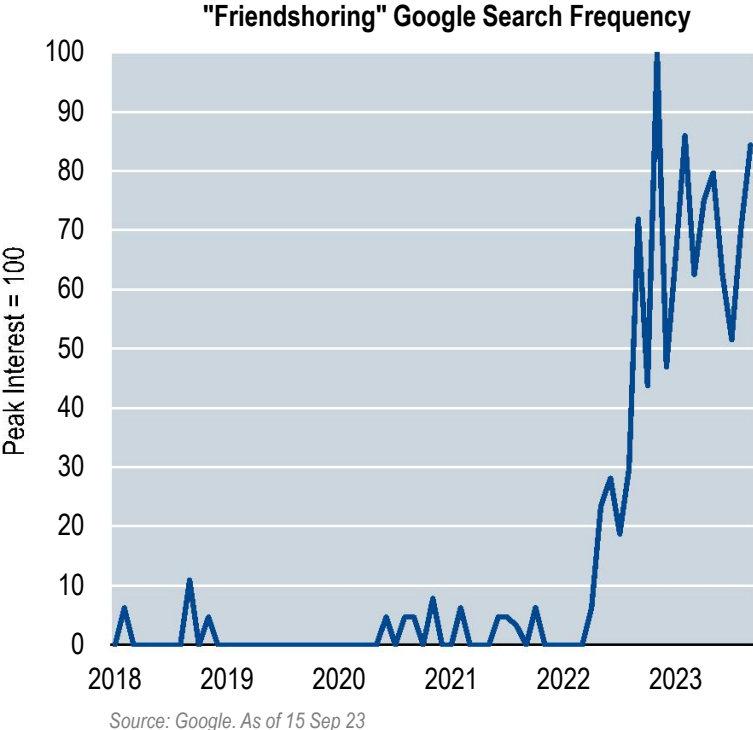
A Fed pause combined with China reopening bodes well for EM



# Globalization Transitions Toward Friendshoring

Some EM countries/regions are set to benefit from the evolution of global supply chains to reflect geopolitical considerations in addition to manufacturing costs.

We would highlight Mexico, Dominican Republic, Costa Rica, and India as potential beneficiaries of friendshoring.





## Appendix

## Risk Disclosure

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# VENTURA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

CALIFORNIA DISCLOSURE REPORTING  
CALIFORNIA CODE, GOVERNMENT CODE -GOV § 7514.7

**OCTOBER 23, 2023**

# CALIFORNIA DISCLOSURE REPORTING

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Name of Fund	Address of Fund Manager	Closing Date	Commitment	Vintage Year
Abbott Secondary Opportunities II, L.P.	640 Fifth Avenue, 7th Floor, New York, NY 10019	01/31/2020	\$40,000,000	2021
Abbott Secondary Opportunities, L.P.	640 Fifth Avenue, 7th Floor, New York, NY 10019	12/21/2017	\$25,000,000	2016
ABRY Partners IX	888 Boylston St, Suite 1600, Boston, MA 02199	12/06/2018	\$10,600,000	2019
Adams Street 2010 Direct Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$8,500,000	2010
Adams Street 2013 Global Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	06/27/2013	\$75,000,000	2013
Adams Street 2016 Global Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	08/16/2016	\$60,000,000	2016
Adams Street Co-Investment Fund IV A	One North Wacker Drive, Suite 2200, Chicago, IL 60606	09/24/2018	\$30,000,000	2018
Adams Street Co-Investment Fund V	One North Wacker Drive, Suite 2200, Chicago, IL 60606	09/30/2021	\$35,000,000	2022
Adams Street Global Secondary Fund 7	One North Wacker Drive, Suite 2200, Chicago, IL 60606	11/04/2022	\$25,000,000	2022
Adams Street Partnership Fund - 2010 Non-U.S. Developed Markets Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$25,500,000	2010
Adams Street Partnership Fund - 2010 Non-U.S. Emerging Markets Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$8,500,000	2010
Adams Street Partnership Fund - 2010 U.S. Fund	One North Wacker Drive, Suite 2200, Chicago, IL 60606	05/21/2010	\$42,500,000	2010
Advent International GPE IX	800 Boylston Street, Boston, MA, 02199	05/23/2019	\$10,000,000	2019
Advent International GPE X	800 Boylston Street, Boston, MA, 02199	04/28/2022	\$20,000,000	2022
Astorg VII	68 rue du Faubourg Saint-Honoré, Paris 75008	12/17/2018	\$8,715,479	2019
Astorg VIII	68 rue du Faubourg Saint-Honoré, Paris 75008	02/01/2022	\$18,138,577	2022
Battery Ventures XII	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/01/2018	\$9,050,000	2018
Battery Ventures XII Side Fund	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/01/2018	\$5,050,000	2018
Battery Ventures XIII	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/11/2020	\$9,240,000	2020
Battery Ventures XIII Side Fund	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/11/2020	\$6,160,000	2020
Battery Ventures XIV	One Marina Park Drive, Suite 1100, Boston, MA 02210	02/24/2022	\$10,000,000	2022
Buenaventure One, LLC	640 Fifth Avenue, 7th Floor, New York, NY 10019	01/05/2018	\$289,599,750	2018
CapVest Equity Partners IV	100 Pall Mall, London SW1Y 5NQ	07/11/2018	\$12,398,348	2020
CapVest Equity Partners V	100 Pall Mall, London SW1Y 5NQ	11/23/2021	\$18,467,577	2023
Charlesbank Equity Fund X	200 Clarendon Street, 54th Floor, Boston, MA 02116	11/20/2020	\$24,000,000	2021
Charlesbank Equity Overage Fund X	200 Clarendon Street, 54th Floor, Boston, MA 02116	11/20/2020	\$6,000,000	2021
Clearlake Capital Partners V	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	12/22/2017	\$9,950,000	2018
Clearlake Capital Partners VI	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	01/02/2020	\$18,700,000	2020
Clearlake Capital Partners VII	233 Wilshire Blvd, Suite 800, Santa Monica, CA 90401	09/17/2021	\$20,000,000	2022
CRV XIX	300 Hamilton Avenue, 3rd Floor, Palo Alto, CA 94301	01/27/2022	\$10,000,000	2022

Vintage Year for a portfolio fund is determined by the date of the initial capital call or year of initial closing date if capital has not yet been called.

Vintage Year for a portfolio fund that has not yet called capital may change depending on when the portfolio fund first calls capital.

# CALIFORNIA DISCLOSURE REPORTING

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Name of Fund	Address of Fund Manager	Closing Date	Commitment	Vintage Year
CRV XVIII	300 Hamilton Avenue, 3rd Floor, Palo Alto, CA 94301	07/02/2020	\$15,000,000	2020
CVC Capital Partners VIII	20 avenue Monterey, L-2163, Luxembourg	05/22/2020	\$19,775,665	2021
Drive Capital Fund II	629 N. High Street, Columbus, OH 43215	08/19/2016	\$15,000,000	2016
Drive Capital Fund III	629 N. High Street, Columbus, OH 43215	04/05/2019	\$7,500,000	2019
Drive Capital Fund IV	629 N. High Street, Columbus, OH 43215	12/27/2021	\$10,000,000	2022
Drive Capital Overdrive Fund I	629 N. High Street, Columbus, OH 43215	04/05/2019	\$7,500,000	2019
Drive Capital Overdrive Fund II	629 N. High Street, Columbus, OH 43215	12/27/2021	\$10,000,000	2022
ECI 11	80 Strand, London WC2R 0DT	07/05/2018	\$9,710,273	2018
ECI 12	80 Strand, London WC2R 0DT	07/15/2022	\$20,137,194	2023
Flexpoint Fund IV-A	676 North Michigan Ave, Suite 3300, Chicago, IL 60611	07/02/2019	\$10,650,000	2020
Flexpoint Overage Fund IV-A	676 North Michigan Ave, Suite 3300, Chicago, IL 60611	07/02/2019	\$3,550,000	2021
Genstar Capital Partners IX	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	02/21/2019	\$7,500,000	2019
Genstar Capital Partners IX Opportunities Program	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	02/21/2019	\$2,500,000	2019
Genstar Capital Partners X	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	04/01/2021	\$15,000,000	2021
Genstar Capital Partners X Opportunities Program	Four Embarcadero Center, Suite 1900, San Francisco, CA 94111	04/01/2021	\$5,000,000	2021
GGV Capital VII	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$10,160,000	2019
GGV Capital VII Plus	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$2,540,000	2019
GGV Capital VIII	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$9,180,000	2021
GGV Capital VIII Plus	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$2,295,000	2021
GGV Discovery II	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	08/15/2018	\$2,100,000	2019
GGV Discovery III	3000 Sand Hill Road, Building 4, Suite 230, Menlo Park, CA 94025	10/30/2020	\$3,825,000	2021
Great Hill Equity Partners VII	200 Clarendon Street, 29th Floor, Boston, MA 02116	06/28/2019	\$8,900,000	2020
Great Hill Equity Partners VIII	200 Clarendon Street, 29th Floor, Boston, MA 02116	11/01/2021	\$25,000,000	2022
Green Equity Investors IX	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	03/01/2022	\$13,300,000	2023
Green Equity Investors VIII	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	10/18/2019	\$15,000,000	2020
GTCR Fund XII	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	09/29/2017	\$30,000,000	2017
GTCR Fund XIII	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	10/27/2020	\$30,000,000	2021
GTCR Strategic Growth Fund I	300 North LaSalle Street, Suite 5600, Chicago, IL 60654	01/18/2022	\$10,000,000	2022
HarbourVest - Dover Street IX	One Financial Center, Boston, MA 02111	07/08/2016	\$60,000,000	2016
HarbourVest - Dover Street VIII	One Financial Center, Boston, MA 02111	05/30/2013	\$67,500,000	2012

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<b>Name of Fund</b>	<b>Address of Fund Manager</b>	<b>Closing Date</b>	<b>Commitment</b>	<b>Vintage Year</b>
HarbourVest - Dover Street X	One Financial Center, Boston, MA 02111	05/31/2019	\$40,000,000	2019
HarbourVest Partners Co-Investment IV	One Financial Center, Boston, MA 02111	05/31/2017	\$30,000,000	2016
HarbourVest Partners Co-Investment V	One Financial Center, Boston, MA 02111	07/31/2018	\$35,000,000	2019
HarbourVest Partners Co-Investment VI	One Financial Center, Boston, MA 02111	06/24/2021	\$35,000,000	2021
Hellman & Friedman Capital Partners IX	415 Mission Street, Suite 5700, San Francisco, CA 94105	09/28/2018	\$19,800,000	2019
Hellman & Friedman Capital Partners X	415 Mission Street, Suite 5700, San Francisco, CA 94105	05/10/2021	\$20,000,000	2021
Insight Venture Partners X	1114 Avenue of the Americas, 36th Floor, New York, NY 10036	10/13/2017	\$25,000,000	2018
Jade Equity Investors II	11111 Santa Monica Boulevard, Suite 2000, Los Angeles, CA 90025	03/01/2022	\$6,700,000	2023
Kinderhook Capital Fund 7	505 Fifth Avenue, 25th Floor, New York, NY, 10017	01/28/2022	\$10,000,000	2022
M/C Partners IX	53 State Street, Suite 2602, Boston, MA 02109	05/06/2022	\$10,000,000	2023
M/C Partners VIII	53 State Street, Suite 2602, Boston, MA 02109	04/02/2018	\$10,000,000	2019
Oak HC/FT Partners III	2200 Atlantic Street, Suite 300, Stamford, CT 06902	07/31/2019	\$15,000,000	2019
Oak HC/FT Partners IV	2200 Atlantic Street, Suite 300, Stamford, CT 06902	02/17/2021	\$10,000,000	2021
Oak HC/FT Partners V	2200 Atlantic Street, Suite 300, Stamford, CT 06902	05/11/2022	\$10,000,000	2022
Pantheon Global Secondary Fund IV	10 Finsbury Square, 4th Floor, London EC2A1AF	06/24/2010	\$15,000,000	2010
Pantheon Global Secondary Fund V	10 Finsbury Square, 4th Floor, London EC2A1AF	02/06/2015	\$50,000,000	2015
Pantheon Global Secondary Fund VI	10 Finsbury Square, 4th Floor, London EC2A1AF	02/24/2020	\$25,000,000	2020
Pantheon Global Secondary Fund VII	10 Finsbury Square, 4th Floor, London EC2A1AF	10/28/2021	\$25,000,000	2022
Prairie Capital VII QP	191 North Wacker Drive, Chicago, IL 60606	04/06/2021	\$10,800,000	2021
Ridgemont Equity Partners IV	101 S Tryon Street, Suite 3400, Charlotte, NC 28280	10/29/2021	\$20,000,000	2023
Riverside Micro-Cap Fund V	630 Fifth Avenue, Suite 400, New York, NY 10111	08/21/2018	\$10,000,000	2019
Riverside Micro-Cap Fund VI	630 Fifth Avenue, Suite 400, New York, NY 10111	08/26/2021	\$20,000,000	2022
TA XIII	200 Clarendon Street, 56th Floor, Boston, MA 02116	05/02/2019	\$10,000,000	2019
TA XIV	200 Clarendon Street, 56th Floor, Boston, MA 02116	05/27/2021	\$10,000,000	2021
The Resolute Fund IV	399 Park Avenue, 30th Floor, New York, NY 10022	05/02/2018	\$20,000,000	2018
Vitruvian Investment Partnership IV	105 Wigmore Street, London, W1U1QY	06/03/2020	\$20,193,551	2020

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# CALIFORNIA DISCLOSURE REPORTING

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## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
Abbott Secondary Opportunities II, L.P.	\$15,606,722	\$4,200,000	\$16,895,733	1.35	93.82%	76.96%	\$2,600,000	\$1,223,093	\$182,140	\$30,627	\$393,938	\$0
Abbott Secondary Opportunities, L.P.	\$24,984,164	\$29,843,875	\$11,432,328	1.65	27.94%	25.85%	\$1,750,000	\$1,082,374	\$124,880	\$41,949	\$3,170	\$0
ABRY Partners IX	\$9,925,619	\$1,608,110	\$12,351,823	1.41	26.50%	18.70%	\$1,140,125	\$830,424	\$144,567	\$0	\$32,783	\$0
Adams Street 2010 Direct Fund	\$8,168,500	\$11,837,557	\$3,520,358	1.88	17.67%	11.97%	\$556,493	\$127,000	\$50,053	\$20,801	\$3,572	\$473
Adams Street 2013 Global Fund	\$69,319,741	\$63,903,906	\$83,336,806	2.12	16.24%	14.77%	\$15,292,698	\$7,640,043	\$412,149	\$0	\$80,581	\$1,603
Adams Street 2016 Global Fund	\$49,384,776	\$21,068,412	\$73,568,590	1.92	24.54%	21.47%	\$9,959,007	\$5,696,030	\$565,180	\$0	\$124,450	\$945
Adams Street Co-Investment Fund IV A	\$28,267,931	\$9,740,499	\$34,956,164	1.58	28.63%	23.32%	\$3,403,370	\$1,201,548	\$299,820	\$52,627	\$91,551	\$180
Adams Street Co-Investment Fund V	\$1,750,000	\$0	\$2,076,426	1.19	25.25%	35.00%	\$0	\$0	\$44,322	\$0	\$244,706	\$0
Adams Street Global Secondary Fund 7	\$3,822,560	\$0	\$5,210,290	1.36	55.26%	1588.04%	\$0	\$0	\$437,500	\$14,823	\$335,393	\$0
Adams Street Partnership Fund - 2010 Non-U.S. Developed Markets Fund	\$22,962,749	\$33,107,393	\$11,533,306	1.94	15.66%	13.25%	\$4,559,197	\$3,545,140	\$89,833	\$36,223	\$8,037	\$0
Adams Street Partnership Fund - 2010 Non-U.S. Emerging Markets Fund	\$7,633,000	\$7,605,239	\$7,912,914	2.03	12.19%	10.77%	\$947,523	\$545,196	\$29,944	\$0	\$4,531	\$0
Adams Street Partnership Fund - 2010 U.S. Fund	\$37,442,500	\$67,869,468	\$27,972,959	2.56	19.21%	17.05%	\$6,293,029	\$4,002,407	\$149,722	\$35,733	\$24,128	\$0
Advent International GPE IX	\$8,700,722	\$799,600	\$12,278,284	1.50	40.00%	27.43%	\$0	\$0	\$127,614	\$0	\$69,123	\$264
Advent International GPE X	\$700,000	\$0	\$653,528	0.93	76.00%	-22.99%	\$0	\$0	\$174,725	\$0	\$39,429	\$0
Astorg VII	\$7,770,216	\$0	\$9,636,788	1.24	21.50% <sup>4</sup>	13.91%	\$0	\$0	\$85,658	\$0	\$50,104	\$2,695
Astorg VIII	\$2,987,691	\$0	\$2,636,828	0.88	N/A <sup>4</sup>	-34.85%	\$0	\$0	\$206,434	\$0	\$200,954	\$80,647
Battery Ventures XII	\$8,161,290	\$4,839,132	\$18,216,166	2.82	48.40%	35.75%	\$2,837,762	\$2,543,836	\$226,250	\$1,121,613	\$10,752	\$0
Battery Ventures XII Side Fund	\$4,772,755	\$5,433,191	\$9,351,449	3.10	51.90%	40.20%	\$3,447,791	\$3,193,437	\$120,134	\$1,041,097	\$7,119	\$0
Battery Ventures XIII	\$7,331,940	\$0	\$9,721,753	1.33	28.80%	19.03%	\$0	\$0	\$229,093	\$0	\$16,784	\$1,926
Battery Ventures XIII Side Fund	\$4,918,144	\$0	\$7,185,217	1.46	32.30%	25.21%	\$0	\$0	\$115,443	\$0	\$10,679	\$1,926
Battery Ventures XIV	\$800,000	\$0	\$660,469	0.83	0.00%	-47.17%	\$0	\$0	\$116,250	\$0	\$23,331	\$0
Buenaventure One, LLC	\$140,620,590	\$17,233,156	\$192,766,982	1.49	21.83%	21.83%	\$4,950,000	\$4,223,154	\$0	\$0	\$630	\$0
CapVest Equity Partners IV	\$7,966,915	\$0	\$10,030,888	1.26	50.39% <sup>4</sup>	17.50%	\$0	\$0	\$164,222	\$0	\$90,076	\$10,335
CapVest Equity Partners V	\$0	\$0	(\$474,687)		N/A	N/A	\$0	\$0	\$343,041	\$0	\$100,537	\$0
Charlesbank Equity Fund X	\$10,074,622	\$73,953	\$11,490,245	1.15	18.46%	19.03%	\$73,953	\$73,953	\$123,615	\$0	\$298,388	\$17,996
Charlesbank Equity Overage Fund X	\$4,337,517	\$31,636	\$4,729,209	1.10	11.85%	14.68%	\$31,636	\$31,636	\$0	\$0	\$49,389	\$9,403
Clearlake Capital Partners V	\$14,059,510	\$17,758,524	\$12,352,543	2.14	50.20%	44.24%	\$2,925,246	\$1,792,018	\$43,539	\$133,933	\$54,503	\$78,270
Clearlake Capital Partners VI	\$18,922,043	\$1,566,382	\$27,076,327	1.51	36.10%	30.80%	\$926,691	\$388,347	\$28,643	\$0	\$104,282	\$196,334
Clearlake Capital Partners VII	\$8,205,789	\$487	\$7,996,014	0.97	NR	-4.96%	\$487	\$487	\$9,689	\$0	\$181,918	\$133,064

# CALIFORNIA DISCLOSURE REPORTING

CALIFORNIA CODE, GOVERNMENT CODE - GOV § 7514.7

## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
CRV XIX	\$1,275,000	\$0	\$1,078,038	0.85	-32.39%	-32.39%	\$0	\$0	\$186,806	\$0	\$16,732	\$0
CRV XVIII	\$12,112,500	\$0	\$13,161,136	1.09	10.30%	6.51%	\$0	\$0	\$375,000	\$24,705	\$3,274	\$0
CVC Capital Partners VIII	\$11,476,347	\$0	\$11,850,556	1.03	9.10%	6.45%	\$0	\$0	\$294,627	\$0	\$172,920	\$0
Drive Capital Fund II	\$14,946,053	\$3,410,764	\$14,969,981	1.23	9.10%	5.51%	\$1,484,361	\$1,187,170	\$188,801	\$0	\$40,876	\$0
Drive Capital Fund III	\$6,190,327	\$0	\$6,944,992	1.12	13.40%	7.40%	\$0	\$0	\$118,441	\$0	\$11,938	\$0
Drive Capital Fund IV	\$3,833,000	\$0	\$3,572,502	0.93	NR	-9.00%	\$0	\$0	\$215,761	\$0	\$43,119	\$0
Drive Capital Overdrive Fund I	\$7,316,687	\$12,492	\$9,202,183	1.26	14.00%	9.81%	\$0	\$0	\$126,721	\$0	\$7,445	\$0
Drive Capital Overdrive Fund II	\$4,169,953	\$0	\$3,868,303	0.93	NR	-13.30%	\$0	\$0	\$185,000	\$0	\$33,763	\$0
ECI 11	\$7,720,670	\$3,884,612	\$8,073,212	1.55	26.05% <sup>5</sup>	22.04%	\$2,712,299	\$1,503,451	\$146,933	\$0	\$124,075	\$0
ECI 12	\$0	\$0	\$0		N/A	N/A	\$0	\$0	\$0	\$0	\$0	\$0
Flexpoint Fund IV-A	\$6,105,377	\$1,412,900	\$8,012,117	1.54	40.60%	31.92%	\$1,412,900	\$1,115,627	\$196,753	\$0	\$128,553	\$0
Flexpoint Overage Fund IV-A	\$2,271,591	\$0	\$2,548,299	1.12	12.50%	10.06%	\$0	\$0	\$45,014	\$0	\$17,756	\$0
Genstar Capital Partners IX	\$7,113,299	\$3,147,426	\$9,987,614	1.85	53.40%	37.78%	\$2,208,707	\$1,651,087	\$102,611	\$402,213	\$5,339	\$0
Genstar Capital Partners IX Opportunities Program	\$2,152,214	\$940,541	\$2,995,571	1.83	34.60%	29.59%	\$884,628	\$667,780	\$19,550	\$165,383	\$2,186	\$0
Genstar Capital Partners X	\$7,507,769	\$0	\$7,851,095	1.05	NR	8.53%	\$0	\$0	\$0	\$0	\$140,282	\$0
Genstar Capital Partners X Opportunities Program	\$2,919,779	\$0	\$3,060,154	1.05	9.10%	7.53%	\$0	\$0	\$14,387	\$0	\$1,380	\$0
GGV Capital VII	\$9,550,400	\$69,608	\$13,438,593	1.41	23.90%	14.51%	\$69,608	\$69,608	\$169,635	\$0	\$5,169	\$0
GGV Capital VII Plus	\$2,476,500	\$0	\$3,170,308	1.28	13.50%	10.19%	\$0	\$0	\$0	\$0	\$1,873	\$0
GGV Capital VIII	\$4,911,300	\$0	\$5,668,928	1.15	29.60%	13.43%	\$0	\$0	\$183,600	\$0	\$4,101	\$0
GGV Capital VIII Plus	\$1,055,700	\$0	\$1,095,548	1.04	5.20%	3.41%	\$0	\$0	\$0	\$0	\$1,353	\$0
GGV Discovery II	\$1,953,000	\$0	\$3,908,017	2.00	47.20%	31.92%	\$0	\$0	\$37,132	\$0	\$1,968	\$0
GGV Discovery III	\$1,740,375	\$0	\$2,592,078	1.49	72.70%	38.22%	\$0	\$0	\$76,500	\$0	\$2,887	\$0
Great Hill Equity Partners VII	\$8,007,493	\$2,458,521	\$8,276,095	1.34	32.20%	73.44%	\$0	\$0	\$290,085	\$0	\$73,404	\$0
Great Hill Equity Partners VIII	\$1,288,109	\$0	(\$251,302)	-0.20	N/A	N/A	\$0	\$0	\$659,580	\$0	\$271,609	\$0
Green Equity Investors IX	\$0	\$0	(\$17,732)		N/A	N/A	\$0	\$0	\$0	\$0	\$17,732	\$0
Green Equity Investors VIII	\$13,070,155	\$119,236	\$14,234,486	1.10	10.60%	7.25%	\$105,105	\$105,105	\$49,113	\$0	\$49,008	\$0
GTCR Fund XII	\$24,532,892	\$12,846,870	\$32,806,161	1.86	31.74%	27.90%	\$1,902,522	(\$811,876)	\$354,029	\$0	\$13,626	\$7,464
GTCR Fund XIII	\$15,343,652	\$3,268,145	\$14,799,906	1.18	30.38%	31.93%	\$2,182,652	\$1,855,235	\$360,595	\$0	\$301,325	\$36,787
GTCR Strategic Growth Fund I	\$313,000	\$0	\$41,590	0.13	NR	-99.96%	\$0	\$0	\$147,908	\$0	\$94,686	\$1,259
HarbourVest - Dover Street IX	\$52,200,000	\$53,689,599	\$37,202,541	1.74	24.50%	23.54%	\$10,613,356	\$4,621,631	\$750,004	\$259,691	\$367,465	\$0
HarbourVest - Dover Street VIII	\$62,184,954	\$97,765,779	\$7,785,081	1.70	22.90%	19.91%	\$4,239,342	\$1,192,526	\$453,230	\$2,116,774	\$10,020	\$0



# CALIFORNIA DISCLOSURE REPORTING

CALIFORNIA CODE, GOVERNMENT CODE - GOV § 7514.7

## Performance and Fee Information<sup>1</sup>

Name of Fund	As of December 31, 2022 (Since Inception)						For the Year Ended December 31, 2022					
	Amount Paid-in	Distributions	Valuation	TVPI	Gross IRR	Net IRR	Distributions	Cash Profit Received <sup>2</sup>	Management Fees <sup>3</sup>	Carried Interest Paid	Other Expenses	Fees & Expenses Paid by Portfolio Cos.
HarbourVest - Dover Street X	\$25,300,000	\$8,766,500	\$30,623,393	1.56	36.20%	40.73%	\$4,072,975	\$2,212,951	\$396,283	\$124,935	\$264,693	\$0
HarbourVest Partners Co-Investment IV	\$24,464,388	\$23,670,200	\$22,778,067	1.90	18.40%	17.20%	\$1,251,755	\$843,775	\$178,593	\$0	\$138,375	\$0
HarbourVest Partners Co-Investment V	\$27,125,000	\$5,592,394	\$43,383,268	1.81	27.40%	27.39%	\$3,770,902	\$2,046,020	\$336,003	\$188,217	\$85,057	\$0
HarbourVest Partners Co-Investment VI	\$8,750,000	\$0	\$8,700,216	0.99	4.50%	-1.57%	\$0	\$0	\$57,805	\$0	\$346,501	\$0
Hellman & Friedman Capital Partners IX	\$20,256,309	\$1,156,489	\$24,459,791	1.26	18.00%	13.19%	\$106,036	\$0	\$213,313	\$0	\$11,560	\$213
Hellman & Friedman Capital Partners X	\$10,921,971	\$20,061	\$10,580,507	0.97	-1.00%	-3.03%	\$20,061	\$0	\$225,000	\$0	\$130,786	\$0
Insight Venture Partners X	\$25,680,872	\$10,857,572	\$49,505,583	2.35	37.00%	28.32%	\$3,354,322	\$2,596,857	\$372,828	\$641,831	\$67,601	\$0
Jade Equity Investors II	\$0	\$0	(\$6,201)		N/A	N/A	\$0	\$0	\$0	\$0	\$6,201	\$0
Kinderhook Capital Fund 7	\$2,893,578	\$4,083	\$4,077,921	1.41	56.00%	178.33%	\$4,083	\$4,083	\$0	\$0	\$128,185	\$0
M/C Partners IX	\$0	\$0	\$0		N/A	N/A	\$0	\$0	\$0	\$0	\$0	\$0
M/C Partners VIII	\$7,328,792	\$929,368	\$7,754,709	1.18	15.00%	9.72%	\$929,368	\$557,621	\$149,379	\$0	\$39,478	\$0
Oak HC/FT Partners III	\$14,526,349	\$1,348,190	\$22,222,584	1.62	33.50%	26.74%	\$0	\$0	\$337,500	\$0	\$25,712	\$0
Oak HC/FT Partners IV	\$7,836,872	\$0	\$8,863,729	1.13	17.00%	11.56%	\$0	\$0	\$133,857	\$0	\$27,333	\$0
Oak HC/FT Partners V	\$416,298	\$0	\$592,432	1.42	201.10%	170.63%	\$0	\$0	\$125,650	\$0	\$27,536	\$0
Pantheon Global Secondary Fund IV	\$9,960,000	\$14,929,293	\$1,043,499	1.60	14.40%	12.94%	\$297,000	\$297,000	\$71,745	\$33,000	\$3,615	\$0
Pantheon Global Secondary Fund V	\$39,616,509	\$30,059,484	\$34,633,853	1.63	14.00%	13.32%	\$3,486,450	\$1,293,703	\$364,500	\$143,500	\$73,437	\$0
Pantheon Global Secondary Fund VI	\$16,847,805	\$3,224,621	\$25,569,640	1.71	20.40%	30.32%	\$1,681,250	\$273,345	\$0	\$0	\$5,189	\$0
Pantheon Global Secondary Fund VII	\$4,473,346	\$48,551	\$4,802,751	1.08	15.20%	14.85%	\$48,551	\$17,301	\$0	\$0	\$5,444	\$0
Prairie Capital VII QP	\$3,672,000	\$0	\$3,974,905	1.08	16.30%	7.81%	\$0	\$0	\$168,349	\$0	\$125,258	\$0
Ridgmont Equity Partners IV	\$0	\$0	\$22,993		N/A	N/A	\$0	\$0	\$130,785	\$0	\$81,464	\$0
Riverside Micro-Cap Fund V	\$8,061,200	\$0	\$11,899,361	1.48	33.00%	20.54%	\$0	\$0	\$60,852	\$0	\$23,723	\$0
Riverside Micro-Cap Fund VI	\$1,328,389	\$0	\$1,076,098	0.81	NR	-56.64%	\$0	\$0	\$404,253	\$0	\$208,341	\$0
TA XIII	\$9,800,000	\$3,650,000	\$12,457,435	1.64	45.70%	34.84%	\$725,000	\$725,000	\$141,850	\$96,421	\$19,337	\$0
TA XIV	\$5,800,000	\$0	\$5,260,297	0.91	-7.20%	-16.15%	\$0	\$0	\$136,278	\$0	\$91,204	\$0
The Resolute Fund IV	\$21,313,069	\$12,324,946	\$31,943,158	2.08	43.30%	43.45%	\$845,666	\$308,228	\$111,089	\$26,472	\$24,982	\$60,101
Vitruvian Investment Partnership IV	\$12,374,480	\$0	\$14,050,592	1.14	26.00% <sup>4</sup>	14.97%	\$0	\$0	\$295,340	\$0	\$116,745	\$0

NR = Information was not reported. N/A = Not applicable.

<sup>1</sup>With the exception of fund level information for Abbott Secondary Opportunities, L.P. (ASO), Abbott Secondary Opportunities II, L.P. (ASO II), and Buenaventure One, LLC (BO), the information included herein is sourced from data provided by the managers of the funds. The fund level information provided herein was not prepared, reviewed or approved by any of the managers of the funds noted herein. Such information has not been independently verified and no representation or warranty, express or implied, is given by or on behalf of Abbott as to the accuracy, fairness, correctness, or completeness of the information. Amounts above reflect VCERA's share of capital calls, distributions, and certain income/expense items. Certain amounts provided above have been estimated based on fund level information disclosed in the December 31, 2022 audited portfolio fund financial statements. Differences between such estimates and actual amounts may exist and such differences could be material. For funds of funds, expense amounts above exclude amounts at the underlying portfolio fund level.

<sup>2</sup>Represents amounts included in distributions received during the year that are classified as gain, dividend, interest or income per the fund's distribution notice.

<sup>3</sup>Management fees are net of fee waivers in lieu of general partner capital contributions and offsets related to transaction fees, board fees and other items.

<sup>4</sup>Gross IRR is reported in EUR.

<sup>5</sup>Gross IRR is reported in GBP.



**To: Ventura County Employees' Retirement Association**

**From: NEPC Consulting Team**

**Date: October 23, 2023**

**Subject: Alternative Investment Fee Reporting**

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California Government Code Section 7514.7 (Assembly Bill 2833) requires that public pension plans collect fee and expense detail on the alternative investments included in the plan. It is required that this information be disclosed at a public meeting once each year commencing with all new capital commitments made on or after January 1, 2017. Additionally, each public pension plan should take reasonable efforts to collect this fee data for all existing contracts for which no new capital commitment was made on or after January 1, 2017.

The law defines alternative investments to include private equity fund, venture fund, hedge fund or absolute return fund. We have included information on all the alternative investment limited partnerships VCERA has invested in, including real estate and private debt.

Specifically, the law requires reporting on the following items:

1. The fees and expenses that VCERA pays directly to the alternative investment vehicle, the fund manager or related parties.
2. VCERA's pro rata share of fees and expenses that are paid from the alternative investment vehicle to the fund manager or related parties.
3. VCERA's pro rata share of carried interest distributed to the fund manager or related parties.
4. VCERA's pro rata share of aggregate fees and expenses paid by all of the portfolio companies held within the alternative investment vehicle to the fund manager or related parties.
5. The gross and net internal rate of return of the fund, since inception.
6. Any additional information described in the California Public Records Act [Government Code Section 6254.26(b)]:
  - a. The name, address and vintage year of each alternative investment vehicle.
  - b. The dollar amount of the commitment made by VCERA to each alternative investment vehicle since inception.
  - c. The dollar amount of cash contributions made by VCERA to each alternative investment vehicle since inception.
  - d. The dollar amount, on a fiscal year-end basis, of cash distributions received by VCERA from each alternative investment vehicle.
  - e. The dollar amount, on a fiscal year-end basis, of cash distributions received by VCERA plus remaining value of partnership assets attributable to VCERA's investment in each alternative investment vehicle.

- f. The net internal rate of return of each alternative investment vehicle since inception.
- g. The investment multiple of each alternative investment vehicle since inception.
- h. The dollar amount of the total management fees and costs paid on an annual fiscal year-end basis, by VCERA to each alternative investment vehicle.
- i. The dollar amount of cash profit received by VCERA from each alternative investment vehicle on a fiscal year-end basis.

Attached to this memo is the required information to satisfy California Government Code Section 7514.7. The fund level information provided herein was not prepared, reviewed, or approved by any of the managers of the funds noted herein.





Fund	Address	Date of Investment	Vintage Year	2022 Fees and Expenses paid directly to Partnership or General Partner	2022 Fees and Expenses paid from the Partnership	2022 Carried Interest paid	2022 Fees and Expenses paid by all portfolio companies	VCERA Net Internal Rate of Return Since Inception
Alterra IOS Venture II	414 S 16th St Suite 100 Philadelphia, PA 19146	4/7/2022	2022	\$547,826	\$0	\$0	\$206,072	-9.05%
Arbour Lane Credit Opp III A	700 Canal Street Stamford, CT 06902	11/15/2021	2021	\$103,840	\$0	\$0	\$59,836	-12.50%
Bain Capital Special Situations Asia Fund II	200 Clarendon Street Boston, MA 02116	7/26/2021	2021	\$0	\$151,212	\$0	\$0	20.16%
BlueBay Direct Lending Fund III (USD-L), SLP	5 Hanover Square London, United Kingdom W1S1HE	3/8/2019	2019	\$0	\$242,126	\$0	\$668,019	10.10%
Bridge Debt Strategies Fund III, LP	111 East Segoe Lily Drive #400, Salt Lake City, UT 84070	12/20/2019	2019	\$0	\$174,835	\$0	\$1,117,474	9.00%
Bridge Debt Strategies Fund IV	111 East Segoe Lily Drive #400, Salt Lake City, UT 84070	7/26/2021	2021	\$0	\$125,358	\$0	\$1,211,571	6.80%
Brookfield Infrastructure Fund IV, LP	250 Vesey St. 15th Floor New York, NY 10281	10/21/2019	2019	\$0	\$747,473	\$0	\$146,406	8.40%
Crayhill Principal Strategies II	34 East 51st Street, 15th Floor New York, NY 10022	4/23/2021	2021	\$15,314	\$68,266	\$377,853	\$54,892	27.18%
Crescent Cove Opportunity Fund LP	1700 Montgomery Street, Suite 240 San Francisco, CA 94111	5/20/2022	2022	\$0	\$234,375	\$0	\$0	1.81%
Cross Ocean USD ESS Fund IV	20 Horseneck Lane Greenwich, CT 06830	6/21/2021	2021	\$0	\$104,141	\$0	\$0	8.10%
CVI Credit Value Fund IV	9320 Excelsior Blvd. 7th Fl Hopkins, MN 55343	12/1/2017	2018	\$0	\$324,000	\$0	\$0	8.00%

Fund	Address	Date of Investment	Vintage Year	2022 Fees and Expenses paid directly to Partnership or General Partner	2022 Fees and Expenses paid from the Partnership	2022 Carried Interest paid	2022 Fees and Expenses paid by all portfolio companies	VCERA Net Internal Rate of Return Since Inception
CVI Credit Value Fund V	9320 Excelsior Blvd. 7th Fl Hopkins, MN 55343	3/29/2021	2021	\$0	\$161,679	\$0	\$0	4.04%
Harbourvest Direct Lending L	One Financial Center 44th Floor Boston, MA 02111	6/21/2021	2021	\$0	\$91,594	\$0	\$140,523	8.90%
Harbourvest Real Assets Fund IV, LP	One Financial Center 44th Floor Boston, MA 02111	7/15/2019	2019	\$0	\$893,732	\$0	\$0	49.40%
Lasalle Income and Growth Fund VIII, LP	200 East Randolph Drive, Chicago, IL 60601	2/15/2020	2019	\$0	\$1,200,000	\$0	\$0	18.80%
Monroe Capital Private Credit Fund III, LP	311 South Wacker Drive, Suite 6400 Chicago, IL 60606	11/15/2018	2018	\$0	\$232,007	\$332,046	\$0	12.39%
Monroe Capital Private Credit Fund IV, LP	311 South Wacker Drive, Suite 6400 Chicago, IL 60606	1/10/2022	2022	0	\$183,648	\$53,394	\$0	8.35%
Pantheon Credit Opportunities II	600 Montgomery Street 23rd Floor San Francisco, CA 94111	10/25/2022	2022	\$0	\$24,014	\$0	\$0	86.10%
PIMCO Corporate Opportunities Fund III, LP	650 Newport Center Drive, Newport Beach, CA 92660	1/27/2020	2020	\$0	\$1,988,983	\$16,818	\$0	7.25%
PIMCO Private Income Fund, LP	650 Newport Center Drive, Newport Beach, CA 92660	4/1/2019	2019	\$0	\$661,082	\$0	\$0	22.45%
Torchlight Debt Fund VII	280 Park Avenue New York, New York 10017	1/25/2021	2021	\$71,471	\$312,500	\$0	\$0	6.40%
VWH Partners III LP	500 Crescent Court Suite 318 Dallas, TX 75201	12/1/2022	2022	\$0	\$939,041	\$0	\$0	0.00%



Fund	Commitment Amount	Contributions Since Inception ending 2022	Remaining Value of VCERA Investment	Distributions Year End 2022	Distributions + Remaining Value of Partnership ending 2022	Profit received as of Year End 2022	Partnership Net Internal Rate of Return Since Inception	Investment Multiple Since Inception
Alterra IOS Venture II	\$35,000,000	\$22,509,542	\$21,810,744	\$0	\$21,810,744	-\$698,798	-8.14%	0.97x
Arbour Lane Credit Opp III A	\$30,000,000	\$12,774,388	\$11,825,590	\$0	\$11,825,590	-\$948,798	-12.50%	0.93x
Bain Capital Special Situations Asia Fund II	\$25,000,000	\$2,500,000	\$3,037,881	\$0	\$3,037,881	\$537,881	28.37%	1.22x
BlueBay Direct Lending Fund III (USD-L), SLP	\$25,000,000	\$16,291,161	\$3,780,444	\$17,496,063	\$21,276,507	\$4,985,346	10.10%	1.31x
Bridge Debt Strategies Fund III, LP	\$25,000,000	\$23,849,171	\$13,681,715	\$16,529,175	\$30,210,890	\$6,361,719	9.00%	1.27x
Bridge Debt Strategies Fund IV	\$25,000,000	\$19,910,736	\$1,242,775	\$19,886,868	\$21,129,643	\$1,218,907	6.80%	1.06x
Brookfield Infrastructure Fund IV, LP	\$50,000,000	\$41,388,392	\$44,455,303	\$8,213,079	\$52,668,382	\$11,279,990	8.40%	1.27x
Crayhill Principal Strategies II	\$25,000,000	\$13,302,786	\$3,760,040	\$12,414,197	\$16,174,237	\$2,871,451	27.18%	1.17x
Crescent Cove Opportunity Fund LP	\$50,000,000	\$12,500,000	\$41,250	\$12,597,265	\$12,638,515	\$138,515	10.06%	1.01x
Cross Ocean USD ESS Fund IV	\$25,000,000	\$14,737,099	\$0	\$15,598,524	\$15,598,524	\$861,425	8.10%	1.06x
CVI Credit Value Fund IV	\$30,000,000	\$27,000,000	\$7,783,809	\$27,635,007	\$35,418,816	\$8,418,816	8.00%	1.31x



Fund	Commitment Amount	Contributions Since Inception ending 2022	Remaining Value of VCERA Investment	Distributions Year End 2022	Distributions + Remaining Value of Partnership ending 2022	Profit received as of Year End 2022	Partnership Net Internal Rate of Return Since Inception	Investment Multiple Since Inception
CVI Credit Value Fund V	\$30,000,000	\$19,500,000	\$0	\$20,134,142	\$20,134,142	\$634,142	4.04%	1.03x
Harbourvest Direct Lending L	\$25,000,000	\$19,000,000	\$1,819,968	\$18,681,232	\$20,501,200	\$1,501,200	8.32%	1.08x
Harbourvest Real Assets Fund IV, LP	\$100,000,000	\$56,000,000	\$71,093,226	\$8,442,982	\$79,536,208	\$23,536,208	49.70%	1.42x
Lasalle Income and Growth Fund VIII, LP	\$100,000,000	\$60,067,783	\$47,478,717	\$25,162,914	\$72,641,631	\$12,573,848	19.30%	1.21x
Monroe Capital Private Credit Fund III, LP	\$25,000,000	\$21,253,151	\$7,714,259	\$22,374,216	\$30,088,475	\$8,835,324	11.68%	1.42x
Monroe Capital Private Credit Fund IV, LP	\$30,000,000	\$25,500,000	\$1,477,250	\$25,675,579	\$27,152,829	\$1,652,829	8.03%	1.06x
Pantheon Credit Opportunity II	\$50,000,000	\$27,552,406	\$1,428,293	\$32,058,729	\$33,487,022	\$5,934,616	39.20%	1.22x
PIMCO Corporate Opportunities Fund III, LP	\$50,000,000	\$45,000,000	\$0	\$48,951,963	\$48,951,963	\$3,951,963	7.25%	1.09x
PIMCO Private Income Fund, LP	\$55,000,000	\$55,000,000	\$0	\$70,632,005	\$70,632,005	\$15,632,005	22.45%	1.28x
Torchlight Debt Fund VII	\$25,000,000	\$12,500,000	\$0	\$13,390,464	\$13,390,464	\$890,464	5.00%	1.07x
VWH Partners III LP	\$50,000,000	\$12,658,234	\$0	\$13,225,213	\$13,225,213	\$566,979	0.00%	1.04x





October 23, 2023

Board of Retirement  
Ventura County Employees' Retirement Association  
1190 South Victoria Avenue, Suite 200  
Ventura, CA 93003

**SUBJECT: \$25 Million Commitment to PIMCO Aviation Income Partners II**

Dear Board Members:

Attached is a joint recommendation memo from NEPC and me recommending a \$25 million commitment to PIMCO Aviation Income Partners II (AIP II).

Discussion

The Board adopted a revised asset allocation plan at its meeting of April 18, 2022, with a dedicated 6% targeted allocation to the real assets sub asset class. As of September 30, the portfolio's actual allocation to real assets was 4.9%. Real assets are intended to provide long-term uncorrelated and "real" after inflation returns.

As described in greater detail in NEPC's recommendation memo and in PIMCO's presentation deck, AIP II will be part of PIMCO's aviation platform that spans \$16bn across liquid and illiquid aviation markets such as aircraft asset backed securities (ABS), enhanced equipment trust certificates (EETC), direct loans, equity joint ventures, platform investments, etc.

In AIP II, PIMCO is co-investing with High Ridge Aviation (HRA) to capitalize on the secular need for financing in the aviation market. HRA is an operating company comprised of the former senior management team of General Electric's aviation finance arm, GECAS. HRA's platform will be a "complete solution" financing partner to the industry offering a variety of leasing solutions (operating, finance) for new and used aircraft and asset-based financing for commercial aircraft and engines.

AIP II is a co-investment fund which will purchase young and mid-life aircraft from airlines and/or lessors, primarily narrow body but may also purchase a limited number of wide body and freight airplanes. Airplanes will be used for operating and finance leases, as well as sale-leasebacks, and the fund will engage in asset trading, portfolio acquisitions, and aircraft servicing strategies. This differentiated niche investment opportunity would complement VCERA's real assets commitments to HarbourVest's, Brookfield's, and Pantheon's real assets and infrastructure funds.

AIP II is targeting a \$500 million fund size, with a net Internal Rate of Return (net-IRR) of 15%, and quarterly distributions beginning directly after the investment period. The fund will have an investment period of 18 months with the ability to extend by one-year at the GP's discretion. The



fund's term is 5 years from the final closing date with two possible 18-month extensions from the initial closing date in the GP's discretion. The standard investment management fee for AIP II is 1%. However, as a PIMCO Private Income Fund (PIF) investor, VCERA will qualify for preferred economics. There is a 20 basis points administrative fee which is paid by the fund directly for custody and other administrative services. Carried interest will be 10% with an 8% preferred return.

Of the \$500 million targeted fund size, PIMCO has committed \$200 million (40%) across 4 PIMCO funds to this co-investment program fund. Of that \$200 million, PIMCO funds have already deployed approximately \$190 million. VCERA would be part of the fund's 1<sup>st</sup> close for 3<sup>rd</sup> party capital anticipated at the end of this month.

**THEREFORE, IT IS RECOMMENDED THAT THE BOARD:**

- 1. Approve an investment commitment of \$25 million to PIMCO Aviation Income Partners II; and,**
- 2. Subject to successful legal review, authorize the Board Chair or the Retirement Administrator, or in the absence of both the Chief Investment Officer to approve and execute the required documentation.**

Respectfully submitted,



Dan Gallagher  
Chief Investment Officer



**To: Ventura County Employees' Retirement Association**

**From: NEPC Consulting Team**

**Date: October 23, 2023**

**Subject: PIMCO Aviation Income Partners II, LP (Real Assets)**

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### **Recommendation**

NEPC and VCERA's CIO recommend that the Board of the Ventura County Employees' Retirement Association ("VCERA" or the "Plan") approve a commitment of \$25 million to PIMCO Aviation Income Partners II ("AIP II," "Fund II," or the "Fund"). Due to the limited offering, the Fund has not been rated by the NEPC Private Investment Committee, NEPC Research has reviewed the fund and sees AIP II as a suitable investment that is additive to VCERA's real assets investments portfolio. PIMCO (the "Firm") currently manages \$127.4 million across 3 funds in the VCERA Private Credit Allocation as of June 30, 2023.

NEPC and VCERA's CIO believe that PIMCO Aviation Income Partners II fits well in the Plan's investments portfolio for the following reasons:

- **Firm/Organization:** PIMCO is a well-resourced firm that employs 3,000+ professionals across North America, South America, Europe, Asia, and Australia. PIMCO's alternative credit program has over \$100 billion in AUM and is a targeted area of growth for the firm. PIMCO has deep experience in aviation investing: the firm has over \$16 billion in aviation debt and equity exposure, including 110+ aircrafts purchased.
- **PIMCO and High Ridge Aviation Collaboration:** PIMCO's aviation team and High Ridge Aviation ("HRA") will be collaborating to form High Ridge Aviation OpCo. PIMCO Aviation Finance Group and HRA will collaborate on investments and both parties will have input on what investments merit inclusion in AIP II. PIMCO has considerable experience on aviation investment in-house, and High Ridge Aviation is a group of former C-suite executives from GE Capital Aviation Services (GECAS) that have on average 20+ years of aviation industry experience. The collaboration and expertise between the parties should benefit AIP II.
- **Diversifying Strategy:** Aviation Income Partners II should provide a diversifying exposure to VCERA's portfolio. The Fund should be less correlated to broader markets, and less correlated to VCERA's existing private investments allocations, thereby making VCERA's total allocation more diversified.
- **Discounted Economics:** As a PIMCO Private Income Fund investor (PIF), VCERA will be receiving preferred economics.

The Carried Interest will be 10% over an 8% Preferred Return.

## Overview of Ventura's Real Assets Program (RA)

As of 6/30/2023, VCERA had committed \$150 million to Real Assets with approximately \$114 million invested as of 6/30/2023. Through 6/30/2023, the RA allocation has generated a net internal rate of return of 24.9% per annum, with a Total Value to Paid-In Capital ratio of 1.35x. VCERA has made two 2023 vintage year commitments for a total of \$100 million.

## Fund Overview

PIMCO is targeting \$250 million to \$300 million from third party co-investors for PIMCO Aviation Income Partners II. The Fund has a net IRR target of 15%, with quarterly distributions after the investment period, and targets net unlevered yields of 7% to 8%. The Fund will also have an 18-month investment period and a five-year total fund life.

Aviation Income Partners II will have the combined aviation acumen of PIMCO's Aviation Finance Group and High Ridge Aviation. High Ridge Aviation also brings to the table seasoned leadership in the aviation industry. The combined investment platform will create a collaborative senior leadership team that has extensive experience in originating and managing aviation assets across domestic and international markets. The Fund will be governed by the AIP II Board, and all material transactions (aircraft purchases, dispositions, and financings) will require Board approval for inclusion. The AIP II Board will be controlled by PIMCO: there will be 2 board seats for PIMCO and 1 board seat for High Ridge Aviation. PIMCO's Aviation Finance Group will research and decide on all material purchases, sales, and financings. Additionally, the High Ridge Aviation team will augment this process with their significant experience in origination, lease management, marketing, and asset management. The High Ridge Aviation team has significant experience in restructuring, repossessing, and remarketing aircraft should the need arise in AIP II.

In addition to the targeted third-party co-investor capital, various private funds from PIMCO are expected to make a combined \$200 million investment into AIP II. Furthermore, the founding partners of High Ridge Aviation will invest personal capital into AIP II to further increase investor alignment for PIMCO and HRA. The primary means of deal origination for AIP II will be High Ridge Aviation OpCo, an entity that is 60% owned by PIMCO and 40% owned by High Ridge Aviation.

PIMCO and HRA should benefit from a compelling market opportunity in this market. Presently, traditional financing sources are strained due to a slowdown in capital markets and general bank retrenchment. Additionally, airline companies are generally seeking to increase fleet capacity with the post-COVID air travel recovery that markets have seen recently. The PIMCO and High Ridge Aviation platform should benefit investors as AIP II will have no legacy portfolio issues, and the experienced team will be able to quickly take advantage of the actionable pipeline that the team is already seeing in the market. AIP II will target an opportunistic return profile, and the portfolio will have a hard asset-backed element. The portfolio should benefit from inflation protection, as the target market has a stable residual profile, and a lower correlation profile to broader markets, a potential diversifier for investors.

PIMCO Aviation Income Partners II will be focusing on a few broad market segments: operating leases, finance leases, sale leasebacks, and portfolio acquisitions and servicing. Operating leases will entail using airlines' working capital to better manage business cycles and minimize asset disposal risk. Finance leases will be long-term to improve airlines' liquidity profiles and provide financing at competitive rates. Sale leasebacks will entail the purchase of aircrafts and engines and leasing them back to airlines to up equity for other business needs. Portfolio acquisitions will offer operators the chance to purchase aircraft portfolios and platforms.

Currently, AIP II has several broad investment criteria. The Fund will have a cap of 30% for a single lessee and 60% for a top three lessee maximum. AIP II will primarily focus on narrowbody airplanes



with the ability to invest up to 30% in widebody airplanes should compelling opportunities arise. The Fund will seek to keep widebody exposure below 30% and freighter exposure below 20%. Additionally, AIP II should be diversified regionally, with a general preference for low-cost carrier airlines with strong balance sheets.

Aviation Income Partners II benefits from a strong team with the combined resources of PIMCO's Aviation Finance Group and High Ridge Aviation's seasoned aviation industry personnel. The accrued experience between the parties is encouraging for prospective investors. It should be noted, however, that the combined track record is short to non-existent. There was a joint venture between PIMCO and AerCap (formerly GECAS) in 2021, but the strategy will be broadened in AIP II, and should be considered new. The collaboration between the teams is encouraging, but investors should consider the lack of overall combined track record.

The Fund should benefit from the extensive personnel. The track record of the combined teams is short, but the experience of the two separate parties is significant. It is also encouraging to see the alignment of incentives for AIP II indicated by significant PIMCO capital and HRA capital invested alongside third-party LP capital. Furthermore, existing PIMCO Private Income Fund investors will be given compelling economics for participation in AIP II.

Overall, NEPC has a positive view of PIMCO, the Team, and the Fund and concurs with staff's recommendation to commit \$25 million to PIMCO Aviation Income Partners II.



### NEPC Research Ratings Definitions

Rating	Description
1	A high conviction investment product. Product has a clear and economically-grounded investment thesis, and is managed by an investment team that is sufficiently resourced and incented to execute on the thesis.
2	NEPC has a positive view of the strategy. Strategy has a compelling and sound investment thesis. The manager is sufficiently resourced and incented to execute on the thesis. Strengths outweigh the weaknesses, but the strategy does not meet all requirements for a 1 rating.
3	A satisfactory investment product. The strategy lacks a compelling investment thesis, however there are no significant concerns around the manager's viability.
4	The strategy may have an unclear or ambiguous investment thesis or the manager may lack the ability to execute on the stated thesis. The strategy likely has strengths and weaknesses and the weaknesses may outweigh the strengths.
5	A strategy that lacks an investment thesis or NEPC has no confidence in the manager's ability to execute on the thesis, and/or the investment firm may not be viable. Serious issues have been identified with an investment manager or product. This rating aligns with a Due Diligence status of Terminate for client-owned products.
<b>Not Rated</b>	Due diligence has not been sufficiently completed on the product or manager.



## Disclaimers and Disclosures

- Past performance is no guarantee of future results.
- The opinions presented herein represent the good faith views of NEPC as of the date of this report and are subject to change at any time.
- This memo for the Fund provides a summary of information and documentation received by NEPC from the manager through phone calls and meetings. The product has been rated by NEPC's Alternative Assets Committee.
- Information used to prepare this report was obtained directly from the investment manager, and market index data was provided by other external sources. While NEPC has exercised reasonable professional care in preparing this report, we cannot guarantee the accuracy of all source information contained within.
- NEPC does not provide legal, regulatory or tax advice. Please consult your attorney or tax advisor for assistance as needed.
- This report may contain confidential or proprietary information and may not be copied or redistributed to any party not legally entitled to receive it.

In addition, it is important that investors understand the following characteristics of non- traditional investment strategies including hedge funds, real estate, and private equity:

- Performance can be volatile, and investors could lose all or a substantial portion of their investment.
- Leverage and other speculative practices may increase the risk of loss.
- Past performance may be revised due to the revaluation of investments.
- These investments can be illiquid, and investors may be subject to lockups or lengthy redemption terms.
- A secondary market may not be available for all funds, and any sales that occur may take place at a discount to value.
- These funds are not subject to the same regulatory requirements as registered investment vehicles.
- Managers may not be required to provide periodic pricing or valuation information to investors.
- These funds may have complex tax structures and delays in distributing important tax information.
- These funds often charge high fees.
- Investment agreements often give the manager authority to trade in securities, markets or currencies that are not within the manager's realm of expertise or contemplated investment strategy.





## Introduction to Proposed PIMCO Aviation Income Partners II ("PIMCO AIP II")

October 2023

**FOR PROSPECTIVE INVESTORS:** The information in these Materials (the "Materials") is subject to update, completion, revision, verification and amendment. The Materials do not constitute or form part of any offer to, or any solicitation or invitation of any offer to, invest in the fund described in the Materials (the "Fund"), nor shall these Materials or any part of them or the fact of their distribution form the basis of or be relied on in connection with any contract therefor. Recipients of these Materials who are offered the opportunity to invest in the Fund may only do so following publication of definitive legal documents relating to an investment in the Fund, which shall govern in the event of any conflict with the Materials. No reliance may be placed for any purposes whatsoever on the information contained in the Materials or on its completeness.

If an offer is made to invest in the Fund, interests in the Fund will be offered exclusively through PIMCO Investments LLC, a registered broker-dealer with the SEC, and member of the Financial Industry Regulatory Authority Inc. and Securities Investor Protection Corporation. None of the information contained herein has been filed with the Securities and Exchange Commission ("SEC"), and securities administrator under any state securities law or any government or self-regulatory authority. No government authority has passed on the merits of this information or the adequacy of this document. Any representation to the contrary is unlawful.

**The Materials are STRICTLY CONFIDENTIAL and may be used solely to evaluate a potential investment in the Fund.** Upon receipt hereof, you are deemed to represent and warrant that you will not distribute the Materials to any other person except to your advisors on a confidential, need-to-know basis in connection with evaluating a potential investment in the Fund. The Materials are for discussion purposes only and do not create any implied or express legally binding or enforceable obligations on Pacific Investment Management Company LLC, or their respective affiliates or any related parties referenced herein. The information contained in these Materials is not intended to be complete and may hereafter be changed materially at any time without notice.

**Prospective investors should also carefully review the information under the heading "Disclaimers" at the end of these Materials.**

# Important Information

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All \$ amounts referenced are in USD and source citations are PIMCO unless stated otherwise.

See the Disclaimers at the end of the presentation for additional information.

CMR2023-1004-3146295



## Biographical information

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### **Preeyam Gandhi**

Ms. Gandhi is a senior vice president and strategist in the New York office, covering alternative credit and private strategies. She develops solutions across opportunistic corporate and specialty finance strategies for global institutional and wealth management clients, and has also worked to develop alternative and co-investment solutions. Previously at PIMCO, she worked with U.S. public pensions, focusing on asset allocation and alternative credit. In 2020, Ms. Gandhi received the “Rising Star Award” from the Women’s Bond Club of New York, and she has served as a steering committee member of PIMCO Women and PIMCO LEAP (Leading and Engaging as Asian Professionals). She has eight years of investment experience and holds an undergraduate degree in finance and business management from the Leonard N. Stern School of Business at New York University.



### **Kevin Gray**

Mr. Gray is an executive vice president and account manager in the Newport Beach office and a member of PIMCO’s U.S. public pension practice, representing both public and private market strategies. Prior to joining PIMCO in 2005, he was with Union Bank of California. He has 21 years of investment experience and holds an MBA with concentrations in finance and investments from the Marshall School of Business at the University of Southern California. He received his undergraduate degree from the University of San Diego. Mr. Gray is a member of the investment committee of the Horace Kelley Art Foundation.



### **Sean Hinze**

Mr. Hinze is a senior vice president in the portfolio management group in the Newport Beach office, focusing on special situations and private equity investments. Prior to joining PIMCO in 2013, he was an investment banker at Goldman Sachs, covering the technology and financial sectors. He also served six years in the U.S. Army and Air Force, with his last assignment as a Captain and combat adviser to the Iraqi Army. He has 13 years of investment and financial services experience and holds an MBA from the Anderson School of Management at the University of California, Los Angeles, and an undergraduate degree in aerospace engineering from the University of Texas at Austin.



### **Catharine Roddy**

Ms. Roddy is a senior account associate in the Newport Beach office, focusing on institutional servicing within PIMCO’s U.S. public pension practice. She holds an undergraduate degree in economics and neuroscience from Dartmouth College.

# AIP II: Opportunity to partner with PIMCO & High Ridge Aviation (“HRA”)

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## ✓ Compelling Market Entry Point

- **Traditional financing sources constrained** given capital markets slowdown and post-COVID retrenchment<sup>1</sup>
- Airlines looking to meaningfully **increase fleet capacity and revenue generation** amid strong air travel recovery
- **Highly liquid aircraft** that are in high demand, creating potential downside mitigation

## ✓ Potential Benefit of PIMCO and HRA Platform

- **Fresh capital with no legacy exposure** or “exposure issues” other lessors face due to problematic jurisdictions and credits
- Highly experienced team of largely **GECAS’ former leadership team** with 20+ years of experience
- Ramped up portfolio with **targeted ~\$1.1bn seed portfolio** and **~\$3bn+ pipeline**<sup>2</sup>

## ✓ Attractive Investment Profile

- Designed to seek **opportunistic-like return profile of 15% net returns** with **quarterly distributions**
- **Hard asset backing and potential for inflation mitigation** with historically stable residual values
- **Aircraft leasing’s muted correlation profile** with broader market beta provides potential portfolio diversification

As of 30 June 2023.

<sup>1</sup>Post-COVID represents the period following March 20, 2020 through 30 June 2023.

<sup>2</sup>**There is no assurance that the opportunities identified herein will materialize.** The foregoing are only estimates of potential opportunities for illustrative purposes only. There can be no assurance that current financing or delivery trends will continue and there can be no assurance that the above will even be consummated, and if so, result in investment opportunities for the Fund. Opportunities are also subject to change based on changes in aircraft delivery schedules, including terminations and deferrals agreed between the OEMs and air carriers, and subject to alternative financing sources being utilized, such as export credit agencies, EETCs and other financing alternatives.

**Diversification does not ensure against loss.** There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

Refer to Disclaimers for additional investment strategy and risk information

# Distinct expertise creates a powerful integrated approach to aviation finance

P I M C O

HIGH RIDGE  
AVIATION

## Deep Experience

- One of the largest asset managers in commercial aircraft debt and equity across public and private markets
- Total PIMCO aviation exposure > \$16bn and 110+ aircraft purchased\*
- Dedicated aviation finance committee with specialized underwriting expertise

- Full-service platform supports active management through the aircraft's complete lifecycle, including origination, underwriting, structuring, servicing, disposition, and syndication capabilities
- Former GECAS C-suite and senior leadership team with has 20+ years' average of experience in aircraft leasing and financing

## Differentiated Access

- Global access to airlines, lessors, OEMs, banks, investors, and airline counterparty experts
- Broad relationships with C-suite aviation executives
- Relationships with banks may help procure attractive financing terms

- Targeted ~\$1.1bn seed + ~\$3bn+ pipeline of commercial aircraft assets and building with an experienced team in place
- On-the-ground presence in the U.S., Europe, Middle East and Asia to service global aviation customer base
- Existing, trusted relationships in place with airlines, OEMs, financial investors, and lessors

As of 30 June 2023, unless otherwise noted. Source: PIMCO / HRA

\*Aviation exposure and aircraft purchased data is as of December 31, 2022.

There is no guarantee that PIMCO and HRA will close the Fund or that the Fund's final terms will reflect the above points.

There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

Refer to Disclaimers for additional investment strategy and risk information.

# High Ridge Aviation: A premier aviation finance platform with deep domain expertise

## Range of financing products and services

Focus for PIMCO Aviation  
Income Partners II



### 1. Operating Leases

- Operating leases provide airlines the fleet flexibility to better manage through business cycles, eliminate residual value and asset disposal risk, and preserve working capital



### 2. Finance Leases

- Long-term finance leases allow airlines to achieve higher levels of liquidity raise and financing at competitive rates while retaining ownership of the asset



### 3. Sale Leasebacks

- Buy aircraft or engines and seamlessly lease them back to airlines for an agreed term, releasing equity for other business needs and eliminating residual value risk



### 4. Asset Trading, Portfolio Acquisitions and Servicing

- Offers operators and investors the opportunity to purchase individual aircraft and aircraft portfolios or platforms, with or without existing leases attached



### 5. Aviation Finance - LR AirFinance (LRA)

- Provide and arrange asset-based financing for commercial aircraft and engines, serving airlines, aircraft traders, lessors, investors, financial institutions, and manufacturers

## Timeline of platform formation

### Jan 2022 – Oct 2022

- Former GECAS executives opted to form a new aviation platform vs. joining senior teams of competitor lessors
- PIMCO's Aviation Finance Group remained in close contact with the key executives from GECAS and developed a new aviation finance platform – HRA, to acquire commercial aircraft and LRA to originate aviation-backed loans<sup>1</sup>

### November 2022

- HRA Operating Company (“OpCo”) officially launched with various PIMCO private funds as majority equity investors
- Offering airlines and aircraft lessor customers a complete aviation finance solution – i.e., plans to purchase, finance, manage and sell aircraft on long-term leases

### H1 2023

- HRA OpCo is actively building a pipeline of financing opportunities with existing network of airlines, trading counterparties, OEMs, etc.
- Platform began deploying capital in H1 2023
- Aiming to deploy \$6bn over the next 5 years

As of 30 June 2023, Source: PIMCO / HRA

**There is no guarantee that PIMCO and HRA will close the Fund or that the Fund's final terms will reflect the above points. This investment summary has been simplified for illustrative purposes.**

There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

<sup>1</sup>Aviation-backed loans are not part of AIP II investment strategies and will be funded by other PIMCO-managed capital

Refer to Disclaimers for additional investment strategy and risk information.

# PIMCO AIP II may provide differentiated value proposition to investors

Challenges for Existing Aviation Investors	AIP II Differentiator	Potential Benefits for Investors
100% blind pool risk	<ul style="list-style-type: none"> <li>• <b>Full scale, top-tier management team</b> experienced in originating and managing aviation assets with global coverage and target ~\$1.1bn+ seed portfolio + ~\$3bn+ actionable pipeline<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Minimal ramp-up risk</b> with diversified seed portfolio</li> </ul>
Legacy stressed assets	<ul style="list-style-type: none"> <li>• <b>No existing exposure and/or ongoing operational distractions or workouts</b>, including no problematic geographic exposures</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Clean balance sheet</b> focused on originating solutions vs. working out legacy issues</li> </ul>
Platform lacks flexible financing solutions to offer airlines or lessors	<ul style="list-style-type: none"> <li>• <b>HRA's one-stop financing strategy offers a complete financing solution</b> for our customers</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Synergistic sourcing advantage</b> vs. competition</li> </ul>
One-size-fits-all balance sheet-heavy model	<ul style="list-style-type: none"> <li>• <b>HRA can source across the risk/return spectrum</b> and assign the right assets to the appropriate investor vs. single-balance sheet / cost-of-capital models</li> </ul>	<ul style="list-style-type: none"> <li>➤ Allows strategy to be <b>nimble and scale where value migrates</b> through the cycle</li> </ul>
Single layer of investment vetting	<ul style="list-style-type: none"> <li>• <b>PIMCO Aircraft Finance Group</b>, which oversees one of the largest portfolios of aviation-backed assets globally, must approve and underwrite all material aircraft purchases and sales</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Additional level of investment rigor</b> to help deliver on strategy</li> </ul>
Alignment between manager and operating partner	<ul style="list-style-type: none"> <li>• <b>Proper alignment of incentives</b> for PIMCO private funds and HRA with fees largely performance-based</li> <li>• <b>HRA principals and PIMCO PMs will invest capital</b> in vehicle</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Attractive alignment</b> across HRA, PIMCO, and investors</li> </ul>
Siloed view of aviation markets	<ul style="list-style-type: none"> <li>• <b>Tap into PIMCO's \$1.79tn infrastructure<sup>2</sup></b>, including credit research, financing team, relative value discipline across asset classes</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Seek to optimize returns and prioritize investment discipline</b> while others may be forced to deploy capital or may be forced out of the market</li> </ul>

As of 30 June 2023, Source: PIMCO / HRA

<sup>1</sup>There is no assurance that the opportunities identified herein will materialize. The foregoing are only estimates of potential opportunities for illustrative purposes only. There can be no assurance that current financing or delivery trends will continue and there can be no assurance that the above will even be consummated, and if so, result in investment opportunities for the Fund. Opportunities are also subject to change based on changes in aircraft delivery schedules, including terminations and deferrals agreed between the OEMs and air carriers, and subject to alternative financing sources being utilized, such as export credit agencies, EETCs and other financing alternatives.

<sup>2</sup>PIMCO manages \$1.79 trillion in assets, including \$1.42 trillion in third-party client assets as of 30 June 2023. Assets include \$84.9 billion (as of 31 March 2023) in assets managed by PIMCO Prime Real Estate (formerly Allianz Real Estate), an affiliate and wholly-owned subsidiary of PIMCO and PIMCO Europe GmbH that includes PIMCO Prime Real Estate GmbH, PIMCO Prime Real Estate LLC and their subsidiaries and affiliates. PIMCO Prime Real Estate LLC investment professionals provide investment management and other services as dual personnel through Pacific Investment Management Company LLC. PIMCO Prime Real Estate GmbH operates separately from PIMCO.

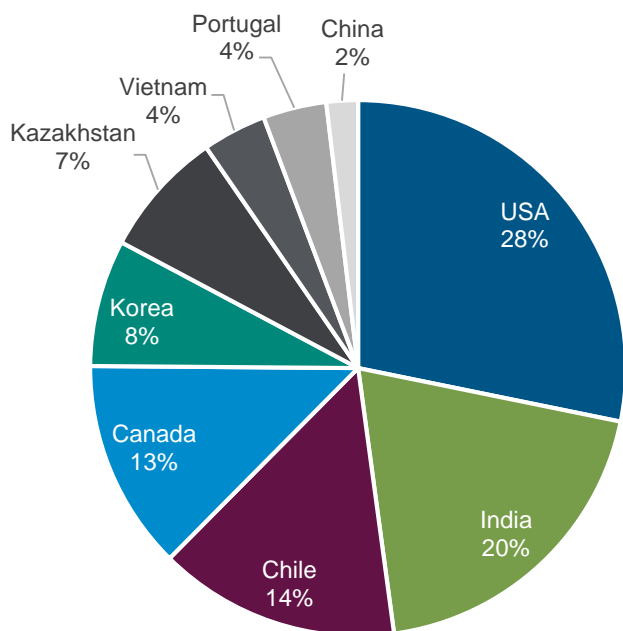
There is no guarantee that PIMCO and HRA will close the Fund or that the Fund's final terms will reflect the above points.

There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

# Current Target Seed Portfolio

~\$1.1bn of high-probability, near-term commercial aircraft seed portfolio at unlevered yields of ~9% / levered yields of ~15%

## Seed Country Exposure



Airline/Lessor	Assets	Unlevered Yield (%)	Levered Yield (%)	Total Aircraft	Size (\$mm)
<b>Awarded</b>					
Lessor trade #1	71% new-tech NB 29% current-generation NB	10	18	8	350
Asian LCC	5x A320neos	8	14	5	255
North American LCC	3x A321neos	7	11	3	185
South American carrier	3x A320neos	8	13	3	140
Lessor trade #2	1x B787-9	9	16	1	115
Lessor trade #4	1x B737MAX8	9	17	1	50
Lessor trade #5	1x B737-800	12	18	1	25
<b>Total</b>		<b>~9%</b>	<b>~15%</b>	<b>22x</b>	<b>~\$1,120</b>

As of 2 October 2023. Source: PIMCO / HRA

NB: Narrowbody, LCC: Low cost carrier

**There is no assurance that the opportunities identified herein will materialize.** The foregoing are only estimates of potential opportunities for illustrative purposes only. There can be no assurance that current financing or delivery trends will continue and there can be no assurance that the above will even be consummated, and if so, result in investment opportunities for the Fund. Opportunities are also subject to change based on changes in aircraft delivery schedules, including terminations and deferrals agreed between the OEMs and air carriers, and subject to alternative financing sources being utilized, such as export credit agencies, EETCs and other financing alternatives. Prospective investors should carefully consider the information presented and its relevance, or lack thereof, to their decision to invest.

# PIMCO's aviation finance footprint spans across liquid to illiquid markets

PIMCO is one of the largest participants in aviation markets (\$16bn+<sup>1</sup>) globally providing flexible capital across public/private financings (aircraft ABS, EETC, direct loans, equity joint ventures, platform investments, E-notes, etc.) for over 50 years

Expanding PIMCO's capabilities across asset types

	Aircraft ABS / Aviation Loans	E-Notes / Metal Assets	Platform Equity	Mid-Life SLB	New SLB	High Ridge Aviation
<b>Example transactions</b>	<ul style="list-style-type: none"> <li>• Various ABS</li> <li>• EETCs</li> <li>• Individual airline or lessor loans and / or loan portfolios</li> </ul>	<ul style="list-style-type: none"> <li>• Falcon 2017-1</li> <li>• AASET 2019-1</li> <li>• Raven</li> </ul>	Sub-debt equitized into preferred equity	<ul style="list-style-type: none"> <li>• SLB Deal I</li> <li>• SLB Deal II</li> </ul>	PLB strategy fund	Launching in Q2 2023
<b>Initial investment date</b>	1971	2017	2021	2019	2021	2023
<b>Target assets</b>	Debt	Mid-life aircraft	Platform equity	Mid-life aircraft SLB	New SLB aircraft	New and mid-life aircraft and aviation loans

As of 30 June 2023, unless otherwise noted. Source: PIMCO

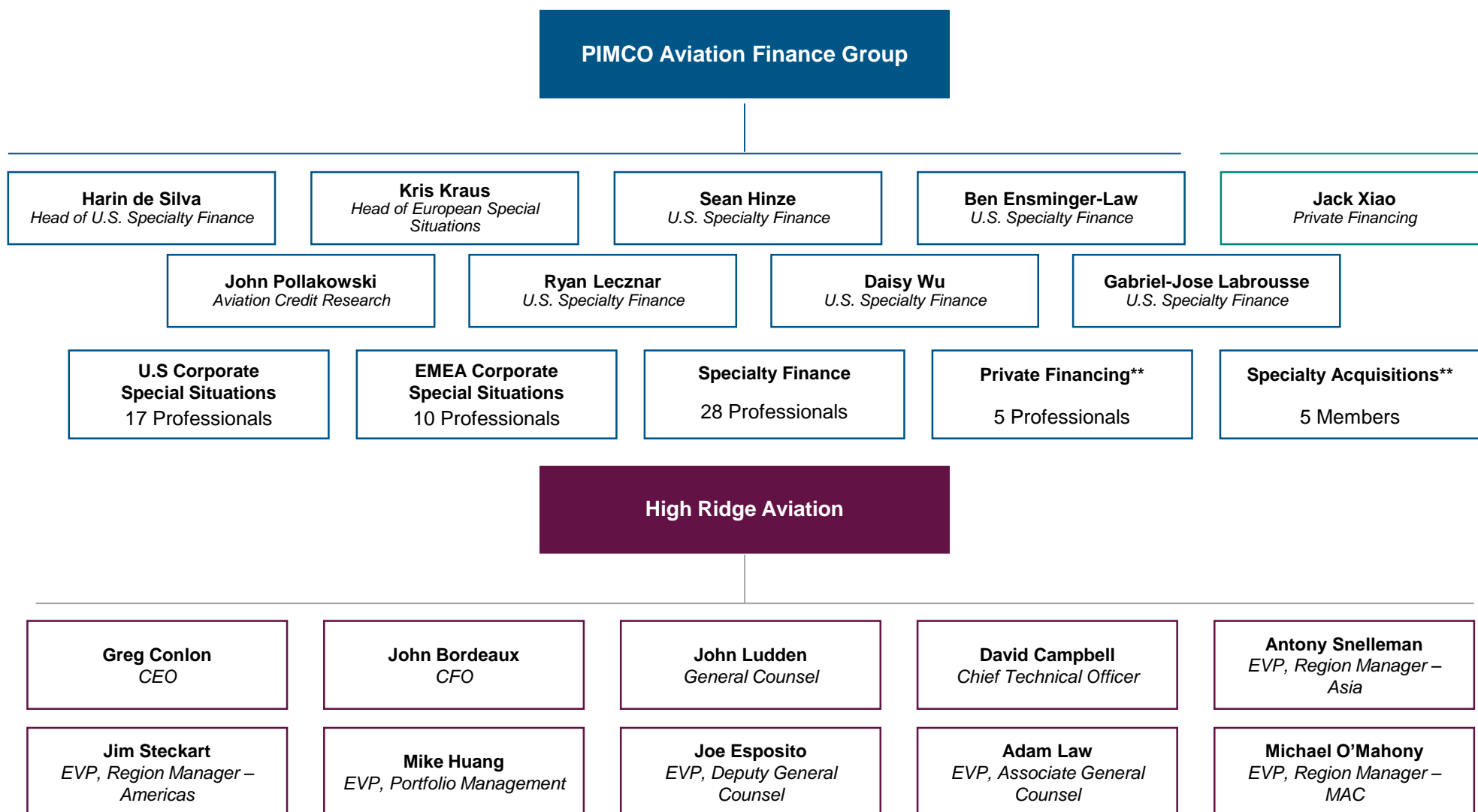
<sup>1</sup>Aviation AUM is as of December 31, 2022.

There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

\*Value represents PIMCO exposure across enhanced equipment trust certificates ("EETC"), aircraft ABS and other bespoke aviation debt, excluding public lessor debt (secured and unsecured)

Refer to Disclaimers for additional portfolio structure, investment strategy and risk information.

# PIMCO & High Ridge Aviation Leadership Teams



As of 30 June 2023

\*\*The individuals listed in these categories are also included in other teams, and so should not be counted here when totaling the number of Alternative Credit & Private Strategies portfolio management professionals employed at PIMCO. The above personnel are subject to change, and PIMCO may cease to have the committee described above, at any time without notice. In addition, the individuals listed above may not continue to be employed by PIMCO or HRA during the entire term of the Fund, or may cease to work on the Fund.



# Preliminary Key Terms

<b>Aggregate Capital Raise<sup>1</sup></b>	\$500 million in aggregate; \$250-300+ million from third party co-investors
<b>Target Return<sup>2</sup></b>	~15% IRR, net of all fees and expenses
<b>Target Distributions<sup>3</sup></b>	Aims to distribute quarterly income directly after investment period
<b>Fund Structure</b>	Drawdown, vintage structure
<b>Investment Period</b>	Eighteen months with ability to extend by one year at GP's discretion
<b>Term</b>	5 years from the final closing date with two possible 18-month extensions in the GP's discretion

As of 30 June 2023.

There is no assurance that the opportunities identified herein will materialize or that any portfolio or strategy will achieve its investment objectives and provide any level of returns.

<sup>1</sup> There can be no guarantee that PIMCO Aviation Income Partners II will achieve its fundraising goals which could affect its ability to implement its objectives.

<sup>2</sup> **The Target Return ("Target Return") is not a guarantee, projection or prediction of future results of the Fund. Actual results may vary significantly from the Target Return.**

<sup>3</sup> **The Target Distributions are not a guarantee, projection or prediction of future results of the Fund. Actual results may vary significantly from the Target Distributions.**

This information is summary in nature and is no way complete, and these terms have been simplified for illustrative purposes and may change materially at any time without notice. In particular, this information omits certain important details about the stated terms, and does not address certain other key fund terms or represent a complete list of all fund terms. If you express an interest in investing in this Fund, you will be provided with a limited partnership agreement, subscription agreement, and other definitive legal documents (collectively, the "Fund Documents"), which shall govern in the event of any conflict with the general terms listed in this material. You must rely only on the information contained in the Fund Documents in making any decision to invest.

# Disclaimers

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The information contained in this material ("Material") is being provided to assist interested parties in evaluating a potential investment in a Fund (the "Fund") and does not purport to contain all information that a prospective investor may desire or that may be required in order to properly evaluate the Fund. In all cases, interested parties should conduct their own investigation and analysis of the Fund and the data set forth in this Material. None of Pacific Investment Management Company LLC ("PIMCO") and its affiliates and employees, officers and directors (collectively, the "Relevant Parties"), expects to (or shall have any duty to) update or otherwise revise this Material.

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The Fund has not been and will not be registered as an investment company under the U.S. Investment Company Act of 1940, as amended. The proposed Fund is not subject to the same regulatory requirements as such funds. Any investment in the Fund will entail substantial risks. The Fund is expected to be leveraged and to engage in speculative investment practices that will increase the risk of investment loss. The Fund performance could be volatile; an investor could lose all or a substantial amount of its investment. The manager of the Fund will have broad trading authority over the Fund. The use of a single adviser applying generally similar trading programs could mean lack of diversification and, consequently, higher risk. There is no secondary market for the Fund interest and none is expected to develop. There will be restrictions on transferring interests in the Fund and limited liquidity provisions. The Fund fees and expenses will reduce, and could exceed, any offset its trading profits. The Fund will not be required to provide periodic pricing or valuation information to investors. The Fund will involve complex tax structures and there may be delays in distributing important tax information. A substantial portion of the trades executed for certain Fund is in non-U.S. securities and take place on non-U.S. exchanges.

No assurance can be given that the Investment Opportunity or Fund's investment objective will be achieved or that investors will receive any return on, or any return of, their capital. In considering the performance information contained herein, prospective investors should bear in mind that past performance is not indicative of future results, and there can be no assurance that the Fund will achieve comparable results.

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# Disclaimers

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The foregoing is only a description of certain key risks, and is not a complete enumeration of all risks to which the Fund will be subject. Each Fund will be subject to numerous other risks not described herein. Prospective investors must carefully review the Documents (including, without limitation, the risk factors contained in the Fund's Documents) prior to making any investment decision.

A purchase of interests in any private placement involves a high degree of risk that each prospective investor must carefully consider prior to making such an investment. Investors should thoroughly review the investment considerations and risk factors section of the Fund Documents for a more complete description of these risks. Prospective investors are advised that investment in the Fund is appropriate only for persons of adequate financial means who have no need for liquidity with respect to their investment and who can bear the economic risk, including the possible complete loss, of their investment.

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# Disclaimers

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**VCERA**  
VENTURA COUNTY EMPLOYEES'  
RETIREMENT ASSOCIATION

# MONTHLY PERFORMANCE REPORT

VENTURA COUNTY EMPLOYEES'  
RETIREMENT ASSOCIATION

SEPTEMBER 30, 2023

Allan Martin, Partner  
Rose Dean, CFA, Principal  
Leah Tongco, Consulting Analyst



# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)									
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date	
<b>Total Fund</b>	<b>7,431,631,872</b>	<b>100.0</b>	<b>100.0</b>	<b>-2.6</b>	<b>-2.1</b>	<b>5.6</b>	<b>11.6</b>	<b>7.3</b>	<b>6.8</b>	<b>7.3</b>	<b>7.9</b>	<b>Apr-94</b>	
<i>Policy Index</i>				<u>-3.2</u>	<u>-2.3</u>	<u>7.8</u>	<u>14.7</u>	<u>6.3</u>	<u>6.7</u>	<u>7.4</u>	<u>7.9</u>		
Over/Under				0.6	0.2	-2.2	-3.1	1.0	0.1	-0.1	0.0		
<i>60% MSCI ACWI (Net)/ 40% Bloomberg Global Agg</i>				<u>-3.6</u>	<u>-3.5</u>	<u>5.1</u>	<u>13.2</u>	<u>1.3</u>	<u>3.4</u>	<u>4.5</u>	-		
Over/Under				1.0	1.4	0.5	-1.6	6.0	3.4	2.8	-		
<i>60% S&amp;P 500 / 40% Bloomberg Aggregate</i>				<u>-3.9</u>	<u>-3.2</u>	<u>7.2</u>	<u>13.0</u>	<u>4.0</u>	<u>6.3</u>	<u>7.7</u>	<u>8.0</u>		
Over/Under				1.3	1.1	-1.6	-1.4	3.3	0.5	-0.4	-0.1		
<b>Total Fund ex Parametric</b>	<b>7,393,997,378</b>	<b>99.5</b>	<b>100.0</b>	<b>-2.6</b>	<b>-2.0</b>	<b>5.5</b>	<b>11.0</b>	<b>7.5</b>	<b>6.8</b>	<b>-</b>	<b>7.2</b>	<b>Nov-13</b>	
<b>Total US Equity</b>	<b>2,010,117,488</b>	<b>27.0</b>	<b>26.0</b>	<b>-4.8</b>	<b>-3.3</b>	<b>12.6</b>	<b>20.8</b>	<b>9.4</b>	<b>9.3</b>	<b>11.4</b>	<b>9.5</b>	<b>Jan-94</b>	
<i>Russell 3000</i>				<u>-4.8</u>	<u>-3.3</u>	<u>12.4</u>	<u>20.5</u>	<u>9.4</u>	<u>9.1</u>	<u>11.0</u>	<u>9.7</u>		
Over/Under				0.0	0.0	0.2	0.3	0.0	0.2	0.4	-0.2		
Western U.S. Index Plus	178,874,721	2.4		-5.4	-3.9	13.2	22.1	9.1	9.1	11.8	7.3	Jun-07	
<i>S&amp;P 500 Index</i>				<u>-4.8</u>	<u>-3.3</u>	<u>13.1</u>	<u>21.6</u>	<u>10.2</u>	<u>9.9</u>	<u>11.9</u>	<u>8.7</u>		
Over/Under				-0.6	-0.6	0.1	0.5	-1.1	-0.8	-0.1	-1.4		
Blackrock Russell 1000 Index	1,746,312,172	23.5		-4.7	-3.1	13.0	21.2	9.5	9.6	-	11.3	May-17	
<i>Russell 1000 Index</i>				<u>-4.7</u>	<u>-3.1</u>	<u>13.0</u>	<u>21.2</u>	<u>9.5</u>	<u>9.6</u>	<u>-</u>	<u>11.3</u>		
Over/Under				0.0	0.0	0.0	0.0	0.0	0.0	-	0.0		
Blackrock Russell 2500 Index	84,930,595	1.1		-5.6	-4.8	3.7	11.4	8.5	4.6	-	7.0	May-17	
<i>Russell 2500 Index</i>				<u>-5.6</u>	<u>-4.8</u>	<u>3.6</u>	<u>11.3</u>	<u>8.4</u>	<u>4.5</u>	<u>-</u>	<u>7.0</u>		
Over/Under				0.0	0.0	0.1	0.1	0.1	0.1	-	0.0		

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)									Inception Date
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)		
<b>Total Non-US Equity</b>	<b>1,051,825,070</b>	<b>14.2</b>	<b>15.0</b>	<b>-4.2</b>	<b>-5.9</b>	<b>5.2</b>	<b>20.5</b>	<b>3.7</b>	<b>2.3</b>	<b>3.5</b>	<b>5.8</b>	<b>Mar-94</b>	
MSCI ACWI ex USA				<u>-3.2</u>	<u>-3.8</u>	<u>5.3</u>	<u>20.4</u>	<u>3.7</u>	<u>2.6</u>	<u>3.3</u>	<u>4.8</u>		
Over/Under				-1.0	-2.1	-0.1	0.1	0.0	-0.3	0.2	1.0		
BlackRock ACWI ex-U.S. Index	546,657,424	7.4		-3.2	-3.5	5.5	20.4	4.0	2.8	3.7	2.8	Apr-07	
MSCI AC World ex USA IMI (Net)				<u>-3.2</u>	<u>-3.5</u>	<u>5.3</u>	<u>20.2</u>	<u>3.8</u>	<u>2.6</u>	<u>3.5</u>	<u>2.6</u>		
Over/Under				0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2		
Sprucegrove	253,781,967	3.4		-4.0	-6.0	6.3	23.2	7.6	1.6	3.3	6.2	Apr-02	
MSCI EAFE (Net)				<u>-3.4</u>	<u>-4.1</u>	<u>7.1</u>	<u>25.6</u>	<u>5.8</u>	<u>3.2</u>	<u>3.8</u>	<u>5.4</u>		
Over/Under				-0.6	-1.9	-0.8	-2.4	1.8	-1.6	-0.5	0.8		
MSCI EAFE Value Index (Net)				<u>-0.8</u>	<u>0.6</u>	<u>9.9</u>	<u>31.5</u>	<u>11.1</u>	<u>2.8</u>	<u>3.0</u>	<u>5.1</u>		
Over/Under				-3.2	-6.6	-3.6	-8.3	-3.5	-1.2	0.3	1.1		
Walter Scott	251,385,679	3.4		-6.5	-10.4	3.6	18.1	-0.2	4.4	5.2	5.5	Jan-11	
MSCI EAFE (Net)				<u>-3.4</u>	<u>-4.1</u>	<u>7.1</u>	<u>25.6</u>	<u>5.8</u>	<u>3.2</u>	<u>3.8</u>	<u>4.5</u>		
Over/Under				-3.1	-6.3	-3.5	-7.5	-6.0	1.2	1.4	1.0		
MSCI EAFE Growth Index				<u>-6.0</u>	<u>-8.6</u>	<u>4.6</u>	<u>20.4</u>	<u>0.7</u>	<u>3.6</u>	<u>4.8</u>	<u>5.3</u>		
Over/Under				-0.5	-1.8	-1.0	-2.3	-0.9	0.8	0.4	0.2		
<b>Total Global Equity</b>	<b>729,055,931</b>	<b>9.8</b>	<b>9.0</b>	<b>-4.1</b>	<b>-3.3</b>	<b>10.4</b>	<b>21.3</b>	<b>7.3</b>	<b>6.9</b>	<b>7.5</b>	<b>6.5</b>	<b>May-05</b>	
MSCI AC World Index (Net)				<u>-4.1</u>	<u>-3.4</u>	<u>10.1</u>	<u>20.8</u>	<u>6.9</u>	<u>6.5</u>	<u>7.6</u>	<u>7.0</u>		
Over/Under				0.0	0.1	0.3	0.5	0.4	0.4	-0.1	-0.5		
BlackRock MSCI ACWI Equity Index	729,055,931	9.8		-4.1	-3.3	10.4	21.2	7.3	6.8	8.0	9.2	Aug-12	
MSCI AC World Index (Net)				<u>-4.1</u>	<u>-3.4</u>	<u>10.1</u>	<u>20.8</u>	<u>6.9</u>	<u>6.5</u>	<u>7.6</u>	<u>8.8</u>		
Over/Under				0.0	0.1	0.3	0.4	0.4	0.3	0.4	0.4		
<b>Total Private Equity</b>	<b>1,371,975,637</b>	<b>18.5</b>	<b>18.0</b>	<b>0.2</b>	<b>0.7</b>	<b>-0.2</b>	<b>0.7</b>	<b>21.9</b>	<b>17.0</b>	<b>16.3</b>	<b>15.8</b>	<b>Jan-12</b>	
Private Equity Benchmark				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.8</u>	<u>11.9</u>	<u>14.4</u>	<u>15.9</u>		
Over/Under				4.8	3.5	-14.3	-22.2	10.1	5.1	1.9	-0.1		

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
<b>US Fixed Income</b>	<b>672,249,851</b>	<b>9.0</b>	<b>8.0</b>	<b>-2.3</b>	<b>-2.3</b>	<b>0.6</b>	<b>3.6</b>	<b>-2.8</b>	<b>1.7</b>	<b>2.1</b>	<b>5.0</b>	<b>Mar-94</b>
<i>Blmbg. U.S. Aggregate Index</i>				<u>-2.5</u>	<u>-3.2</u>	<u>-1.2</u>	<u>0.6</u>	<u>-5.2</u>	<u>0.1</u>	<u>1.1</u>	<u>4.3</u>	
Over/Under				0.2	0.9	1.8	3.0	2.4	1.6	1.0	0.7	
BlackRock U.S. Debt Fund	152,096,852	2.0		-2.5	-3.2	-1.0	0.7	-5.2	0.1	1.2	4.1	Dec-95
<i>Blmbg. U.S. Aggregate Index</i>				<u>-2.5</u>	<u>-3.2</u>	<u>-1.2</u>	<u>0.6</u>	<u>-5.2</u>	<u>0.1</u>	<u>1.1</u>	<u>4.0</u>	
Over/Under				0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.1	
Western	182,393,347	2.5		-3.2	-3.8	-1.0	0.9	-5.8	0.4	1.8	4.8	Jan-97
<i>Blmbg. U.S. Aggregate Index</i>				<u>-2.5</u>	<u>-3.2</u>	<u>-1.2</u>	<u>0.6</u>	<u>-5.2</u>	<u>0.1</u>	<u>1.1</u>	<u>4.0</u>	
Over/Under				-0.7	-0.6	0.2	0.3	-0.6	0.3	0.7	0.8	
Reams	207,328,453	2.8		-2.0	-1.2	2.6	7.3	0.3	3.4	2.3	4.7	Oct-01
<i>Blmbg. U.S. Aggregate Index</i>				<u>-2.5</u>	<u>-3.2</u>	<u>-1.2</u>	<u>0.6</u>	<u>-5.2</u>	<u>0.1</u>	<u>1.1</u>	<u>3.2</u>	
Over/Under				0.5	2.0	3.8	6.7	5.5	3.3	1.2	1.5	
<i>Reams Custom Index</i>				<u>0.4</u>	<u>1.3</u>	<u>3.7</u>	<u>4.6</u>	<u>1.7</u>	<u>1.9</u>	<u>1.3</u>	<u>3.4</u>	
Over/Under				-2.4	-2.5	-1.1	2.7	-1.4	1.5	1.0	1.3	
Loomis Strategic Alpha	47,229,860	0.6		-0.3	1.2	3.2	5.4	0.3	2.0	2.4	2.3	Aug-13
<i>Blmbg. U.S. Aggregate Index</i>				<u>-2.5</u>	<u>-3.2</u>	<u>-1.2</u>	<u>0.6</u>	<u>-5.2</u>	<u>0.1</u>	<u>1.1</u>	<u>1.2</u>	
Over/Under				2.2	4.4	4.4	4.8	5.5	1.9	1.3	1.1	
Loomis Sayles Multi Strategy	83,201,338	1.1		-1.8	-1.5	1.1	3.7	-1.8	2.2	3.3	5.1	Aug-05
<i>5% Bmbg. U.S. Int Agg / 65% Blmbg. U.S. Agg / 30% FTSE HY</i>				<u>-2.1</u>	<u>-2.0</u>	<u>1.0</u>	<u>3.6</u>	<u>-3.0</u>	<u>1.0</u>	<u>2.0</u>	<u>3.8</u>	
Over/Under				0.3	0.5	0.1	0.1	1.2	1.2	1.3	1.3	
<b>Treasuries</b>	<b>73,229,342</b>	<b>1.0</b>	<b>2.0</b>	<b>-2.2</b>	<b>-3.0</b>	<b>-1.4</b>	<b>-1.3</b>	<b>-8.0</b>	<b>-</b>	<b>-</b>	<b>-1.6</b>	<b>Apr-19</b>
<i>Blmbg. U.S. Treasury: 7-10 Year</i>				<u>-3.1</u>	<u>-4.4</u>	<u>-2.9</u>	<u>-1.9</u>	<u>-7.5</u>	<u>-</u>	<u>-</u>	<u>-1.6</u>	
Over/Under				0.9	1.4	1.5	0.6	-0.5	-	-	0.0	
Reams 10-Year Treasuries	73,229,342	1.0		-2.2	-3.0	-1.4	-1.3	-8.0	-	-	-1.6	Apr-19
<i>Blmbg. U.S. Treasury: 7-10 Year</i>				<u>-3.1</u>	<u>-4.4</u>	<u>-2.9</u>	<u>-1.9</u>	<u>-7.5</u>	<u>-</u>	<u>-</u>	<u>-1.6</u>	
Over/Under				0.9	1.4	1.5	0.6	-0.5	-	-	0.0	
<b>Private Credit</b>	<b>514,107,968</b>	<b>6.9</b>	<b>8.0</b>	<b>0.6</b>	<b>2.0</b>	<b>7.5</b>	<b>8.5</b>	<b>12.3</b>	<b>8.6</b>	<b>-</b>	<b>8.1</b>	<b>Jan-18</b>
<i>50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index</i>				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	<u>4.5</u>	<u>-</u>	<u>4.7</u>	
Over/Under				0.8	0.2	0.0	-2.6	8.3	4.1	-	3.4	



# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)									Inception Date
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)		
<b>Total Real Estate</b>	<b>535,544,533</b>	<b>7.2</b>	<b>8.0</b>	<b>0.0</b>	<b>0.4</b>	<b>-5.6</b>	<b>-10.1</b>	<b>6.0</b>	<b>3.6</b>	<b>6.2</b>	<b>7.1</b>	<b>Apr-94</b>	
NCREIF ODCE Net				<u>0.0</u>	<u>0.0</u>	<u>-6.2</u>	<u>-11.0</u>	<u>6.9</u>	<u>5.2</u>	<u>7.4</u>	<u>7.6</u>		
Over/Under				0.0	0.4	0.6	0.9	-0.9	-1.6	-1.2	-0.5		
Prudential Real Estate	208,742,745	2.8		0.0	0.0	-3.7	-9.2	7.7	6.3	8.3	6.3	Jul-04	
NCREIF ODCE Net				<u>0.0</u>	<u>0.0</u>	<u>-6.2</u>	<u>-11.0</u>	<u>6.9</u>	<u>5.2</u>	<u>7.4</u>	<u>6.6</u>		
Over/Under				0.0	0.0	2.5	1.8	0.8	1.1	0.9	-0.3		
UBS Real Estate	222,579,482	3.0		0.0	0.0	-10.4	-15.2	2.2	0.5	4.2	5.6	Apr-03	
NCREIF ODCE Net				<u>0.0</u>	<u>0.0</u>	<u>-6.2</u>	<u>-11.0</u>	<u>6.9</u>	<u>5.2</u>	<u>7.4</u>	<u>6.8</u>		
Over/Under				0.0	0.0	-4.2	-4.2	-4.7	-4.7	-3.2	-1.2		
LaSalle Income + Growth VIII Limited Partnership	66,921,682	0.9		0.0	0.4	0.7	2.4	18.8	-	-	11.1	Mar-20	
NCREIF ODCE Net				<u>0.0</u>	<u>0.0</u>	<u>-6.2</u>	<u>-11.0</u>	<u>6.9</u>	-	-	<u>5.6</u>		
Over/Under				0.0	0.4	6.9	13.4	11.9	-	-	5.5		
Alterra IOS Venture II	37,300,624	0.5		0.0	5.7	10.9	9.4	-	-	-	3.6	May-22	
NCREIF ODCE Net				<u>0.0</u>	<u>0.0</u>	<u>-6.2</u>	<u>-11.0</u>	-	-	-	<u>-4.8</u>		
Over/Under				0.0	5.7	17.1	20.4	-	-	-	8.4		
<b>Total Real Assets</b>	<b>362,722,762</b>	<b>4.9</b>	<b>6.0</b>	<b>-1.2</b>	<b>1.8</b>	<b>8.4</b>	<b>14.7</b>	<b>7.9</b>	<b>3.7</b>	<b>3.6</b>	<b>4.1</b>	<b>May-13</b>	
Real Assets Index				<u>0.4</u>	<u>1.4</u>	<u>5.3</u>	<u>5.8</u>	<u>7.9</u>	<u>6.4</u>	<u>6.6</u>	<u>6.4</u>		
Over/Under				-1.6	0.4	3.1	8.9	0.0	-2.7	-3.0	-2.3		
Bridgewater All Weather Fund	108,233,730	1.5		-4.7	-4.4	-0.2	6.9	-1.9	1.3	2.8	3.0	Sep-13	
CPI + 5% (Unadjusted)				<u>0.7</u>	<u>2.1</u>	<u>7.6</u>	<u>8.9</u>	<u>11.0</u>	<u>9.2</u>	<u>7.9</u>	<u>7.9</u>		
Over/Under				-5.4	-6.5	-7.8	-2.0	-12.9	-7.9	-5.1	-4.9		
Tortoise Energy Infrastructure	125,132,548	1.7		0.6	7.4	14.5	25.6	38.8	6.2	3.6	3.8	May-13	
Tortoise MLP Index				<u>3.2</u>	<u>10.4</u>	<u>18.0</u>	<u>28.8</u>	<u>39.9</u>	<u>7.1</u>	<u>2.3</u>	<u>2.3</u>		
Over/Under				-2.6	-3.0	-3.5	-3.2	-1.1	-0.9	1.3	1.5		
Brookfield Infra Fund IV B LP	50,512,913	0.7		0.0	4.7	11.7	7.2	14.0	-	-	10.1	Apr-20	
CPI + 2% (Unadjusted)				<u>0.4</u>	<u>1.4</u>	<u>5.3</u>	<u>5.8</u>	<u>7.9</u>	-	-	<u>7.3</u>		
Over/Under				-0.4	3.3	6.4	1.4	6.1	-	-	2.8		
Brookfield Infra Fund V B LP	12,456,693	0.2		0.0	0.0	-	-	-	-	-	0.0	Jun-23	
CPI + 2% (Unadjusted)				<u>0.4</u>	<u>1.4</u>	-	-	-	-	-	<u>1.9</u>		
Over/Under				-0.4	-1.4	-	-	-	-	-	-1.9		
Harbourvest Real Assets Fund IV L.P.	66,386,878	0.9		0.0	0.6	11.7	18.3	-	-	-	33.0	Apr-21	
CPI + 2% (Unadjusted)				<u>0.4</u>	<u>1.4</u>	<u>5.3</u>	<u>5.8</u>	-	-	-	<u>8.3</u>		
Over/Under				-0.4	-0.8	6.4	12.5	-	-	-	24.7		
<b>Overlay</b>	<b>110,803,290</b>	<b>1.5</b>	<b>0.0</b>										
Parametric	37,634,494	0.5											
Abbott Capital Cash	73,168,796	1.0											

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
<b>Total Private Equity</b>	<b>1,371,975,637</b>	<b>18.5</b>	<b>18.0</b>	<b>0.2</b>	<b>0.7</b>	<b>-0.2</b>	<b>0.7</b>	<b>21.9</b>	<b>17.0</b>	<b>16.3</b>	<b>15.8</b>	<b>Jan-12</b>
Private Equity Benchmark				-4.6	-2.8	14.1	22.9	11.8	11.9	14.4	15.9	
Over/Under				4.8	3.5	-14.3	-22.2	10.1	5.1	1.9	-0.1	
Adams Street Global Fund Series	247,374,445	3.3		0.0	0.0	-1.8	-2.6	19.6	16.2	14.9	14.7	Jan-12
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	13.5	15.0	
Over/Under				4.6	2.8	-15.9	-25.5	8.0	4.9	1.4	-0.3	
Harbourvest	109,562,605	1.5		0.0	0.0	3.4	27.6	18.6	13.4	17.2	16.9	Aug-13
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	13.5	13.4	
Over/Under				4.6	2.8	-10.7	4.7	7.0	2.1	3.7	3.5	
Pantheon Global Secondary Funds	57,934,186	0.8		0.0	0.0	-0.9	4.1	16.8	9.6	12.7	11.8	Jan-12
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	13.5	15.0	
Over/Under				4.6	2.8	-15.0	-18.8	5.2	-1.7	-0.8	-3.2	
Drive Capital Fund II	14,719,640	0.2		-1.7	-1.7	-50.5	-50.3	-8.8	5.1	-	-7.1	Sep-16
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	13.8	
Over/Under				2.9	1.1	-64.6	-73.2	-20.4	-6.2	-	-20.9	
Abbott Secondary Opportunities	10,323,135	0.1		2.4	2.1	10.2	10.2	19.2	20.2	-	21.3	Jan-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.0	
Over/Under				7.0	4.9	-3.9	-12.7	7.6	8.9	-	9.3	
Clearlake Capital Partners V	11,893,171	0.2		0.0	0.7	0.0	-6.2	12.6	23.2	-	22.7	Mar-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.0	
Over/Under				4.6	3.5	-14.1	-29.1	1.0	11.9	-	10.7	
Battery Ventures XII	24,905,716	0.3		0.0	-3.0	-14.2	-22.4	33.4	22.4	-	18.8	Apr-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.6	
Over/Under				4.6	-0.2	-28.3	-45.3	21.8	11.1	-	6.2	
Insight Venture Partners X	50,910,344	0.7		0.0	0.0	0.1	-20.0	24.8	22.2	-	18.9	May-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.7	
Over/Under				4.6	2.8	-14.0	-42.9	13.2	10.9	-	6.2	
GTCR Fund XII	32,418,494	0.4		0.0	2.1	1.4	1.1	22.6	13.5	-	2.8	Jun-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.3	
Over/Under				4.6	4.9	-12.7	-21.8	11.0	2.2	-	-9.5	
Buenaventure One, LLC	214,625,793	2.9		0.0	0.0	0.4	1.6	22.7	15.3	-	14.6	Jul-18
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	11.3	-	12.3	
Over/Under				4.6	2.8	-13.7	-21.3	11.1	4.0	-	2.3	
ECl 11	8,533,624	0.1		-3.7	-9.5	3.2	-3.1	18.1	-	-	19.9	Jan-19
Russell 3000 + 2%				-4.6	-2.8	14.1	22.9	11.6	-	-	15.5	
Over/Under				0.9	-6.7	-10.9	-26.0	6.5	-	-	4.4	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Buenaventure Two, LLC	2,167,937	0.0		0.0	0.0	0.3	3.1	19.9	-	-	29.4	Dec-18
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>13.0</u>	
Over/Under				4.6	2.8	-13.8	-19.8	8.3	-	-	16.4	
The Resolute Fund IV L.P.	34,997,100	0.5		0.0	5.7	16.0	29.5	33.7	-	-	40.5	Jan-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>15.5</u>	
Over/Under				4.6	8.5	1.9	6.6	22.1	-	-	25.0	
GGV Capital VII L.P.	13,176,637	0.2		0.0	-2.0	-5.7	-7.2	13.3	-	-	3.7	Feb-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>13.8</u>	
Over/Under				4.6	0.8	-19.8	-30.1	1.7	-	-	-10.1	
GGV Discovery II, L.P.	3,841,569	0.1		0.0	-2.2	-3.9	-4.8	26.3	-	-	17.4	Feb-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>13.8</u>	
Over/Under				4.6	0.6	-18.0	-27.7	14.7	-	-	3.6	
Drive Capital Overdrive Fund I	9,251,523	0.1		-0.2	-0.4	-23.1	-23.5	23.6	-	-	14.0	May-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.2</u>	
Over/Under				4.4	2.4	-37.2	-46.4	12.0	-	-	1.8	
Riverside Micro Cap Fund V, LP	11,904,045	0.2		0.0	0.0	3.9	8.7	27.0	-	-	6.8	May-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.2</u>	
Over/Under				4.6	2.8	-10.2	-14.2	15.4	-	-	-5.4	
GGV Capital VII Plus, LP	3,204,433	0.0		0.0	-1.0	4.0	3.8	9.9	-	-	7.9	Jun-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>14.2</u>	
Over/Under				4.6	1.8	-10.1	-19.1	-1.7	-	-	-6.3	
Astorg VII L.P.	10,251,198	0.1		-2.5	19.1	-3.2	-1.8	22.9	-	-	5.9	Jul-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.6</u>	
Over/Under				2.1	21.9	-17.3	-24.7	11.3	-	-	-6.7	
Astorg VIII L.P.	7,785,716	0.1		-3.9	-8.0	-8.0	-8.0	-	-	-	-6.9	Aug-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>6.5</u>	
Over/Under				0.7	-5.2	-22.1	-30.9	-	-	-	-13.4	
M/C Partners Fund VIII LP. Limited Partnership	8,388,825	0.1		0.1	0.1	-0.4	1.3	11.3	-	-	-6.6	Jul-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.6</u>	
Over/Under				4.7	2.9	-14.5	-21.6	-0.3	-	-	-19.2	
Genstar Capital Partners IX	9,762,030	0.1		0.0	3.5	5.4	11.7	32.8	-	-	-194.7	Aug-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.4</u>	
Over/Under				4.6	6.3	-8.7	-11.2	21.2	-	-	-207.1	
Genstar IX Opportunities Fund I	2,874,116	0.0		0.0	-1.1	-1.8	3.7	23.1	-	-	17.7	Aug-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.4</u>	
Over/Under				4.6	1.7	-15.9	-19.2	11.5	-	-	5.3	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
ABRY Partners IX, LP	12,916,263	0.2		0.0	0.0	3.9	17.1	23.1	-	-	5.1	Sep-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>13.2</u>	
Over/Under				4.6	2.8	-10.2	-5.8	11.5	-	-	-8.1	
Advent International GPE IX LP	12,967,674	0.2		0.0	1.2	-1.0	-10.2	29.7	-	-	24.9	Nov-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>12.6</u>	
Over/Under				4.6	4.0	-15.1	-33.1	18.1	-	-	12.3	
Drive Capital Fund III LP	7,022,004	0.1		0.0	-0.8	-13.2	-14.9	10.3	-	-	2.8	Dec-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>11.8</u>	
Over/Under				4.6	2.0	-27.3	-37.8	-1.3	-	-	-9.0	
Oak HC/FT Partners III LP	22,620,230	0.3		0.0	0.0	-5.4	-8.1	26.6	-	-	16.0	Dec-19
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>11.8</u>	
Over/Under				4.6	2.8	-19.5	-31.0	15.0	-	-	4.2	
TA XIII A LP	12,444,117	0.2		0.0	2.8	3.3	3.8	28.9	-	-	21.4	Jan-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>11.1</u>	
Over/Under				4.6	5.6	-10.8	-19.1	17.3	-	-	10.3	
Dover Street X, LP	32,668,231	0.4		2.8	4.3	7.2	5.6	45.3	-	-	31.4	Feb-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>11.4</u>	
Over/Under				7.4	7.1	-6.9	-17.3	33.7	-	-	20.0	
Hellman & Friedman CP IX	25,989,487	0.3		0.0	0.0	15.2	11.7	14.2	-	-	9.4	Apr-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>19.6</u>	
Over/Under				4.6	2.8	1.1	-11.2	2.6	-	-	-10.2	
Clearlake Capital Partners VI	28,165,925	0.4		1.7	1.7	8.8	5.9	27.9	-	-	24.8	Jun-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>14.3</u>	
Over/Under				6.3	4.5	-5.3	-17.0	16.3	-	-	10.5	
Flexpoint Fund IV	8,146,570	0.1		0.0	0.0	-28.8	-29.5	4.6	-	-	11.8	Jun-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>14.3</u>	
Over/Under				4.6	2.8	-42.9	-52.4	-7.0	-	-	-2.5	
Battery Ventures XIII	16,687,009	0.2		0.0	-2.5	-4.4	-6.4	15.2	-	-	12.3	Jun-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	<u>11.6</u>	-	-	<u>14.3</u>	
Over/Under				4.6	0.3	-18.5	-29.3	3.6	-	-	-2.0	
Green Equity Investors IX LP	203,270	0.0		58.9	-	-	-	-	-	-	58.9	Sep-23
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	-	-	-	-	-	-	<u>-4.6</u>	
Over/Under				63.5	-	-	-	-	-	-	63.5	
Green Equity Investors VIII, L.P.	15,449,791	0.2		2.4	2.4	10.2	10.2	-	-	-	5.2	Nov-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>12.7</u>	
Over/Under				7.0	5.2	-3.9	-12.7	-	-	-	-7.5	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
CapVest Private Equity Partners IV, SCSp	10,248,827	0.1		-2.5	-1.6	0.9	17.4	-	-	-	34.0	Dec-20
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>8.5</u>	
Over/Under				2.1	1.2	-13.2	-5.5	-	-	-	25.5	
Drive Capital Fund IV LP	4,358,006	0.1		-1.6	-2.8	-4.1	-5.6	-	-	-	-5.4	Jan-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-3.5</u>	
Over/Under				3.0	0.0	-18.2	-28.5	-	-	-	-1.9	
Great Hill Equity Partners VII	8,860,137	0.1		2.8	2.8	22.7	24.5	-	-	-	80.8	Jan-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>7.0</u>	
Over/Under				7.4	5.6	8.6	1.6	-	-	-	73.8	
Great Hill Equity Partners VIII	4,092,963	0.1		18.2	18.2	-5.0	-	-	-	-	-5.0	Dec-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	-	-	-	-	<u>7.6</u>	
Over/Under				22.8	21.0	-19.1	-	-	-	-	-12.6	
Vitruvian Investment Partners IV	18,846,180	0.3		-0.5	-1.0	7.3	23.1	-	-	-	-100.0	Jan-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>7.0</u>	
Over/Under				4.1	1.8	-6.8	0.2	-	-	-	-107.0	
CRV XVIII, L.P.	15,238,769	0.2		0.0	-2.3	-9.3	-10.9	-	-	-	1.4	Mar-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>6.3</u>	
Over/Under				4.6	0.5	-23.4	-33.8	-	-	-	-4.9	
GGV Capital VIII, L.P.	6,498,276	0.1		7.6	6.9	5.7	9.5	-	-	-	11.4	May-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>2.9</u>	
Over/Under				12.2	9.7	-8.4	-13.4	-	-	-	8.5	
GGV Discovery III, L.P.	2,848,942	0.0		0.0	0.2	3.7	16.1	-	-	-	23.5	May-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>2.9</u>	
Over/Under				4.6	3.0	-10.4	-6.8	-	-	-	20.6	
Oak HC/FT Partners IV, L.P.	9,681,236	0.1		0.0	1.4	4.2	3.8	-	-	-	8.6	May-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>2.9</u>	
Over/Under				4.6	4.2	-9.9	-19.1	-	-	-	5.7	
Prairie Capital VII, LP	4,714,482	0.1		0.0	-0.7	-6.3	-8.7	-	-	-	-0.8	Jun-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>2.7</u>	
Over/Under				4.6	2.1	-20.4	-31.6	-	-	-	-3.5	
GGV Capital VIII Plus, L.P.	1,095,462	0.0		0.0	0.0	-1.4	0.5	-	-	-	1.9	Jul-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>1.6</u>	
Over/Under				4.6	2.8	-15.5	-22.4	-	-	-	0.3	
Flexpoint Overage Fund IV A, L.P.	2,932,527	0.0		0.0	2.0	15.9	12.0	-	-	-	12.0	Jul-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>1.6</u>	
Over/Under				4.6	4.8	1.8	-10.9	-	-	-	10.4	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Abbott Secondary Opportunities II, L.P.	28,166,270	0.4		0.0	0.0	6.1	8.6	-	-	-	52.7	Jul-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>1.6</u>	
Over/Under				4.6	2.8	-8.0	-14.3	-	-	-	51.1	
Genstar X Opportunities Fund I, LP	3,367,011	0.0		0.0	-0.5	1.8	3.4	-	-	-	5.4	Sep-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-0.6</u>	
Over/Under				4.6	2.3	-12.3	-19.5	-	-	-	6.0	
Charlesbank Overage Fund X	5,868,452	0.1		0.0	8.0	14.6	17.7	-	-	-	13.2	Sep-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-0.6</u>	
Over/Under				4.6	10.8	0.5	-5.2	-	-	-	13.8	
Charlesbank Equity Fund X	14,619,526	0.2		0.0	2.3	11.6	16.8	-	-	-	8.6	Sep-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-0.6</u>	
Over/Under				4.6	5.1	-2.5	-6.1	-	-	-	9.2	
GTCR Fund XIII	15,198,532	0.2		0.0	2.7	-1.6	-3.1	-	-	-	28.3	Sep-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-0.6</u>	
Over/Under				4.6	5.5	-15.7	-26.0	-	-	-	28.9	
Hellman & Friedman CP X	15,341,715	0.2		0.0	4.5	15.3	11.9	-	-	-	2.0	Nov-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-1.8</u>	
Over/Under				4.6	7.3	1.2	-11.0	-	-	-	3.8	
Genstar Capital Partners X LP	10,907,776	0.1		0.0	-1.3	1.4	3.6	-	-	-	8.2	Dec-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-1.2</u>	
Over/Under				4.6	1.5	-12.7	-19.3	-	-	-	9.4	
TA XIV A LP	6,096,750	0.1		0.0	0.1	-1.2	-5.9	-	-	-	-7.1	Dec-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-1.2</u>	
Over/Under				4.6	2.9	-15.3	-28.8	-	-	-	-5.9	
CVC Capital Partners VIII A LP	12,264,989	0.2		-1.7	-2.2	-1.6	12.5	-	-	-	15.6	Dec-21
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-1.2</u>	
Over/Under				2.9	0.6	-15.7	-10.4	-	-	-	16.8	
Drive Capital Overdrive	5,392,240	0.1		47.7	53.6	-11.6	-13.3	-	-	-	-10.2	Jan-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-3.5</u>	
Over/Under				52.3	56.4	-25.7	-36.2	-	-	-	-6.7	
Kinderhook Capital Fund 7	7,211,503	0.1		0.0	5.2	84.9	73.3	-	-	-	26.1	Mar-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>1.3</u>	
Over/Under				4.6	8.0	70.8	50.4	-	-	-	24.8	
Pantheon Global Secondary Funds VII	6,198,328	0.1		0.0	0.0	10.0	10.0	-	-	-	16.3	Apr-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>-0.8</u>	
Over/Under				4.6	2.8	-4.1	-12.9	-	-	-	17.1	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Harbourvest PTN Co Inv VI LP	19,737,708	0.3		0.0	3.1	8.4	-2.3	-	-	-	-0.6	May-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>5.8</u>	
Over/Under				4.6	5.9	-5.7	-25.2	-	-	-	-6.4	
Clearlake Capital Partners VII	11,960,164	0.2		0.0	0.6	5.4	3.7	-	-	-	2.7	Jun-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>6.1</u>	
Over/Under				4.6	3.4	-8.7	-19.2	-	-	-	-3.4	
Battery Ventures XIV	1,786,966	0.0		0.0	-2.6	-6.6	-14.3	-	-	-	-	Jul-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>14.1</u>	
Over/Under				4.6	0.2	-20.7	-37.2	-	-	-	-	
Oak HC/FT Partners V	1,549,959	0.0		0.0	-2.5	-9.2	56.0	-	-	-	-	Jul-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>14.1</u>	
Over/Under				4.6	0.3	-23.3	33.1	-	-	-	-	
Advent International GPE X LP	5,762,073	0.1		0.0	0.8	-1.8	-18.5	-	-	-	-18.5	Oct-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>22.9</u>	
Over/Under				4.6	3.6	-15.9	-41.4	-	-	-	-41.4	
GTCR Strategic Growth 1/A	1,082,799	0.0		0.0	-7.6	-49.3	-49.3	-	-	-	-49.3	Oct-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>22.9</u>	
Over/Under				4.6	-4.8	-63.4	-72.2	-	-	-	-72.2	
GTCR Strategic Growth 1/B	1,300,192	0.0		0.0	8.5	34.2	37.3	-	-	-	37.3	Oct-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>22.9</u>	
Over/Under				4.6	11.3	20.1	14.4	-	-	-	14.4	
Riverside Micro Cap Fund VI, LP	6,269,502	0.1		0.0	4.3	6.5	-4.2	-	-	-	-4.2	Oct-22
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	<u>22.9</u>	-	-	-	<u>22.9</u>	
Over/Under				4.6	7.1	-7.6	-27.1	-	-	-	-27.1	
Ridgmont Equity Partners IV	6,129,218	0.1		-0.7	-0.7	11.9	-	-	-	-	11.9	Jan-23
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	<u>14.1</u>	-	-	-	-	<u>14.1</u>	
Over/Under				3.9	2.1	-2.2	-	-	-	-	-2.2	
CapVest Private Equity Partners V, SCSp	261,305	0.0		-2.5	-66.3	-	-	-	-	-	-66.3	Apr-23
<i>Russell 3000 + 2%</i>				<u>-4.6</u>	<u>-2.8</u>	-	-	-	-	-	<u>5.9</u>	
Over/Under				2.1	-63.5	-	-	-	-	-	-72.2	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
<b>Private Credit</b>	<b>514,107,968</b>	<b>6.9</b>	<b>8.0</b>	<b>0.6</b>	<b>2.0</b>	<b>7.5</b>	<b>8.5</b>	<b>12.3</b>	<b>8.6</b>	-	<b>8.1</b>	<b>Jan-18</b>
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	<u>4.5</u>	-	<u>4.7</u>	
Over/Under				0.8	0.2	0.0	-2.6	8.3	4.1	-	3.4	
CVI Credit Value Fund IV	22,970,672	0.3		0.7	2.0	6.1	8.2	10.9	7.7	-	7.3	Jan-18
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	<u>4.5</u>	-	<u>4.7</u>	
Over/Under				0.9	0.2	-1.4	-2.9	6.9	3.2	-	2.6	
Monroe Capital Private Credit Fund III	21,627,347	0.3		0.0	2.6	10.0	12.3	12.8	-	-	11.5	Dec-18
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	-	-	<u>4.9</u>	
Over/Under				0.2	0.8	2.5	1.2	8.8	-	-	6.6	
Bluebay Direct Lending Fund III	19,405,928	0.3		0.0	0.0	5.2	6.9	10.2	-	-	9.6	Apr-19
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	-	-	<u>4.4</u>	
Over/Under				0.2	-1.8	-2.3	-4.2	6.2	-	-	5.2	
Pimco Private Income Fund	73,553,371	1.0		0.0	1.9	3.5	2.5	10.6	-	-	8.1	Nov-19
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	-	-	<u>4.0</u>	
Over/Under				0.2	0.1	-4.0	-8.6	6.6	-	-	4.1	
Bridge Debt Strategies III Limited Partner	13,467,225	0.2		0.0	2.1	4.4	5.9	14.4	-	-	6.7	Jan-20
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	-	-	<u>3.5</u>	
Over/Under				0.2	0.3	-3.1	-5.2	10.4	-	-	3.2	
PIMCO Corp Opps Fund III	51,279,371	0.7		0.0	2.1	2.5	4.6	25.8	-	-	27.6	May-20
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	<u>4.0</u>	-	-	<u>6.5</u>	
Over/Under				0.2	0.3	-5.0	-6.5	21.8	-	-	21.1	
Torchlight Debt Fund VII, L.P.	13,322,185	0.2		0.0	0.1	2.5	3.7	-	-	-	3.6	Jan-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>2.5</u>	
Over/Under				0.2	-1.7	-5.0	-7.4	-	-	-	1.1	
Torchlight Debt Fund VIII, L.P.	4,627,020	0.1		0.0	-1.3	-16.6	-	-	-	-	-16.6	Jan-23
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	-	-	-	-	<u>7.5</u>	
Over/Under				0.2	-3.1	-24.1	-	-	-	-	-24.1	
Crayhill Principal Strategies Fund II	15,849,781	0.2		0.0	1.6	1.0	1.5	-	-	-	14.5	May-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.9</u>	
Over/Under				0.2	-0.2	-6.5	-9.6	-	-	-	12.6	
CVI Credit Value Fund A V	21,305,826	0.3		0.9	2.1	7.0	6.0	-	-	-	6.0	Jun-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.7</u>	
Over/Under				1.1	0.3	-0.5	-5.1	-	-	-	4.3	



# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Bridge Debt Strategies Fund IV LP	23,978,953	0.3		0.0	2.9	6.4	7.7	-	-	-	6.2	Aug-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.3</u>	
Over/Under				0.2	1.1	-1.1	-3.4	-	-	-	4.9	
Cross Ocean USD ESS Fund IV	33,889,259	0.5		6.8	6.8	10.5	11.5	-	-	-	9.0	Sep-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.1</u>	
Over/Under				7.0	5.0	3.0	0.4	-	-	-	7.9	
Harbourvest Direct Lending L	19,491,718	0.3		0.0	0.0	6.0	10.2	-	-	-	4.8	Sep-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.1</u>	
Over/Under				0.2	-1.8	-1.5	-0.9	-	-	-	3.7	
Bain Capital Special Situations Asia Fund II	3,318,293	0.0		0.0	5.0	19.8	20.0	-	-	-	15.2	Nov-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.0</u>	
Over/Under				0.2	3.2	12.3	8.9	-	-	-	14.2	
Arbour Lane Credit Opp III A	16,727,397	0.2		0.0	3.4	10.5	9.1	-	-	-	-0.7	Dec-21
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>1.4</u>	
Over/Under				0.2	1.6	3.0	-2.0	-	-	-	-2.1	

# TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Monroe Private Capital Fund IV	25,166,618	0.3		0.0	3.2	8.6	10.8	-	-	-	8.4	Jan-22
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>0.7</u>	
Over/Under				0.2	1.4	1.1	-0.3	-	-	-	7.7	
Crescent Cove Opportunity Fund LP	25,553,210	0.3		0.0	0.0	7.3	6.9	-	-	-	4.6	Jun-22
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	<u>11.1</u>	-	-	-	<u>4.8</u>	
Over/Under				0.2	-1.8	-0.2	-4.2	-	-	-	-0.2	
Pantheon Credit Opportunity II	39,311,380	0.5		0.0	0.0	40.2	-	-	-	-	40.2	Nov-22
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	-	-	-	-	<u>9.0</u>	
Over/Under				0.2	-1.8	32.7	-	-	-	-	31.2	
VWH Partners III LP	31,223,362	0.4		0.0	0.0	3.5	-	-	-	-	3.5	Dec-22
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	<u>7.5</u>	-	-	-	-	<u>7.3</u>	
Over/Under				0.2	-1.8	-4.0	-	-	-	-	-3.8	
Harbourview Royalties I	19,562,171	0.3		0.0	2.6	-	-	-	-	-	1.3	Apr-23
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	-	-	-	-	-	<u>4.0</u>	
Over/Under				0.2	0.8	-	-	-	-	-	-2.7	
Kennedy Lewis Capital Partners Master Fund III LP	13,346,161	0.2		4.3	4.3	-	-	-	-	-	4.3	May-23
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	-	-	-	-	-	<u>3.1</u>	
Over/Under				4.5	2.5	-	-	-	-	-	1.2	
PIMCO Corp Opps Fund IV	5,130,720	0.1		0.0	3.4	-	-	-	-	-	3.4	May-23
50% CS Leveraged Loan / 50% ICE BofA US HY BB-B Rated Constrained Index				<u>-0.2</u>	<u>1.8</u>	-	-	-	-	-	<u>3.1</u>	
Over/Under				0.2	1.6	-	-	-	-	-	0.3	

Policy Index as of May, 2022: 26% Russell 3000 Index, 15% MSCI ACWI ex U.S., 9% MSCI ACWI, 18% Private Equity Benchmark, 10% Bloomberg US Aggregate, 8% 50% CS Leveraged Loan/50% ICE BofA US HY BB-B Rated Constrained Index, 8% NCREIF ODCE, 6% Real Assets Index.

Total U.S. Equity Benchmark: Russell 3000 Index. Prior to January 2016, the Benchmark is a dynamic hybrid using the respective managers' market value weights within the U.S. Equity component toward their benchmark. Prior to May 2013, the Dow Jones U.S. Total Stock Market Index. Prior to May 2007, the Russell 3000 Index.

Prior to January 2016 the Total U.S. Equity Benchmark was a dynamic hybrid using the respective managers' market value weights within the U.S. Equity component toward their benchmark. Prior to May 2013, the Dow Jones U.S. Total Stock Market Index. Prior to May 2007, the Russell 3000 Index.

Reams Custom Index: Merrill Lynch 3 Month Libor Constant Maturity Index, prior to February 2013 the Bloomberg Aggregate.

Loomis Custom Index: 65% Bloomberg US Aggregate, 30% Citigroup High Yield Market Index and 5% JPM Non-US Hedged Bond Index.

Total Real Estate Benchmark: NCREIF ODCE; prior to January 2006, the NCREIF Property Index.

Total Real Assets Benchmark CPI + 4% from inception until 6/30/2019; CPI +2% from 6/30/2019 to present.

Real Estate managers and NCREIF ODCE are valued on a quarterly basis. Performance is not applicable in mid-quarter months, therefore 0% return is shown.

Please Note: Private Equity performance is shown on a time-weighted return basis. Values are cash adjusted with current month cash flows. Fiscal year ends 6/30.

# DISCLAIMERS & DISCLOSURES

Past performance is no guarantee of future results.

Returns for pooled funds, e.g. mutual funds and collective investment trusts, are collected from third parties; they are not generally calculated by NEPC. Returns for separate accounts, with some exceptions, are calculated by NEPC. Returns are reported net of manager fees unless otherwise noted.

A “since inception” return, if reported, begins with the first full month after funding, although actual inception dates (e.g. the middle of a month) and the timing of cash flows are taken into account in Composite return calculations.

NEPC’s preferred data source is the plan’s custodian bank or record-keeper. If data cannot be obtained from one of the preferred data sources, data provided by investment managers may be used. Information on market indices and security characteristics is received from additional providers. While NEPC has exercised reasonable professional care in preparing this report, we cannot guarantee the accuracy of all source information contained within. In addition, some index returns displayed in this report or used in calculation of a policy index, allocation index or other custom benchmark may be preliminary and subject to change.

All investments carry some level of risk. Diversification and other asset allocation techniques are not guaranteed to ensure profit or protect against losses.

The opinions presented herein represent the good faith views of NEPC as of the date of this presentation and are subject to change at any time. Neither fund performance nor universe rankings contained in this report should be considered a recommendation by NEPC.

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Source of private fund performance benchmark data: Cambridge Associates, via Refinitiv





October 23, 2023

Board of Retirement  
Ventura County Employees' Retirement Association  
1190 South Victoria Avenue, Suite 200  
Ventura, CA 93003

**SUBJECT: ALAMEDA IMPLEMENTATION STATUS REPORT DATED OCTOBER 23, 2023**

Dear Board Members:

Background

Staff are working to implement the July 30, 2020, California Supreme Decision, Alameda County Deputy Sheriffs' Association v. Alameda County Employees' Retirement Association (2020) 9 Cal.5th 1032, 1070 ("*Alameda*"), based on the latest direction received from the Board of Retirement on April 17, 2023.

Summary & Highlights

The VPAC team includes several VCERA staff, plus coordination with the following partners:

- County of Ventura – providing calculations for excluded & situational pay codes, as well as partial assistance w/flex credits
- MBS – providing tool development & flex credit calculations
- Simpler Systems – providing reporting tool

After the County Board of Supervisors approved the four fixed-term positions that VCERA is adding as part of the Alameda implementation project, staff met with County HR to discuss and plan the recruitments. Staff have prepared draft documents and County HR is working to prioritize next steps.

VCERA and the County have worked together to come up with a plan for historical corrections to flex credits. VCERA will provide the flex credit amounts to adjust by employee and pay period back to 2004, and the County will use an existing adjustment process in their system to generate the resulting changes in pensionable earnings and contributions. The County will then send that data back to VCERA for processing of refunds and retirement benefit changes, in the

same delivery method they are already planning to use for the excluded and situational pay codes which they've already calculated back to 2013. Finally, the County will also use the same delivery method to provide the data for leave donations back to 2004. We believe this solution will be the most efficient for both parties and also achieves the goal of keeping the systems in sync.

VCERA has contracted with MBS to provide the additional calculations needed outside of the V3 pension administration system. The tasks performed by MBS will include calculating and compiling the entire list of flex credit adjustments by employee and pay period back to 1990, producing a file of those amounts to send to the County for those back to 2004, and calculating the corrected earnings and contributions on those amounts prior to 2004. MBS will also calculate the corrected earnings and contributions for employee leave donations prior to 2004. MBS will then calculate interest on all contributions to be refunded (including flex credits, leave donations, excluded and situational pay codes). MBS will create the files needed to load the pre-2004 corrected earnings and contributions and all calculated interest into the correct participant accounts in V3.

After further discussions with MBS, the team determined that some additional technical setup is needed to manage the large volume of data for the calculations. VCERA staff are working with Vitech to complete this setup. Once complete, the MBS task list will commence. Note that this has set the MBS timeline behind the original projected start date by about a month.

Once the corrected data is loaded into V3, VCERA staff will perform several steps to update individual member accounts (retiree benefits and contribution refund processing). In order to speed up some of that processing, VCERA has engaged the system vendor Vitech to make some system enhancements that are currently under development and in testing.

As reported previously, staff are continuing to work out some of the details and mechanics of the implementation plan with the team and with counsel.

VCERA staff have been working on the Simpler Systems project plan and technical setup to prepare for the upcoming kick off meeting later this month.

### Estimated Project Timeline

As mentioned above, the MBS tasks have been adjusted by one month. In addition, discussions are still underway regarding the timeline for the County tasks. The overall project timeline will be reviewed as the project progresses to determine any additional impacts. The end date for the project has not yet been adjusted, as there are still too many moving parts to project that adjustment accurately.

Year	Months	Task	Assigned	Status
<b><i>Phase 1: Calculate pensionable earnings &amp; member contributions</i></b>				
2023	May – June	Planning	VCERA	Completed
2023	May – June	Stop Contributions	County	Completed
2023	July – Dec	Correction Files Format/ <b>Workflow</b>	County	In Progress
2023	July – Dec +	System Enhancements	Vitech	In Progress
2023	July – Dec	Data Cleanup & Prep Tasks	VCERA/County	In Progress
2023	Sep – Dec +	Recruit & Train Staff	VCERA	<b>In Progress</b>
2023-24	Sep – June +	Queries/Reporting	Simpler Systems	<b>In Progress</b>
2023-24	<b>Oct – July +</b>	Tools Dev/Flex Credit Calcs	MBS/Consultants	<b>In Progress</b>
2023-24	Oct – Mar	VRSD Corrections (manual)	VCERA	
2024	Jan – Mar +	Send Correction Files	County	
2024	Jan – Mar	Test & Verify System Enhancements	VCERA IT & Ops	
2024	Apr – Sep	Review/Test Tools & Corrections	VCERA IT & Ops	
<b><i>Phase 2: Calculate retirement benefits &amp; process refunds w/interest</i></b>				
2024	Sep – Dec	Perform Calcs/Pay Refunds & Rollovers	VCERA	
2025	Jan – Sep +			

*+ indicates a task that may continue further to completion*

Items in bold have been updated since the prior status report.

DISCLAIMER: This timeline is an estimate based on initial review of the project scope. Actual timeline may fluctuate due to factors including resources, vendor timelines, processing complexity, and unanticipated priorities. Updates to this estimated timeline will be published as more information becomes available.

### **RECOMMENDATION: RECEIVE & FILE ALAMEDA IMPLEMENTATION STATUS REPORT DATED OCTOBER 23, 2023**

VCERA staff will be pleased to respond to any questions you may have on this matter at the October 23, 2023, Business & Disability Meeting.

Sincerely,



Amy Herron  
Chief Operations Officer



October 23, 2023

Board of Retirement  
Ventura County Employees' Retirement Association  
1190 South Victoria Avenue, Suite 200  
Ventura, CA 93003

**SUBJECT: SACRS BUSINESS/LEGISLATIVE PACKAGE FALL 2023**

Dear Board Members:

The SACRS Business Packet (and in particular, the Legislative Package) for fall of 2023 has recently been distributed to all CERL Systems and is included in your agenda packet today. As usual, the SACRS Legislative Committee is looking for support from CERL Systems for various proposals that will be presented at the Annual Business meeting on Friday, November 10<sup>th</sup> in Rancho Mirage. Staff is asking the VCERA Board to consider whether it wants to support some, all or none of the proposals on the agenda and send our voting delegate to the meeting with such instruction. The Legislative Committee states, that the proposals on the agenda "are intended to provide technical and administrative clarity to various sections of the CERL". These can be found starting on page 26 of your Business Packet.

The amendments are summarized as follows (with Staff's recommendation for consideration by this Board):

1. **Affirmation that a retiree's pension can be deposited into a trust account.** This amendment simply provides uniformity to an issue that has been interpreted differently by CERL Systems in the past. Staff's recommendation is to SUPPORT.
2. **Authority for a Board of Retirement to make payments to retirees through a prepaid debit or credit card.** The amendment is an accommodation to retirees who may not have a checking or savings account necessitating the need to issue a paper check. The amendment does not mandate this idea. Since this is another step towards the elimination of issuing paper checks, Staff's recommendation is to SUPPORT.
3. **Removal of the requirement for a certified mail "return receipt" when sending notices to terminated members or beneficiaries that they have contributions or unclaimed benefits with the System.** The current language in the CERL reflects an outdated practice, since certified mail now allows the sender to electronically track the letter saving the cost of requiring a return receipt. Staff's recommendation is to SUPPORT.
4. **Allows a Retirement System to take certain actions when retired annuitants exceed the 960-hour post-retirement employment limit.** This amendment REQUIRES CERL Systems to proportionally offset a member's retirement allowance by the equivalent excess hours worked above the 960-hour threshold. For example, if a retired annuitant worked 1,000 hours, or 40 hours over the limit, then the Retirement System would be required to reduce the next benefit payment by approximately 23% (assuming an average of 173 working hours per month). Systems retain the ability to terminate or suspend a retirement allowance, or reinstate retirees to active membership if the 960-hour limit is exceeded. Since this is a good business practice and provides a greater incentive to monitor and track hours worked, Staff's recommendation is to SUPPORT.

**RECOMMENDATION: SUPPORT THE ENTIRE LEGISLATIVE PROPOSAL SLATE TO BE PRESENTED AT THE SACRS BUSINESS MEETING ON FRIDAY, NOVEMBER 10<sup>TH</sup> IN RANCHO MIRAGE**



Staff will be happy to answer any questions at today's meeting.

Sincerely,

A handwritten signature in black ink, appearing to read 'RS', is centered below the text 'Sincerely,'.

Rick Santos, CFA, ASA, MAAA  
Interim Retirement Administrator



**SACRS**  
**Fall Conference**  
**Annual Business Meeting 2023**

Friday, November 10, 2023  
10:15 am – 11:30 am

Omni Rancho Las Palmas Resort & Spa  
Rancho Mirage, CA  
Las Palmas Ballroom



## **Vision, Mission, Core Values**

The members and staff of the State Association of County Retirement Systems (SACRS) share a common purpose, mission and core values.

## **Statement of Purpose**

The specific and primary purposes of SACRS are to provide forums for disseminating knowledge of and developing expertise in the operation of 20 county retirement systems existing under the County Employees Retirement Law of 1937 (CERL) sets forth in California Government Code section 31450 et. seq., and to foster and take an active role in the legislative process as it affects county retirement systems.

## **Mission Statement**

The mission of this organization shall be to serve the 1937 Act Retirement Systems by exchanging information, providing education and analyzing legislation.

## **Core Values**

Teamwork

Integrity

Education

Service and Support



SACRS Business Meeting Agenda  
Friday, November 10, 2023  
10:15 AM – 11:30 AM  
Omni Rancho Las Palmas Resort & Spa  
Rancho Mirage, CA  
Las Palmas Ballroom

SACRS Parliamentarian – David Lantzer, San Bernardino CERA  
Sergeant at Arms – Brian Williams, Sonoma CERA

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**1. SACRS System Roll Call**

Zandra Cholmondeley, Santa Barbara CERS, SACRS Secretary

**2. Secretary’s Report - Receive and File**

Zandra Cholmondeley, Santa Barbara CERS, SACRS Secretary

- A. Spring 2023 SACRS Business Meeting Minutes

**3. Treasurer’s Report - Receive and File**

Jordan Kaufman, Kern CERA, SACRS Treasurer

- A. July – August 2023 Financials

**4. SACRS President Report - No Action**

David MacDonald, Contra Costa CERA, SACRS President

- A. SACRS President Update. Verbal report, no printed materials for this item.

**5. SACRS Legislative Committee Update – Action Item**

Eric Stern, Sacramento CERS and Dave Nelsen, Alameda CERA – SACRS Legislative Committee  
Co-Chairs

- A. 2023 Legislative Report – **No Action**
- B. 2024 Legislative Proposals – **Action Item**

**6. SACRS Nomination Committee – No Action**

Vivian Gray, Los Angeles CERA, SACRS Nomination Committee Chair

- A. SACRS Election Notice 2024-2025

**7. SACRS Audit Report – No Action**

Steve Delaney, Orange CERS, SACRS Audit Committee Chair

- A. Audit Committee report. Verbal report, no printed materials for this item.



**8. SACRS Education Committee Report – No Action**

JJ Popowich, Los Angeles CERA, SACRS Education Committee Chair

- A. SACRS Annual Fall Conference 2023 report. Verbal update, no printed materials for this item.

**9. SACRS Program Committee Report – No Action**

Adele Tagaloa, Orange CERS, SACRS Program Committee Chair

- A. Program Committee report. Verbal update, no printed materials for this item.

**10. SACRS Affiliate Committee Report – No Action**

Joanne Svensgaard, SACRS Affiliate Committee Chair

- A. Affiliate Committee report. Verbal update, no printed materials for this item.

**11. SACRS Bylaws Committee Report – No Action**

Barbara Hannah, San Bernardino CERA, SACRS Bylaws Committee Chair

- A. Bylaws Committee report. Verbal update, no printed materials for this item.

**12. SACRS Fall Conference Breakout Reports – No Action**

A representative from each breakout will give a verbal report on their meetings. No printed materials for this item.

- A. Administrators
- B. Counsel
- C. Disability/ Operations & Benefits Combo
- D. Internal Auditors
- E. Investment Officers
- F. Safety Trustees
- G. General Trustees

**13. Adjournment**

Next scheduled SACRS Business Meeting will be held Friday, May 10, 2023, at the Hilton Santa Barbara Beachfront Resort, Santa Barbara, CA.



**1. Roll Call**

Zandra Cholmondeley, Santa Barbara CERS, SACRS Secretary

Roll Call of the 20 SACRS Retirement Systems

Please state your system name, your name and if you are the voting delegate or alternate delegate.



1. SACRS System Roll Call  
 Zandra Cholmondeley, Santa Barbara CERS, SACRS  
 Secretary

<b>System</b>	<b>Delegate Name</b>	<b>Alternate Delegate Name</b>	<b>Absent</b>
Alameda			
Contra Costa			
Fresno			
Imperial			
Kern			
Los Angeles			
Marin			
Mendocino			
Merced			
Orange			
Sacramento			
San Bernardino			
San Diego			
San Joaquin			
San Mateo			
Santa Barbara			
Sonoma			
Stanislaus			
Tulare			
Ventura			
<b>Total</b>			



## **2. Secretary's Report - Receive and File**

Zandra Cholmondeley, Santa Barbara CERS, SACRS Secretary

- A. Spring 2023 SACRS Business Meeting Minutes





## SACRS Business Meeting Minutes

Friday, May 12,  
2023  
10:15 am – 11:30  
am Paradise Point Resort & Spa  
San Diego, CA  
Sunset I-III Ballroom

SACRS Parliamentarian – David Lantzer, San Bernardino  
CERA  
Sergeant at Arms – Brian Williams, Sonoma CERA

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### 1. SACRS System Roll Call

Adele Tagaloa, Orange CERS, SACRS Secretary

**Systems Present:** Alameda, Contra Costa, Fresno, Imperial, Kern, Los Angeles, Marin  
Orange, Sacramento, San Bernardino, San Diego, San Joaquin, San Mateo, Santa  
Barbara

Sonoma, Stanislaus, Tulare, Ventura

**Systems Absent:** Mendocino, Merced

### 2. Secretary's Report - Receive and File – Action Item

Adele Tagaloa, Orange CERS, SACRS Secretary

A. November 2022 SACRS Business Meeting Minutes

**Motion:** A motion to approve the November 2022 SACRS Business Meeting Minutes  
was made by San Diego.

**2<sup>nd</sup>:** Fresno

**Yes:** Alameda, Contra Costa, Fresno, Imperial, Kern, Los Angeles, Marin  
Orange, Sacramento, San Bernardino, San Diego, San Joaquin, San Mateo, Santa  
Barbara

Sonoma, Stanislaus, Tulare, Ventura

**No:** 0

**Absent:** Mendocino, Merced

**Motion passes 18-0-2**

### 3. Treasurer's Report - Receive and File – Action Item

Jordan Kaufman, Kern CERA, SACRS Treasurer

A. July 2022 – February 2023 Financials

**Discussion:** Jordan Kaufman presented the July 2022- February 2023 financials. He  
noted that the Balance sheet was not included in the packet but was emailed to  
membership. The delegation discussed the finances, and status of reserves.

No motion was made, the President asked to receive and file. All presents said  
Yes/Aye to approve.



#### **4. SACRS President Report - No Action**

Vivian Gray, Los Angeles CERA, SACRS President

##### **A. SACRS President Update**

**Discussion:** Vivian thanked the members of the Board for their time and dedication served, she appreciated all the kind sentiment she received during the week while she's been President. Was an honor to serve SACRS and encouraged the membership to get involved and let her know if they are interested in serving on a committee.

#### **5. SACRS Legislative Committee Update – No Action**

Eric Stern, Sacramento CERS and Dave Nelsen, Alameda CERA – SACRS Legislative Committee Co-Chairs

##### **A. 2023 Legislative Report**

**Discussion:** Eric Stern gave an overview of the written report in the packet. He also gave a brief update on legislative suggestions for the 2024 legislative calendar. See packet for full review of bills watched and status in committees.

#### **6. SACRS Nomination Committee - 2023-2024 SACRS Board of Directors Elections – Action**

Dan McAllister, San Diego CERA, SACRS Nomination Committee Chair

##### **A. SACRS Board of Directors Elections 2023-2024**

**Discussion:** Dan McAllister discussed the process of the elections, noting that there would be a vacancy on the Board after the vote took place. The withdrawal of a candidate after the deadline to submit a nomination has passed. The Bylaws do not have a provision for nominations after the deadline, nor do they offer nominations from the floor. Therefore, the Board will be appointing a qualified candidate to the position of “General member” at their first meeting in June. Harry Hatch noted that Vere Williams retirement from the San Bernardino CERA Board was unfortunate and wished Vere well and thanked him for his service on the SBCERA Board and SACRS Board. Several Trustees submitted their name for consideration for the vacant position. The Nomination Committee reviewed all options, and unanimously recommended to the SACRS Board of Directors that Brian Williams, Sonoma CERA, would be the best candidate to fill the position. Marin CERA submitted a letter of recommendation that the SACRS Board consider appointing a Trustee from Northern California for a balanced representation of the North/Central/South make-up of the Board.



**Motion:** A motion to approve the recommended 2023-2024 SACRS Board of Directors slate was made by San Diego.

- President: David MacDonald, Contra Costa CERA
- Vice President: Adele Tagaloa, Orange CERS
- Treasurer: Jordan Kaufman, Kern CERA
- Secretary: Zandra Cholmondeley, Santa Barbara CERS
- General Member: David Gilmore, San Diego CERA
- General Member: Vacant

**2<sup>nd</sup>:** San Bernardino

**Yes:** Alameda, Contra Costa, Fresno, Imperial, Kern, Los Angeles, Marin Orange, Sacramento, San Bernardino, San Diego, San Joaquin, San Mateo, Santa Barbara

Sonoma, Stanislaus, Tulare, Ventura

**No:** 0

**Absent:** Mendocino, Merced

**Motion passes 18-0-2**

## **7. SACRS Audit Report – Action**

Steve Delaney, Orange CERS, SACRS Audit Committee Chair

### A. SACRS 2021-2022 Annual Audit

**Discussion:** Steve Delaney presented the SACRS 2021-2022 Annual Audit performed by outside auditors James Marta & Co. The financial received a clean audit and no negative findings. Steve thanked the committee members for their time and participation reviewing drafts and meetings with the auditors.

**Motion:** A motion to approve the SACRS 2021-2022 Audit was made by Sacramento.

**2<sup>nd</sup>:** Contra Costa

**Yes:** Alameda, Contra Costa, Fresno, Imperial, Kern, Los Angeles, Marin Orange, Sacramento, San Bernardino, San Diego, San Joaquin, San Mateo, Santa Barbara

Sonoma, Stanislaus, Tulare, Ventura

**No:** 0

**Absent:** Mendocino, Merced

**Motion passes 18-0-2**

## **8. SACRS Education Committee Report – No Action**

JJ Popowich, Los Angeles CERA, SACRS Education Committee Chair

### A. SACRS Annual Spring 2023 Conference Evaluations/Feedback

**No report.**

## **9. SACRS Program Committee Report – No Action**

David MacDonald, Contra Costa CERA, SACRS Program Committee Chair

### A. SACRS Annual Spring 2023 Conference Report

**Discussion:** David MacDonald thanked everyone for attending the conference, he also showed his appreciation to the program committee members for their hard work and dedication. The agenda was well received, and the committee has started planning the Fall Conference.



## 10. SACRS Affiliate Committee Report – No Action

Joanne Svendsgaard, Millennium, SACRS Affiliate Committee Chair

### A. Affiliate Committee Update

**Discussion:** Joanne Svendsgaard gave a verbal update on the Affiliate Committee breakout. The session was well attended, and they received many comments of appreciation for the topic.

The committee is working on the election process for the committee to coincide with the SACRS Board of Directors elections. More information will follow later in the year.

## 11. SACRS Bylaws Committee Report – No Action

Barbara Hannah, San Bernardino CERA, SACRS Bylaws Committee Chair

### A. Bylaws Committee Update

**No report**

## 12. SACRS Spring Conference Breakout Reports – No Action

A representative from each breakout will give a report on their breakouts from Wednesday, May 10th.

- A. Administrator Breakout – Eric Stern, Sacramento CERS will moderate the Fall breakout.
- B. Affiliate Breakout – See committee report.
- C. Attorney Breakout – Aaron Zaheen, Tulare CERA, will moderates the Fall breakout.
- D. Disability/Operations & Benefits Combo Breakout – no report.
- E. Internal Auditors Breakout - no report
- F. Investment Officer Breakout – no report
- G. Safety Trustee Breakout – Good meeting, participation by several of the Systems. Discussion of volunteers to help monitor reception and meet with the hotels prior to conferences.
- H. General Trustee Breakout – Great attendance, the session was well received. The presenter was data driven and had attendees waiting in line after the session was over to ask more questions. Many comments to have him return for a general session. Adele Tagaloa will moderate the Fall breakout.

## 13. Adjournment

Next scheduled SACRS Business Meeting will be held Friday, November 10, 2023, at the Omni Rancho Las Palmas Resort & Spa in Rancho Mirage, CA.

**Meeting Adjourned at 10:59 am**



### **3. Treasurer's Report - Receive and File**

Jordan Kaufman, Kern CERA, SACRS Treasurer

#### A. July – August 2023 Financials

STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS

Balance Sheet

As of August 31, 2023

ASSETS

Current Assets

Checking/Savings

1000 · First Foundation Bank-Checking	207,777.31
1001 · BofA Interest Checking 4389	46,674.72
1002 · First Foundation Bank ICS Acct	57,615.05

Total Checking/Savings 312,067.08

Other Current Assets

1100 · CalTrust - Medium Term	604,348.65
1107 · CalTrust Liquidity Fund	8,635.95
1110 · CAMP-SACRS Liquidity Fund	508,885.95

Total Other Current Assets 1,121,870.55

Total Current Assets 1,433,937.63

TOTAL ASSETS 1,433,937.63

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Credit Cards

2201 · First Foundation Master Card	-371.83
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Total Credit Cards -371.83

Total Current Liabilities -371.83

Total Liabilities -371.83

Equity

32000 · Retained Earnings 1,266,654.18

Net Income 167,655.28

Total Equity 1,434,309.46

TOTAL LIABILITIES & EQUITY 1,433,937.63



**STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS**  
**Profit & Loss Budget vs. Actual**  
July through August 2023

Ordinary Income/Expense	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
<b>Income</b>				
<b>4100 · Membership Dues</b>				
4101 · Affiliates	201,000.00	322,500.00	-121,500.00	62.33%
4102 · Non Profit - Organizations	1,200.00	3,000.00	-1,800.00	40.0%
4103 · Non Profit - Systems	5,400.00	6,500.00	-1,100.00	83.08%
4104 · Systems - Medium	48,000.00	52,000.00	-4,000.00	92.31%
4105 · Systems - Large	30,000.00	42,000.00	-12,000.00	71.43%
<b>Total 4100 · Membership Dues</b>	<b>285,600.00</b>	<b>426,000.00</b>	<b>-140,400.00</b>	<b>67.04%</b>
<b>4200 · Webinar Symposium Registration</b>				
4201 · Affiliates - Early	0.00	0.00	0.00	0.0%
4202 · Affiliates - Regular	0.00	1,250.00	-1,250.00	0.0%
4203 · Affiliates - Late/Onsite	0.00	0.00	0.00	0.0%
4204 · Non Profit	0.00	0.00	0.00	0.0%
4205 · Systems	0.00	1,250.00	-1,250.00	0.0%
4206 · Non-Members	0.00	2,000.00	-2,000.00	0.0%
<b>Total 4200 · Webinar Symposium Registration</b>	<b>0.00</b>	<b>4,500.00</b>	<b>-4,500.00</b>	<b>0.0%</b>
<b>4250 · Product Income</b>				
4251 · CERL	0.00	200.00	-200.00	0.0%
4252 · Roster	0.00	0.00	0.00	0.0%
4253 · Website Advertising	0.00	0.00	0.00	0.0%
4254 · Website Job Board	100.00	0.00	100.00	100.0%
4255 · Magazine Advertising	0.00	0.00	0.00	0.0%
4256 · On Demand Education	0.00	0.00	0.00	0.0%
4257 · Trustee Handbooks	0.00	0.00	0.00	0.0%
4269 · Product Shipping	0.00	0.00	0.00	0.0%
<b>Total 4250 · Product Income</b>	<b>100.00</b>	<b>200.00</b>	<b>-100.00</b>	<b>50.0%</b>
<b>4270 · UC Berkeley Program</b>				
4271 · Registrations	22,500.00	80,000.00	-57,500.00	28.13%
4272 · Sponsorships	25,000.00	40,000.00	-15,000.00	62.5%
4273 · Spouse	0.00	1,000.00	-1,000.00	0.0%
4270 · UC Berkeley Program - Other	0.00			
<b>Total 4270 · UC Berkeley Program</b>	<b>47,500.00</b>	<b>121,000.00</b>	<b>-73,500.00</b>	<b>39.26%</b>
<b>4300 · Fall Conference Registration</b>				
4301 · Affiliates - Early	0.00	0.00	0.00	0.0%
4302 · Affiliates - Regular	77,292.00	271,200.00	-193,908.00	28.5%
4303 · Affiliates - Late/Onsite	0.00	84,480.00	-84,480.00	0.0%
4304 · Non Profit	150.00	1,500.00	-1,350.00	10.0%
4305 · Systems	6,480.00	20,000.00	-13,520.00	32.4%
4306 · Non-Members	70,488.00	224,280.00	-153,792.00	31.43%
4307 · Fun Run	330.00	500.00	-170.00	66.0%
4308 · Yoga	195.00	100.00	95.00	195.0%
4309 · Spouse	800.00	5,000.00	-4,200.00	16.0%
<b>Total 4300 · Fall Conference Registration</b>	<b>155,735.00</b>	<b>607,060.00</b>	<b>-451,325.00</b>	<b>25.65%</b>



**STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS**  
**Profit & Loss Budget vs. Actual**  
July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
<b>4350 - Spring Conference Registration</b>				
4351 - Affiliates - Early	1,020.00	0.00	1,020.00	100.0%
4352 - Affiliates - Regular	4,520.00	271,200.00	-266,680.00	1.67%
4353 - Affiliates - Late/Onsite	1,280.00	84,480.00	-83,200.00	1.52%
4354 - Non Profit	240.00	1,500.00	-1,260.00	16.0%
4355 - Systems	1,680.00	20,000.00	-18,320.00	8.4%
4356 - Non-Members	8,010.00	224,280.00	-216,270.00	3.57%
4357 - Fun Run	180.00	500.00	-320.00	36.0%
4358 - Yoga	45.00	100.00	-55.00	45.0%
4359 - Spouse	0.00	5,000.00	-5,000.00	0.0%
<b>Total 4350 - Spring Conference Registration</b>	<b>16,975.00</b>	<b>607,060.00</b>	<b>-590,085.00</b>	<b>2.8%</b>
<b>4900 - Interest Earned</b>	<b>9,262.98</b>	<b>0.00</b>	<b>9,262.98</b>	<b>100.0%</b>
<b>Total Income</b>	<b>515,172.98</b>	<b>1,765,820.00</b>	<b>-1,250,647.02</b>	<b>29.18%</b>
<b>Gross Profit</b>	<b>515,172.98</b>	<b>1,765,820.00</b>	<b>-1,250,647.02</b>	<b>29.18%</b>
<b>Expense</b>				
<b>5000 - Administrative Fee</b>	37,500.00	225,000.00	-187,500.00	16.67%
5001 - Administrative Services	0.00	500.00	-500.00	0.0%
5002 - Awards	-902.56	500.00	-1,402.56	-180.51%
5003 - Bank Charges/Credit Card Fees	4,689.58	36,000.00	-31,310.42	13.03%
<b>5010 - Berkeley &amp; Symposium</b>				
5011 - Audio/Visual	0.00	8,204.00	-8,204.00	0.0%
5012 - Delivery & Shipping	112.55	0.00	112.55	100.0%
5013 - Hotel	0.00	0.00	0.00	0.0%
5014 - Food & Beverage	0.00	12,500.00	-12,500.00	0.0%
5015 - Materials/Printing/Design	1,934.16	1,000.00	934.16	193.42%
5016 - Travel	0.00	1,000.00	-1,000.00	0.0%
5017 - UC Berkeley	240,000.00	240,000.00	0.00	100.0%
<b>Total 5010 - Berkeley &amp; Symposium</b>	<b>242,046.71</b>	<b>262,704.00</b>	<b>-20,657.29</b>	<b>92.14%</b>
<b>5020 - Webinar Symposium</b>				
5021 - Webinar Speaker	0.00	0.00	0.00	0.0%
5022 - Webinar Technology	0.00	25,000.00	-25,000.00	0.0%
5023 - Webinar Misc	0.00	0.00	0.00	0.0%
<b>Total 5020 - Webinar Symposium</b>	<b>0.00</b>	<b>25,000.00</b>	<b>-25,000.00</b>	<b>0.0%</b>
<b>5030 - CERL</b>				
5031 - Materials/Printing/Design	0.00	16,500.00	-16,500.00	0.0%
5032 - Shipping	0.00	1,300.00	-1,300.00	0.0%
<b>Total 5030 - CERL</b>	<b>0.00</b>	<b>17,800.00</b>	<b>-17,800.00</b>	<b>0.0%</b>
5039 - Charitable Contributions	0.00	0.00	0.00	0.0%
5040 - Commissions & Fees	25.00	15,000.00	-14,975.00	0.17%
5041 - Consulting	4,582.00	21,192.00	-16,610.00	21.62%
5042 - Dues & Subscriptions	0.00	3,700.00	-3,700.00	0.0%
<b>5050 - Fall Conference</b>				
5051 - Audio/Visual	0.00	103,000.00	-103,000.00	0.0%
5052 - Delivery & Shipping	0.00	2,500.00	-2,500.00	0.0%

**STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS**  
**Profit & Loss Budget vs. Actual**  
 July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
5053 - Entertainment	0.00	6,500.00	-6,500.00	0.0%
5054 - Hotel				
5054.1 - Wednesday Night Event	0.00	82,500.00	-82,500.00	0.0%
5054.2 - Conference	0.00	35,000.00	-35,000.00	0.0%
5054.3 - Food & Beverage	0.00	275,000.00	-275,000.00	0.0%
<b>Total 5054 - Hotel</b>	<b>0.00</b>	<b>392,500.00</b>	<b>-392,500.00</b>	<b>0.0%</b>
5055 - Program Material	0.00	25,000.00	-25,000.00	0.0%
5056 - Speakers	0.00	50,000.00	-50,000.00	0.0%
5057 - Supplies	0.00	500.00	-500.00	0.0%
5058 - Travel	0.00	15,000.00	-15,000.00	0.0%
<b>Total 5050 - Fall Conference</b>	<b>0.00</b>	<b>595,000.00</b>	<b>-595,000.00</b>	<b>0.0%</b>
5070 - Insurance	35.00	5,000.00	-4,965.00	0.7%
5071 - Legal & Professional Fees	0.00	25,000.00	-25,000.00	0.0%
5072 - Legislative Advocacy	10,468.00	62,808.00	-52,340.00	16.67%
5080 - Magazine				
5081 - Delivery & Shipping	0.00	600.00	-600.00	0.0%
5082 - Design/Printing/Etc.	0.00	15,000.00	-15,000.00	0.0%
5083 - Magazine - Other	0.00	8,000.00	-8,000.00	0.0%
5080 - Magazine - Other	0.00	0.00	0.00	0.0%
<b>Total 5080 - Magazine</b>	<b>0.00</b>	<b>23,600.00</b>	<b>-23,600.00</b>	<b>0.0%</b>
6000 - Board & Committees				
6001 - Board of Directors				
6001.1 - Food & Beverage	25,654.92	25,000.00	654.92	102.62%
6001.2 - Printing/Supplies	885.23	0.00	885.23	100.0%
6001.3 - Travel - BOD Meetings	2,451.35	10,000.00	-7,548.65	24.51%
6001.4 - Travel - Miscellaneous BOD	0.00	10,000.00	-10,000.00	0.0%
6001.5 - Board Of Directors - Other	0.00	10,000.00	-10,000.00	0.0%
6001 - Board of Directors - Other	5,000.00			
<b>Total 6001 - Board of Directors</b>	<b>33,991.50</b>	<b>55,000.00</b>	<b>-21,008.50</b>	<b>61.8%</b>
6002 - Legislative Committee Meetings	0.00	0.00	0.00	0.0%
6003 - Program Committee Meetings	0.00	0.00	0.00	0.0%
6004 - Nominating Committee Meetings	0.00	0.00	0.00	0.0%
6005 - Audit Committee Meetings	0.00	0.00	0.00	0.0%
6006 - Education Committee Meetings	0.00	0.00	0.00	0.0%
6007 - ByLaws Committee Meetings	0.00	0.00	0.00	0.0%
<b>Total 6000 - Board &amp; Committees</b>	<b>33,991.50</b>	<b>55,000.00</b>	<b>-21,008.50</b>	<b>61.8%</b>
6010 - Office Expenses / Supplies	641.24	2,500.00	-1,858.76	25.65%
6011 - Postage & Delivery	604.37	8,500.00	-7,895.63	7.11%
6020 - Spring Conference				
6021 - Audio/Visual	0.00	103,000.00	-103,000.00	0.0%
6022 - Delivery & Shipping	0.00	2,500.00	-2,500.00	0.0%
6023 - Entertainment	0.00	6,500.00	-6,500.00	0.0%
6024 - Hotel				
6024.1 - Wednesday Night Event	0.00	82,500.00	-82,500.00	0.0%

**STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS**  
**Profit & Loss Budget vs. Actual**  
 July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
6024.2 - Conference	1,835.86	0.00	1,835.86	100.0%
6024.3 - Food & Beverage	0.00	275,000.00	-275,000.00	0.0%
<b>Total 6024 - Hotel</b>	<b>1,835.86</b>	<b>357,500.00</b>	<b>-355,664.14</b>	<b>0.51%</b>
6025 - Program Material	-808.07	25,000.00	-25,808.07	-3.23%
6026 - Speakers	0.00	50,000.00	-50,000.00	0.0%
6027 - Supplies	0.00	1,000.00	-1,000.00	0.0%
6028 - Travel	0.00	15,000.00	-15,000.00	0.0%
<b>Total 6020 - Spring Conference</b>	<b>1,027.79</b>	<b>560,500.00</b>	<b>-559,472.21</b>	<b>0.18%</b>
6050 - Strategic Facilitator	0.00	0.00	0.00	0.0%
6051 - Taxes & Licenses	0.00	600.00	-600.00	0.0%
6053 - Technology/AMS/Website	12,809.07	42,000.00	-29,190.93	30.5%
6054 - Travel	0.00	2,000.00	-2,000.00	0.0%
<b>Total Expense</b>	<b>347,517.70</b>	<b>1,989,904.00</b>	<b>-1,642,386.30</b>	<b>17.46%</b>
<b>Net Ordinary Income</b>	<b>167,655.28</b>	<b>-224,084.00</b>	<b>391,739.28</b>	<b>-74.82%</b>
<b>Net Income</b>	<b>167,655.28</b>	<b>-224,084.00</b>	<b>391,739.28</b>	<b>-74.82%</b>



STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS

Profit & Loss by Class

July through August 2023

August GENERAL Future TOTAL

Ordinary Income/Expense

Income

4100 - Membership Dues

4101 - Affiliates	0.00	201,000.00	0.00	201,000.00
4102 - Non Profit - Organizations	0.00	1,200.00	0.00	1,200.00
4103 - Non Profit - Systems	0.00	5,400.00	0.00	5,400.00
4104 - Systems - Medium	0.00	48,000.00	0.00	48,000.00
4105 - Systems - Large	0.00	30,000.00	0.00	30,000.00

<b>Total 4100 - Membership Dues</b>	<b>0.00</b>	<b>285,600.00</b>	<b>0.00</b>	<b>285,600.00</b>
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4250 - Product Income

4254 - Website Job Board	0.00	100.00	0.00	100.00
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<b>Total 4250 - Product Income</b>	<b>0.00</b>	<b>100.00</b>	<b>0.00</b>	<b>100.00</b>
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4270 - UC Berkeley Program

4271 - Registrations	0.00	22,500.00	0.00	22,500.00
4272 - Sponsorships	0.00	25,000.00	0.00	25,000.00
4270 - UC Berkeley Program - Other	0.00	0.00	0.00	0.00

<b>Total 4270 - UC Berkeley Program</b>	<b>0.00</b>	<b>47,500.00</b>	<b>0.00</b>	<b>47,500.00</b>
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4300 - Fall Conference Registration

4302 - Affiliates - Regular	0.00	77,292.00	0.00	77,292.00
4304 - Non Profit	0.00	150.00	0.00	150.00
4305 - Systems	0.00	6,480.00	0.00	6,480.00
4306 - Non-Members	0.00	70,488.00	0.00	70,488.00
4307 - Fun Run	0.00	330.00	0.00	330.00
4308 - Yoga	0.00	195.00	0.00	195.00
4309 - Spouse	0.00	800.00	0.00	800.00

<b>Total 4300 - Fall Conference Registration</b>	<b>0.00</b>	<b>155,735.00</b>	<b>0.00</b>	<b>155,735.00</b>
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4350 - Spring Conference Registration

4351 - Affiliates - Early	1,020.00	0.00	0.00	1,020.00
4352 - Affiliates - Regular	4,520.00	0.00	0.00	4,520.00
4353 - Affiliates - Late/Onsite	1,280.00	0.00	0.00	1,280.00
4354 - Non Profit	240.00	0.00	0.00	240.00
4355 - Systems	1,680.00	0.00	0.00	1,680.00
4356 - Non-Members	8,010.00	0.00	0.00	8,010.00
4357 - Fun Run	180.00	0.00	0.00	180.00
4358 - Yoga	45.00	0.00	0.00	45.00

<b>Total 4350 - Spring Conference Registration</b>	<b>16,975.00</b>	<b>0.00</b>	<b>0.00</b>	<b>16,975.00</b>
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4900 - Interest Earned

0.00	9,262.98	0.00	9,262.98
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Total Income

16,975.00	498,197.98	0.00	515,172.98
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Gross Profit

16,975.00	498,197.98	0.00	515,172.98
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Expense

5000 - Administrative Fee	0.00	37,500.00	0.00	37,500.00
5002 - Awards	0.00	-902.56	0.00	-902.56
5003 - Bank Charges/Credit Card Fees	0.00	4,689.58	0.00	4,689.58
5010 - Berkeley & Symposium				
5012 - Delivery & Shipping	0.00	112.55	0.00	112.55

STATE ASSOCIATION OF COUNTY RETIREMENT SYSTEMS

Profit & Loss by Class

July through August 2023

	Fig	GENERAL	Future	TOTAL
5015 · Materials/Printing/Design	0.00	1,934.16	0.00	1,934.16
5017 · UC Berkeley	0.00	240,000.00	0.00	240,000.00
<b>Total 5010 · Berkeley &amp; Symposium</b>	<b>0.00</b>	<b>242,046.71</b>	<b>0.00</b>	<b>242,046.71</b>
5040 · Commissions & Fees	0.00	25.00	0.00	25.00
5041 · Consulting	0.00	4,582.00	0.00	4,582.00
5070 · Insurance	0.00	35.00	0.00	35.00
5072 · Legislative Advocacy	0.00	10,468.00	0.00	10,468.00
6000 · Board & Committees				
6001 · Board of Directors				
6001.1 · Food & Beverage	0.00	25,654.92	0.00	25,654.92
6001.2 · Printing/Supplies	0.00	885.23	0.00	885.23
6001.3 · Travel - BOD Meetings	0.00	2,451.35	0.00	2,451.35
6001 · Board of Directors - Other	0.00	5,000.00	0.00	5,000.00
<b>Total 6001 · Board of Directors</b>	<b>0.00</b>	<b>33,991.50</b>	<b>0.00</b>	<b>33,991.50</b>
<b>Total 6000 · Board &amp; Committees</b>	<b>0.00</b>	<b>33,991.50</b>	<b>0.00</b>	<b>33,991.50</b>
6010 · Office Expenses / Supplies	0.00	641.24	0.00	641.24
6011 · Postage & Delivery	0.00	604.37	0.00	604.37
6020 · Spring Conference				
6024 · Hotel				
6024.2 · Conference	0.00	1,835.86	0.00	1,835.86
<b>Total 6024 · Hotel</b>	<b>0.00</b>	<b>1,835.86</b>	<b>0.00</b>	<b>1,835.86</b>
6025 · Program Material	0.00	-808.07	0.00	-808.07
<b>Total 6020 · Spring Conference</b>	<b>0.00</b>	<b>1,027.79</b>	<b>0.00</b>	<b>1,027.79</b>
6053 · Technology/AMS/Website	0.00	12,809.07	0.00	12,809.07
6054 · Travel	0.00	0.00	0.00	0.00
<b>Total Expense</b>	<b>0.00</b>	<b>347,517.70</b>	<b>0.00</b>	<b>347,517.70</b>
<b>Net Ordinary Income</b>	<b>16,975.00</b>	<b>150,680.28</b>	<b>0.00</b>	<b>167,655.28</b>
<b>Net Income</b>	<b>16,975.00</b>	<b>150,680.28</b>	<b>0.00</b>	<b>167,655.28</b>



#### **4. SACRS President Report - No Action**

David MacDonald, Contra Costa CERA, SACRS President

- A. SACRS President Update. Verbal report, no printed materials for this item.



## **5. SACRS Legislative Committee Update – Action**

Eric Stern, Sacramento CERS and Dave Nelsen, Alameda CERA – SACRS Legislative Committee Co-Chairs

- A. 2023 Legislative Report – No Action
- B. 2024 Legislative Proposals – Action Item





October 5, 2023

TO: State Association of County Retirement Systems

FROM: Edelstein Gilbert Robson & Smith, LLC

RE: **Legislative Update – October 2023**

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The California Legislature closed out its work for the 2023 legislative session on the evening of September 14<sup>th</sup>, sending approximately 900 bills to the Governor for consideration. The Governor has until October 14<sup>th</sup> to act on those measures.

While there were several areas of public policymaking that captured the Legislature's attention this year, labor and employment policy primarily dominated the legislative landscape. This was driven by ongoing strikes affecting the entertainment and Southern California lodging industries. Additionally, threatened strikes by healthcare workers, state and local public employee unions, UPS, pending statewide ballot measures, and a referendum to overturn a recently enacted restaurant wage law, the media deemed summer 2023 to be California's "[Hot Labor Summer](#)".

The Democrat dominated and labor-friendly Legislature responded with dozens of legislative proposals aimed at assisting its most important constituency: organized labor. With overwhelming 3/4 supermajorities in each house of the Legislature, labor-backed, Democrat-authored labor bills are almost certain to pass. Among the many labor-backed bills that the Governor has acted on are:

[SB 799 \(Portantino\) Unemployment Insurance for Striking Workers -- VETOED](#)

This bill would have made striking workers who have been on strike for more than two weeks eligible for unemployment insurance benefits.

[SB 616 \(Gonzalez\) – Paid Sick Leave -- SIGNED](#)

This bill would extend the annual amount of paid sick leave required to be given to an employee from three days to five days.

The Governor has not yet acted on [AB 1](#) which would allow legislative employees to join a union and collectively bargain for their wages and working conditions.

**Legislation of Interest**

**SB 885 (Committee on Labor, Public Employment and Retirement).** This is the annual committee omnibus bill that contains various cleanup provisions for CalSTRS, CalPERS and CERL systems. The amendments to the CERL make non-substantive, technical changes as well as conform provisions on Required Minimum Distributions to federal law under the SECURE ACT 2.0 by referencing the federal law instead of a specific age.



The Governor signed this bill into law.

**AB 1020 (Grayson) – CERL Disability Presumptions.** This bill would establish several new disability retirement presumptions for various injuries and illnesses in the CERL, similar to provisions that exist in the Labor Code. The bill is sponsored by the California Professional Firefighters. The author and sponsor agreed to technical clarifications proposed by SACRS that were amended into the bill in June. CSAC remains opposed to the bill.

The bill is on the Governor’s desk.

**AB 1637 (Irwin) - Local Government Websites and Email Addresses.** Would, no later than January 1, 2029, require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a “.gov” top-level domain or a “.ca.gov” second-level domain and would require a local agency that maintains an internet website that is noncompliant with that requirement to redirect that internet website to a domain name that does utilize a “.gov” or “.ca.gov” domain. This bill, no later than January 1, 2029, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a “.gov” domain name or a “.ca.gov” domain name. By adding to the duties of local officials, the bill would impose a state-mandated local program.

The bill is on the Governor’s desk.

**AB 557 (Hart) - Brown Act Emergency Teleconferencing Sunset Extension.** This bill would remove the sunset in current law to allow teleconferencing during certain emergencies as well as increase the time period when the Board must renew the findings of an emergency or need for social distancing from 30 days to 45 days.

The bill is on the Governor’s desk.

**SB 537 (Becker) - Teleconference Flexibilities.** This bill would allow expanded teleconference flexibilities for multijurisdictional, cross county legislative bodies if certain requirements are met, along with adding to the list of circumstances where a member is permitted to participate remotely. The bill has been narrowed considerably as it advanced through various policy committees in each house.

The bill was held on the Assembly Floor and may be considered when the Legislature returns in January.

### **2024 Legislative Preview**

The legislative committee is currently working on proposals for consideration at the fall conference.



September 15, 2023

RE: SACRS Legislative Proposals 2024

Dear SACRS Board of Directors,

The SACRS Legislative Committee has developed a legislative package for consideration in the upcoming 2024 legislative session. These proposals reflect the input of SACRS member systems and are intended to provide technical and administrative clarity to various sections of the County Employees Retirement Law of 1937 (CERL or '37 Act).

Proposed amendments to the CERL include the following:

- Clarification that a retiree's pension payment can be deposited in a trust account controlled by that member. This is not intended to change the statutory intent that an ongoing pension payment must be made to a natural person; however, the amendment provides uniformity to an issue that has been interpreted differently across the '37 Act systems. SACRS' tax counsel from the Hanson Bridgett law firm has reviewed the language for appropriateness and compliance with federal and California law.
- Authority for a Board of Retirement to make payments to retirees through a prepaid account (like a debit card). This amendment is intended to accommodate retirees who may not have a traditional checking or savings account, leaving the only option to receive regular pension payments through paper check by mail or in-person. The COVID-19 pandemic and past natural disasters have shown that the use of paper checks can be adversely affected in delivering promised benefits. This amendment only authorizes the system to utilize prepaid accounts as a payment method; it does not mandate it.
- Removal of requirement for a certified mail "return receipt" when sending notices to terminated members or beneficiaries that they have contributions or unclaimed benefits remaining with the system. Though IRS regulations require registered or certified mail for locating members and beneficiaries, the "return receipt" language found in the CERL is not an IRS requirement and reflects an outdated practice. Certified mail now allows the sender to electronically track the letter at significant cost savings.



- Direction for retirement systems to take certain actions when retired members exceed the 960-hour post-retirement employment limit. The proposed amendments would require the system to offset the member’s retirement allowance by the equivalent excess hours paid above 960 hours to ensure that the retired member is not receiving a pension and a salary outside of the prescribed limit. These amendments do not preclude retirement system from also reinstating the member into active service as the system deems necessary.

We thank the Legislative Committee for reviewing these proposals and engaging in a collaborative, deliberative process to achieve consensus on issues. Though seemingly technical, these amendments represent process improvements that will provide administrative efficiencies to retirement systems and members.

Respectfully,

/s/

David Nelsen and Eric Stern  
Co-Chairs, Legislative Committee

#### ATTACHMENT

- SACRS Draft Language – 2024 CERL Amendments

**Government Code Section 31452.6 (Amend)**

31452.6. (a) The board shall comply with and give effect to a revocable written authorization signed by a retired member or beneficiary of a retired member entitled to a retirement allowance or benefit under this chapter or the California Public Employees' Pension Reform Act of 2013, authorizing the treasurer or other entity authorized by the board to deliver the monthly warrant, check, or electronic fund transfer, for the retirement allowance or benefit to any specified bank, savings and loan institution, ~~or~~ credit union, or prepaid account to be credited to the account of the retired member or survivor of a deceased retired member. That delivery is full discharge of the liability of the board to pay a monthly retirement allowance or benefit to the retired member or survivor of a deceased retired member.

(b) Any payments directly deposited by electronic fund transfer following the date of death of a person who was entitled to receive a retirement allowance or benefit under this chapter or the California Public Employees' Pension Reform Act of 2013 shall be refunded to the retirement system.

(c) In order to obtain information from a financial institution following the death of a retired member or the beneficiary of a retired member, as provided in subdivision (o) of Section 7480, the board may certify in writing to the financial institution that the retired member or the beneficiary of a retired member has died and that transfers to the account of the retired member or beneficiary of a retired member at the financial institution from the retirement system occurred after the date of death of the retired member or the beneficiary of a retired member.

(d)(1) For purposes of this section, "the account of the retired member or survivor of a deceased retired member," may include an account held in a living trust or an income only trust (Miller Trust) that is controlled by the retired member or survivor of a deceased retired member or is established for the retired member's (or survivor of a deceased retired member's) benefit in order to qualify for State Medicaid or comparable assistance.

(d)(2) For purposes of this section, the term "prepaid account" shall have the same meaning as defined in, and meet the applicable requirements of, Section 1339.1 of the Unemployment Insurance Code.

**Government Code Section 31590 (Amend)**

(a) All warrants, checks, and electronic fund transfers drawn on the retirement fund shall be signed or authorized by at least two board officers or employees, designated by the board or by the treasurer if designated by the board. If the treasurer is designated by the board, the board shall also designate the auditor to sign or authorize warrants, checks, and electronic fund transfers. The authorization may be by blanket authorization of all warrants, checks, or electronic fund transfers appearing on a list or register, or may be by a standing order to draw warrants, checks, or electronic fund transfers, which shall be good until revoked. If the treasurer and auditor are designated by the board, a warrant, check, or electronic fund transfer is not valid until it is signed or authorized, numbered, and recorded by the county auditor, except as provided in subdivision (c).

(b)(1) Any person entitled to the receipt of benefits may authorize the payment of the

benefits to be directly deposited by electronic fund transfer into the person's account at the financial institution of the person's choice under a program for direct deposit by electronic transfer established by the board or treasurer if authorized by the board. The direct deposit shall discharge the system's obligation in respect to that payment.

(2) Such person may also authorize the payment of their benefits to be deposited into a prepaid account under a program established by the board or treasurer if authorized by the board. The payment of the benefit into the prepaid account shall discharge the system's obligation in respect to that payment. For purposes of this paragraph, the term "prepaid account" shall have the same meaning as defined in, and meet the applicable requirements of, Section 1339.1 of the Unemployment Insurance Code.

(c) The board may, or, if authorized by the board, the treasurer shall, authorize a trust company or trust department of any state or national bank authorized to conduct the business of a trust company in this state or the Federal Reserve Bank of San Francisco or any branch thereof within this state, to process and issue payments by check or electronic fund transfer.

#### **Government Code Section 31628 (Amend)**

If the service of a member is discontinued other than by death or retirement, upon proper application submitted to the retirement board, he or she shall be paid all of his or her accumulated contributions, in accordance with this chapter, minus a withdrawal charge, if a withdrawal charge has been provided for by the regulations of the board. The board may order payment in whole or in part withheld for a period not to exceed six months after date of separation. If a member does not file the proper application, the board shall send to the member, not more than 90 days after termination of service, at his or her last known address, a registered or certified letter, ~~return receipt requested~~, stating that he or she has money to his or her credit on the books of the retirement system and that if he or she does not claim the money within 10 years after date of notice, in the case of persons first employed before January 1, 1976, or within five years in the case of persons first employed on and after January 1, 1976, the money will be deposited in and become a part of the current pension reserve fund.

#### **Government Code Section 31680.2 (Amend)**

(a) Any person who has retired may be employed in a position requiring special skills or knowledge, as determined by the county or district employing them, for a period of time not to exceed 90 working days or 720 hours, whichever is greater, in any one fiscal year or any other 12-month period designated by the board of supervisors and may be paid for that employment. That employment shall not operate to reinstate the person as a member of this system or to terminate or suspend their retirement allowance, and no deductions shall be made from their salary as contributions to this system.

(b) (1) This section shall not apply to any retired person who is otherwise eligible for employment under this section if, during the 12-month period prior to an appointment described in this section, that retired person receives unemployment insurance compensation arising out of prior employment subject to this section with the same employer.

(2) A retired person who accepts an appointment after receiving unemployment insurance compensation as described in this subdivision shall terminate that employment on the last day

of the current pay period and shall not be eligible for reappointment subject to this section for a period of 12 months following the last day of employment.

(3) Beginning January 1, 2013, if any provision of this section conflicts with the California Public Employees' Pension Reform Act of 2013, the provisions of that act shall prevail, except that the limit on postretirement employment provided in subdivision (a) to the greater of 90 working days or 720 hours shall remain effective.

(c) Notwithstanding subdivision (a), the retired person's retirement allowance shall be considered an overpayment to the extent it is payable during any period in which the retired person is employed and paid for that employment in excess of 90 working days or 720 hours, whichever is greater, in any one fiscal year or any other 12-month period designated by the board of supervisors. Such overpayment shall be subject to collection by the retirement system. This paragraph does not preclude the retirement system from taking additional action as it deems necessary to reinstate the person as a member of the system or terminate or suspend their retirement allowance.

**Government Code Section 31680.3 (Amend)**

(a) Notwithstanding Section 31680.2, any member who has been covered under the provisions of Section 31751 and has retired may be reemployed in a position requiring special skills or knowledge, as determined by the county or district employing the member, for a period of time not to exceed 120 working days or 960 hours, whichever is greater, in any one fiscal year and may be paid for that employment. That employment shall not operate to reinstate the person as a member of this system or to terminate or suspend the person's retirement allowance, and no deductions shall be made from the person's salary as contributions to this system.

(b) (1) This section shall not apply to any retired member who is otherwise eligible for reemployment under this section if, during the 12-month period prior to an appointment described in this section, that retired person receives unemployment insurance compensation arising out of prior employment subject to this section with the same employer.

(2) A retired person who accepts an appointment after receiving unemployment insurance compensation as described in this subdivision shall terminate that employment on the last day of the current pay period and shall not be eligible for reappointment subject to this section for a period of 12 months following the last day of employment.

(c) Beginning January 1, 2013, if any provision of this section conflicts with the California Public Employees' Pension Reform Act of 2013, the provisions of that act shall prevail.

(d) Notwithstanding subdivision (a), the retired member's retirement allowance shall be considered an overpayment to the extent it is payable during any period in which the retired member is employed and paid for that employment in excess of 120 working days or 960 hours, whichever is greater, in any one fiscal year. Such overpayment shall be subject to collection by the retirement system. This subdivision does not preclude the retirement system from taking additional action as it deems necessary to reinstate the person as a member of the system or terminate or suspend their retirement allowance.

**Government Code Section 31680.6 (Amend)**

(a) Notwithstanding Section 31680.2, any county subject to Section 31680.2 may, upon adoption of a resolution by a majority vote by the board of supervisors, extend the period of time provided for in Section 31680.2 for which a person who has retired may be employed in a position requiring special skills or knowledge, as determined by the county or district employing him or her, not to exceed 120 working days or 960 hours, whichever is greater, in any one fiscal year or any other 12-month period designated by the board of supervisors and may be paid for that employment. That employment shall not operate to reinstate the person as a member of this system or to terminate or suspend his or her retirement allowance, and no deductions shall be made from his or her salary as contributions to this system.

(b) (1) This section shall not apply to any retired person who is otherwise eligible for employment under this section if, during the 12-month period prior to an appointment described in this section, that retired person receives unemployment insurance compensation arising out of prior employment subject to this section with the same employer.

(2) A retired person who accepts an appointment after receiving unemployment insurance compensation as described in this subdivision shall terminate that employment on the last day of the current pay period and shall not be eligible for reappointment subject to this section for a period of 12 months following the last day of employment.

(c) Beginning January 1, 2013, if any provision of this section conflicts with the California Public Employees' Pension Reform Act of 2013, the provisions of that act shall prevail.

(d) Notwithstanding subdivision (a), the retired person's retirement allowance shall be considered an overpayment to the extent it is payable during any period in which the retired person is employed and paid for that employment in excess of 120 working days or 960 hours, whichever is greater, in any one fiscal year of any other 12-month period designated by the board of supervisors. Such overpayment shall be subject to collection by the retirement system. This section does not preclude the retirement system from taking additional action as it deems necessary to reinstate the person as a member of the system or terminate or suspend their retirement allowance.

**Government Code Section 31680.9 (Add)**

A retired member who is employed pursuant to Section 7522.56 shall have their retirement allowance be considered an overpayment to the extent it is payable during any period in which the retired member is employed and paid for that employment in excess of 960 hours or other equivalent limit in a calendar year or fiscal year. Such overpayment shall be subject to collection by the retirement system. This section does not preclude the retirement system from taking additional action as it deems necessary to reinstate the person as a member of the system or terminate or suspend their retirement allowance.

**Government Code Section 31783.5 (Amend)**

(a) Whenever a person or estate entitled to payment of a member's accumulated contributions or any other benefit fails to claim the payment or cannot be located, the amount owed from the retirement fund shall be administered in accordance with subdivision (c).



(b) The board shall attempt to locate the claimant through such means as the board in its sound discretion deems reasonable including, but not limited to, a registered or certified letter, ~~return receipt requested~~, mailed to the last known address of the claimant.

(c) Notwithstanding any provision of law to the contrary, the amounts described in subdivision (a) shall be held for the claimant. If the amounts are not claimed within five years after the last attempted contact with the claimant, the amounts shall be deposited in and become a part of the pension reserve fund. The board may at any time after transfer of unclaimed amounts, upon receipt of information satisfactory to it, authorize the return of amounts so held in reserve to the credit of the claimant. Those amounts shall be paid only to claimants who have not yet attained the age of mandatory distribution under the Internal Revenue Code



**6. SACRS Nomination Committee - 2024-2025 SACRS Board of Directors Elections – No Action**

Vivian Gray, Los Angeles CERA & SACRS Nomination Committee Chair

A. SACRS Board of Directors Elections 2024-2025



October 1, 2023

To: SACRS Trustees & SACRS Administrators/CEO's  
 From: Vivian Gray, SACRS Immediate Past President, Nominating Committee Chair  
 SACRS Nominating Committee  
 Re: SACRS Board of Director Elections 2024-2025 - Elections Notice

SACRS BOD 2024-2025 election process will begin January 1, 2024. Please provide this election notice to your Board of Trustees and Voting Delegates.

DEADLINE	DESCRIPTION
March 1, 2024	Any regular member may submit nominations for the election of a Director to the Nominating Committee, provided the Nominating Committee receives those nominations no later than noon on March 1 of each calendar year regardless of whether March 1 is a Business Day. Each candidate may run for only one office. Write-in candidates for the final ballot, and nominations from the floor on the day of the election, shall not be accepted.
March 25, 2024	The Nominating Committee will report a final ballot to each regular member County Retirement System prior to March 25
May 10, 2024	Nomination Committee to conduct elections during the SACRS Business Meeting at the Spring Conference
May 10, 2024	Board of Directors take office for 1 year

**Per SACRS Bylaws, Article VIII, Section 1. Board of Director and Section 2. Elections of Directors:**

**Section 1. Board of Directors. The Board shall consist of the officers of SACRS as described in Article VI, Section 1, the immediate Past President, and two (2) regular members**

**A. Immediate Past President.** *The immediate Past President, while he or she is a regular member of SACRS, shall also be a member of the Board. In the event the immediate Past President is unable to serve on the Board, the most recent Past President who qualifies shall serve as a member of the Board.*

**B. Two (2) Regular Members.** *Two (2) regular members shall also be members of the Board with full voting rights.*

**Section 2. Elections of Directors.** *Any regular member may submit nominations for the election of a Director to the Nominating Committee, provided the Nominating Committee receives those nominations no later than noon on March 1 of each calendar year regardless of whether March 1 is a Business Day. Each candidate may run for only one office. Write-in candidates for the final ballot, and nominations from the floor on the day of the election, shall not be accepted.*

*The Nominating Committee will report its suggested slate, along with a list of the names of all members who had been nominated, to each regular member County Retirement System prior to March 25. The Administrator of each regular member County Retirement System shall be responsible for communicating the Nominating Committee's suggested slate to each trustee and placing the election of*



*SACRS Directors on his or her board agenda. The Administrator shall acknowledge the completion of these responsibilities with the Nominating Committee.*

*Director elections shall take place during the first regular meeting of each calendar year. The election shall be conducted by an open roll call vote, and shall conform to Article V, Sections 6 and 7 of these Bylaws.*

*Newly elected Directors shall assume their duties at the conclusion of the meeting at which they are elected, with the exception of the office of Treasurer. The incumbent Treasurer shall co-serve with the newly elected Treasurer through the completion of the current fiscal year.*

The elections will be held at the SACRS Spring Conference May 7-10, 2024. Elections will be held during the Annual Business meeting on Friday, May 10, 2024, in Santa Barbara at the Hilton Santa Barbara Beachfront Resort.

If you have any questions, please contact Vivian Gray at [vgray@lacara.com](mailto:vgray@lacara.com).

Thank you for your prompt attention to this timely matter.

Sincerely,

*Vivian Gray*

Vivian Gray, Trustee, Los Angeles CERA and SACRS Nominating Committee Chair

CC: SACRS Board of Directors  
SACRS Nominating Committee Members  
Sulema H. Peterson, SACRS Executive Director



**SACRS Nomination Submission Form  
SACRS Board of Directors Elections 2024-2025**

All interested candidates must complete this form and submit along with a letter of intent. **Both the form and the letter of intent must be submitted no later than March 1, 2024.** Please submit to the Nominating Committee Chair at [vgray@lacera.com](mailto:vgray@lacera.com) **AND** to SACRS at [sulema@sacrs.org](mailto:sulema@sacrs.org). If you have any questions, please feel free to contact Sulema Peterson at SACRS at (916) 701-5158.

<b>Name of Candidate</b>	Name:
<b>Candidate Contact Information (Please include – Phone Number, Email Address and Mailing Address)</b>	Mailing Address:  Email Address:  Phone:
<b>Name of Retirement System Candidate Currently Serves On</b>	System Name:
<b>List Your Current Position on Retirement Board (Chair, Alternate, Retiree, General Elected, Etc)</b>	<input type="radio"/> Chair <input type="radio"/> Alternate <input type="radio"/> <b>General Elected</b> <input type="radio"/> Retiree <input type="radio"/> Other _____
<b>Applying for SACRS Board of Directors Position (select only one)</b>	<input type="radio"/> President <input type="radio"/> <b>Vice President</b> <input type="radio"/> Treasurer <input type="radio"/> Secretary <input type="radio"/> Regular Member
<b>Brief Bio in Paragraph Format</b>	



## **7. SACRS Audit Report – Action**

Steve Delaney, Orange CERS, SACRS Audit Committee Chair

No report, Audit is currently under review.

No printed materials for this item.



**8. SACRS Education Committee Report – No Action**

JJ Popowich, Los Angeles CERA, SACRS Education Committee Chair

No report, and no printed materials for this item.



**9. SACRS Program Committee Report – No Action**

Adele Tagaloa, Orange CERS & SACRS Program Committee Chair

- A. SACRS Annual Fall 2023 Conference Report.  
Verbal report, no printed materials for this item.





**10. SACRS Affiliate Committee Report – No Action**

Joanne Svendsgaard, SACRS Affiliate Committee Chair

- A. Affiliate Committee report. Verbal update no printed materials for this item.



**11. SACRS Bylaws Committee Report – No Action**

Barbara Hannah, San Bernardino CERA, SACRS Bylaws Committee Chair

- A. Bylaws Committee report. Verbal report, no printed materials for this item.



## **12. SACRS Fall Conference Breakout Reports – No Action**

A representative from each breakout will give a report on their breakouts on Wednesday, November 8th. Verbal reports, no printed materials for this item.

- A. Administrator Breakout
- B. Affiliate Breakout
- C. Attorney Breakout
- D. Disability/Operations & Benefits Combo Breakout
- E. Internal Auditors Breakout
- F. Investment Officer Breakout
- G. Safety Trustee Breakout
- H. General Trustee Breakout



### **13. Adjournment**

Next scheduled SACRS Business Meeting will be held Friday, May 10, 2023, at the Hilton Santa Barbara Beachfront Resort, Santa Barbara, CA.



September 6, 2023

TO: State Association of County Retirement Systems

FROM: Edelman Gilbert Robson & Smith, LLC

RE: **Legislative Update – September 2023**

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Last week, the Legislature met the fiscal committee deadline of September 1. On this day, both the Senate and Assembly Appropriations Committee held their Suspense File hearing, where they dispensed with hundreds of bills at once. The Senate held a little over 20% of the Assembly bills in this Committee while the Assembly held a little over 15% of the Senate bills that it heard on the Suspense File. Bills that are held in the Appropriations Committee are generally considered dead, aside from a small portion of bills that are held as “two year bills” that are eligible to move again early in January.

The Legislature is now in the final two weeks of session– Legislators must pass bills off the floor of the second house, and if needed, the floor of the house of origin for concurrence, before the Legislature adjourns on September 14.

The Governor will then have a month to consider the bills that were placed on his desk at the end of session. The Legislature will remain on recess until 2024, reconvening on January 3.

### **Senate Leadership Update**

On Monday August 28, the Senate Democratic Caucus announced its next leader – Senator Mike McGuire was selected as the Senate Pro Tem Designee. Once the transition occurs, he will replace the current Pro Tem, Senator Toni Atkins, who is terming out in 2024. At this point, it is expected the transition will occur in 2024 and Senator Atkins will remain in her post for the duration of session. Senator McGuire terms out in 2026.

### **Legislation of Interest**

**SB 885 (Committee on Labor, Public Employment and Retirement).** This is the annual committee omnibus bill that contains various cleanup provisions for CalSTRS, CalPERS and CERL systems. The amendments to the CERL make non-substantive, technical changes as well as conform provisions on Required Minimum Distributions to federal law under the SECURE ACT 2.0 by referencing the federal law instead of a specific age.

The Governor signed this bill into law.

**AB 1020 (Grayson) – CERL Disability Presumptions.** This bill would establish several new disability retirement presumptions for various injuries and illnesses in the CERL, similar to provisions that exist in the Labor Code. The bill is sponsored by the California Professional Firefighters. The author and sponsor agreed to technical clarifications proposed by SACRS that were amended into the bill in June. CSAC remains opposed to the bill.

The bill is pending a vote on the Senate Floor.

**AB 1637 (Irwin) - Local Government Websites and Email Addresses.** This bill requires cities and counties to use a ".gov" or ".ca.gov" domain for websites and email addresses by January 1, 2029. This bill passed out of the Senate Appropriations Committee on Friday and is now pending a vote on the Senate Floor.

### **Public Meeting Bills**

**AB 557 (Hart) - Brown Act Emergency Teleconferencing Sunset Extension.** This bill would remove the sunset in current law to allow teleconferencing during certain emergencies as well as increase the time period when the Board must renew the findings of an emergency or need for social distancing from 30 days to 45 days. The bill is pending a vote on the Senate Floor.

**SB 537 (Becker) - Teleconference Flexibilities.** This bill would allow expanded teleconference flexibilities for multijurisdictional, cross county legislative bodies if certain requirements are met, along with adding to the list of circumstances where a member is permitted to participate remotely. The bill has been narrowed considerably as it advanced through various policy committees in each house. The bill is pending a vote on the Assembly Floor.



October 5, 2023

TO: State Association of County Retirement Systems

FROM: Edelstein Gilbert Robson & Smith, LLC

RE: **Legislative Update – October 2023**

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The California Legislature closed out its work for the 2023 legislative session on the evening of September 14<sup>th</sup>, sending approximately 900 bills to the Governor for consideration. The Governor has until October 14<sup>th</sup> to act on those measures.

While there were several areas of public policymaking that captured the Legislature's attention this year, labor and employment policy primarily dominated the legislative landscape. This was driven by ongoing strikes affecting the entertainment and Southern California lodging industries. Additionally, threatened strikes by healthcare workers, state and local public employee unions, UPS, pending statewide ballot measures, and a referendum to overturn a recently enacted restaurant wage law, the media deemed summer 2023 to be California's "[Hot Labor Summer](#)".

The Democrat dominated and labor-friendly Legislature responded with dozens of legislative proposals aimed at assisting its most important constituency: organized labor. With overwhelming 3/4 supermajorities in each house of the Legislature, labor-backed, Democrat-authored labor bills are almost certain to pass. Among the many labor-backed bills that the Governor has acted on are:

[SB 799 \(Portantino\) Unemployment Insurance for Striking Workers -- VETOED](#)

This bill would have made striking workers who have been on strike for more than two weeks eligible for unemployment insurance benefits.

[SB 616 \(Gonzalez\) – Paid Sick Leave -- SIGNED](#)

This bill would extend the annual amount of paid sick leave required to be given to an employee from three days to five days.

The Governor has not yet acted on [AB 1](#) which would allow legislative employees to join a union and collectively bargain for their wages and working conditions.

**Legislation of Interest**

**SB 885 (Committee on Labor, Public Employment and Retirement).** This is the annual committee omnibus bill that contains various cleanup provisions for CalSTRS, CalPERS and CERL systems. The amendments to the CERL make non-substantive, technical changes as well as conform provisions on Required Minimum Distributions to federal law under the SECURE ACT 2.0 by referencing the federal law instead of a specific age.



The Governor signed this bill into law.

**AB 1020 (Grayson) – CERL Disability Presumptions.** This bill would establish several new disability retirement presumptions for various injuries and illnesses in the CERL, similar to provisions that exist in the Labor Code. The bill is sponsored by the California Professional Firefighters. The author and sponsor agreed to technical clarifications proposed by SACRS that were amended into the bill in June. CSAC remains opposed to the bill.

The bill is on the Governor's desk.

**AB 1637 (Irwin) - Local Government Websites and Email Addresses.** Would, no later than January 1, 2029, require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a “.gov” top-level domain or a “.ca.gov” second-level domain and would require a local agency that maintains an internet website that is noncompliant with that requirement to redirect that internet website to a domain name that does utilize a “.gov” or “.ca.gov” domain. This bill, no later than January 1, 2029, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a “.gov” domain name or a “.ca.gov” domain name. By adding to the duties of local officials, the bill would impose a state-mandated local program.

The bill is on the Governor's desk.

**AB 557 (Hart) - Brown Act Emergency Teleconferencing Sunset Extension.** This bill would remove the sunset in current law to allow teleconferencing during certain emergencies as well as increase the time period when the Board must renew the findings of an emergency or need for social distancing from 30 days to 45 days.

The bill is on the Governor's desk.

**SB 537 (Becker) - Teleconference Flexibilities.** This bill would allow expanded teleconference flexibilities for multijurisdictional, cross county legislative bodies if certain requirements are met, along with adding to the list of circumstances where a member is permitted to participate remotely. The bill has been narrowed considerably as it advanced through various policy committees in each house.

The bill was held on the Assembly Floor and may be considered when the Legislature returns in January.

### **2024 Legislative Preview**

The legislative committee is currently working on proposals for consideration at the fall conference.



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**From:** Western Asset <clientservice@westernasset.com>  
**Sent:** Thursday, September 28, 2023 9:30 AM  
**To:** Ayala, Chris  
**Subject:** Save the Date: 2024 Rose Parade

**WARNING:** If you believe this message may be malicious use the Phish Alert Button to report it or forward the message to [Email.Security@ventura.org](mailto:Email.Security@ventura.org).



# The 135th Rose Parade®

## Save the Date!

Please join us on Monday, January 1, 2024, for the **135th Rose Parade®** presented by **Honda**, and enjoy a front row seat on the parade route live from our offices in Pasadena.

We are honored to participate in the festivities again this year. Please look out for our float, "Together in Harmony"!

Western Asset Management Company, LLC  
385 East Colorado Boulevard, Pasadena, California 91101

VCERA Board Self-Assessment Questionnaire for Governance Project:

- 1) How many years have you been on the Board?
  - a. Under 1 year
  - b. 1-5 years
  - c. 5-10 years
  - d. Over 10 years
  
- 2) Identify 1 or 2 of the most effective aspects of the Board's current structure and operations.
  
  
  
  
  
  
  
  
  
  
- 3) Identify 1 or 2 areas of improvement for the Board's current structure and operations.
  
  
  
  
  
  
  
  
  
  
- 4) Identify 1 or 2 topics that are currently included on Board agendas that you believe may more effectively be addressed by a Board committee for presentation to the Board with recommendations and/or ratification. For instance:
  - a. Investments commitments (new, reups, etc.)
  - b. Governance – Regulation and Policy review
  
  
  
  
  
  
  
  
  
  
- 5) Identify 1 or 2 topics that are currently included on Board agendas that you believe may more effectively be addressed by VCERA staff for presentation to the Board and/or a committee for oversight/monitoring, but not necessarily Board action. For instance:
  - a. Administrative contracts under a specified amount
  - b. Investment commitments (new, reups, etc.) under a specified amount
  - c. Disabilities designated for approval on consent
  - d. Approval of staff travel

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- 6) In addition to the Board's current Finance Committee and Personnel Review Committee, which of the following standing committees would you like the Board to consider forming:
  - a. Governance
  - b. Audit
  - c. Operations Oversight
  - d. Disability Retirement
  - e. Investment
  - f. Other?
  
- 7) If the Board were to adopt a more robust committee structure, would you consider monthly, rather than semi-monthly, Board meetings?
  
- 8) Have you ever served as a Board or Committee Chair or Vice-Chair?
  
- 9) Describe 1 or 2 best practices you have observed in the Board and its Committee's Chairs and Vice Chairs during your tenure on the Board?
  
- 10) Describe 1 or 2 areas of improvement you would recommend to the Board and its Committee's Chairs and Vice Chairs?
  
- 11) How many educational training workshops or conferences have you attended outside of the retirement system on average during your tenure on the Board?

