

**CITY OF GROSSE POINTE WOODS**  
**NOTICE OF REGULAR MEETING**  
**Pension Retirement System Board of Trustees**  
Thursday, February 5, 2026  
6:00 PM

**City Hall Conference Room at 20025 Mack Plaza, Grosse Pointe Woods, MI**

**AGENDA**

1. Call to order
2. Roll call
3. Acceptance of the meeting agenda.
4. Meeting minutes dated November 6, 2025
5. Trial Balance through December 31, 2025
6. Employee Contribution Refund
  - a. Rita O'Farrell
7. Employee Retention Option Plan (EROP) Application
  - a. Martin Mitchell
8. Retirement Application and Annuity Withdrawal
  - a. Brian Conigliaro
9. June 30, 2025 Actuarial Reports-Foster & Foster Actuaries and Consultants
  - a. GASB Disclosure Information Statements 67/68 as of June 30, 2025
  - b. GASB Disclosure Information Statements 67/68 as of June 30, 2025- Supplemental Annuity
  - c. Actuarial Valuation Public Act 202 Valuation as of June 30, 2025
  - d. June 30, 2025 Summary Annual Report
10. Excerpt from City of Grosse Pointe Woods Annual Comprehensive Financial Report for Fiscal Year End June 30, 2025. Required Supplemental Information-Pension Plan and Supplemental Annuity
11. 4th Quarter 2025 Fund Evaluation Group Report
  - a. December 31, 2025 Performance Review
  - b. Q4 Cautious Optimism
  - c. Small Cap and International Update
12. Pension Ordinance Update Section 2-305 Nonduty Death
  - a. Change Copy
  - b. Clean Copy
13. Payment of Invoices -

a. FEG-	\$ 15,739.00
b. Comerica quarterly invoice	\$ 1,500.00
c. Foster & Foster Actuaries and Consultants	\$ 1,000.00
d. VMT Law	\$ 372.30

14. Annual Administrative Fee Payment
15. New Business/Public Comment
16. Adjournment

**Next Regular Board Meeting – May 7, 2026**

**6:00 PM**

**Submitted by: \_\_\_\_\_, Pension Administrator**

In accordance with Public Act 267 of 1976 (Open Meetings Act), all members of the above Commission/Committee, as well as the general public, are invited to attend this meeting.

Necessary, reasonable auxiliary aids and services to aid individuals with disabilities will be provided. All such requests must be made at least five (5) days prior to a meeting. Individuals with disabilities requiring auxiliary aids or services should contact the City of Grosse Pointe Woods by writing or call the Pension Administrator at (313) 343-2604 or Telecommunications Device for the Deaf (TDD) (313) 343-9249.

PENSION BOARD  
11/6/2025

MINUTES OF A REGULAR MEETING OF THE BOARD OF TRUSTEES FOR THE RETIREMENT SYSTEM (i.e. The Board) OF THE CITY OF GROSSE POINTE WOODS, HELD ON THURSDAY, NOVEMBER 6, 2025, IN THE CONFERENCE ROOM OF THE MUNICIPAL BUILDING, 20025 MACK PLAZA, GROSSE POINTE WOODS, MICHIGAN.

The meeting was called to order at 6:02 p.m. by Chairperson Mayor Arthur Bryant.

The following members were present:

Chairperson Mayor Arthur Bryant  
General Employee Representative Jeremy Bastien  
Citizen Representative Gary Zarb  
Public Safety Representative Brian Conigliaro

Also present:

Pension Administrator, Steven Schmidt  
Pension Attorney, Tom Michaud  
Fund Evaluation Group (FEG), Jeffrey Davis  
Recording Secretary, Tina Hoenicke

Motion by Zarb, supported by Bastien to excuse Council Representative Jim Motschall.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Zarb, supported by Bastien that all items on today's agenda be received and placed on file.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Zarb, supported by Bastien to accept and place on file the minutes of the pension board meeting dated August 7, 2025 as presented.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Bastien, supported by Zarb to receive and place on file the trial balance report as presented through September 30, 2025.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Bastien, supported by Zarb to refund unvested pension contributions, with interest, to Mr. Jarod Smith (DPS) in the amount of \$43,180.13.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Conigliaro, supported by Zarb to receive and place on file the 3rd Quarter Investment Report from FEG ending September 30, 2025. No changes to the plan are recommended at this time.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Motion by Gary, supported by Conigliaro to approve payment for invoices 8.a through 8.d.; FEG in the amount of \$15,022.00, Foster & Foster Actuaries and Consultants in the amount of \$17,181.00, VanOverbeke, Michaud & Timmony, P.C. in the amount of \$1,308.90 and Comerica in the amount of \$1,500.00.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

New Business/Public Comment:

Motion by Zarb, supported by Bastien to approve payment for MAPERS 2026 Membership Renewal in the amount of \$200.00.

Pension Board

11/6/2025

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Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Pension Administrator, Steve Schmidt stated that the pension ordinance in regard to survivor's benefits and spousal requirements will be updated to remove separate requirements for male vs female spousal benefits. The revision will be sent to City Council to authorize when our pension attorney finalizes the revision.

Motion by Zarb, supported by Congiliaro to adjourn at 6:24 pm.

Motion CARRIED by the following vote:

YES: Bryant, Bastien, Conigliaro, Zarb  
NO: None  
ABSENT: Motschall

Minutes recorded by: Tina Hoenicke

Approved by the Pension Board:

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Steven Schmidt, Pension Administrator

Fund 731 PENSION FUND

GL Number	Description	Balance
<b>*** Assets ***</b>		
731-000-005.000	CASH	280,143.12
731-000-005.001	SCHWAB CASH	185,394.51
731-000-056.000	INTEREST REC	1,049.54
731-000-122.000	MUTUAL FUNDS	25,123,697.35
731-000-124.000	INDEXES	25,206,180.63
<b>Total Assets</b>		<b>50,796,465.15</b>
<b>*** Liabilities ***</b>		
<b>Total Liabilities</b>		<b>0.00</b>
<b>*** Fund Balance ***</b>		
731-000-390.100	PRIOR FUND BALANCE	14,407,553.62
731-000-390.200	RETIREE BENEFITS RES	33,151,402.56
<b>Total Fund Balance</b>		<b>47,558,956.18</b>
<b>Beginning Fund Balance</b>		
<b>Net of Revenues VS Expenditures</b>		
<b>Ending Fund Balance</b>		
<b>Total Liabilities And Fund Balance</b>		

Fund 734 SUPPLEMENTAL ANNUITY FUND

GL Number	Description	Balance
<b>*** Assets ***</b>		
734-000-005.000	CASH	16,940.08
734-000-005.001	SCHWAB CASH	420,982.83
734-000-056.000	INTEREST RECEIVABLE	67.00
734-000-122.000	MUTUAL FUNDS	1,659,424.77
734-000-124.000	INDEXES	1,632,502.18
<b>Total Assets</b>		<b>3,729,916.86</b>
<b>*** Liabilities ***</b>		
<b>Total Liabilities</b>		<b>0.00</b>
<b>*** Fund Balance ***</b>		
734-000-390.000	CURRENT FUND BALANCE	2,492,232.86
734-000-390.100	PRIOR FUND BALANCE	65,928.00
734-000-390.300	SUPPLEMENTAL ANNUITY RESERVE	788,255.00
<b>Total Fund Balance</b>		<b>3,346,415.86</b>
<b>Beginning Fund Balance</b>		<b>3,346,415.86</b>
<b>Net of Revenues VS Expenditures</b>		<b>383,501.00</b>
<b>Ending Fund Balance</b>		<b>3,729,916.86</b>
<b>Total Liabilities And Fund Balance</b>		<b>3,729,916.86</b>



## CITY OF GROSSE POINTE WOODS MEMORANDUM

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**Date:** February 5, 2026

**To:** Pension Board Trustees

**From:** Steven Schmidt, Pension Administrator

**Re:** Refund Employee Contributions-O'Farrell

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On August 15, 2025, Administrative Assistant, Rita O'Farrell employment was terminated with the City. Mrs. O'Farrell made contributions to the pension system, but he was not vested in the City's pension plan.

I respectfully request authorization from the Pension Board to refund Rita O'Farrell employee contributions of \$1,692.25 and interest of \$54.61, totaling \$1,746.86.

Thank you.

**City of Grosse Pointe Woods  
Employees Retirement System**

**Employee Retention Option Plan (EROP) APPLICATION**

To: Board of Trustees (the "Retirement Board") of the City of Grosse Pointe Woods Employees Retirement System (the "Retirement System")

I hereby make application for the Employee Retention Option Plan (EROP) made effective on July 1, 2022 as part of the Police Officers Labor Council Grosse Pointe Woods Command Officer's Association Collective Bargaining Agreement with the City of Grosse Pointe Woods. I understand that my election to participate in the EROP is irrevocable and I agree to the terms and conditions of the EROP as set forth in the aforementioned Collective Bargaining Agreement.

Member Information	
Member Name <i>Martin J. Mitchell</i>	
Date of Hire <i>10/16/2000</i>	Elected Length of EROP <i>5</i> years <i>0</i> months
EROP Effective Date <i>02/16/25</i>	EROP End Date (5 yrs. from EROP effective date) <i>02/16/30</i>
Last four numbers of Social Security # <i>**** 2863</i>	Date of Birth <i>09/21/1971</i>
Department <i>public Safety</i>	Current Position Held <i>Detective / PUBLIC SAFETY OFC.</i>
Address <i>1479 Cadmus Dr Troy MI 48085</i>	
Phone # <i>313-401-9055</i>	Email Address <i>mmitchell@gowlmi.us</i>
Is there an EDRO (Eligible Domestic Relationship Order) in place with a previous spouse? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (circle one)	
If yes, to whom: _____ . Provide a copy of the EDRO with this application.	

Current Spousal Information (if any)		
Spousal Name <i>N/A</i>		
Social Security # <i>N/A</i>	Date of Birth <i>N/A</i>	Date of Marriage <i>N/A</i>
Phone # <i>N/A</i>	Email Address <i>N/A</i>	

I understand that at the time I begin participation in the EROP, my retirement benefit is frozen and at no time will I be permitted to increase my retirement benefit due to additional years of service, salary increases, or other promotional increases. Upon commencement of my participation in the EROP, 85% of the monthly retirement benefit (that would have been payable had I elected to retire and commence receipt of a service retirement pension) shall be paid into my EROP Account. I understand that my EROP Account is a notional account and does not require an actual segregation of monies within the retirement system.

### ELECTION OF BENEFICIARY

Member Name		<i>Martin J. Mitchell</i>	
Social Security #	<i>370-92-2863</i>	Date of Birth	<i>09/21/1971</i>
Spousal Beneficiary Name		<i>N/A</i>	
Social Security #	<i>N/A</i>	Date of Birth	<i>N/A</i>

I hereby direct that, if no **spousal survivor pension** is payable from the funds of the retirement system, on account of my death, the total amount of my accumulated contributions at the time of my death be paid to:

Beneficiary Full Name <i>Mara Jade Mitchell</i>		Relationship <i>Daughter</i>
Date of Birth <i>01/10/2006</i>	Phone # (if applicable) <i>248-571-6822</i>	Email (if applicable) <i>marajade2006@icloud.com</i>
Address <i>1479 Cadmus Dr Troy MI 48085</i>		
Beneficiary Full Name <i>Sadie Thornton Mitchell</i>		Relationship <i>Daughter</i>
Date of Birth <i>10/26/2007</i>	Phone # (if applicable) <i>586-770-5428</i>	Email (if applicable) <i>SadiesCORPIO@icloud.com</i>
Address <i>1479 Cadmus Dr Troy MI 48085</i>		
Beneficiary Full Name <i>Margaret Jane Mitchell</i>		Relationship <i>Daughter</i>
Date of Birth <i>11/22/2009</i>	Phone # (if applicable) <i>586-770-5745</i>	Email (if applicable) <i>MJmitchell09@icloud.com</i>
Address <i>1479 Cadmus Dr Troy MI 48085</i>		

Please use back of page if more than three (3) beneficiaries are needed.

If none of the above survive me, payment to be made to my estate.

*Completion of this form supersedes any previously submitted Election of Beneficiary form for the City of Grosse Pointe Woods Employee Retirement System.*

*Signature* 01/13/26 *Signature* 1/13/26  
 Member Signature Date Witness Signature Date

**For Retirement System Use Only**

Retirement Board Secretary Signature

Date Received

During my participation in the EROP, a fixed rate of 3.00% per annum interest shall be credited to my EROP Account.

I understand that my participation in the EROP shall not exceed five (5) years, unless terminated earlier due to my separation of employment with the City prior to that date. At the conclusion of my participation in the EROP, I shall terminate employment with the City and shall begin receiving 100% of my monthly retirement benefit from the Retirement System in effect on the EROP Date. I understand that if I fail to terminate employment as required under the EROP, EROP benefits will cease to accrue and I will forfeit my monthly retirement allowance for so long as I remain employed by the City. In such instance, the forfeiture of the monthly EROP accrual shall in no way be construed as authorization of such continued employment.

I understand that this election is irrevocable and that I have had an opportunity to seek independent legal and financial advice, and that this election is made voluntarily and with full knowledge of its effect. I understand that I am solely responsible for analyzing the tax consequences of my election to participate in the EROP. The Board, the Retirement System, and the City are not responsible for the consequences of my voluntary election to participate in the EROP and/or receipt of retirement benefits from the Retirement System. Participants are strongly encouraged to seek the advice of a competent professional advisor regarding the consequences of making an irrevocable election to participate in the EROP.

I declare the above statements to be true and to the best of my knowledge and belief.



Member Signature

01/13/20

Date



Witness Signature

1/13/20

Date

**For Retirement System Use Only**

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Retirement Board Secretary Signature

---

Date Received

**CITY OF GROSSE POINTE WOODS EMPLOYEES RETIREMENT SYSTEM  
RETIREMENT ALLOWANCE OPTIONS**

**OPTION I:** If a retired member dies before he/she has received payment of the annuity portions of his/her reduced retirement allowance, an aggregate amount equal to his/her accumulated contributions standing to the retired member's credit in the annuity savings fund at the time of his/her retirement, the difference between his/her accumulated contributions and the aggregate amount of annuity payments received by such retired member shall be paid to such person or persons, whom the member nominated by written designation, duly executed and filed with the Pension Board. If there is no such designated person surviving such retired member, the difference, if any, shall be paid to the retired member's legal representative.

**OPTION II:** Upon the death of a retired member, his/her reduced retirement pension shall be continued throughout the life of, and paid to, the person having an insurable interest in the retired member's life, whom the member nominated by written designation, duly executed and filed with the Pension Board before the effective date of the member's retirement.

**OPTION III:** Upon the death of a retired member, half of his/her reduced retirement pension shall be continued throughout the life of, and paid to, the person having an insurable interest in the retired member's life, whom the member nominated by written designation, duly executed and filed with the Pension Board before the effective date of the member's retirement.

**EXAMPLE ONLY - INDIVIDUAL AMOUNTS WILL VARY**

	<u>OPTION I</u>	<u>OPTION II</u>	<u>OPTION III</u>
Adjusted Annual Pension	\$25,258.32	\$22,555.44	\$23,830.44
Monthly Pension	\$2,104.86	\$1,879.62	\$1,985.87
Potential to Beneficiary	Varies*	\$1,879.62	\$992.94

\*Equals the difference between the retainer's accumulated contribution and aggregate amount of the annuity portion of retirement allowance payments received by the retainer.

I have reviewed my retirement allowance options with my representative(s) and confirm that I have chosen:

OPTION I     OPTION II     OPTION III

I have also reviewed the options for annuity withdrawal with my representative(s) and confirm that I have chosen:

ANNUITY WITHDRAWAL     YES     NO



Member Signature

01/13/26

01/13/26

  
Witness Signature

01/13/26

**For Retirement System Use Only**

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Retirement Board Secretary Signature

---

Date Received

**EMPLOYEES RETIREMENT SYSTEM  
APPLICATION FOR SERVICE RETIREMENT**

Pension Membership No. \_\_\_\_\_

To the Board of Trustees, City of Grosse Pointe Woods Employees Retirement System:

I, BRIAN ANTHONY CONIGLIARO a member of the Retirement System, hereby apply (select one).

1. Service & Age Retirement   
2. Disability Retirement

Date of birth: 11-15-72 I request my retirement be effective: 12-20-25

My title on the payroll is: LIEUTENANT Department: PUBLIC SAFETY

Dated at Grosse Pointe Woods, MI this 18<sup>th</sup> day of DECEMBER, 2025.

Steve Elliott

Signature of Witness

✓  
✓  
✓

Signature of Member

I elect to receive my retirement allowance in the following manner. (Place an X next to the option requested.) **PLEASE NOTE:** This is an irrevocable selection.

Regular service retirement  
 Option I cash refund annuity  
 Option II joint and last survivorship annuity  
 Option III modified joint & last survivorship annuity

Write plan of retirement elected OPTION II

I wish to withdraw my accumulative contribution in the amount of \$ 184,208.95

I do not wish to withdraw my accumulated contribution

I certify that my (wife) (husband) at this date of retirement is: MISTY L. CONIGLIARO

Supplemental annuity payment (if applicable) per month will be: \$ \_\_\_\_\_.

Steve Elliott 12/18/25

Signature of Witness & Date

✓  
✓  
✓

12-18-25

Signature of Member & Date

**NOMINATION OF BENEFICIARY**

I nominate as my beneficiary:

MISTY L. CONIGLIARO

Beneficiary's date of birth: [REDACTED]

Beneficiary's relationship to me: SPOUSE

Sex: FEMALE

Beneficiary's place of birth: NORTH CAROLINA

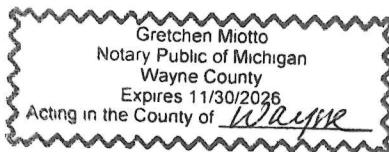
Beneficiary's address: [REDACTED]

Dated at Grosse Pointe Woods, MI this 18<sup>th</sup> day of 12, 2025.

Signed: Gretchen Miotto

Subscribed and sworn to before me this 18<sup>th</sup> day of December, 2025.  
My commission expires on: 11/30/2026

Notary Public





# **City of Grosse Pointe Woods Employees Retirement System**

## **GASB Disclosure Information Statements 67/68**

*Measurement Date: June 30, 2025*

*GASB 68 Expense*

*Reporting Date: June 30, 2025*

**FOSTER & FOSTER**  
ACTUARIES AND CONSULTANTS

September 9, 2025

Board of Trustees  
City of Grosse Pointe Woods Employees Retirement System

Re: GASB Statements 67/68 – City of Grosse Pointe Woods Employees Retirement System

Dear Board,

We are pleased to present this report of the GASB Statements 67/68 measured as of June 30, 2025. GASB 68 Expense is determined for the reporting period ending June 30, 2025.

The calculation of the liability associated with the benefits referenced in this report was performed to satisfy the requirements of GASB 67/68 and is not applicable for other purposes, such as determining the plan's funding requirements. Use of the results for other purposes may not be applicable and may produce significantly different results.

The total pension liability, net pension liability, and certain sensitivity information shown in this report are based on an actuarial valuation performed as of June 30, 2025. It is our opinion that the assumptions used for this purpose are internally consistent, reasonable, and comply with the requirements under GASB 67/68.

#### **DATA AND ASSUMPTIONS**

In conducting the valuation, we have relied on personnel, plan design, and asset information supplied by the City. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. As a result of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report. The actuarial assumptions and methods are described in the Assumptions section of this report.

#### **DISCLOSURES AND LIMITATIONS**

Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in plan provisions or applicable law. Due to the limited scope of this report, we did not provide an analysis of these potential differences.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the software is either used directly or input into internally developed models to generate the results. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

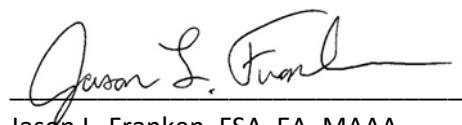
#### **ACTUARIAL CERTIFICATION**

The valuation has been conducted in accordance with all applicable laws and regulations, as well as generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board.

The undersigned are familiar with the immediate and long-term aspects of pension valuations and meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, no associate of Foster & Foster, Inc. working on this report has any direct financial interest or indirect material interest in City of Grosse Pointe Woods Employees Retirement System, nor does anyone at Foster & Foster, Inc. act as a member of the Board of Trustees of the City of Grosse Pointe Woods Employees Retirement System. Thus, there is no relationship existing that might affect our capacity to prepare and certify this actuarial report.

Respectfully submitted,  
Foster & Foster, Inc.



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Jason L. Franken, FSA, EA, MAAA

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## SUMMARY

Valuation Date	06/30/2025	06/30/2024
GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Date	06/30/2025	06/30/2024

## PLAN MEMBERSHIP

Inactives Currently Receiving Benefits <sup>1</sup>	116	111
Inactives Not Yet Receiving Benefits	10	14
Active Plan Members	<u>74</u>	<u>76</u>
Total	200	201

#### NET PENSION LIABILITY/(ASSET)

Total Pension Liability	\$ 71,243,369	\$ 67,031,106
Plan Fiduciary Net Position	<u>47,558,956</u>	<u>43,710,963</u>
Net Pension Liability/(Asset)	\$ 23,684,413	\$ 23,320,143

**Plan Fiduciary Net Position**  
As a % of Total Pension Liability 66.76% 65.21%

Net Pension Liability/(Asset) As a % of Covered Payroll 427.05% 414.99%

#### Total Pension Expense/(Income)

## DEVELOPMENT OF SINGLE DISCOUNT RATE

Single Discount Rate	7.18%	7.37%
Long-Term Expected Rate of Return	7.20%	7.40%
High-quality Municipal Bond Rate	4.81%	4.21%
Number of Years Future Benefit Payments Are Expected to be Paid	64	65

<sup>1</sup> The inactive counts include EDROs (3 for the June 30, 2025 measurement date and 3 for the prior measurement date).

## GASB EXHIBITS

### SCHEDULE OF CHANGES IN NET PENSION LIABILITY

GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Period Ending	06/30/2025	06/30/2024

#### TOTAL PENSION LIABILITY

Service Cost	838,175	812,864
Interest	4,845,239	4,670,531
Changes in Benefit Terms	0	0
Experience (Gains)/Losses	1,143,798	948,035
Changes of Assumptions	1,552,339	(155,143)
Benefit Payments	(4,167,288)	(3,953,914)
Net Change in Total Pension Liability	4,212,263	2,322,373
Total Pension Liability – Beginning	67,031,106	64,708,733
Total Pension Liability – Ending (a)	\$ 71,243,369	\$ 67,031,106

#### PLAN FIDUCIARY NET POSITION

Contributions – Employer	2,379,868	1,956,340
Contributions – Employee	315,815	311,863
Net Investment Income	5,373,990	5,069,650
Benefit Payments	(4,167,288)	(3,953,914)
Administrative Expense	(54,392)	(58,328)
Other	0	0
Net Change in Plan Fiduciary Net Position	3,847,993	3,325,611
Plan Fiduciary Net Position – Beginning	43,710,963	40,385,352
Adjustment to beginning of year	0	0
Plan Fiduciary Net Position – Ending (b)	\$ 47,558,956	\$ 43,710,963
Net Pension Liability – Ending (a) – (b)	\$ 23,684,413	\$ 23,320,143

#### Plan Fiduciary Net Position

As % of Total Pension Liability 66.76% 65.21%

Covered Payroll \$ 5,546,056 \$ 5,619,486

Net Pension Liability  
 As % of Covered Payroll 427.05% 414.99%

## SENSITIVITY TO CHANGES IN DISCOUNT RATE

GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Date	06/30/2025	06/30/2024
Discount Rate	7.18%	7.37%
+ 1% Discount Rate	8.18%	8.37%
- 1% Discount Rate	6.18%	6.37%
Net Pension Liability		
Current Discount Rate	\$ 23,684,413	\$ 23,320,143
1% Increase in Discount Rate	16,355,721	16,509,954
1% Decrease in Discount Rate	32,526,730	31,514,908

## PENSION EXPENSE YEAR-END JUNE 30, 2025

For the year ended June 30, 2025, the Sponsor will recognize a Pension Expense/(Income) of \$171,520. Below is a summary of the components of the Pension Expense.

Fiscal Year End	06/30/2025
Beginning of Measurement Period	07/01/2024
End of Measurement Period	06/30/2025
Service Cost	\$ 838,175
Interest on Total Pension Liability	4,845,239
Changes in Benefit Terms	0
Contributions – Employee	(315,815)
Projected Earnings on Investments	(3,178,149)
Administrative Expenses	54,392
Recognition of Deferred Outflows/(Inflows)	
Experience (Gains)/Losses	544,432
Assumption Changes	(1,623,049)
Investment Returns	(993,705)
Total Pension Expense	\$ 171,520

## PENSION DEFERRED OUTFLOWS/INFLOWS - YEAR-END JUNE 30, 2025

On June 30, 2025, the Sponsor will report deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences Between Actual and Expected Experience	1,510,933	0
Changes of Assumptions	1,164,255	1,367,309
Net Difference Between Projected and Actual Earnings on pension Plan Investments	0	1,510,474
Total	\$ 2,675,188	\$ 2,877,783

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year-Ended June 30:
2026 \$ 652,115
2027 (221,276)
2028 (194,266)
2029 (439,168)
2030 0
Thereafter 0

## SUPPLEMENTARY GASB 68 EXPENSE DETAIL

### AMORTIZATION SCHEDULE – EXPERIENCE

Year	Initial Base	Recognition Period	2025	2026	2027	2028	2029	Thereafter
			\$ 1,143,798	\$ 285,948	\$ 285,950	\$ 285,950	\$ 285,950	\$ 0
2025	\$ 1,143,798	4.0	\$ 285,948	\$ 285,950	\$ 285,950	\$ 285,950	\$ 0	\$ 0
2024	948,035	4.0	237,009	237,009	237,009	0	0	0
2023	716,258	4.0	179,065	179,065	0	0	0	0
2022	(630,363)	4.0	(157,590)	0	0	0	0	0
Net Increase/(Decrease) in Pension Expense			\$ 544,432	\$ 702,024	\$ 522,959	\$ 285,950	\$ 0	\$ 0

## AMORTIZATION SCHEDULE – CHANGES OF ASSUMPTIONS

Year	Initial		Recognition		2025	2026	2027	2028	2029	Thereafter
	Base	Period								
2025	\$ 1,552,339	4.0	\$ 388,084	\$ 388,085	\$ 388,085	\$ 388,085	\$ 388,085	\$ 388,085	0 \$	0
2024	(155,143)	4.0	(38,786)	(38,786)	(38,786)	(38,786)	0	0	0	0
2023	(5,158,946)	4.0	(1,289,737)	(1,289,737)	0	0	0	0	0	0
2022	(2,730,443)	4.0	(682,610)	0	0	0	0	0	0	0
Net Increase/(Decrease) in Pension Expense		\$ (1,623,049)	\$ (940,438)	\$ 349,299	\$ 388,085	\$ 388,085	\$ 388,085	\$ 388,085	0 \$	0

## AMORTIZATION SCHEDULE – INVESTMENTS

Year		Initial	Recognition	2025	2026	2027	2028	2029	Thereafter
		Base	Period						
2025	\$	(2,195,841)	5	\$ (439,169)	\$ (439,168)	\$ (439,168)	\$ (439,168)	\$ (439,168)	0
2024		(2,145,663)	5	(429,133)	(429,133)	(429,133)	(429,133)	0	0
2023		(1,126,166)	5	(225,233)	(225,233)	(225,233)	0	0	0
2022		9,920,315	5	2,001,415	1,984,063	0	0	0	0
2021		(9,507,925)	5	(1,901,585)	0	0	0	0	0
Net Increase/(Decrease) in Pension Expense		\$ (993,705)	\$ 890,529	\$ (1,093,534)	\$ (868,301)	\$ (439,168)	\$ 0		

## ADDITIONAL EXHIBITS

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### SCHEDULE OF CONTRIBUTIONS

Plan Year Ended	Actuarially Determined Contribution		Contributions in Relation to the Actuarially Determined Contributions		Contribution Deficiency (Excess)		Covered Payroll	Contrib. as % of Covered Payroll
	06/30/2025	\$ 2,295,133	06/30/2024	\$ 1,878,969	2,379,868	\$ (84,735)	1,956,340	\$ (77,371)
06/30/2025	\$ 2,295,133		06/30/2024	\$ 1,878,969	\$ 2,379,868	\$ (84,735)	\$ 5,546,056	42.91%
						\$ (77,371)	\$ 5,619,486	34.81%

The following assumptions were used to determine the Actuarially Determined Contribution for the plan year ended June 30, 2025:

Calculation Timing	The Actuarially Determined Contribution is calculated using a June 30, 2023 valuation date.
Interest Rate	7.40%
Assumptions	All other assumptions and methods used for determining the Actuarially Determined Contribution can be found in the June 30, 2023 Actuarial Valuation Report for the City of Grosse Pointe Woods Employees Retirement System prepared by Foster & Foster Actuaries and Consultants.

## ASSUMPTIONS

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Valuation Date	June 30, 2025
GASB 67/68 Measurement Date	June 30, 2025
GASB 68 Reporting Date	June 30, 2025
Discount Rate	7.18%
Long-Term Rate of Return	7.20%
Cost Method	Entry Age Normal
Latest Experience Study Date	April 24, 2023
Mortality	
Active Lives	PubS-2010 and PubG-2010 Employee mortality tables, with generational improvements using Scale MP-2018.
Inactive Lives	PubS-2010 and PubG-2010 Healthy Retiree mortality tables, with generational improvements using Scale MP-2018.
Salary Scale	Age-based
Inflation	2.50%

A summary of other assumptions reflected in the valuation can be found in the June 30, 2025 Actuarial Valuation Report for the City of Grosse Pointe Woods Pension Plan prepared by Foster and Foster Actuaries and Consultants.

### CHANGES IN ASSUMPTIONS

Total Pension Liability as of the June 30, 2025 measurement date reflects the following assumption change:

- The discount rate was updated from 7.37% to 7.18%.

#### **DEVELOPMENT OF THE DISCOUNT RATE**

The projection of cash flows used to determine the Discount Rate assumed that current Plan Member contributions will be made at the current contribution rate and that Sponsor contributions will be made at rates equal to the difference between actuarially determined contribution rates and the Member rate.

Based on those assumptions, the Pension Plan's Fiduciary Net Position was projected to provide future benefit payments for 64 years. Therefore benefit payments for 64 years were discounted using a Discount Rate equal to the Long-Term Expected Rate of Return of 7.20 percent.

Future benefit payments beyond 64 years were discounted using a high-quality municipal bond rate of 4.81 percent. The high-quality municipal bond rate was based on the daily rate closest to, but not later than the measurement date of the S&P Municipal Bond 20-Year High Grade Rate Index.

The single equivalent Discount Rate was 7.18 percent.

## SUMMARY OF CURRENT PLAN

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### PLAN DESCRIPTION

The plan is a single-employer defined benefit pension plan administered by a Board of Trustees comprised of five members: a) the Mayor; b) a member of the City Council; c) a resident appointed by the Mayor; and d) two employees (one general and one public safety).

### BENEFITS PROVIDED

The Plan provides retirement, termination, disability and death benefits.

A summary of the benefit provisions can be found in the Actuarial Valuation as of June 30, 2025 for the City of Grosse Pointe Woods Employees Retirement System prepared by Foster & Foster Actuaries and Consultants.

### BENEFIT CHANGES

No benefit changes have been reflected since the prior year.

### DEFERRED RETIREMENT OPTION PROGRAM

Eligibility:	Command and Public Safety Officers: Age 50 with 25 years of service, or Age 55 with 20 years of service.
Participation:	5-year maximum.
Rate of return:	3.00% interest.
DROP balance:	The EDROP balance as of June 30, 2025 is \$0.



# **City of Grosse Pointe Woods Employees Retirement System Supplemental Annuity**

## **GASB Disclosure Information**

**Statements 67/68**

*Measurement Date: June 30, 2025*

*GASB 68 Expense*

*Reporting Date: June 30, 2025*

**FOSTER & FOSTER**  
ACTUARIES AND CONSULTANTS

September 9, 2025

Board of Trustees  
City of Grosse Pointe Woods Employees Retirement System

Re: GASB Statements 67/68 – City of Grosse Pointe Woods Employees Retirement System Supplemental Annuity

Dear Board,

We are pleased to present this report of the GASB Statements 67/68 measured as of June 30, 2025. GASB 68 Expense is determined for the reporting period ending June 30, 2025.

The calculation of the liability associated with the benefits referenced in this report was performed to satisfy the requirements of GASB 67/68 and is not applicable for other purposes, such as determining the plan's funding requirements. Use of the results for other purposes may not be applicable and may produce significantly different results.

The total pension liability, net pension liability, and certain sensitivity information shown in this report are based on an actuarial valuation performed as of June 30, 2025. It is our opinion that the assumptions used for this purpose are internally consistent, reasonable, and comply with the requirements under GASB 67/68.

#### **DATA AND ASSUMPTIONS**

In conducting the valuation, we have relied on personnel, plan design, and asset information supplied by the City. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. As a result of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report. The actuarial assumptions and methods are described in the Assumptions section of this report.

#### **DISCLOSURES AND LIMITATIONS**

Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in plan provisions or applicable law. Due to the limited scope of this report, we did not provide an analysis of these potential differences.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the software is either used directly or input into internally developed models to generate the results. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

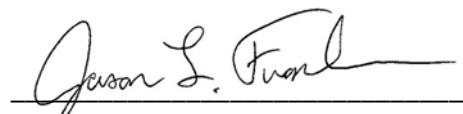
#### **ACTUARIAL CERTIFICATION**

The valuation has been conducted in accordance with all applicable laws and regulations, as well as generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board.

The undersigned are familiar with the immediate and long-term aspects of pension valuations and meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, no associate of Foster & Foster, Inc. working on this report has any direct financial interest or indirect material interest in City of Grosse Pointe Woods Employees Retirement System, nor does anyone at Foster & Foster, Inc. act as a member of the Board of Trustees of the City of Grosse Pointe Woods Employees Retirement System Supplemental Annuity. Thus, there is no relationship existing that might affect our capacity to prepare and certify this actuarial report.

Respectfully submitted,  
Foster & Foster, Inc.



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Jason L. Franken

Jason L. Franken, FSA, EA, MAAA

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## SUMMARY

Valuation Date	06/30/2025	06/30/2024
GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Date	06/30/2025	06/30/2024

### PLAN MEMBERSHIP

Inactives Currently Receiving Benefits	64	61
Inactives Not Yet Receiving Benefits	0	0
Active Plan Members	<u>44</u>	<u>46</u>
 Total	 108	 107

Covered Payroll	\$ 2,663,928	\$ 2,746,799
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### NET PENSION LIABILITY/(ASSET)

Total Pension Liability	\$ 4,354,149	\$ 4,138,675
Plan Fiduciary Net Position	<u>3,346,416</u>	<u>2,957,047</u>
Net Pension Liability/(Asset)	\$ 1,007,733	\$ 1,181,628

### Plan Fiduciary Net Position

As a % of Total Pension Liability	76.86%	71.45%
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### Net Pension Liability/(Asset)

As a % of Covered Payroll	37.83%	43.02%
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### Total Pension Expense/(Income)

\$ 153,312	\$ 153,333
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### DEVELOPMENT OF SINGLE DISCOUNT RATE

Single Discount Rate	7.20%	7.40%
Long-Term Expected Rate of Return	7.20%	7.40%
High-quality Municipal Bond Rate	4.81%	4.21%
Number of Years Future Benefit Payments Are Expected to be Paid	All Years	All Years

## GASB EXHIBITS

### SCHEDULE OF CHANGES IN NET PENSION LIABILITY

GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Period Ending	06/30/2025	06/30/2024

#### TOTAL PENSION LIABILITY

Service Cost	35,028	34,736
Interest	297,328	287,957
Changes in Benefit Terms	0	0
Experience (Gains)/Losses	150,775	110,188
Changes of Assumptions	43,857	0
Benefit Payments	(311,514)	(301,553)
Net Change in Total Pension Liability	215,474	131,328
Total Pension Liability – Beginning	4,138,675	4,007,347
Total Pension Liability – Ending (a)	\$ 4,354,149	\$ 4,138,675

#### PLAN FIDUCIARY NET POSITION

Contributions – Employer	341,012	345,827
Contributions – Employee	0	0
Net Investment Income	363,550	325,282
Benefit Payments	(311,514)	(301,553)
Administrative Expense	(3,679)	(3,742)
Other	0	0
Net Change in Plan Fiduciary Net Position	389,369	365,814
Plan Fiduciary Net Position – Beginning	2,957,047	2,591,233
Adjustment to beginning of year	0	0
Plan Fiduciary Net Position – Ending (b)	\$ 3,346,416	\$ 2,957,047
Net Pension Liability – Ending (a) – (b)	\$ 1,007,733	\$ 1,181,628
Plan Fiduciary Net Position		
As % of Total Pension Liability	76.86%	71.45%
Covered Payroll	\$ 2,663,928	\$ 2,746,799
Net Pension Liability		
As % of Covered Payroll	37.83%	43.02%

## SENSITIVITY TO CHANGES IN DISCOUNT RATE

GASB 67/68 Measurement Date	06/30/2025	06/30/2024
GASB 68 Reporting Date	06/30/2025	06/30/2024
Discount Rate	7.20%	7.40%
+ 1% Discount Rate	8.20%	8.40%
- 1% Discount Rate	6.20%	6.40%
Net Pension Liability		
Current Discount Rate	\$ 1,007,733	\$ 1,181,628
1% Increase in Discount Rate	602,223	805,599
1% Decrease in Discount Rate	1,493,745	1,629,673

## PENSION EXPENSE YEAR-END JUNE 30, 2025

For the year ended June 30, 2025, the Sponsor will recognize a Pension Expense/(Income) of \$153,312. Below is a summary of the components of the Pension Expense.

Fiscal Year End	06/30/2025
Beginning of Measurement Period	07/01/2024
End of Measurement Period	06/30/2025
Service Cost	\$ 35,028
Interest on Total Pension Liability	297,328
Changes in Benefit Terms	0
Projected Earnings on Investments	(219,777)
Administrative Expenses	3,679
Recognition of Deferred Outflows/(Inflows)	
Experience (Gains)/Losses	73,642
Assumption Changes	17,410
Investment Returns	(53,998)
Total Pension Expense	\$ 153,312

## PENSION DEFERRED OUTFLOWS/INFLOWS - YEAR-END JUNE 30, 2025

On June 30, 2025, the Sponsor will report deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences Between Actual and Expected Experience	183,874	7,405
Changes of Assumptions	51,844	0
Net Difference Between Projected and Actual Earnings on pension Plan Investments	0	105,171
Total	\$ 235,718	\$ 112,576

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year-Ended June 30:
2026 \$ 135,835
2027 22,568
2028 (6,506)
2029 (28,755)
2030 0
Thereafter 0

## SUPPLEMENTARY GASB 68 EXPENSE DETAIL

### AMORTIZATION SCHEDULE – EXPERIENCE

Year	Initial Base	Recognition		2025	2026	2027	2028	2029	Thereafter
		Period	2025						
2025	\$ 150,775	4.0	\$ 37,693	\$ 37,694	\$ 37,694	\$ 37,694	\$ 37,694	\$ 0	\$ 0
2024	110,188	4.0	27,547	27,547	27,547	27,547	0	0	0
2023	39,243	5.0	7,849	7,849	7,849	7,849	0	0	0
2022	(22,217)	6.0	(3,702)	(3,703)	(3,702)	(3,702)	0	0	0
2021	21,271	5.0	4,255	0	0	0	0	0	0
Net Increase/(Decrease) in Pension Expense	\$ 73,642	\$ 69,387	\$ 69,388	\$ 37,694	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

## AMORTIZATION SCHEDULE – CHANGES OF ASSUMPTIONS

Year	Initial Base	Recognition Period	2025			2026			2027			2028			2029			Thereafter	
			2025	2026	2027	2028	2029	Thereafter	2025	2026	2027	2028	2029	Thereafter	2025	2026	Thereafter		
2025	\$ 43,857	4.0	\$ 10,965	\$ 10,964	\$ 10,964	\$ 10,964	\$ 0	0	\$ 47,379	\$ 9,476	\$ 9,476	\$ 0	\$ 0	0	\$ 47,379	\$ 0	0		
2023																			
2021	(15,148)	5.0	(3,031)	0	0	0	0	0											
Net Increase/(Decrease) in Pension Expense			\$ 17,410	\$ 20,440	\$ 20,440	\$ 10,964	\$ 0	0											

## AMORTIZATION SCHEDULE – INVESTMENTS

Year		Initial	Recognition	2025	2026	2027	2028	2029	Thereafter
		Base	Period						
2025	\$	(143,773)	5	\$ (28,753)	\$ (28,755)	\$ (28,755)	\$ (28,755)	\$ (28,755)	0
2024		(131,841)	5	(26,368)	(26,368)	(26,368)	(26,409)	0	0
2023		(60,684)	5	(12,137)	(12,137)	(12,137)	0	0	0
2022		566,265	5	114,234	113,268	0	0	0	0
2021		(504,869)	5	(100,974)	0	0	0	0	0
Net Increase/(Decrease) in Pension Expense		\$		\$ (53,998)	\$ 46,008	\$ (67,260)	\$ (55,164)	\$ (28,755)	0

## ADDITIONAL EXHIBITS

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### SCHEDULE OF CONTRIBUTIONS

Plan Year Ended	Actuarially Determined Contribution		Contributions in Relation to the Actuarially Determined Contributions		Contribution Deficiency (Excess)		Covered Payroll	Contrib. as % of Covered Payroll
	06/30/2025	\$ 248,075	06/30/2024	\$ 277,208	341,012	\$ (92,937)	345,827	\$ (68,619)
06/30/2025	\$ 248,075		341,012	\$ (92,937)	\$ 2,663,928		12.80%	
06/30/2024	\$ 277,208		345,827	\$ (68,619)	\$ 2,746,799		12.59%	

The following assumptions were used to determine the Actuarially Determined Contribution for the plan year ended June 30, 2025:

Calculation Timing	The Actuarially Determined Contribution is calculated using a June 30, 2023 valuation date.
Interest Rate	7.40%
Assumptions	All other assumptions and methods used for determining the Actuarially Determined Contribution can be found in the June 30, 2023 Actuarial Valuation Report for the City of Grosse Pointe Woods Employees Retirement System Supplemental Annuity prepared by Foster & Foster Actuaries and Consultants.

## ASSUMPTIONS

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Valuation Date	June 30, 2025
GASB 67/68 Measurement Date	June 30, 2025
GASB 68 Reporting Date	June 30, 2025
Discount Rate	7.20%
Long-Term Rate of Return	7.20%
Cost Method	Entry Age Normal
Latest Experience Study Date	April 24, 2023
Mortality	
Active Lives	PubS-2010 and PubG-2010 Employee mortality tables, with generational improvements using Scale MP-2018.
Inactive Lives	PubS-2010 and PubG-2010 Healthy Retiree mortality tables, with generational improvements using Scale MP-2018.
Salary Scale	Age-based
Inflation	2.50%

A summary of other assumptions reflected in the valuation can be found in the June 30, 2025 Actuarial Valuation Report for the City of Grosse Pointe Woods Pension Plan prepared by Foster and Foster Actuaries and Consultants.

### CHANGES IN ASSUMPTIONS

Total Pension Liability as of the June 30, 2025 measurement date reflects the following assumption change:

- The discount rate was updated from 7.40% to 7.20%.

#### **DEVELOPMENT OF THE DISCOUNT RATE**

The projection of cash flows used to determine the Discount Rate assumed that current Plan Member contributions will be made at the current contribution rate and that Sponsor contributions will be made at rates equal to the difference between actuarially determined contribution rates and the Member rate.

Based on those assumptions, the Pension Plan's Fiduciary Net Position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the Long-Term Expected Rate of Return on Pension Plan investments (7.20 percent) was applied to all periods of projected benefit payments to determine the Total Pension Liability.

No projected benefit payments were discounted using a high-quality municipal bond rate of 4.81 percent. The high-quality municipal bond rate was based on the daily rate closest to, but not later than the measurement date of the S&P Municipal Bond 20-Year High Grade Rate Index.

The single equivalent Discount Rate was 7.20 percent.

## **SUMMARY OF CURRENT PLAN**

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### **PLAN DESCRIPTION**

The plan is a single-employer defined benefit pension plan administered by a Board of Trustees comprised of five members: a) the Mayor; b) a member of the City Council; c) a resident appointed by the Mayor; and d) two employees (one general and one public safety).

### **BENEFITS PROVIDED**

The Plan provides retirement, termination, disability and death benefits.

A summary of the benefit provisions can be found in the Actuarial Valuation as of June 30, 2025 for the City of Grosse Pointe Woods Employees Retirement System Supplemental Annuity prepared by Foster & Foster Actuaries and Consultants.

### **BENEFIT CHANGES**

No benefit changes have been reflected since the prior year.



# **City of Grosse Pointe Woods Employees Retirement System**

## **Actuarial Valuation**

*As of June 30, 2025  
Contributions Applicable to the Plan/  
Fiscal Year Beginning July 1, 2026*

*P.A. 202 Valuation  
As of June 30, 2025*

**FOSTER & FOSTER**  
ACTUARIES AND CONSULTANTS

September 9, 2025

Board of Trustees  
City of Grosse Pointe Woods Employees Retirement System

Re: City of Grosse Pointe Woods Employees Retirement System Actuarial Valuation Report

Dear Board,

This report details the annual actuarial valuation of the City of Grosse Pointe Woods Employees Retirement System as of June 30, 2025.

The valuation was performed to measure the plan's liability and funding levels and to determine the actuarially appropriate funding requirements for the plan year beginning July 1, 2026. This report was prepared for use by the Board. Use of the results for other purposes may not be applicable and could produce significantly different results.

#### **DATA AND ASSUMPTIONS**

In preparing this report, we have relied on personnel and plan design supplied by the Board. Assets were determined based on audited financial reports supplied by the Board. In our opinion, the assumptions used in the valuation, as adopted by the Board of Trustees, represent reasonable expectations of anticipated fund experience. Other sets of assumptions and methods could also be reasonable and could produce materially different results. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. As a result of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report.

#### **DISCLOSURES AND LIMITATIONS**

Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in plan provisions or applicable law. Due to the limited scope of this report, we did not provide an analysis of these potential differences.

The funding percentages and unfunded accrued liability as measured based on the actuarial value of assets will differ from similar measures based on the market value of assets. These measures, as provided, are appropriate for determining the adequacy of future contributions, but may not be appropriate for the purpose of settling a portion or all of its liabilities.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the

software is either used directly or input into internally developed models to generate the costs. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

**ACTUARIAL CERTIFICATION**

The valuation has been conducted in accordance with all applicable laws and regulations, as well as generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board; specifically No. 4 for Measuring Pension Obligations and Determining Pension Plan Costs or Contributions, No. 23 for Data Quality, No. 27 for Selection of Economic Assumptions for Measuring Pension Obligations, No. 35 for Selection of Demographic and Other Noneconomic Assumptions for Measuring Pension Obligations, No. 44, Selection and Use of Asset Valuation Methods for Pension Valuations, and No. 51, Assessment and Disclosure of Risk Associated with Measuring Pension Obligations.

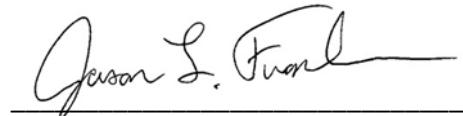
In our opinion, the Minimum Required Contribution set forth in this report constitutes a reasonable actuarially determined contribution under Actuarial Standard of Practice No. 4.

The undersigned are familiar with the immediate and long-term aspects of pension valuations and meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, no associate of Foster & Foster, Inc. working on this report has any direct financial interest or indirect material interest in the City of Grosse Pointe Woods, nor does anyone at Foster & Foster, Inc. act as a member of the Board of Trustees of the City of Grosse Pointe Woods Employees Retirement System. Thus, there is no relationship existing that might affect our capacity to prepare and certify this actuarial report.

Respectfully submitted,

Foster & Foster, Inc.



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Jason L. Franken

Jason L. Franken, FSA, EA, MAAA

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## SUMMARY

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The regular annual actuarial valuation of the City of Grosse Pointe Woods Employees Retirement System, performed as of June 30, 2025, has been completed and the results are presented in this Report. The contribution amounts set forth herein are applicable to the plan/fiscal year beginning July 1, 2026.

The contribution requirements, compared with those set forth in the June 30, 2024 actuarial report, are as follows:

Valuation Date	6/30/2025	6/30/2024
Applicable to Fiscal Year Beginning	7/1/2026	7/1/2025
Total Recommended Contribution	\$3,056,292	\$2,893,867
% of Projected Annual Payroll	51.65%	49.22%
Member Contributions (Est.)	(350,053)	(347,522)
% of Projected Annual Payroll	(5.92%)	(5.91%)
City Recommended Contribution	2,706,239	2,546,345
% of Projected Annual Payroll	45.73%	43.31%

As you can see, the Total Recommended Contribution shows an increase from the June 30, 2024 actuarial valuation report. The increase is attributable to the decrease in interest rate from 7.30% to 7.20% and the natural increase in amortization payment due to the payroll growth assumption.

Plan experience was unfavorable overall on the basis of the plan's actuarial assumptions. Sources of unfavorable experience included more retirements than expected and lower than expected inactive mortality. These losses were offset in part by a gain associated with an investment return of 9.56% (Actuarial Asset Basis) which exceeded the 7.30% assumption.

## CHANGES SINCE PRIOR VALUATION

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### PLAN CHANGES

The valuation reflects no plan changes since the prior valuation.

### ACTUARIAL ASSUMPTION/METHOD CHANGES

The valuation reflects the following assumption change:

- A decrease in the interest rate from 7.30% to 7.20%.

The valuation reflects no method changes.

## COMPARATIVE SUMMARY OF PRINCIPAL VALUATION RESULTS

Valuation Date	New Assump 6/30/2025	Old Assump 6/30/2025	6/30/2024
<b>PARTICIPANT DATA</b>			
Number Included			
Actives	74	74	76
Service Retirees	98	98	92
Beneficiaries	18	18	19
Disability Retirees	0	0	0
Terminated Vested	<u>10</u>	<u>10</u>	<u>14</u>
Total	200	200	201
Total Projected Annual Payroll	\$5,916,832	\$5,916,832	\$5,878,408
Payroll Under Assumed Ret. Age	5,916,832	5,916,832	5,878,408
Annual Rate of Payments to:			
Service Retirees	3,568,119	3,568,119	3,291,240
Beneficiaries	608,712	608,712	615,592
Disability Retirees	0	0	0
Terminated Vested	118,685	118,685	148,381
<b>ASSETS</b>			
Actuarial Value	46,134,642	46,134,642	43,567,802
Market Value	47,558,956	47,558,956	43,710,963
<b>LIABILITIES</b>			
Present Value of Benefits (PVB)			
Actives			
Retirement Benefits	22,240,480	21,758,608	22,108,853
Disability Benefits	1,323,643	1,297,378	1,328,845
Death Benefits	297,849	291,887	295,568
Vested Benefits	863,805	844,175	818,685
Service Retirees <sup>2</sup>	47,013,093	46,548,538	42,983,543
Beneficiaries	5,724,814	5,684,513	5,894,934
Disability Retirees	0	0	0
Terminated Vested	<u>1,005,266</u>	<u>992,182</u>	<u>1,326,499</u>
Total	78,468,950	77,417,281	74,756,927

<sup>2</sup> Includes reserve for EROP balances. \$0 as of 6/30/2025 and \$0 as of 6/30/2024.

	New Assump 6/30/2025	Old Assump 6/30/2025	6/30/2024
<b>LIABILITIES (CONTINUED)</b>			
Present Value of Future Salaries	50,093,901	49,793,403	49,576,075
Normal Cost (Retirement)	692,240	673,647	665,058
Normal Cost (Disability)	71,516	70,004	69,305
Normal Cost (Death)	17,219	16,869	16,630
Normal Cost (Vesting)	<u>74,723</u>	<u>73,343</u>	<u>75,849</u>
Total Normal Cost (EAN)	855,698	833,863	826,842
Present Value of Future Normal Costs	7,021,884	6,795,071	6,799,380
Accrued Liability (Retirement)	16,444,759	16,156,845	16,511,272
Accrued Liability (Disability)	694,896	685,905	693,501
Accrued Liability (Death)	171,601	169,037	172,127
Accrued Liability (Vesting)	392,637	385,190	375,671
Accrued Liability (Inactives)	<u>53,743,173</u>	<u>53,225,233</u>	<u>50,204,976</u>
Total Actuarial Accrued Liability	71,447,066	70,622,210	67,957,547
Unfunded Actuarial Accrued Liability (UAAL)	25,312,424	24,487,568	24,389,745
Funded Ratio (AVA / AL)	64.6%	65.3%	64.1%

<sup>1</sup> Includes reserve for EROP balances. \$0 as of 6/30/2025 and \$0 as of 6/30/2024.

## ACTUARIAL PRESENT VALUE OF ACCRUED BENEFITS

	New Assump 6/30/2025	Old Assump 6/30/2025	6/30/2024
<b>Vested Accrued Benefits</b>			
Inactives	53,743,173	53,225,233	50,204,976
Actives	4,730,941	4,556,498	5,164,051
Member Contributions	<u>4,052,819</u>	<u>4,052,819</u>	<u>4,089,089</u>
<b>Total</b>	<b>62,526,933</b>	<b>61,834,550</b>	<b>59,458,116</b>
<b>Non-vested Accrued Benefits</b>	<b><u>3,454,610</u></b>	<b><u>3,403,966</u></b>	<b><u>3,008,992</u></b>
<b>Total Present Value Accrued Benefits</b>	<b>65,981,543</b>	<b>65,238,516</b>	<b>62,467,108</b>
<b>Funded Ratio (MVA / PVAB)</b>	<b>72.1%</b>	<b>72.9%</b>	<b>70.0%</b>
<b>Increase (Decrease) in Present Value of Accrued Benefits Attributable to:</b>			
Plan Amendments	0	0	
Assumption Changes	743,027	0	
Plan Experience	0	2,530,703	
Benefits Paid	0	(4,167,288)	
Interest	0	4,407,993	
Other	<u>0</u>	<u>0</u>	
<b>Total</b>	<b>0</b>	<b>2,771,408</b>	

<sup>1</sup> Includes reserve for DROP balances. \$0 as of 6/30/2025 and \$0 as of 6/30/2024.

## CONTRIBUTION REQUIREMENTS

	New Assump	Old Assump	
Valuation Date	6/30/2025	6/30/2025	6/30/2024
Applicable to Fiscal Year Beginning	7/1/2026	7/1/2026	7/1/2025

### CALCULATION OF CONTRIBUTION REQUIREMENT

Normal Cost <sup>1</sup>	\$917,308	\$894,735	\$887,201
% of Total Annual Payroll <sup>1</sup>	15.50	15.12	15.09
Administrative Expenses <sup>1</sup>	66,464	66,526	65,453
% of Total Annual Payroll <sup>1</sup>	1.12	1.12	1.11
Payment Required to Amortize Unfunded Actuarial Accrued Liability over 18 years (as of 6/30/2025) <sup>1</sup>	2,072,520	2,020,788	1,941,213
% of Total Annual Payroll <sup>1</sup>	35.03	34.15	33.02
Total Recommended Contribution	3,056,292	2,982,049	2,893,867
% of Total Annual Payroll <sup>1</sup>	51.65	50.39	49.22
Expected Member Contributions <sup>1</sup>	(350,053)	(350,053)	(347,522)
% of Total Annual Payroll <sup>1</sup>	(5.92)	(5.92)	(5.91)
Expected City Contribution	2,706,239	2,631,996	2,546,345
% of Total Annual Payroll <sup>1</sup>	45.73	44.47	43.31

### PAST CONTRIBUTIONS

Plan Years Ending:	6/30/2025
Total Recommended Contribution	2,610,948
City Requirement	2,295,133
Actual Contributions Made:	
Members (excluding buyback)	315,815
City	<u>2,379,868</u>
Total	2,695,683

<sup>1</sup> Contributions developed as of 6/30/2025 displayed above have been adjusted to account for assumed interest.

## OTHER INFORMATION

### ILLUSTRATION OF AMORTIZATION OF THE TOTAL UNFUNDED ACTUARIAL ACCRUED LIABILITY

Year	Projected Unfunded Accrued Liability
2025	25,312,424
2026	25,062,398
2027	24,732,195
2031	22,447,480
2035	18,148,222
2039	11,027,617
2043	0

### 3 YEAR COMPARISON OF ACTUAL AND ASSUMED SALARY INCREASES

		Actual	Assumed
Year Ended	6/30/2025	6.44%	4.68%
Year Ended	6/30/2024	11.16%	4.64%
Year Ended	6/30/2023	11.60%	4.57%

### 3 YEAR COMPARISON OF INVESTMENT RETURN ON ACTUARIAL VALUE

		Actual	Assumed
Year Ended	6/30/2025	9.56%	7.30%
Year Ended	6/30/2024	7.26%	7.40%
Year Ended	6/30/2023	5.51%	7.50%

## PENSION COST BY DIVISION

	General	Public Safety	Total
Projected Payroll	2,846,788	3,070,044	5,916,832
Total Normal Cost <sup>1</sup>	378,617	538,691	917,308
% of Total Annual Payroll <sup>1</sup>	13.30	17.55	15.50
Administrative Expenses <sup>11</sup>	31,978	34,486	66,464
% of Total Annual Payroll <sup>1</sup>	1.12	1.12	1.12
Payment Required to Amortize Unfunded Actuarial Accrued Liability over 18 years (as of 6/30/2025) <sup>1</sup>	953,213	1,119,307	2,072,520
% of Total Annual Payroll <sup>1</sup>	33.48	36.46	35.03
Total Recommended Contribution <sup>1</sup>	1,363,808	1,692,484	3,056,292
% of Total Annual Payroll <sup>1</sup>	47.91	55.13	51.65
Expected Member Contributions <sup>1</sup>	(152,587)	(197,466)	(350,053)
% of Total Annual Payroll <sup>1</sup>	(5.36)	(6.43)	(5.92)
Expected City Contribution	1,211,221	1,495,018	2,706,239
% of Total Annual Payroll <sup>1</sup>	42.55	48.70	45.73

<sup>1</sup> Contributions developed as of 6/30/2025 displayed above have been adjusted to account for assumed inter

## DEVELOPMENT OF AMORTIZATION PAYMENT

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(1)	Unfunded Actuarial Accrued Liability as of June 30, 2024	\$24,389,745
(2)	Sponsor Normal Cost developed as of June 30, 2024	502,354
(3)	Expected administrative expenses for the year ended June 30, 2025	61,000
(4)	Expected interest on (1), (2) and (3)	1,819,350
(5)	Sponsor contributions to the System during the year ended June 30, 2025	2,379,868
(6)	Expected interest on (5)	86,865
(7)	Expected Unfunded Actuarial Accrued Liability as of June 30, 2025, (1)+(2)+(3)+(4)-(5)-(6)	24,305,716
(8)	Change to UAAL due to Assumption Change	824,856
(9)	Change to UAAL due to Actuarial (Gain)/Loss	181,852
(10)	Unfunded Accrued Liability as of June 30, 2025	25,312,424
(11)	UAAL Subject to Amortization (100% AAL less Actuarial Assets)	25,312,424

Date Established	Years Remaining	6/30/2025 Amount	Amortization Amount
6/30/2025	18	25,312,424	1,933,321

## DETAILED ACTUARIAL (GAIN)/LOSS ANALYSIS

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(1) Unfunded Actuarial Accrued Liability (UAAL) as of June 30, 2024	\$24,389,745
(2) Expected UAAL as of June 30, 2025	24,305,716
(3) Summary of Actuarial (Gain)/Loss, by component:	
Investment Return (Actuarial Asset Basis)	(968,087)
Salary Increases	(92,244)
Active Decrements	923,181
Inactive Mortality	392,548
Other	<u>(73,546)</u>
Change in UAAL due to (Gain)/Loss	181,852
Change to UAAL due to Assumption Change	<u>824,856</u>
(4) Actual UAAL as of June 30, 2025	\$25,312,424

## RECONCILIATION OF CHANGES IN CONTRIBUTION REQUIREMENT

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(1) Contribution Determined as of June 30, 2024	\$ 2,546,345
(2) Summary of Contribution Impact by component:	
Change in Normal Cost	7,534
Change in Assumed Administrative Expense	1,073
Investment Return (Actuarial Asset Basis)	(79,889)
Salary Increases	(7,612)
New Entrants	656
Active Decrements	76,184
Inactive Mortality	32,394
Contributions (More) or Less than Recommended	(7,248)
Increase in Amortization Payment Due to Payroll Growth Assumption	58,236
Change in Expected Member Contributions	(2,531)
Assumption Change	74,243
Other	<u>6,854</u>
Total Change in Contribution	159,894
(3) Contribution Determined as of June 30, 2025	\$2,706,239

## P.A. 202 REPORTING

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Michigan Public Act 202 of 2017 requires municipal retirement systems in the state to submit information concerning their actuarial accrued liabilities and funded status based on uniform assumptions. The information is to be furnished by the municipality on Form 5572.

Form 5572		
Line		6/30/2025
24	Actuarial Value of Assets	46,134,642
25	Actuarial Accrued Liabilities	73,667,598
26	Funded Ratio	62.6%
27	Actuarially Determined Contribution	3,701,384

The information was calculated based on the following assumptions, in compliance with the Uniform Assumptions pursuant to PA 202, applicable for fiscal year 2025. All other assumptions are as described in the Actuarial Assumptions and Methods section of this report.

Investment Rate of Return	7.00%
Discount Rate (equivalent single rate used)	6.94%
Periods with sufficient assets	7.00%
Periods without sufficient assets	3.93%
Salary Increase	Experience-based rates
Mortality Table	Pub-2010 with MP-2021
Amortization Period for Unfunded	
Actuarial Accrued Liability	14 years
Cost Method	Entry Age Normal
Amortization Method	Level percent of pay
Payroll Growth Assumption	3.00%

## FUNDING HISTORY

Applicable Valuation Date	Fiscal Year Beginning	Valuation Assets <sup>1</sup>	Actuarial Accrued Liabilities <sup>1</sup>	Funded Ratio	Untfunded Actuarial Liabilities <sup>1</sup>	General Recommended	Public Safety Recommended
6/30/2006	7/1/2007	33,549	36,846	91.1%	3,297	15.21%	18.59%
6/30/2007	7/1/2008	35,801	38,744	92.4%	2,943	14.65%	17.98%
6/30/2008	7/1/2009	37,728	36,310	103.9%	(1,418)	6.22%	7.98%
6/30/2009	7/1/2010	37,149	40,417	91.9%	3,268	10.56%	12.26%
6/30/2010	7/1/2011	36,074	41,541	86.8%	5,467	12.64%	14.28%
6/30/2011	7/1/2012	37,667	42,738	88.1%	5,071	12.55%	14.25%
6/30/2012	7/1/2013	37,369	44,747	83.5%	7,378	15.29%	16.99%
6/30/2013	7/1/2014	37,171	44,950	82.7%	7,779	16.12%	18.14%
6/30/2014	7/1/2015	37,751	45,453	83.1%	7,702	16.82%	19.24%
6/30/2015	7/1/2016	39,363	49,481	79.6%	10,118	20.28%	23.57%
6/30/2016	7/1/2017	39,271	51,299	76.6%	12,028	23.55%	26.03%
6/30/2017	7/1/2018	40,087	50,976	78.6%	10,889	22.31%	24.18%
6/30/2018	7/1/2019	40,347	53,727	75.1%	13,380	25.39%	28.75%
6/30/2019	7/1/2020	39,610	55,232	71.7%	15,622	27.56%	31.19%
6/30/2020	7/1/2021	39,021	59,469	65.6%	20,448	33.85%	38.46%
6/30/2021	7/1/2022	41,122	63,086	65.2%	21,964	33.64%	37.54%
6/30/2022	7/1/2023	41,704	62,517	66.7%	20,814	32.09%	34.30%
6/30/2023	7/1/2024	42,305	64,735	65.4%	22,431	39.14%	42.04%
6/30/2024	7/1/2025	43,568	67,958	64.1%	24,390	41.71%	44.87%
6/30/2025	7/1/2026	46,135	71,447	64.6%	25,312	42.55%	48.70%

<sup>1</sup>Dollar values reported in thousands.

## PROJECTION OF BENEFIT PAYMENTS

Year	Payments for Current Actives	Payments for Current Inactives	Total Payments
2025	123,314	4,154,913	4,278,227
2026	141,582	4,193,410	4,334,992
2027	217,215	4,237,766	4,454,981
2028	279,744	4,285,574	4,565,318
2029	314,157	4,340,639	4,654,796
2030	653,131	4,354,085	5,007,216
2031	1,092,510	4,360,374	5,452,884
2032	1,036,565	4,359,598	5,396,163
2033	1,125,786	4,351,891	5,477,677
2034	1,365,505	4,341,820	5,707,325
2035	1,808,162	4,329,784	6,137,946
2036	2,143,941	4,310,330	6,454,271
2037	2,337,878	4,272,803	6,610,681
2038	2,425,904	4,226,771	6,652,675
2039	2,427,494	4,176,052	6,603,546
2040	2,560,146	4,118,188	6,678,334
2041	2,626,628	4,052,501	6,679,129
2042	2,546,285	3,978,776	6,525,061
2043	2,532,343	3,896,972	6,429,315
2044	2,692,189	3,812,764	6,504,953
2045	2,837,842	3,728,314	6,566,156
2046	3,047,946	3,625,474	6,673,420
2047	3,253,276	3,512,995	6,766,271
2048	3,485,545	3,390,065	6,875,610
2049	3,512,203	3,245,874	6,758,077
2050	3,732,001	3,078,670	6,810,671
2051	3,848,399	2,914,101	6,762,500
2052	4,085,853	2,765,651	6,851,504
2053	4,137,045	2,621,163	6,758,208
2054	4,040,115	2,477,519	6,517,634
2055	4,186,075	2,330,793	6,516,868
2056	4,187,957	2,183,031	6,370,988
2057	4,289,440	2,034,469	6,323,909
2058	4,345,587	1,886,364	6,231,951
2059	4,277,468	1,748,565	6,026,033
2060	4,224,644	1,617,508	5,842,152
2061	4,206,932	1,492,173	5,699,105
2062	4,184,321	1,372,423	5,556,744
2063	4,063,402	1,258,332	5,321,734
2064	3,985,659	1,150,055	5,135,714

## SUPPLEMENTAL ANNUITY VALUATION

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### SUPPLEMENTAL ANNUITY PENSION COST

Valuation Date	6/30/2025	6/30/2024
Applicable to Fiscal Year Beginning	7/1/2026	7/1/2025

#### UNFUNDED ACCRUED ACTUARIAL LIABILITY

Total Actuarial Accrued Liability	4,361,888	4,190,100
Market Value of Assets	<u>3,346,416</u>	<u>2,957,047</u>
Unfunded Actuarial Accrued Liability	1,015,472	1,233,053

#### PENSION COST

Total Normal Cost (EAN) <sup>1</sup>	36,379	37,608
Administrative Expenses <sup>1</sup>	3,945	4,016
Payment Required to Amortize		
Unfunded Actuarial Accrued		
Liability over 10 years		
(as of 6/30/2025) <sup>1</sup>	145,920	178,001
Total Recommended Contribution	186,244	219,625

<sup>1</sup> Contributions developed as of 6/30/2025 displayed above have been adjusted to account for assumed interest.

## SUPPLEMENTAL ANNUITY PENSION COST BY DIVISION

	General	Public Safety	Total
<b>UNFUNDED ACCRUED ACTUARIAL LIABILITY</b>			
Total Actuarial Accrued Liability	4,072,008	289,880	4,361,888
Market Value of Assets	<u>3,124,022</u>	<u>222,394</u>	<u>3,346,416</u>
Unfunded Actuarial Accrued Liability	947,986	67,486	1,015,472
<b>PENSION COST - TOTAL</b>			
Total Normal Cost	36,379	0	36,379
Administrative Expenses	3,945	0	3,945
UAAL Amortization	<u>136,222</u>	<u>9,697</u>	<u>145,920</u>
Total Recommended Contribution	176,546	9,697	186,244
<b>PENSION COST - DOLLARS PER ACTIVE MEMBER</b>			
Total Normal Cost	827	0	
UAAL Amortization	<u>3,096</u>	<u>323</u>	
Total Recommended Contribution	4,012	323	
<b>PARTICIPANT SUMMARY</b>			
Counts			
Actives	44	30 <sup>1</sup>	74
Retirees and Beneficiaries	56	8	64
Supplemental Annuities			
Total Annuities	276,515	41,337	317,852
Average Annuities	4,938	5,167	4,966

<sup>1</sup> Summarized for cost per active member only. Currently no Public Safety members are eligible.

# ACTUARIAL ASSUMPTIONS AND METHODS

Interest Rate	7.20% (previously 7.30%) per year compounded annually, net of investment related expenses.																																																																	
Mortality Rate	<p><b>Active Lives:</b> PubS-2010 and PubG-2010 Employee mortality tables, with generational improvements using Scale MP-2018.</p> <p><b>Inactive Lives:</b> PubS-2010 and PubG-2010 Healthy Retiree mortality tables, with generational improvements using Scale MP-2018.</p> <p>The mortality assumptions sufficiently accommodate anticipated future mortality improvements.</p>																																																																	
Retirement Age	Rates based on an experience study performed in 2023.																																																																	
	<table border="1"> <thead> <tr> <th colspan="6">% Retired During the Year</th> </tr> <tr> <th rowspan="2">Age</th> <th colspan="2">General</th> <th colspan="2">Police</th> <th rowspan="2">General Rate</th> <th rowspan="2">Police Rate</th> </tr> <tr> <th>Age</th> <th>Rate</th> <th>Age</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>50-53</td><td>20%</td><td>20%</td><td>63</td><td>10%</td><td>50%</td></tr> <tr> <td>54</td><td>35%</td><td>20%</td><td>64</td><td>10%</td><td>70%</td></tr> <tr> <td>55</td><td>35%</td><td>30%</td><td>65-66</td><td>30%</td><td>100%</td></tr> <tr> <td>56</td><td>35%</td><td>10%</td><td>67</td><td>40%</td><td>100%</td></tr> <tr> <td>57-58</td><td>20%</td><td>10%</td><td>68</td><td>50%</td><td>100%</td></tr> <tr> <td>59</td><td>40%</td><td>10%</td><td>69</td><td>70%</td><td>100%</td></tr> <tr> <td>60</td><td>40%</td><td>40%</td><td>70+</td><td>100%</td><td>100%</td></tr> <tr> <td>61-62</td><td>10%</td><td>40%</td><td></td><td></td><td></td></tr> </tbody> </table>	% Retired During the Year						Age	General		Police		General Rate	Police Rate	Age	Rate	Age	Rate	50-53	20%	20%	63	10%	50%	54	35%	20%	64	10%	70%	55	35%	30%	65-66	30%	100%	56	35%	10%	67	40%	100%	57-58	20%	10%	68	50%	100%	59	40%	10%	69	70%	100%	60	40%	40%	70+	100%	100%	61-62	10%	40%			
% Retired During the Year																																																																		
Age	General		Police		General Rate	Police Rate																																																												
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60	40%	40%	70+	100%	100%																																																													
61-62	10%	40%																																																																
Disability Rate	0.20% for all general employees. 0.60% for all public safety employees. 100% of disabilities are assumed to be in the non-duty.																																																																	

Termination Rate

Rates based on an experience study performed in 2023.

Age	General - % Terminating During the Year					
	0	1	2	3	4	5+
< 27	10%	15%	15%	20%	8%	7.0%
30	10%	15%	15%	20%	8%	7.0%
35	10%	15%	15%	20%	8%	5.0%
40	10%	15%	15%	20%	8%	4.0%
45	10%	15%	15%	20%	8%	3.0%
50	10%	15%	15%	20%	8%	3.0%
55+	10%	15%	15%	20%	8%	1.0%

Age	Public Safety- % Terminating During the Year					
	0	1	2	3	4	5+
< 27	3%	3%	4%	8%	3%	3.0%
30	3%	3%	4%	8%	3%	3.0%
35	3%	3%	4%	8%	3%	2.0%
40	3%	3%	4%	8%	3%	1.0%
45	3%	3%	4%	8%	3%	0.5%
50	3%	3%	4%	8%	3%	0.5%
55+	3%	3%	4%	8%	3%	1.0%

Inflation

2.50%.

Salary Increases

This is based on an experience study performed in 2023.

Age	Inflation	Merit and Longevity	
		General	Public Safety
20	3.50%	3.84%	2.99%
25	3.50%	3.13%	2.99%
30	3.50%	2.69%	2.60%
35	3.50%	2.37%	1.10%
40	3.50%	2.14%	0.20%
45	3.50%	1.68%	0.20%
50	3.50%	1.14%	0.20%
55	3.50%	0.66%	0.10%
60	3.50%	0.16%	0.00%

Marital Status	90% of Members are assumed to be married.
Spouse's Age	Males are assumed to be three years older than females.
Member Contribution Interest	2.00%.
Cost-of-Living Adjustment	2.50%.
Annuity Withdrawal Assumptions	100% of members are assumed to elect a lump sum of member contributions in exchange for a reduced annuity benefit at retirement. The annuity offset is equal to the annuitized value of the member contributions using a 7.20% assumed interest rate.
EROP Assumptions	<p>100% of eligible members elect to enter EROP according to the assumed retirement rates.</p> <p>Members are assumed to remain in EROP for 5 years and take their balance at the end of the EROP period.</p> <p>The EROP is assumed to continue beyond the six-year sunset provision. Members who become eligible to enter EROP after the six-year sunset are assumed to elect EROP when eligible.</p>
Funding Method	<p>Entry Age Normal Cost Method.</p> <p>Under this method, the normal cost is the sum of the individual normal costs for all active participants. For an active participant, the normal cost is the participant's normal cost accrual rate, multiplied by the participant's current compensation.</p> <p>The normal cost accrual rate equals:</p> <p class="list-item-l1">(i) the present value of future benefits for the participant, determined as of the participant's entry age, divided by</p> <p class="list-item-l1">(ii) the present value of the compensation expected to be paid to the participant for each year of the</p>

participant's anticipated future service, determined as of the participant's entry age.

In calculating the present value of future compensation, the salary scale is applied both retrospectively and prospectively to estimate compensation in years prior to and subsequent to the valuation year based on the compensation used for the valuation.

The accrued liability is the sum of the individual accrued liabilities for all participants and beneficiaries. A participant's accrued liability equals the present value, at the participant's attained age, of future benefits less the present value at the participant's attained age of the individual normal costs payable in the future.

Under this method, the entry age used for each active participant is the participant's age at the time he or she would have commenced participation if the plan had always been in existence under current terms, or the age as of which he or she first earns service credits for purposes of benefit accrual under the current terms of the plan.

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#### Actuarial Asset Method

Investment gains and losses are smoothed over a four-year period. In the first year, 25% of the gain or loss is recognized. In the second year 50%, in the third year 75%, and in the fourth year 100% of the gain or loss is recognized. The actuarial investment gain or loss is defined as the actual return on investments minus the actuarial assumed investment return. Actuarial Assets shall not be less than 80% nor greater than 120% of the Market Value of Assets.

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#### Funding Policy Amortization Method

The UAAL is amortized according to a level percentage of payroll method. The initial amortization amount is 100% of the Accrued Liability less the Actuarial Value of Assets. Ultimately, the amortization period will be a 15-year rolling methodology, with a phase in to 15 years as follows:

2023	20 Year Amortization
2024	19 Year Amortization
2025	18 Year Amortization
2026	17 Year Amortization
2027	16 Year Amortization
2028 and Later	15 Year Amortization

The use of a rolling amortization methodology with a reasonable amortization period and coupled with a payroll growth rate that is not too high will produce a significant annual payment towards the principal on the UAAL, resulting in an annual decrease in the UAAL, assuming the actuarial assumptions materialize.

The UAAL for the supplemental plan is amortized over a 10-year rolling period according to a level dollar basis.

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Payroll Growth 3.00%.

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Administrative Expenses Expenses paid out of the fund other than investment-related expenses are assumed to be equal to the average of those paid in the previous 3 years, rounded to the nearest 1,000.

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Basis for Assumptions Experience study dated April 24, 2023.

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## GLOSSARY

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Accrued Benefit	The benefit earned as of a specific date based on the provisions of the plan and the member's age, service, and salary as of that date.
Actuarial Accrued Liability	The portion of the anticipated future benefits allocated to years prior to the valuation date determined according to the plan's Actuarial Cost Method.
Actuarial Value of Assets	The asset value used in the valuation to determine contribution requirements. It represents the plan's Market Value of Assets (see below), with adjustments according to the plan's Actuarial Asset Method. These adjustments produce a "smoothed" value that is likely to be less volatile from year to year than the Market Value of Assets.
Actuarial Assumptions	Assumptions regarding the occurrence of future events affecting plan costs. These assumptions include rates of investment earnings, changes in compensation, rates of mortality, withdrawal, disablement, and retirement as well as statistics related to marriage and family composition.
Actuarial Cost Method	A method of determining the portion of the cost of a plan to be allocated to each year; sometimes referred to as the "actuarial funding method." Each cost method allocates a certain portion of the actuarial present value of benefits between the Actuarial Accrued Liability and future normal costs to ensure the plan is adequately and systematically funded.
Actuarial Gain or Loss	The change in Unfunded Actuarial Accrued Liability resulting from experience different from Actuarial Assumptions. Gains decrease the Unfunded Actuarial Accrued Liability and losses increase the Unfunded Actuarial Accrued Liability.

Actuarial Present Value	The estimated amount of funds required as of a specified date to provide a payment or series of payments in the future. It is determined by discounting future payments at predetermined rates of interest, and by probabilities of payments between the specified date and the expected date of payment.
Amortization Payment	The portion of the plan contribution designated to pay interest and reduce the outstanding principal balance of Unfunded Actuarial Accrued Liability. If the amortization payment is less than the accrued interest on the Unfunded Actuarial Accrued Liability the outstanding principal balance will increase.
Decrements	Events which result in the termination of membership in the system such as retirement, disability, withdrawal, or death.
Funded Ratio	A measure of the ratio of the plan assets to liabilities of the system. Typically, the assets used in the measure are the Actuarial Value of Assets as determined by the asset valuation method. The Funded Ratio depends not only on the financial strength of the plan but also on the asset valuation method used to determine the assets and on the Actuarial Cost Method used to determine the liabilities.
Interest Rate	The assumed long-term rate of return on plan assets.
Market Value of Assets	The fair market value of plan assets as of the valuation date.
Normal Cost	The portion of the Actuarial Present Value of Benefits allocated to the current year determined according to the plan's Actuarial Cost Method.
Present Value of Benefits	The single sum value on the valuation date of all future benefits to be paid to current plan participants.
Projected Annual Payroll	The salary expected for the year after the valuation date, excluding members over the 100% assumed retirement age.

Projected Benefits	The benefits expected to be paid in the future based on the provisions of the plan and the Actuarial Assumptions. The projected values are based on anticipated future advancement in age and accrual of service as well as increases in salary paid to the participant.
Total Annual Payroll	The salary expected for the year after the valuation date.
Ultimate Cost	<p>The total cost to the plan once the last benefit has been paid. The Ultimate Cost equals</p> <p>Benefit Payments Plus: Expenses Less: Investment Income</p> <p>The Ultimate Cost is independent of the Actuarial Cost Method selected.</p>
Unfunded Actuarial Accrued Liability	The excess of the Actuarial Accrued Liability over the Actuarial Value of Assets.
Vested Benefit	Benefits members are entitled to regardless of employment status.

## DISCUSSION OF RISK

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ASOP No. 51, Assessment and Disclosure of Risk Associated with Measuring Pension Obligations and Determining Pension Plan Contributions, states that the actuary should identify risks that, in the actuary's professional judgment, may reasonably be anticipated to significantly affect the plan's future financial condition.

Throughout this report, actuarial results are determined under various assumption scenarios. These results are based on the premise that all future plan experience will align with the plan's actuarial assumptions; however, there is no guarantee that actual plan experience will align with the plan's assumptions. It is possible that actual plan experience will differ from anticipated experience in an unfavorable manner that will negatively impact the plan's funded position.

Below are examples of ways in which plan experience can deviate from assumptions and the potential impact of that deviation. Typically, this results in an actuarial gain or loss representing the current-year financial impact on the plan's unfunded liability of the experience differing from assumptions; this gain or loss is amortized over a period of time determined by the plan's amortization method. When assumptions are selected that adequately reflect plan experience, gains and losses typically offset one another in the long term, resulting in a relatively low impact on the plan's contribution requirements associated with plan experience. When assumptions are too optimistic, losses can accumulate over time and the plan's amortization payment could potentially grow to an unmanageable level.

- Investment Return: When the rate of return on the Actuarial Value of Assets falls short of the assumption, this produces a loss representing assumed investment earnings that were not realized. Further, it is unlikely that the plan will experience a scenario that matches the assumed return in each year as capital markets can be volatile from year to year. Therefore, contribution amounts can vary in the future.
- Salary Increases: When a plan participant experiences a salary increase that was greater than assumed, this produces a loss representing the cost of an increase in anticipated plan benefits for the participant as compared to the previous year. The total gain or loss associated with salary increases for the plan is the sum of salary gains and losses for all active participants.
- Payroll Growth: The plan's payroll growth assumption, if one is used, causes a predictable annual increase in the plan's amortization payment in order to produce an amortization payment that remains constant as a percentage of payroll if all assumptions are realized. If payroll does not increase according to the plan's payroll growth assumption, the plan's amortization payment can increase significantly as a percentage of payroll even if all assumptions other than the payroll growth assumption are realized.

- Demographic Assumptions: Actuarial results take into account various potential events that could happen to a plan participant, such as retirement, termination, disability, and death. Each of these potential events is assigned a liability based on the likelihood of the event and the financial consequence of the event for the plan. Accordingly, actuarial liabilities reflect a blend of financial consequences associated with various possible outcomes (such as retirement at one of various possible ages). Once the outcome is known (e.g. the participant retires) the liability is adjusted to reflect the known outcome. This adjustment produces a gain or loss depending on whether the outcome was more or less favorable than other outcomes that could have occurred.
- Contribution Risk: This risk results from the potential that actual employer contributions may deviate from actuarially determined contributions, which are determined in accordance with the Board's funding policy. The funding policy is intended to result in contribution requirements that if paid when due, will result in a reasonable expectation that assets will accumulate to be sufficient to pay plan benefits when due. Contribution deficits, particularly large deficits and those that occur repeatedly, increase future contribution requirements and put the plan at risk for not being able to pay plan benefits when due.

#### **IMPACT OF PLAN MATURITY ON RISK**

For newer pension plans, most of the participants and associated liabilities are related to active members who have not yet reached retirement age. As pension plans continue in operation and active members reach retirement ages, liabilities begin to shift from being primarily related to active members to being shared amongst active and retired members. Plan maturity is a measure of the extent to which this shift has occurred. It is important to understand that plan maturity can have an impact on risk tolerance and the overall risk characteristics of the plan. For example, plans with a large amount of retired liability do not have as long of a time horizon to recover from losses (such as losses on investments due to lower than expected investment returns) as plans where the majority of the liability is attributable to active members. For this reason, less tolerance for investment risk may be warranted for highly mature plans with a substantial inactive liability. Similarly, mature plans paying substantial retirement benefits resulting in a small positive or net negative cash flow can be more sensitive to near term investment volatility, particularly if the size of the fund is shrinking, which can result in less assets being available for investment in the market.

To assist with determining the maturity of the plan, we have provided some relevant metrics in the table following titled “Plan Maturity Measures and Other Risk Metrics”. Highlights of this information are discussed below:

- The Support Ratio, determined as the ratio of active to inactive members, has decreased from 66.4% on June 30, 2022 to 58.7% on June 30, 2025, indicating that the plan has been maturing.
- The Accrued Liability Ratio, determined as the ratio of the Inactive Accrued Liability, which is the liability associated with members who are no longer employed but are due a benefit from the plan, to the Total Accrued Liability, is 75.2%. With a plan of this maturity, losses due to lower than expected investment returns or demographic factors will need to be made up for over a shorter time horizon than would be needed for a less mature plan.
- The Funded Ratio, determined as the ratio of the Actuarial Value of Assets to the Total Accrued Liability, has decreased from 66.7% on June 30, 2022 to 64.6% on June 30, 2025, due mainly to the shortfall in Actual Sponsor Contributions. If the contribution deficit continues, the funded ratio will continue to decrease even if all assumptions are met.
- The Net Cash Flow Ratio, determined as the ratio of the Net Cash Flow (contributions minus benefit payments and administrative expenses) to the Market Value of Assets, stayed approximately the same from June 30, 2022 to June 30, 2025. The current Net Cash Flow Ratio of -3.2% indicates that contributions are not currently covering the plan's benefit payments and administrative expenses.

#### **LOW DEFAULT-RISK OBLIGATION MEASURE**

ASOP No. 4, Measuring Pension Obligations and Determining Pension Plan Costs or Contributions, was revised as of December 2021 to include a “low-default-risk obligation measure” (LDROM). This liability measure is consistent with the determination of the actuarial accrued liability shown on page 8 in terms of member data, plan provisions, and assumptions/methods, including the use of the Entry Age Normal Cost Method, except that the interest rate is tied to low-default-risk fixed income securities. The S&P Municipal Bond 20 Year High Grade Rate Index (daily rate closest to, but not later than, the measurement date) was selected to represent a current market rate of low risk but longer-term investments that could be included in a low-risk asset portfolio. The interest rate used in this valuation was 4.81% resulting in an LDROM of \$97,004,891. The LDROM should not be considered the “correct” liability measurement; it simply shows a possible outcome if the Board elected to hold a very low risk asset portfolio. Given that plan benefits are paid over time through the combination of contributions and investment returns, prudent investments selected by the Board help to balance asset accumulation through these two sources.

It is important to note that the actuary has identified the risks above as the most significant risks based on the characteristics of the plan and the nature of the project, however, it is not an exhaustive list of potential risks that could be considered. Additional advanced modeling, as well as the identification of additional risks, can be provided at the request of the audience addressed on page 2 of this report.

## PLAN MATURITY MEASURES AND OTHER RISK METRICS

	6/30/2025	6/30/2024	6/30/2023	6/30/2022
<b><u>Support Ratio</u></b>				
Total Actives	74	76	76	79
Total Inactives	126	125	120	119
Actives / Inactives	58.7%	60.8%	63.3%	66.4%
<b><u>Asset Volatility Ratio</u></b>				
Market Value of Assets (MVA)	47,558,956	43,710,963	40,385,352	38,115,937
Total Annual Payroll	5,916,832	5,878,408	5,661,562	5,668,368
MVA / Total Annual Payroll	803.8%	743.6%	713.3%	672.4%
<b><u>Accrued Liability (AL) Ratio</u></b>				
Inactive Accrued Liability	53,743,173	50,204,976	47,717,543	45,385,090
Total Accrued Liability	71,447,066	67,957,547	64,735,178	62,517,270
Inactive AL / Total AL	75.2%	73.9%	73.7%	72.6%
<b><u>Funded Ratio</u></b>				
Actuarial Value of Assets (AVA)	46,134,642	43,567,802	42,304,500	41,703,710
Total Accrued Liability	71,447,066	67,957,547	64,735,178	62,517,270
AVA / Total Accrued Liability	64.6%	64.1%	65.4%	66.7%
<b><u>Net Cash Flow Ratio</u></b>				
Net Cash Flow <sup>1</sup>	(1,525,997)	(1,744,039)	(1,653,442)	(1,303,740)
Market Value of Assets (MVA)	47,558,956	43,710,963	40,385,352	38,115,937
Ratio	-3.2%	-4.0%	-4.1%	-3.4%

<sup>1</sup> Determined as total contributions minus benefit payments and administrative expenses.

## ASSET INFORMATION

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### STATEMENT OF FIDUCIARY NET POSITION

	Market Value June 30, 2025
<b>ASSETS</b>	
Cash	773,439
Total Cash and Equivalents	773,439
Receivables:	
Accrued Interest and dividends	952
Total Receivable	952
Investments:	
Domestic and International Equities	23,583,593
Other	23,200,972
Total Investments	46,784,565
Other Assets	0
Total Assets	47,558,956
<b>LIABILITIES</b>	
Total Liabilities	0
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	47,558,956

## STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

	Year Ended 6/30/2025
<b>ADDITIONS</b>	
Contributions:	
Member	315,815
City	2,379,868
Total Contributions	2,695,683
Investment Income:	
Net Increase in Fair Value of Investments	5,429,428
Less Expenses <sup>1</sup>	(55,438)
Net Investment Income	5,373,990
Total Additions	8,069,673
<b>DEDUCTIONS</b>	
Distributions to Members:	
Benefit Payments	4,167,288
Total Distributions	4,167,288
Administrative Expenses	54,392
Other	0
Total Deductions	4,221,680
Net Increase in Net Position	3,847,993
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	
Beginning of the Year	43,710,963
End of the Year	47,558,956

<sup>1</sup> Expenses include investment advisory, custodial and performance monitoring fees

## DEVELOPMENT OF ACTUARIAL ASSET VALUATION

	Actuarial Value of Assets		
<b>ACTUARIAL VALUE OF ASSETS</b>			
Market Value of Assets, 6/30/2025	47,558,956		
Total Deferred Investment (Gains)/Losses	(1,424,314)		
Preliminary Actuarial Value of Assets, 6/30/2025	<u>46,134,642</u>		
6/30/2025 Limited Actuarial Assets, Total	46,134,642		
<b>DEVELOPMENT OF INVESTMENT (GAIN)/LOSS</b>			
Market Value of Assets, 6/30/2024	43,710,963		
Contributions	2,695,683		
Benefit Payments	(4,167,288)		
Administrative Expenses	(54,392)		
Expected Investment Earnings	3,135,201		
Actual Net Investment Earnings	(5,373,990)		
2025 Actuarial Investment (Gain)/Loss	<u>(2,238,789)</u>		
<b>DEFERRED INVESTMENT (GAINS)/LOSSES</b>			
Year Ended:	(Gain)/Loss	Percentage	Deferred (Gain)/Loss
6/30/2025	(2,238,789)	80%	(1,791,031)
6/30/2024	(2,003,646)	60%	(1,202,188)
6/30/2023	(857,083)	40%	(342,833)
6/30/2022	9,558,691	20%	1,911,738
6/30/2021	(9,247,348)	0%	0
Total Deferred Investment (Gains)/Losses			<u>(1,424,314)</u>

## APPROXIMATE RATES OF RETURN

Basis	Rate of Return
Actuarial Asset Rate of Return:	9.56%
Market Value of Assets Rate of Return:	12.51%

**CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS - ACTUARIAL ASSET BASIS**

	Year Ended 6/30/2025
<b>ADDITIONS</b>	
Contributions:	
Member	315,815
City	2,379,868
Total Contributions	2,695,683
Earnings from Investments	
Net Increase in Fair Value of Investments	5,429,428
Change in Actuarial Value	(1,281,153)
Total Earnings and Investment Gains	4,148,275
<b>DEDUCTIONS</b>	
Administrative Expenses:	
Investment Related <sup>1</sup>	55,438
Other	54,392
Total Administrative Expenses	109,830
Distributions to Members:	
Benefit Payments	4,167,288
Total Distributions	4,167,288
Change in Net Assets for the Year	2,566,840
<b>NET ASSETS BEGINNING OF YEAR</b>	43,567,802
<b>NET ASSETS END OF YEAR</b>	46,134,642
Excess Earnings Reserve	

<sup>1</sup> Investment Related expenses include investment advisory, custodial and performance monitoring fees.

## ASSET INFORMATION - SUPPLEMENTAL ANNUITY

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### STATEMENT OF FIDUCIARY NET POSITION

	Market Value June 30, 2025
<b>ASSETS</b>	
Cash	54,422
Total Cash and Equivalents	54,422
Receivables:	
Accrued Interest and dividends	67
Total Receivable	67
Investments:	
Domestic and International Equities	1,659,425
Other	1,632,502
Total Investments	3,291,927
Other Assets	0
Total Assets	3,346,416
<b>LIABILITIES</b>	
Total Liabilities	0
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	3,346,416

## STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

	Year Ended 6/30/2025
<b>ADDITIONS</b>	
Contributions:	
City	341,012
Total Contributions	341,012
Investment Income:	
Net Increase in Fair Value of Investments	367,300
Less Expenses <sup>1</sup>	(3,750)
Net Investment Income	363,550
Total Additions	704,562
<b>DEDUCTIONS</b>	
Distributions to Members:	
Benefit Payments	311,514
Total Distributions	311,514
Administrative Expenses	3,679
Other	0
Total Deductions	315,193
Net Increase in Net Position	389,369
<b>NET POSITION RESTRICTED FOR PENSIONS</b>	
Beginning of the Year	2,957,047
End of the Year	3,346,416

<sup>1</sup> Expenses include investment advisory, custodial and performance monitoring fees

## STATISTICAL DATA

Valuation Date	6/30/2025	6/30/2024	6/30/2023	6/30/2022
<u>Actives</u>				
Number	74	76	76	79
Average Current Age	43.6	43.3	43.4	44.4
Average Age at Employment	33.0	32.5	32.2	33.2
Average Past Service	10.6	10.8	11.2	11.2
Average Annual Salary	\$74,947	\$73,941	\$71,163	\$68,679
<u>Service Retirees</u>				
Number	98	92	90	86
Average Current Age	69.7	69.6	69.5	69.1
Average Annual Benefit	\$36,409	\$35,774	\$35,004	\$35,037
DROP Retirees incl. in Retirees	0	0	0	0
<u>Beneficiaries</u>				
Number	18	19	18	17
Average Current Age	75.7	75.1	74.3	74.6
Average Annual Benefit	\$33,817	\$32,400	\$30,932	\$30,187
EDROs incl. in Beneficiaries	3	3	3	3
<u>Disability Retirees</u>				
Number	0	0	0	0
Average Current Age	N/A	N/A	N/A	N/A
Average Annual Benefit	N/A	N/A	N/A	N/A
<u>Terminated Vested</u>				
Number	10	14	12	16
Average Current Age	53.3	53.5	53.6	50.7
Average Annual Benefit	\$11,869	\$12,365	\$12,234	\$11,409

## STATISTICAL DATA BY DIVISION

	6/30/2025	6/30/2024	6/30/2023	6/30/2022
<u>Actives - General</u>				
Number	44	46	47	50
Average Current Age	44.3	44.6	44.5	45.1
Average Age at Employment	36.3	35.6	35.0	35.9
Average Past Service	8.0	9.0	9.6	9.2
Average Annual Salary	\$60,544	\$59,713	\$59,224	\$56,213
<u>Actives - Public Safety</u>				
Number	30	30	29	29
Average Current Age	42.5	41.3	41.6	43.3
Average Age at Employment	28.1	27.7	27.7	28.6
Average Past Service	14.4	13.5	13.9	14.6
Average Annual Salary	\$96,071	\$95,756	\$90,511	\$90,172

## AGE AND SERVICE DISTRIBUTION

### ACTIVE EMPLOYEES

#### TOTAL

AGE	PAST SERVICE											Total	Total Pay <sup>1</sup>
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30+		
20 - 24	2	0	0	0	0	0	0	0	0	0	0	2	\$ 24,031
25 - 29	0	3	2	0	1	1	0	0	0	0	0	7	\$ 502,435
30 - 34	0	1	2	0	1	3	0	0	0	0	0	7	\$ 534,988
35 - 39	2	1	0	2	1	2	2	0	0	0	0	10	\$ 572,346
40 - 44	1	1	0	1	1	1	0	3	3	0	0	11	\$ 911,087
45 - 49	0	0	1	0	0	1	2	1	7	3	0	15	\$ 1,324,227
50 - 54	0	1	0	1	0	2	2	1	5	0	0	12	\$ 1,052,245
55 - 59	0	1	0	0	0	2	0	1	0	0	0	4	\$ 310,482
60 - 64	0	0	1	1	0	2	1	0	0	0	0	5	\$ 259,528
65+	0	0	0	0	0	0	1	0	0	0	0	1	\$ 54,686
Total	5	8	6	5	4	14	8	6	15	3	0	74	\$ 5,546,056

<sup>1</sup> Total Pay is salaries for the period ending 6/30/2025.

## ACTIVE EMPLOYEES

### GENERAL

AGE	PAST SERVICE												Total	Total Pay <sup>1</sup>
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30+	Total		
20 - 24	1	0	0	0	0	0	0	0	0	0	0	1	\$	944
25 - 29	0	3	1	0	0	1	0	0	0	0	0	5	\$	329,724
30 - 34	0	1	1	0	1	0	0	0	0	0	0	3	\$	166,078
35 - 39	1	0	0	1	1	1	2	0	0	0	0	6	\$	296,707
40 - 44	1	1	0	1	1	1	0	2	0	0	0	7	\$	485,416
45 - 49	0	0	1	0	0	1	1	1	1	2	0	7	\$	474,241
50 - 54	0	1	0	1	0	1	2	0	1	0	0	6	\$	389,337
55 - 59	0	1	0	0	0	1	0	1	0	0	0	3	\$	207,267
60 - 64	0	0	1	1	0	2	1	0	0	0	0	5	\$	259,528
65+	0	0	0	0	0	0	1	0	0	0	0	1	\$	54,686
Total	3	7	4	4	3	8	7	4	2	2	0	44	\$	2,663,928

<sup>1</sup> Total Pay is salaries for the period ending 6/30/2025.

**ACTIVE EMPLOYEES  
PUBLIC SAFETY**

AGE	PAST SERVICE												Total	Total Pay <sup>1</sup>
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30+	Total		
20 - 24	1	0	0	0	0	0	0	0	0	0	0	1	\$	23,087
25 - 29	0	0	1	0	1	0	0	0	0	0	0	2	\$	172,711
30 - 34	0	0	1	0	0	3	0	0	0	0	0	4	\$	368,910
35 - 39	1	1	0	1	0	1	0	0	0	0	0	4	\$	275,639
40 - 44	0	0	0	0	0	0	0	1	3	0	0	4	\$	425,671
45 - 49	0	0	0	0	0	0	1	0	6	1	0	8	\$	849,986
50 - 54	0	0	0	0	0	1	0	1	4	0	0	6	\$	662,909
55 - 59	0	0	0	0	0	1	0	0	0	0	0	1	\$	103,215
60 - 64	0	0	0	0	0	0	0	0	0	0	0	0	\$	0
65+	0	0	0	0	0	0	0	0	0	0	0	0	\$	0
Total	2	1	2	1	1	6	1	2	13	1	0	30	\$	2,882,127

<sup>1</sup> Total Pay is salaries for the period ending 6/30/2025.

**AGE DISTRIBUTION**  
**RETIREES, DISABLED AND BENEFICIARIES**

AGE	General		Public Safety		Total	
	Count	Annual Pensions	Count	Annual Pensions	Count	Annual Pensions
< 45	0	\$ 0	0	\$ 0	0	\$ 0
45 - 49	0	\$ 0	1	\$ 42,311	1	\$ 42,311
50 - 54	4	\$ 152,824	1	\$ 52,183	5	\$ 205,007
55 - 59	6	\$ 163,833	4	\$ 191,516	10	\$ 355,349
60 - 64	11	\$ 248,384	7	\$ 359,162	18	\$ 607,546
65 - 69	10	\$ 224,408	8	\$ 392,847	18	\$ 617,255
70 - 74	11	\$ 311,110	10	\$ 545,966	21	\$ 857,076
75 - 79	10	\$ 171,238	10	\$ 477,931	20	\$ 649,169
80 - 84	3	\$ 60,904	7	\$ 309,649	10	\$ 370,553
85 - 89	7	\$ 190,691	4	\$ 237,009	11	\$ 427,700
90 - 94	1	\$ 15,238	1	\$ 29,628	2	\$ 44,866
95 - 99	0	\$ 0	0	\$ 0	0	\$ 0
100 +	0	\$ 0	0	\$ 0	0	\$ 0
Total	63	\$ 1,538,631	53	\$ 2,638,200	116	\$ 4,176,831

**AGE DISTRIBUTION**  
**INACTIVE VESTED MEMBERS**

AGE	General		Public Safety		Total	
	Count	Annual Pensions	Count	Annual Pensions	Count	Annual Pensions
< 45	2	\$ 21,551	0	\$ 0	2	\$ 21,551
45 - 49	1	\$ 14,570	0	\$ 0	1	\$ 14,570
50 - 54	1	\$ 7,744	0	\$ 0	1	\$ 7,744
55 - 59	5	\$ 68,580	0	\$ 0	5	\$ 68,580
60 - 64	0	\$ 0	0	\$ 0	0	\$ 0
65 - 69	1	\$ 6,240	0	\$ 0	1	\$ 6,240
Total	10	\$ 118,685	0	\$ 0	10	\$ 118,685

## PARTICIPANT RECONCILIATION

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### 1. Active lives

a. Number in prior valuation 6/30/2024	76
b. Terminations	
i. Vested (partial or full) with deferred benefits	0
ii. Non-vested or full lump sum distribution received	0
iii. Refunded	(3)
c. Deaths	
i. Beneficiary receiving benefits	0
ii. No future benefits payable	0
d. Disabled	0
e. Retired	(4)
f. Continuing participants	69
g. New entrants	5
h. Total active life participants in valuation	74

### 2. Non-Active lives (including beneficiaries receiving benefits)

	Service Retirees, Vested Receiving Benefits	Receiving Death Benefits	Receiving Disability Benefits	Vested Deferred	Total
a. Number prior valuation	92	19	0	14	125
Retired	6	0	0	(2)	4
DROP	0	0	0	0	0
Vested Deferred	0	0	0	0	0
Death, With Survivor	0	0	0	0	0
Death, No Survivor	0	(1)	0	0	(1)
Disabled	0	0	0	0	0
Refund of Contributions	0	0	0	(2)	(2)
Rehires	0	0	0	0	0
New EDROs	0	0	0	0	0
Data Corrections	0	0	0	0	0
Hired/Termed in Same Year	0	0	0	0	0
b. Number current valuation	98	18	0	10	126

## PLAN PROVISIONS

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### Plan Administration

The Plan is a single employer defined benefit pension plan administered by a Board of Trustees comprised of five members:

- a) The Mayor,
- b) A member of the City Council,
- c) A resident appointed by the Mayor, and
- d) Two employees (one general and one public safety).

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### Final Average Compensation (FAC)

General members: Highest 4 years.

Communications Dispatcher: Highest 4 years.

Public Safety Officers: Highest 4 years.

Public Safety Command Officers: Highest 3 calendar years of compensation out of the last eight calendar years prior to retirement.

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### Regular Retirement

#### Eligibility

Age 50 with 25 years of service,  
Age 55 with 20 years of service, or  
Age 60 with 10 or more years of service.

#### Annual Benefit

*General members hired before March 30, 2011:* FAC times sum of 2.00% times the first 25 years of service plus 1.00% times years of service in excess of 25 years.

*General members hired after March 30, 2011:* 1.75% times FAC times years of service.

*Dispatchers/Communications Dispatcher hired before July 1, 2011:* 2.125% times FAC times years of service.

*Dispatchers/Communications Dispatcher hired after July 1, 2011:* 1.75% times FAC times years of service.

*Public Safety Officers and Command:* 2.50% times FAC times years of service, maximum of 75% of FAC.

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#### Duty Disability Retirement

Eligibility	No age or service requirements.
Benefit	Computed as regular retirement with additional service credit granted to the earlier of the date the member would attain age 55 years or the date the member would have satisfied regular retirement eligibility conditions had the member continued in City employment.
	General/Communications Dispatcher members have worker's compensation offsets.
	Public Safety members, depending upon whether or not they are eligible for a service retirement at the time of injury, may elect to choose between worker's compensation benefits or a disability pension.

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#### Non-Duty Disability Retirement

Eligibility	10 or more years of credited service.
Benefit	Computed as a regular retirement.

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#### Deferred Retirement

Eligibility	10 or more years of service.
Annual Benefit	Computed as regular retirement but based on service and final average compensation at time of termination. Benefits begin at age 60.

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#### Duty Death in Service Survivor's Pension

Eligibility	No age or service requirements. Must be in receipt of worker's compensation.
Benefit	Upon termination of worker's compensation a benefit equal to the worker's compensation amount shall be paid to the widow, unmarried children under 18 and dependent parents. Maximum benefit to the widow: 50% of final average compensation, to the children: 20% of final average compensation, and to the parents: 16-2/3% of final average compensation.

#### Non-Duty Death in Service Survivor's Pension

Eligibility	10 years of service.
Benefit	Computed as a regular retirement but actuarially reduced in accordance with a 100% joint and survivor election.

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#### Employee Retention Option Plan (EROP)

Eligibility	Command and Public Safety Officers: Age 50 with 25 years of service, or Age 55 with 20 years of service. 5-year maximum period of participation.
	Benefit 85% of participant's regular monthly accrued retirement benefit deposited into EROP account earning 3.00% interest.
	Not subject to COLA increases.

Member contributions cease upon EROP entry.

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Minimum Benefit Distribution Program	Subject to sufficient assets in the Excess Earnings Reserve Fund, eligible retirees shall receive a pension adjustment to meet 120% of the poverty threshold for 2 persons age 65 and over as determined by the U.S. Bureau of the Census. The amount of adjustment is prorated for retirees with less than 25 years of service and reduced for optional forms of payment.
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Member Contributions	<i>General members:</i> 5.00% of annual compensation.  <i>Communications Dispatcher hired before July 1 2008:</i> 6.00% of annual compensation.  <i>Communications Dispatcher hired after July 1 2008:</i> 5.00% of annual compensation.  <i>Public Safety Members:</i> 6.00% of annual compensation.
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Annuity Withdrawal	A member may withdraw accumulated member contributions in a lump sum at retirement. The retirement allowance is reduced by the actuarial equivalent of the annuity withdrawn, based on actuarial assumptions concerning interest and mortality used in the annual actuarial valuation.
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**Pop-Up Provision**

Upon the death of the beneficiary, a retiree who had previously selected either Option II or Option III will have the retirement allowance recomputed as a straight life allowance.

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**Supplemental Annuities**

**Eligibility**

Age 50 with 25 years of service, age 55 with 20 years of service, or age 60 with 20 years of service. General members who qualify for a disability retirement are also eligible. Public Safety members with retirements effective after December 31, 1994 are not eligible.

**Amount**

Year of Service	Monthly Benefit
10-14	\$250
15-19	300
20-24	350
25+	400

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**Post-Retirement Cost-of-Living**

**Eligibility**

Hired before July 1, 2016.

**Amount**

Annual adjustments based upon changes in the Consumer Price Index subject to a maximum increase of 2.5% of the adjusted retirement allowance. The cost-of-living adjustment shall be paid on both the base pensions and, for retirements on or after 7/1/90, supplemental annuity distributions.

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# City of Grosse Pointe Woods Employees' Retirement System

## Summary Annual Report

### June 30, 2025

Dear Member:

The following is a summary of your retirement System. Each year, an actuarial valuation is prepared to compare assets to liabilities. Assets are held and invested in a trust separate from other City assets. The only disbursements from this trust are to members who are retired or disabled, beneficiaries of members, members who receive contribution refunds, and for Retirement System expenses.

As Retirement Board Members, our tasks include making sure trust assets are invested prudently, required City and member contributions are received and that benefits are paid in accordance with the Retirement System's provisions.

Various professionals are hired to help in the administration of the Retirement System. They are listed in the column to the right.

The City is funding Retirement System benefits as they accrue in accordance with a sound level percent of payroll funding objective.

Respectfully submitted,

**Board of Trustees**  
**City of Grosse Pointe Woods Retirement System**

**Actuarial Information Used for this Report:**

1. 74 active members
2. 116 retirees/beneficiaries (and 10 deferred retirees)
3. Plan is open to new hires
4. \$36,409 average annual pension benefit Service, \$33,817 Beneficiaries
5. \$4,167,288 annual pension benefits paid
6. \$5,546,056 valuation payroll used (Combined General and Public Safety)
7. Employer's normal cost % of Total Payroll **effective July 1, 2026** is 13.30% General Employees and 17.55% Public Safety employees.
8. Employer's actual total contribution rate **effective July 1, 2026** is 42.55% General employees and 48.70% for Public Safety employees
9. Expected member contribution rate **effective July 1, 2026** is 5.36% General employees and 6.43% Public Safety employees
10. The required employer contribution for the fiscal year was received
11. 7.20% assumed rate of investment return (net of expenses)
12. 2.50% assumed rate of long-term wage inflation
13. 5-year smoothing method used
14. 18-year amortization period that will phase into a 15-year open amortization period
15. Method used is level percent of payroll
16. Cost method is individual entry-age
17. Current funding value of assets is 64.60% of accrued liability

**Board Members**

Arthur W. Bryant  
*Chairman*

Brian Conigliaro  
*Trustee*

Jeremy Bastien  
*Trustee*

James Motschall  
*Trustee*

Gary Zarb,  
*Trustee*

Steven Schmidt  
*Pension Administrator*

Tina Hoenicke  
*Board Secretary*

**Professional Advisors**

*Investment Fiduciaries*  
Fund Evaluation Group (FEG)

**Service Providers**

Rosati, Schultz, Joppich & Amtsuechler, P.C.  
*City Attorney*

Foster & Foster Actuaries & Consultants,  
*Actuary*  
Michael VanOverbeke,  
*Special Pension Attorney*

**Investment Performance\***

	1 Year	3 Year	5 Year	7 Year	10 Year
Combined Account	12.5%	12.1%	10.2%	7.8%	7.0%

\*Calendar year ending June 30, 2025 (net of fees)

**2024-2025 Actual Expenditures**

Pension Payments/ Withdrawals:	\$ 4,150,989
Refund of Member Contributions:	\$ 16,299
Investment Fees:	\$ 55,438
Memberships/Training/Education:	\$ 375
Administrative Expenses:	\$ 54,017
Total:	\$ 4,277,118

# City of Grosse Pointe Woods Employees' Retirement System

## Summary Annual Report (cont.)

### **Actuarial Valuation Summary**

Foster & Foster Actuaries and Consultants were hired to prepare the June 30, 2025 Actuarial Valuation. The funding objective of the System is to contribute an amount as a percent of payroll that remains level from year to year. The actual level of contribution is dependent on past and assumed future experience, including investment performance, and benefit provisions.

**Below is a summary of the results:**

<b>Contribution Requirements</b>	<b>General</b>	<b>Public Safety</b>
Normal Cost of Benefits		
Total	14.42%	18.67%
Member Portion	5.36%	6.34%
Employer Portion	9.06%	12.24%
Amortization of Unfunded Liability (18 years)	33.48%	36.46%
Computed Employer Rate	42.55%	48.70%

*Contribution rates are expressed as percents of eligible member payroll. \*Weighted average.*

### **Assets & Liabilities**

#### **Funded Status**

Market Value of Assets	\$ 47,558,956
Valuation Assets	\$ 46,134,642
Actuarial Accrued Liability	\$ 71,447,066
Funded Ratio	64.60%

**Actuary's Statement** – The System is being funded based on sound actuarial assumption, methods, and level percent of payroll funding objective. For a complete analysis, please review the June 30, 2025 actuarial valuation.

### **Revenues & Expenditures**

Beginning Balance (Market Value) – July 1, 2024	\$ 43,710,963
<b>Revenues</b>	
Employees' Contributions	\$ 315,815
Employer Contribution	\$ 2,379,868
Investment Income	\$ 5,373,990
Other Income	<u>\$ 0</u>
Total	\$ 8,069,673
<b>Expenditures</b>	
Pension Payments	\$ 4,150,989
Refund of Member Contributions	\$ 16,299
Administrative Expenses	<u>\$ 54,392</u>
Total	\$ 4,221,680
Ending Balance (Market Value) – June 30, 2025	\$ 47,558,956
Recognized Return on Smoothed Funding Value of Assets	9.56%

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Changes in the Net Pension Liability and Related Ratios Pension Plan

	Last Ten Fiscal Years									
	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
<b>Total Pension Liability</b>										
Service cost	\$ 838,174	\$ 812,864	\$ 1,029,506	\$ 1,080,805	\$ 1,459,769	\$ 1,381,734	\$ 1,419,981	\$ 872,705	\$ 812,794	\$ 893,360
Interest	\$ 4,845,239	\$ 4,670,531	\$ 4,655,548	\$ 4,517,849	\$ 4,149,881	\$ 4,160,628	\$ 4,115,769	\$ 3,739,452	\$ 3,713,413	\$ 3,802,119
Changes in benefit terms										
Differences between expected and actual experience	1,143,798	948,035	716,258	(630,363)	(219,966)	(2,041,992)	61,396	1,898,141	(1,943,674)	(509,341)
Changes in assumptions	(155,143)	(5,158,946)	(2,730,443)	(13,509,818)	(1,372,928)	(2,730,629)	17,877,564	(3,946,934)	7,000,034	
Benefit payments, including refunds	(4,167,288)	(3,953,914)	(3,921,734)	(3,586,669)	(3,570,576)	(3,403,902)	(3,346,109)	(3,354,997)	(3,215,776)	(3,187,512)
<b>Net Change in Total Pension Liability</b>										
Total Pension Liability - Beginning of year	4,212,262	2,322,373	(4,787,400)	(1,152,138)	(11,690,710)	1,469,396	(479,592)	21,032,965	(4,580,177)	7,998,750
Total Pension Liability - End of year	67,031,109	64,708,736	69,496,136	70,648,274	82,338,984	80,869,588	81,349,180	60,316,215	64,896,392	56,897,642
<b>\$ 71,243,371</b>	<b>\$ 67,031,109</b>	<b>\$ 64,708,736</b>	<b>\$ 69,496,136</b>	<b>\$ 70,648,274</b>	<b>\$ 82,338,984</b>	<b>\$ 80,869,588</b>	<b>\$ 81,349,180</b>	<b>\$ 60,316,215</b>	<b>\$ 64,896,392</b>	
<b>Plan Fiduciary Net Position</b>										
Contributions - Employer	\$ 2,379,869	\$ 1,956,340	\$ 2,042,555	\$ 2,044,344	\$ 1,623,076	\$ 1,406,409	\$ 1,215,450	\$ 1,230,649	\$ 1,076,052	\$ 925,683
Contributions - Member	315,815	311,363	297,963	290,887	282,203	262,296	263,799	249,835	243,096	252,579
Net investment income (loss)	5,373,990	5,069,550	3,922,857	(6,523,478)	12,109,682	157,140	1,291,520	2,128,175	3,992,24	(1,359,930)
Administrative expenses	(54,392)	(58,328)	(72,227)	(52,775)	(46,967)	(70,669)	(58,126)	(62,843)	(37,168)	(51,765)
Benefit payments, including refunds	(4,167,288)	(3,953,914)	(3,921,734)	(3,586,669)	(3,570,576)	(3,403,902)	(3,346,109)	(3,354,997)	(3,215,776)	(3,187,512)
Other	-	-	-	-	-	-	-	22,728	12,254	-
<b>Net Change in Plan Fiduciary Net Position</b>										
Plan Fiduciary Net Position - Beginning of year	3,847,994	3,325,611	2,269,414	(7,827,691)	10,397,418	(1,648,726)	(633,465)	213,547	2,071,182	(3,420,945)
Plan Fiduciary Net Position - End of year	<b>\$ 43,710,962</b>	<b>40,385,351</b>	<b>38,115,947</b>	<b>45,943,628</b>	<b>35,546,210</b>	<b>37,194,936</b>	<b>37,828,401</b>	<b>37,614,854</b>	<b>35,543,672</b>	<b>38,964,617</b>
<b>Plan Fiduciary Net Position - End of year</b>	<b>\$ 47,558,956</b>	<b>\$ 43,710,962</b>	<b>\$ 40,385,351</b>	<b>\$ 38,115,937</b>	<b>\$ 45,943,628</b>	<b>\$ 35,546,210</b>	<b>\$ 37,194,936</b>	<b>\$ 37,828,401</b>	<b>\$ 37,614,854</b>	<b>\$ 35,543,672</b>
<b>City's Net Pension Liability - Ending</b>	<b>\$ 23,684,415</b>	<b>\$ 23,320,147</b>	<b>\$ 24,323,355</b>	<b>\$ 31,380,199</b>	<b>\$ 24,704,646</b>	<b>\$ 46,792,774</b>	<b>\$ 43,674,652</b>	<b>\$ 43,520,779</b>	<b>\$ 22,701,381</b>	<b>\$ 29,352,720</b>
<b>Plan Fiduciary Net Position as a Percentage of Total Pension Liability</b>										
Covered Payroll	66.76 %	65.21 %	62.41 %	54.85 %	65.03 %	43.17 %	45.99 %	46.50 %	62.36 %	55.02 %
City's Net Pension Liability as a Percentage of Covered Payroll	\$ 5,546,056	\$ 5,619,486	\$ 5,408,364	\$ 5,425,650	\$ 5,372,630	\$ 4,791,109	\$ 4,716,600	\$ 4,544,155	\$ 4,493,845	\$ 4,592,611
City's Net Pension Liability as a Percentage of Covered Payroll	427.05 %	414.99 %	449.74 %	578.37 %	459.82 %	976.66 %	925.98 %	957.73 %	505.17 %	632.60 %

See note to required supplementary information.

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Changes in the Net Pension Liability and Related Ratios Pension Plan (Continued)

#### **Assumption Changes**

Assumption changes were made for each year as follows:

- 2015: Changed from the 1994 uninsured pension mortality table to the RP-2014 Healthy Annuitant Mortality Table and the discount rate from 8.0 to 6.82 percent
- 2016: Changed the investment rate of return from 8.0 to 7.8 percent, inflation from 4.0 to 3.5 percent, and the discount rate to 5.12 percent
- 2017: Changed the discount rate to 6.33 percent
- 2018: Changed the investment rate of return to 7.75 percent, inflation to 2.5 percent, the mortality table to the RP-2014 Mortality Table with MP-2017, and the discount rate to 5.12 percent
- 2019: Changed the discount rate to 5.21 percent
- 2020: Changed the investment rate of return to 7.50 percent, mortality table to the Pub-2010 Mortality Table with MP-2018 improvement scale, and the discount rate to 5.06 percent
- 2021: Changed the discount rate to 6.46 percent
- 2022: Changed the discount rate to 6.79 percent
- 2023: Changed the investment rate of return to 7.40 percent. Changed the discount rate to 7.35 percent due to a change in the crossover
- 2024: Changed the discount rate to 7.37 percent
- 2025: Changed the discount rate to 7.18 percent and investment rate of return to 7.20 percent

#### **Changes in Benefit Terms**

- 2023: The \$2.1 million change in benefit terms resulted from the plan's addition of an Employee Retention Option Plan (EROP).

#### **Last Ten Fiscal Years**

## **City of Grosse Pointe Woods, Michigan**

### **Required Supplementary Information Schedule of Pension Investment Returns Pension Plan and Pension Plan Supplemental Annuity**

	<b>Last Ten Fiscal Years Years Ended June 30</b>									
	<b>2025</b>	<b>2024</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>
Annual money-weighted rate of return -										
Net of investment expense	9.42 %	9.94 %	7.97 %	(16.99)%	36.24 %	1.52 %	4.89 %	4.84 %	11.60 %	(3.50)%

See note to required supplementary information.

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Pension Contributions Pension Plan

	Last Ten Fiscal Years Years Ended June 30									
	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
Actuarially determined contribution	\$ 2,295,000	\$ 1,879,000	\$ 2,003,000	\$ 2,044,000	\$ 1,623,000	\$ 1,406,000	\$ 1,215,000	\$ 1,231,000	\$ 1,076,000	\$ 926,000
Contributions in relation to the actuarially determined contribution	2,380,000	1,956,000	2,043,000	2,044,000	1,623,000	1,406,000	1,215,000	1,231,000	1,076,000	926,000
<b>Additional Contribution</b>	<b>\$ 85,000</b>	<b>\$ 77,000</b>	<b>\$ 40,000</b>	<b>\$ -</b>						
<b>Covered Payroll</b>	<b>\$ 5,546,056</b>	<b>\$ 5,619,486</b>	<b>\$ 5,408,364</b>	<b>\$ 5,425,650</b>	<b>\$ 5,372,630</b>	<b>\$ 4,791,109</b>	<b>\$ 4,716,600</b>	<b>\$ 4,544,155</b>	<b>\$ 4,493,845</b>	<b>\$ 4,592,611</b>
Contributions as a Percentage of Covered Payroll	42.91 %	34.81 %	37.77 %	37.67 %	30.21 %	29.35 %	25.76 %	27.09 %	23.94 %	20.17 %
<b>Notes to Schedule of Pension Contributions - Pension Plan</b>										
Actuarial valuation information relative to the determination of contributions:										
Valuation date										
Actuarially determined contribution rates are calculated as of June 30, two years prior to the end of the fiscal year in which the contributions are reported. Covered payroll is as of June 30 of the current fiscal year.										
Methods and assumptions used to determine contribution rates:										
Actuarial cost method	Entry age									
Amortization method	Level percentage of payroll									
Remaining amortization period	25 years, open									
Asset valuation method	5-year smoothed market									
Inflation	2.50 percent									
Salary increase	3.50 - 7.30 percent, including inflation									
Investment rate of return	7.40 percent - Net of expense									
Mortality	Pub-2010 Mortality Table with MP-2018									

See note to required supplementary information.

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Changes in the Net Pension Liability and Related Ratios Supplemental Annuity

	Last Ten Fiscal Years									
	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
<b>Total Pension Liability</b>										
Service cost	\$ 35,029	\$ 34,736	\$ 44,932	\$ 45,787	\$ 43,432	\$ 51,793	\$ 47,748	\$ 59,640	\$ 39,299	\$ 37,233
Interest	297,328	287,956	283,542	281,506	275,505	272,594	259,909	239,740	254,061	269,224
Differences between expected and actual experience	150,775	110,188	39,243	(22,217)	21,271	(151,559)	136,155	161,463	(227,980)	(232,788)
Changes in assumptions	43,857	-	47,379	(15,148)	(198,496)	(57,257)	567,907	-	86,953	-
Benefit payments, including refunds	(311,514)	(301,553)	(286,747)	(267,409)	(266,789)	(278,103)	(275,592)	(242,921)	(257,534)	(263,715)
<b>Net Change in Total Pension Liability</b>	<b>215,475</b>	<b>131,327</b>	<b>128,349</b>	<b>37,667</b>	<b>58,271</b>	<b>(303,771)</b>	<b>110,963</b>	<b>785,829</b>	<b>(192,154)</b>	<b>(103,033)</b>
<b>Total Pension Liability - Beginning of year</b>	<b>4,138,674</b>	<b>4,007,347</b>	<b>3,878,998</b>	<b>3,841,331</b>	<b>3,783,060</b>	<b>4,086,831</b>	<b>3,975,868</b>	<b>3,190,039</b>	<b>3,382,193</b>	<b>3,485,286</b>
<b>Total Pension Liability - End of year</b>	<b>\$ 4,354,149</b>	<b>\$ 4,138,674</b>	<b>\$ 4,007,347</b>	<b>\$ 3,878,998</b>	<b>\$ 3,841,331</b>	<b>\$ 3,783,060</b>	<b>\$ 4,086,831</b>	<b>\$ 3,975,868</b>	<b>\$ 3,190,039</b>	<b>\$ 3,382,193</b>
<b>Plan Fiduciary Net Position</b>										
Contributions - Employer	\$ 341,012	\$ 345,827	\$ 329,201	\$ 349,494	\$ 318,174	\$ 335,830	\$ 311,792	\$ 298,389	\$ 290,000	\$ 297,360
Net investment income (loss)	363,231	326,281	235,635	649,743	7,796	59,811	91,098	159,415	159,415	3,963
Administrative expenses	(3,359)	(37,742)	(4,372)	(368,012)	(2,519)	(3,506)	(2,693)	(5,768)	(995)	-
Benefit payments, including refunds	(311,514)	(301,553)	(286,747)	(267,409)	(266,789)	(278,103)	(275,592)	(242,921)	(257,534)	(263,715)
Other	-	2,389	2,024	-	-	-	-	960	-	-
<b>Net Change in Plan Fiduciary Net Position</b>	<b>389,370</b>	<b>365,813</b>	<b>276,306</b>	<b>(290,908)</b>	<b>698,609</b>	<b>62,017</b>	<b>93,318</b>	<b>141,758</b>	<b>190,886</b>	<b>37,608</b>
<b>Plan Fiduciary Net Position - Beginning of year</b>	<b>2,957,046</b>	<b>2,591,233</b>	<b>2,314,927</b>	<b>2,605,835</b>	<b>1,907,226</b>	<b>1,845,209</b>	<b>1,751,891</b>	<b>1,610,133</b>	<b>1,419,247</b>	<b>1,381,639</b>
<b>Plan Fiduciary Net Position - End of year</b>	<b>\$ 3,346,416</b>	<b>\$ 2,957,046</b>	<b>\$ 2,591,233</b>	<b>\$ 2,314,927</b>	<b>\$ 2,605,835</b>	<b>\$ 1,907,226</b>	<b>\$ 1,845,209</b>	<b>\$ 1,751,891</b>	<b>\$ 1,610,133</b>	<b>\$ 1,419,247</b>
<b>City's Net Pension Liability - Ending</b>	<b>\$ 1,007,733</b>	<b>\$ 1,181,628</b>	<b>\$ 1,416,114</b>	<b>\$ 1,564,071</b>	<b>\$ 1,235,496</b>	<b>\$ 1,875,834</b>	<b>\$ 2,241,622</b>	<b>\$ 2,223,977</b>	<b>\$ 1,579,906</b>	<b>\$ 1,962,946</b>
<b>Plan Fiduciary Net Position as a Percentage of Total Pension Liability</b>	76.86 %	71.45 %	64.66 %	59.68 %	67.84 %	50.41 %	45.15 %	44.06 %	50.47 %	41.96 %
<b>Covered Payroll</b>	\$ 2,663,928	\$ 2,746,799	\$ 2,783,550	\$ 2,810,667	\$ 2,816,325	\$ 2,475,978	\$ 2,525,337	\$ 2,231,884	\$ 2,258,831	\$ 2,347,151
<b>City's Net Pension Liability as a Percentage of Covered Payroll</b>	37.83 %	43.02 %	50.87 %	55.65 %	43.87 %	75.76 %	88.77 %	99.65 %	69.94 %	83.63 %

See note to required supplementary information.

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Changes in the Net Pension Liability and Related Ratios Supplemental Annuity (Continued)

	Last Ten Fiscal Years
<b>Assumption Changes</b>	Assumption changes were made for each year as follows:
2015:	Changed from the 1994 uninsured pension mortality table to the RP-2014 Healthy Annuitant Mortality Table, inflation from 0.0 to 4.0 percent, and the discount rate from 8.0 to 7.98 percent
2016:	Changed the investment rate of return from 8.0 to 7.8 percent, inflation to 3.5 percent, and the discount rate to 7.71 percent
2017:	Changed the investment rate of return to 7.75 percent, inflation to 2.5 percent, the mortality table to the RP-2014 Mortality Table with MP-2017, and the discount rate to 6.73 percent
2018:	Changed the discount rate to 6.86 percent
2019:	Changed the investment rate of return to 7.50 percent, mortality table to the Pub-2010 Mortality Table with MP-2018 Improvement scale, and the discount rate to 7.46 percent
2020:	Changed the discount rate to 7.50 percent
2021:	Changed the investment rate of return to 7.50 percent and the discount rate to 7.40 percent
2022:	Changed the investment rate of return to 7.40 percent and the discount rate to 7.40 percent
2023:	Changed the investment rate of return to 7.40 percent and the discount rate to 7.40 percent
2024:	No changes
2025:	Changed the investment rate of return to 7.20 percent and the discount rate to 7.20 percent

GASB Statement No. 67 was implemented for the FYE June 30, 2014 and does not require retroactive implementation. The required supplementary information is intended to show information for 10 years, and additional years information will be displayed as it becomes available.

#### Assumption Changes

Assumption changes were made for each year as follows:

- 2015: Changed from the 1994 uninsured pension mortality table to the RP-2014 Healthy Annuitant Mortality Table, inflation from 0.0 to 4.0 percent, and the discount rate from 8.0 to 7.98 percent
- 2016: Changed the investment rate of return from 8.0 to 7.8 percent, inflation to 3.5 percent, and the discount rate to 7.71 percent
- 2017: Changed the investment rate of return to 7.75 percent, inflation to 2.5 percent, the mortality table to the RP-2014 Mortality Table with MP-2017, and the discount rate to 6.73 percent
- 2018: Changed the discount rate to 6.86 percent
- 2019: Changed the investment rate of return to 7.50 percent, mortality table to the Pub-2010 Mortality Table with MP-2018 Improvement scale, and the discount rate to 7.46 percent
- 2020: Changed the discount rate to 7.50 percent
- 2021: Changed the investment rate of return to 7.50 percent and the discount rate to 7.40 percent
- 2022: Changed the investment rate of return to 7.40 percent and the discount rate to 7.40 percent
- 2023: Changed the investment rate of return to 7.40 percent and the discount rate to 7.40 percent
- 2024: No changes
- 2025: Changed the investment rate of return to 7.20 percent and the discount rate to 7.20 percent

## City of Grosse Pointe Woods, Michigan

### Required Supplementary Information Schedule of Pension Contributions Supplemental Annuity

	Last Ten Fiscal Years Years Ended June 30									
	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
Actuarially determined contribution Contributions in relation to the actuarially determined contribution	\$ 341,012	\$ 345,827	\$ 329,201	\$ 349,494	\$ 318,174	\$ 335,830	\$ 311,792	\$ 298,000	\$ 290,000	\$ 297,360
Contribution Deficiency	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered Payroll	\$ 2,663,928	\$ 2,746,799	\$ 2,783,550	\$ 2,810,667	\$ 2,816,325	\$ 2,475,978	\$ 2,525,337	\$ 2,231,884	\$ 2,258,831	\$ 2,347,151
Contributions as a Percentage of Covered Payroll	12.80 %	12.59 %	11.83 %	12.43 %	11.30 %	13.56 %	12.35 %	13.35 %	12.84 %	12.67 %
Notes to Schedule of Pension Contributions - Supplemental Annuity										
Actuarial valuation information relative to the determination of contributions:										
Valuation date										
Actuarially determined contribution rates are calculated as of June 30, two years prior to the end of the fiscal year in which the contributions are reported. Covered payroll is as of June 30 of the current fiscal year. Public safety members retiring after December 31, 1994 are not covered.										
Methods and assumptions used to determine contribution rates:										
Actuarial cost method	Entry age									
Amortization method	Level dollar									
Remaining amortization period	25 years, open									
Asset valuation method	Market									
Inflation	2.50 percent									
Salary increase	0.00 percent									
Investment rate of return	7.40 percent - Net of expense									
Mortality	Pub-2010 Mortality Table with MP-2018									

See note to required supplementary information.





# COMPOSITE PERFORMANCE REVIEW

Report for Periods Ending December 31, 2025

## City of Grosse Pointe Woods Employees Retirement System



*Presented by:*

Jeffrey A. Davis, CFA, CAIA  
Senior Vice President

Andrew Manley  
Senior Institutional Portfolio Analyst



# **City of Grosse Pointe Woods Employees Retirement System**

## **Table of Contents**

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## FOURTH QUARTER 2025 MARKET SUMMARY

*Global markets delivered broadly positive results, supported by easing financial conditions, resilient economic data, and sustained enthusiasm for artificial intelligence-related investment themes. U.S. equity investors digested elevated valuations and year-end volatility without a deterioration in earnings fundamentals. International developed equities posted solid gains, aided by monetary easing in Europe and reflationary expectations in Japan, while emerging markets benefited from continued demand for AI-related semiconductors.*

*Fixed income gained as the Federal Reserve delivered expected rate cuts and the yield curve continued to normalize. Real estate performance remained mixed, with U.S. REITs lagging global peers amid comparatively tighter financial conditions. Hedge funds and other diversifying strategies generated solid performance amid shifting risk sentiment and heightened geopolitical uncertainty.*

## ECONOMIC AND MARKET INSIGHTS

- Despite headlines about Maduro's capture and U.S. moves to control Venezuelan oil, global crude prices have shown only modest sensitivity so far; structural factors like Venezuela's collapsed production and significant sanctions and disruption in exports constrain market effects. Uncertainty may elevate price volatility, but the market remains structurally oversupplied, driven in part by OPEC+ production increases throughout 2025.
- Venezuela's oil infrastructure remains deeply degraded, and while U.S. refiners are capable of processing Venezuelan heavy crude, production growth is constrained by the chronic underinvestment. Significant Western investment is unlikely without durable sanctions relief, credible governance reforms, and enforceable legal protections, indicating that any meaningful increase in output is probably years away.

### OIL MARKETS REMAIN OVERSUPPLIED AS VENEZUELA DEVELOPMENTS HAVE LIMITED PRICE EFFECT

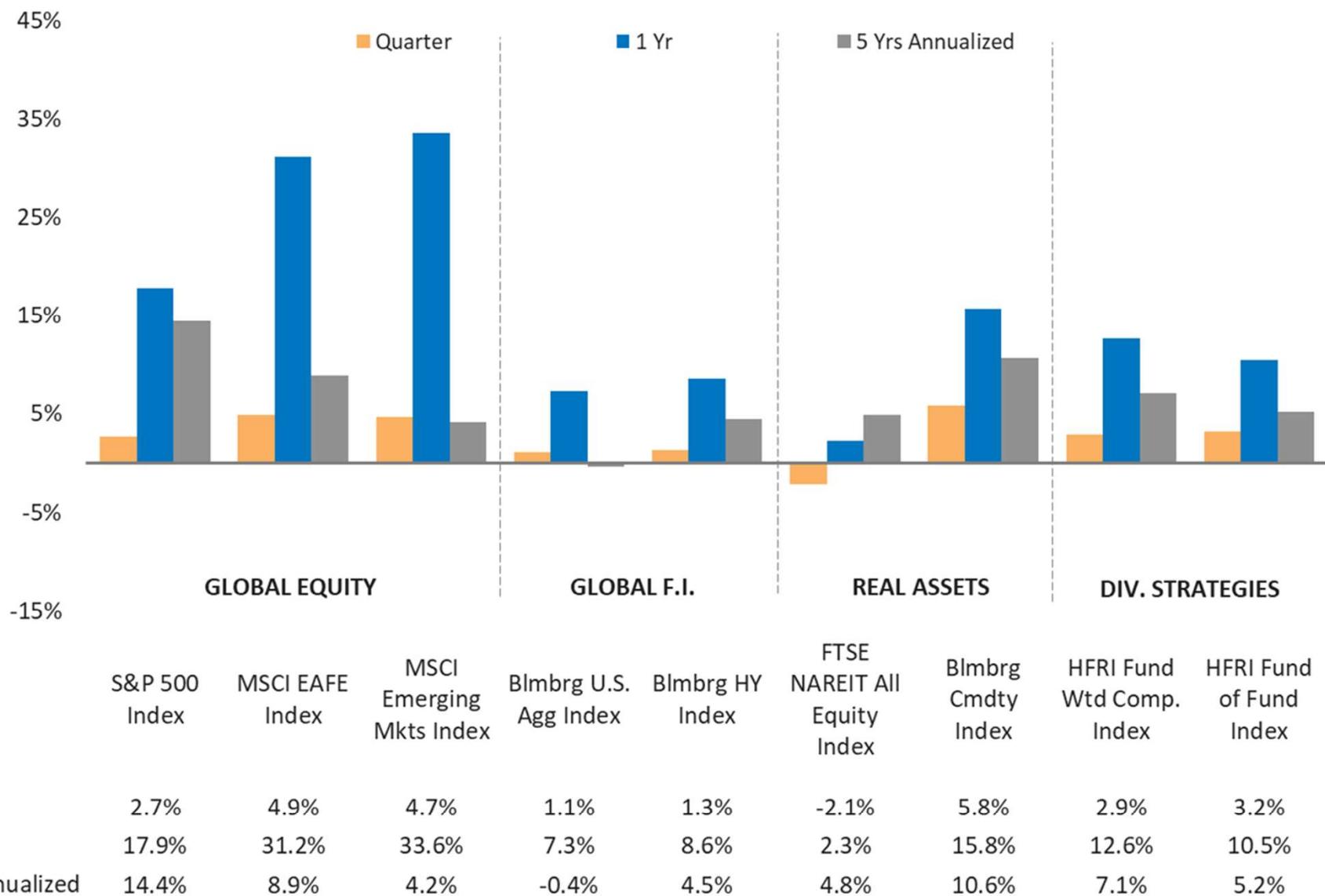
Crude Oil WTI (NYM \$/bbl) Continuous



Data source: FactSet

# MARKET RETURNS

## MAJOR ASSET CLASS RETURNS

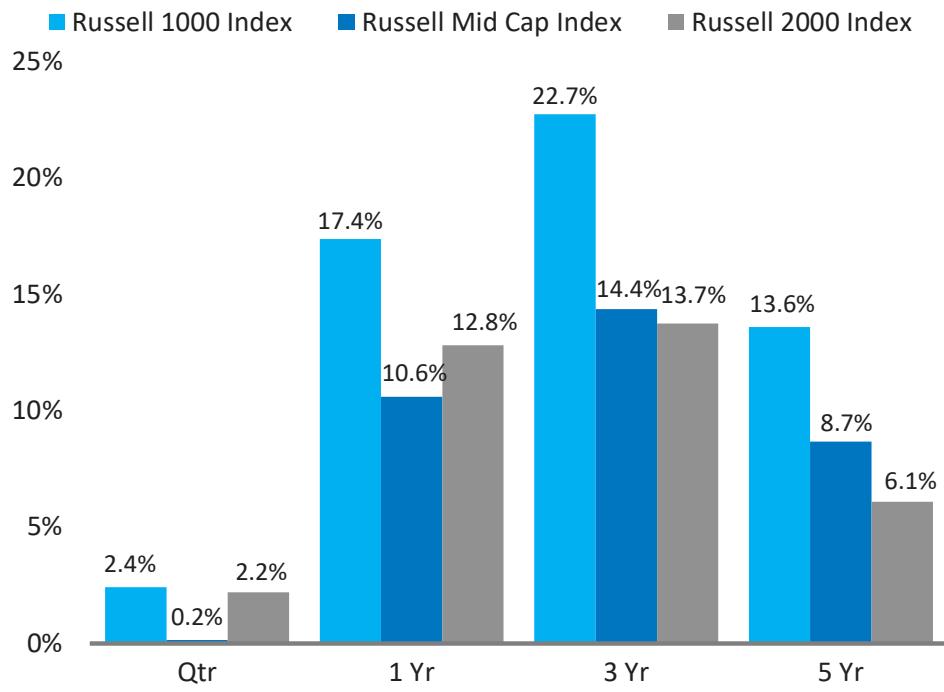


Data sources: Lipper and Hedge Fund Research, data as of the fifth business day following quarter-end

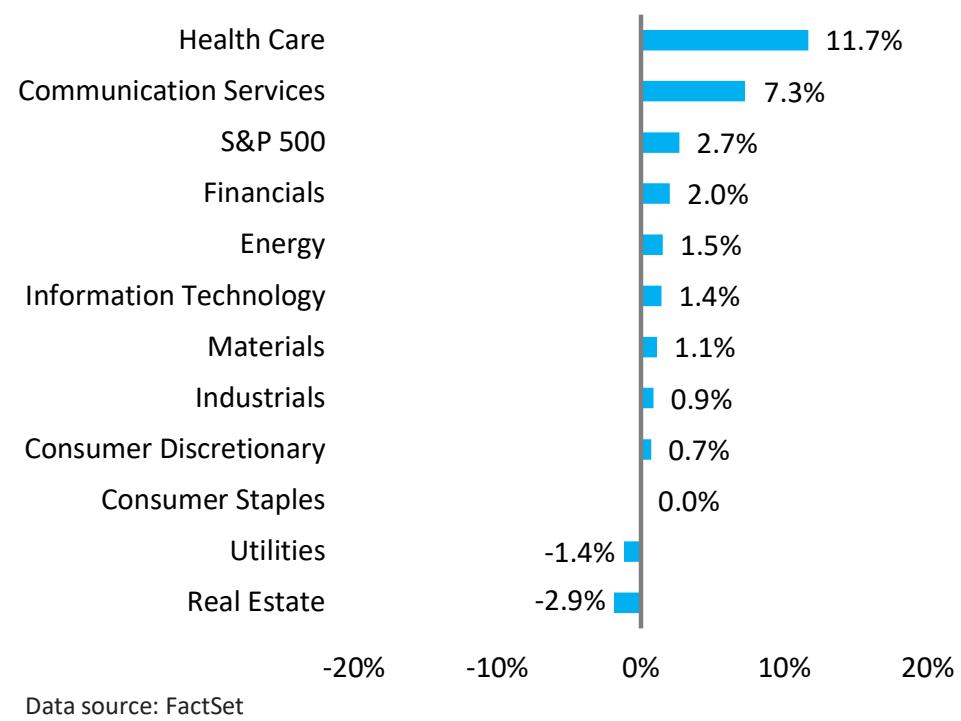
# GLOBAL EQUITY, U.S.

- U.S. equities delivered steady gains, with leadership remaining concentrated in large cap technology, notably Google and Nvidia. While year-end volatility emerged amid profit-taking, it reflected stretched valuations and elevated positioning rather than deterioration in earnings fundamentals. As investor concerns about valuation levels, capital expenditures, and the durability of technology earnings increased, early signs of sector broadening appeared, with capital rotating toward select cyclical and defensive areas.
- Health care rebounded strongly as investors' demand for this long-lagging defensive sector increased, supported by improved sentiment, strong biotech performance, increased merger and acquisition activity, and evolving policy expectations. The performance of communication services was primarily driven by Google following the positive reception of its Gemini 3 AI model. At the same time, financials benefited from favorable market reactions to the December rate cut and expectations for additional monetary easing in 2026.

## LARGE CAP, MID CAP, AND SMALL CAP



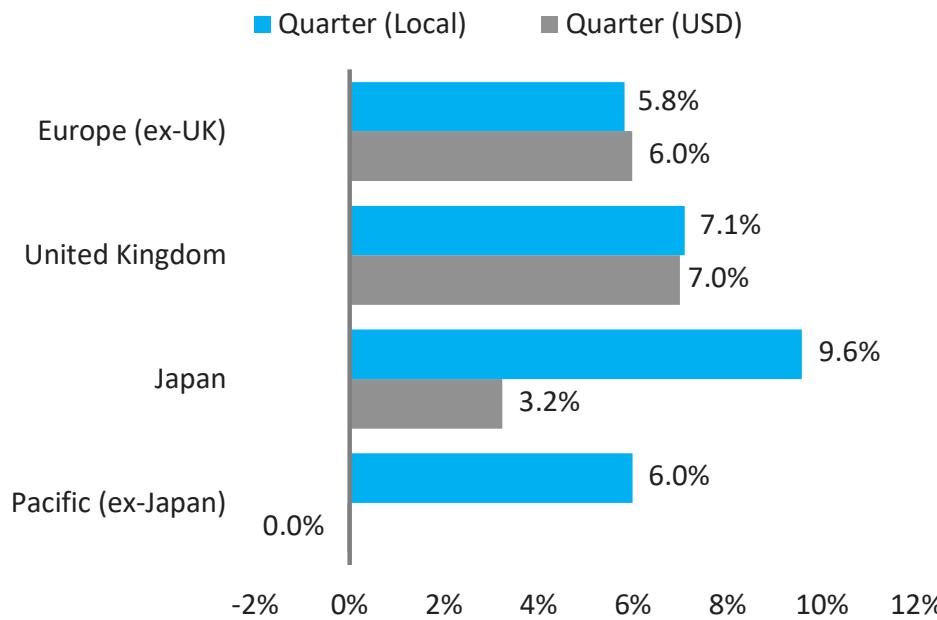
## S&P 500 SECTOR PERFORMANCE



## GLOBAL EQUITY, NON-U.S.

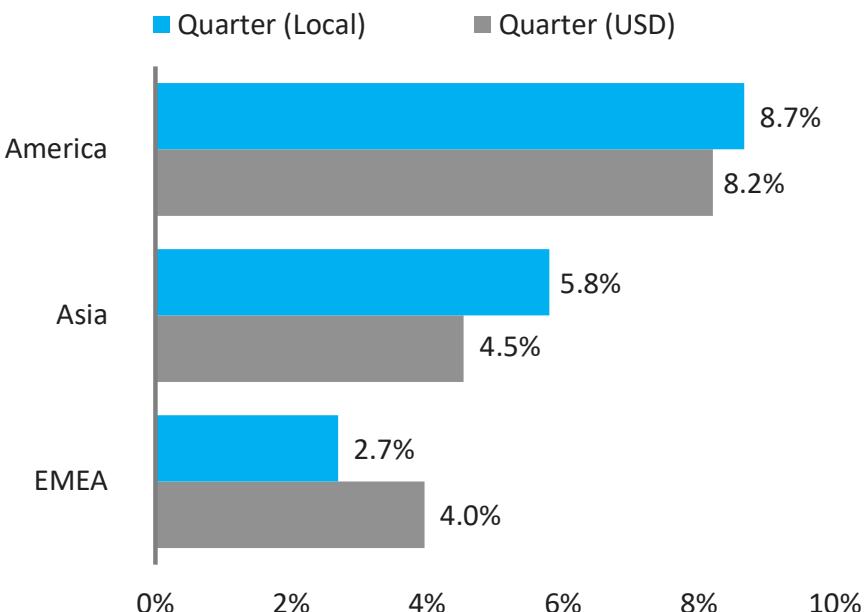
- International developed equities delivered strong performance, supported by easing global financial conditions following interest rate cuts across European markets throughout the year. While economic conditions in Europe remained mixed amid ongoing concerns around Germany's economic contraction, resilience in business activity and labor markets helped support investor confidence. Sentiment was further increased by expectations for continued reflation, alongside signs of proactive fiscal stimulus measures in Japan, which contributed to improved performance in Japanese equities.
- Emerging markets, particularly across Asia, continued to benefit from the structural tailwinds of the artificial intelligence theme. South Korea and Taiwan were among the strongest-performing markets, driven by sustained global demand for AI-related memory and semiconductor technologies, reflecting their critical roles within the global AI supply chain. In contrast, China reversed part of its earlier gains amid softer macroeconomic data and ongoing concerns about the property sector. Elsewhere, cooling inflation and supportive policy expectations in Latin America helped underpin regional equity performance.

### MSCI EAFE REGIONAL QUARTERLY RETURNS



Data source: MSCI Barra

### MSCI EM REGIONAL QUARTERLY RETURNS



Data source: MSCI Barra  
Note: EMEA – Europe, Middle East, and Africa

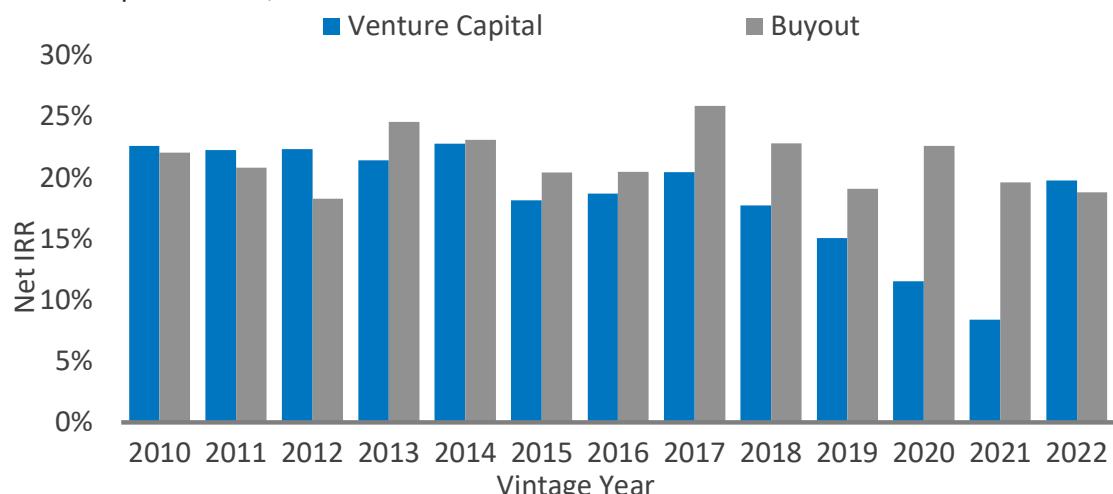
# GLOBAL EQUITY, PRIVATE

- Private equity reports performance on a lag; the latest data available is through September 30, 2025, unless otherwise noted.
- Venture capital (VC) activity slowed with fewer mega-rounds, though AI dominated big deals. Smaller rounds fell, and fundraising remained weak, but valuations rose on AI momentum. VC exits modestly recovered as initial public offering activity rebounded slightly with AI, defense tech, fintech, and crypto listings, but most IPOs priced below prior private valuations.
- Buyout activity held steady in volume but dipped in value, led by add-ons and a few large deals. Fundraising was strong for mega-funds but tougher for mid-market funds. Valuations remained stable for top assets, and exits improved with renewed public and corporate activity.
- Secondary deals persisted, with limited partner-led sales rising for liquidity and general partner-led continuation funds gaining traction. Per Jefferies, continuation vehicle exits have accounted for nearly 20% of all sponsor-backed exit volume year-to-date in 2025.<sup>1</sup>

<sup>1</sup> H1 2025 Global Secondary Market Review, Jefferies

## MEDIAN VENTURE CAPITAL AND BUYOUT VINTAGE YEAR IRR

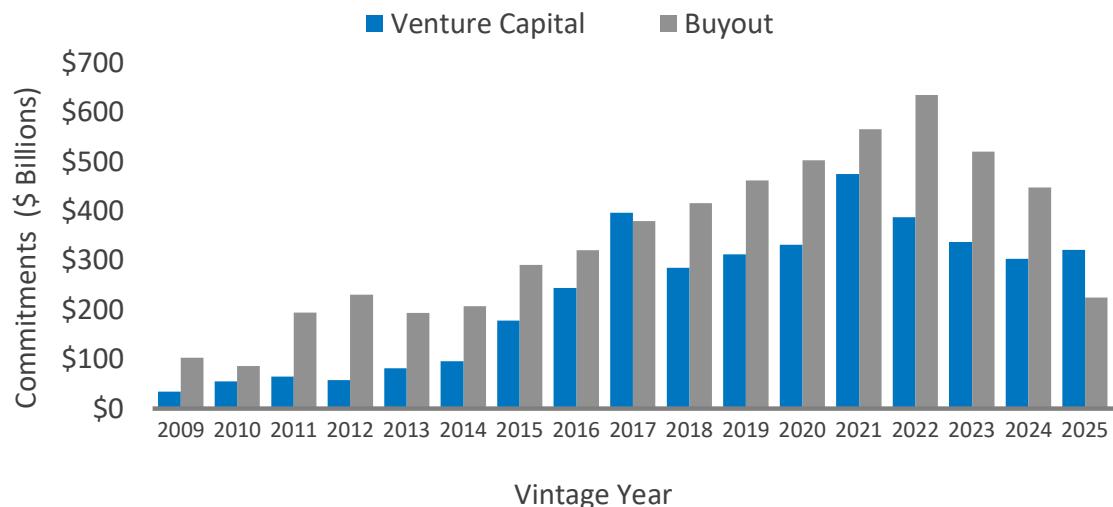
As of September 30, 2025



Data source: LSEG; the most recent return information available is through June 30, 2025

## VENTURE CAPITAL AND BUYOUT FUNDRAISING ACTIVITY

As of December 31, 2025

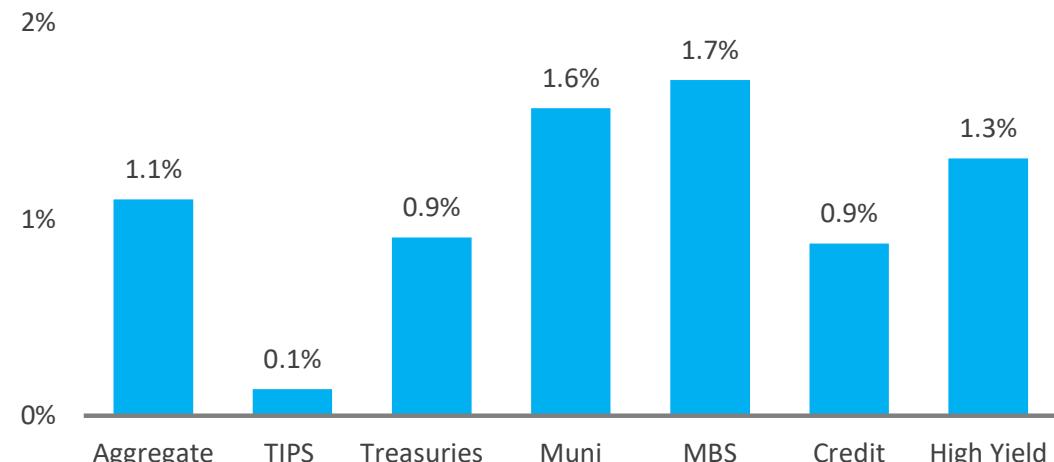


Data source: Pitchbook

# GLOBAL FIXED INCOME

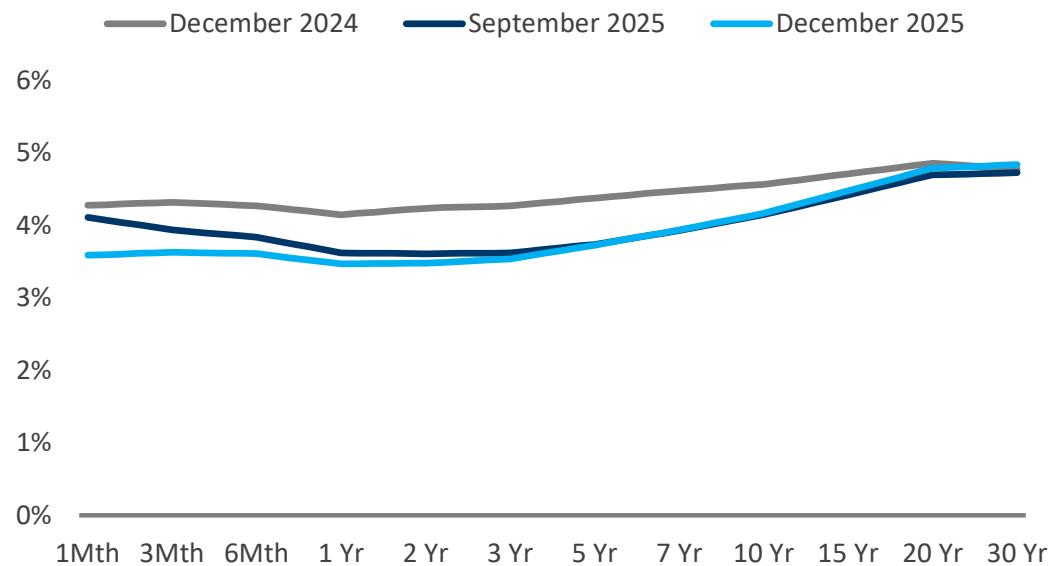
- The 10-year Treasury ended the quarter modestly higher after the Fed delivered on expected rate cuts in October and December. Markets are pricing in roughly two additional cuts for 2026, potentially marking the end of the Fed's cutting cycle.
- With a pause in economic data due to the government shutdown, the 10-year Treasury generally traded between 4% and 4.2%, exhibiting lower volatility than in prior quarters.
- Corporate spreads remained relatively flat, with slight widening in November and subsequent tightening in December, broadly following the path of equities. Strong investor demand continued as corporate fundamentals remained attractive, with moderate leverage and interest coverage ratios.
- The yield curve steepened 15 basis points (bps) during the quarter, driven almost entirely by a fall in the 2-year Treasury. This was a continued step toward curve normalization, with the year-end 2s/10s spread of 71 basis points approaching historical averages.

## BLOOMBERG U.S. FIXED INCOME INDEX RETURNS



Data source: FactSet

## U.S. TREASURY YIELD CURVE

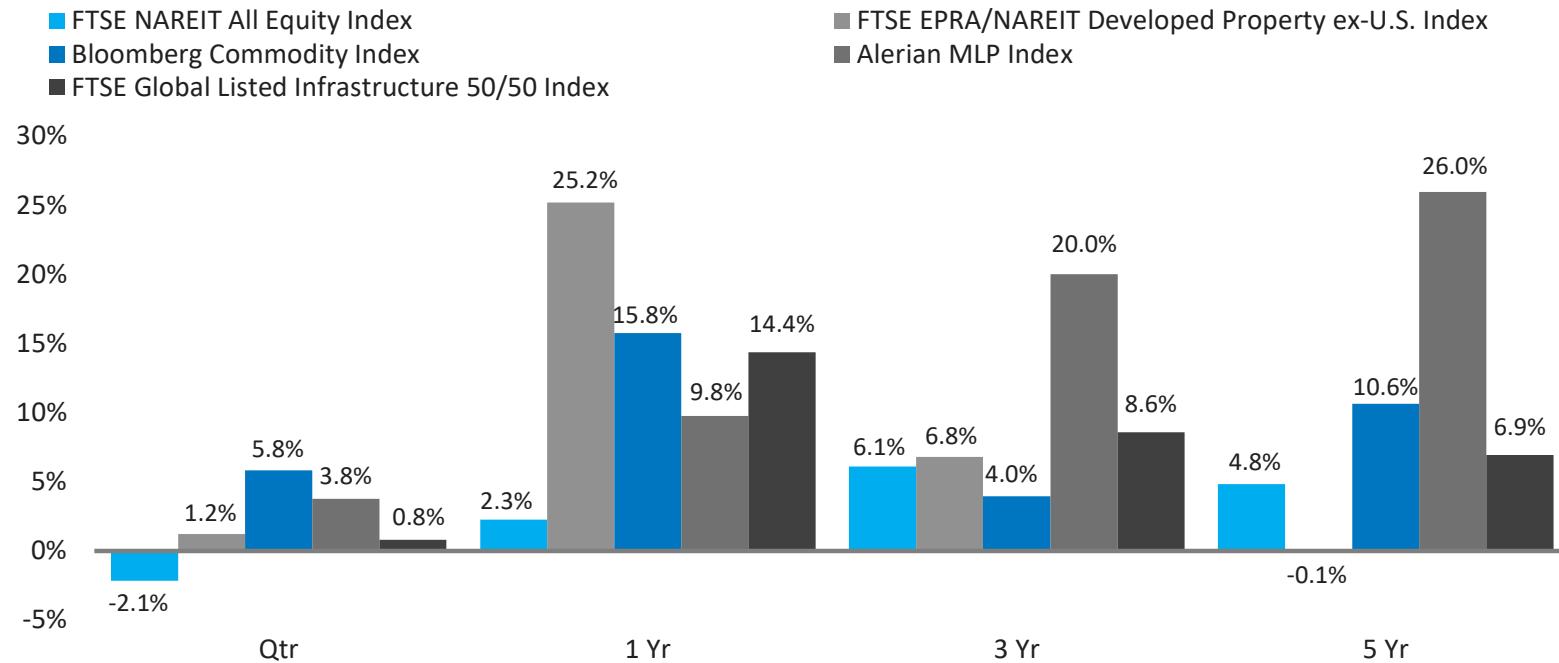


Data source: FactSet

# REAL ASSETS

- U.S. Real Estate Investment Trusts (REITs) underperformed global developed property markets, extending the divergence observed throughout 2025. Performance continued to be pressured by a weaker U.S. dollar and comparatively less supportive monetary conditions. At the same time, property markets in Europe and parts of Asia benefited from more accommodative interest rate environments, posting strong returns in 2025.
- Global listed infrastructure stocks closed the year slightly positive to finish a strong year, led by performance in Europe and the Asia Pacific region. Transportation stocks were the top-performing segment, supported by strength across marine ports, toll roads, and airports. Energy transmission and distribution also advanced, benefiting from growth in AI-related demand.
- Oil prices faced downside pressure in 2025 as continued OPEC+ production increases outweighed several notable geopolitical events, including Middle East tensions and political developments in Venezuela. Natural gas prices were particularly volatile, with December seeing the Henry Hub Natural Gas Continuous contract fall roughly \$2/mmbtu, driven by warmer near-term winter forecasts that reduced expected heating demand.

## PUBLIC REAL ASSETS – REAL ESTATE, COMMODITIES, MLPs, AND INFRASTRUCTURE

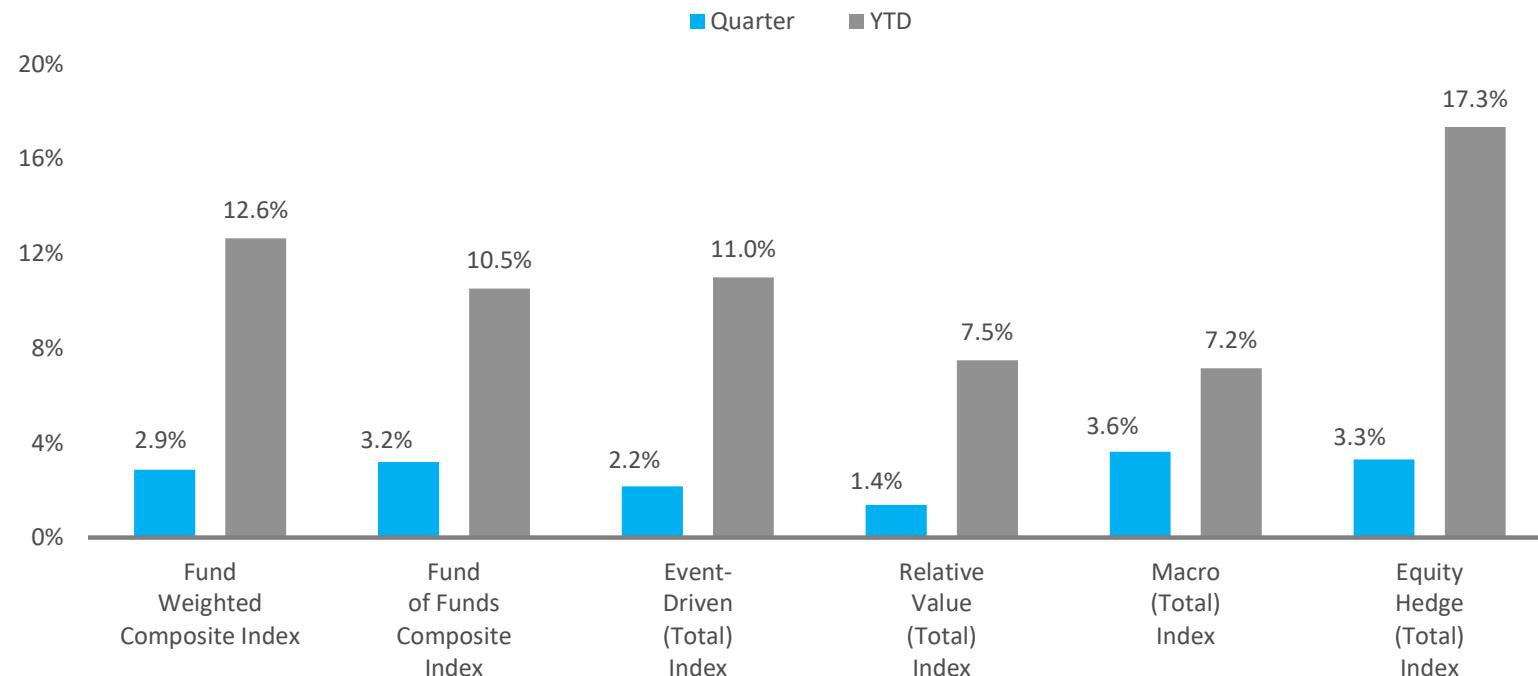


Data sources: NAREIT, FactSet, and Alerian

# DIVERSIFYING STRATEGIES, HEDGE FUNDS

- Hedge funds posted strong returns, navigating shifting risk sentiment amid AI-driven market dynamics, and interest-rate uncertainty.
- Macro strategies delivered the highest performance, supported by both discretionary and systematic managers. Gains were driven by strong positioning in commodities and currencies, particularly as geopolitical risks escalated.
- Equity hedge strategies also performed well, led by a surge in healthcare-focused funds, with energy and basic metals managers also contributing. Technology-oriented funds posted the lowest gains, while quantitative strategies posted slight losses.
- Event-driven strategies generated positive results, with activists leading performance, followed by credit arbitrage, distressed, and merger arbitrage approaches.
- Relative value funds posted broad-based gains, driven primarily by fixed income and rates trading, with additional contributions from convertibles and volatility strategies.

## HFRI INDICES PERFORMANCE RETURNS IN U.S. DOLLARS



Data source: Hedge Fund Research

# City of Grosse Pointe Woods Employees Retirement System

## Summary of Investment Performance

Report for Periods Ending December 31, 2025

	Qtr	FYTD	Annualized						Date	Market Value
			1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception		
<b>Total Composite</b>	<b>2.1%</b>	<b>8.1%</b>	<b>15.5%</b>	<b>14.5%</b>	<b>7.7%</b>	<b>10.4%</b>	<b>8.5%</b>	<b>6.7%</b>	1/05	\$54,228,183
Target Weighted Index <sup>1</sup>	2.4	8.7	17.0	14.9	8.0	10.2	8.5	7.0		
Broad Policy Index <sup>2</sup>	2.6	8.7	17.7	15.7	7.7	10.5	8.9	7.1		
Actuarial Rate <sup>3</sup>	1.8	3.5	7.3	7.3	7.4	7.5	7.6	7.7		
<b>Domestic Equity</b>										
iShares S&P 500 Index	<b>2.6</b>	<b>11.0</b>	<b>17.8</b>	<b>23.0</b>	<b>14.4</b>	<b>17.3</b>	<b>14.8</b>	<b>13.4</b>	8/14	17,516,656
S&P 500 Index	2.7	11.0	17.9	23.0	14.4	17.3	14.8	13.4		
S&P 500 Equal Weighted Index	1.4	6.3	11.4	12.8	10.5	13.3	11.7	10.4		
Invesco S&P 500 Equal Weighted Index	<b>3.5</b>	<b>9.0</b>	<b>14.4</b>	-	-	-	-	<b>9.8</b>	8/24	3,339,465
S&P 500 Equal Weighted Index	1.4	6.3	11.4	-	-	-	-	8.8		
iShares Russell Midcap Index	<b>0.1</b>	<b>5.4</b>	<b>10.4</b>	<b>14.2</b>	<b>8.5</b>	<b>12.6</b>	<b>10.8</b>	<b>9.9</b>	9/14	2,556,450
Russell Midcap Index	0.2	5.5	10.6	14.4	8.7	12.8	11.0	10.1		
<b>Small Cap Equity</b>										
Vanguard S&P Small Cap 600 Index	<b>1.7</b>	<b>11.0</b>	<b>6.0</b>	<b>10.1</b>	<b>7.2</b>	-	-	<b>9.4</b>	8/19	3,426,112
S&P SmallCap 600 Index	1.7	11.0	6.0	10.2	7.3	-	-	9.4		
<b>International Equity</b>										
EUPAC Fund	<b>4.6</b>	<b>11.1</b>	<b>29.0</b>	<b>16.2</b>	<b>4.5</b>	<b>10.3</b>	<b>8.3</b>	<b>7.2</b>	9/14	3,650,283
MSCI AC World Index ex-US	5.1	12.3	32.4	17.3	7.9	10.1	8.4	6.5		
Dodge & Cox International Stock Fund	<b>5.2</b>	<b>13.3</b>	<b>38.7</b>	-	-	-	-	<b>21.8</b>	11/23	3,668,717
MSCI AC World Index ex-U.S.	5.1	12.3	32.4	-	-	-	-	20.2		
MSCI EAFE Index	4.9	9.9	31.2	-	-	-	-	18.9		
Brown International Small Company	<b>-10.5</b>	<b>-13.9</b>	<b>-2.0</b>	<b>8.5</b>	-	-	-	<b>-1.3</b>	5/21	1,196,529
MSCI Small Cap EAFE Index	2.7	9.1	31.8	15.0	-	-	-	3.8		
MSCI ACWI ex-U.S. Small Cap Index	3.0	9.8	29.3	15.6	-	-	-	4.8		
Redwheel Global Emerging Equity Fund	<b>2.6</b>	<b>20.4</b>	<b>39.9</b>	<b>13.1</b>	<b>0.7</b>	<b>8.1</b>	-	<b>2.5</b>	2/18	725,179
DFA Emerging Markets Fund	<b>5.3</b>	<b>15.8</b>	<b>33.6</b>	<b>17.3</b>	<b>6.6</b>	<b>8.9</b>	<b>9.2</b>	<b>6.0</b>	9/14	1,727,585
MSCI Emerging Markets Index	4.7	15.9	33.6	16.4	4.2	8.1	8.4	5.5		

# City of Grosse Pointe Woods Employees Retirement System

## Summary of Investment Performance

Report for Periods Ending December 31, 2025

	Qtr	FYTD	Annualized						Date	Market Value
			1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception		
<b>Fixed Income</b>										
Dodge & Cox Income Fund	<b>1.3%</b>	<b>3.8%</b>	<b>8.3%</b>	<b>6.1%</b>	<b>1.0%</b>	-	-	<b>3.2%</b>	2/19	\$3,558,503
Bloomberg IG Credit Index	0.9	3.5	7.9	5.7	-0.3	-	-	2.7		
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	-	-	1.9		
DoubleLine Total Return Bond Fund	<b>1.3</b>	<b>3.4</b>	<b>8.0</b>	<b>5.5</b>	<b>0.6</b>	-	-	<b>1.8</b>	2/19	3,335,054
Bloomberg U.S. MBS Index	1.7	4.2	8.6	4.9	0.1	-	-	1.5		
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	-	-	1.9		
Vanguard Total Bond Fund	<b>1.0</b>	<b>2.9</b>	<b>7.2</b>	<b>4.7</b>	<b>-0.4</b>	-	-	<b>1.9</b>	2/19	3,022,593
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	-	-	1.9		
<b>Low Volatility</b>										
Gateway Fund	<b>2.5</b>	<b>7.5</b>	<b>10.8</b>	<b>13.6</b>	<b>7.6</b>	<b>8.0</b>	-	<b>6.6</b>	8/18	1,355,760
PIMCO All Asset Fund	<b>2.8</b>	<b>7.4</b>	<b>14.7</b>	<b>9.0</b>	<b>5.8</b>	<b>7.1</b>	-	<b>6.8</b>	11/18	1,362,752
HFRX Equity Hedge Index	1.7	5.5	10.1	8.3	6.6	6.9	-	6.2		
<b>Real Estate</b>										
Principal Real Estate Securities Fund	<b>-2.4</b>	<b>-1.4</b>	<b>1.2</b>	<b>6.5</b>	<b>4.8</b>	<b>7.0</b>	<b>5.9</b>	<b>7.0</b>	9/14	1,061,457
FTSE NAREIT All Equity Index <sup>4</sup>	-2.1	0.5	2.3	6.7	5.1	5.5	4.3	5.2		
<b>Natural Resources</b>										
Tortoise MLP & Pipeline Fund	<b>-0.4</b>	<b>0.1</b>	<b>4.9</b>	<b>19.6</b>	<b>24.1</b>	<b>13.7</b>	-	<b>9.7</b>	8/17	699,342
Alerian MLP Index	3.8	2.5	9.8	20.0	26.0	13.4	-	9.3		
Tortoise North American Pipeline Index	-2.2	1.1	8.2	18.7	21.6	14.7	-	10.9		
Cohen & Steers Global Listed Infrastructure	<b>0.7</b>	<b>5.7</b>	<b>14.7</b>	<b>9.5</b>	-	-	-	<b>6.0</b>	5/22	1,419,369
FTSE Global Core Infrastructure 50/50	0.8	4.6	14.4	8.6	-	-	-	5.0		
DJ Brookfield Global Infrastructure Index	0.4	2.0	14.0	10.5	-	-	-	5.7		
<b>Cash</b>										
Schwab Government Money Fund	<b>0.9</b>	<b>1.9</b>	<b>3.9</b>	<b>4.5</b>	<b>2.9</b>	<b>2.4</b>	<b>1.8</b>	<b>1.6</b>	7/14	606,377
U.S. 91-Day Treasury Bills	0.9	2.0	4.1	4.7	3.2	2.6	2.2	1.9		

# City of Grosse Pointe Woods Employees Retirement System

## Summary of Investment Performance

Report for Periods Ending December 31, 2025

	Qtr	FYTD	Annualized						Since Inception	Date	Market Value
			1Yr	3Yr	5Yr	7Yr	10Yr				
<b><u>Long Term Manager Performance</u></b>											
<b>Domestic Equity</b>											
<b>iShares S&amp;P 500 Index</b>	<b>2.6%</b>	<b>11.0%</b>	<b>17.8%</b>	<b>23.0%</b>	<b>14.4%</b>	<b>17.3%</b>	<b>14.8%</b>	<b>10.8%</b>		1/05	
S&P 500 Index	2.7	11.0	17.9	23.0	14.4	17.3	14.8	10.9			
S&P 500 Equal Weighted Index	1.4	6.3	11.4	12.8	10.5	13.3	11.7	10.2			
<b>Invesco S&amp;P 500 Equal Weighted Index</b>	<b>3.5</b>	<b>9.0</b>	<b>14.4</b>	<b>13.1</b>	-	-	-	<b>7.6</b>		11/21	
S&P 500 Equal Weighted Index	1.4	6.3	11.4	12.8	-	-	-	7.6			
<b>iShares Russell Midcap Index</b>	<b>0.1</b>	<b>5.4</b>	<b>10.4</b>	<b>14.2</b>	<b>8.5</b>	<b>12.6</b>	<b>10.8</b>	<b>9.7</b>		1/05	
Russell Midcap Index	0.2	5.5	10.6	14.4	8.7	12.8	11.0	9.8			
<b>Vanguard S&amp;P Small Cap 600 Index</b>	<b>1.7</b>	<b>11.0</b>	<b>6.0</b>	<b>10.1</b>	<b>7.2</b>	<b>9.9</b>	<b>9.8</b>	<b>11.2</b>		9/10	
S&P SmallCap 600 Index	1.7	11.0	6.0	10.2	7.3	10.0	9.8	11.3			
<b><u>International Equity</u></b>											
<b>EUPAC Fund</b>	<b>4.6</b>	<b>11.1</b>	<b>29.0</b>	<b>16.2</b>	<b>4.5</b>	<b>10.3</b>	<b>8.3</b>	<b>6.5</b>		8/08	
MSCI AC World Index ex-U.S.	5.1	12.3	32.4	17.3	7.9	10.1	8.4	5.3			
<b>Dodge &amp; Cox International Stock Fund</b>	<b>5.2</b>	<b>13.3</b>	<b>38.7</b>	<b>18.9</b>	<b>11.7</b>	<b>11.8</b>	<b>9.1</b>	<b>7.0</b>		1/05	
MSCI AC World Index ex-U.S.	5.1	12.3	32.4	17.3	7.9	10.1	8.4	6.2			
MSCI EAFE Index	4.9	9.9	31.2	17.2	8.9	10.5	8.2	6.1			
<b>Brown International Small Company</b>	<b>-10.5</b>	<b>-13.9</b>	<b>-2.0</b>	<b>8.5</b>	<b>-0.2</b>	<b>8.9</b>	<b>9.5</b>	<b>10.0</b>		9/15	
MSCI Small Cap EAFE Index	2.7	9.1	31.8	15.0	5.6	9.1	7.5	8.0			
MSCI ACWI ex-U.S. Small Cap Index	3.0	9.8	29.3	15.6	6.9	10.0	8.1	8.5			
<b>Redwheel Global Emerging Equity Fund</b>	<b>2.7</b>	<b>20.8</b>	<b>41.4</b>	<b>13.8</b>	<b>1.3</b>	<b>8.9</b>	<b>8.8</b>	<b>7.8</b>		7/12	
MSCI Emerging Markets Index	4.7	15.9	33.6	16.4	4.2	8.1	8.4	5.4			
<b>DFA Emerging Markets Fund</b>	<b>5.3</b>	<b>15.8</b>	<b>33.6</b>	<b>17.3</b>	<b>6.6</b>	<b>8.9</b>	<b>9.2</b>	<b>7.5</b>		1/05	
MSCI Emerging Markets Index	4.7	15.9	33.6	16.4	4.2	8.1	8.4	7.2			

# City of Grosse Pointe Woods Employees Retirement System

## Summary of Investment Performance

Report for Periods Ending December 31, 2025

	Qtr	FYTD	Annualized						Date	Market Value
			1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception		
<b>Fixed Income</b>										
Dodge & Cox Income Fund	1.3%	3.8%	8.3%	6.1%	1.0%	3.4%	3.4%	4.1%	1/05	
Bloomberg IG Credit Index	0.9	3.5	7.9	5.7	-0.3	2.9	2.8	3.8		
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	3.2		
DoubleLine Total Return Bond Fund	1.3	3.4	8.0	5.5	0.6	1.8	2.0	3.8	4/10	
Bloomberg U.S. MBS Index	1.7	4.2	8.6	4.9	0.1	1.5	1.6	2.2		
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	2.5		
Vanguard Total Bond Fund	1.0	2.9	7.2	4.7	-0.4	2.0	2.0	3.2	1/05	
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	3.2		
<b>Low Volatility</b>										
Gateway Fund	2.5	7.5	10.8	13.6	7.6	8.0	6.7	5.2	1/05	
PIMCO All Asset Fund	2.8	7.4	14.7	9.0	5.8	7.1	7.1	5.6	1/05	
HFRX Equity Hedge Index	1.7	5.5	10.1	8.3	6.6	6.9	4.8	2.3		
<b>Real Estate</b>										
Principal Real Estate Securities Fund	-2.4	-1.4	1.2	6.5	4.8	7.0	5.9	8.0	1/05	
FTSE NAREIT All Equity Index	-2.1	0.5	2.3	6.7	5.1	5.5	4.3	5.9		
<b>Natural Resources</b>										
Tortoise MLP & Pipeline Fund	-0.4	0.1	4.9	19.6	24.1	13.7	11.4	8.8	5/11	
Alerian MLP Index	3.8	2.5	9.8	20.0	26.0	13.4	8.8	6.2		
Tortoise North American Pipeline Index	-2.2	1.1	8.2	18.7	21.6	14.7	12.8	-		
Cohen & Steers Global Listed Infrastructure	0.7	5.7	14.7	9.5	7.8	8.7	8.3	7.2	1/05	
FTSE Global Core Infrastructure 50/50	0.8	4.6	14.4	8.6	6.9	7.7	7.8	-		
DJ Brookfield Global Infrastructure Index	0.4	2.0	14.0	10.5	9.0	8.5	7.3	8.3		
<b>Cash</b>										
Schwab Government Money Fund	0.9	1.9	3.9	4.5	2.9	2.4	1.8	1.5	1/05	
U.S. 91-Day Treasury Bills	0.9	2.0	4.1	4.7	3.2	2.6	2.2	1.7		

**City of Grosse Pointe Woods Employees Retirement System**  
**Summary of Investment Performance**  
Report for Periods Ending December 31, 2025

**Footnotes:**

\* Performance returns are net of investment management fees.

\* Calculated returns may differ from the manager's due to differences in security pricing and/or cash flows.

\* Manager and index data represent the most current available at the time of report publication.

\* For managers and indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

\* The fiscal year ends in June.

1 Target Weighted Index is currently comprised of: 6.0% S&P Real Assets Equity Total Return Index, 37.0% Russell 1000 Index, 5.0% Russell Midcap Index, 7.0% Russell 2000 Index, 10.0% MSCI EAFE Index, 5.0% MSCI Small Cap EAFE Index, 5.0% MSCI Emerging Markets Index, 20.0% Bloomberg U.S. Aggregate Index, and 5.0% HFRI FOF: Conservative Index. Please see Appendix for benchmark history.

2 Broad Policy Index is comprised of: 70.0% MSCI AC World Index and 30.0% Bloomberg U.S. Aggregate Index.

3 Actuarial Rate is currently comprised of: 100.0% 7.2% Absolute Return. Please see Appendix for benchmark history.

4 FTSE NAREIT All Equity Index is currently comprised of: 100.0% FTSE NAREIT All Equity Index. Please see Appendix for benchmark history.

ARWC Global Emerging Equity Fund (LT) uses longer term composite returns for performance evaluation rather than the shorter-term mutual fund returns.

# City of Grosse Pointe Woods Employees Retirement System

## Schedule of Asset and Style Allocation

Asset Class	Current Weight	Target Weight	Target Range
Large Cap Equity	38.5%	37.0%	10.0% - 50.0%
Mid Cap Equity	4.7%	5.0%	0.0% - 15.0%
Small Cap Equity	6.3%	7.0%	5.0% - 30.0%
International Equity	13.5%	10.0%	5.0% - 25.0%
International Small Cap Equity	2.2%	5.0%	0.0% - 15.0%
Emerging Markets	4.5%	5.0%	0.0% - 15.0%
Fixed Income	18.3%	20.0%	5.0% - 30.0%
Low Volatility	5.0%	5.0%	0.0% - 20.0%
Real Assets	5.9%	6.0%	0.0% - 10.0%
Cash	1.1%	0.0%	0.0% - 5.0%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	

# City of Grosse Pointe Woods Employees Retirement System

## Schedule of Asset and Style Allocation

Asset Class - Style	Manager	Portfolio Invested	Portfolio Cash	Market Value	Current Weight
Large Cap Equity - Broad	Invesco S&P 500 Equal Weighted Index	100.0%	0.0%	\$3,339,465	6.2%
Large Cap Equity - Broad	iShares S&P 500 Index	100.0%	0.0%	\$17,516,656	32.3%
Mid Cap Equity - Broad	iShares Russell Midcap Index	100.0%	0.0%	\$2,556,450	4.7%
Small Cap Equity - Broad	Vanguard S&P Small Cap 600 Index	100.0%	0.0%	\$3,426,112	6.3%
International Equity - Core	EUPAC Fund	100.0%	0.0%	\$3,650,283	6.7%
International Equity - Value	Dodge & Cox International Stock Fund	100.0%	0.0%	\$3,668,717	6.8%
International Small Cap Equity - Core	Brown International Small Company	100.0%	0.0%	\$1,196,529	2.2%
Emerging Markets - Core	DFA Emerging Markets Fund	100.0%	0.0%	\$1,727,585	3.2%
Emerging Markets - Growth	Redwheel Global Emerging Equity Fund	100.0%	0.0%	\$725,179	1.3%
Fixed Income - Core	Dodge & Cox Income Fund	100.0%	0.0%	\$3,558,503	6.6%
Fixed Income - Core	Vanguard Total Bond Fund	100.0%	0.0%	\$3,022,593	5.6%
Fixed Income - Core Plus	DoubleLine Total Return Bond Fund	100.0%	0.0%	\$3,335,054	6.2%
Low Volatility - Liquid	Gateway Fund	100.0%	0.0%	\$1,355,760	2.5%
Low Volatility - Tactical	PIMCO All Asset Fund	100.0%	0.0%	\$1,362,752	2.5%
Real Assets - Core	Principal Real Estate Securities Fund	100.0%	0.0%	\$1,061,457	2.0%
Real Assets - Infrastructure	Cohen & Steers Global Listed Infrastructure	100.0%	0.0%	\$1,419,369	2.6%
Real Assets - MLP	Tortoise MLP & Pipeline Fund	100.0%	0.0%	\$699,342	1.3%
Cash - Cash	Schwab Government Money Fund	100.0%	0.0%	\$606,377	1.1%
<b>Total</b>				<b>\$54,228,183</b>	<b>100.0%</b>

# City of Grosse Pointe Woods Employees Retirement System

## Investment Metrics

Report for Periods Ending December 31, 2025

Statistical Measures	Sharpe Ratio	Standard Deviation	Tracking Error	Information Ratio
<b>Total Composite</b>	<b>0.3</b>	<b>13.1%</b>	<b>2.1%</b>	<b>0.0</b>
Target Weighted Index	0.4	12.3	1.6	-0.2
Broad Policy Index	0.4	12.1	0.0	--
<hr/>				
<b>Asset Growth Summary (in thousands)</b>		<b>Qtr</b>	<b>FYTD</b>	
Beginning Market Value		\$ 53,516	\$ 50,647	
Net Contributions/(Distributions)		\$ (349)	\$ (444)	
<b>Market Appreciation/(Depreciation)</b>		<b>\$ 1,061</b>	<b>\$ 4,025</b>	
<b>Ending Market Value</b>		<b>\$ 54,228</b>	<b>\$ 54,228</b>	

\* Risk Statistics are based on monthly data.

\* Target Weighted Index is currently comprised of: 6.0% S&P Real Assets Equity Total Return Index, 37.0% Russell 1000 Index, 5.0% Russell Midcap Index, 7.0% Russell 2000 Index, 10.0% MSCI EAFE Index, 5.0% MSCI Small Cap EAFE Index, 5.0% MSCI Emerging Markets Index, 20.0% Bloomberg U.S. Aggregate Index, and 5.0% HFRI FOF: Conservative Index. Please see Appendix for benchmark history.

\* Broad Policy Index is comprised of: 70.0% MSCI AC World Index and 30.0% Bloomberg U.S. Aggregate Index.

# City of Grosse Pointe Woods Employees Retirement System

## iShares S&P 500 Index

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>iShares S&amp;P 500 Index</b>	<b>2.6%</b>	<b>11.0%</b>	<b>17.8%</b>	<b>23.0%</b>	<b>14.4%</b>	<b>17.3%</b>	<b>14.8%</b>	<b>10.8%</b>	1/05
S&P 500 Index	2.7	11.0	17.9	23.0	14.4	17.3	14.8	10.9	
S&P 500 Equal Weighted Index	1.4	6.3	11.4	12.8	10.5	13.3	11.7	10.2	
<hr/>									
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>		Standard Deviation		Tracking Error		Information Ratio
<b>iShares S&amp;P 500 Index</b>	<b>1.00</b>	<b>0.0%</b>	<b>1.00</b>		<b>17.4%</b>		<b>0.0%</b>		<b>-2.0</b>
S&P 500 Index	1.00	0.0	1.00		17.3		0.0		--
S&P 500 Equal Weighted Index	0.96	-3.5	0.84		17.6		6.4		0.6
<hr/>									
Portfolio Statistics	Trailing P/E	Trailing P/B		Wtd Avg Mkt Cap		Current Yield		Equity Annual Turnover	
<b>iShares S&amp;P 500 Index</b>	<b>28.3</b>	<b>5.2</b>		<b>1,430,600.0 M</b>		<b>1.1%</b>		-- %	
S&P 500 Index	28.3	5.2		1,430,600.0		1.1		--	
S&P 500 Equal Weighted Index	--	--		--		--		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## iShares S&P 500 Index

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 0.0%	No
Beta < 1.20	Beta = 1.00	Yes
Alpha > 0.0%	Alpha = 0.0%	No
Peer Group Rank > 50th Percentile	Ranks in Top 25th Percentile	Yes

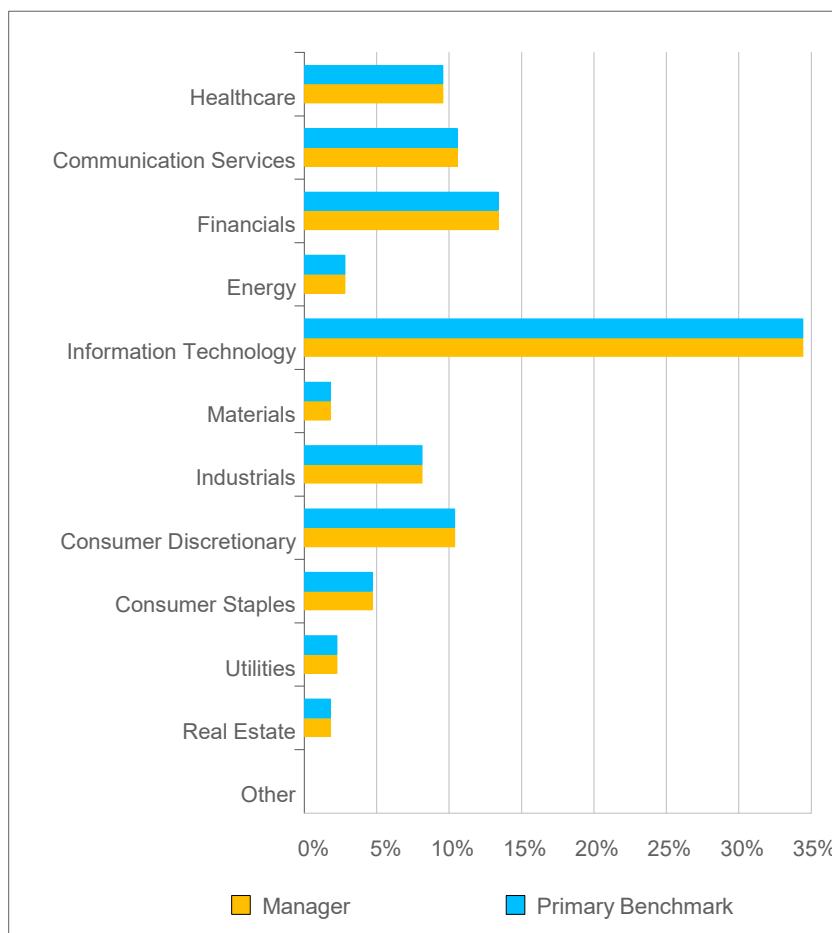
# City of Grosse Pointe Woods Employees Retirement System

## iShares S&P 500 Index

### Equity Sector

Report For Periods Ending December 31, 2025

#### Sector Allocation



Sector	Sector Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Healthcare	10%	10%	11.7%	14.6%
Communication Services	11	11	7.3	33.7
Financials	13	13	2.0	15.0
Energy	3	3	1.5	8.3
Information Technology	34	34	1.4	24.0
Materials	2	2	1.1	10.6
Industrials	8	8	0.9	19.4
Consumer Discretionary	10	10	0.7	6.0
Consumer Staples	5	5	0.0	3.8
Utilities	2	2	-1.4	16.0
Real Estate	2	2	-2.9	3.4
Other	0	0	-	-

Top Five Holdings	Weighting
NVIDIA Corporation	7.8%
Apple Inc.	6.9
Microsoft Corporation	6.2
Amazon.com, Inc.	3.8
Alphabet Inc. Class A	3.1

Number of Holdings: 503

\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

\* Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

# City of Grosse Pointe Woods Employees Retirement System

## iShares S&P 500 Index

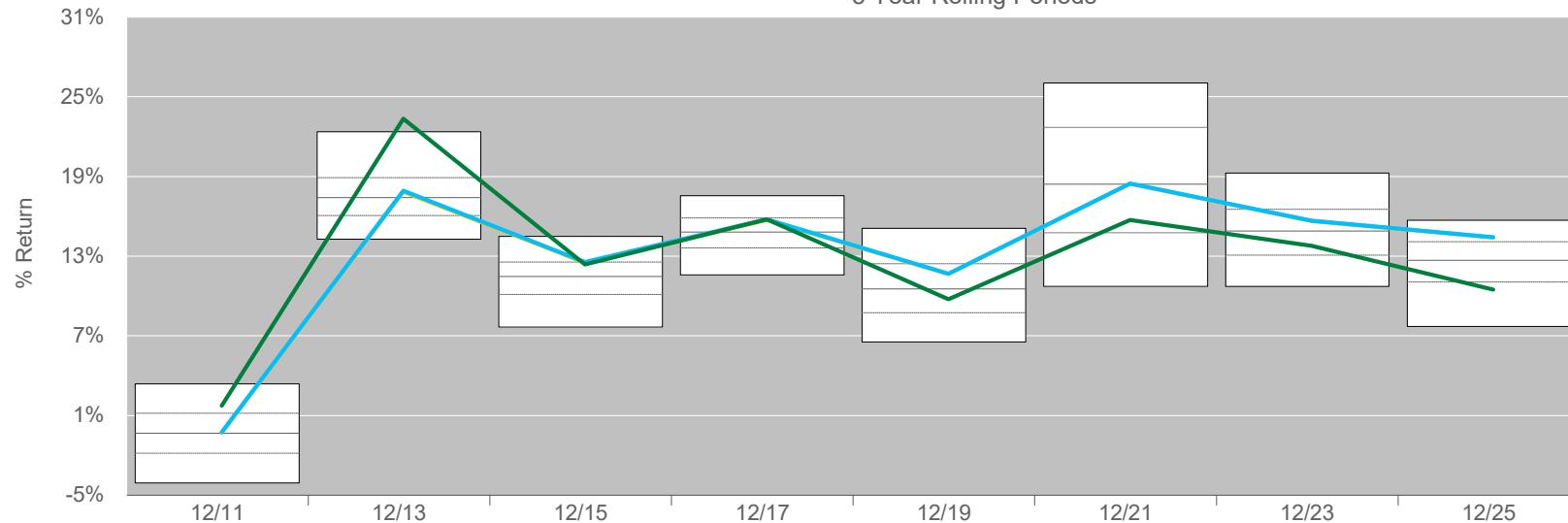
### Broad Large Cap Universe

For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025

5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Invesco S&P 500 Equal Weighted Index

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	Since Inception	Inception Date
<b>Invesco S&amp;P 500 Equal Weighted Index</b>	3.5%	9.0%	14.4%	13.1%	7.6%	11/21
S&P 500 Equal Weighted Index	1.4	6.3	11.4	12.8	7.6	
Risk Statistics (Since 11/21)	Beta	Alpha	R <sup>2</sup>	Standard Deviation	Tracking Error	Information Ratio
<b>Invesco S&amp;P 500 Equal Weighted Index</b>	1.00	0.0%	0.99	18.2%	1.7%	0.0
S&P 500 Equal Weighted Index	1.00	0.0	1.00	18.1	0.0	--
Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover	
<b>Invesco S&amp;P 500 Equal Weighted Index</b>	20.6	2.7	43,509.2M	2.2%	--%	
S&P 500 Equal Weighted Index	--	--	--	--	--	--
Asset Growth Summary (in thousands)						
Beginning Market Value		\$ 0				
Net Contributions/(Distributions)		\$ 0				
<b>Market Appreciation/(Depreciation)</b>		<u>\$ 0</u>				
<b>Ending Market Value</b>		<u><u>\$ 0</u></u>				

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Invesco S&P 500 Equal Weighted Index

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
Time Period From 11/21 To 12/25		
Return > Benchmark	Return over benchmark = 0.0%	Yes
Beta < 1.20	Beta = 1.00	Yes
Alpha > 0.0%	Alpha = 0.0%	Yes
Peer Group Rank > 50th Percentile	Ranks in Bottom 25th Percentile	No

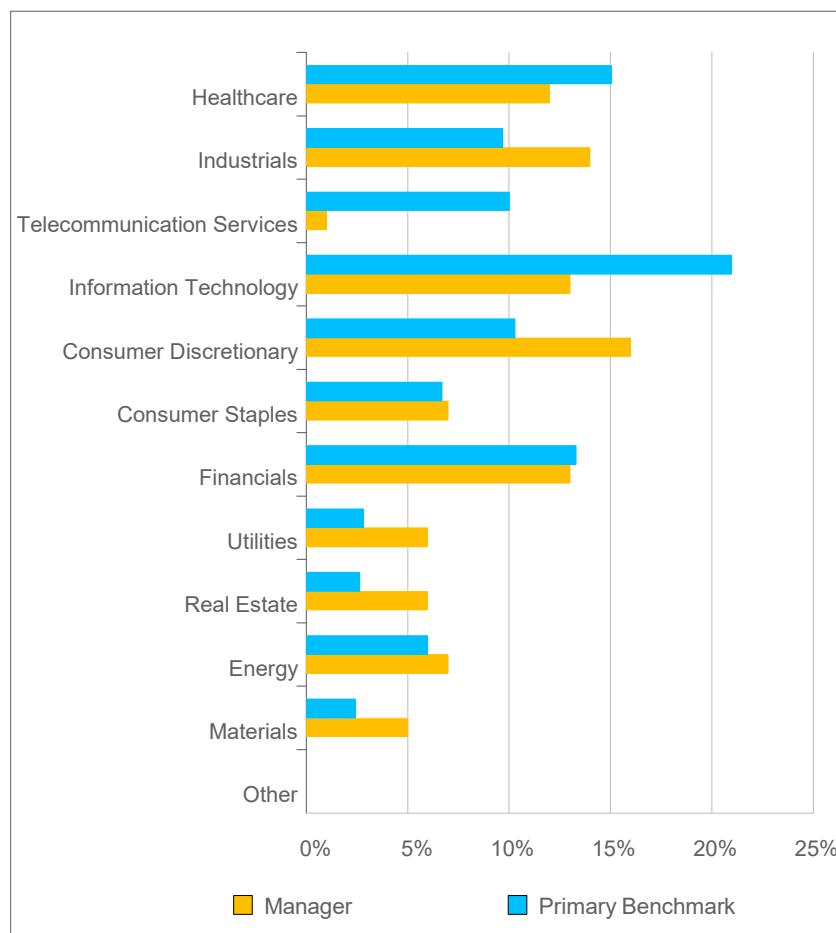
# City of Grosse Pointe Woods Employees Retirement System

## Invesco S&P 500 Equal Weighted Index

### Equity Sector

Report For Periods Ending December 31, 2025 \*

#### Sector Allocation



Sector	Sector Weightings		Market Total Returns	
	Manager	Benchmark	3 Months	12 Months
Healthcare	12%	15%	14.5%	18.4%
Industrials	14	10	10.0	11.2
Telecommunication Services	1	10	9.9	4.4
Information Technology	13	21	8.8	31.5
Consumer Discretionary	16	10	8.2	32.5
Consumer Staples	7	7	5.7	2.9
Financials	13	13	4.4	8.7
Utilities	6	3	2.4	2.9
Real Estate	6	3	0.9	0.9
Energy	7	6	0.6	13.9
Materials	5	2	0.4	4.0
Other	0	0	-	-

Top Five Holdings	Weighting
NVIDIA Corporation	0.2%
Allergan, Inc.	0.2
Eli Lilly and Company	0.2
Xilinx, Inc.	0.2
Apartment Investment and Management Comp	0.2/

Number of Holdings: 505

\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

\* Benchmark weightings are for the S&P 500 Index.

\* Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services. This page was generated using sector information prior to this quarter as manager sectors under the current GICS classification

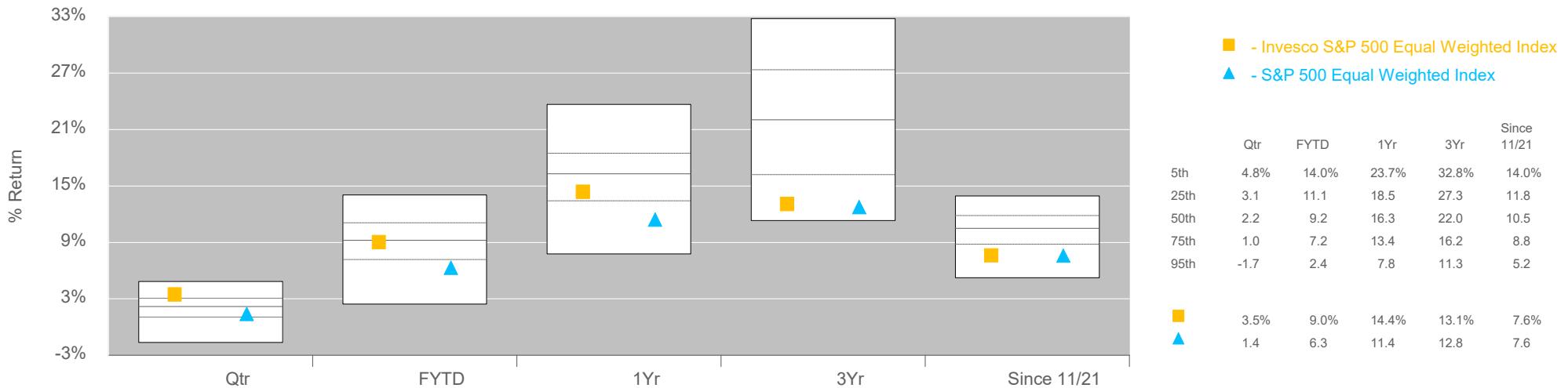
are unavailable.

# City of Grosse Pointe Woods Employees Retirement System

## Invesco S&P 500 Equal Weighted Index

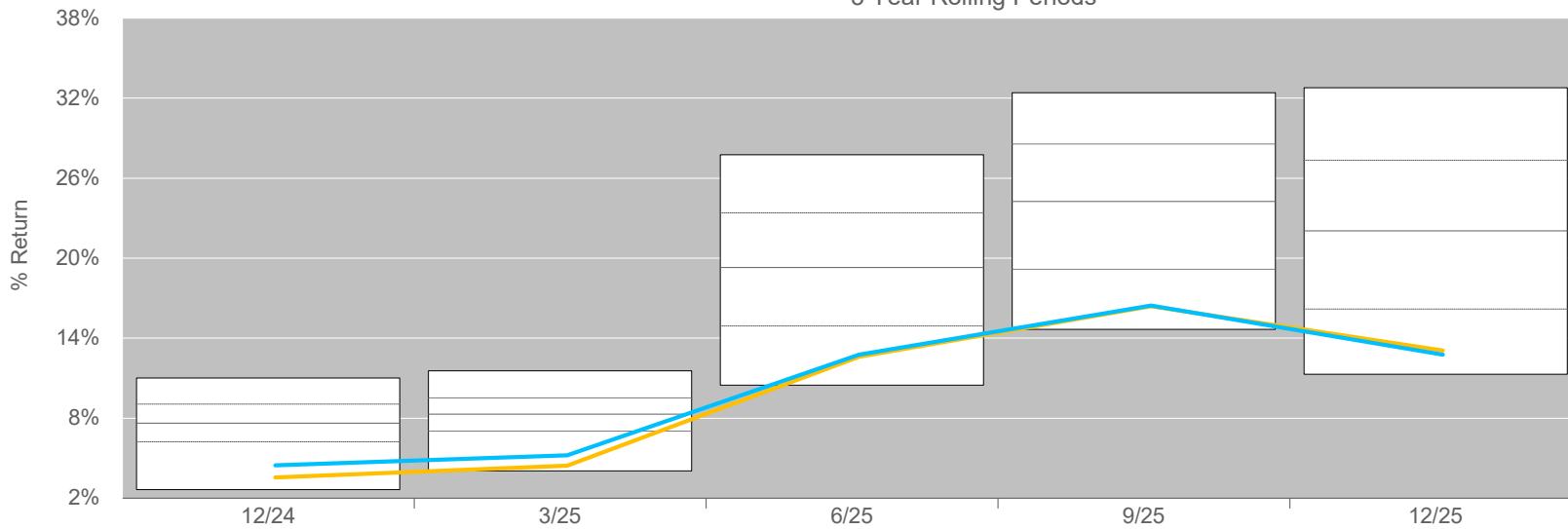
### Broad Large Cap Universe

For Report Periods Ending December 31, 2025



Report From December 31, 2021 to December 31, 2025

3 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## iShares Russell Midcap Index

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>iShares Russell Midcap Index</b>	<b>0.1 %</b>	<b>5.4 %</b>	<b>10.4 %</b>	<b>14.2 %</b>	<b>8.5 %</b>	<b>12.6 %</b>	<b>10.8 %</b>	<b>9.7 %</b>	<b>1/05</b>
Russell Midcap Index	0.2	5.5	10.6	14.4	8.7	12.8	11.0	9.8	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
<b>iShares Russell Midcap Index</b>	<b>1.00</b>	<b>-0.2 %</b>	<b>1.00</b>		<b>18.7 %</b>		<b>0.1 %</b>		<b>-3.4</b>
Russell Midcap Index	1.00	0.0	1.00		18.8		0.0		--
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
<b>iShares Russell Midcap Index</b>	<b>22.2</b>	<b>2.9</b>		<b>29,766.0 M</b>		<b>1.6 %</b>		<b>-- %</b>	
Russell Midcap Index	22.2	2.9		29,766.0		1.6		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## iShares Russell Midcap Index

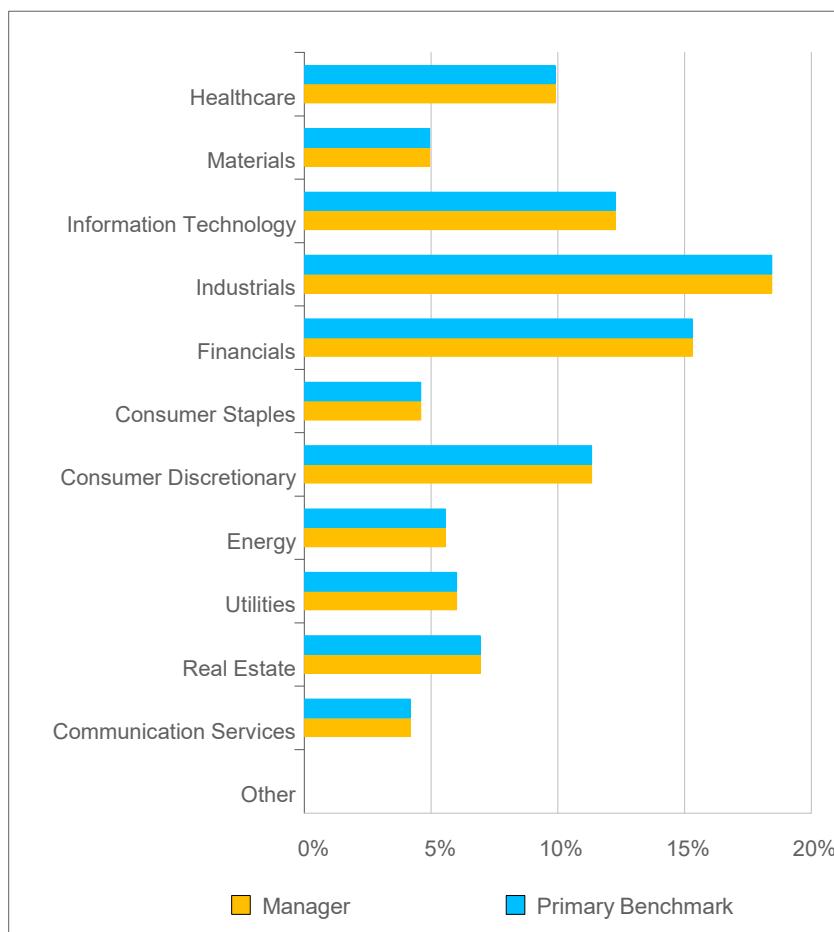
### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -0.2%	No
Beta < 1.20	Beta = 1.00	Yes
Alpha > 0.0%	Alpha = -0.2%	No
Peer Group Rank > 50th Percentile	Ranks in Top 50th Percentile	Yes

**City of Grosse Pointe Woods Employees Retirement System**  
**iShares Russell Midcap Index**  
**Equity Sector**  
Report For Periods Ending December 31, 2025

**Sector Allocation**



Sector	Sector Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Healthcare	10%	10%	6.4%	11.6%
Materials	5	5	3.5	4.4
Information Technology	12	12	2.5	22.2
Industrials	18	18	1.5	13.4
Financials	15	15	0.1	11.8
Consumer Staples	5	5	-1.3	-4.1
Consumer Discretionary	11	11	-1.8	5.6
Energy	6	6	-2.1	4.9
Utilities	6	6	-3.7	13.7
Real Estate	7	7	-4.8	-0.3
Communication Services	4	4	-4.8	15.7
Other	0	0	-	-

Top Five Holdings	Weighting
Robinhood Markets, Inc. Class A	0.7%
Howmet Aerospace Inc.	0.7
Bank of New York Mellon Corp	0.7
Royal Caribbean Group	0.6
Cummins Inc.	0.6

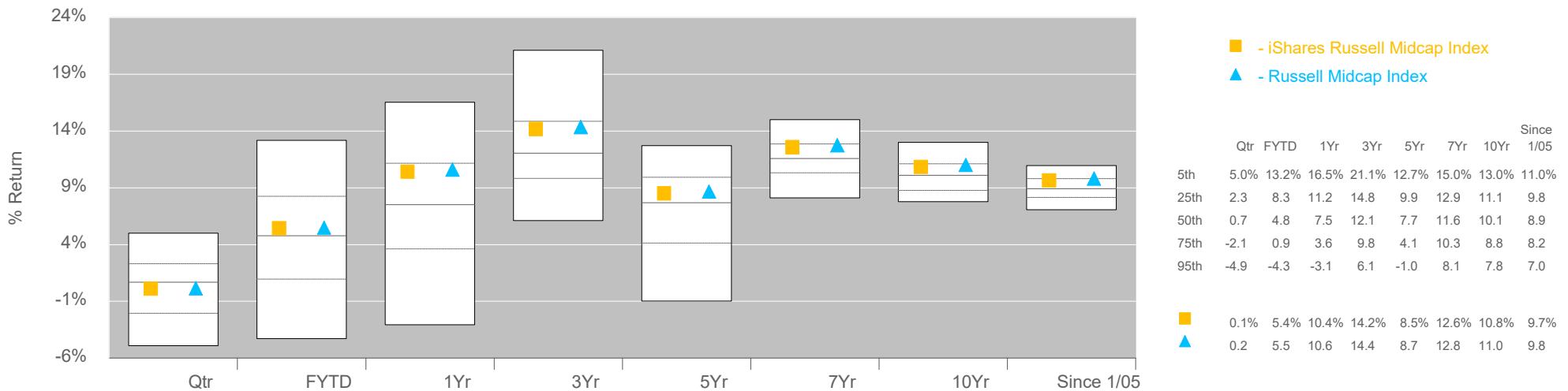
Number of Holdings: 811

\* Sector weightings may not add up to 100% due to rounding.

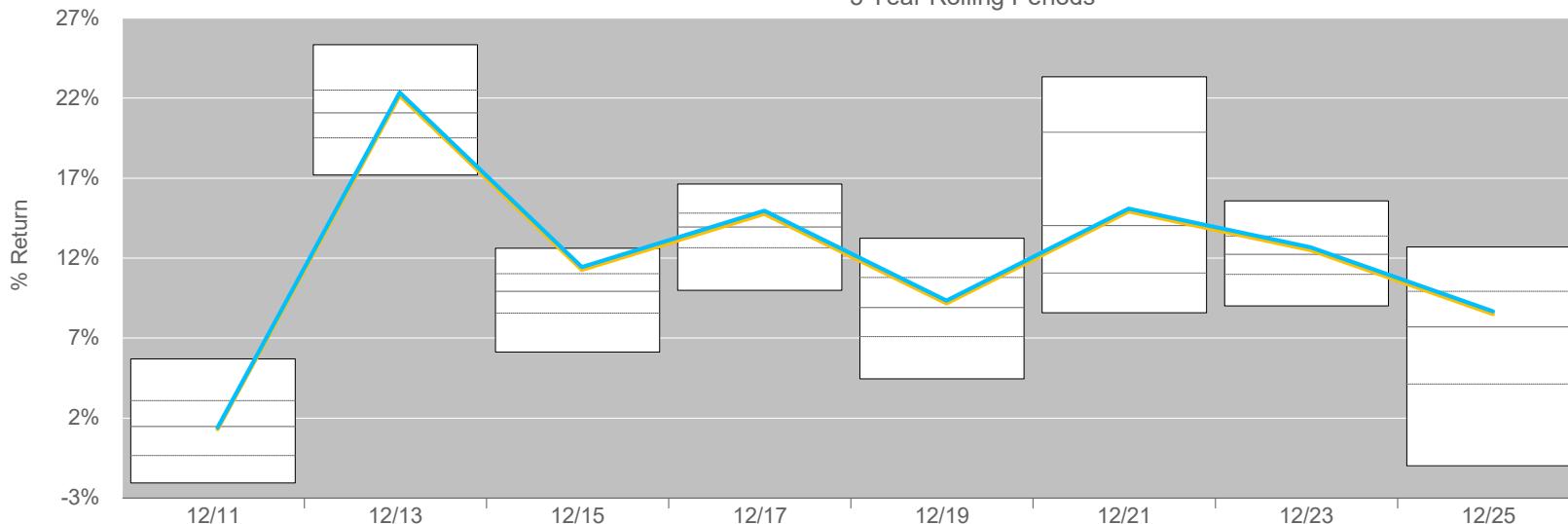
\* Manager data represents the most current available at the time of report publication.

\* Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

**City of Grosse Pointe Woods Employees Retirement System**  
**iShares Russell Midcap Index**  
**Broad Mid Cap Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Vanguard S&P Small Cap 600 Index

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Vanguard S&amp;P Small Cap 600 Index</b>	<b>1.7%</b>	<b>11.0%</b>	<b>6.0%</b>	<b>10.1%</b>	<b>7.2%</b>	<b>9.9%</b>	<b>9.8%</b>	<b>11.2%</b>	<b>9/10</b>
S&P SmallCap 600 Index	1.7	11.0	6.0	10.2	7.3	10.0	9.8	11.3	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
Vanguard S&P Small Cap 600 Index	1.00	-0.1%	1.00		21.6%		0.0%		-2.2
S&P SmallCap 600 Index	1.00	0.0	1.00		21.6		0.0		--
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
Vanguard S&P Small Cap 600 Index	17.5	1.8		3,841.0M		1.7%		-- %	
S&P SmallCap 600 Index	17.5	1.8		3,841.0		1.7		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Vanguard S&P Small Cap 600 Index

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -0.1%	No
Beta < 1.20	Beta = 1.00	Yes
Alpha > 0.0%	Alpha = -0.1%	No
Peer Group Rank > 50th Percentile	Ranks in Top 50th Percentile	Yes

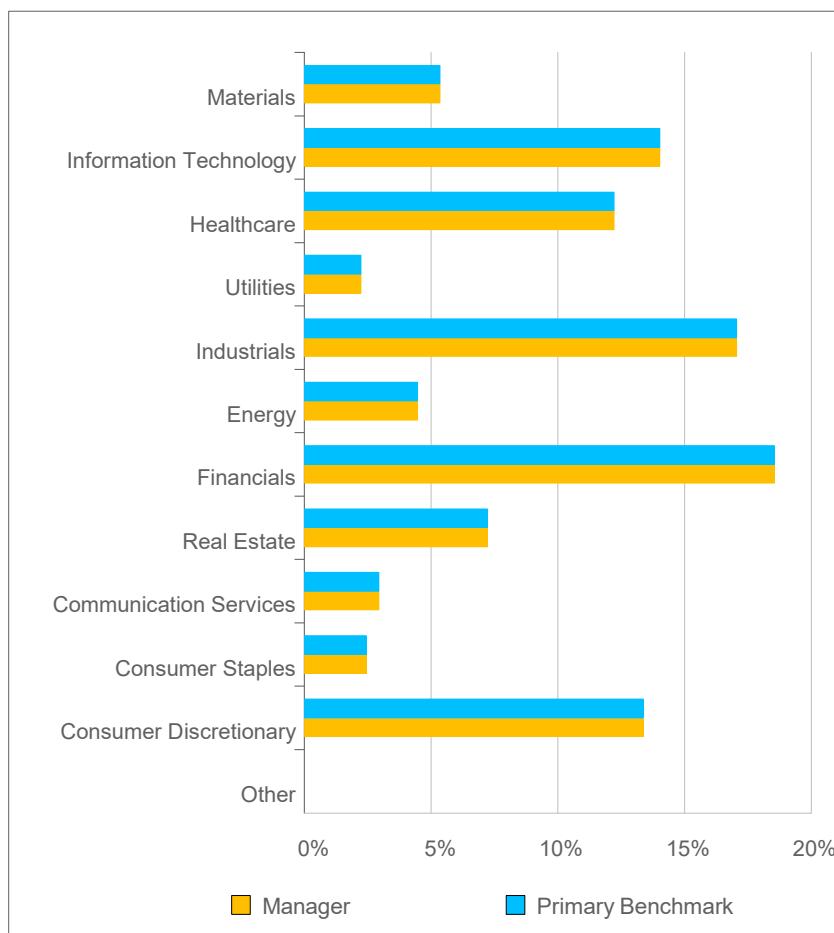
# City of Grosse Pointe Woods Employees Retirement System

## Vanguard S&P Small Cap 600 Index

### Equity Sector

Report For Periods Ending December 31, 2025

#### Sector Allocation



Sector	Sector Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Materials	5%	5%	7.4%	14.2%
Information Technology	14	14	6.7	19.8
Healthcare	12	12	6.1	-1.7
Utilities	2	2	2.4	7.2
Industrials	17	17	1.6	13.6
Energy	4	4	1.6	-8.8
Financials	19	19	1.5	6.8
Real Estate	7	7	0.1	0.3
Communication Services	3	3	-0.9	-8.8
Consumer Staples	2	2	-5.2	-19.2
Consumer Discretionary	13	13	-5.8	-2.7
Other	0	0	-	-

Top Five Holdings	Weighting
Arrowhead Pharmaceuticals, Inc.	0.6%
Armstrong World Industries, Inc.	0.6
InterDigital, Inc.	0.6
Sanmina Corporation	0.6
CareTrust REIT, Inc.	0.6

Number of Holdings: 603

\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

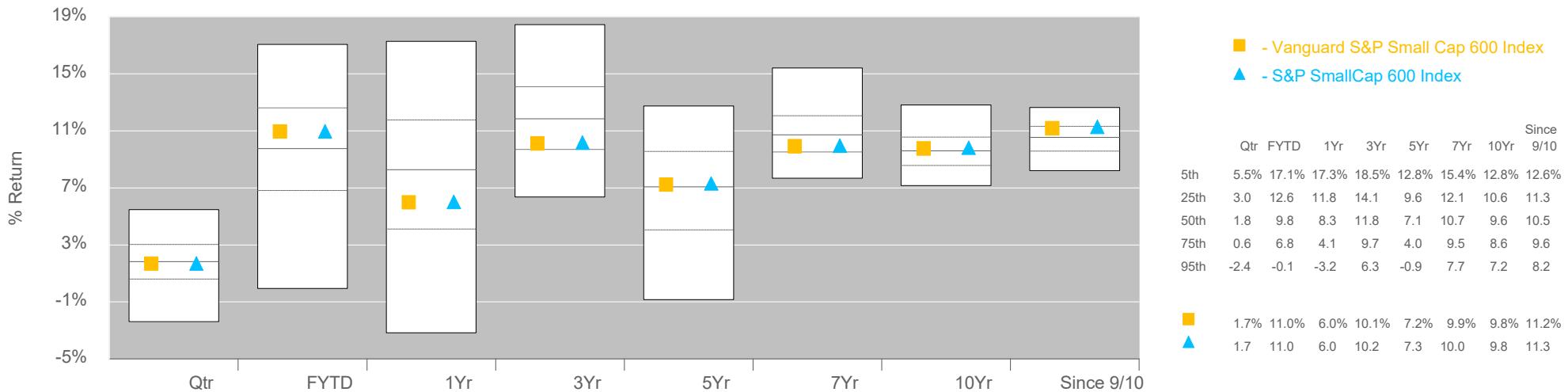
\* Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

# City of Grosse Pointe Woods Employees Retirement System

## Vanguard S&P Small Cap 600 Index

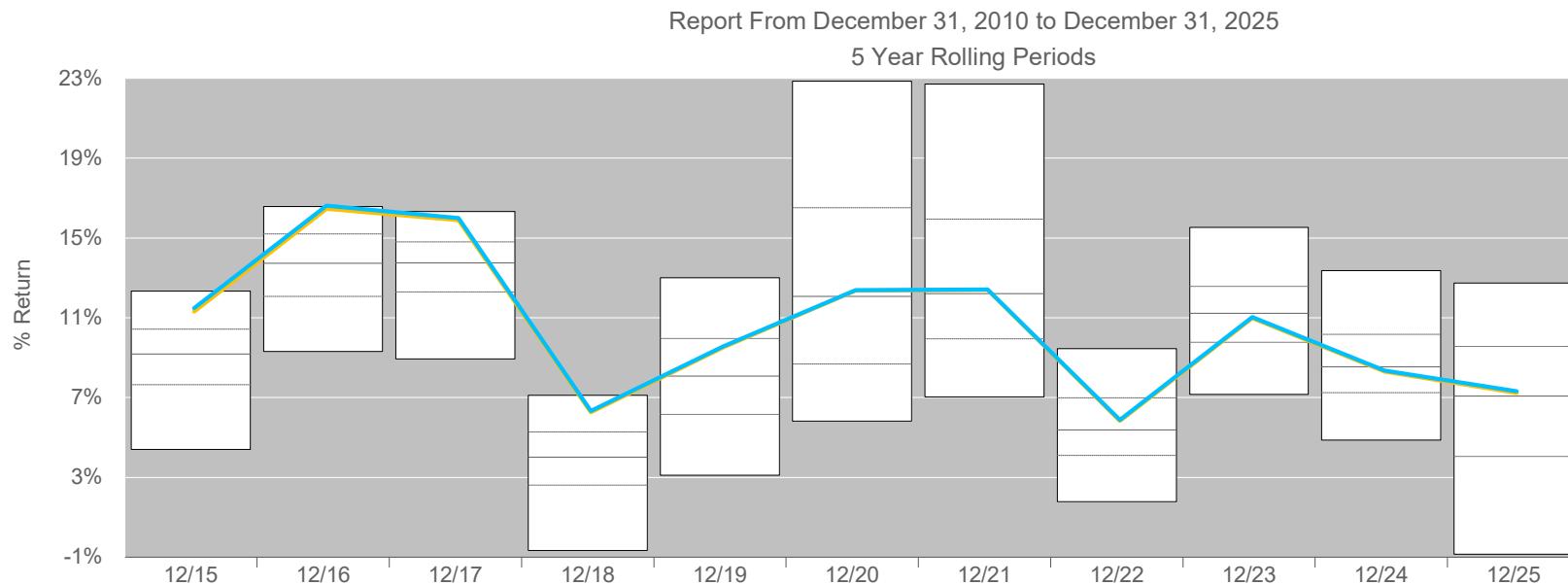
### Broad Small Cap Universe

For Report Periods Ending December 31, 2025



■ - Vanguard S&P Small Cap 600 Index  
▲ - S&P SmallCap 600 Index

	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 9/10
5th	5.5%	17.1%	17.3%	18.5%	12.8%	15.4%	12.8%	12.6%
25th	3.0	12.6	11.8	14.1	9.6	12.1	10.6	11.3
50th	1.8	9.8	8.3	11.8	7.1	10.7	9.6	10.5
75th	0.6	6.8	4.1	9.7	4.0	9.5	8.6	9.6
95th	-2.4	-0.1	-3.2	6.3	-0.9	7.7	7.2	8.2
		1.7%	11.0%	6.0%	10.1%	7.2%	9.9%	9.8%
		1.7	11.0	6.0	10.2	7.3	10.0	9.8
								11.2%



# City of Grosse Pointe Woods Employees Retirement System

## EUPAC Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>EUPAC Fund</b>	<b>4.6%</b>	<b>11.1%</b>	<b>29.0%</b>	<b>16.2%</b>	<b>4.5%</b>	<b>10.3%</b>	<b>8.3%</b>	<b>6.5%</b>	<b>8/08</b>
MSCI AC World Index ex-U.S.	5.1	12.3	32.4	17.3	7.9	10.1	8.4	5.3	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
<b>EUPAC Fund</b>	<b>1.07</b>	<b>-3.8%</b>	<b>0.92</b>		<b>16.2%</b>		<b>4.5%</b>		<b>-0.8</b>
MSCI AC World Index ex-U.S.	1.00	0.0	1.00		14.9		0.0		--
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
<b>EUPAC Fund</b>	<b>17.8</b>	<b>2.7</b>		<b>174,507.0 M</b>		<b>2.0%</b>		<b>35.0%</b>	
MSCI AC World Index ex-U.S.	17.3	2.3		154,170.0		2.6		--	

\* Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## EUPAC Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -3.4%	No
Beta < 1.20	Beta = 1.07	Yes
Alpha > 0.0%	Alpha = -3.8%	No
Peer Group Rank > 50th Percentile	Ranks in Bottom 25th Percentile	No

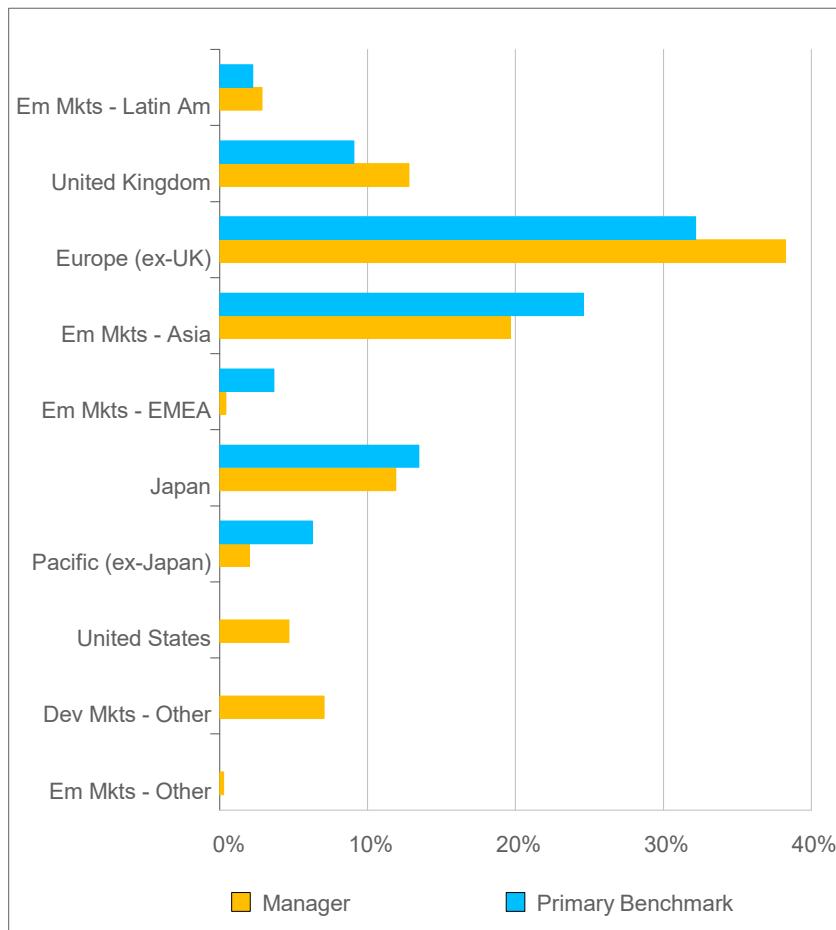
# City of Grosse Pointe Woods Employees Retirement System

## EUPAC Fund

### International Sector

Report For Periods Ending December 31, 2025

#### Region Allocation



Region	Region Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Em Mkts - Latin Am	3%	2%	8.4%	55.7%
United Kingdom	13	9	7.0	35.1
Europe (ex-UK)	38	32	6.1	36.6
Em Mkts - Asia	20	25	4.6	33.0
Em Mkts - EMEA	0	4	4.0	32.3
Japan	12	13	3.3	25.1
Pacific (ex-Japan)	2	6	0.0	20.6
United States	5	0	-	-1.6
Dev Mkts - Other	7	0	-	-
Em Mkts - Other	0	0	-	-

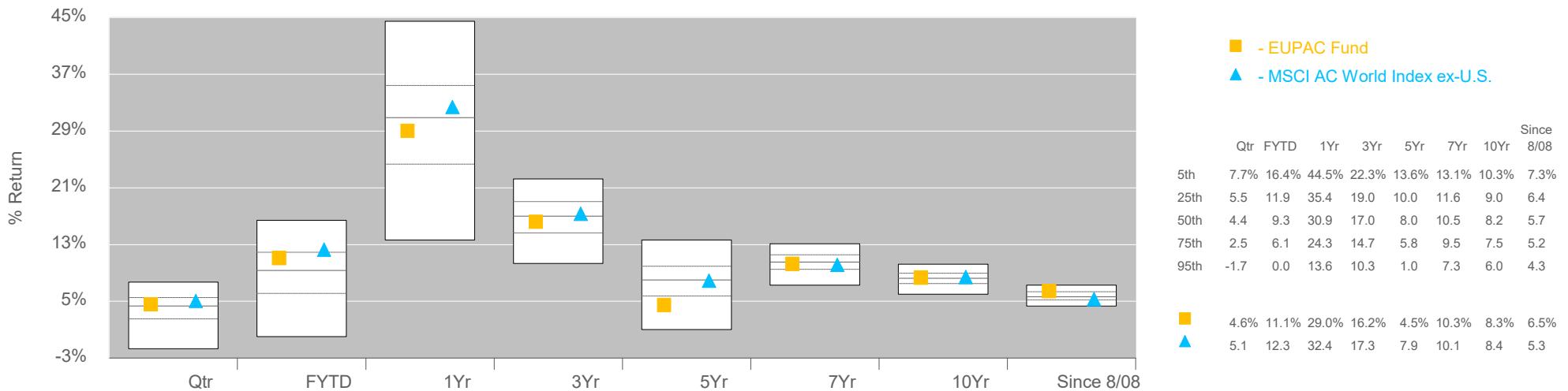
Top Five Countries	Weighting
United Kingdom	12.8%
Japan	11.9
France	11.7
Germany	8.3
Canada	7.1

Number of Holdings: 341

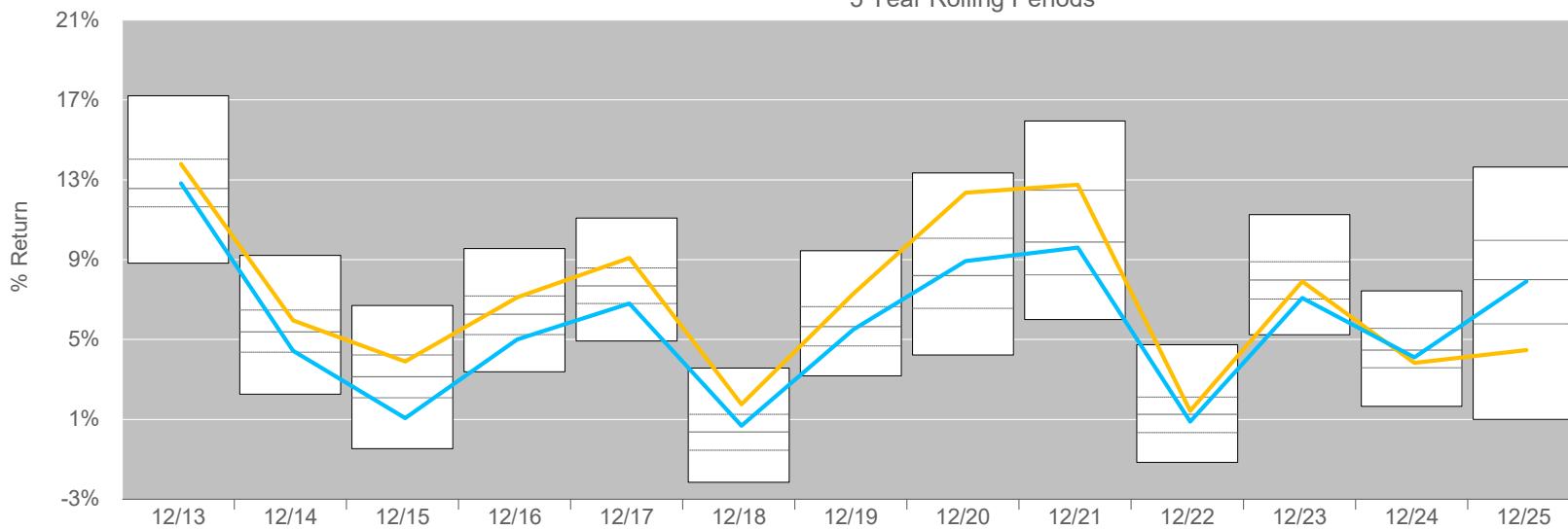
\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**EUPAC Fund**  
**International Equity Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2008 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Dodge & Cox International Stock Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Dodge &amp; Cox International Stock Fund</b>	<b>5.2%</b>	<b>13.3%</b>	<b>38.7%</b>	<b>18.9%</b>	<b>11.7%</b>	<b>11.8%</b>	<b>9.1%</b>	<b>7.0%</b>	<b>1/05</b>
MSCI AC World Index ex-U.S.	5.1	12.3	32.4	17.3	7.9	10.1	8.4	6.2	
MSCI EAFE Index	4.9	9.9	31.2	17.2	8.9	10.5	8.2	6.1	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
<b>Dodge &amp; Cox International Stock Fund</b>	<b>1.01</b>	<b>3.8%</b>	<b>0.84</b>		<b>16.9%</b>		<b>6.0%</b>		<b>0.6</b>
MSCI AC World Index ex-U.S.	1.00	0.0	1.00		14.9		0.0		--
MSCI EAFE Index	1.02	0.9	0.95		15.7		6.5		0.4
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
<b>Dodge &amp; Cox International Stock Fund</b>	<b>15.8</b>	<b>1.8</b>		<b>130,348.9 M</b>		<b>2.8%</b>		<b>6.0%</b>	
MSCI AC World Index ex-U.S.	17.3	2.3		154,170.0		2.6		--	
MSCI EAFE Index	17.7	2.2		105,622.0		2.7		--	

\* Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Dodge & Cox International Stock Fund

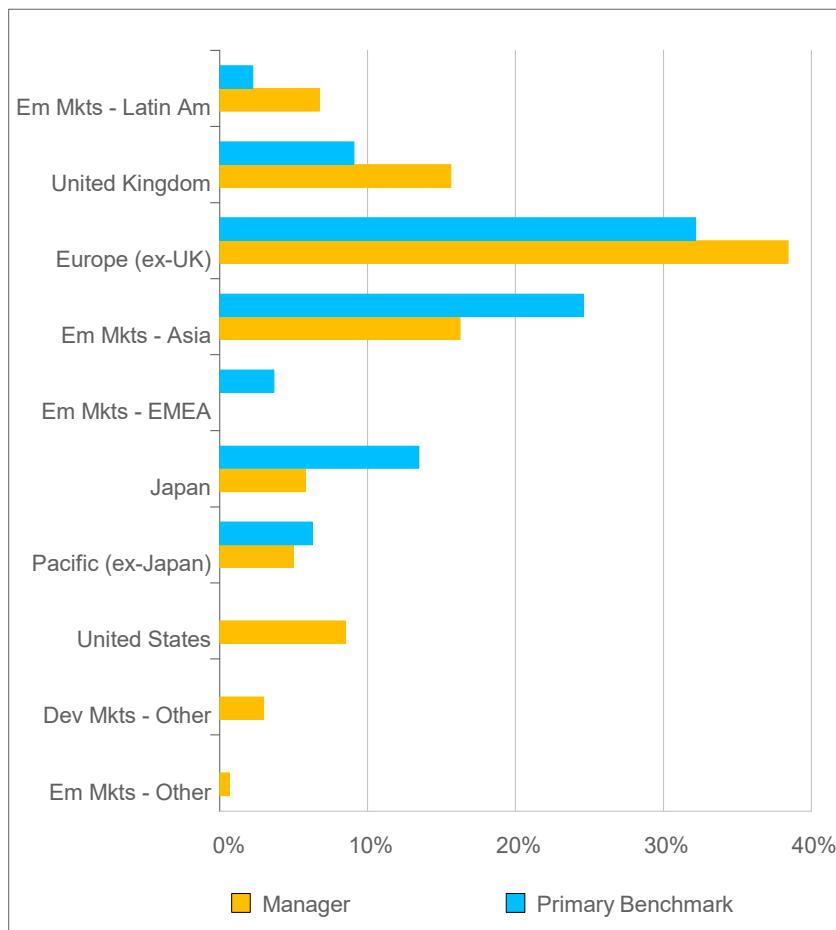
### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 3.8%	Yes
Beta < 1.20	Beta = 1.01	Yes
Alpha > 0.0%	Alpha = 3.8%	Yes
Peer Group Rank > 50th Percentile	Ranks in Bottom 50th Percentile	No

**City of Grosse Pointe Woods Employees Retirement System**  
**Dodge & Cox International Stock Fund**  
**International Sector**  
Report For Periods Ending December 31, 2025

**Region Allocation**



Region	Region Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Em Mkts - Latin Am	7%	2%	8.4%	55.7%
United Kingdom	16	9	7.0	35.1
Europe (ex-UK)	38	32	6.1	36.6
Em Mkts - Asia	16	25	4.6	33.0
Em Mkts - EMEA	0	4	4.0	32.3
Japan	6	13	3.3	25.1
Pacific (ex-Japan)	5	6	0.0	20.6
United States	9	0	-	-1.6
Dev Mkts - Other	3	0	-	-
Em Mkts - Other	1	0	-	-

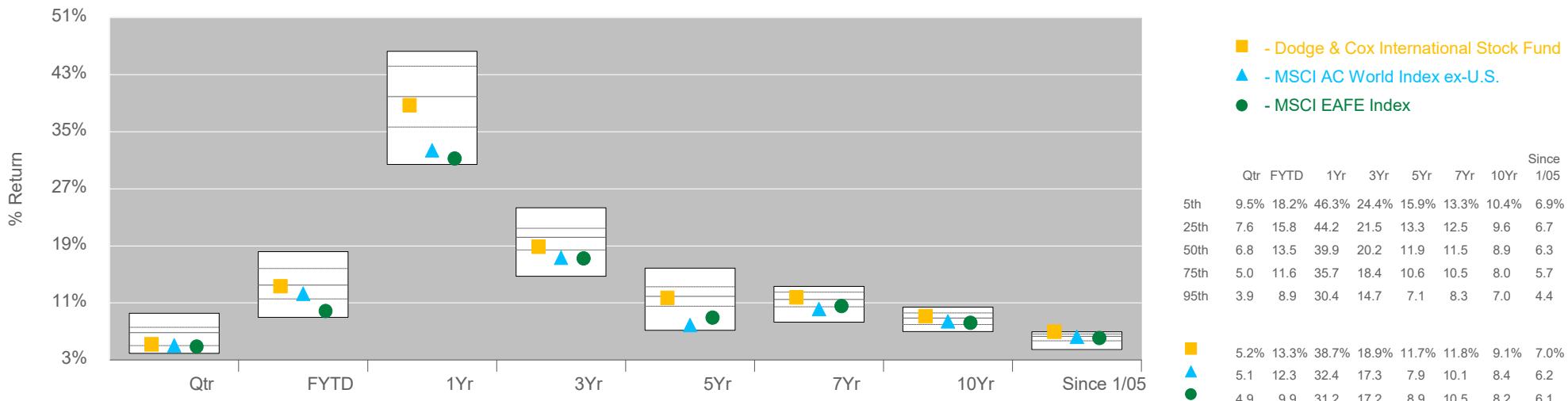
Top Five Countries	Weighting
United Kingdom	15.2%
Switzerland	10.3
France	10.0
United States	8.3
Germany	7.8

Number of Holdings: 89

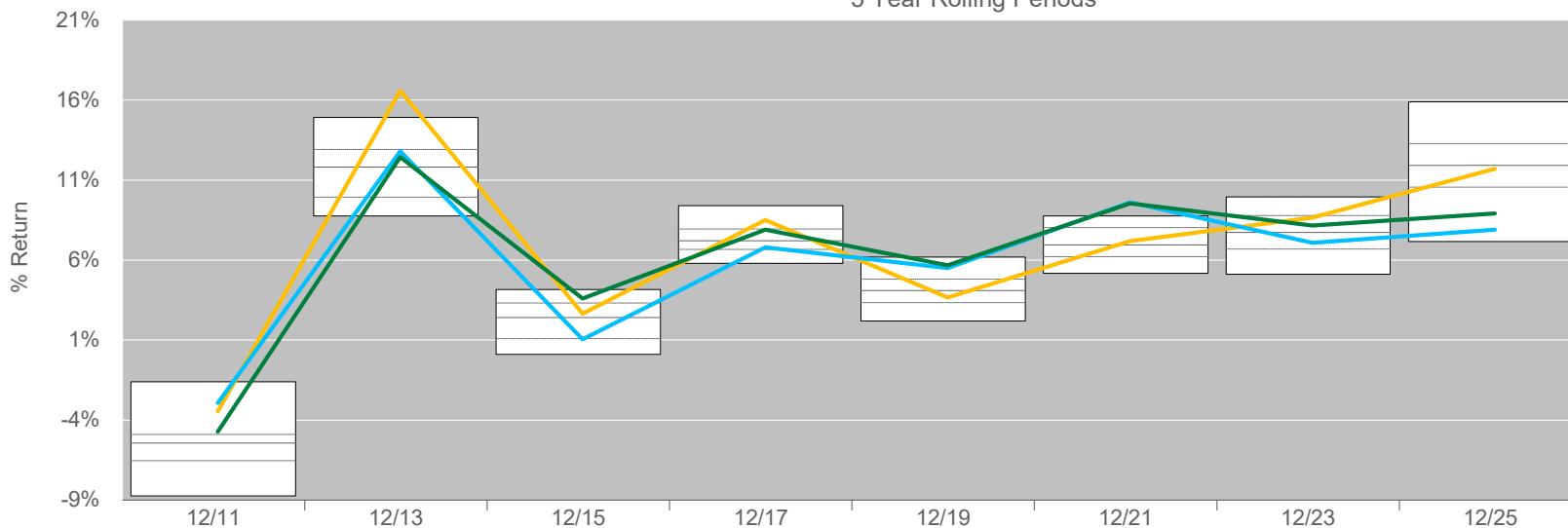
\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

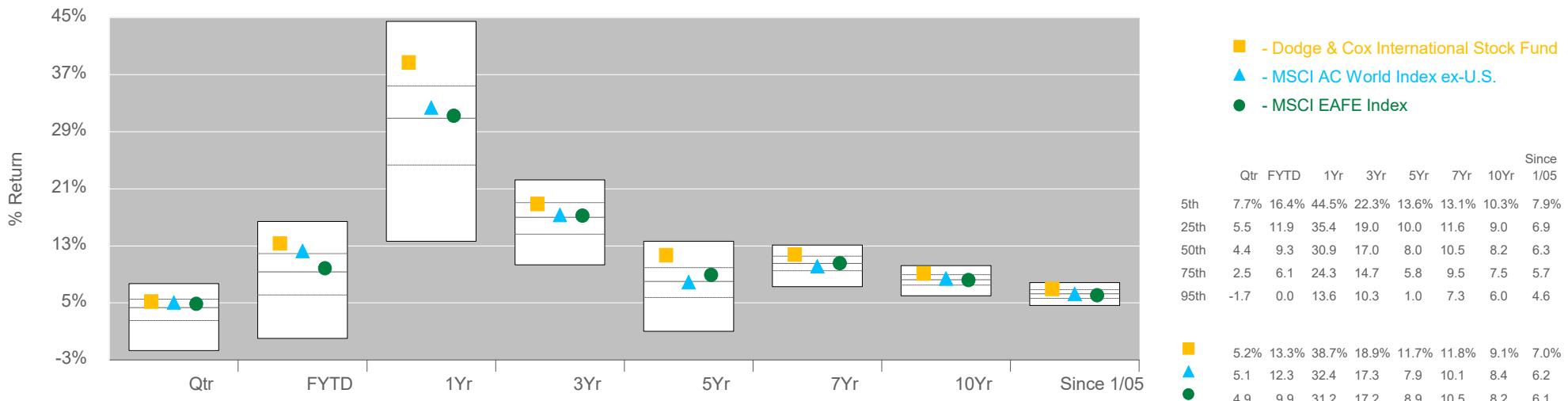
**City of Grosse Pointe Woods Employees Retirement System**  
**Dodge & Cox International Stock Fund**  
**International Value Universe**  
For Report Periods Ending December 31, 2025



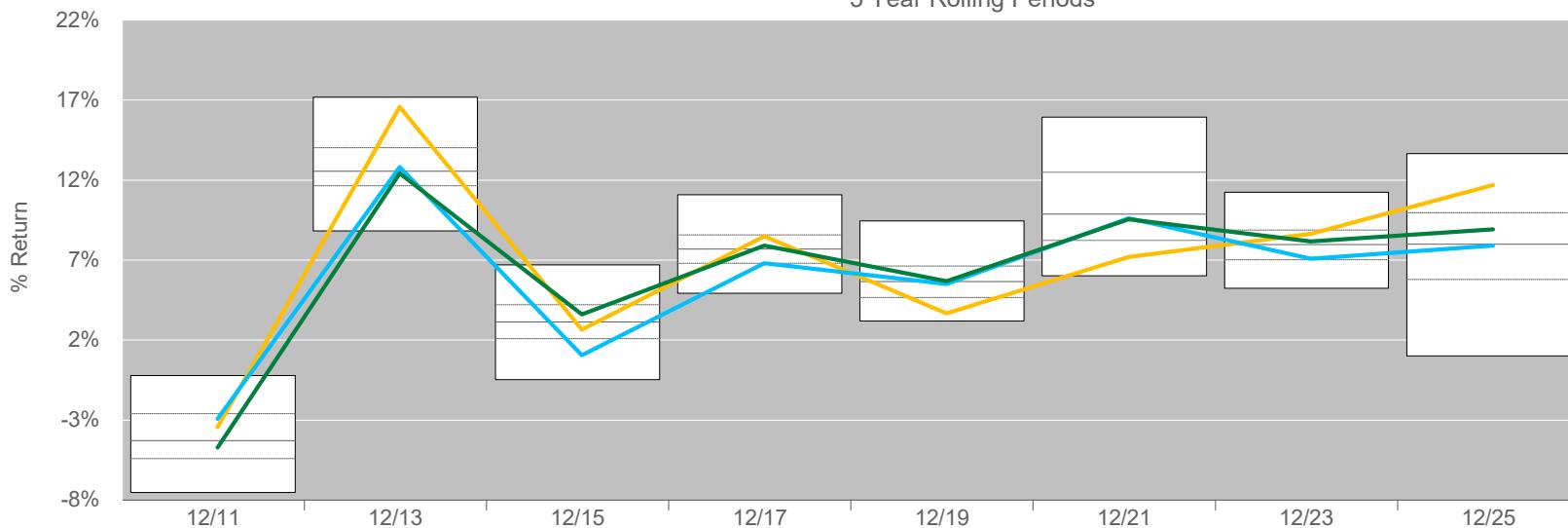
Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



**City of Grosse Pointe Woods Employees Retirement System**  
**Dodge & Cox International Stock Fund**  
**International Equity Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Brown International Small Company

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Brown International Small Company</b>	<b>-10.5%</b>	<b>-13.9%</b>	<b>-2.0%</b>	<b>8.5%</b>	<b>-0.2%</b>	<b>8.9%</b>	<b>9.5%</b>	<b>10.0%</b>	<b>9/15</b>
MSCI Small Cap EAFE Index	2.7	9.1	31.8	15.0	5.6	9.1	7.5	8.0	
MSCI ACWI ex-U.S. Small Cap Index	3.0	9.8	29.3	15.6	6.9	10.0	8.1	8.5	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
<b>Brown International Small Company</b>	<b>1.07</b>	<b>-6.0%</b>	<b>0.75</b>		<b>19.9%</b>		<b>9.8%</b>		<b>-0.6</b>
MSCI Small Cap EAFE Index	1.00	0.0	1.00		16.9		0.0		--
MSCI ACWI ex-U.S. Small Cap Index	0.91	1.5	0.97		15.7		10.4		-0.7
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
<b>Brown International Small Company</b>	<b>63.3</b>	<b>11.2</b>		<b>7,321.7 M</b>		<b>1.4%</b>		<b>14.3 %</b>	
MSCI Small Cap EAFE Index	16.2	1.5		3,987.0		2.8		--	
MSCI ACWI ex-U.S. Small Cap Index	16.0	1.6		3,639.0		2.6		--	
<b>Asset Growth Summary (in thousands)</b>									
Beginning Market Value				\$ 0					
Net Contributions/(Distributions)				\$ 0					
<b>Market Appreciation/(Depreciation)</b>				<b>\$ 0</b>					
<b>Ending Market Value</b>				<b>\$ 0</b>					

\* Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Brown International Small Company

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -5.8%	No
Beta < 1.20	Beta = 1.07	Yes
Alpha > 0.0%	Alpha = -6.0%	No
Peer Group Rank > 50th Percentile	Ranks in Bottom 25th Percentile	No

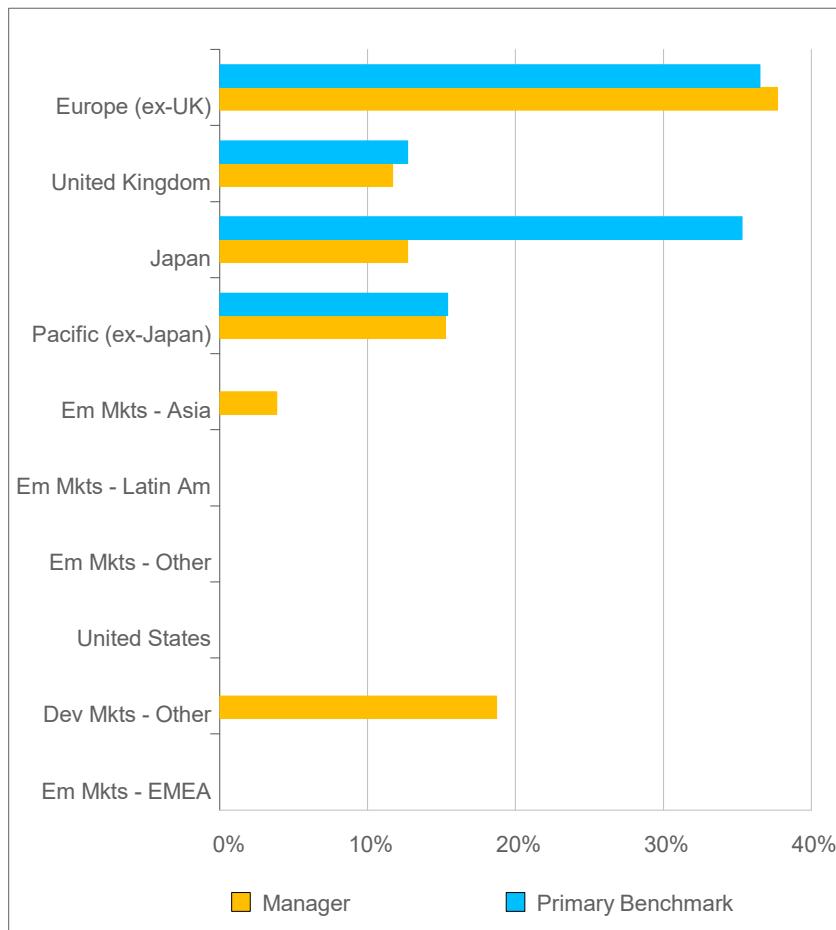
# City of Grosse Pointe Woods Employees Retirement System

## Brown International Small Company

### International Sector

Report For Periods Ending December 31, 2025

#### Region Allocation



Region	Region Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Europe (ex-UK)	38%	37%	5.3%	40.2%
United Kingdom	12	13	3.3	24.8
Japan	13	35	1.1	29.3
Pacific (ex-Japan)	15	15	0.2	29.7
Em Mkts - Asia	4	0	-17.6	-0.6
Em Mkts - Latin Am	0	0	-	-
Em Mkts - Other	0	0	-	-
United States	0	0	-	30.7
Dev Mkts - Other	19	0	-	-
Em Mkts - EMEA	0	0	-	-

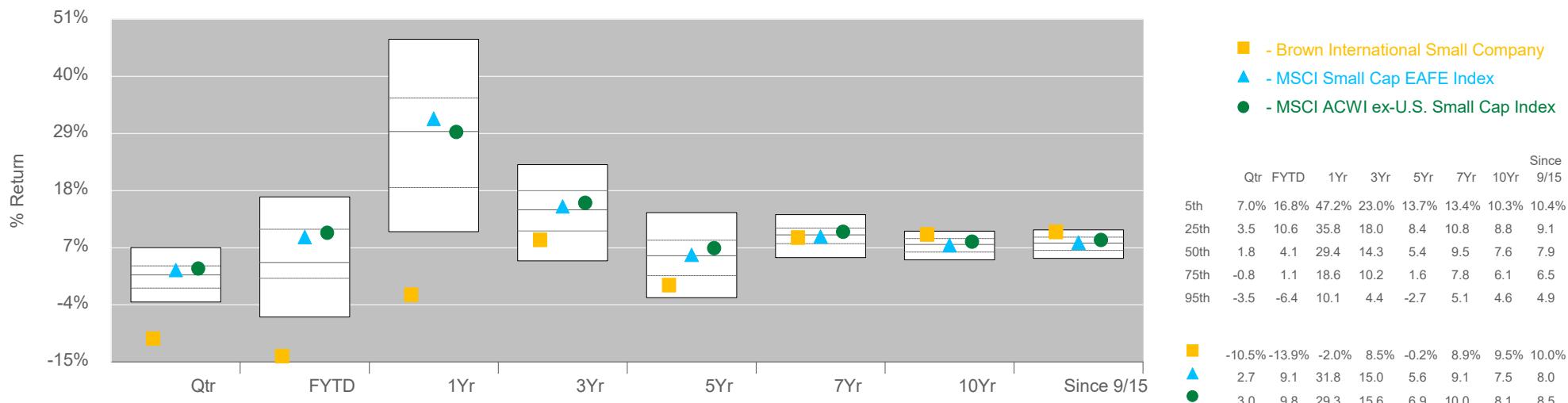
Top Five Countries	Weighting
France	13.1%
Australia	12.9
Japan	12.5
United Kingdom	12.4
Israel	10.0

Number of Holdings: 38

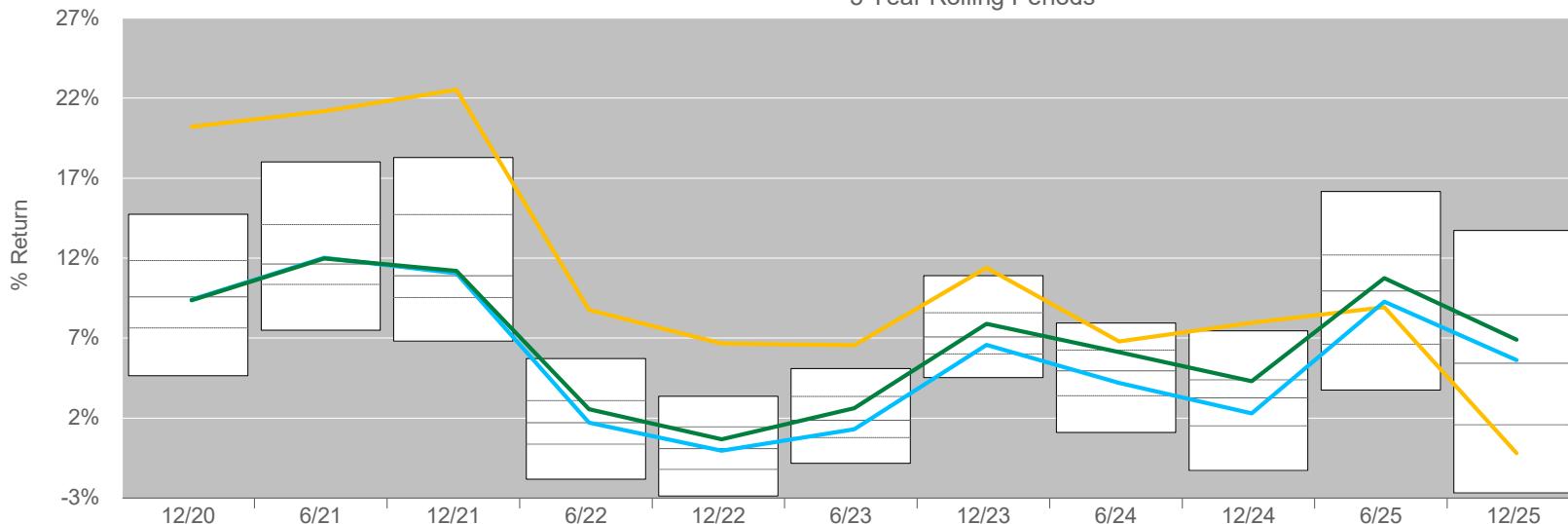
\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**Brown International Small Company**  
**International Small Cap Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2015 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Redwheel Global Emerging Equity Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Redwheel Global Emerging Equity Fund</b>	<b>2.7%</b>	<b>20.8%</b>	<b>41.4%</b>	<b>13.8%</b>	<b>1.3%</b>	<b>8.9%</b>	<b>8.8%</b>	<b>7.8%</b>	<b>7/12</b>
MSCI Emerging Markets Index	4.7	15.9	33.6	16.4	4.2	8.1	8.4	5.4	
<hr/>									
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>	Standard Deviation	Tracking Error	Information Ratio			
<b>Redwheel Global Emerging Equity Fund</b>	<b>1.17</b>	<b>-3.0%</b>	<b>0.88</b>	<b>20.0%</b>	<b>7.3%</b>	<b>-0.4</b>			
MSCI Emerging Markets Index	1.00	0.0	1.00	16.2	0.0	--			
<hr/>									
Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover				
<b>Redwheel Global Emerging Equity Fund</b>	<b>14.9</b>	<b>1.8</b>	<b>151,905.0 M</b>	<b>2.7%</b>	<b>99.4%</b>				
MSCI Emerging Markets Index	15.9	2.4	270,129.0	2.2	--				

\* Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Redwheel Global Emerging Equity Fund

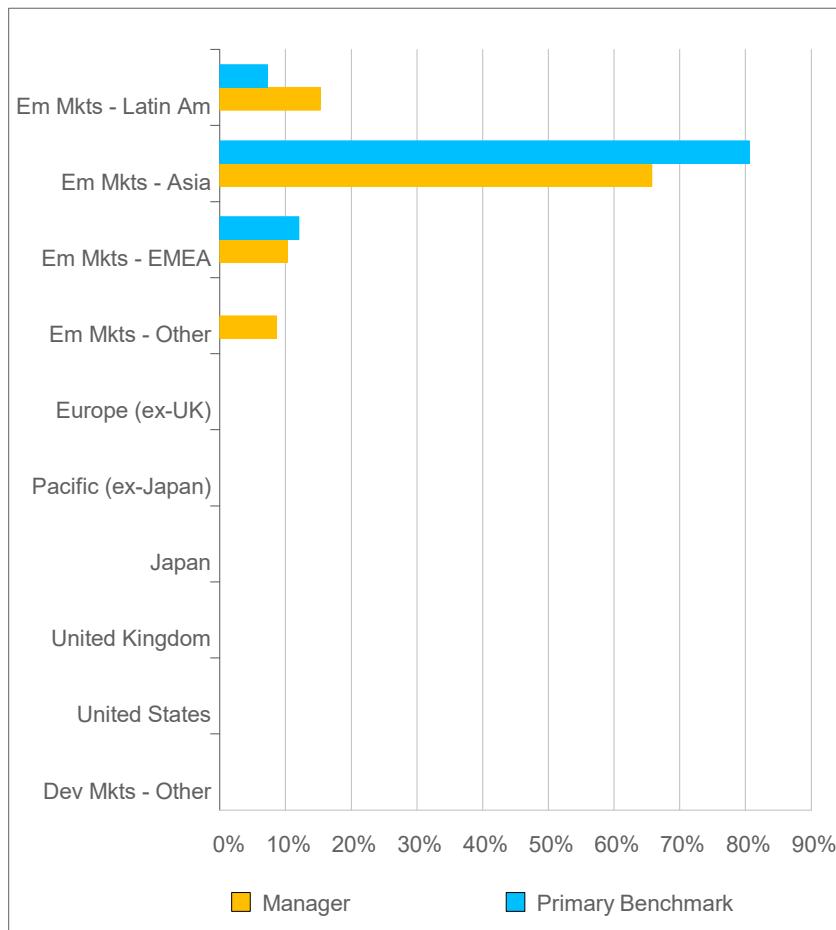
### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -2.9%	No
Beta < 1.20	Beta = 1.17	Yes
Alpha > 0.0%	Alpha = -3.0%	No
Peer Group Rank > 50th Percentile	Ranks in Bottom 25th Percentile	No

**City of Grosse Pointe Woods Employees Retirement System**  
**Redwheel Global Emerging Equity Fund**  
**Emerging Markets Sector**  
Report For Periods Ending December 31, 2025

**Region Allocation**



Region	Region Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Em Mkts - Latin Am	15%	7%	8.4%	55.7%
Em Mkts - Asia	66	81	4.6	33.0
Em Mkts - EMEA	10	12	4.0	32.3
Em Mkts - Other	9	0	-	-
Europe (ex-UK)	0	0	-	-
Pacific (ex-Japan)	0	0	-	2.2
Japan	0	0	-	-
United Kingdom	0	0	-	-
United States	0	0	-	-2.5
Dev Mkts - Other	0	0	-	-

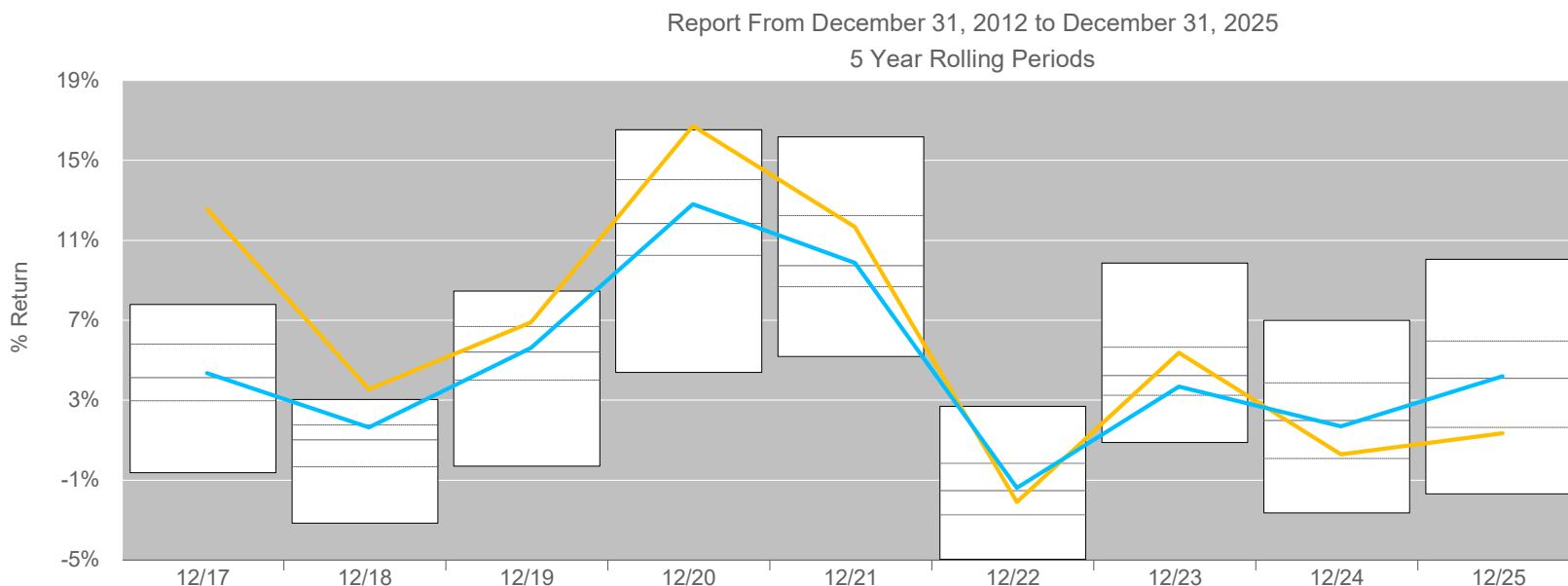
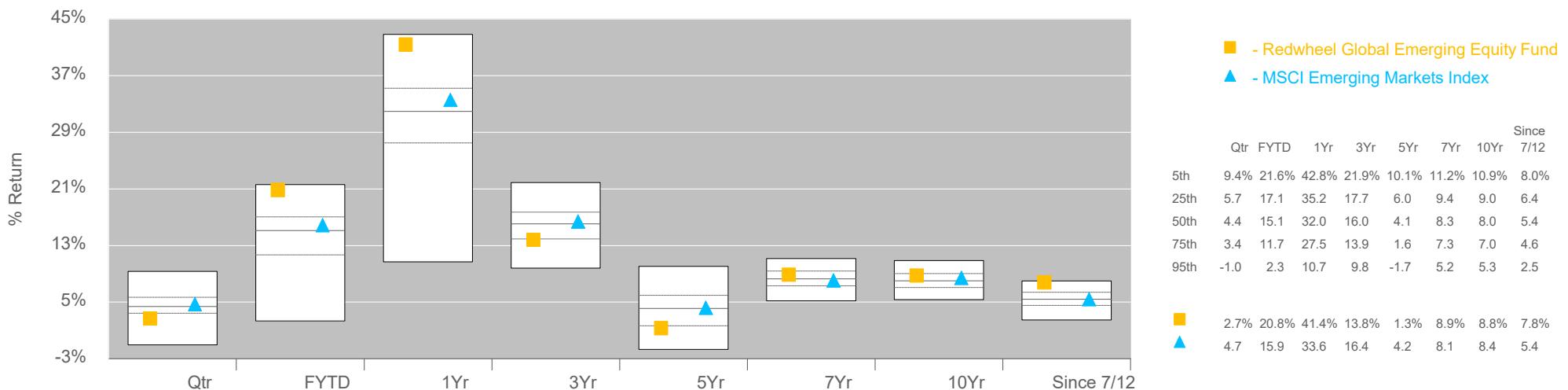
Top Five Countries	Weighting
China	35.9%
Korea, South	11.9
India	9.0
South Africa	8.6
Brazil	7.5

Number of Holdings: 65

\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**Redwheel Global Emerging Equity Fund**  
**Emerging Markets Universe**  
For Report Periods Ending December 31, 2025



# City of Grosse Pointe Woods Employees Retirement System

## DFA Emerging Markets Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>DFA Emerging Markets Fund</b>	<b>5.3 %</b>	<b>15.8 %</b>	<b>33.6 %</b>	<b>17.3 %</b>	<b>6.6 %</b>	<b>8.9 %</b>	<b>9.2 %</b>	<b>7.5 %</b>	<b>1/05</b>
MSCI Emerging Markets Index	4.7	15.9	33.6	16.4	4.2	8.1	8.4	7.2	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>	<b>Tracking Error</b>		<b>Information Ratio</b>	
<b>DFA Emerging Markets Fund</b>	<b>0.94</b>	<b>2.5 %</b>	<b>0.97</b>		<b>15.8 %</b>	<b>3.0 %</b>		<b>0.8</b>	
MSCI Emerging Markets Index	1.00	0.0	1.00		16.2	0.0		--	
<b>Portfolio Statistics</b>	<b>Trailing P/E</b>	<b>Trailing P/B</b>		<b>Wtd Avg Mkt Cap</b>	<b>Current Yield</b>	<b>Equity Annual Turnover</b>			
<b>DFA Emerging Markets Fund</b>	<b>15.5</b>	<b>2.0</b>		<b>194,110.5M</b>	<b>2.3 %</b>	<b>15.0 %</b>			
MSCI Emerging Markets Index	15.9	2.4		270,129.0	2.2	--			

\* Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## DFA Emerging Markets Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 2.4%	Yes
Beta < 1.20	Beta = 0.94	Yes
Alpha > 0.0%	Alpha = 2.5%	Yes
Peer Group Rank > 50th Percentile	Ranks in Top 25th Percentile	Yes

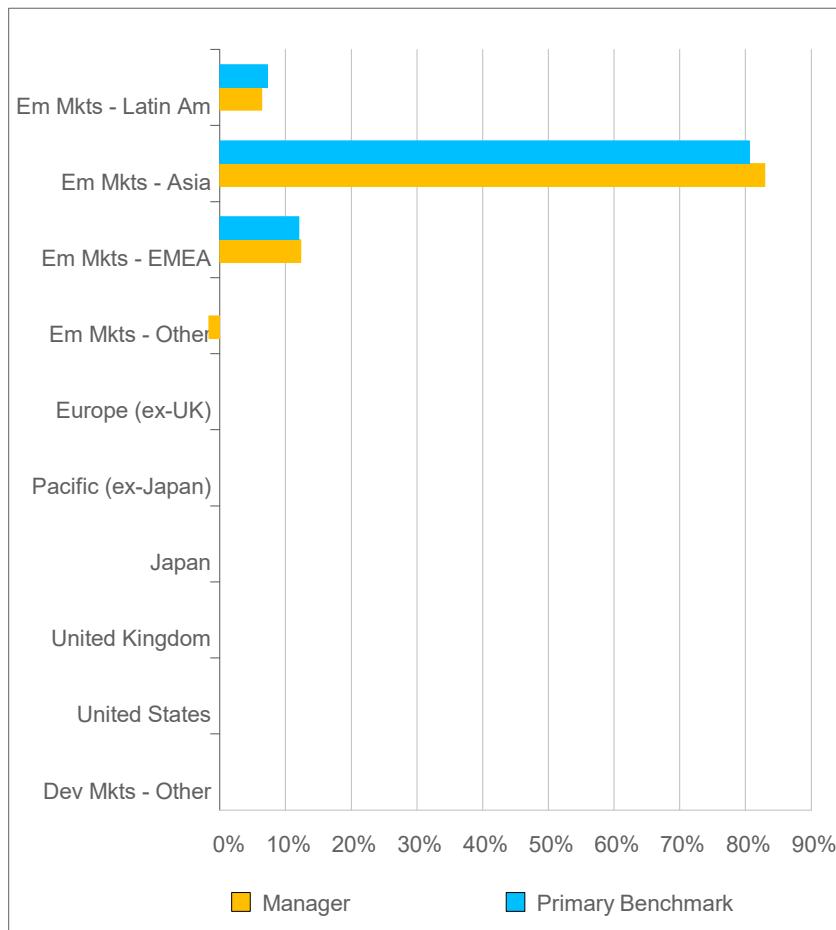
# City of Grosse Pointe Woods Employees Retirement System

## DFA Emerging Markets Fund

### Emerging Markets Sector

Report For Periods Ending December 31, 2025

#### Region Allocation



Region	Region Weightings		Market Total Returns	
	Manager	Primary Benchmark	3 Months	12 Months
Em Mkts - Latin Am	6%	7%	8.4%	55.7%
Em Mkts - Asia	83	81	4.6	33.0
Em Mkts - EMEA	12	12	4.0	32.3
Em Mkts - Other	-2	0	-	-
Europe (ex-UK)	0	0	-	-
Pacific (ex-Japan)	0	0	-	2.2
Japan	0	0	-	-
United Kingdom	0	0	-	-
United States	0	0	-	-2.5
Dev Mkts - Other	0	0	-	-

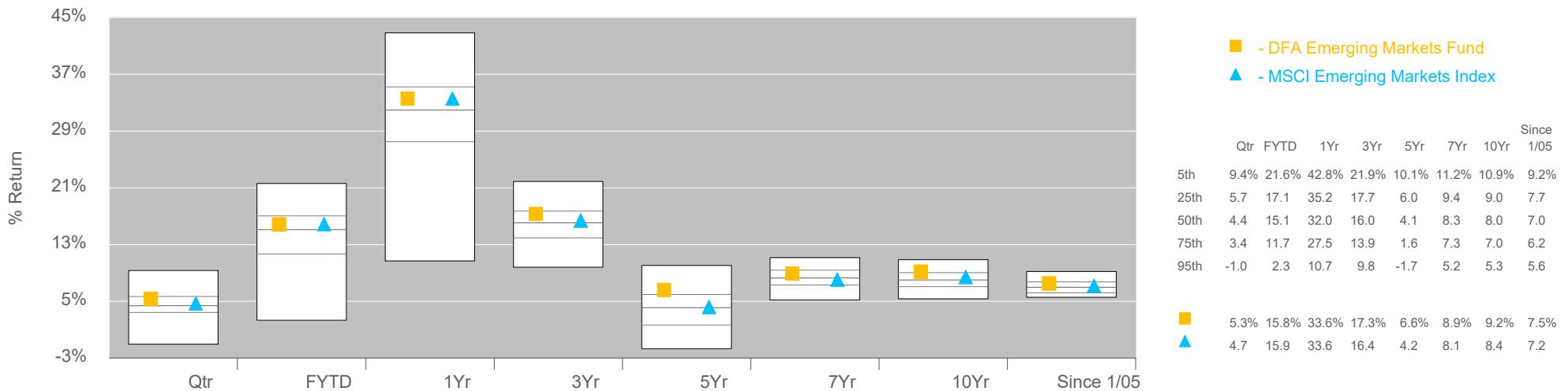
Top Five Countries	Weighting
China	28.0%
Taiwan	20.4
India	16.6
Korea, South	12.2
Brazil	3.6

Number of Holdings: 2124

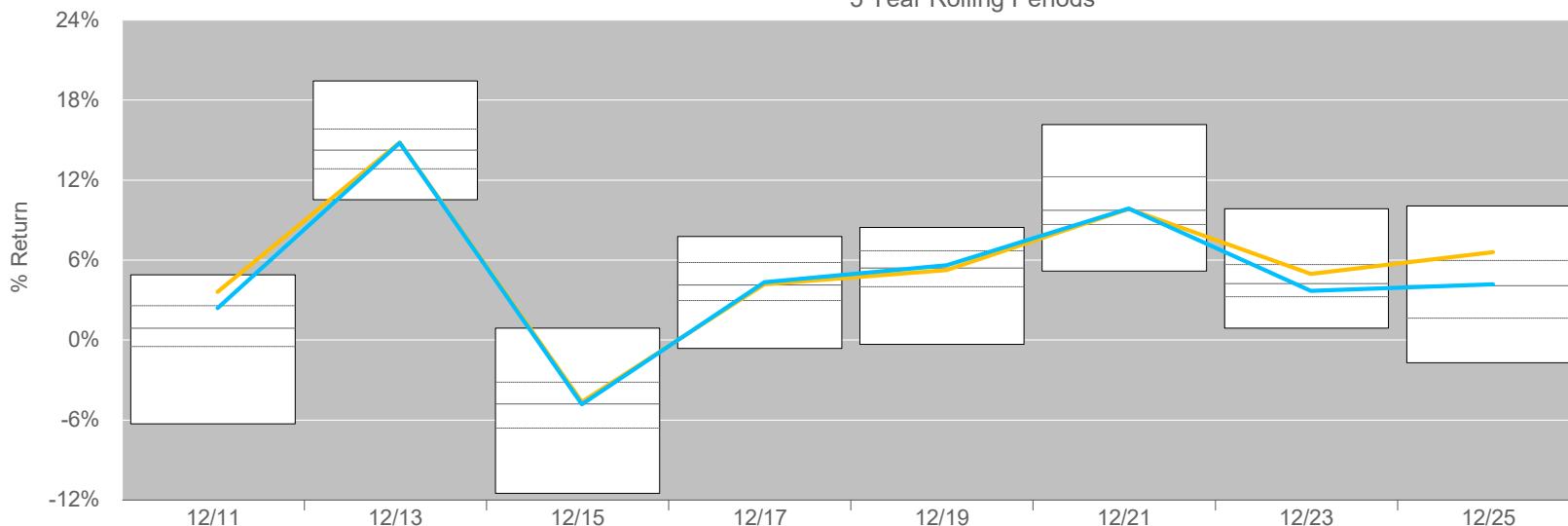
\* Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**DFA Emerging Markets Fund**  
**Emerging Markets Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Dodge & Cox Income Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Dodge &amp; Cox Income Fund</b>	<b>1.3%</b>	<b>3.8%</b>	<b>8.3%</b>	<b>6.1%</b>	<b>1.0%</b>	<b>3.4%</b>	<b>3.4%</b>	<b>4.1%</b>	<b>1/05</b>
Bloomberg IG Credit Index	0.9	3.5	7.9	5.7	-0.3	2.9	2.8	3.8	
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	3.2	
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>		Standard Deviation		Tracking Error		Information Ratio
<b>Dodge &amp; Cox Income Fund</b>	<b>0.83</b>	<b>0.8%</b>	<b>0.97</b>		<b>6.5%</b>		<b>1.8%</b>		<b>0.8</b>
Bloomberg IG Credit Index	1.00	0.0	1.00		7.6		0.0		--
Bloomberg U.S. Aggregate Index	0.83	-0.6	0.98		6.4		1.1		1.3
Portfolio Statistics	Effective Duration	Wtd Avg Maturity		Wtd Avg Credit	Yield to Worst		Fl Annl Turnover		
<b>Dodge &amp; Cox Income Fund</b>	<b>6.1 yrs</b>	<b>9.0 yrs</b>		<b>A</b>	<b>4.8%</b>		<b>12.0 %</b>		
Bloomberg IG Credit Index	--	--		--	--		--		--
Bloomberg U.S. Aggregate Index	5.8	8.1		AA	4.3		--		--

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Dodge & Cox Income Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 1.4%	Yes
Beta < 1.20	Beta = 0.83	Yes
Alpha > 0.0%	Alpha = 0.8%	Yes
Peer Group Rank > 50th Percentile	Ranks in Top 25th Percentile	Yes

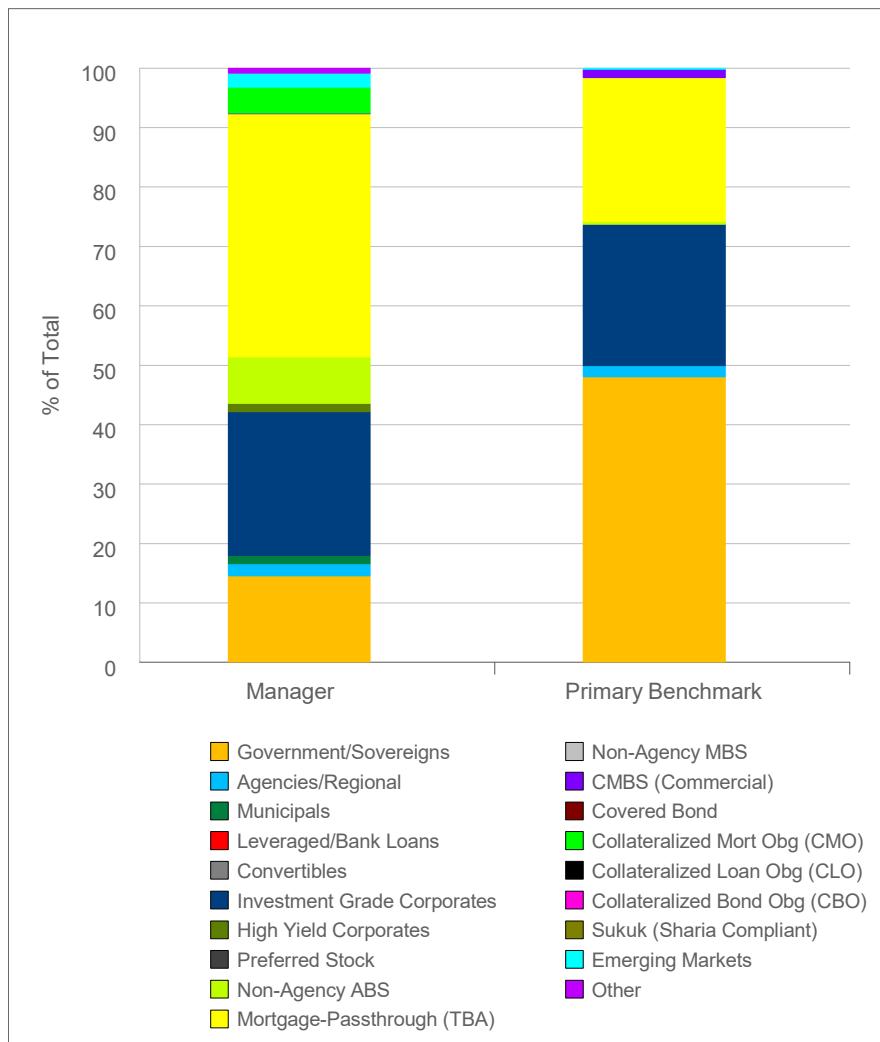
# City of Grosse Pointe Woods Employees Retirement System

## Dodge & Cox Income Fund

### Fixed Income Sector

Report For Periods Ending December 31, 2025

#### Sector Allocation



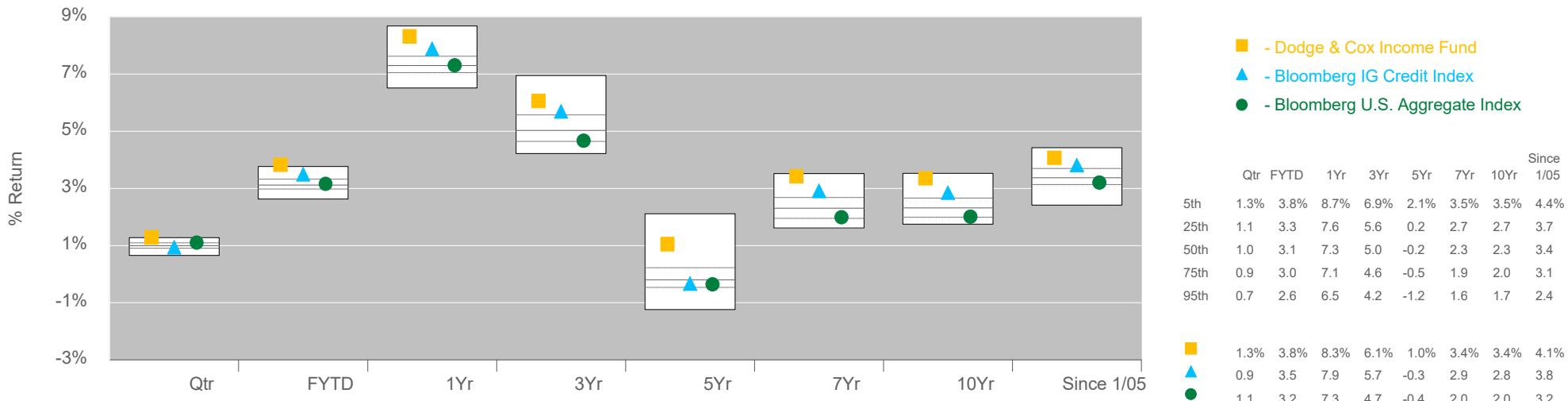
Sector	Sector Weightings		Market Total Returns	
	Manager	Benchmark	3 Months	12 Months
Total Weighting	100%	100%	1.1%	7.3%
Government/Sovereigns	15	48	0.9	6.5
Agencies/Regional	2	2	1.2	6.8
Municipals	1	0	-	-
Leveraged/Bank Loans	0	0	-	-
Convertibles	0	0	-	-
Investment Grade Corporates	24	24	0.9	7.9
High Yield Corporates	1	0	-2.6	-2.8
Preferred Stock	0	0	-	-
Non-Agency ABS	8	0	1.3	6.0
Mortgage-Passthrough (TBA)	41	24	1.7	8.7
Non-Agency MBS	0	0	-	-
CMBS (Commercial)	0	1	1.4	7.8
Covered Bond	0	0	-	-
Collateralized Mort Obg (CMO)	4	0	-	-
Collateralized Loan Obg (CLO)	0	0	-	-
Collateralized Bond Obg (CBO)	0	0	-	-
Sukuk (Sharia Compliant)	0	0	-	-
Emerging Markets	2	0	0.7	9.0
Other	1	0	-	-

\*Sector weightings may not add up to 100% due to rounding.

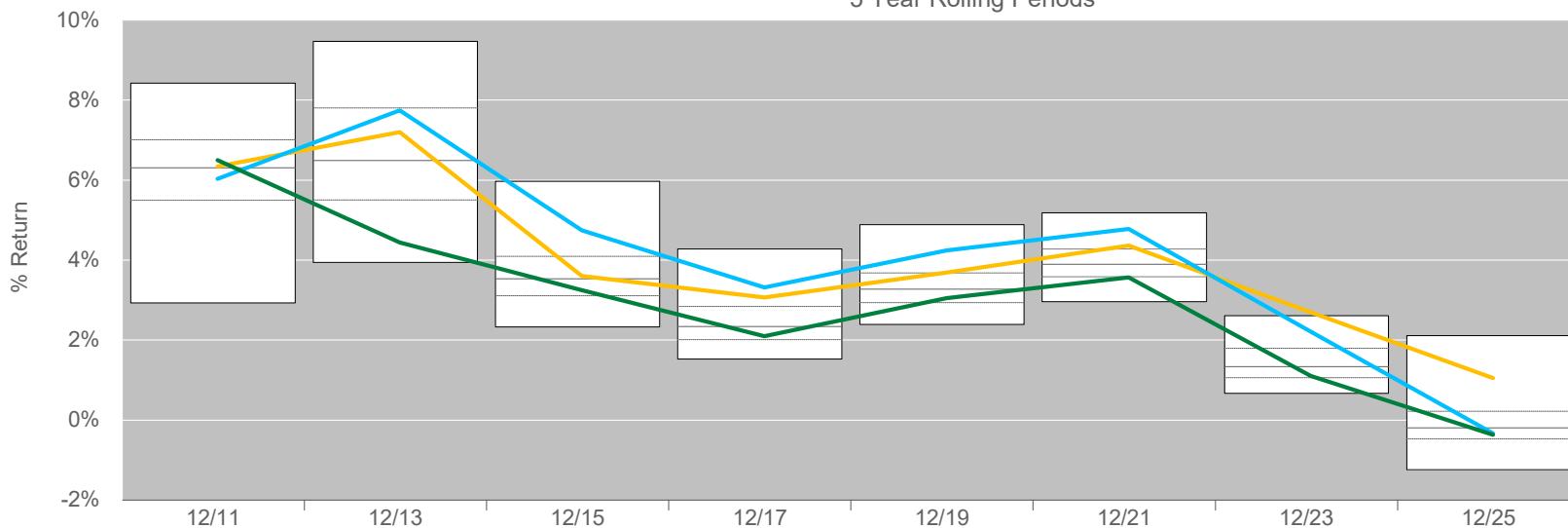
\*Benchmark weightings are for the Bloomberg U.S. Aggregate Index.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**Dodge & Cox Income Fund**  
**Core Fixed Income Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## DoubleLine Total Return Bond Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>DoubleLine Total Return Bond Fund</b>	<b>1.3%</b>	<b>3.4%</b>	<b>8.0%</b>	<b>5.5%</b>	<b>0.6%</b>	<b>1.8%</b>	<b>2.0%</b>	<b>3.8%</b>	<b>4/10</b>
Bloomberg U.S. MBS Index	1.7	4.2	8.6	4.9	0.1	1.5	1.6	2.2	
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	2.5	
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>		Standard Deviation		Tracking Error		Information Ratio
<b>DoubleLine Total Return Bond Fund</b>	<b>0.83</b>	<b>-0.1%</b>	<b>0.95</b>		<b>5.9%</b>		<b>1.8%</b>		<b>0.2</b>
Bloomberg U.S. MBS Index	1.00	0.0	1.00		7.0		0.0		--
Bloomberg U.S. Aggregate Index	0.90	-0.8	0.97		6.4		1.4		0.6
Portfolio Statistics	Effective Duration	Wtd Avg Maturity		Wtd Avg Credit		Yield to Worst		Fl Annl Turnover	
<b>DoubleLine Total Return Bond Fund</b>	<b>5.5yrs</b>	<b>5.6yrs</b>		<b>A+</b>		<b>5.1%</b>		<b>33.0%</b>	
Bloomberg U.S. MBS Index	--	--		--		--		--	
Bloomberg U.S. Aggregate Index	5.8	8.1		AA		4.3		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## DoubleLine Total Return Bond Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 0.4%	Yes
Beta < 1.20	Beta = 0.83	Yes
Alpha > 0.0%	Alpha = -0.1%	No
Peer Group Rank > 50th Percentile	Ranks in Top 25th Percentile	Yes

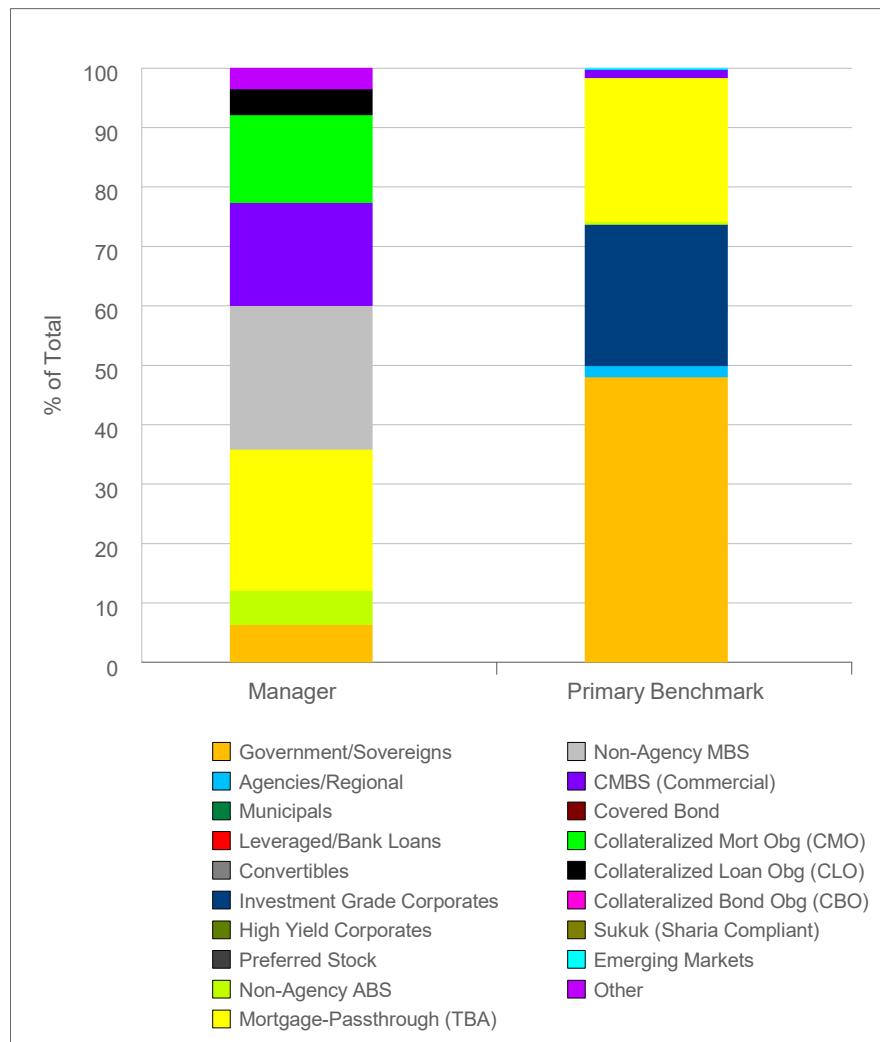
# City of Grosse Pointe Woods Employees Retirement System

## DoubleLine Total Return Bond Fund

### Fixed Income Sector

Report For Periods Ending December 31, 2025

#### Sector Allocation



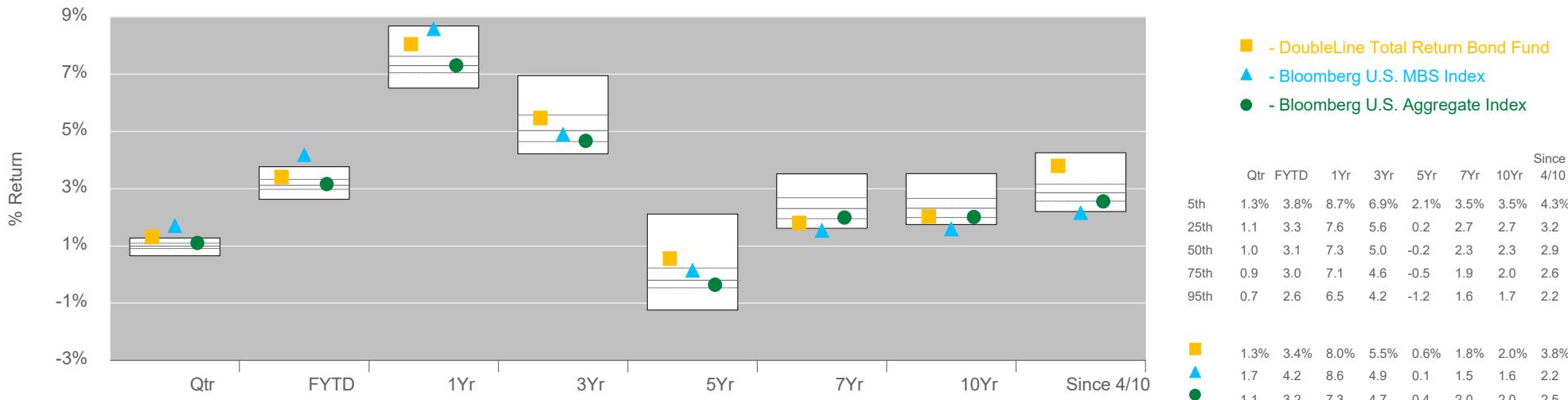
Sector	Sector Weightings		Market Total Returns	
	Manager	Benchmark	3 Months	12 Months
Total Weighting	100%	100%	1.1%	7.3%
Government/Sovereigns	6	48	0.9	6.5
Agencies/Regional	0	2	1.2	6.8
Municipals	0	0	-	-
Leveraged/Bank Loans	0	0	-	-
Convertibles	0	0	-	-
Investment Grade Corporates	0	24	0.9	7.9
High Yield Corporates	0	0	-2.6	-2.8
Preferred Stock	0	0	-	-
Non-Agency ABS	6	0	1.3	6.0
Mortgage-Passthrough (TBA)	24	24	1.7	8.7
Non-Agency MBS	24	0	-	-
CMBS (Commercial)	17	1	1.4	7.8
Covered Bond	0	0	-	-
Collateralized Mort Obg (CMO)	15	0	-	-
Collateralized Loan Obg (CLO)	4	0	-	-
Collateralized Bond Obg (CBO)	0	0	-	-
Sukuk (Sharia Compliant)	0	0	-	-
Emerging Markets	0	0	0.7	9.0
Other	3	0	-	-

\*Sector weightings may not add up to 100% due to rounding.

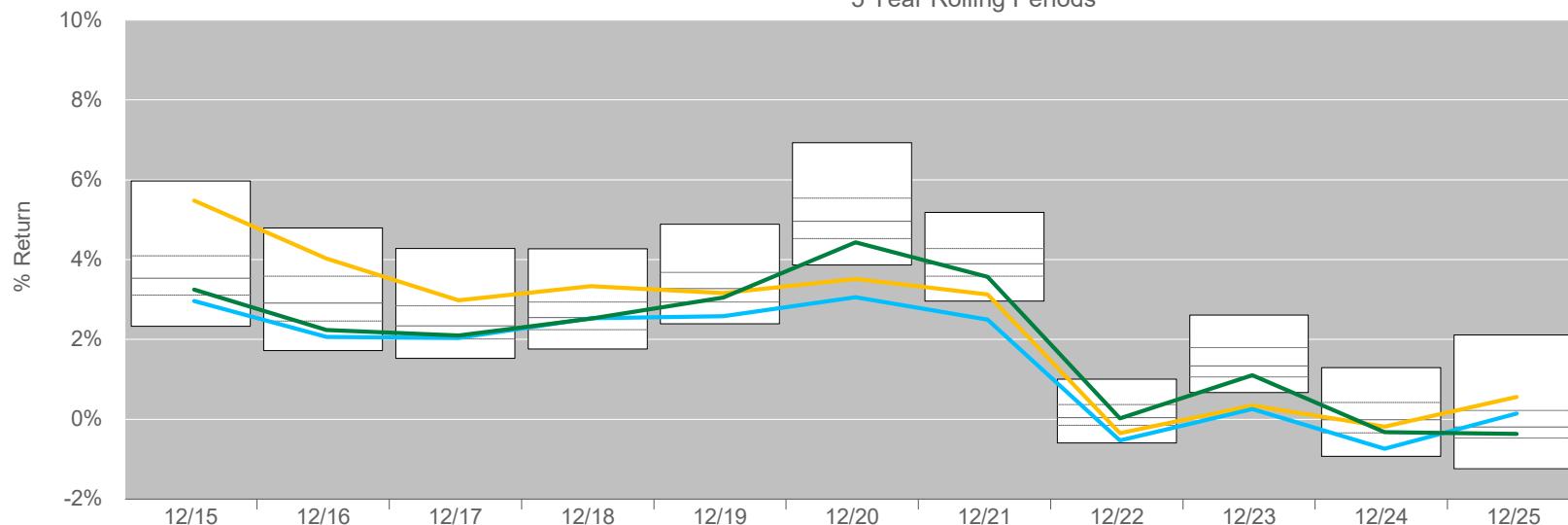
\*Benchmark weightings are for the Bloomberg U.S. Aggregate Index.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**DoubleLine Total Return Bond Fund**  
**Core Fixed Income Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2010 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Vanguard Total Bond Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Vanguard Total Bond Fund</b>	<b>1.0%</b>	<b>2.9%</b>	<b>7.2%</b>	<b>4.7%</b>	<b>-0.4%</b>	<b>2.0%</b>	<b>2.0%</b>	<b>3.2%</b>	<b>1/05</b>
Bloomberg U.S. Aggregate Index	1.1	3.2	7.3	4.7	-0.4	2.0	2.0	3.2	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
<b>Vanguard Total Bond Fund</b>	<b>0.99</b>	<b>-0.1%</b>	<b>1.00</b>		<b>6.3%</b>		<b>0.3%</b>		<b>-0.2</b>
Bloomberg U.S. Aggregate Index	1.00	0.0	1.00		6.4		0.0		--
<b>Portfolio Statistics</b>	<b>Effective Duration</b>	<b>Wtd Avg Maturity</b>		<b>Wtd Avg Credit</b>		<b>Yield to Worst</b>		<b>Fl Annl Turnover</b>	
<b>Vanguard Total Bond Fund</b>	<b>5.8yrs</b>	<b>8.1yrs</b>		<b>AA</b>		<b>4.3%</b>		<b>--%</b>	
Bloomberg U.S. Aggregate Index	5.8	8.1		AA		4.3		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Vanguard Total Bond Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -0.1%	No
Beta < 1.20	Beta = 0.99	Yes
Alpha > 0.0%	Alpha = -0.1%	No
Peer Group Rank > 50th Percentile	Ranks in Bottom 33rd Percentile	No

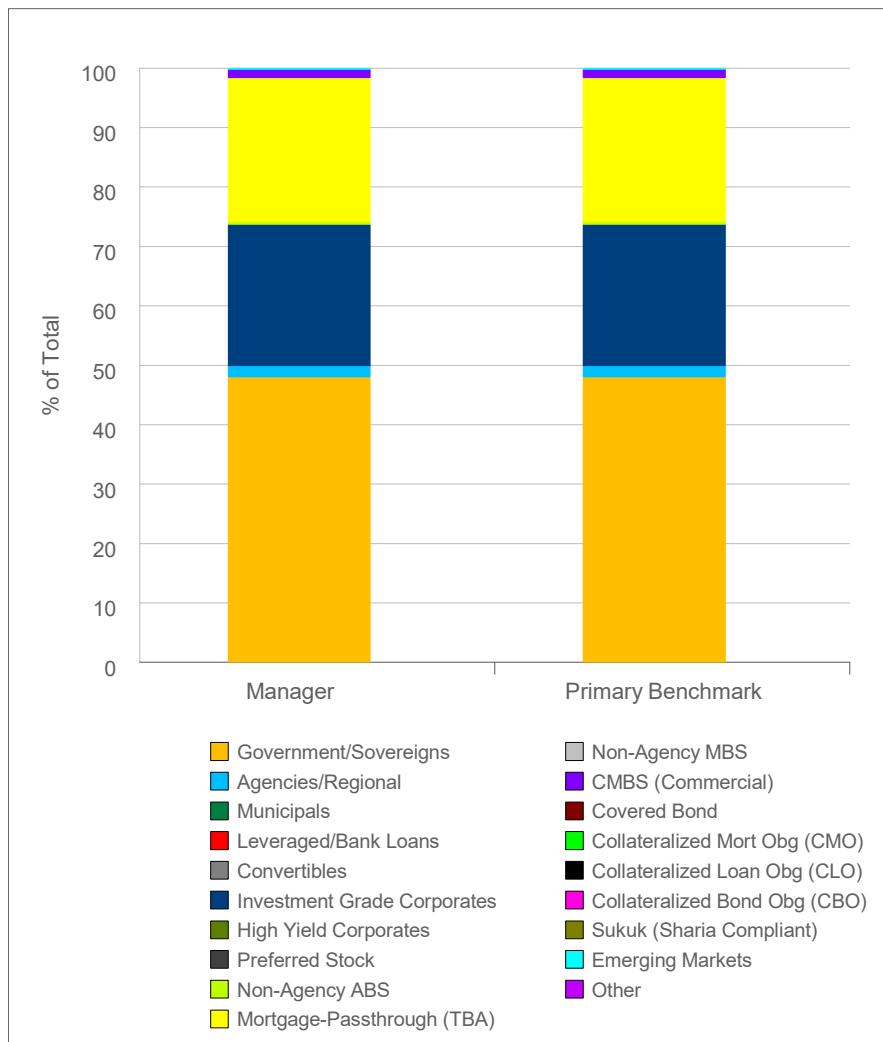
# City of Grosse Pointe Woods Employees Retirement System

## Vanguard Total Bond Fund

### Fixed Income Sector

Report For Periods Ending December 31, 2025

#### Sector Allocation

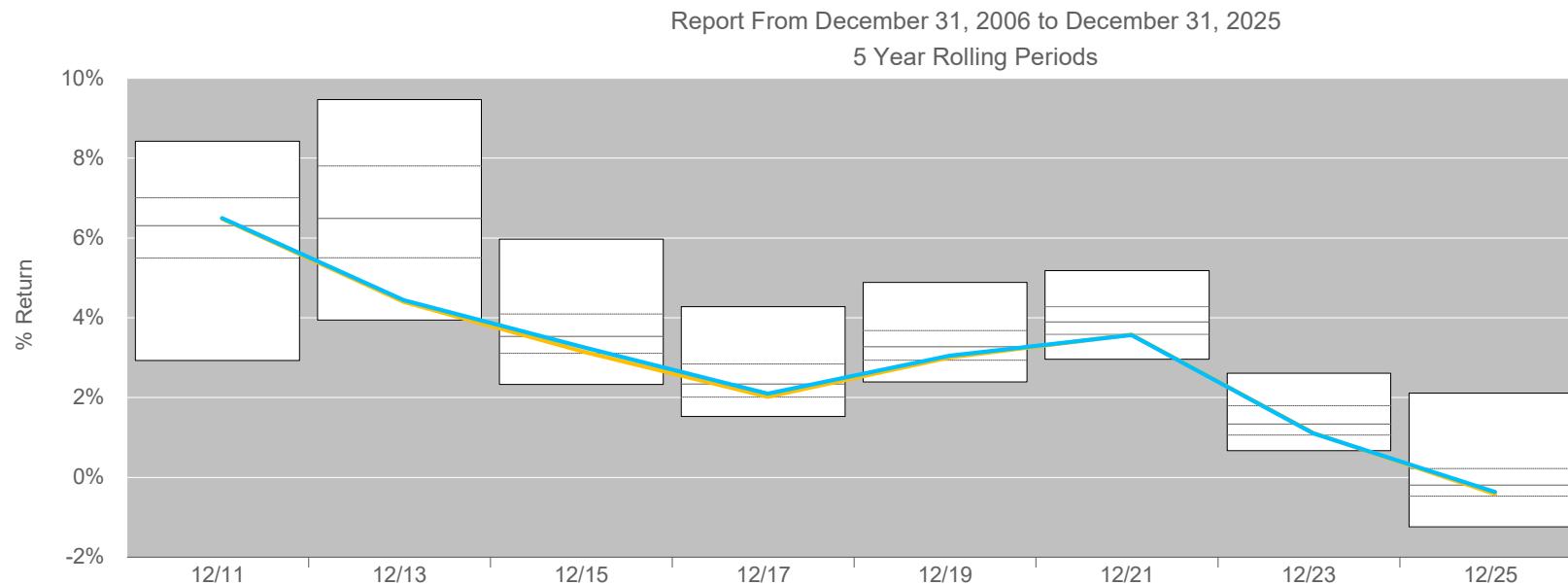
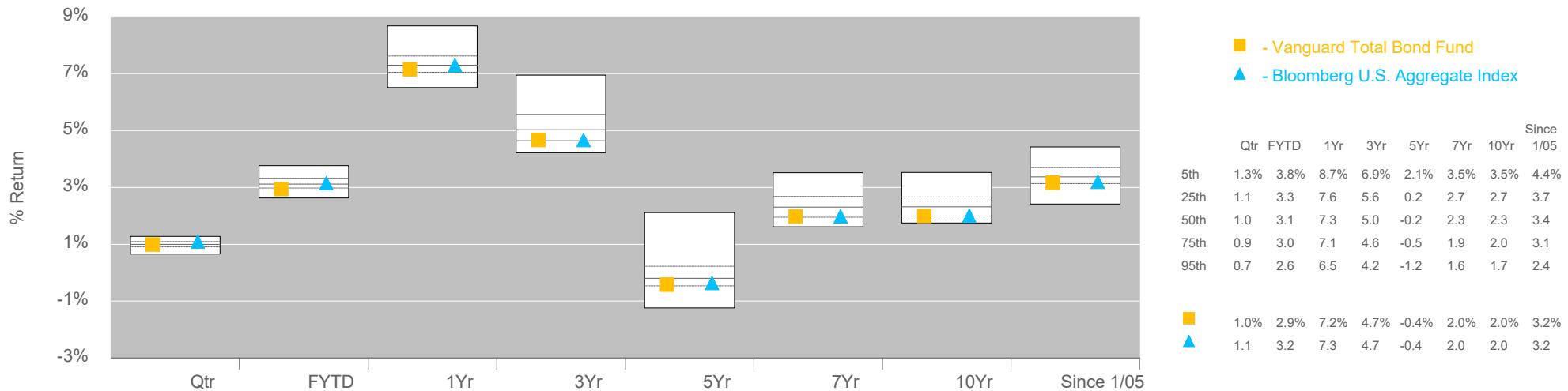


Sector	Sector Weightings		Market Total Returns	
	Primary Manager	Benchmark	3 Months	12 Months
Total Weighting	100%	100%	1.1%	7.3%
Government/Sovereigns	48	48	0.9	6.5
Agencies/Regional	2	2	1.2	6.8
Municipals	0	0	-	-
Leveraged/Bank Loans	0	0	-	-
Convertibles	0	0	-	-
Investment Grade Corporates	24	24	0.9	7.9
High Yield Corporates	0	0	-2.6	-2.8
Preferred Stock	0	0	-	-
Non-Agency ABS	0	0	1.3	6.0
Mortgage-Passthrough (TBA)	24	24	1.7	8.7
Non-Agency MBS	0	0	-	-
CMBS (Commercial)	1	1	1.4	7.8
Covered Bond	0	0	-	-
Collateralized Mort Obg (CMO)	0	0	-	-
Collateralized Loan Obg (CLO)	0	0	-	-
Collateralized Bond Obg (CBO)	0	0	-	-
Sukuk (Sharia Compliant)	0	0	-	-
Emerging Markets	0	0	0.7	9.0
Other	0	0	-	-

\*Sector weightings may not add up to 100% due to rounding.

\* Manager data represents the most current available at the time of report publication.

**City of Grosse Pointe Woods Employees Retirement System**  
**Vanguard Total Bond Fund**  
**Core Fixed Income Universe**  
For Report Periods Ending December 31, 2025



# City of Grosse Pointe Woods Employees Retirement System

## Principal Real Estate Securities Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Principal Real Estate Securities Fund	-2.4%	-1.4%	1.2%	6.5%	4.8%	7.0%	5.9%	8.0%	1/05
FTSE NAREIT All Equity Index	-2.1	0.5	2.3	6.7	5.1	5.5	4.3	5.9	
<b>Risk Statistics (5 years)</b>	<b>Beta</b>	<b>Alpha</b>	<b>R<sup>2</sup></b>		<b>Standard Deviation</b>		<b>Tracking Error</b>		<b>Information Ratio</b>
Principal Real Estate Securities Fund	0.95	-0.2%	0.99		18.7%		2.4%		-0.1
FTSE NAREIT All Equity Index	1.00	0.0	1.00		19.7		0.0		--
<b>Portfolio Statistics</b>	<b>Current P/FFO</b>	<b>Growth in FFO</b>		<b>Wtd Avg Mkt Cap</b>		<b>Current Yield</b>		<b>Equity Annual Turnover</b>	
Principal Real Estate Securities Fund	17.1	3.9%		45,580.2M		3.6%		17.2%	
FTSE NAREIT All Equity Index	--	--		--		--		--	

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

## Principal Real Estate Securities Fund

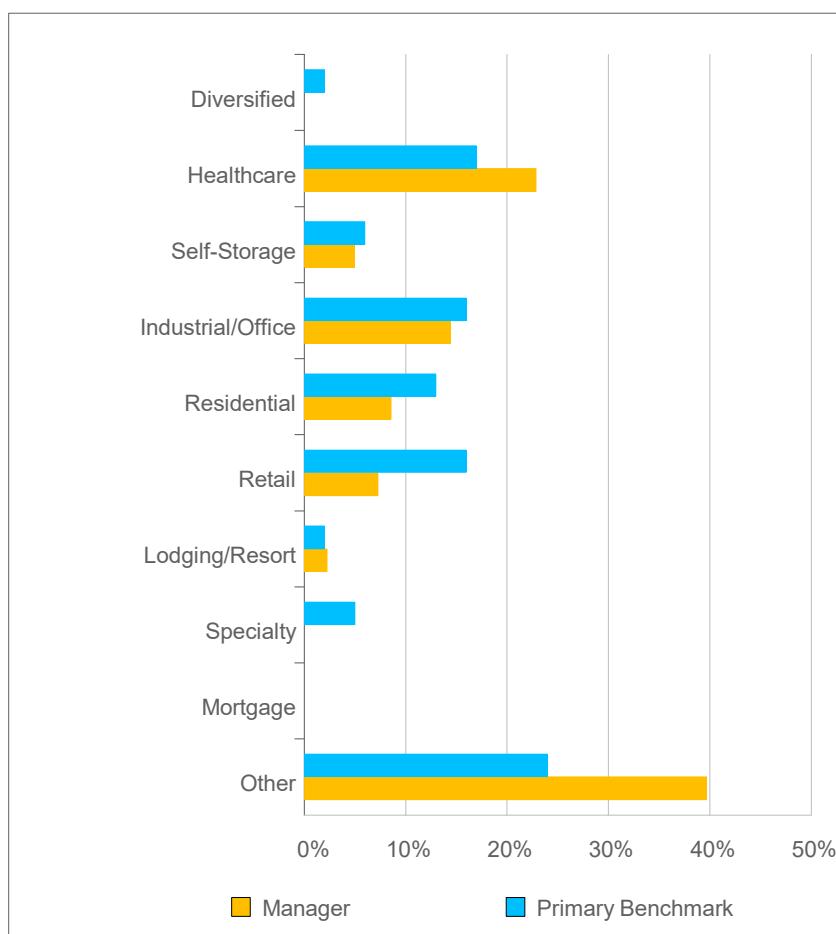
### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -0.3%	No
Beta < 1.20	Beta = 0.95	Yes
Alpha > 0.0%	Alpha = -0.2%	No
Peer Group Rank > 50th Percentile	Ranks in Bottom 50th Percentile	No

**City of Grosse Pointe Woods Employees Retirement System**  
**Principal Real Estate Securities Fund**  
**Real Estate Sector**  
Report For Periods Ending December 31, 2025

**Sector Allocation**



Sector	Sector Weightings		Market Total Returns	
	Manager	Benchmark	3 Months	12 Months
Diversified	0%	2%	-%	%
Healthcare	23	17	-	-
Self-Storage	5	6	-	-
Industrial/Office	14	16	-	-
Residential	9	13	-	-
Retail	7	16	-	-
Lodging/Resort	2	2	-	-
Specialty	0	5	-	-
Mortgage	0	0	-	-
Other	40	24	-	-

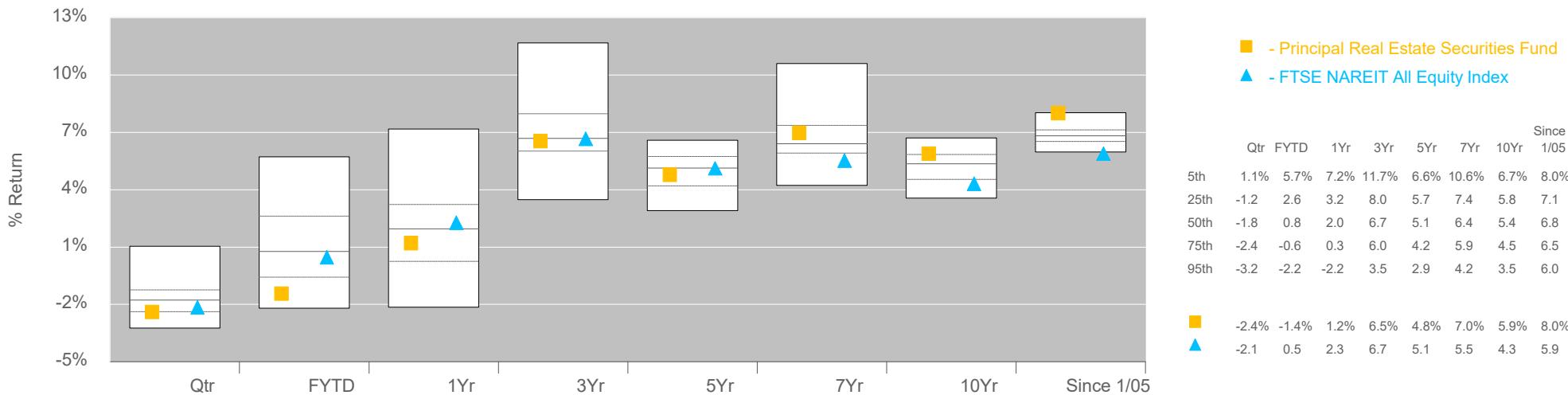
\* Sector weightings may not add up to 100% due to rounding.

\* Accrued income in total market value may not be available for all managers.

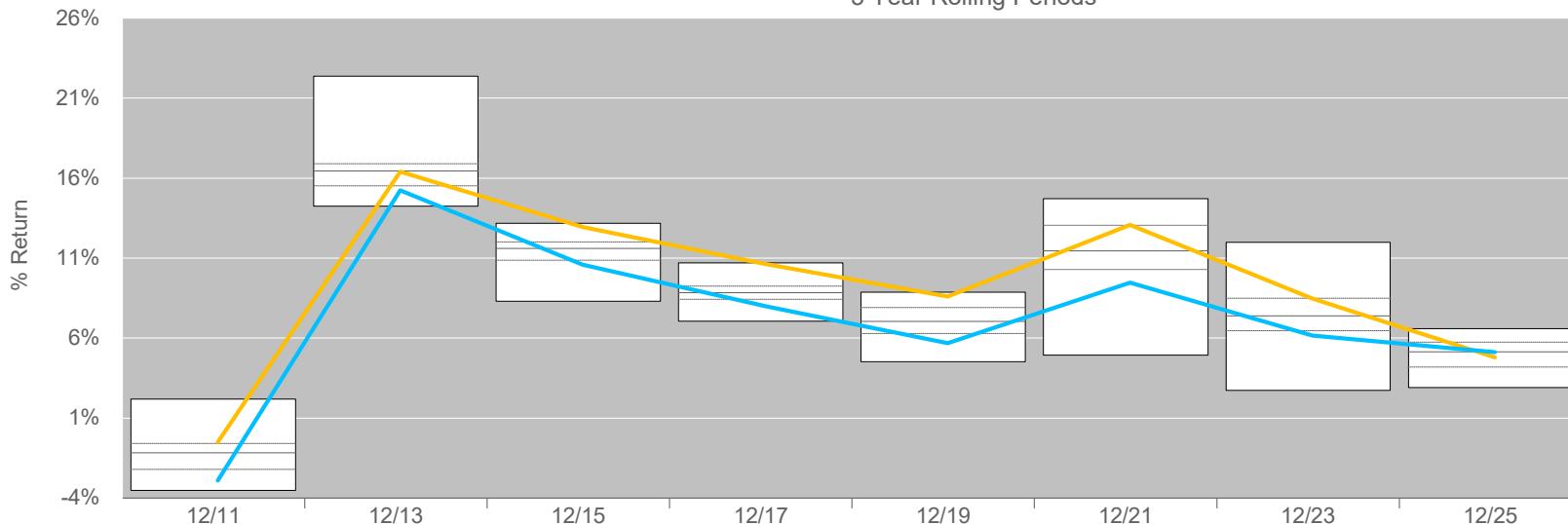
\* Manager data represents the most current available at the time of report publication.

\*Benchmark weightings are for the FTSE NAREIT Equity Index.

**City of Grosse Pointe Woods Employees Retirement System**  
**Principal Real Estate Securities Fund**  
**REIT Manager Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2006 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Tortoise MLP & Pipeline Fund

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Tortoise MLP &amp; Pipeline Fund</b>	<b>-0.4%</b>	<b>0.1%</b>	<b>4.9%</b>	<b>19.6%</b>	<b>24.1%</b>	<b>13.7%</b>	<b>11.4%</b>	<b>8.8%</b>	<b>5/11</b>
Alerian MLP Index	3.8	2.5	9.8	20.0	26.0	13.4	8.8	6.2	
Tortoise North American Pipeline Index	-2.2	1.1	8.2	18.7	21.6	14.7	12.8	--	
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>		Standard Deviation		Tracking Error		Information Ratio
<b>Tortoise MLP &amp; Pipeline Fund</b>	<b>0.84</b>	<b>1.9%</b>	<b>0.80</b>		<b>22.1%</b>		<b>8.5%</b>		<b>-0.2</b>
Alerian MLP Index	1.00	0.0	1.00		24.1		0.0		--
Tortoise North American Pipeline Index	0.72	1.9	0.71		20.0		4.2		0.6

\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

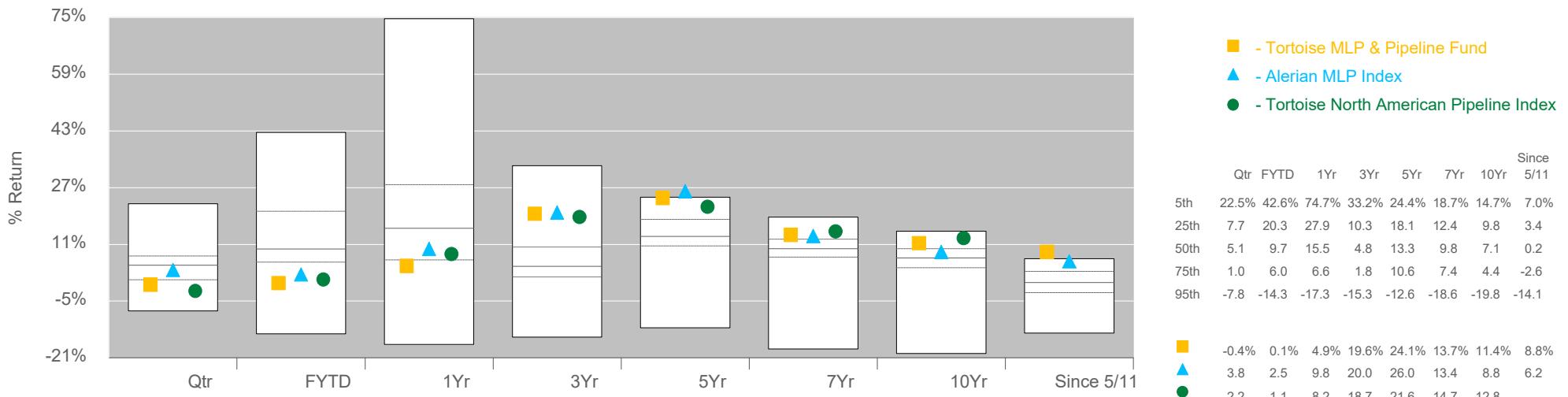
## Tortoise MLP & Pipeline Fund

### Summary of Performance Relative to Investment Policy Statement Objectives

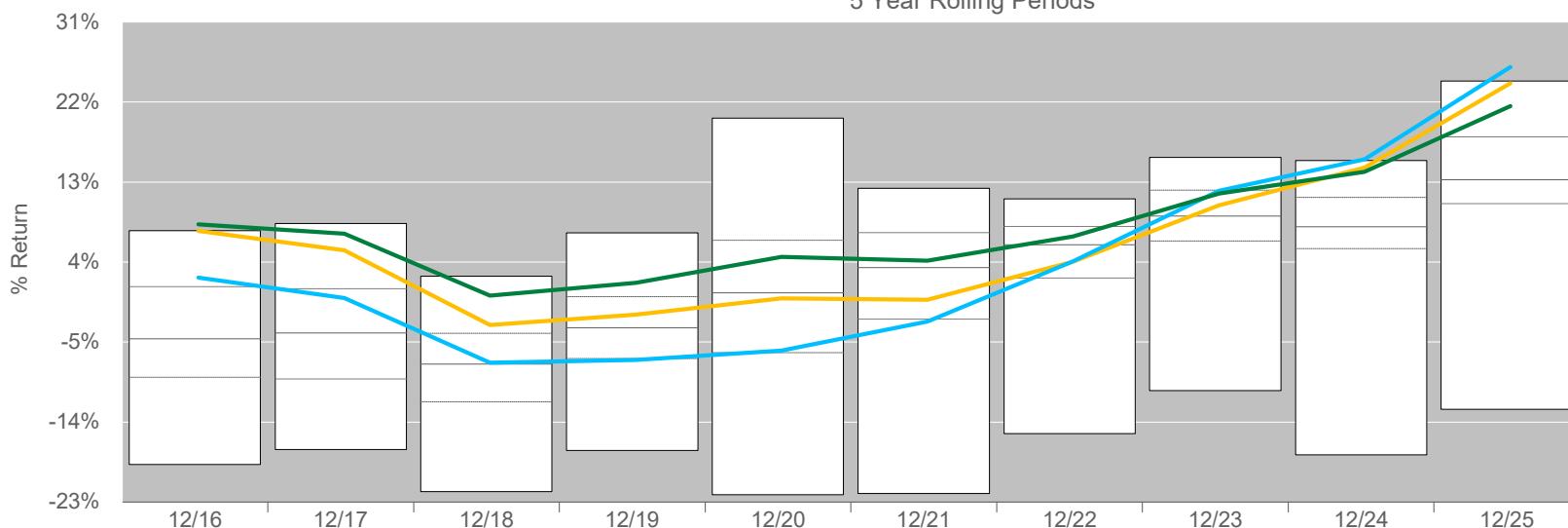
Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = -1.8%	No
Beta < 1.20	Beta = 0.84	Yes
Alpha > 0.0%	Alpha = 1.9%	Yes
Peer Group Rank > 50th Percentile	Ranks in Top 25th Percentile	Yes

**City of Grosse Pointe Woods Employees Retirement System**  
**Tortoise MLP & Pipeline Fund**  
**Natural Resources Universe**  
For Report Periods Ending December 31, 2025



Report From December 31, 2011 to December 31, 2025  
5 Year Rolling Periods



# City of Grosse Pointe Woods Employees Retirement System

## Cohen & Steers Global Listed Infrastructure

### Summary of Performance and Statistics

Report For Periods Ending December 31, 2025

Performance Results	Qtr	FYTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
<b>Cohen &amp; Steers Global Listed Infrastructure</b>	<b>0.7 %</b>	<b>5.7 %</b>	<b>14.7 %</b>	<b>9.5 %</b>	<b>7.8 %</b>	<b>8.7 %</b>	<b>8.3 %</b>	<b>7.2 %</b>	<b>1/05</b>
FTSE Global Core Infrastructure 50/50	0.8	4.6	14.4	8.6	6.9	7.7	7.8	--	
DJ Brookfield Global Infrastructure Index	0.4	2.0	14.0	10.5	9.0	8.5	7.3	8.3	
<hr/>									
Risk Statistics (5 years)	Beta	Alpha	R <sup>2</sup>	Standard Deviation	Tracking Error	Information Ratio			
<b>Cohen &amp; Steers Global Listed Infrastructure</b>	<b>1.01</b>	<b>0.8 %</b>	<b>0.98</b>	<b>15.1 %</b>	<b>2.1 %</b>	<b>0.4</b>			
FTSE Global Core Infrastructure 50/50	1.00	0.0	1.00	14.7	0.0	--			
DJ Brookfield Global Infrastructure Index	1.02	2.0	0.93	15.9	4.1	-0.3			

### Asset Growth Summary (in thousands)

---

Beginning Market Value	\$ 0
Net Contributions/(Distributions)	\$ 0
<b>Market Appreciation/(Depreciation)</b>	<b>\$ 0</b>
 <b>Ending Market Value</b>	 <b>\$ 0</b>

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\* Risk Statistics are based on monthly data.

\* Manager data represents the most current available at the time of report publication.

# City of Grosse Pointe Woods Employees Retirement System

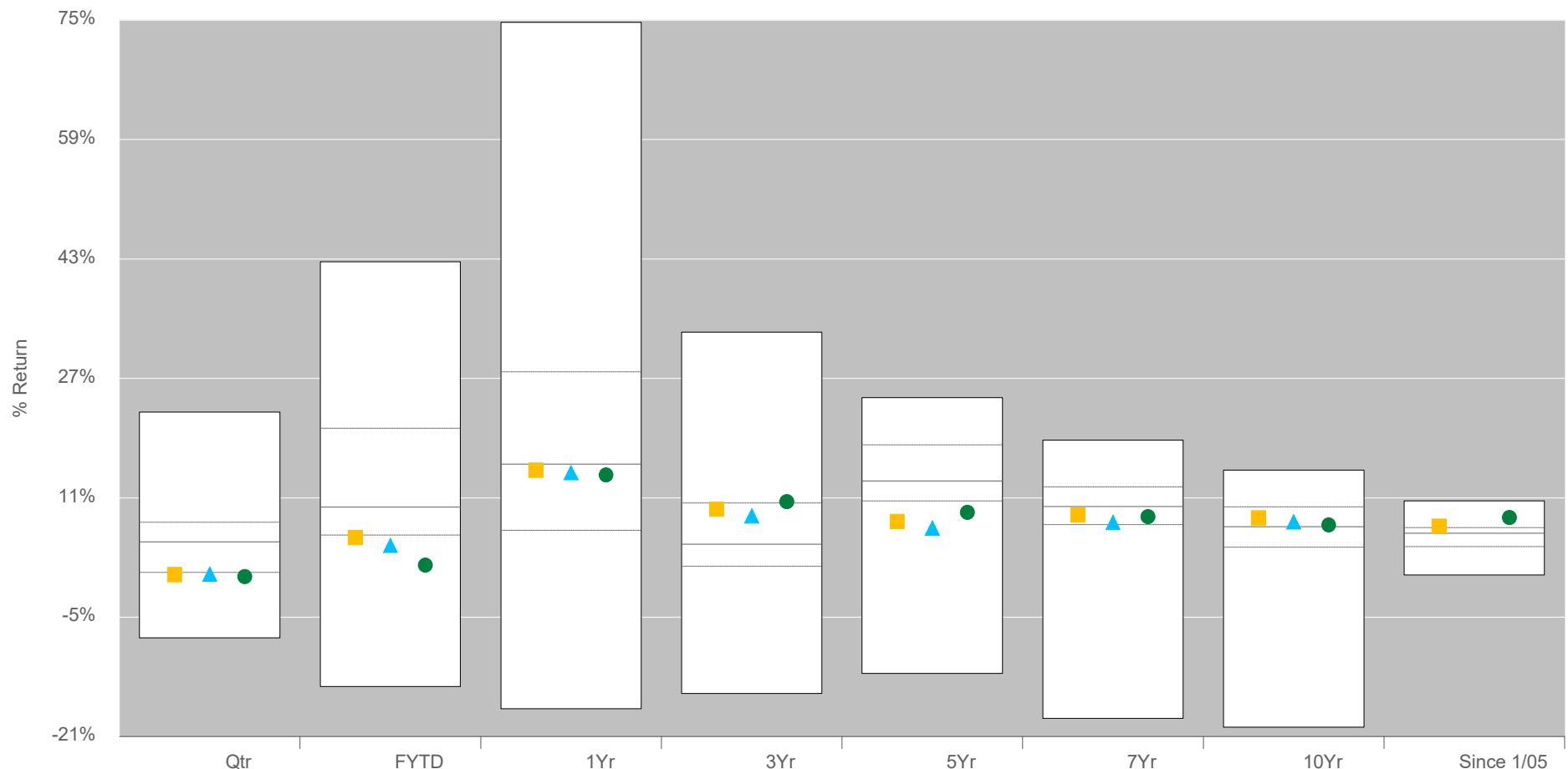
## Cohen & Steers Global Listed Infrastructure

### Summary of Performance Relative to Investment Policy Statement Objectives

Report For Periods Ending December 31, 2025

Performance Objectives	Result	Objective Achieved
<b>Measurement Period:</b> Moving 5 Year		
Return > Benchmark	Return over benchmark = 0.9%	Yes
Beta < 1.20	Beta = 1.01	Yes
Alpha > 0.0%	Alpha = 0.8%	Yes
Peer Group Rank > 50th Percentile	Ranks in Bottom 25th Percentile	No

**City of Grosse Pointe Woods Employees Retirement System**  
**Cohen & Steers Global Listed Infrastructure**  
**Natural Resources Universe**  
For Report Periods Ending December 31, 2025



5th Percentile	22.5%	42.6%	74.7%	33.2%	24.4%	18.7%	14.7%	10.6%
25th Percentile	7.7	20.3	27.9	10.3	18.1	12.4	9.8	7.0
50th Percentile	5.1	9.7	15.5	4.8	13.3	9.8	7.1	6.2
75th Percentile	1.0	6.0	6.6	1.8	10.6	7.4	4.4	4.4
95th Percentile	-7.8	-14.3	-17.3	-15.3	-12.6	-18.6	-19.8	0.7
<span style="color: yellow;">■</span> - Cohen & Steers Global Listed Infrastructure	5.7%	14.7%	9.5%	7.8%	8.7%	8.3%	7.2%	
<span style="color: blue;">▲</span> - FTSE Global Core Infrastructure	4.6	14.4	8.6	6.9	7.7	7.8	--	
<span style="color: green;">●</span> - DJ Brookfield Global Infrastructure Index	2.0	14.0	10.5	9.0	8.5	7.3	8.3	

# City of Grosse Pointe Woods Employees Retirement System

## Breakdown of Fees

Report For Periods Ending December 31, 2025

	Annual Fee/ Expense Ratio	Market Value	Percent Allocation	Weighted Average Fee	Annualized Fee
iShares S&P 500 Index	0.03%	\$17,516,656	32.3%	0.01%	\$5,255
Invesco S&P 500 Equal Weighted Index	0.20%	\$3,339,465	6.2%	0.01%	\$6,679
iShares Russell Midcap Index	0.20%	\$2,556,450	4.7%	0.01%	\$5,113
Vanguard S&P Small Cap 600 Index	0.10%	\$3,426,112	6.3%	0.01%	\$3,426
EUPAC Fund	0.57%	\$3,650,283	6.7%	0.04%	\$20,807
Dodge & Cox International Stock Fund	0.62%	\$3,668,717	6.8%	0.04%	\$22,746
Brown International Small Company	1.31%	\$1,196,529	2.2%	0.03%	\$15,675
Redwheel Global Emerging Equity Fund	1.37%	\$725,179	1.3%	0.02%	\$9,935
DFA Emerging Markets Fund	0.36%	\$1,727,585	3.2%	0.01%	\$6,219
Dodge & Cox Income Fund	0.41%	\$3,558,503	6.6%	0.03%	\$14,590
DoubleLine Total Return Bond Fund	0.50%	\$3,335,054	6.2%	0.03%	\$16,675
Vanguard Total Bond Fund	0.04%	\$3,022,593	5.6%	0.00%	\$1,209
Gateway Fund	0.70%	\$1,355,760	2.5%	0.02%	\$9,490
PIMCO All Asset Fund	0.89%	\$1,362,752	2.5%	0.02%	\$12,128
Principal Real Estate Securities Fund	0.86%	\$1,061,457	2.0%	0.02%	\$9,129
Tortoise MLP & Pipeline Fund	0.93%	\$699,342	1.3%	0.01%	\$6,504
Cohen & Steers Global Listed Infrastructure	0.86%	\$1,419,369	2.6%	0.02%	\$12,207
Schwab Government Money Fund	0.44%	\$606,377	1.1%	0.00%	\$2,668
<b>Total Investment Management Fees</b>		<b>\$54,228,183</b>	<b>100.0%</b>	<b>0.33%</b>	<b>\$180,454</b>

\* Mutual Fund expense ratios are deducted from the NAV of the fund.

\* Annualized fee is an estimate based on market values as of December 31, 2025.

## Index Summary Sheet for Periods Ending December 31, 2025

	Qtr	YTD	1 Yr	Annualized		
				3 Yr	5 Yr	10 Yr
<b>Global Equity</b>						
MSCI AC World Index	3.3%	22.3%	22.3%	20.7%	11.2%	11.7%
MSCI World Index	3.1	21.1	21.1	21.2	12.1	12.2
S&P 500 Index	2.7	17.9	17.9	23.0	14.4	14.8
Russell 3000 Index	2.4	17.1	17.1	22.2	13.1	14.3
Russell 1000 Index	2.4	17.4	17.4	22.7	13.6	14.6
Russell 1000 Growth Index	1.1	18.6	18.6	31.2	15.3	18.1
Russell 1000 Value Index	3.8	15.9	15.9	13.9	11.3	10.5
Russell Midcap Index	0.2	10.6	10.6	14.4	8.7	11.0
Russell Midcap Growth Index	-3.7	8.7	8.7	18.6	6.6	12.5
Russell Midcap Value Index	1.4	11.0	11.0	12.3	9.8	9.8
Russell 2000 Index	2.2	12.8	12.8	13.7	6.1	9.6
Russell 2000 Growth Index	1.2	13.0	13.0	15.6	3.2	9.6
Russell 2000 Value Index	3.3	12.6	12.6	11.7	8.9	9.3
Russell Microcap Index	6.3	23.0	23.0	15.2	7.3	9.6
MSCI AC World Index ex-U.S.	5.1	32.4	32.4	17.3	7.9	8.4
MSCI EAFE Index	4.9	31.2	31.2	17.2	8.9	8.2
MSCI EAFE Growth Index	1.9	20.8	20.8	13.2	4.4	7.4
MSCI EAFE Value Index	7.8	42.2	42.2	21.4	13.4	8.7
MSCI Small Cap EAFE Index	2.7	31.8	31.8	15.0	5.6	7.5
MSCI Emerging Markets Index	4.7	33.6	33.6	16.4	4.2	8.4
MSCI Emerging Markets Small Cap Index	1.6	18.6	18.6	15.5	8.4	8.3
MSCI Frontier Markets Index	6.6	46.9	46.9	21.5	9.6	7.9
HFRI Equity Hedge Index	3.3	17.3	17.3	13.5	8.0	8.1
HFRI Emerging Markets	1.5	18.0	18.0	11.9	5.4	6.4
HFRI FOF: Strategic Index	3.8	12.9	12.9	10.8	5.0	5.3
LSEG All Private Equity Index	0.0	9.8	9.8	7.2	8.8	13.6
LSEG Buyout Index	0.0	8.7	8.7	8.8	11.0	13.8
LSEG Fund of Funds Index	0.0	9.8	9.8	3.1	5.5	11.0
LSEG Venture Capital Index	0.0	12.4	12.4	3.8	6.2	12.6
<b>Global Fixed Income</b>						
Bloomberg U.S. Aggregate Index	1.1	7.3	7.3	4.7	-0.4	2.0
Bloomberg U.S. TIPS Index	0.1	7.0	7.0	4.2	1.1	3.1
Bloomberg Government Bond Index	0.9	6.3	6.3	3.6	-0.9	1.4
Bloomberg Municipals Index	1.6	4.2	4.2	3.9	0.8	2.3
Bloomberg Asset Backed Index	1.2	5.9	5.9	5.5	2.3	2.6

## Index Summary Sheet for Periods Ending December 31, 2025

	Qtr	YTD	1 Yr	Annualized		
				3 Yr	5 Yr	10 Yr
<b>Global Fixed Income (continued)</b>						
Bloomberg US MBS Index	1.7%	8.6%	8.6%	4.9%	0.1%	1.6%
Bloomberg IG CMBS Index	1.4	7.8	7.8	6.0	1.0	2.9
Bloomberg U.S. Credit Index	0.9	7.8	7.8	6.0	0.0	3.1
Bloomberg U.S. Corporate HY Index	1.3	8.6	8.6	10.1	4.5	6.5
Bloomberg Intermediate U.S. G/C Index	1.2	7.0	7.0	5.1	1.0	2.3
ICE BofA 1-3 Yr. Govt. Bond Index	1.1	5.1	5.1	4.5	1.8	1.8
U.S. 91-Day Treasury Bills	0.9	4.1	4.1	4.7	3.2	2.2
S&P UBS Leveraged Loan Index	0.7	5.4	5.4	9.1	6.3	5.7
JPMorgan Non-U.S. GBI Hedged Index	0.3	2.1	2.1	4.9	-0.2	2.0
JPMorgan Non-U.S. GBI Index	-2.0	6.9	6.9	0.8	-6.2	-0.7
JPMorgan EMBI Plus Index	2.5	12.4	12.4	10.1	-0.8	2.7
JPMorgan EMBI Global Index	3.0	13.5	13.5	9.8	1.7	4.3
HFRI RV: Fixed Income - Corporate Index	1.5	7.2	7.2	8.5	5.3	6.0
HFRI ED: Distressed/Restructuring Index	2.0	9.0	9.0	9.6	7.8	7.3
LSEG Distressed Index	0.0	4.1	4.1	4.8	9.3	8.8
<b>Real Assets</b>						
FTSE NAREIT All Equity Index	-2.1	2.3	2.3	6.1	4.8	5.8
S&P Developed BMI Property Index	-0.4	10.5	10.5	7.4	3.2	3.7
S&P Developed ex-U.S. Property Index	1.6	26.5	26.5	9.0	1.5	3.7
NCREIF Property Index	0.0	3.8	3.8	-1.3	3.6	4.7
Bloomberg Commodity Index Total Return	5.8	15.8	15.8	4.0	10.6	5.7
Alerian MLP Index	3.8	9.8	9.8	20.0	26.0	8.8
NCREIF Timberland Index	0.0	2.9	2.9	6.4	8.2	5.2
LSEG Private Real Estate Index	0.0	1.2	1.2	-1.8	4.9	6.4
S&P Real Assets Equity Total Return Index	1.2	14.5	14.5	8.5	7.1	6.4
<b>Diversifying Strategies</b>						
HFRI Fund of Funds Index	3.2	10.5	10.5	8.6	5.2	4.9
HFRI Fund Weighted Composite Index	2.9	12.6	12.6	10.2	7.1	6.6
HFRI FOF: Conservative Index	3.0	8.8	8.8	6.9	5.6	4.6
HFRI Event Driven	2.2	11.0	11.0	10.4	7.6	7.0
HFRI Relative Value Total Index	1.4	7.5	7.5	7.7	5.9	5.3
HFRI Macro Index	3.6	7.2	7.2	4.0	5.7	3.9
<b>Other</b>						
Consumer Price Index - U.S.	0.5	2.6	2.6	2.9	4.5	3.2
U.S. Dollar Index	0.6	-9.4	-9.4	-1.7	1.8	-0.1

\* For indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

# City of Grosse Pointe Woods Employees Retirement System

## Benchmark Composition Summary

### Target Weighted Index

Since Inception	Weight
Russell 1000 Index	15.00%
Russell Midcap Index	4.00%
Russell 2000 Index	6.00%
MSCI EAFE Index	10.00%
MSCI Small Cap EAFE Index	5.00%
MSCI Emerging Markets Index	12.00%
Bloomberg U.S. Aggregate Index	20.00%
HFRI Equity Hedge Index	5.00%
U.S. 91-Day Treasury Bills	1.00%
Bloomberg Commodity Index Total Return	3.00%
FTSE NAREIT All Equity Index	3.00%
HFRI FOF: Conservative Index	10.00%
MSCI Frontier Markets Index	3.00%
S&P 500 Energy Sector Index	3.00%

November 30, 2018	Weight
Russell 1000 Index	23.00%
Russell Midcap Index	5.00%
Russell 2000 Index	7.00%
MSCI EAFE Index	10.00%
MSCI Small Cap EAFE Index	5.00%
MSCI Emerging Markets Index	10.00%
Bloomberg U.S. Aggregate Index	20.00%
U.S. 91-Day Treasury Bills	1.00%
Bloomberg Commodity Index Total Return	3.00%
FTSE NAREIT All Equity Index	3.00%
HFRI FOF: Conservative Index	10.00%
S&P 500 Energy Sector Index	3.00%

August 31, 2020	Weight
Russell 1000 Index	30.00%
Russell Midcap Index	5.00%
Russell 2000 Index	7.00%
MSCI EAFE Index	10.00%
MSCI Small Cap EAFE Index	5.00%
MSCI Emerging Markets Index	10.00%
Bloomberg U.S. Aggregate Index	20.00%
Alerian MLP Index	3.00%
FTSE NAREIT All Equity Index	3.00%
HFRI FOF: Conservative Index	7.00%

August 31, 2024	Weight
S&P Real Assets Equity Total Return Index	6.00%
Russell 1000 Index	37.00%
Russell Midcap Index	5.00%
Russell 2000 Index	7.00%
MSCI EAFE Index	10.00%
MSCI Small Cap EAFE Index	5.00%
MSCI Emerging Markets Index	5.00%
Bloomberg U.S. Aggregate Index	20.00%
HFRI FOF: Conservative Index	5.00%

### Actuarial Rate

Since Inception	Weight
7.75% Absolute Return	100.00%

August 31, 2020	Weight
7.5% Absolute Return	100.00%

June 30, 2023	Weight
7.4% Absolute Return	100.00%

June 30, 2024	Weight
7.3% Absolute Return	100.00%

June 30, 2025	Weight
7.2% Absolute Return	100.00%

### FTSE NAREIT All Equity Index

Since Inception	Weight
MSCI U.S. REIT Index	100.00%

February 29, 2024	Weight
FTSE NAREIT All Equity Index	100.00%

# Insights from FEG

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*Monthly data points and comments across key areas of the market*

### **Market Perspectives**

*Brief commentary and analysis on timely market events and trends*

### **Capital Markets Assumptions**

*Annual update to long-term return expectations*

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*Thematic and asset class specific practice management presentations*

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## Definitions

**Alpha** – Measures how well a portfolio performed versus its benchmark after factoring in the amount of risk (as measured by beta) taken. Technically, alpha is the difference between the excess return of a portfolio and the excess return of the benchmark multiplied by beta. Excess return is simply the actual return minus the return of the risk-free asset, U.S. Treasury Bill. A positive alpha indicates the portfolio has performed better than the benchmark on a risk-adjusted basis.

**Annual Standard Deviation** – A measure of variability in returns. The annual standard deviation measures the dispersion of annual returns around the average annualized return.

**Beta** – A coefficient measuring a portfolio's relative volatility with respect to its market. Technically, beta is the covariance of a portfolio's return with the benchmark portfolio's return divided by the variance of the benchmark portfolio's return. Thus, a portfolio with a beta greater than 1.00, indicates the portfolio experienced greater volatility than the benchmark, whereas a portfolio with a beta less than 1.00, indicates the portfolio experienced less volatility than the benchmark.

**Consumer Price Index** – Measures the change in consumer prices, as determined by a monthly survey of the U.S. Bureau of Labor Statistics. CPI components include housing costs, food, transportation and electricity.

**Duration** – A measure of the price sensitivity of a bond or bond portfolio to a change in interest rates.

**Information Ratio** – Describes the risk / reward trade-off of alpha and tracking error. Because the formula for calculating information ratio is Alpha divided by Tracking Error, the larger the information ratio, the more attractive the portfolio is from an overall risk return profile.

**Max Drawdown** – The maximum loss incurred by a portfolio during a specified time period.

**R<sup>2</sup>** – Also called the coefficient of determination. On the detail page, R<sup>2</sup> measures how much of the variation in the investment manager's returns can be explained by movements in the market (benchmark).

**Sharpe Ratio** – A risk-adjusted measure calculated using standard deviation and excess return to determine reward per unit of risk. The higher the Sharpe ratio, the better the manager's historical risk-adjusted performance.

**Tracking Error** – A measure that describes the volatility of the expected excess return (alpha) achieved through active management. Since excess return can only be achieved through a portfolio that actively differs from the benchmark, the level of tracking error is indicative of how different the portfolio will perform relative to any given benchmark.

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# Cautious Optimism

Perspectives on the Economy and Markets

Fourth Quarter 2025

Recent market performance has been exceptional by historical standards, with the past decade and a half delivering returns that have far exceeded long-term averages. Yet, as history reminds us, markets are cyclical and mean-reverting.

Today's environment is defined by a growing divergence beneath the surface. While headline economic data and equity indices suggest resilience, this K-shaped economy reflects a labor market that is cooling without collapsing, inflation that continues to pressure lower-income consumers, and a wealth effect that keeps higher earners resilient.

Running through nearly every aspect of the current market narrative is artificial intelligence. AI has rapidly progressed from concept to large-scale deployment, reshaping corporate investment, capital markets activity, and equity leadership. The excitement surrounding AI has been justified by real earnings growth and profitability, but it has also contributed to elevated valuations, heightened concentration, and rising expectations.

*In this environment, we believe investors should approach markets with cautious optimism—recognizing both the opportunities created by innovation and the risks that accompany expensive markets, disparate economic conditions, and ever-present uncertainty.*

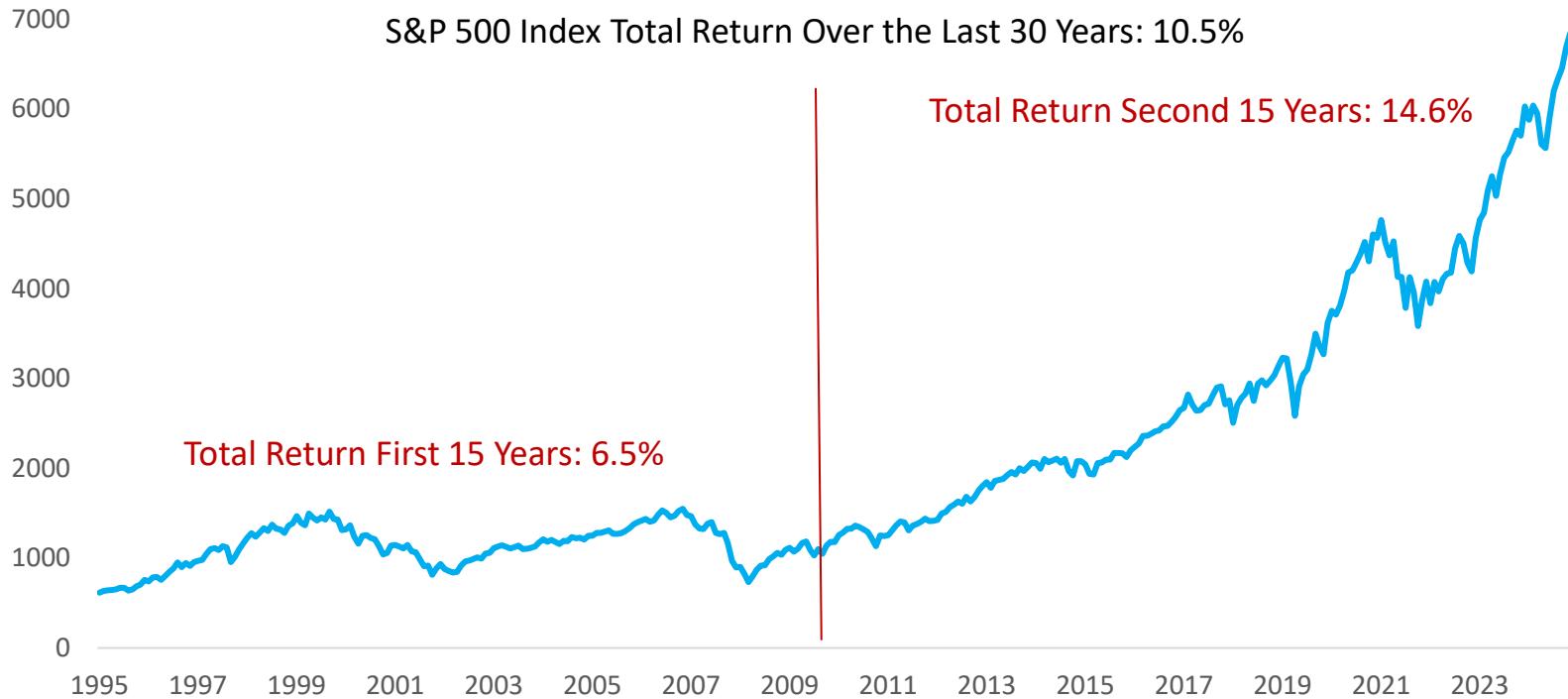


Source: Created with OpenAI

- Performance over the past 15 years has been exceptional, with recent performance driven by the AI narrative.
- The long-term annualized total return of the U.S. equity market (S&P 500 Index) has been approximately 11%, but that is an average.
- Markets are mean-reverting, and given valuations at historically extreme levels, performance over the next 15 years may not resemble the last 15 years.

## NOT EVERY LONG-TERM PERIOD PROVIDES DOUBLE-DIGIT RETURNS

S&P 500 Index, Price Level, as of October 2025



Data Source: FactSet

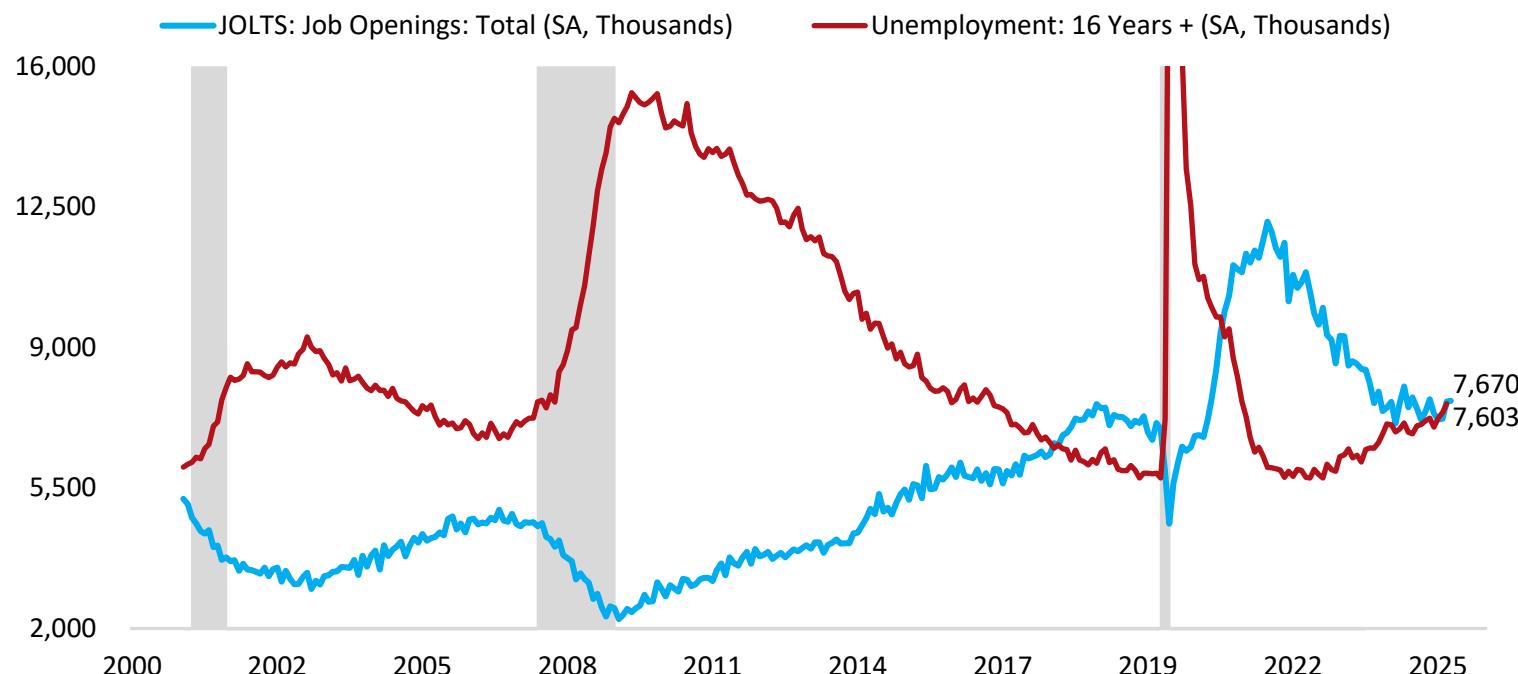
# THE K-SHAPED ECONOMY

## Labor Market Weakening

- The labor market has experienced some dramatic shifts following the pandemic, and the former glut of open opportunities is now a dearth of hiring, but fortunately, mass layoffs have not materialized.
- Employers who struggled to fill roles in recent years have been hesitant to let employees go, but limiting plans for additional hiring is a much easier decision.
- This change has led to lower wage growth and fewer opportunities for new entrants to the job market, providing a supporting influence to further Federal Reserve (Fed) easing.

### NO LONGER AN EXCESS OF JOBS WITH OPENINGS EQUAL TO THE TOTAL UNEMPLOYED

JOLTS Job Openings vs Total Unemployed

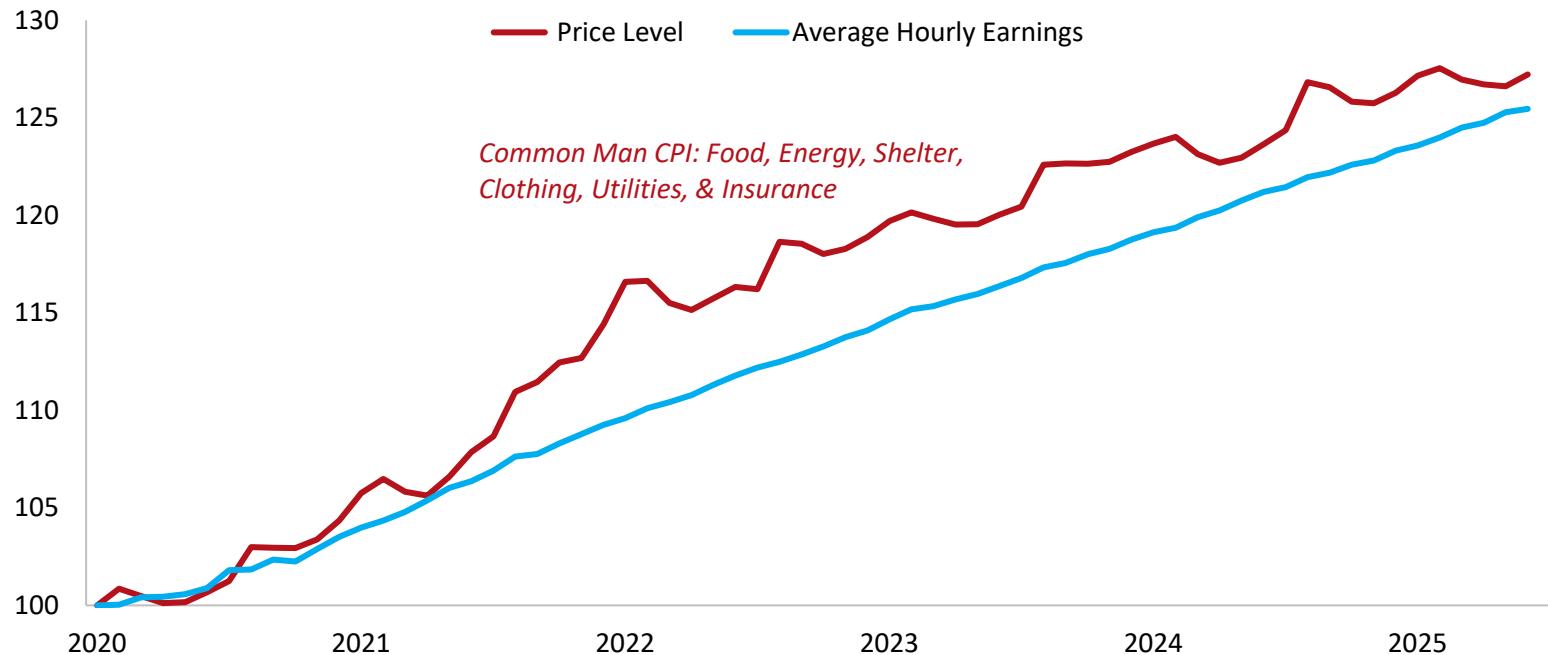


Data Source: Strategas, NBER, BLS, September & October 2025

- Waning inflation continues to run above the Fed's target of 2%, particularly in non-discretionary items, pressuring affordability for consumers, most heavily in the lower income segments.
- The top 10% of earners are responsible for almost 50% of consumption, and should the markets decline substantially, the hit to the wealth effect may push those consumers to spend less.
- Tariffs have already begun to exacerbate pricing pressures, which may limit disinflation, and as companies manage price increases, profit margins may be strained.

## CONSUMERS CONTINUE TO FACE AFFORDABILITY ISSUES

Strategas' Common Man CPI vs. Hourly Earnings, Indexed to 100, June 2020

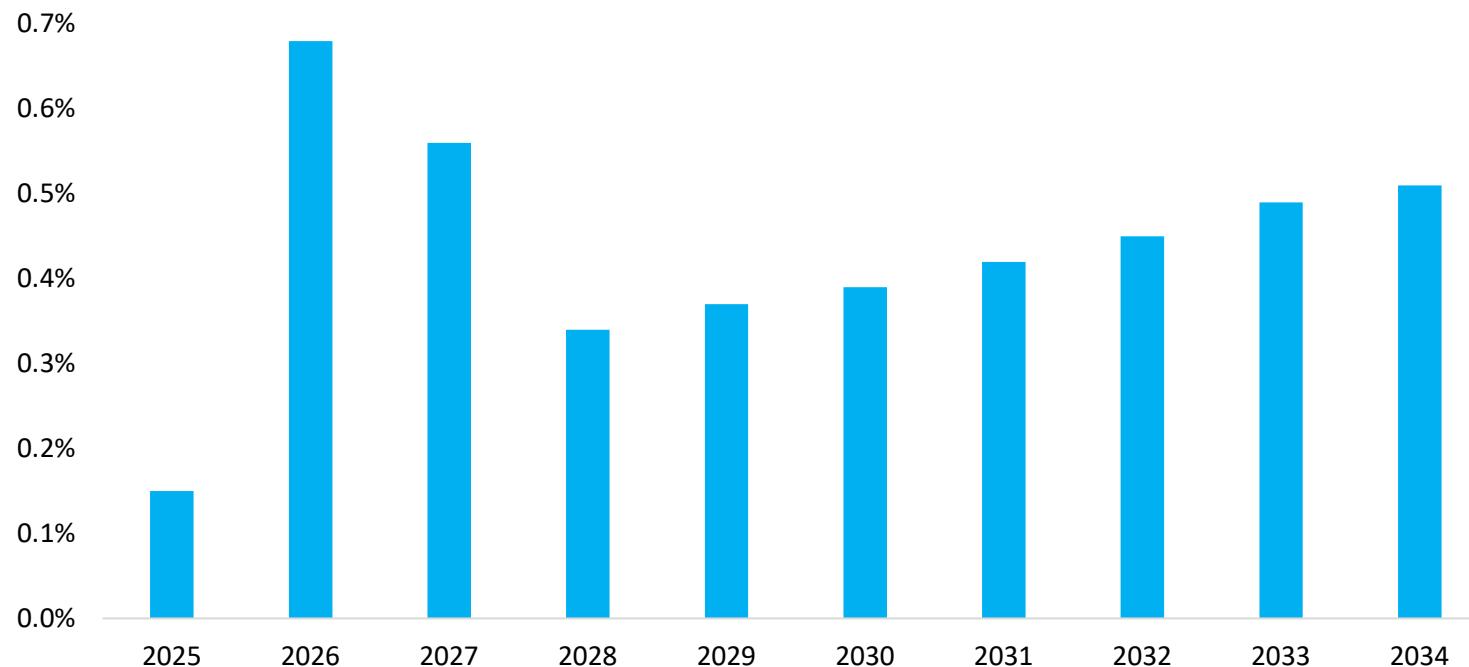


Data Sources: Strategas, BLS, Haver

- More monetary easing is expected by both the markets and the Federal Open Market Committee this year, and with a new Fed Chair, the most likely path for the Fed's target rate is lower.
- Last year's passage of the One Big Beautiful Bill Act (OBBA) will provide additional stimulus to the economy in 2026, in addition to the U.S. hosting the World Cup and the 250<sup>th</sup> Anniversary of the signing of the Declaration of Independence.
- The offsetting downside to the stimulus is the continued growth of the U.S. federal debt.

## THE ECONOMIC BOOST OF THE ONE BIG BEAUTIFUL BILL ACT IS HEAVILY FRONTLOADED

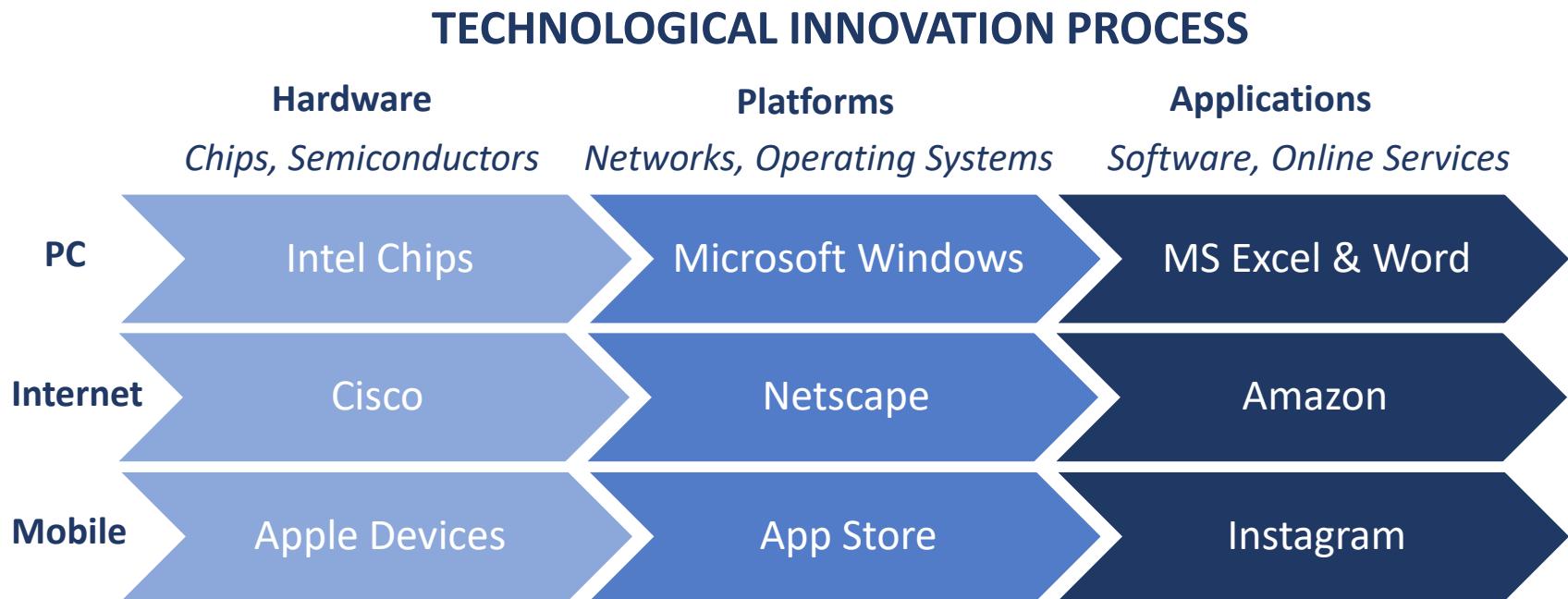
OBBA Projected Impact on GDP Growth



Data Sources: Joint Committee on Taxation, Congressional Budget Office, Tax Policy Center

# AI'S EXUBERANCE

- Technological innovation typically progresses from hardware to platforms to applications, with each layer enabling the next.
- Hardware breakthroughs create the foundation for dominant platforms, which in turn support scalable, high-value applications. AI has grown substantially with hardware innovations and has entered the platform phase.
- Over time, economic value and investment opportunity tend to migrate from hardware providers to platform owners and ultimately to application developers.

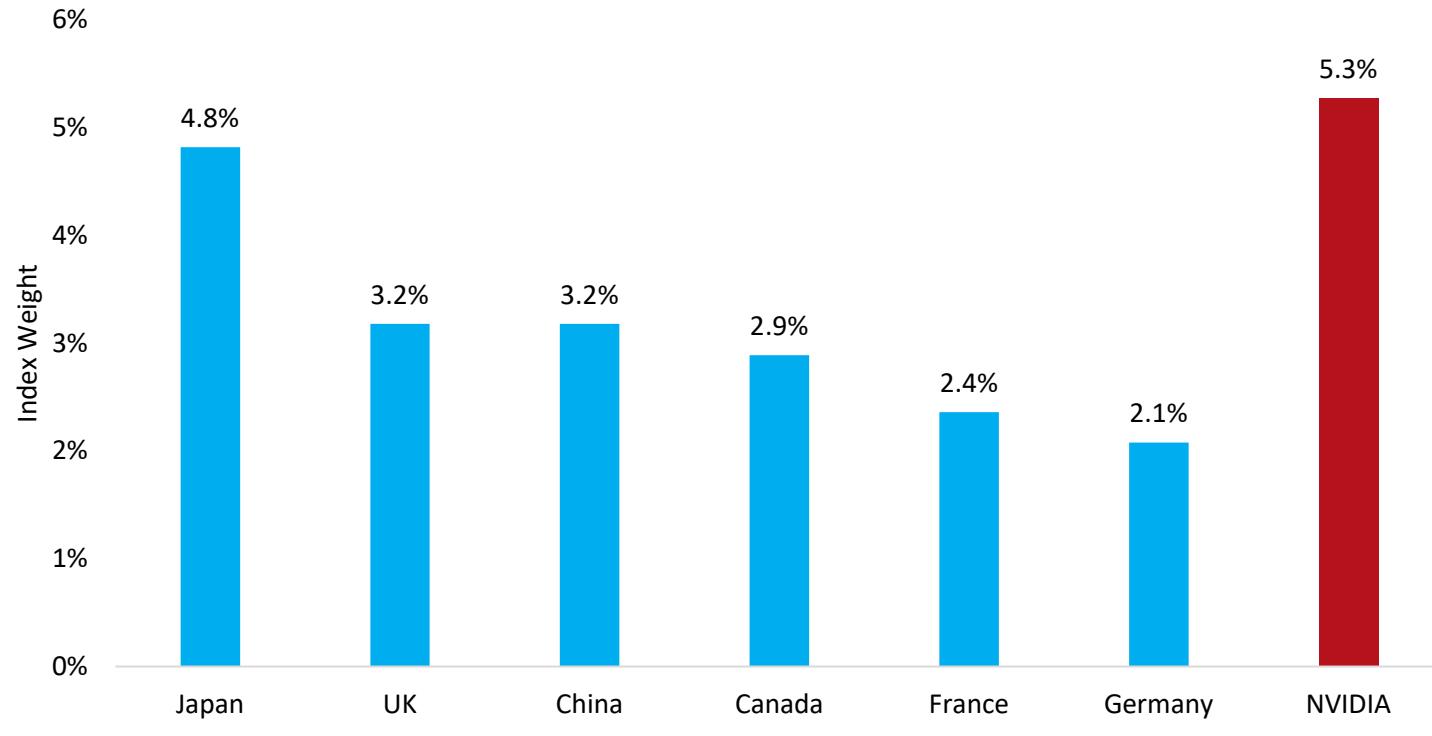


Source: FEG

- The topic of AI is permeating every market discussion, as the technological innovation has moved quickly from idea to implementation.
- The growth has been the primary equity market performance driver and created substantial market concentration, with the top 10 stocks comprising 40% of the S&P 500 Index.
- By itself, NVIDIA is now a larger weight in the MSCI ACWI than most developed nations.

## NVIDIA WOULD BE THE SECOND LARGEST COUNTRY IN THE MSCI ACWI IF IT WERE A COUNTRY

Weight of Developed Countries and NVIDIA in the MSCI All Country World Index (ACWI)



Data Source: MSCI

- Whether AI has created a market bubble will only be known with hindsight. What is known is that, by almost all measures, equities are expensive.
- Comparisons to the Technology Bubble are warranted, but not all measures match the exuberance of that time.
- While the valuation multiples expanded meaningfully, today's tech sector is more mature and profitable, suggesting less speculative excess.
- Despite strong fundamentals, elevated valuations are likely to weigh on long-term returns without exceptional earnings growth.

## U.S. EQUITIES ARE EXPENSIVE, AND BY SOME MEASURES, ARE ON PAR WITH THOSE OF THE TECHNOLOGY BUBBLE

S&P 500 Index, Price-to-Earnings Ratio, Next 12-Months



Data Source: FactSet

## STRONG EARNINGS EXPECTATIONS MEAN AN ELEVATED BUT NOT ASTRONOMICAL VALUATION FOR THE LARGEST NASDAQ COMPANIES

NASDAQ 100 Index, Price-to-Earnings Ratio, Next 12-Months

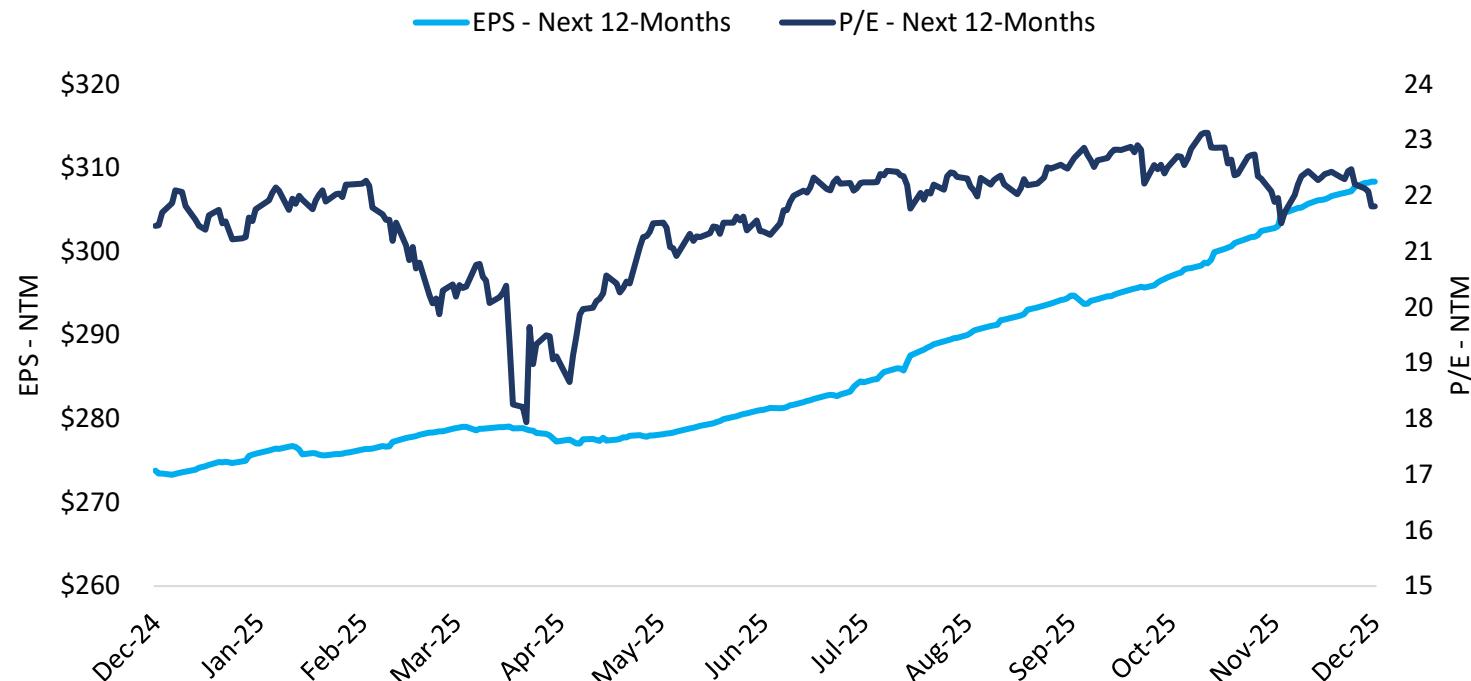


Data Source: FactSet

- Last year, aside from the April trough, valuations held somewhat steady as expectations for earnings growth continued to grow, providing substantial market gains.
- With valuations already at historically high levels, further equity appreciation would likely have to be driven by continued earnings growth rather than increases in valuation multiples.

## EARNINGS CONTINUED GROWTH IS IMPERATIVE IN AN EXPENSIVE MARKET

S&P 500 Index, Price-to-Earnings and Earnings-Per-Share, Next Twelve Months (NTM)



Data Source: FactSet

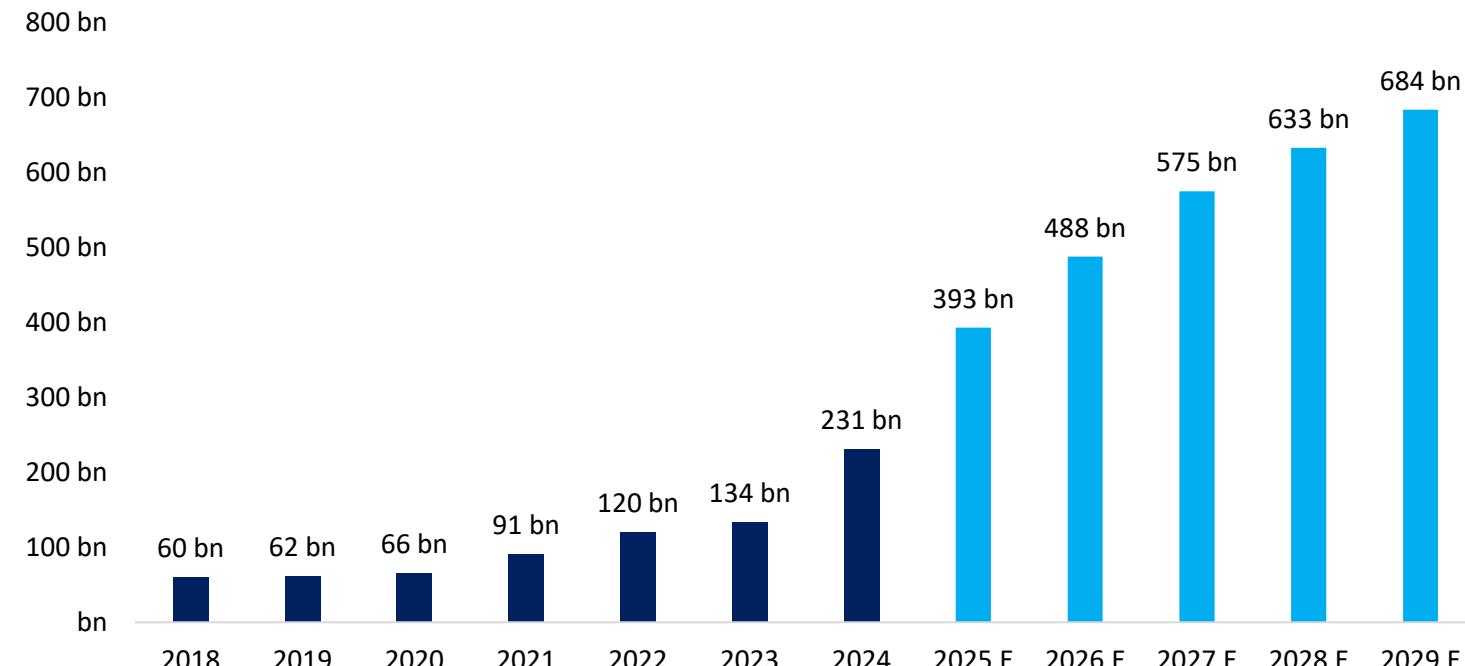


# FUNDING THE TECHNOLOGICAL WAVE

- Businesses cannot grow without funding that growth through capital expenditures.
- Today's AI build-out is being driven by established tech giants deploying large amounts of internally generated cash toward core competitive infrastructure.
- This wave of investment reflects strategic necessity; leading platforms view compute, data centers, and AI capabilities as foundational assets required to maintain long-term market leadership.

## HYPERSCALERS ARE IN AN ARMS RACE TO BUILD THEIR CAPABILITIES

Hyperscaler Capital Expenditures (Capex)



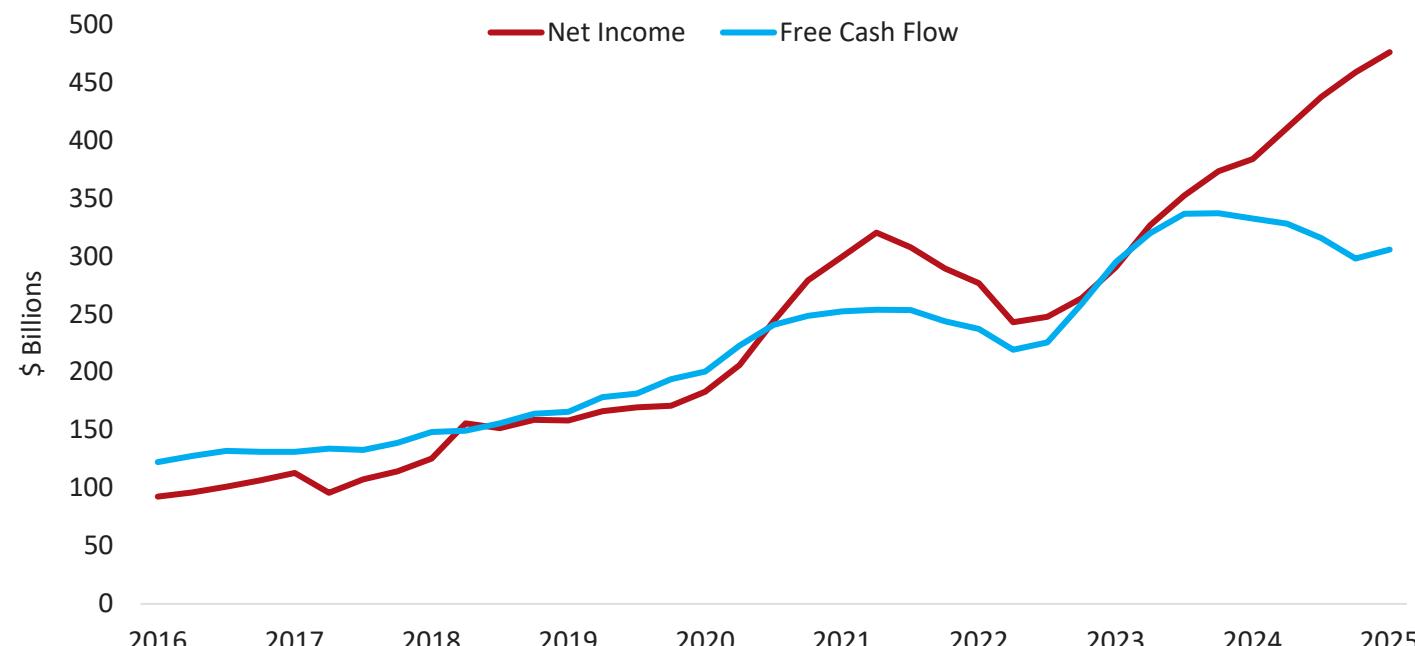
Data sources: Industry research and company filings compiled by UBS, Citigroup, Dell'Oro Group, and Synergy Research Group.

Data as of 09/30/2025. "E" represents market estimates/projections and not actual results.

- Leading U.S. technology companies are highly profitable, and this strength allows them to increase capital expenditures to fund continued growth.
- Semiconductor companies are reinvesting about 60% of their distributable capital into R&D and capacity, double the level eight years ago and growing nearly 10% annually,<sup>1</sup> with much of today's capex cycle funded by internally generated cash flow.
- Gradually declining hyperscaler free cash flow margins and waning cash balances are signs that profitability on AI investments may be needed sooner than later for current valuations to be sustained.

### LEADING U.S. TECHNOLOGY FIRMS HAVE AMPLE INCOME AND CASH FLOW FOR INVESTMENT

Net Income and Free Cash Flow, Four Quarter Rolling Totals, for Alphabet, Amazon, Apple, Meta, and Microsoft



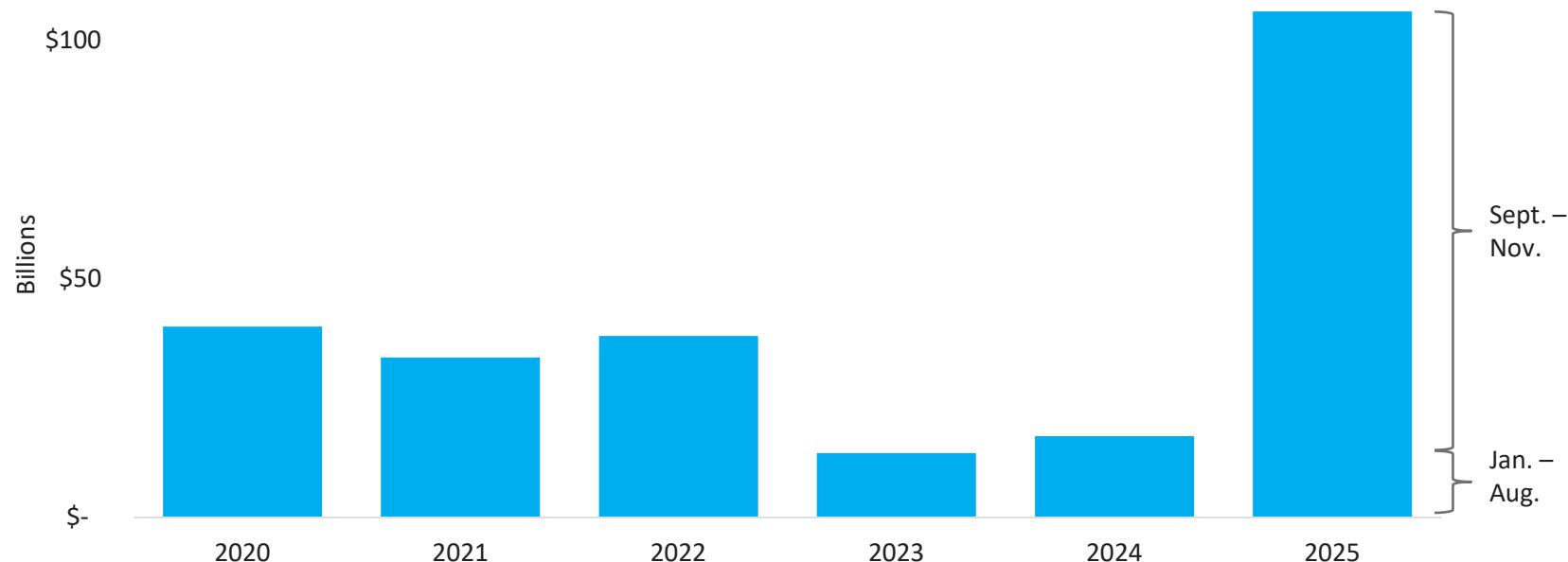
Data Source: FactSet

<sup>1</sup> VanEck, 2025

- In late 2025, large U.S. technology companies tied to AI dramatically increased bond issuance, surpassing prior years and signaling an aggressive acceleration in capital spending tied to AI infrastructure.
- The surge in issuance reflects a shift toward debt-funded investment, even among highly profitable firms, suggesting confidence that long-term AI-related returns will exceed current financing costs.
- This behavior is consistent with prior major technology investment cycles where firms front-loaded capital spending well ahead of realized productivity or revenue gains. In the near term, this supports economic activity and earnings growth for AI-adjacent sectors, while increasing execution risk.

## TECHNOLOGY COMPANIES ARE NOW USING THE DEBT MARKETS

Bond Issuance by Large AI Technology Companies, \$Billions



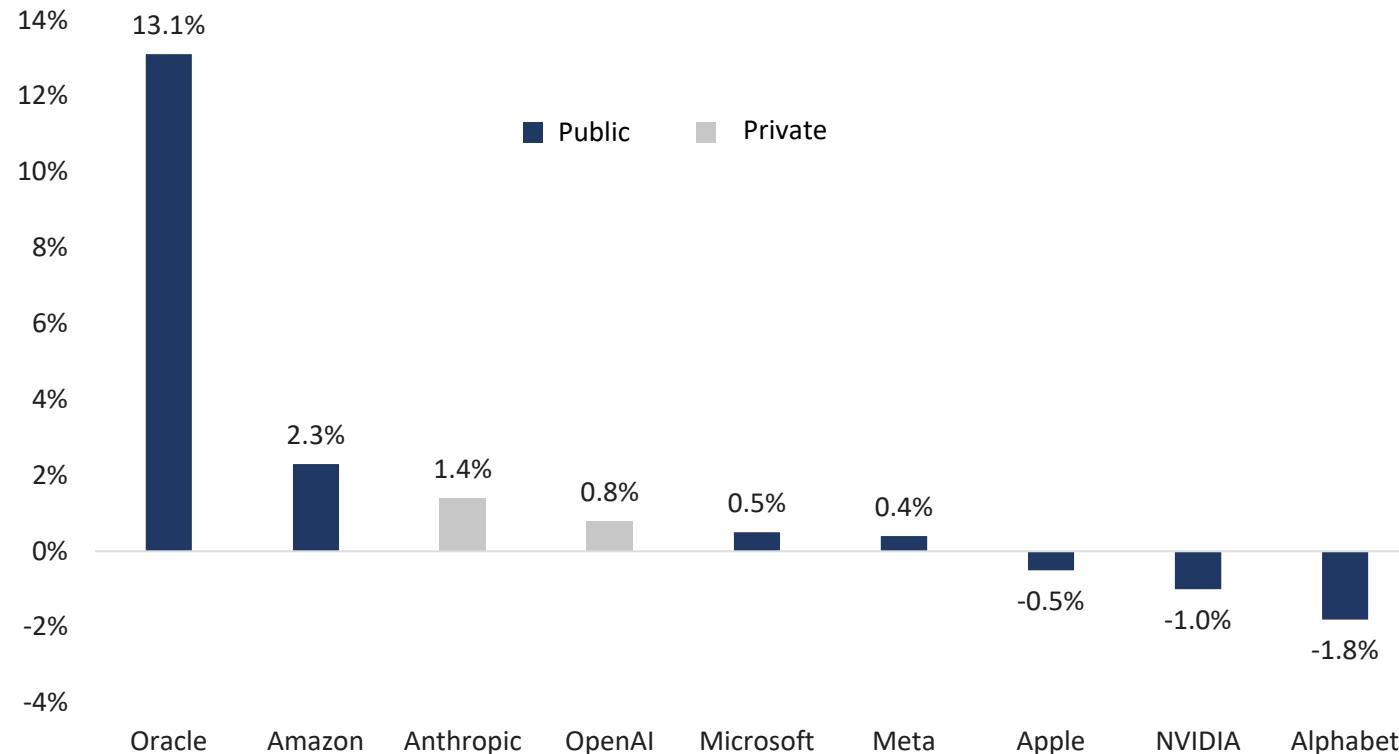
Data Sources: Bank of America & Wall Street Journal

Note: Data include Alphabet, Amazon, Meta, Microsoft, and Oracle through November 2025

- Generally speaking, using some debt to finance a company's capital structure is optimal.
- The hyperscaler's increased use of debt to fund capex has garnered attention. Still, the amount of capex financed by debt pales in comparison to the technology bubble and is broadly at very healthy levels.
- Oracle is a key exception, with substantial use of debt that prompted recent concerns and sent the stock down heavily.

## AI LEADERS HAVE STRONG BALANCE SHEETS AND CONSERVATIVE DEBT LEVELS

Public and Private Company Debt to Enterprise Value, Percentage



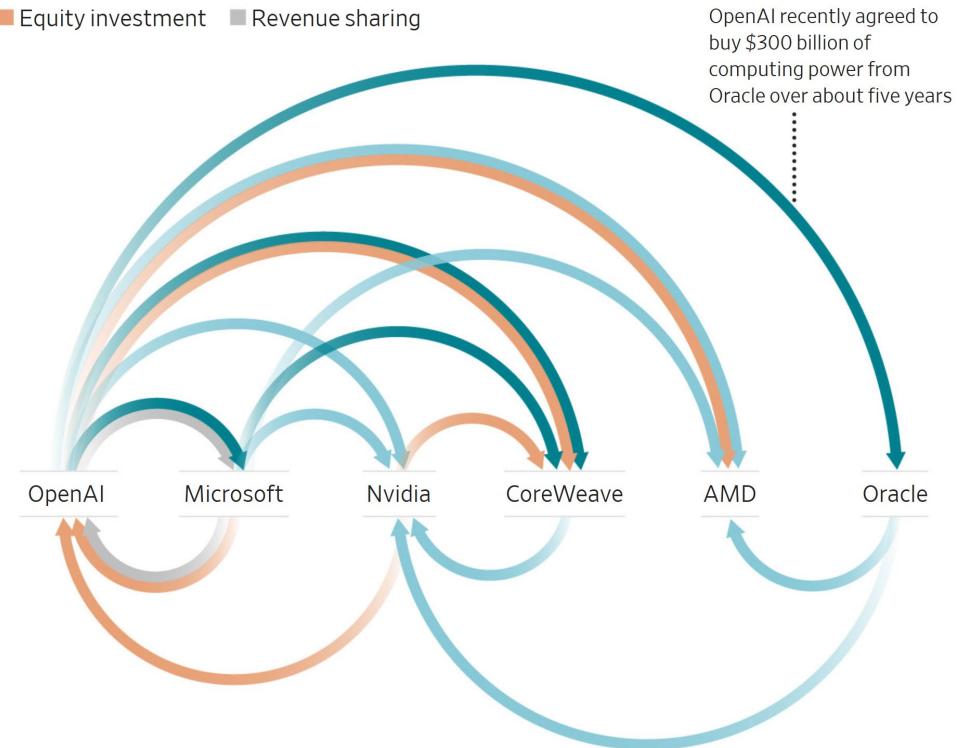
Data Sources: Bloomberg L.P., J.P. Morgan Global Research, J.P. Morgan Asset Management

- Circularity of business relationships among some of the most prominent AI-related names has triggered concerns around vendor financing that impacted companies during the technology bubble.
- The highly profitable companies' ability to provide capital amid the race to build the AI infrastructure and preferential access to AI models have spurred equity investments, revenue sharing, compute capacity contracts, joint ventures, etc.
- Today's deals are not strictly vendor financing, but the equity investments and other deals appear circular.
- These deals can provide substantial upside if successful, but may be problematic if OpenAI, CoreWeave, and others cannot generate strong cash flows.

## CIRCULAR BUSINESS DEALINGS AMONG AI COMPANIES ARE GARNERING ATTENTION

Select Capital Flows Among Six AI-Industry Companies

■ Chip purchases ■ Infrastructure purchases and rentals  
■ Equity investment ■ Revenue sharing



Sources: Morgan Stanley and The Wall Street Journal

Note: Some chip purchases are through intermediaries. Some investments and other arrangements subject to conditions.

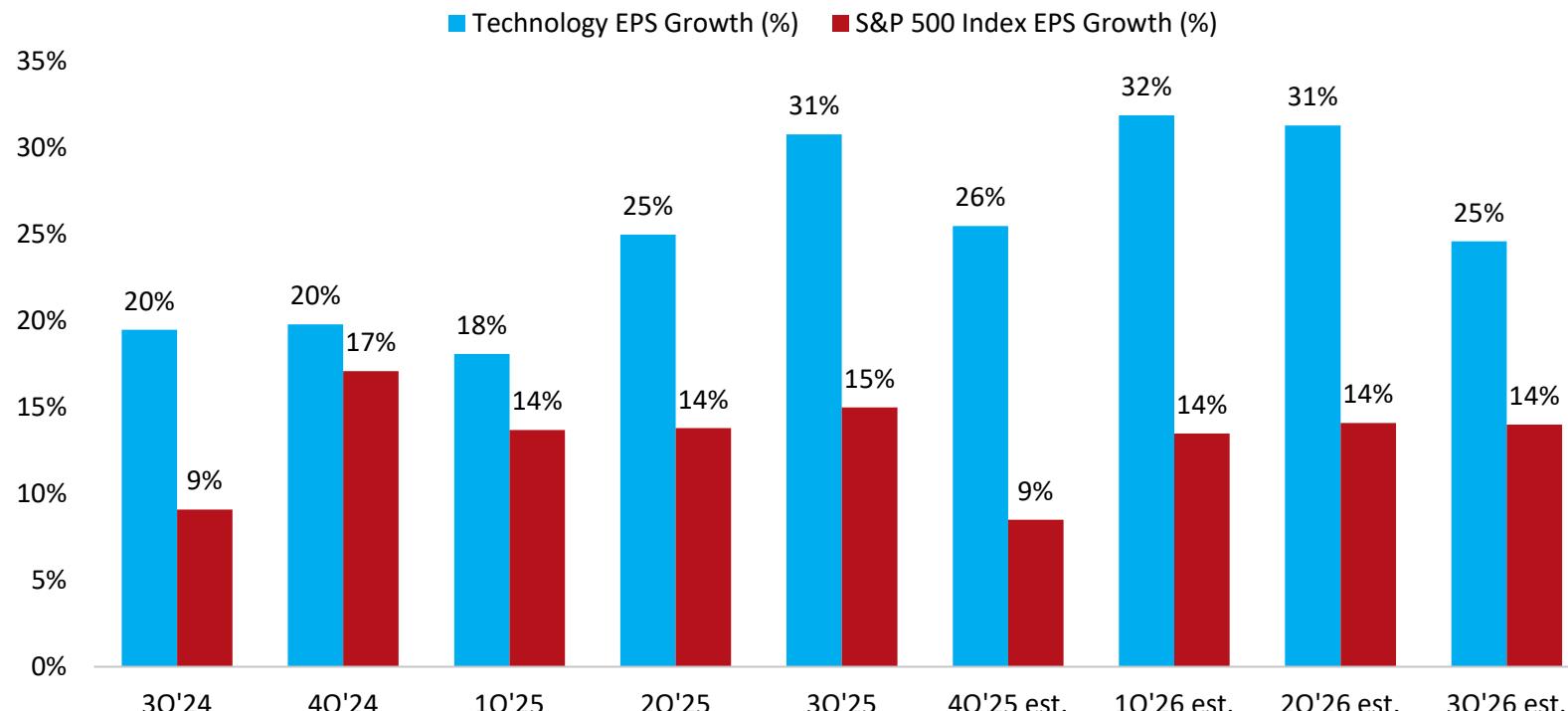


INVESTING IN THE GROWTH

- Technology earnings growth materially outpaces the broader market, estimates consistently running about double S&P 500 index levels through 2025–26, underscoring AI as a primary profit driver.
- Although the earnings growth of the Magnificent 7 is expected to converge with the rest of the S&P 500 Index, the persistence of the tech sector's earnings growth suggests profitability is broad.
- Whether the investment in AI infrastructure translates into further earnings growth will likely be a key driver of markets.

## TECHNOLOGY EARNINGS GROWTH IS PARTICULARLY STRONG

S&P 500 Information Technology vs S&P 500 Index Estimated EPS Growth

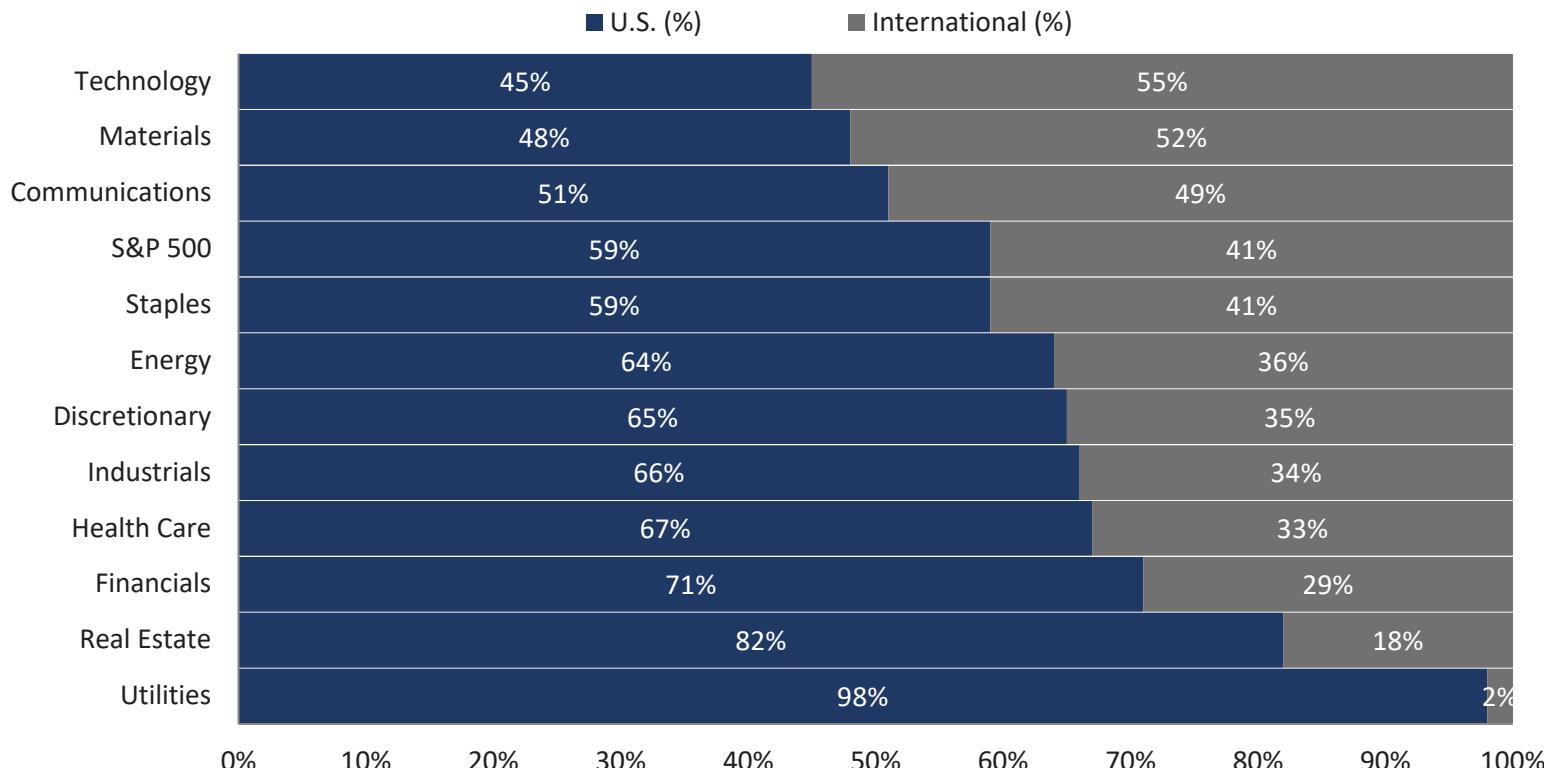


Data Sources: LSEG I/B/E/S, Data as of November 30, 2025

- The S&P 500 Technology sector has the highest share of international revenues among all GICS sectors (approximately 55%), making it uniquely sensitive to currency movements relative to more domestically oriented sectors.
- A weaker U.S. dollar (DXY) boosts reported revenues and earnings for U.S. technology companies with large non-U.S. sales by increasing the dollar value of foreign-currency revenues.

## TECHNOLOGY HAS THE HIGHEST SHARE OF REVENUE FROM OVERSEAS OF ALL GICS SECTORS

S&P 500 Index GICS Sector Geographic Revenue Origins

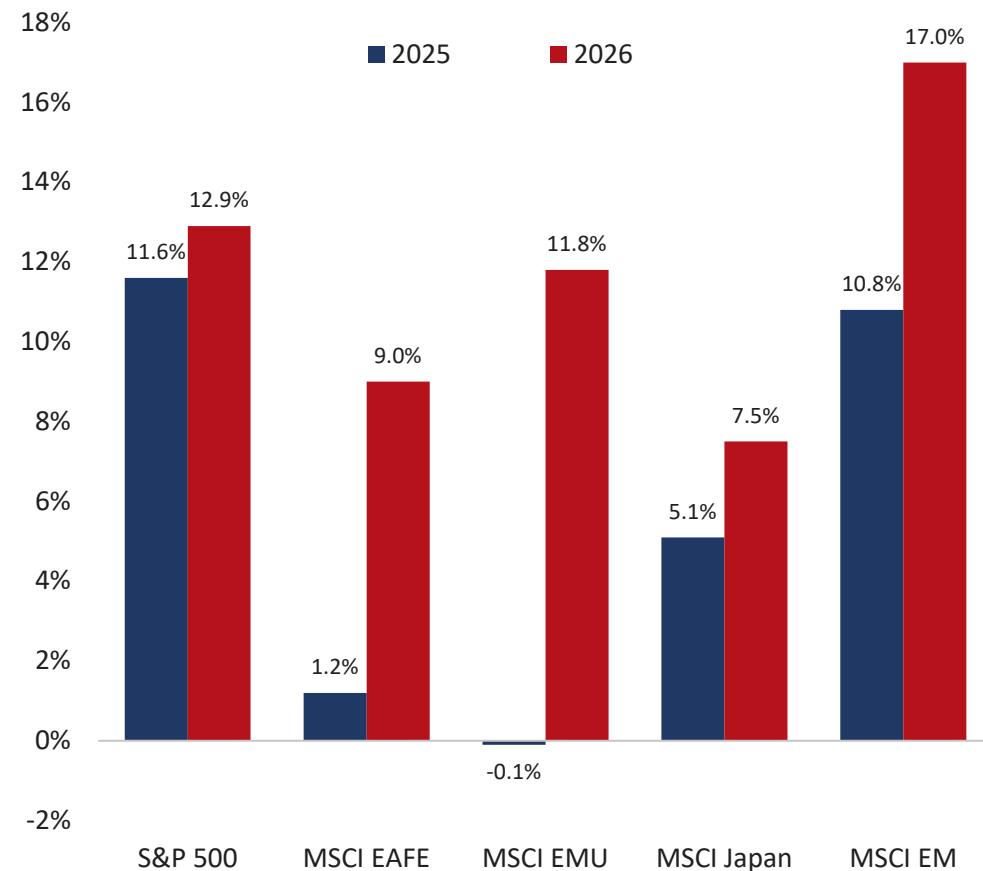


Data Sources: FactSet, Strategas

- Consensus estimates indicate international equity earnings growth is expected to accelerate in 2026, narrowing the gap with the S&P 500 and potentially surpassing U.S. growth rates in emerging markets.
- Increased defense spending and stimulative policies may help boost earnings in Europe and Asia.
- Emerging markets in Asia, particularly Taiwan and Korea, benefit from the global AI build-out by supplying semiconductors, capital equipment, and energy infrastructure that support AI data centers and compute expansion.

## ESTIMATES INDICATE INTERNATIONAL EARNINGS GROWTH MAY CATCH UP WITH THE S&P 500

S&P 500 Index and MSCI Indices Earnings Growth Estimates, 2025 & 2026



Data Sources: Bloomberg L.P. and Charles Schwab, as of November 30, 2025  
 MSCI EMU is the European Economic and Monetary Union

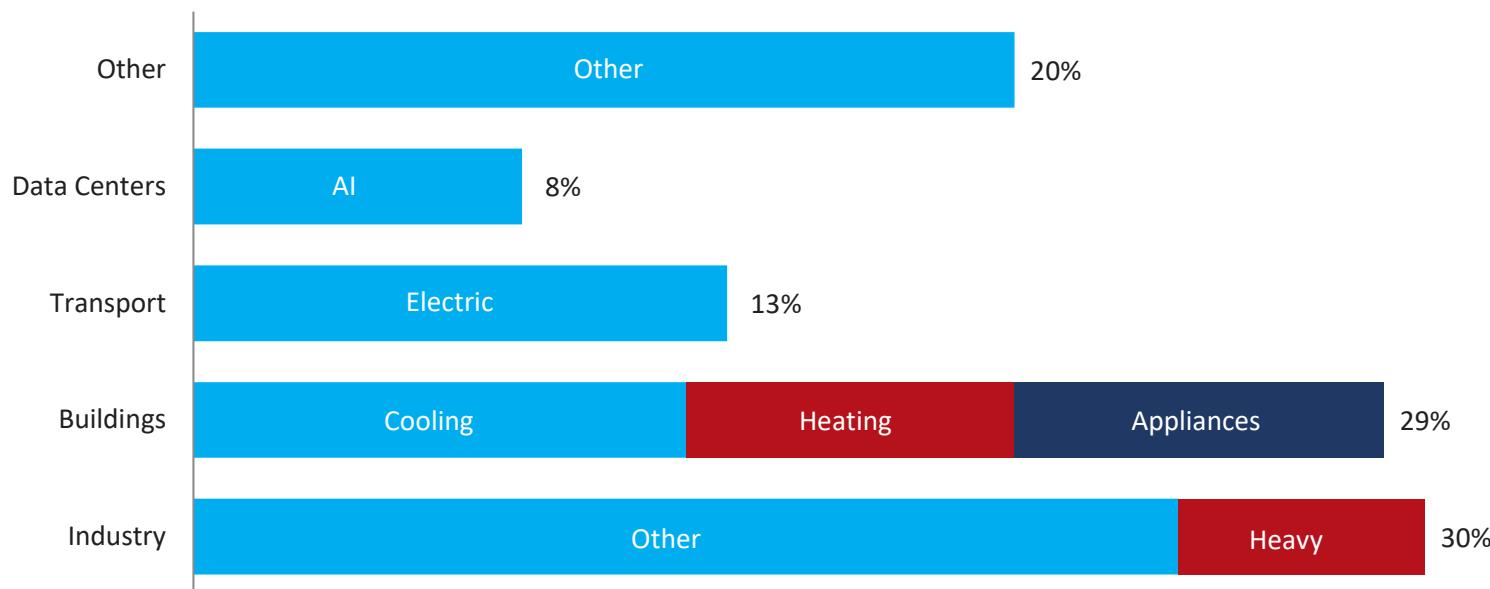


POWERING AND LENDING TO AI

- In the U.S., energy demand growth is primarily driven by data centers. Still, global electricity demand growth is broad-based and not exclusive to AI, indicating a daunting increase in global demand.
- Construction spending on electric power was relatively stagnant for much of the last decade until increasing substantially in just the last few years. The demand for new gas turbines and other industrial equipment to support growing energy needs is so strong that the lead time for this equipment exceeds three years.
- The ability to meet the power needs of AI-related companies may be a substantial headwind to AI investment, translating into increased revenue across hardware, platforms, and applications.

## THE FORECASTED RISE IN GLOBAL ELECTRICITY DEMAND IS NOT ONLY BECAUSE OF DATA CENTERS

Share of Increase in Global Electricity Demand by Sector (2024 – 2030)

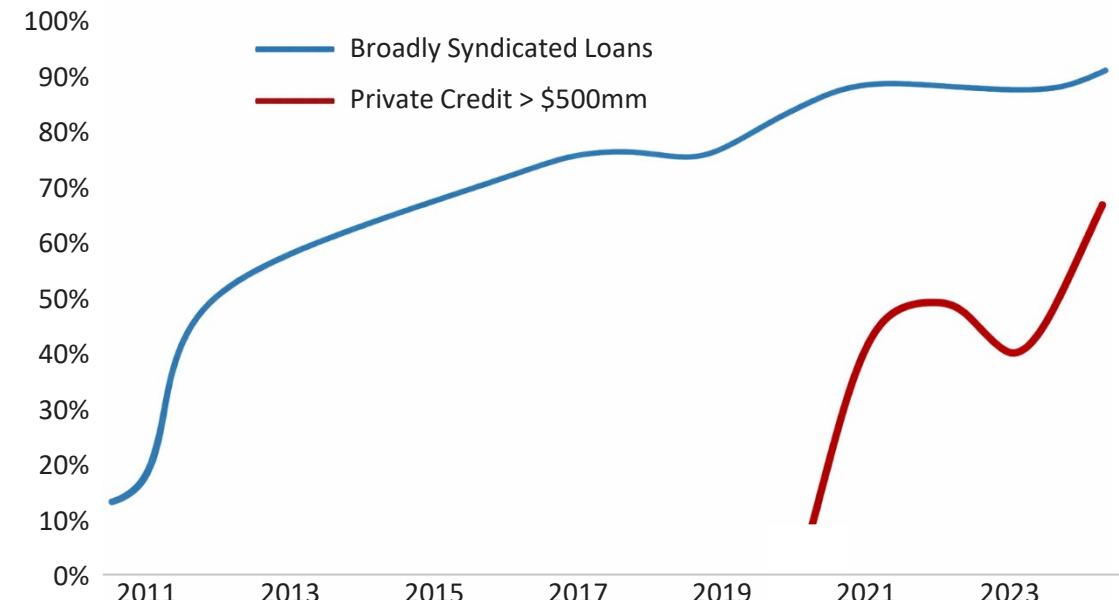


Data Sources: International Energy Agency

- Private credit lenders are financing the AI infrastructure build-out due to the ability to provide bespoke structuring in addition to funding other industries. To date, there are few signs of private credit distress.
- Covenant-lite structures have dominated new issuance in broadly syndicated loans for several years, indicating the risk of long-term erosion of lender protections in public leveraged loan markets. Large-ticket private credit deals (over \$500mm) have rapidly converged toward similar covenant-lite prevalence.
- If the K-shaped economy takes a downturn due to weakness in AI or other reasons, more conservative private credit lenders are likely to withstand any turmoil better than their less conservative peers.

## PRIVATE CREDIT HAS WITNESSED INCREASING COVENANT-LITE ISSUANCE

Covenant-lite Share of New Issue Loans, Percent



Sources: J.P. Morgan, Satori Insights, Kirkland & Ellis, BIS, Covenant Review, 2025

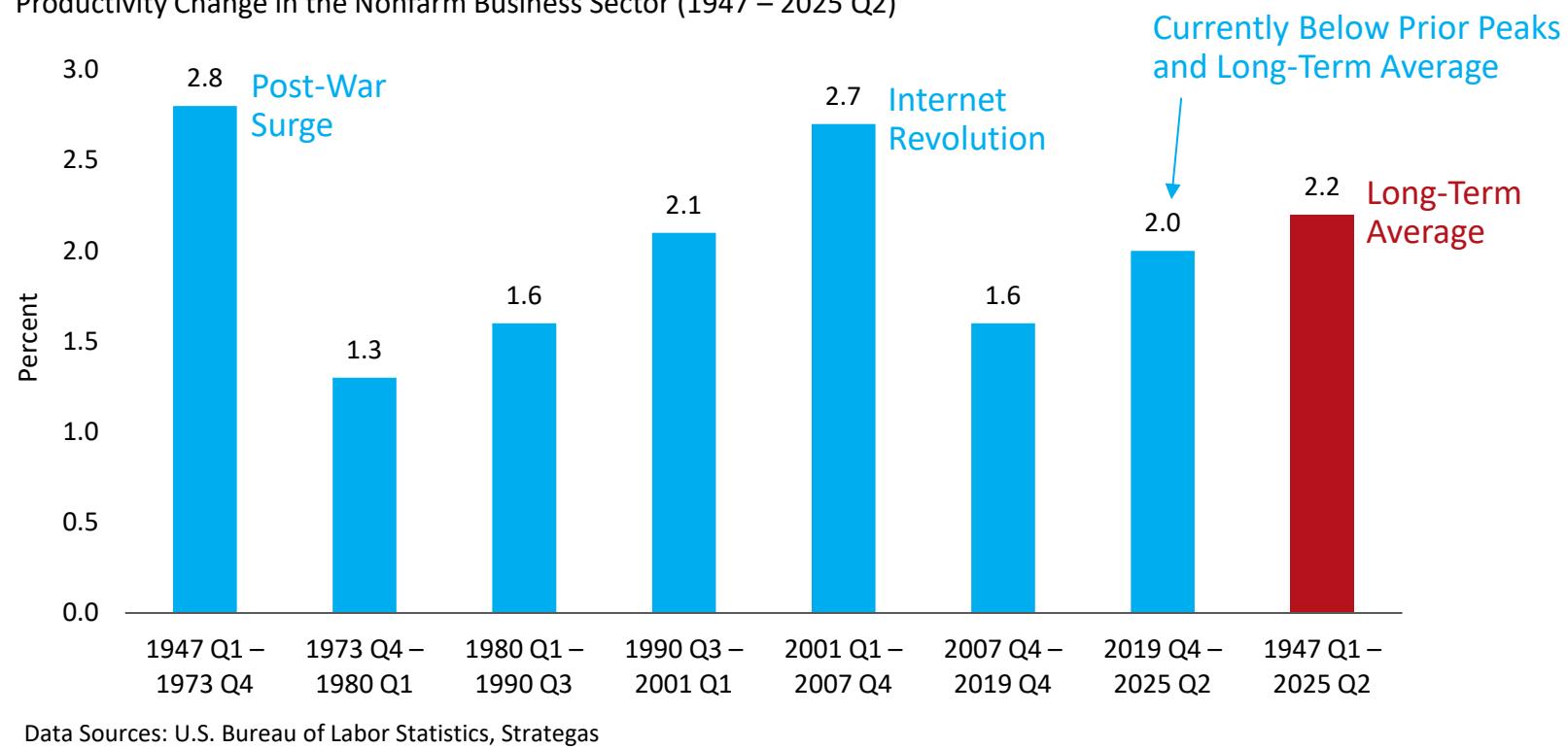


WILL AI BE PRODUCTIVE?

- U.S. productivity growth was sluggish during the post-GFC period through 2019 and is now closer to longer-term historical averages, but remains below the post-war and late-1990s/early-2000s peaks often associated with major technological adoption cycles.
- The recent acceleration in capital spending—particularly tied to AI infrastructure—raises the possibility that productivity gains may partially offset inflationary pressures stemming from fiscal expansion.
- Historically, sustained productivity improvements have been one of the few durable mechanisms for easing inflation without slowing growth.

## WILL AI SPUR THE HOPED FOR INCREASE IN PRODUCTIVITY?

Productivity Change in the Nonfarm Business Sector (1947 – 2025 Q2)



- The market narrative entering 2026 is neither one of unchecked optimism nor imminent decline. Corporate earnings—particularly within technology—remain strong, and substantial fiscal and monetary support is expected in the year ahead. At the same time, elevated valuations, growing market concentration, and softening economic conditions warrant a measured approach.
- Artificial intelligence sits at the center of this tension. The scale of investment underway is extraordinary, supported by strong balance sheets and strategic necessity rather than speculative excess alone. Yet, the sustainability of current valuations will increasingly depend on the ability of AI investments to translate into durable productivity gains and earnings growth. As history has shown, technological revolutions often deliver long-term benefits, but not without periods of volatility and reassessment of winners and losers.
- For investors, we believe the appropriate response is not reaction, but preparation. Periods of uncertainty have historically created opportunities for disciplined rebalancing and selective risk-taking. While short-term market outcomes remain unpredictable, maintaining a long-term perspective remains foundational.
- Cautious optimism acknowledges the promise of innovation without ignoring the lessons of history. In a K-shaped economy driven by AI, patience and discipline remain the most reliable advantages for investors.





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## FEG 2026 INVESTMENT FORUM

NOVEMBER 4-5, 2026

Omni PGA Frisco Resort & Spa • Dallas, Texas

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When Doves Cry:  
Anticipating the Fed's  
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December 1, 2025



The Gold Chameleon:  
Reflecting the Light of  
Monetary, Macro and Market

...  
November 13, 2025

Coming  
Soon

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Keith Berlin  
Director of Research, Global Fixed Income

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Past performance is not indicative of future results.

Index performance results do not represent any portfolio returns. An investor cannot invest directly in a presented index, as an investment vehicle replicating an index would be required. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

This presentation is prepared for informational purposes only. It does not address specific investment objectives, or the financial situation and the particular needs of any person who may receive this presentation.

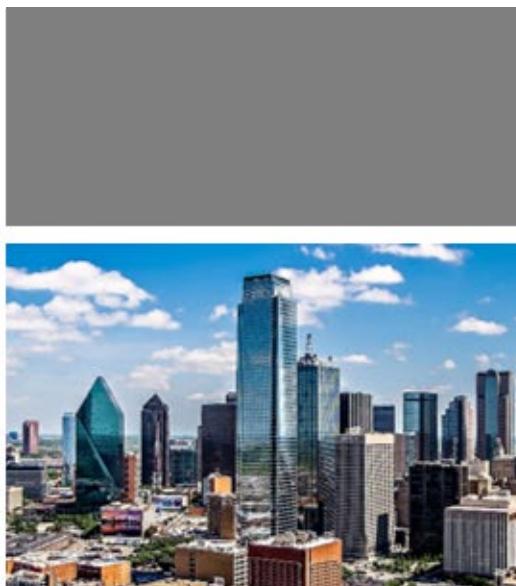
Any return expectations provided are not intended as, and must not be regarded as, a representation, warranty or predication that the investment will achieve any particular rate of return over any particular time-period or those investors will not incur losses.

The S&P 500 Index is a capitalization-weighted index of 500 stocks. The S&P 500 Index is designed to measure the performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

The MSCI EAFE (Europe, Australasia and the Far East) Index includes large- and mid cap companies in 21 developed markets, including France, Germany, Australia, and Japan. The MSCI EMU (European Economic and Monetary Union) Index captures large- and mid cap companies in 10 developed markets, including Austria, Belgium, France, Italy, and Spain. The MSCI Japan Index measures the performance of large- and mid cap companies in Japan. The MSCI EM (Emerging Markets) Index includes large- and mid cap companies in 24 countries, including Brazil, China, Mexico, and Taiwan.

Standard deviation is a measure of the dispersion of a set of data from its mean.

All data as of December 2025, unless otherwise specified.



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**F·E·G®**  
investment advisors

# Small Cap and International Update

January 2026

- 382 small cap strategies have reported 2025 performance as of 1/13/2026 (roughly 2/3 of the expected number of strategies)
- **22.3%** of small cap strategies outperformed their primary benchmark in 2025
- On average over the last 30 years, **59%** of small cap strategies outperformed their primary benchmark in each annual period
- The average underperformance in 2025 was **8.3% points**
- **Only 3 annual periods** in the last 30 years had an average underperformance greater than 8.3% points
- On average of the last 30 years, those strategies that underperformed lagged their primary benchmarks by **4.8% points**

- Typically, FEG's highest hit rates for active manager outperformance over 3 and 5-year periods are with small cap strategies
- Dramatic shift following the six-month period ending September 30, 2025
- Did FEG or the managers meaningfully change what we did to account for the worsening performance or did the market environment change?

#### Recommended Small Cap Hit Rate

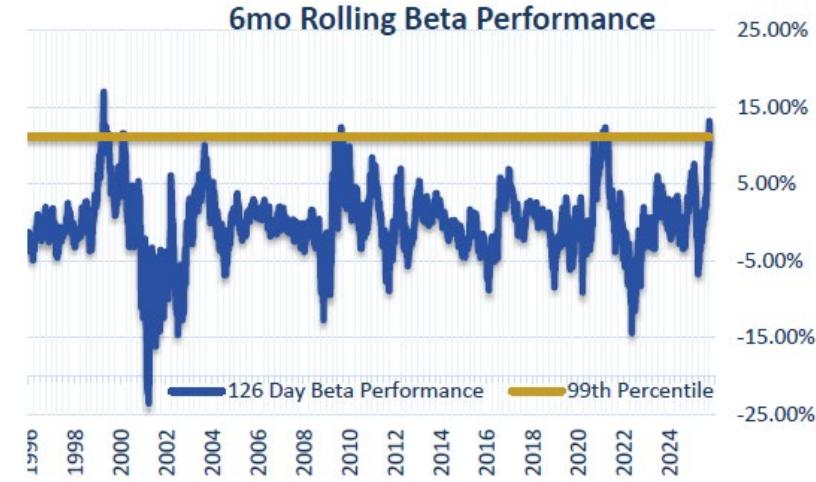
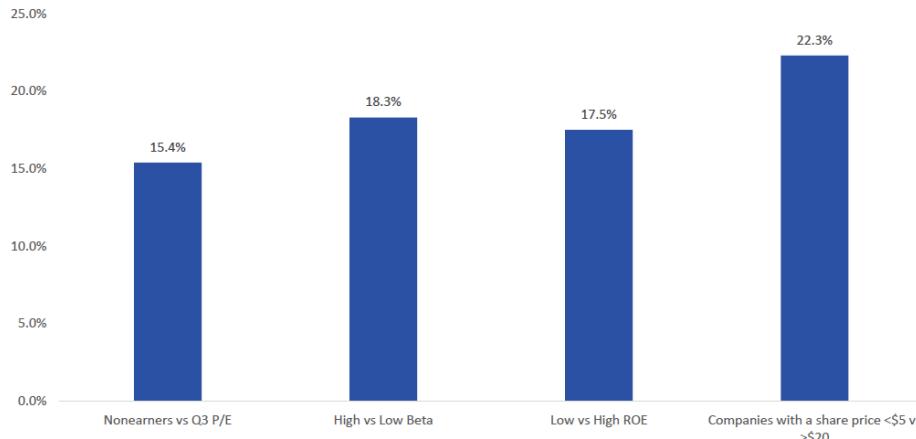
<u>Period Ending</u>	<u>3 year</u>	<u>5 year</u>
3Q25	42.37%	42.55%
1Q25	62.07%	62.22%
3Q24	54.24%	52.17%
1Q24	64.15%	64.44%
3Q23	53.57%	64.71%
1Q23	49.02%	60.87%
3Q22	56.60%	60.42%
1Q22	51.92%	55.56%

# Small Cap Update

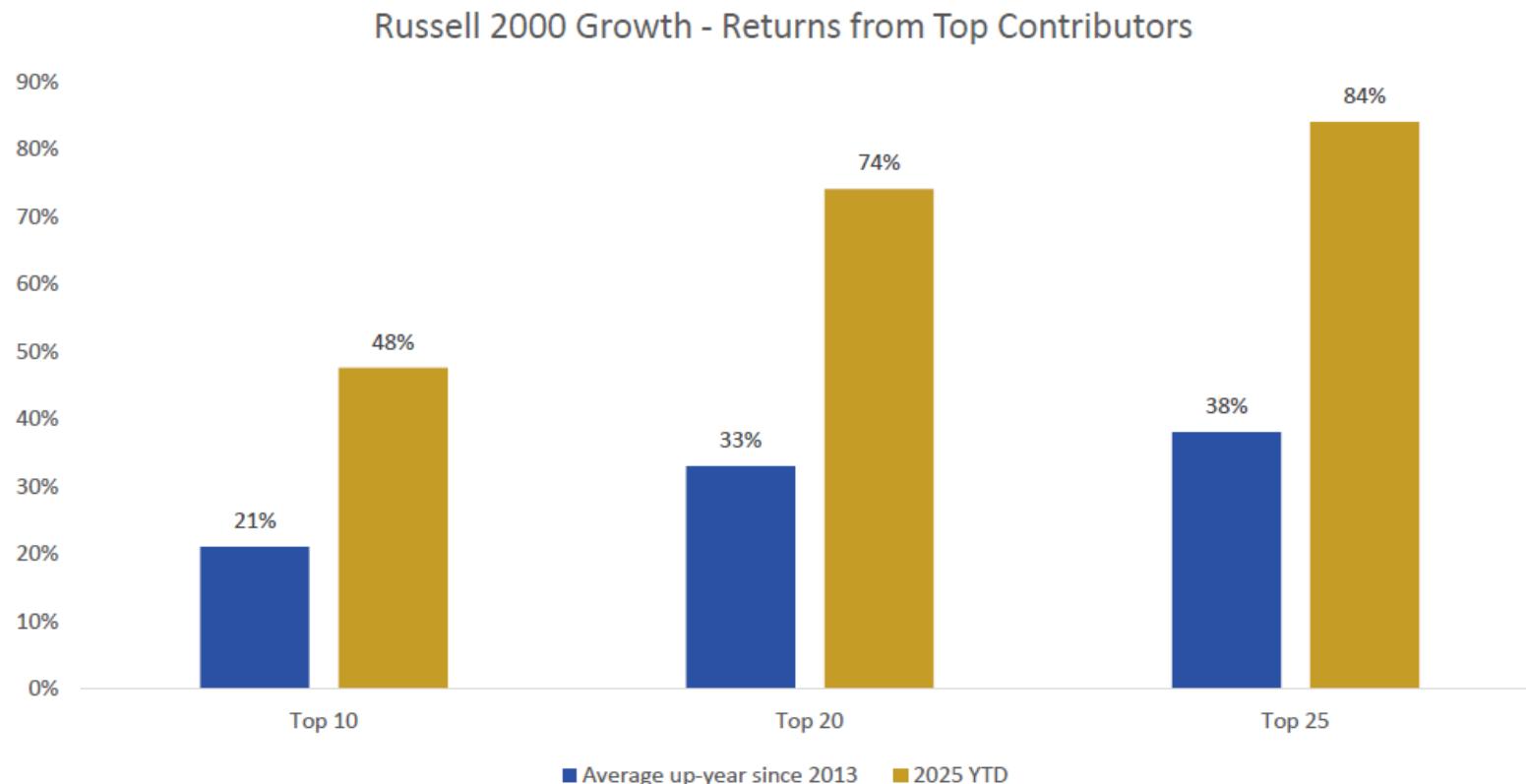
- One of the most extreme periods on record for quality within small cap
- While not all active managers are quality-focused, they tend to struggle and trail in periods of significant appreciation like the six-months ending September 30, 2025

Index Return	MSCI ACWI ex USA	MSCI World ex USA	MSCI World ex USA Small Cap	MSCI World ex USA Micro Cap	MSCI Emerging Markets	MSCI Emerging Markets Small Cap	Russell 1000®	Russell 2000®	Russell Microcap®
	6.89%	5.33%	7.24%	10.52%	10.64%	5.36%	7.99%	12.39%	17.03%
Common Factor Returns									
Size	3.01%	-3.59%	-0.87%	6.00%	-1.22%	-3.39%	1.37%	2.96%	0.15%
Price Momentum	12.93%	4.93%	7.22%	4.85%	19.11%	6.57%	-0.53%	-6.00%	-17.41%
Price Reversal	-17.80%	-7.61%	-10.34%	-6.33%	-20.69%	-6.74%	-7.82%	-8.53%	-3.87%
Price Volatility	-15.76%	-6.96%	-4.18%	-8.63%	-18.78%	-12.08%	-15.58%	24.04%	-24.87%
Financial Leverage	-3.30%	0.27%	3.12%	5.69%	-3.06%	-4.30%	-2.91%	-6.94%	-5.84%
Earnings Risk	-1.00%	-5.22%	-3.79%	7.14%	1.40%	10.42%	-6.90%	18.88%	23.41%
Earnings Quality	-10.63%	-0.06%	-1.96%	-0.53%	-11.39%	5.29%	-6.50%	-13.98%	-13.86%
Relative Value	3.63%	2.86%	2.77%	-2.19%	4.89%	-1.64%	-0.42%	-10.76%	-9.08%
Traditional Value	-3.42%	4.52%	-1.09%	-3.33%	-4.02%	-3.19%	-2.63%	-21.05%	-17.38%
Capital Efficiency	-6.38%	-3.97%	-5.72%	-9.23%	-6.03%	-7.21%	-2.90%	-23.98%	-22.45%
Earnings Momentum	8.37%	10.61%	1.79%	3.94%	7.45%	6.69%	-0.37%	2.73%	3.85%
Expected Growth	11.01%	2.25%	-1.44%	4.85%	12.93%	-5.79%	2.11%	-0.05%	4.73%
Historical Growth	7.34%	8.98%	-0.48%	3.74%	4.13%	1.63%	4.62%	-7.22%	-3.84%

Relative Factor Returns 3Q25 - Low vs High Quality



- Similar to the concentrated leadership within the S&P 500 Index, the top 10 and top 20 largest stocks within the Russell 2000 Growth Index were outsized drivers of returns, especially in the third quarter
- It is unlikely to be sustainable over the long term



- 711 non-U.S. equity strategies have reported 2025 performance as of 1/15/2026 (more than 80% of the expected number of strategies)
- **46.1%** of non-U.S. strategies outperformed their primary benchmark in 2025
- On average over the last 30 years, **60%** of non-U.S. strategies outperformed their primary benchmark in each annual period
- The average underperformance in 2025 was **9.2% points**
- **There are no annual periods** in the last 30 years that had an average underperformance equal to or greater than 9.2% points
- On average of the last 30 years, those strategies that underperformed lagged their primary benchmarks by **3.8% points**

- While rare, this period is not unique
- The tech bubble is the main comparison, where active managers that underperformed their primary benchmarks did so by similar or greater amounts
- But only in 2006 has there been a period where the number of managers that outperformed their primary benchmark has been as low as it was in 2025
- Historically, low quality rallies have been short-lived
- Patience may pay off (some improvement in 4Q25 and tech bubble bursting led to periods of consistent outperformance for active managers)
- But a re-assessment of small cap and non-U.S. allocations (i.e., pairings analysis, size and factor exposures, style exposures, etc.) is relevant during these periods

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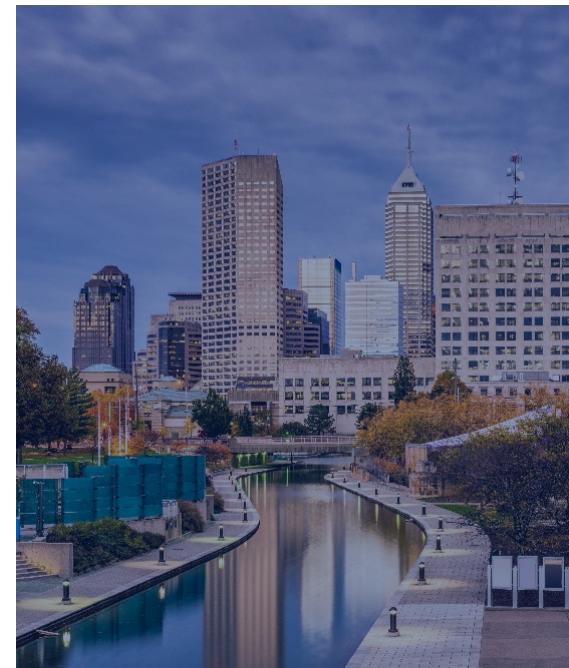
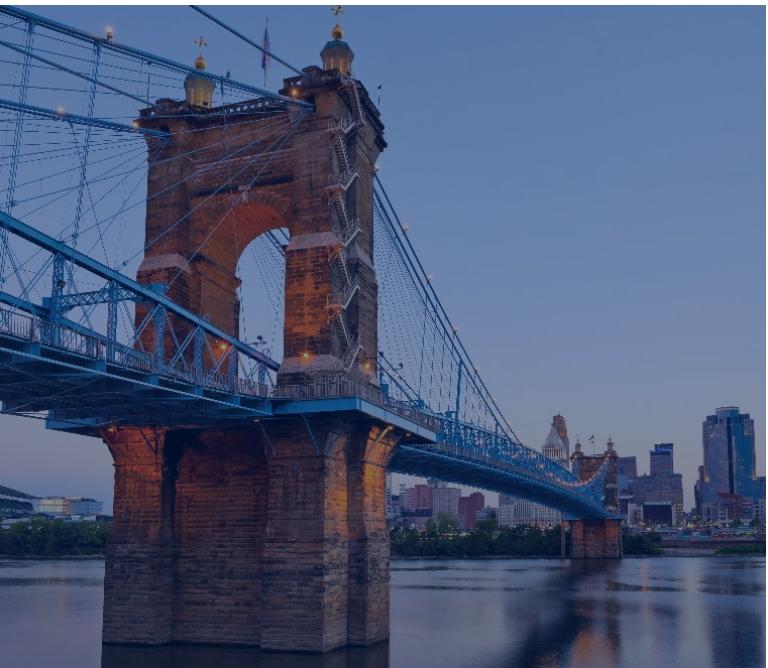
Any return expectations provided are not intended as, and must not be regarded as, a representation, warranty or predication that the investment will achieve any particular rate of return over any particular time-period or those investors will not incur losses.

All data sourced with as of date listed on page 3 unless otherwise noted.

Standard Deviation – A measure of variability in returns. The annual standard deviation measures the dispersion of annual returns around the average annualized return.

Forecasts shown in these studies are forward-looking statements based upon the reasonable beliefs of FEG's research and are not a guarantee of future performance. Forward-looking statements speak only as of the date they are made, and FEG assumes no duty to and does not undertake to update forward-looking statements. Forward-looking statements are subject to numerous assumptions, risks, and uncertainties, which change over time. Actual results may differ materially from those anticipated in forward-looking statements.

For more information please contact [information@feg.com](mailto:information@feg.com)



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Sec. 2-305. - Nonduty death.

(a) Any member who continues in the employ of the city after the date such member either acquires 15 years of credited service or attains age 55 years and has ten or more years of credited service may, by written declaration duly executed and filed with the board, elect option II provided in section 2-304(a)(2) and nominate a beneficiary whom the board finds to have an insurable interest in the member's life. ~~be dependent upon such member for at least 50 percent of the member's financial support~~. Prior to the effective date of such member's retirement, the member may revoke his election of option II and nomination of a beneficiary and may, prior to the effective date of such member's retirement, again elect option II and nominate a beneficiary as provided in this subsection. Upon the death of a member who has an option II election in force, the member's beneficiary, if living, shall immediately receive a retirement allowance computed in the same manner in all respects as if such member had retired the day preceding the date of such member's death, notwithstanding that the member might not have satisfied the age and service requirements for retirement provided in section 2-299; provided that the computation of the retirement allowance of section 2-301(b) shall not be applied if the deceased member was a covered member. If a member has an option II election in force at the time of his retirement, the member's election of option II and nomination of a beneficiary shall thereafter continue in force, unless prior to the effective date of the member's retirement the member elects to receive his retirement allowance as a straight life retirement allowance or according to another option provided in section 2-304(a). No benefits shall be paid under this subsection on account of the death of a member if any benefits are paid under section 2-310 on account of the member's death.

(b) Any member who continues in the employ of the city after the date he either acquires 15 years of credited service, or attains age 55 years and has ten or more years of credited service, and in either case does not have an option II election in force as provided in subsection (a) of this section, and dies while in city employment and leaves a ~~surviving spouse to whom the member was legally married at the time of death, widow, or in the case of a female member, leaves a widower whom the board finds to be totally and permanently disabled and to have been dependent upon such female member for at least 50 percent of his financial support, such spouse widow or widower~~ shall immediately receive a retirement allowance computed in the same manner in all respects as if such member had:

- (1) Retired the day preceding the date of such member's death, notwithstanding that the member might not have satisfied the age and service requirements for retirement provided in section 2-299;
- (2) Elected option II provided in section 2-304(a)(2); and
- (3) Nominated such member's ~~spouse widow or widower~~ as beneficiary; provided that in computing such retirement allowance, section 2-301(b) shall not be applied if the deceased member was a covered member. No benefits shall be paid under this subsection on account of the death of a member if any benefits are paid under section 2-310 on account of such member's death.

---

ORDINANCE # \_\_\_\_\_

**AN ORDINANCE TO AMEND THE CODE OF ORDINANCES FOR THE CITY OF GROSSE POINTE WOODS, CHAPTER 2, ADMINISTRATION; ARTICLE IV. – EMPLOYEE BENEFITS; DIVISION 2. – RETIREMENT SYSTEM; SECTION 2-305. – NONDUTY DEATH, TO UPDATE CERTAIN PROVISIONS**

**THE CITY OF GROSSE POINTE WOODS ORDAINS:**

**Section 1. Ordinance Amendment.**

**Chapter 2, Administration; Article IV. – Employee Benefits; Division 2. – Retirement System; Section 2-305. is hereby amended to read as follows:**

**ARTICLE IV. – EMPLOYEE BENEFITS**

Sec. 2-305. – Nonduty death.

(a) Any member who continues in the employ of the city after the date such member either acquires 15 years of credited service or attains age 55 years and has ten or more years of credited service may, by written declaration duly executed and filed with the board, elect option II provided in [section 2-304](#)(a)(2) and nominate a beneficiary whom the board finds to have an insurable interest in the member's life. Prior to the effective date of such member's retirement, the member may revoke his election of option II and nomination of a beneficiary and may, prior to the effective date of such member's retirement, again elect option II and nominate a beneficiary as provided in this subsection. Upon the death of a member who has an option II election in force, the member's beneficiary, if living, shall immediately receive a retirement allowance computed in the same manner in all respects as if such member had retired the day preceding the date of such member's death, notwithstanding that the member might not have satisfied the age and service requirements for retirement provided in [section 2-299](#); provided that the computation of the retirement allowance of [section 2-301](#)(b) shall not be applied if the deceased member was a covered member. If a member has an option II election in force at the time of his retirement, the member's election of option II and nomination of a beneficiary shall thereafter continue in force, unless prior to the effective date of the member's retirement the member elects to receive his retirement allowance as a straight life retirement allowance or according to another option provided in [section 2-304](#)(a). No benefits shall be paid under this subsection on account of the death of a member if any benefits are paid under [section 2-310](#) on account of the member's death.

(b) Any member who continues in the employ of the city after the date he either acquires 15 years of credited service, or attains age 55 years and has ten or more years of credited service, and in either case does not have an option II election in force as provided in subsection (a) of this section, and dies while in city employment and leaves a surviving spouse to whom the member was legally married at the time of death, such spouse shall immediately receive a retirement allowance computed in the same manner in all respects as if such member had:

---

- (1) Retired the day preceding the date of such member's death, notwithstanding that the member might not have satisfied the age and service requirements for retirement provided in [section 2-299](#);
- (2) Elected option II provided in [section 2-304](#)(a)(2); and
- (3) Nominated such member's spouse as beneficiary; provided that in computing such retirement allowance, [section 2-301](#)(b) shall not be applied if the deceased member was a covered member. No benefits shall be paid under this subsection on account of the death of a member if any benefits are paid under [section 2-310](#) on account of such member's death.

(Code 1975, § 1-21-22; Code 1997, § 2-137)

**Section 2 of Ordinance. Repealer.**

All ordinances, parts of ordinances, or sections of the City Code in conflict with this Ordinance are repealed only to the extent necessary to give this Ordinance full force and effect.

**Section 3 of Ordinance. Severability.**

Should any section, subdivision, clause, or phrase of this Ordinance be declared by the courts to be invalid, the validity of the Ordinance as a whole, or in part, shall not be affected other than the part invalidated.

**Section 4 of Ordinance. Savings.**

All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect, are saved and may be consummated according to the law in force when they were commenced.

**Section 5 of Ordinance. Effective Date.**

This ordinance shall be effective upon publication as required by law.

**CERTIFICATION OF CLERK**

I hereby certify that the foregoing is a true and complete copy of an Ordinance adopted by the City Council of the City of Grosse Pointe Woods, County of Wayne, State of Michigan, at a regular meeting of the City Council duly called and held on \_\_\_\_\_ day of \_\_\_\_\_, 2026.

---

Paul Antolin, City Clerk

---

First Reading:

Second Reading:

Published in GPN:

Adopted:

Effective:

Date Posted:

# INVOICE



201 East Fifth Street, Suite 1600  
Cincinnati, Ohio 45202

DATE	INVOICE #
1/31/26	202601130

BILL TO:
City of Grosse Pointe Woods Employees Retirement System Steven Schmidt 20025 Mack Plaza Grosse Pointe Woods, MI 48236

Fee Schedule: includes CIS
.12% first \$50 Million
.10% next \$50 Million
.05% next \$150 Million
.04% next \$250 Million
.03% over \$500 Million
Minimum annual fee \$60,000

*Professional Services for the period* **10/1/25-12/31/25**

	<u>AMOUNT</u>
Based on the market value of	\$ 15,739.00
	\$ 53,515,610 @ 9/30/25 =

**Total Amount Due** \$ 15,739.00  
*Payment due upon receipt of invoice*

Reference: DAVIS  
Inception: 7/3/2014  
Updated: 12/1/15 Prorated w/ Retiree HC Benefits

Note: Assets of Employee Retirement System and Healthcare Benefits Plan are aggregated for fee break purposes.

---

#### Remittance Information

**Please include invoice number and make payable to Fund Evaluation Group**

Mail: P.O. Box 639176, Cincinnati, OH 45263-9176

Wire or ACH: Fifth Third Bank, 38 Fountain Square Plaza, Cincinnati, OH 45263, R/T #042000314, Account #7027869440

Remittance information to [accountsreceivable@feg.com](mailto:accountsreceivable@feg.com)

Date	Invoice #
1/9/2026	39798

**Bill To**

City of Grosse Pointe Woods  
 20025 Mack Plaza Drive  
 Grosse Pointe Woods, MI 48236

Phone: (630) 620-0200  
 Fax: (239) 481-0634  
 Email: AR@foster-foster.com  
 Website: www.foster-foster.com  
 Federal EIN: 59-1921114

**City of Grosse Pointe Woods**

Description	Amount	Terms	Due Date
Prepare and provide set of personal statements as of 6/30/2025 for members	1,000.00	Net 30	2/8/2026

***Thank you for your business!***

Most preferred method of payment is an ACH deposit.  
 Please reference Plan name & Invoice # above.

- Account Title: Foster & Foster, Inc.
- Account Number: 6100000360
- Routing Number: 063114661
- Bank Name: Cogent Bank

**Balance Due** **\$1,000.00**

For payment via a mailed check, please remit to:  
 Foster & Foster, Inc.  
 184 Shuman Blvd., Ste.305, Naperville, IL 60563

January 15, 2026

**Invoice 112832**

**Client #134-00**

Board of Trustees of the City Grosse Pointe Woods  
Employee Retirement System  
20025 Mack Plaza  
Grosse Pointe Woods, MI 48236

**Summary Statement for the period  
10/01/2025 through 12/31/2025**

Dear Members of the Board:

The following invoice is for legal services rendered to the Board of Trustees for the above period, and are summarized as follows:

Description

Legal Services: 1.70 hours @ \$219.00/hr non-litigation.....\$372.30

Please see attached itemization.

**TOTAL DUE VMT Law = \$372.30**

Thank you for allowing this office to provide the foregoing legal services.

Very truly yours,

VMT Law

Michael J VanOverbeke

Michael J. VanOverbeke



January 15, 2026

Account # 134-00

**Invoice: 112832**

Board of Trustees City of Grosse Pointe Woods  
Employee Retirement System  
20025 Mack Plaza  
Grosse Pointe Woods, MI 48236

**Statement for Legal Services  
10/01/2025 through 12/31/2025**

**Members of the Board:**

**The following invoice is for legal services rendered and is itemized as follows:**

		<u>Fees</u>		
11/06/2025	Preparation for and attendance at meeting.		Hours 1.70 1.70	
	For Current Services Rendered		1.70	372.30
	Total Current Work			372.30
	Balance Due			<u>\$372.30</u>
	Please Remit			<u>\$372.30</u>



## CITY OF GROSSE POINTE WOODS MEMORANDUM

---

**Date:** February 5, 2026

**To:** Pension Board of Trustees

**From:** Steven Schmidt, Pension Administrator

**Re:** Annual Administrative Fee

---

I respectfully request a motion to approve the payment of \$14,000 to the City of Grosse Pointe Woods General Fund, for administrative fees. This fee covers services rendered during fiscal year 2025-2026. Funds are to be taken from budget line 731-237-976.000 with a budgeted amount of \$14,000.

Thank you.