



# PORTFOLIO PERFORMANCE REVIEW

LOS ANGELES CITY EMPLOYEES'  
RETIREMENT SYSTEM

QUARTER ENDING JUNE 30, 2025

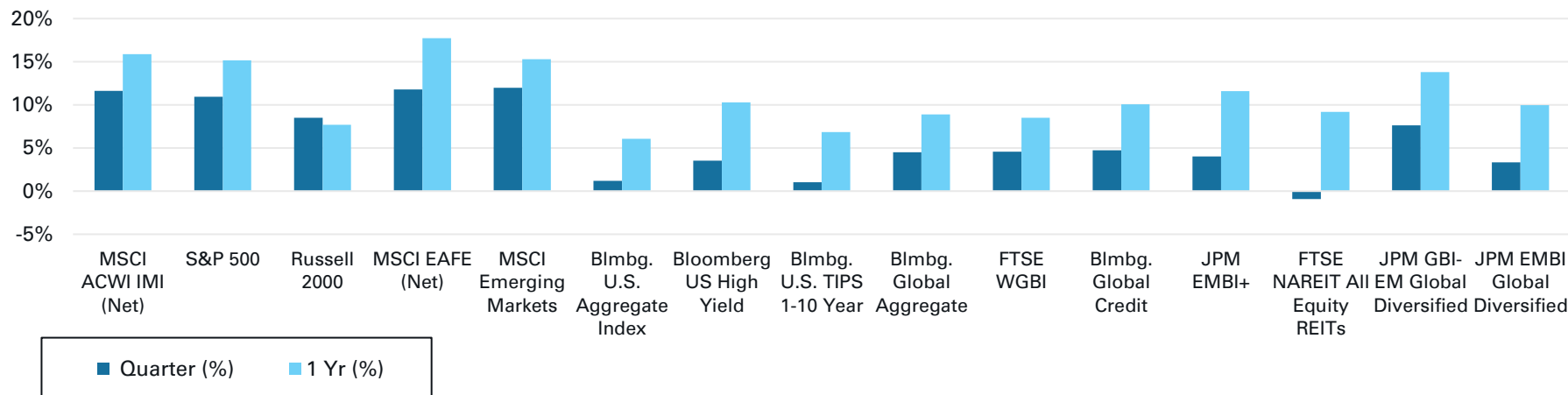
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# EXECUTIVE SUMMARY

# PERFORMANCE OVERVIEW

## Market Summary – Q2



|                                                  | Market Value (\$)     | 3 Mo (%)        | YTD (%)         | 1 Yr (%)         | 3 Yrs (%)       | 5 Yrs (%)       | 10 Yrs (%)      | 15 Yrs (%)      | Inception (%)   | Inception Date |
|--------------------------------------------------|-----------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| <b>LACERS Master Trust</b>                       | <b>25,224,843,440</b> | <b>6.2 (26)</b> | <b>7.6 (12)</b> | <b>11.2 (23)</b> | <b>9.0 (48)</b> | <b>9.3 (52)</b> | <b>7.6 (42)</b> | <b>8.9 (30)</b> | <b>8.2 (45)</b> | <b>Nov-94</b>  |
| <i>Policy Index</i>                              |                       | <i>6.1 (27)</i> | <i>7.6 (11)</i> | <i>11.4 (20)</i> | <i>8.9 (53)</i> | <i>8.4 (73)</i> | <i>7.5 (50)</i> | <i>8.8 (36)</i> | <i>8.1 (59)</i> |                |
| <i>InvMetrics Public DB \$5-50B Gross Median</i> |                       | <i>5.7</i>      | <i>6.2</i>      | <i>10.3</i>      | <i>9.0</i>      | <i>9.3</i>      | <i>7.5</i>      | <i>8.6</i>      | <i>8.1</i>      |                |

Note: Performance is gross of fees

**Stock market returns were positive for the quarter, with both U.S. and international equities posting strong returns.**

Both the U.S. Equity and Non-U.S. Equity composites underperformed their respective benchmarks in the near-term, although the Non-US Equity composite did outperform for the quarter. The U.S. Equity portfolio trailed due to its smaller cap bias, while the Non-U.S. Equity portfolio trailed due to active management within emerging markets.

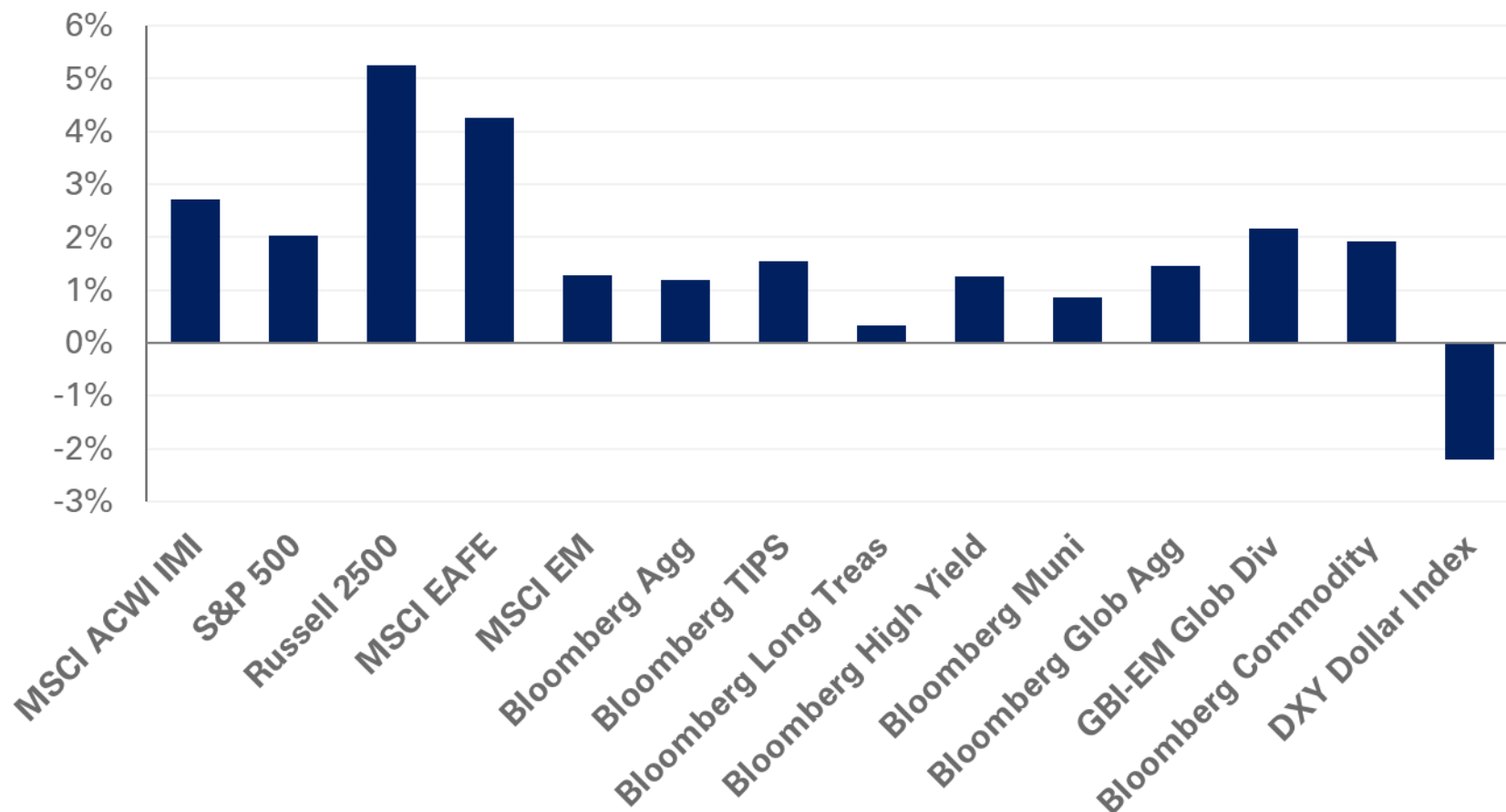
**Fixed income markets were positive for the quarter, with investment grade bonds underperforming high yield.**

The Core Fixed Income composite slightly outperformed its benchmark for the quarter and FY periods. The Credit Opportunities portfolio has delivered positive results versus its benchmark for the same time periods, but achieved a higher total return compared to Core Fixed Income on the FY basis.

# MARKET ENVIRONMENT

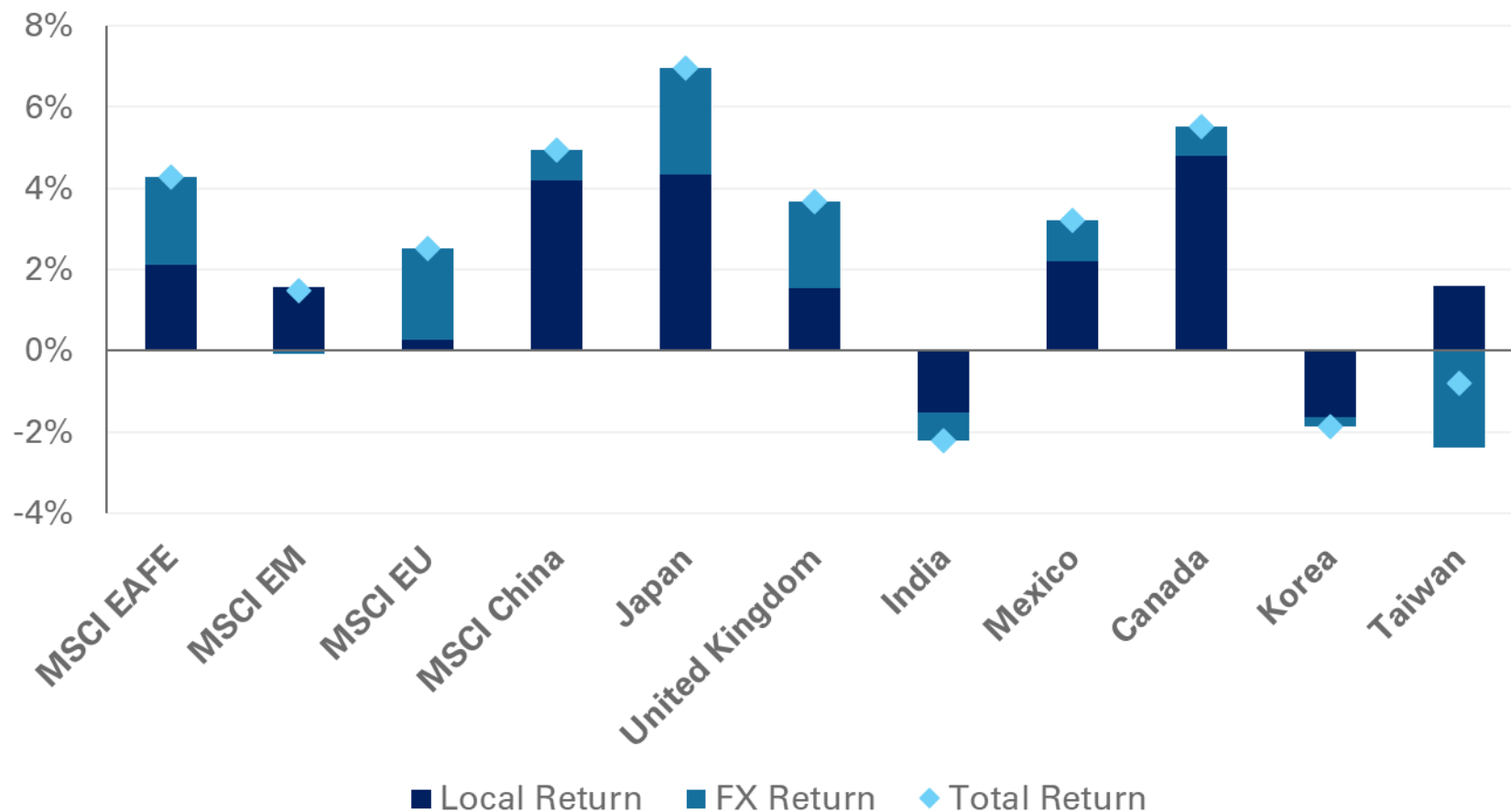
# RATE CUT EXPECTATIONS FUELED RISK-ON RALLY

MONTHLY TOTAL RETURNS (AS OF 8/31/25)



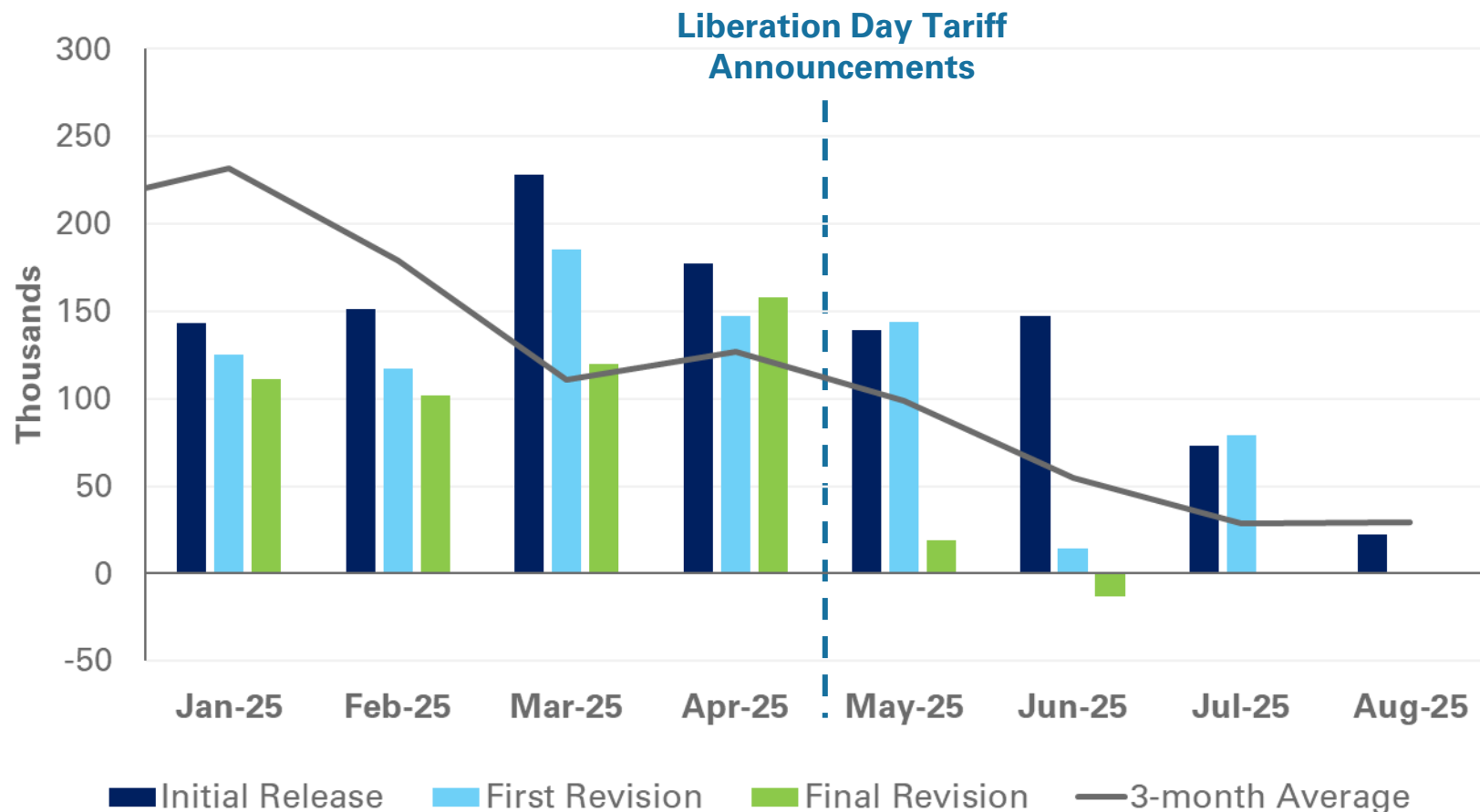
# USD VOLATILITY INFLUENCING NON-U.S. ASSETS

MONTHLY TOTAL RETURNS (AS OF 8/31/25)



# TARIFF UNCERTAINTY WEIGHING ON LABOR MARKET

## NONFARM PAYROLLS: MONTHLY JOBS ADDED

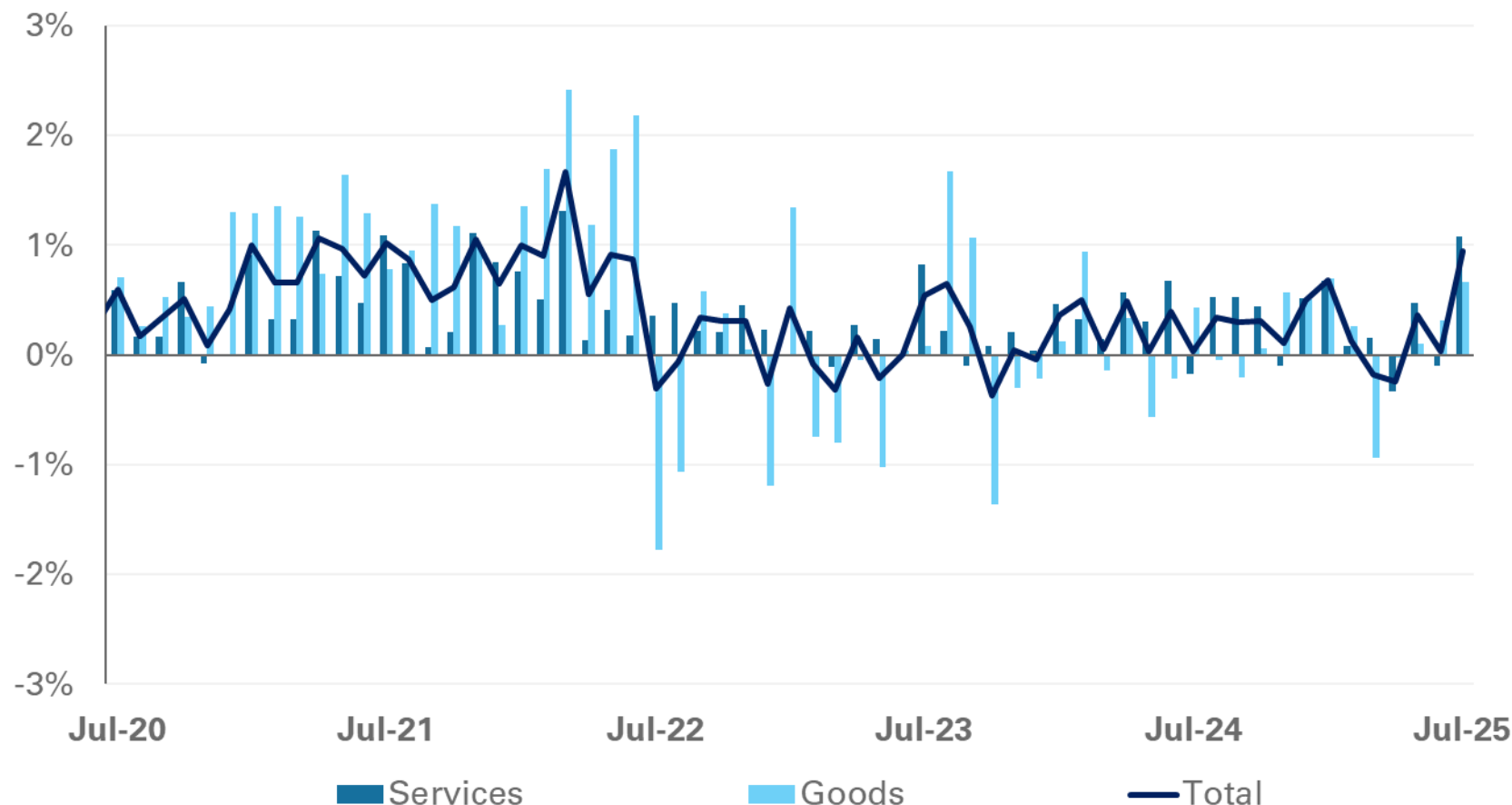


Notes: 3-month average reflects most recently revised number

Sources: U.S. Bureau of Labor Statistics, FactSet

# SERVICES INFLATION HIGHEST SINCE EARLY 2022

## PRODUCER PRICE INDEX



# RECENT CAPITAL MARKET RESULTS (AS OF 9/5/2025)

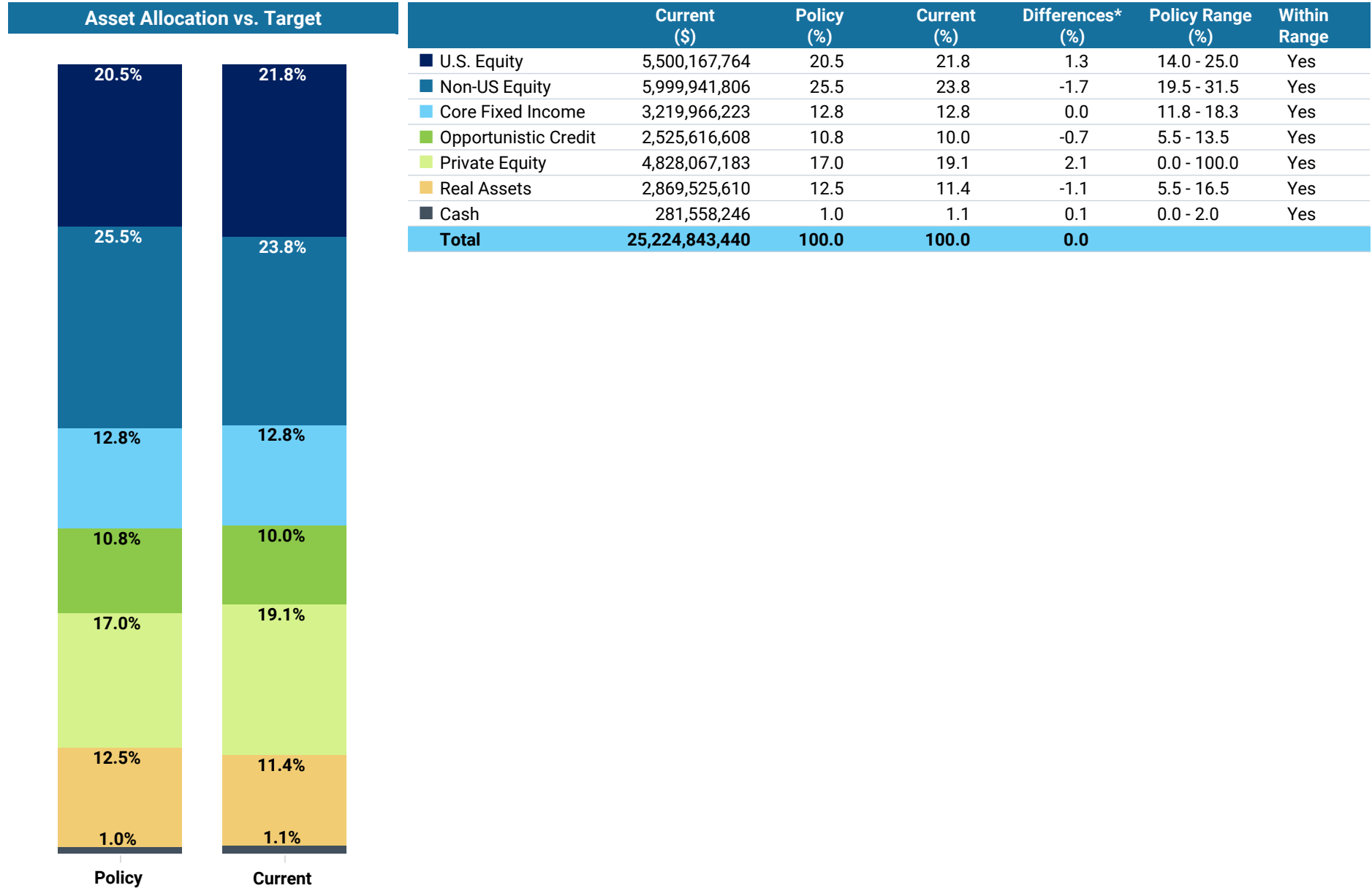
| Index                           | Week  | MTD   | QTD   | YTD   | 1 Yr  | 3 Yr  | 5 Yr  | 10 Yr |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| S&P 500                         | 0.4%  | 0.4%  | 4.7%  | 11.2% | 19.3% | 19.9% | 15.2% | 14.9% |
| Russell 2000                    | 1.1%  | 1.1%  | 10.2% | 8.2%  | 13.6% | 11.3% | 10.7% | 9.2%  |
| Russell 2000 Growth             | 1.0%  | 1.0%  | 8.8%  | 8.2%  | 16.3% | 12.7% | 8.0%  | 9.0%  |
| Russell 2000 Value              | 1.2%  | 1.2%  | 11.7% | 8.1%  | 10.9% | 9.8%  | 13.2% | 9.0%  |
| MSCI EAFE                       | 0.3%  | 0.3%  | 3.1%  | 23.1% | 16.9% | 17.8% | 10.6% | 7.8%  |
| MSCI EAFE SC                    | 0.1%  | 0.1%  | 4.6%  | 26.5% | 20.7% | 15.5% | 8.5%  | 7.7%  |
| MSCI Emerging Markets           | 1.4%  | 1.4%  | 4.7%  | 20.7% | 21.0% | 12.3% | 5.5%  | 7.4%  |
| MSCI EM SC                      | 0.7%  | 0.7%  | 4.1%  | 15.2% | 12.6% | 13.9% | 11.7% | 8.6%  |
| Bloomberg Aggregate             | 0.9%  | 0.9%  | 1.9%  | 6.0%  | 2.9%  | 3.4%  | -0.5% | 1.8%  |
| Bloomberg U.S. Treasury         | 0.8%  | 0.8%  | 1.5%  | 5.3%  | 2.0%  | 2.4%  | -1.3% | 1.2%  |
| Bloomberg Credit                | 1.1%  | 1.1%  | 2.2%  | 6.5%  | 3.9%  | 5.0%  | 0.2%  | 3.0%  |
| Bloomberg TIPS                  | 0.6%  | 0.6%  | 2.3%  | 7.0%  | 4.9%  | 2.6%  | 1.5%  | 3.0%  |
| Bloomberg High Yield            | 0.3%  | 0.3%  | 2.0%  | 6.7%  | 8.3%  | 9.4%  | 5.2%  | 5.8%  |
| JPM EMBI Global Diversified     | 0.9%  | 0.9%  | 3.9%  | 9.7%  | 9.2%  | 9.7%  | 1.5%  | 4.0%  |
| JPM GBI-EM Global Diversified   | 0.6%  | 0.6%  | 1.9%  | 14.4% | 9.7%  | 9.2%  | 1.7%  | 3.3%  |
| NAREIT Global REIT Index        | 0.1%  | 0.1%  | 3.5%  | 8.4%  | 2.1%  | 5.5%  | 6.6%  | 5.3%  |
| S&P Global Infrastructure Index | -0.6% | -0.6% | 1.5%  | 17.2% | 18.6% | 12.4% | 12.5% | 8.8%  |

# ASSET CLASS POLICY OVERVIEW



Los Angeles City Employees' Retirement System-LACERS Master Trust

# ASSET ALLOCATION VS. POLICY



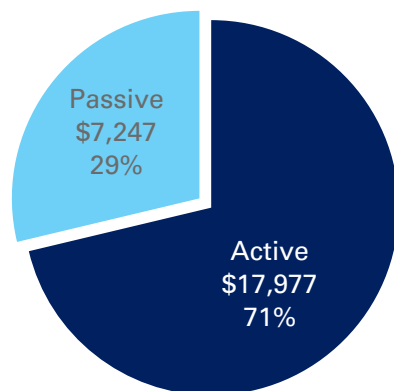
\*Difference between Policy and Current Allocation

Note: Policy target asset allocation reflects interim asset allocation policy targets adopted July 2024.

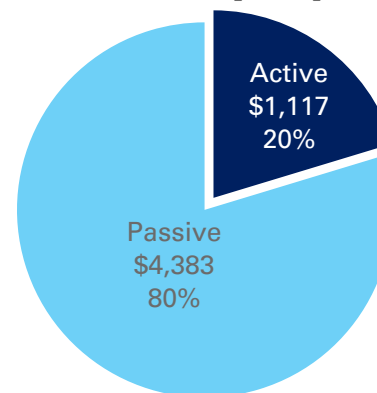
# ACTIVE AND PASSIVE MANAGER BREAKDOWN

Note: Market values shown in millions \$(000).

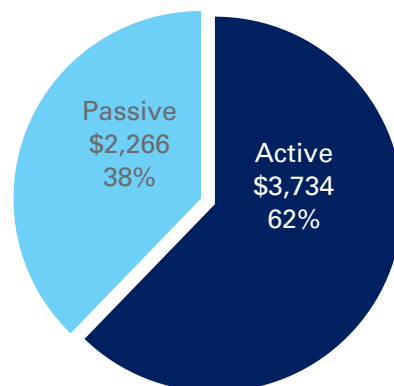
## Total Fund



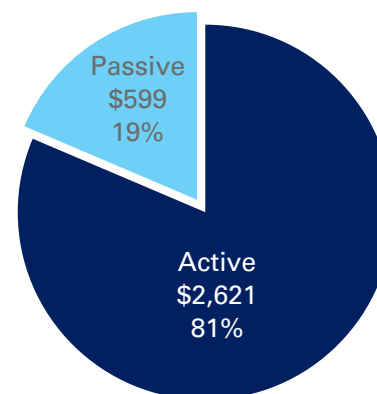
## U.S. Equity



## Non-U.S. Equity



## Core Fixed Income



- LACERS allocated 71% to active managers and 29% to passive managers.
- Credit Opportunities, Private Equity, and Real Assets programs are active and therefore are not shown.

# PERFORMANCE OVERVIEW

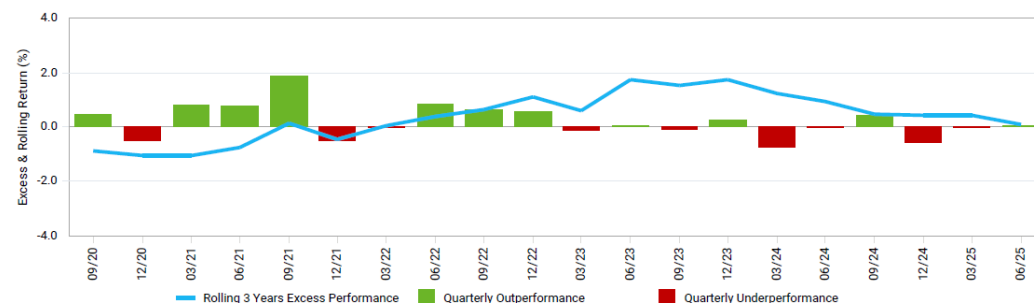


# TOTAL FUND PERFORMANCE SUMMARY

## GROSS OF FEES

|                                                  | Market Value (\$)     | 3 Mo (%)        | YTD (%)         | 1 Yr (%)         | 3 Yrs (%)       | 5 Yrs (%)       | 7 Yrs (%)       | 10 Yrs (%)      | 15 Yrs (%)      | Inception (%)   | Inception Date |
|--------------------------------------------------|-----------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| <b>LACERS Master Trust</b>                       | <b>25,224,843,440</b> | <b>6.2 (26)</b> | <b>7.6 (12)</b> | <b>11.2 (23)</b> | <b>9.0 (48)</b> | <b>9.3 (52)</b> | <b>7.6 (54)</b> | <b>7.6 (42)</b> | <b>8.9 (30)</b> | <b>8.2 (45)</b> | <b>Nov-94</b>  |
| <i>Policy Index</i>                              |                       | 6.1 (27)        | 7.6 (11)        | 11.4 (20)        | 8.9 (53)        | 8.4 (73)        | 7.6 (57)        | 7.5 (50)        | 8.8 (36)        | 8.1 (59)        |                |
| <i>InvMetrics Public DB \$5-50B Gross Median</i> |                       | 5.7             | 6.2             | 10.3             | 9.0             | 9.3             | 7.7             | 7.5             | 8.6             | 8.1             |                |

Over the past five years the Fund return of 9.3% outperformed the policy index by 0.9% and ranked in the 52<sup>nd</sup> percentile within the Public Funds \$5 Billion- \$50 Billion universe. The Fund's volatility of 9.3% ranked in the 75<sup>th</sup> percentile over this period. The Fund's risk-adjusted performance, as measured by the Sharpe Ratio ranked in the 73<sup>rd</sup> percentile and the Sortino Ratio ranked in the 76<sup>th</sup> percentile.



Over the past three years the Fund return of 9.0% outperformed the policy index by 0.1% and ranked in the 48<sup>th</sup> percentile in its peer group. The Fund's volatility ranked in the 77<sup>th</sup> percentile and the Sharpe Ratio ranked in the 67<sup>th</sup> percentile. The Sortino Ratio ranked in the 75<sup>th</sup> percentile.

| 5 Years Ending June 30, 2025                     |                 |                    |                 |                 |
|--------------------------------------------------|-----------------|--------------------|-----------------|-----------------|
|                                                  | Return          | Standard Deviation | Sharpe Ratio    | Sortino Ratio   |
| <b>LACERS Master Trust</b>                       | <b>9.3 (52)</b> | <b>9.3 (75)</b>    | <b>0.7 (73)</b> | <b>1.1 (76)</b> |
| <i>Policy Index</i>                              | 8.4 (73)        | 9.7 (87)           | 0.6 (88)        | 0.9 (93)        |
| <i>InvMetrics Public DB \$5-50B Gross Median</i> | 9.3             | 7.5                | 0.8             | 1.3             |

In the one-year ended June 30, 2025, the Fund returned 11.2% and underperformed the policy index by 0.2%. The Fund's return ranked in the 23<sup>rd</sup> percentile in its peer group.

| 3 Years Ending June 30, 2025                     |                 |                    |                 |                 |
|--------------------------------------------------|-----------------|--------------------|-----------------|-----------------|
|                                                  | Return          | Standard Deviation | Sharpe Ratio    | Sortino Ratio   |
| <b>LACERS Master Trust</b>                       | <b>9.0 (48)</b> | <b>8.9 (77)</b>    | <b>0.5 (67)</b> | <b>0.8 (75)</b> |
| <i>Policy Index</i>                              | 8.9 (53)        | 9.0 (80)           | 0.5 (76)        | 0.7 (79)        |
| <i>InvMetrics Public DB \$5-50B Gross Median</i> | 9.0             | 7.1                | 0.6             | 1.0             |

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**EXECUTIVE SUMMARY**

|                                                  | Market Value (\$)     | 3 Mo (%)        | YTD (%)        | 1 Yr (%)         | 3 Yrs (%)       | 5 Yrs (%)       | 7 Yrs (%)       | 10 Yrs (%)      | 15 Yrs (%)      | Inception (%)   | Inception Date |
|--------------------------------------------------|-----------------------|-----------------|----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| <b>LACERS Master Trust</b>                       | <b>25,224,843,440</b> | <b>6.2 (33)</b> | <b>7.6 (9)</b> | <b>11.2 (29)</b> | <b>9.0 (60)</b> | <b>9.3 (43)</b> | <b>7.6 (46)</b> | <b>7.6 (39)</b> | <b>8.9 (31)</b> | <b>8.2 (43)</b> | <b>Nov-94</b>  |
| <i>Policy Index</i>                              |                       | <i>6.1 (34)</i> | <i>7.6 (9)</i> | <i>11.4 (24)</i> | <i>8.9 (62)</i> | <i>8.4 (78)</i> | <i>7.6 (50)</i> | <i>7.5 (43)</i> | <i>8.8 (34)</i> | <i>8.1 (52)</i> |                |
| <i>InvMetrics Public DB \$1-50B Gross Median</i> |                       | <i>6.0</i>      | <i>6.2</i>     | <i>10.4</i>      | <i>9.4</i>      | <i>9.0</i>      | <i>7.5</i>      | <i>7.4</i>      | <i>8.5</i>      | <i>8.1</i>      |                |

**3 Years Ending June 30, 2025**

|                                                  | Return          | Standard Deviation | Sharpe Ratio    | Sortino Ratio   |
|--------------------------------------------------|-----------------|--------------------|-----------------|-----------------|
| <b>LACERS Master Trust</b>                       | <b>9.0 (60)</b> | <b>8.9 (57)</b>    | <b>0.5 (71)</b> | <b>0.8 (75)</b> |
| <i>Policy Index</i>                              | <i>8.9 (62)</i> | <i>9.0 (59)</i>    | <i>0.5 (79)</i> | <i>0.7 (82)</i> |
| <i>InvMetrics Public DB \$1-50B Gross Median</i> | <i>9.4</i>      | <i>8.4</i>         | <i>0.6</i>      | <i>0.9</i>      |

**5 Years Ending June 30, 2025**

|                                                  | Return          | Standard Deviation | Sharpe Ratio    | Sortino Ratio   |
|--------------------------------------------------|-----------------|--------------------|-----------------|-----------------|
| <b>LACERS Master Trust</b>                       | <b>9.3 (43)</b> | <b>9.3 (56)</b>    | <b>0.7 (54)</b> | <b>1.1 (53)</b> |
| <i>Policy Index</i>                              | <i>8.4 (78)</i> | <i>9.7 (69)</i>    | <i>0.6 (83)</i> | <i>0.9 (84)</i> |
| <i>InvMetrics Public DB \$1-50B Gross Median</i> | <i>9.0</i>      | <i>8.9</i>         | <i>0.7</i>      | <i>1.1</i>      |

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**COMPOSITE PERFORMANCE DETAIL GROSS**

|                              | Allocation            |                | Performance (%) |              |              |              |              |              |              |               |                |
|------------------------------|-----------------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|
|                              | Market Value (\$)     | % of Portfolio | 3 Mo (%)        | YTD (%)      | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)   | 20 Yrs (%)   | Inception (%) | Inception Date |
| <b>LACERS Master Trust</b>   | <b>25,224,843,440</b> | <b>100.00</b>  | <b>6.19</b>     | <b>7.62</b>  | <b>11.16</b> | <b>8.97</b>  | <b>9.27</b>  | <b>7.61</b>  | <b>7.36</b>  | <b>8.16</b>   | <b>Nov-94</b>  |
| Policy Index                 |                       |                | <u>6.15</u>     | <u>7.64</u>  | <u>11.41</u> | <u>8.87</u>  | <u>8.40</u>  | <u>7.52</u>  | <u>7.19</u>  | <u>8.07</u>   |                |
| Over/Under                   |                       |                | 0.04            | -0.02        | -0.25        | 0.10         | 0.87         | 0.10         | 0.17         | 0.09          |                |
| <b>U.S. Equity</b>           | <b>5,500,167,764</b>  | <b>21.80</b>   | <b>10.14</b>    | <b>4.52</b>  | <b>13.80</b> | <b>17.57</b> | <b>15.24</b> | <b>12.36</b> | <b>10.25</b> | <b>11.05</b>  | <b>Nov-94</b>  |
| U.S. Equity Blend            |                       |                | <u>10.99</u>    | <u>5.75</u>  | <u>15.30</u> | <u>19.08</u> | <u>15.96</u> | <u>12.96</u> | <u>10.53</u> | <u>10.36</u>  |                |
| Over/Under                   |                       |                | -0.85           | -1.23        | -1.49        | -1.52        | -0.72        | -0.60        | -0.28        | 0.69          |                |
| <b>Non-U.S. Equity</b>       | <b>5,999,941,806</b>  | <b>23.79</b>   | <b>13.45</b>    | <b>18.01</b> | <b>18.18</b> | <b>13.84</b> | <b>10.86</b> | <b>7.09</b>  | <b>6.79</b>  | <b>5.83</b>   | <b>Nov-94</b>  |
| MSCI AC World ex USA (Net)   |                       |                | <u>12.03</u>    | <u>17.90</u> | <u>17.72</u> | <u>13.99</u> | <u>10.13</u> | <u>6.12</u>  | <u>5.83</u>  | -             |                |
| Over/Under                   |                       |                | 1.42            | 0.12         | 0.46         | -0.15        | 0.73         | 0.97         | 0.96         | -             |                |
| <b>Core Fixed Income</b>     | <b>3,219,966,223</b>  | <b>12.77</b>   | <b>1.26</b>     | <b>4.21</b>  | <b>6.28</b>  | <b>2.88</b>  | <b>-0.19</b> | <b>2.22</b>  | <b>-</b>     | <b>2.43</b>   | <b>Jul-12</b>  |
| Core Fixed Income Blend      |                       |                | <u>1.21</u>     | <u>4.02</u>  | <u>6.08</u>  | <u>2.55</u>  | <u>-0.73</u> | <u>1.76</u>  | <u>-</u>     | <u>1.85</u>   |                |
| Over/Under                   |                       |                | 0.05            | 0.19         | 0.21         | 0.33         | 0.53         | 0.46         | -            | 0.59          |                |
| <b>Credit Opportunities</b>  | <b>2,525,616,608</b>  | <b>10.01</b>   | <b>3.91</b>     | <b>6.08</b>  | <b>10.57</b> | <b>9.63</b>  | <b>4.91</b>  | <b>4.68</b>  | <b>-</b>     | <b>4.85</b>   | <b>Jul-13</b>  |
| Credit Opportunities Blend   |                       |                | <u>3.06</u>     | <u>5.37</u>  | <u>9.40</u>  | <u>8.90</u>  | <u>4.46</u>  | <u>4.73</u>  | <u>-</u>     | <u>4.88</u>   |                |
| Over/Under                   |                       |                | 0.86            | 0.71         | 1.17         | 0.73         | 0.45         | -0.04        | -            | -0.03         |                |
| <b>Real Assets</b>           | <b>2,869,525,610</b>  | <b>11.38</b>   | <b>0.35</b>     | <b>2.85</b>  | <b>4.83</b>  | <b>-0.18</b> | <b>3.18</b>  | <b>4.09</b>  | <b>3.33</b>  | <b>5.63</b>   | <b>Dec-94</b>  |
| Real Assets Policy Benchmark |                       |                | <u>0.65</u>     | <u>3.10</u>  | <u>5.76</u>  | <u>-0.54</u> | <u>2.89</u>  | <u>4.74</u>  | <u>4.71</u>  | <u>7.04</u>   |                |
| Over/Under                   |                       |                | -0.30           | -0.26        | -0.92        | 0.36         | 0.29         | -0.65        | -1.38        | -1.41         |                |
| <b>Public Real Assets</b>    | <b>1,445,610,645</b>  | <b>5.73</b>    | <b>0.29</b>     | <b>3.89</b>  | <b>8.51</b>  | <b>3.55</b>  | <b>4.29</b>  | <b>3.50</b>  | <b>-</b>     | <b>2.91</b>   | <b>Jul-14</b>  |
| Public Real Assets Blend     |                       |                | <u>0.02</u>     | <u>3.72</u>  | <u>7.11</u>  | <u>2.89</u>  | <u>4.71</u>  | <u>2.66</u>  | <u>-</u>     | <u>1.69</u>   |                |
| Over/Under                   |                       |                | 0.28            | 0.16         | 1.41         | 0.67         | -0.42        | 0.84         | -            | 1.22          |                |
| <b>Private Real Estate</b>   | <b>1,404,158,598</b>  | <b>5.57</b>    | <b>0.38</b>     | <b>1.79</b>  | <b>1.12</b>  | <b>-3.98</b> | <b>2.76</b>  | <b>4.88</b>  | <b>3.89</b>  | <b>6.00</b>   | <b>Nov-94</b>  |
| Real Estate Blend            |                       |                | <u>1.23</u>     | <u>2.50</u>  | <u>4.37</u>  | <u>-4.67</u> | <u>4.25</u>  | <u>6.19</u>  | <u>7.37</u>  | <u>8.71</u>   |                |
| Over/Under                   |                       |                | -0.85           | -0.72        | -3.25        | 0.69         | -1.49        | -1.31        | -3.48        | -2.71         |                |
| <b>Private Equity</b>        | <b>4,828,067,183</b>  | <b>19.14</b>   | <b>1.75</b>     | <b>5.11</b>  | <b>7.70</b>  | <b>4.56</b>  | <b>17.76</b> | <b>12.76</b> | <b>12.88</b> | <b>11.18</b>  | <b>Dec-95</b>  |
| Private Equity Blend         |                       |                | <u>1.79</u>     | <u>2.62</u>  | <u>6.47</u>  | <u>1.81</u>  | <u>12.34</u> | <u>12.84</u> | <u>12.49</u> | <u>12.82</u>  |                |
| Over/Under                   |                       |                | -0.04           | 2.48         | 1.23         | 2.75         | 5.42         | -0.08        | 0.39         | -1.63         |                |
| <b>Cash</b>                  | <b>281,558,246</b>    | <b>1.12</b>    |                 |              |              |              |              |              |              |               |                |

Refer to appendix for blended benchmark definitions.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**COMPOSITE PERFORMANCE DETAIL NET**

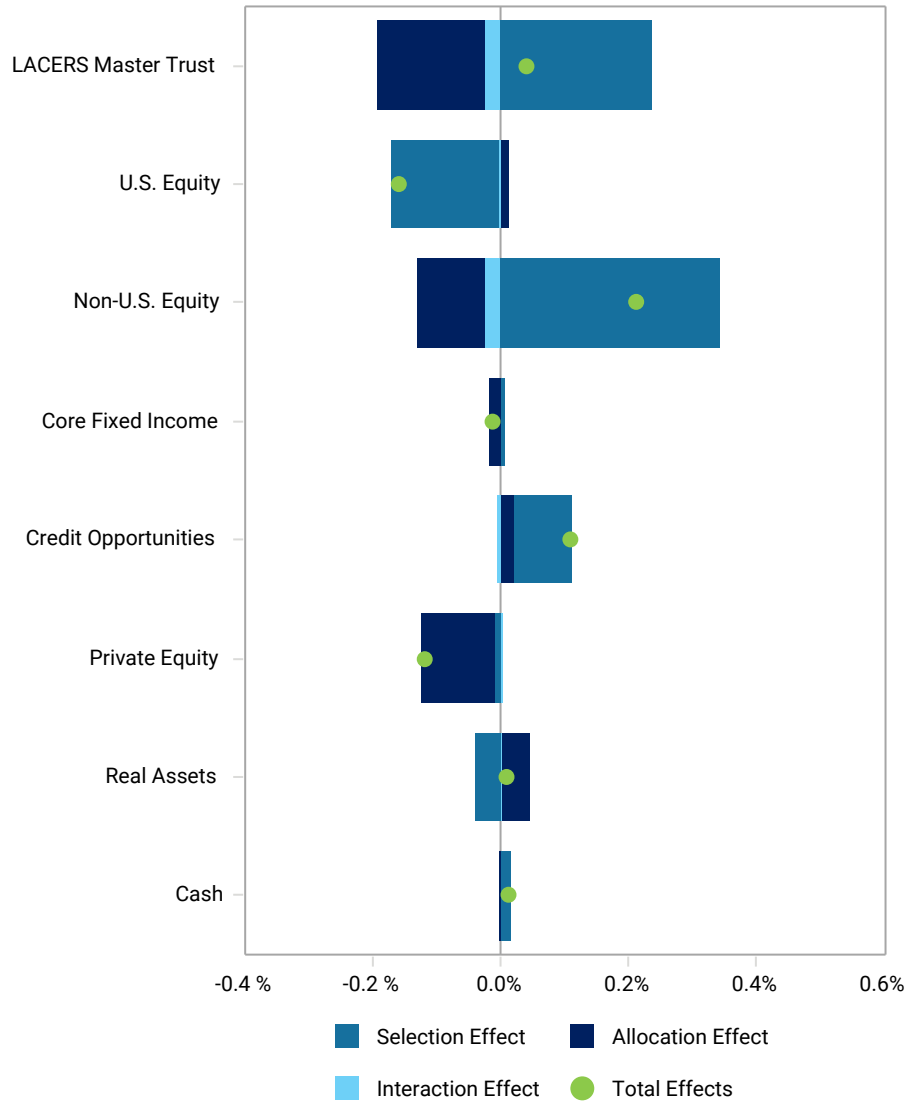
|                              | Allocation            |                | Performance (%) |              |              |              |              |              |              |               |                |
|------------------------------|-----------------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|
|                              | Market Value (\$)     | % of Portfolio | 3 Mo (%)        | YTD (%)      | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)   | 20 Yrs (%)   | Inception (%) | Inception Date |
| <b>LACERS Master Trust</b>   | <b>25,224,843,440</b> | <b>100.00</b>  | <b>6.14</b>     | <b>7.53</b>  | <b>10.96</b> | <b>8.80</b>  | <b>9.10</b>  | <b>7.43</b>  | <b>7.17</b>  | <b>7.02</b>   | <b>Jul-01</b>  |
| Policy Index                 |                       |                | <u>6.15</u>     | <u>7.64</u>  | <u>11.41</u> | <u>8.87</u>  | <u>8.40</u>  | <u>7.52</u>  | <u>7.19</u>  | <u>6.99</u>   |                |
| Over/Under                   |                       |                | -0.01           | -0.11        | -0.45        | -0.08        | 0.70         | -0.08        | -0.02        | 0.02          |                |
| <b>U.S. Equity</b>           | <b>5,500,167,764</b>  | <b>21.80</b>   | <b>10.11</b>    | <b>4.46</b>  | <b>13.69</b> | <b>17.45</b> | <b>15.13</b> | <b>12.27</b> | <b>10.10</b> | <b>9.37</b>   | <b>Sep-01</b>  |
| U.S. Equity Blend            |                       |                | <u>10.99</u>    | <u>5.75</u>  | <u>15.30</u> | <u>19.08</u> | <u>15.96</u> | <u>12.96</u> | <u>10.53</u> | <u>9.49</u>   |                |
| Over/Under                   |                       |                | -0.88           | -1.29        | -1.60        | -1.63        | -0.83        | -0.68        | -0.43        | -0.12         |                |
| <b>Non-U.S. Equity</b>       | <b>5,999,941,806</b>  | <b>23.79</b>   | <b>13.33</b>    | <b>17.78</b> | <b>17.68</b> | <b>13.44</b> | <b>10.48</b> | <b>6.71</b>  | <b>6.43</b>  | <b>6.54</b>   | <b>Jun-01</b>  |
| MSCI AC World ex USA (Net)   |                       |                | <u>12.03</u>    | <u>17.90</u> | <u>17.72</u> | <u>13.99</u> | <u>10.13</u> | <u>6.12</u>  | <u>5.83</u>  | <u>5.94</u>   |                |
| Over/Under                   |                       |                | 1.29            | -0.12        | -0.04        | -0.55        | 0.35         | 0.59         | 0.59         | 0.60          |                |
| <b>Core Fixed Income</b>     | <b>3,219,966,223</b>  | <b>12.77</b>   | <b>1.24</b>     | <b>4.16</b>  | <b>6.18</b>  | <b>2.78</b>  | <b>-0.29</b> | <b>2.12</b>  | <b>-</b>     | <b>2.33</b>   | <b>Jul-12</b>  |
| Core Fixed Income Blend      |                       |                | <u>1.21</u>     | <u>4.02</u>  | <u>6.08</u>  | <u>2.55</u>  | <u>-0.73</u> | <u>1.76</u>  | <u>-</u>     | <u>1.85</u>   |                |
| Over/Under                   |                       |                | 0.03            | 0.14         | 0.11         | 0.23         | 0.44         | 0.36         | -            | 0.48          |                |
| <b>Credit Opportunities</b>  | <b>2,525,616,608</b>  | <b>10.01</b>   | <b>3.84</b>     | <b>5.92</b>  | <b>10.25</b> | <b>9.30</b>  | <b>4.60</b>  | <b>4.35</b>  | <b>-</b>     | <b>4.52</b>   | <b>Jul-13</b>  |
| Credit Opportunities Blend   |                       |                | <u>3.06</u>     | <u>5.37</u>  | <u>9.40</u>  | <u>8.90</u>  | <u>4.46</u>  | <u>4.73</u>  | <u>-</u>     | <u>4.88</u>   |                |
| Over/Under                   |                       |                | 0.79            | 0.56         | 0.85         | 0.39         | 0.14         | -0.38        | -            | -0.36         |                |
| <b>Real Assets</b>           | <b>2,869,525,610</b>  | <b>11.38</b>   | <b>0.32</b>     | <b>2.79</b>  | <b>4.72</b>  | <b>-0.30</b> | <b>3.06</b>  | <b>3.95</b>  | <b>3.19</b>  | <b>4.48</b>   | <b>Jun-01</b>  |
| Real Assets Policy Benchmark |                       |                | <u>0.65</u>     | <u>3.10</u>  | <u>5.76</u>  | <u>-0.54</u> | <u>2.89</u>  | <u>4.74</u>  | <u>4.71</u>  | <u>5.61</u>   |                |
| Over/Under                   |                       |                | -0.32           | -0.31        | -1.04        | 0.25         | 0.17         | -0.79        | -1.53        | -1.13         |                |
| <b>Public Real Assets</b>    | <b>1,445,610,645</b>  | <b>5.73</b>    | <b>0.25</b>     | <b>3.79</b>  | <b>8.32</b>  | <b>3.38</b>  | <b>4.12</b>  | <b>3.30</b>  | <b>-</b>     | <b>2.72</b>   | <b>Jul-14</b>  |
| Public Real Assets Blend     |                       |                | <u>0.02</u>     | <u>3.72</u>  | <u>7.11</u>  | <u>2.89</u>  | <u>4.71</u>  | <u>2.66</u>  | <u>-</u>     | <u>1.69</u>   |                |
| Over/Under                   |                       |                | 0.23            | 0.07         | 1.21         | 0.49         | -0.59        | 0.64         | -            | 1.03          |                |
| <b>Private Real Estate</b>   | <b>1,404,158,598</b>  | <b>5.57</b>    | <b>0.37</b>     | <b>1.77</b>  | <b>1.07</b>  | <b>-4.03</b> | <b>2.69</b>  | <b>4.80</b>  | <b>3.77</b>  | <b>4.99</b>   | <b>Jul-01</b>  |
| Real Estate Blend            |                       |                | <u>1.23</u>     | <u>2.50</u>  | <u>4.37</u>  | <u>-4.67</u> | <u>4.25</u>  | <u>6.19</u>  | <u>7.37</u>  | <u>7.87</u>   |                |
| Over/Under                   |                       |                | -0.85           | -0.73        | -3.29        | 0.64         | -1.56        | -1.39        | -3.60        | -2.88         |                |
| <b>Private Equity</b>        | <b>4,828,067,183</b>  | <b>19.14</b>   | <b>1.75</b>     | <b>5.12</b>  | <b>7.72</b>  | <b>4.59</b>  | <b>17.78</b> | <b>12.78</b> | <b>12.83</b> | <b>11.20</b>  | <b>Sep-01</b>  |
| Private Equity Blend         |                       |                | <u>1.79</u>     | <u>2.62</u>  | <u>6.47</u>  | <u>1.81</u>  | <u>12.34</u> | <u>12.84</u> | <u>12.49</u> | <u>11.83</u>  |                |
| Over/Under                   |                       |                | -0.04           | 2.49         | 1.25         | 2.77         | 5.44         | -0.06        | 0.33         | -0.62         |                |
| <b>Cash</b>                  | <b>281,558,246</b>    | <b>1.12</b>    |                 |              |              |              |              |              |              |               |                |

Refer to appendix for blended benchmark definitions.

Los Angeles City Employees' Retirement System-LACERS Master Trust

# ATTRIBUTION ANALYSIS

## Attribution Effects 1 Quarter Ending June 30, 2025



## Attribution Summary 1 Quarter Ending June 30, 2025

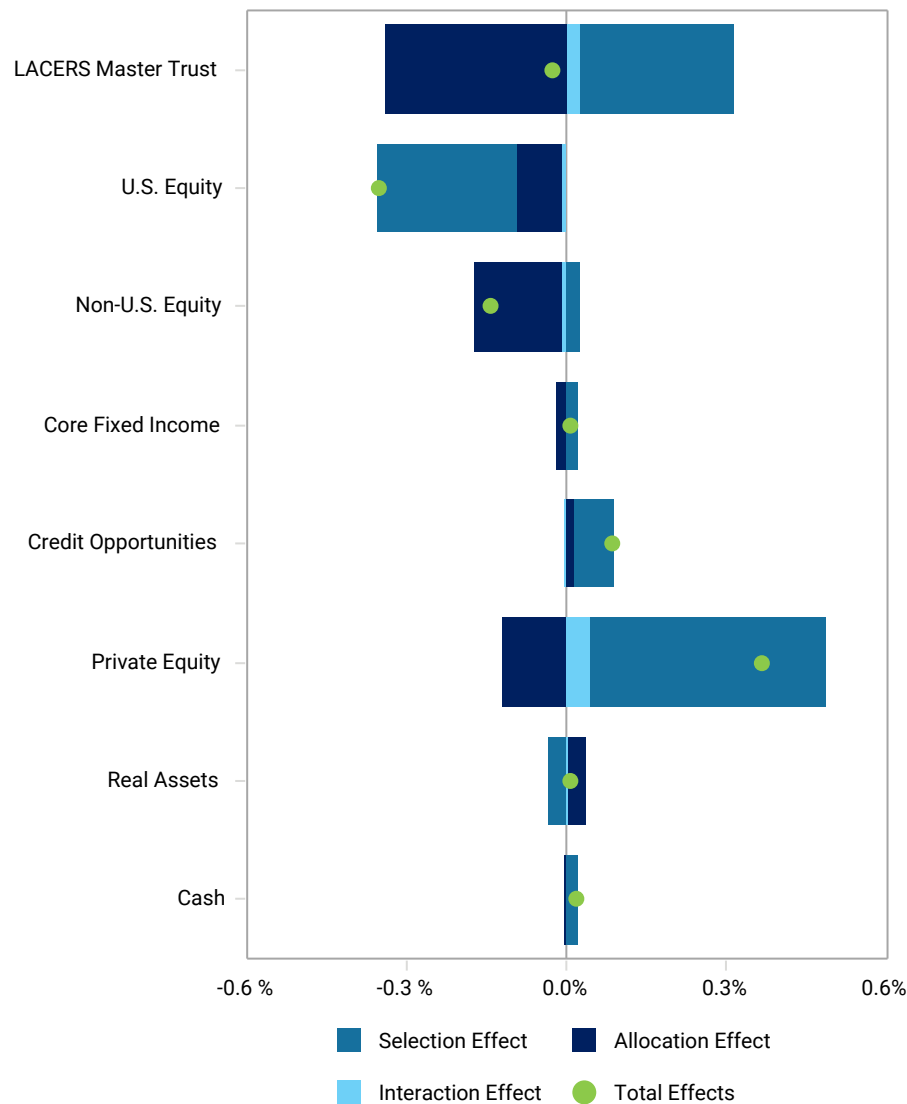
|                      | Wtd. Actual Return (%) | Wtd. Index Return (%) | Excess Return (%) | Selection Effect (%) | Allocation Effect (%) | Interaction Effects (%) | Total Effects (%) |
|----------------------|------------------------|-----------------------|-------------------|----------------------|-----------------------|-------------------------|-------------------|
| U.S. Equity          | 10.1                   | 11.0                  | -0.9              | -0.2                 | 0.0                   | 0.0                     | -0.2              |
| Non-U.S. Equity      | 13.4                   | 12.0                  | 1.4               | 0.3                  | -0.1                  | 0.0                     | 0.2               |
| Core Fixed Income    | 1.3                    | 1.2                   | 0.1               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| Credit Opportunities | 3.9                    | 3.1                   | 0.9               | 0.1                  | 0.0                   | 0.0                     | 0.1               |
| Private Equity       | 1.7                    | 1.8                   | 0.0               | 0.0                  | -0.1                  | 0.0                     | -0.1              |
| Real Assets          | 0.3                    | 0.6                   | -0.3              | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| Cash                 | 2.5                    | 1.0                   | 1.5               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| LACERS Master Trust  | 6.2                    | 6.1                   | 0.0               | 0.2                  | -0.2                  | 0.0                     | 0.0               |

\*Total Actual and Index returns are weighted average calculations.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

## ATTRIBUTION ANALYSIS

Attribution Effects  
Year To Date Ending June 30, 2025



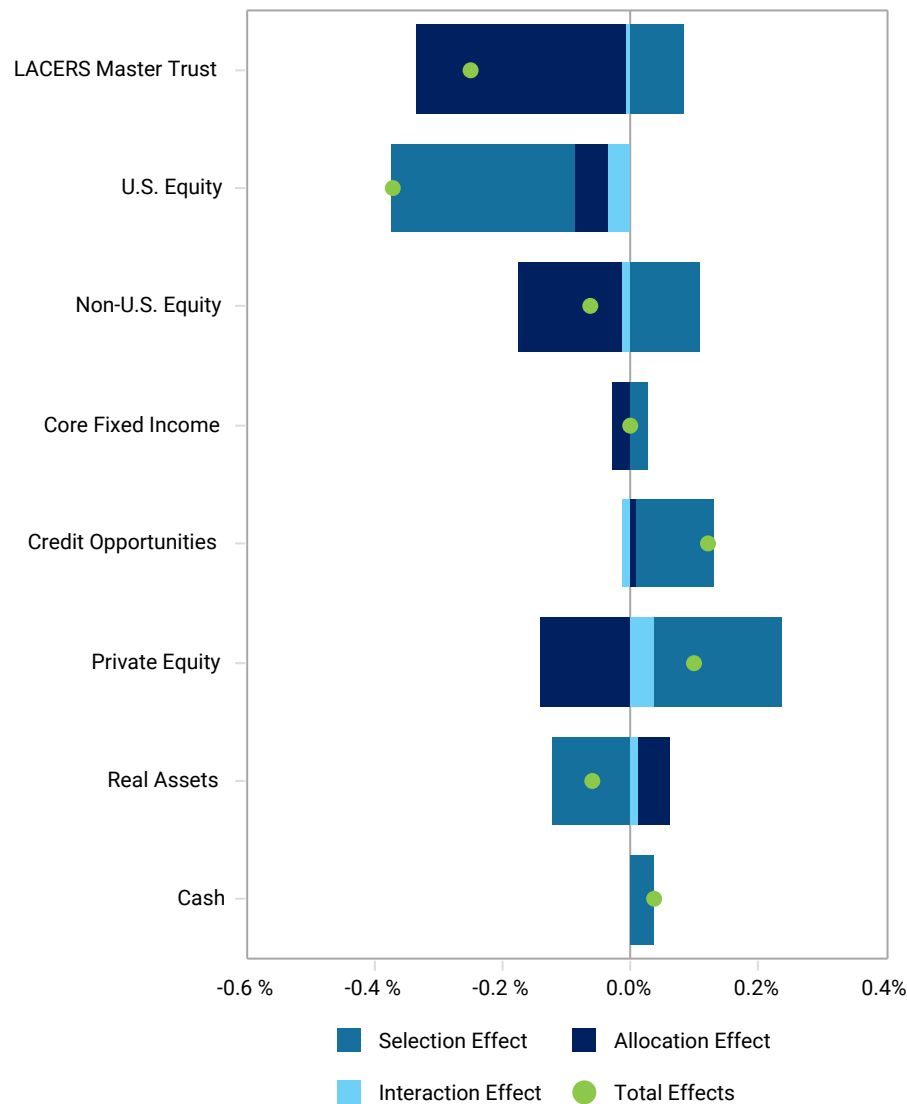
Attribution Summary  
Year To Date Ending June 30, 2025

|                            | Wtd.<br>Actual<br>Return<br>(%) | Wtd.<br>Index<br>Return<br>(%) | Excess<br>Return<br>(%) | Selection<br>Effect<br>(%) | Allocation<br>Effect<br>(%) | Interaction<br>Effects<br>(%) | Total<br>Effects<br>(%) |
|----------------------------|---------------------------------|--------------------------------|-------------------------|----------------------------|-----------------------------|-------------------------------|-------------------------|
| U.S. Equity                | 4.5                             | 5.8                            | -1.2                    | -0.3                       | -0.1                        | 0.0                           | -0.4                    |
| Non-U.S. Equity            | 18.0                            | 17.9                           | 0.1                     | 0.0                        | -0.2                        | 0.0                           | -0.1                    |
| Core Fixed Income          | 4.2                             | 4.0                            | 0.2                     | 0.0                        | 0.0                         | 0.0                           | 0.0                     |
| Credit Opportunities       | 6.1                             | 5.4                            | 0.7                     | 0.1                        | 0.0                         | 0.0                           | 0.1                     |
| Private Equity             | 5.1                             | 2.6                            | 2.5                     | 0.4                        | -0.1                        | 0.0                           | 0.4                     |
| Real Assets                | 2.8                             | 3.1                            | -0.3                    | 0.0                        | 0.0                         | 0.0                           | 0.0                     |
| Cash                       | 4.4                             | 2.1                            | 2.3                     | 0.0                        | 0.0                         | 0.0                           | 0.0                     |
| <b>LACERS Master Trust</b> | <b>7.6</b>                      | <b>7.6</b>                     | <b>0.0</b>              | <b>0.3</b>                 | <b>-0.3</b>                 | <b>0.0</b>                    | <b>0.0</b>              |

\*Total Actual and Index returns are weighted average calculations.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

## ATTRIBUTION ANALYSIS

Attribution Effects  
1 Year Ending June 30, 2025Attribution Summary  
1 Year Ending June 30, 2025

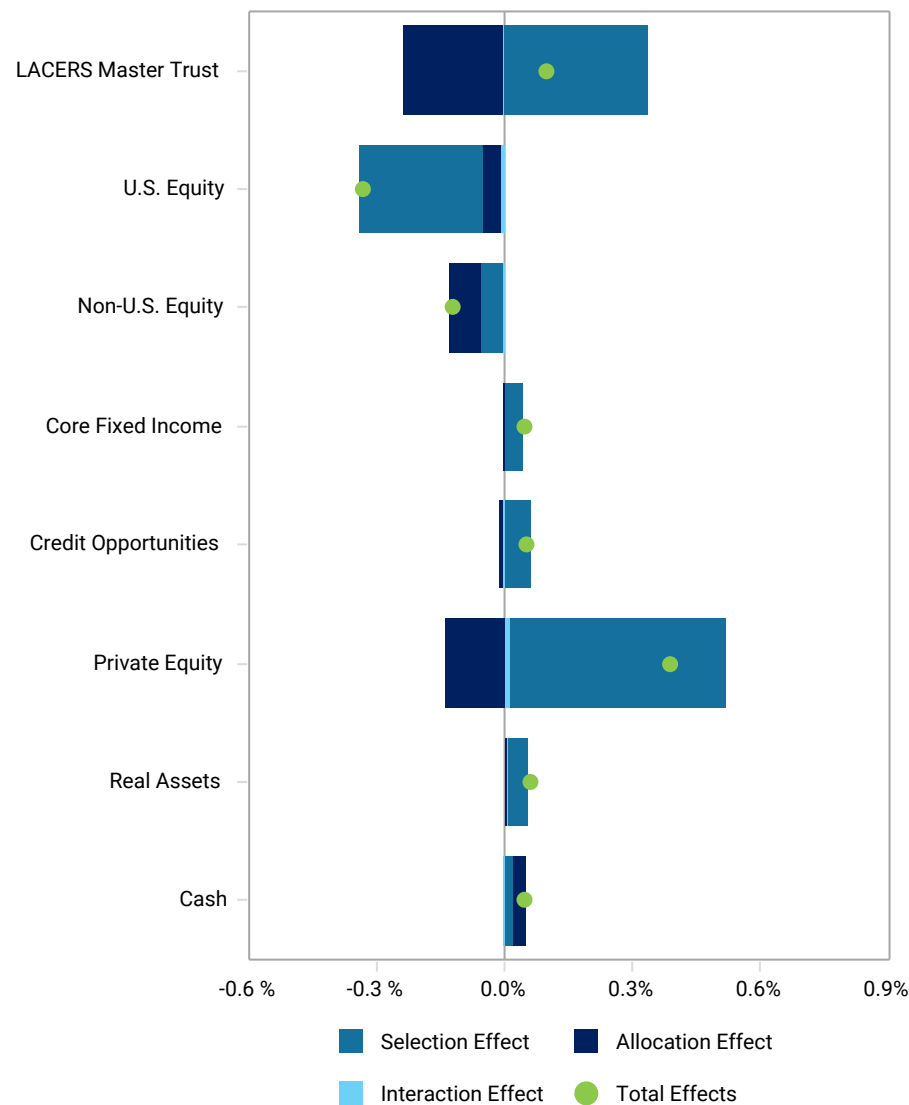
|                            | Wtd. Actual Return (%) | Wtd. Index Return (%) | Excess Return (%) | Selection Effect (%) | Allocation Effect (%) | Interaction Effects (%) | Total Effects (%) |
|----------------------------|------------------------|-----------------------|-------------------|----------------------|-----------------------|-------------------------|-------------------|
| U.S. Equity                | 13.8                   | 15.3                  | -1.5              | -0.3                 | -0.1                  | 0.0                     | -0.4              |
| Non-U.S. Equity            | 18.2                   | 17.7                  | 0.5               | 0.1                  | -0.2                  | 0.0                     | -0.1              |
| Core Fixed Income          | 6.3                    | 6.1                   | 0.2               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| Credit Opportunities       | 10.6                   | 9.4                   | 1.2               | 0.1                  | 0.0                   | 0.0                     | 0.1               |
| Private Equity             | 7.7                    | 6.5                   | 1.2               | 0.2                  | -0.1                  | 0.0                     | 0.1               |
| Real Assets                | 4.8                    | 5.8                   | -0.9              | -0.1                 | 0.0                   | 0.0                     | -0.1              |
| Cash                       | 8.3                    | 4.7                   | 3.6               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| <b>LACERS Master Trust</b> | <b>11.2</b>            | <b>11.4</b>           | <b>-0.2</b>       | <b>0.1</b>           | <b>-0.3</b>           | <b>0.0</b>              | <b>-0.2</b>       |

\*Total Actual and Index returns are weighted average calculations.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

## ATTRIBUTION ANALYSIS

Attribution Effects  
3 Years Ending June 30, 2025



Attribution Summary  
3 Years Ending June 30, 2025

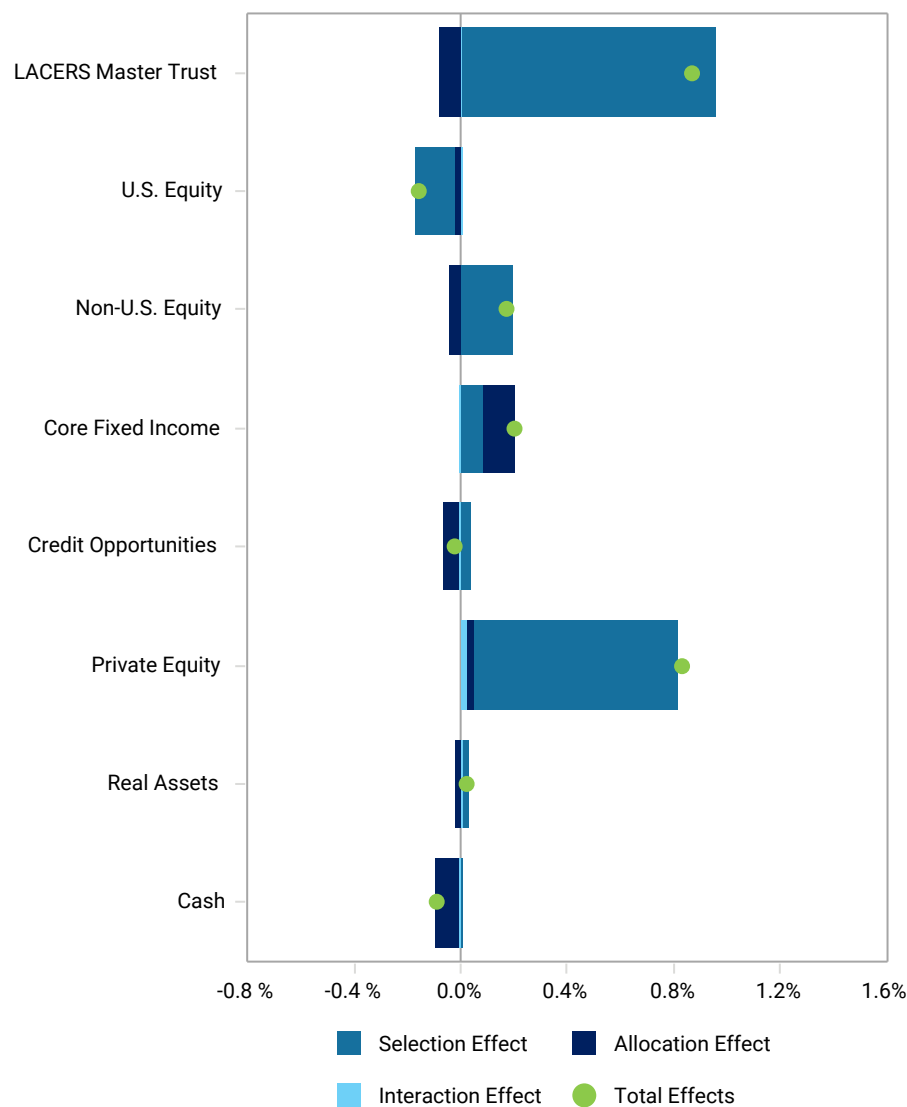
|                      | Wtd. Actual Return (%) | Wtd. Index Return (%) | Excess Return (%) | Selection Effect (%) | Allocation Effect (%) | Interaction Effects (%) | Total Effects (%) |
|----------------------|------------------------|-----------------------|-------------------|----------------------|-----------------------|-------------------------|-------------------|
| U.S. Equity          | 17.6                   | 19.1                  | -1.5              | -0.3                 | 0.0                   | 0.0                     | -0.3              |
| Non-U.S. Equity      | 13.8                   | 14.0                  | -0.2              | -0.1                 | -0.1                  | 0.0                     | -0.1              |
| Core Fixed Income    | 2.9                    | 2.5                   | 0.3               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| Credit Opportunities | 9.6                    | 8.9                   | 0.7               | 0.1                  | 0.0                   | 0.0                     | 0.1               |
| Private Equity       | 4.6                    | 1.8                   | 2.7               | 0.5                  | -0.1                  | 0.0                     | 0.4               |
| Real Assets          | -0.2                   | -0.5                  | 0.4               | 0.0                  | 0.0                   | 0.0                     | 0.1               |
| Cash                 | 6.6                    | 4.6                   | 2.0               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| LACERS Master Trust  | 9.0                    | 8.9                   | 0.1               | 0.3                  | -0.2                  | 0.0                     | 0.1               |

\*Total Actual and Index returns are weighted average calculations.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

## ATTRIBUTION ANALYSIS

Attribution Effects  
5 Years Ending June 30, 2025



Attribution Summary  
5 Years Ending June 30, 2025

|                      | Wtd. Actual Return (%) | Wtd. Index Return (%) | Excess Return (%) | Selection Effect (%) | Allocation Effect (%) | Interaction Effects (%) | Total Effects (%) |
|----------------------|------------------------|-----------------------|-------------------|----------------------|-----------------------|-------------------------|-------------------|
| U.S. Equity          | 15.2                   | 16.0                  | -0.7              | -0.2                 | 0.0                   | 0.0                     | -0.2              |
| Non-U.S. Equity      | 10.9                   | 10.1                  | 0.7               | 0.2                  | 0.0                   | 0.0                     | 0.2               |
| Core Fixed Income    | -0.2                   | -0.7                  | 0.5               | 0.1                  | 0.1                   | 0.0                     | 0.2               |
| Credit Opportunities | 4.9                    | 4.5                   | 0.5               | 0.0                  | -0.1                  | 0.0                     | 0.0               |
| Private Equity       | 17.8                   | 12.3                  | 5.4               | 0.8                  | 0.0                   | 0.0                     | 0.8               |
| Real Assets          | 3.2                    | 2.9                   | 0.3               | 0.0                  | 0.0                   | 0.0                     | 0.0               |
| Cash                 | 3.4                    | 2.8                   | 0.6               | 0.0                  | -0.1                  | 0.0                     | -0.1              |
| LACERS Master Trust  | 9.3                    | 8.4                   | 0.9               | 1.0                  | -0.1                  | 0.0                     | 0.9               |

\*Total Actual and Index returns are weighted average calculations.

# PRIVATE MARKETS PERFORMANCE

AS OF MARCH 31, 2025

| Private Equity        | 10 Year IRR | Since Inception IRR | Since Inception Multiple |
|-----------------------|-------------|---------------------|--------------------------|
| Aggregate Portfolio   | 12.8%       | 11.8%               | 1.62x                    |
| Core Portfolio        | 13.3%       | 12.3%               | 1.64x                    |
| Specialized Portfolio | -2.3%       | 1.6%                | 1.11x                    |
| PE Blended Benchmark  | 12.3%       | 12.6%               | N/A                      |

Source: Aksia

| Real Estate                        | 10 Year Return (Net) | Since Inception Return (Net) |
|------------------------------------|----------------------|------------------------------|
| Total Portfolio (TWR) <sup>1</sup> | 4.9%                 | 5.5%                         |
| NFI-ODCE + 80 basis points (TWR)   | 5.5%                 | 6.5%                         |

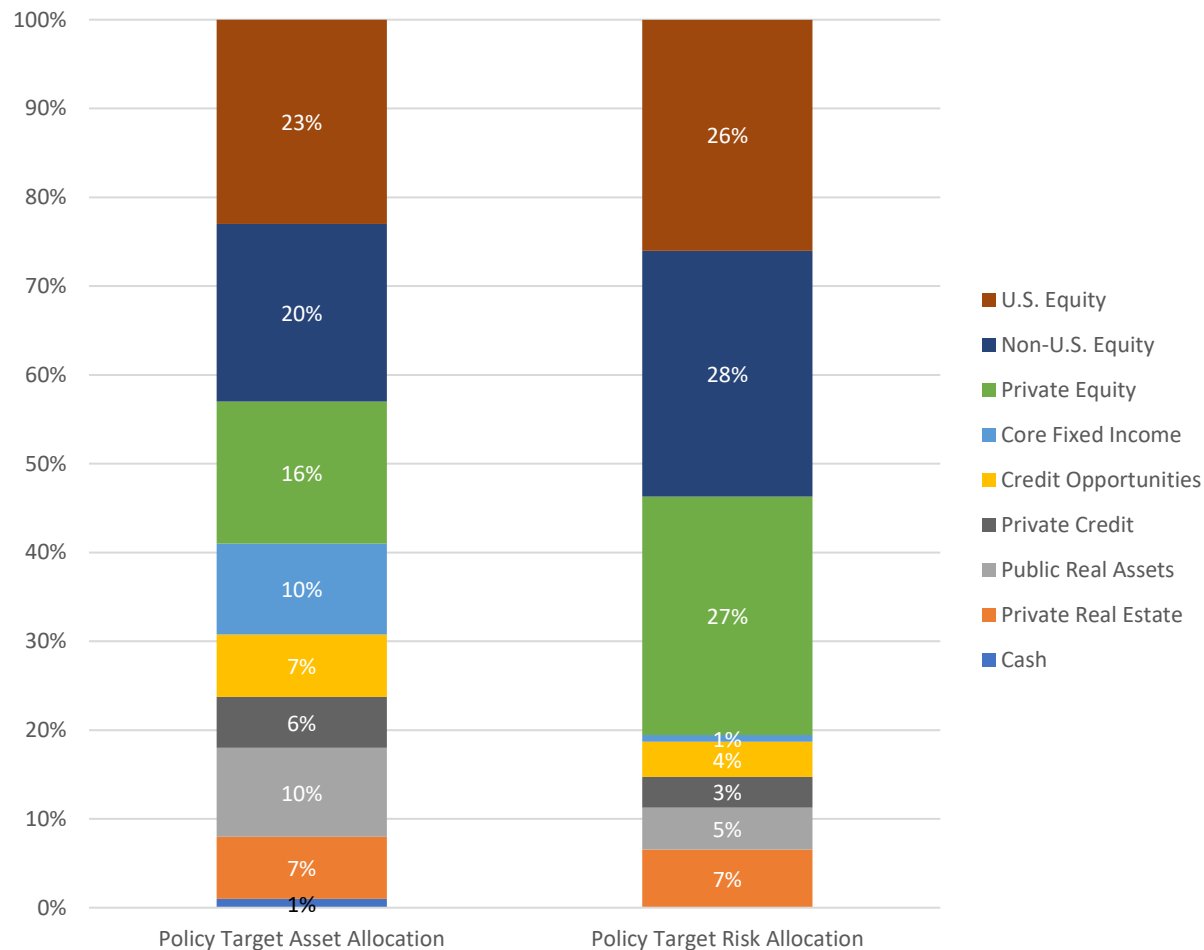
Source: The Townsend Group

Note: The Total Value to Paid-In Ratio (TVPI) is a multiple that relates the current value of the private equity portfolio plus all distributions received to date with the total amount of capital contributed.

1 - IRR is not available for the Real Estate portfolio and therefore only time weighted returns (TWR) are reported.

# TOTAL FUND RISK ALLOCATION

## ASSET ALLOCATION VS. RISK ALLOCATION



- Public and Private Equity policy target asset allocation is 59%; accounts for 81% of the policy target portfolio risk.
- Core Fixed Income, Credit Opportunities, and Private Credit policy allocation is 23%, accounting for 8% of the policy target portfolio risk.
- Real Assets (Private Real Estate and Public Real Assets) policy allocation is 17%, accounting for 11% of policy target portfolio risk.

\* Adopted December 10, 2024

# PUBLIC MARKETS RISK BUDGET COMPARISON

AS OF JUNE 30, 2025

| Public Markets Asset Class | Target Risk Budget | Actual 3 Yr Tracking Error |
|----------------------------|--------------------|----------------------------|
| U.S. Equity                | 1.25%              | 1.60%                      |
| Non-U.S. Equity            | 1.25%              | 1.41%                      |
| Core Fixed Income          | 0.75%              | 0.29%                      |
| Credit Opportunities       | 1.50%              | 1.31%                      |
| Public Real Assets*        | 1.50%              | 0.98%                      |

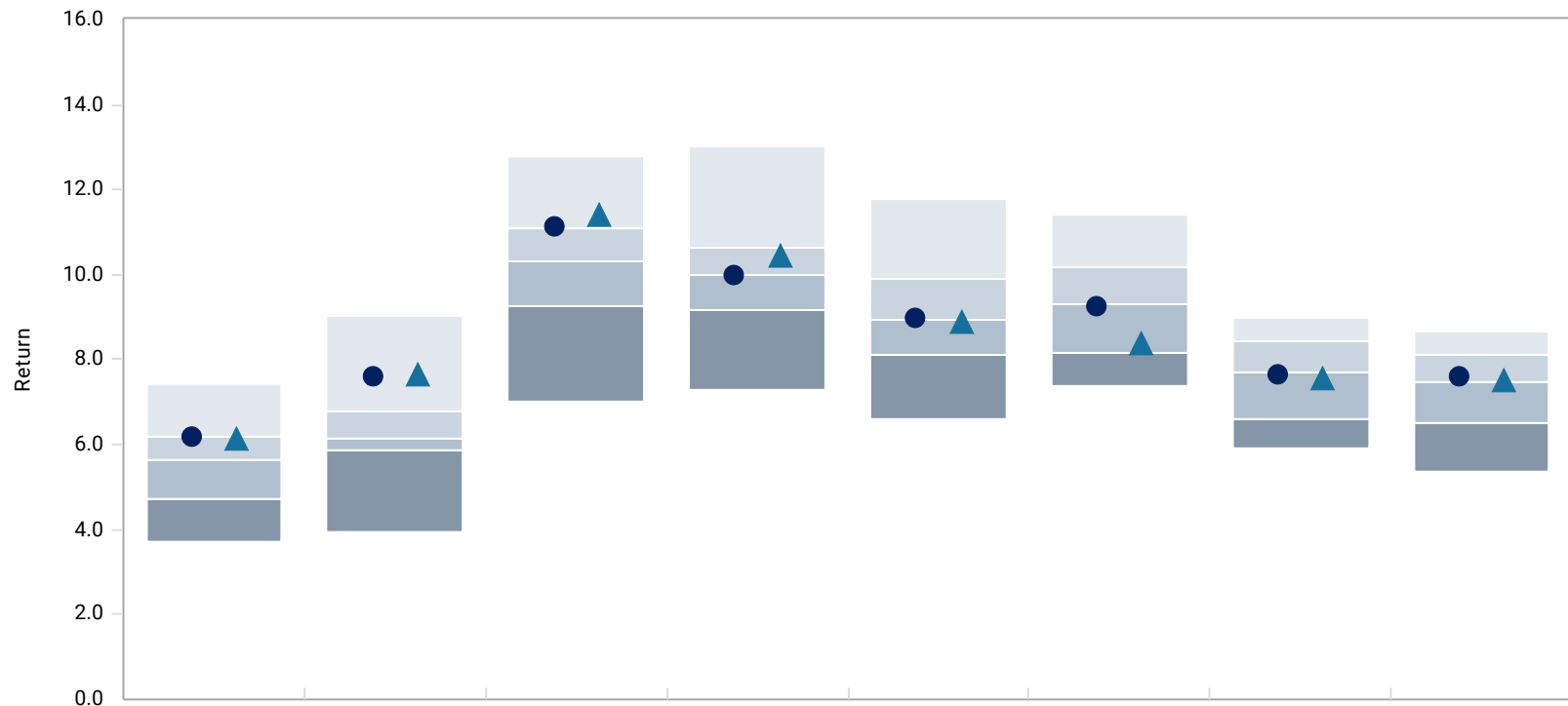
- Current public market asset class composite tracking error statistics are compared to asset class target risk budgets to ensure active risks are within expectations.
- Risk budgets are to be evaluated over three-year periods, at minimum, to reflect a full market cycle.
- Public Equity asset classes are within an appropriate range of their respective risk budgets.
- Both Core Fixed Income and Credit Opportunities have exhibited lower than expected active risk.
- The Public Real Assets benchmark includes prior historical composition.
- Note: The target Risk Budget was approved by the Board on February 25, 2025, and is reflected in the table above. Implementation of the new asset allocation is in progress.

\* The benchmark for the Public Real Assets composite is a custom policy benchmark that is comprised of the target weights of the public real asset components: 66.7% Bloomberg Barclays US TIPS and 33.3% FTSE NAREIT All Equity REIT Index. Historical composition can be found in the investment policy statement.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**RETURN SUMMARY VS. PEER UNIVERSE**

LACERS Master Trust vs. InvMetrics Public DB \$5-50B Gross

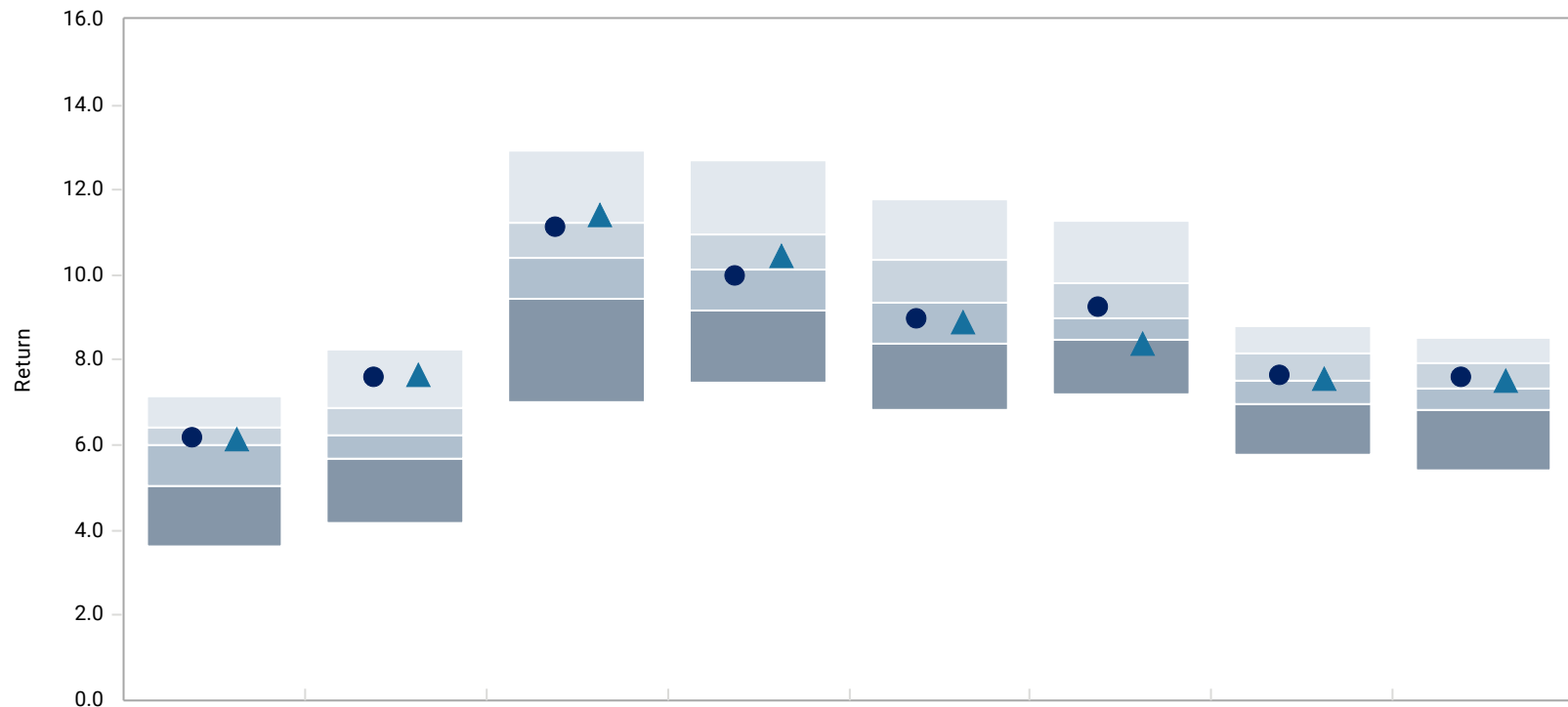


|                       | 3 Mo<br>(%) | YTD<br>(%) | 1 Yr<br>(%) | 2 Yrs<br>(%) | 3 Yrs<br>(%) | 5 Yrs<br>(%) | 7 Yrs<br>(%) | 10 Yrs<br>(%) |
|-----------------------|-------------|------------|-------------|--------------|--------------|--------------|--------------|---------------|
| ● LACERS Master Trust | 6.2 (26)    | 7.6 (12)   | 11.2 (23)   | 10.0 (50)    | 9.0 (48)     | 9.3 (52)     | 7.6 (54)     | 7.6 (42)      |
| ▲ Policy Index        | 6.1 (27)    | 7.6 (11)   | 11.4 (20)   | 10.5 (28)    | 8.9 (53)     | 8.4 (73)     | 7.6 (57)     | 7.5 (50)      |
| 5th Percentile        | 7.4         | 9.0        | 12.8        | 13.0         | 11.8         | 11.4         | 9.0          | 8.7           |
| 1st Quartile          | 6.2         | 6.8        | 11.1        | 10.6         | 9.9          | 10.2         | 8.4          | 8.1           |
| Median                | 5.7         | 6.2        | 10.3        | 10.0         | 9.0          | 9.3          | 7.7          | 7.5           |
| 3rd Quartile          | 4.7         | 5.8        | 9.3         | 9.2          | 8.1          | 8.2          | 6.6          | 6.5           |
| 95th Percentile       | 3.7         | 3.9        | 7.0         | 7.3          | 6.6          | 7.4          | 5.9          | 5.3           |
| Population            | 37          | 37         | 37          | 37           | 37           | 34           | 33           | 32            |

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**RETURN SUMMARY VS. PEER UNIVERSE**

LACERS Master Trust vs. InvMetrics Public DB \$1-50B Gross



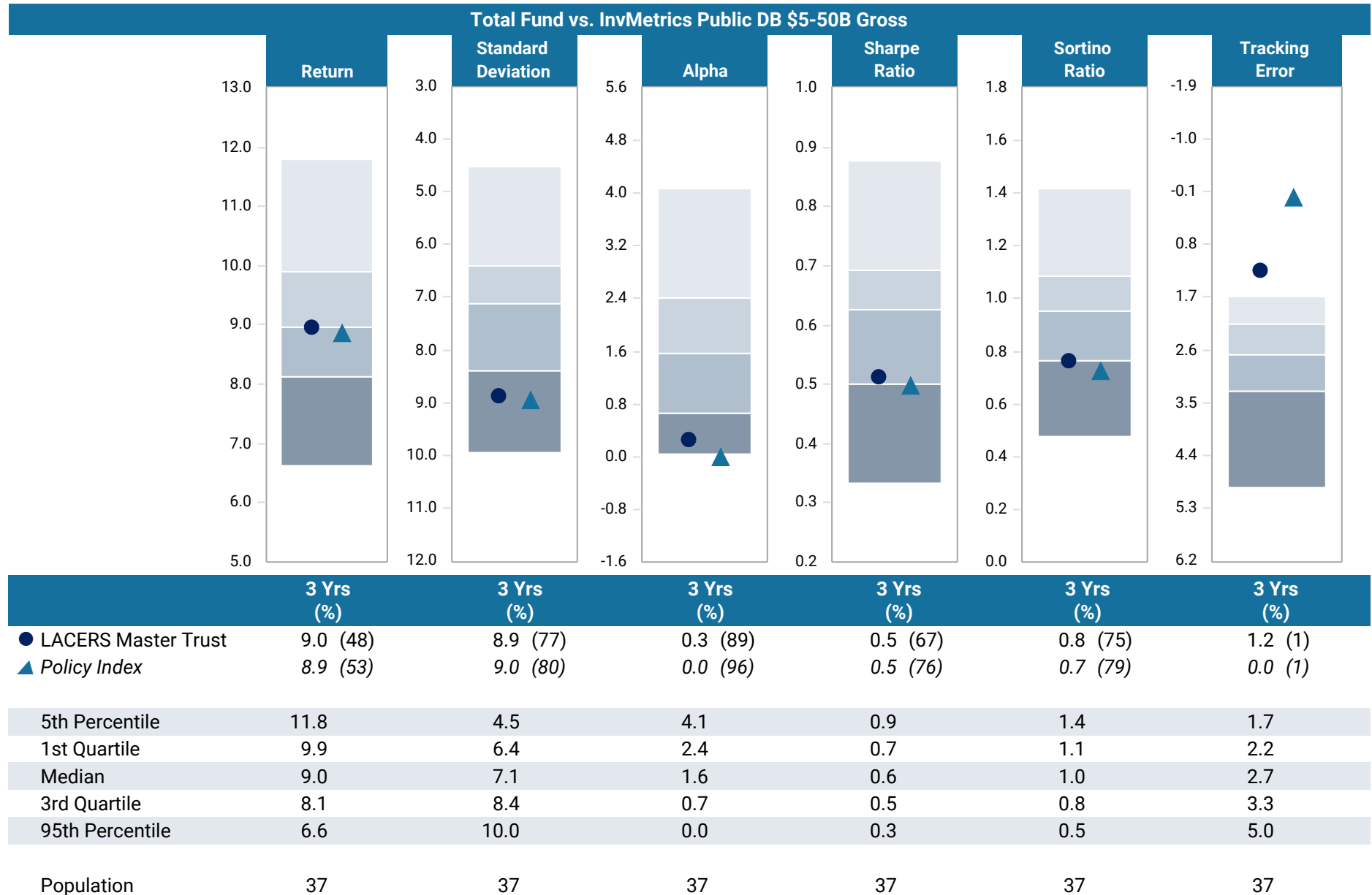
|                       | 3 Mo<br>(%) | YTD<br>(%) | 1 Yr<br>(%) | 2 Yrs<br>(%) | 3 Yrs<br>(%) | 5 Yrs<br>(%) | 7 Yrs<br>(%) | 10 Yrs<br>(%) |
|-----------------------|-------------|------------|-------------|--------------|--------------|--------------|--------------|---------------|
| ● LACERS Master Trust | 6.2 (33)    | 7.6 (9)    | 11.2 (29)   | 10.0 (56)    | 9.0 (60)     | 9.3 (43)     | 7.6 (46)     | 7.6 (39)      |
| ▲ Policy Index        | 6.1 (34)    | 7.6 (9)    | 11.4 (24)   | 10.5 (41)    | 8.9 (62)     | 8.4 (78)     | 7.6 (50)     | 7.5 (43)      |
| 5th Percentile        | 7.2         | 8.2        | 12.9        | 12.7         | 11.8         | 11.3         | 8.8          | 8.5           |
| 1st Quartile          | 6.4         | 6.9        | 11.2        | 11.0         | 10.4         | 9.8          | 8.2          | 7.9           |
| Median                | 6.0         | 6.2        | 10.4        | 10.1         | 9.4          | 9.0          | 7.5          | 7.4           |
| 3rd Quartile          | 5.1         | 5.7        | 9.5         | 9.2          | 8.4          | 8.5          | 7.0          | 6.8           |
| 95th Percentile       | 3.6         | 4.2        | 7.0         | 7.5          | 6.8          | 7.2          | 5.8          | 5.4           |
| Population            | 107         | 107        | 107         | 106          | 104          | 101          | 99           | 97            |

## Los Angeles City Employees' Retirement System-LACERS Master Trust

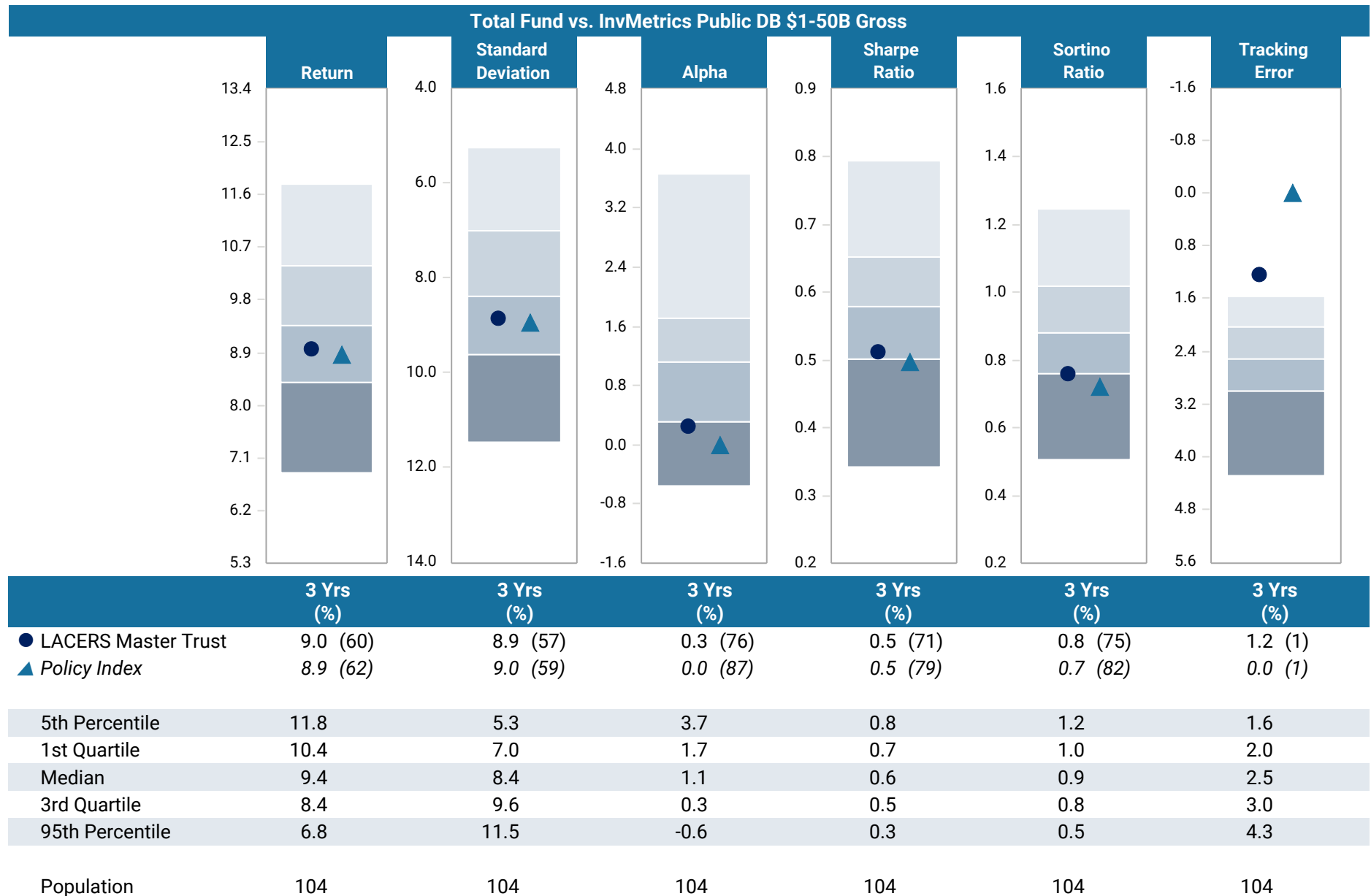
**RISK STATISTICS**

| 3 Years Ending June 30, 2025              |                  |                    |                  |                   |                  |                 |
|-------------------------------------------|------------------|--------------------|------------------|-------------------|------------------|-----------------|
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>8.97 (60)</b> | <b>8.88 (57)</b>   | <b>0.26 (76)</b> | <b>0.07 (57)</b>  | <b>0.76 (75)</b> | <b>1.23 (1)</b> |
| InvMetrics Public DB \$1-50B Gross Median | 9.36             | 8.40               | 1.12             | 0.19              | 0.88             | 2.52            |
| 5 Years Ending June 30, 2025              |                  |                    |                  |                   |                  |                 |
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>9.27 (43)</b> | <b>9.28 (56)</b>   | <b>1.28 (56)</b> | <b>0.47 (23)</b>  | <b>1.14 (53)</b> | <b>1.62 (1)</b> |
| InvMetrics Public DB \$1-50B Gross Median | 8.98             | 8.91               | 1.43             | 0.23              | 1.15             | 2.69            |
| 10 Years Ending June 30, 2025             |                  |                    |                  |                   |                  |                 |
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>7.61 (39)</b> | <b>8.87 (59)</b>   | <b>0.81 (53)</b> | <b>0.00 (40)</b>  | <b>0.98 (47)</b> | <b>1.66 (5)</b> |
| InvMetrics Public DB \$1-50B Gross Median | 7.36             | 8.60               | 0.84             | -0.12             | 0.96             | 2.64            |
| 3 Years Ending June 30, 2025              |                  |                    |                  |                   |                  |                 |
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>8.97 (48)</b> | <b>8.88 (77)</b>   | <b>0.26 (89)</b> | <b>0.07 (42)</b>  | <b>0.76 (75)</b> | <b>1.23 (1)</b> |
| InvMetrics Public DB \$5-50B Gross Median | 8.96             | 7.14               | 1.57             | 0.04              | 0.95             | 2.68            |
| 5 Years Ending June 30, 2025              |                  |                    |                  |                   |                  |                 |
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>9.27 (52)</b> | <b>9.28 (75)</b>   | <b>1.28 (76)</b> | <b>0.47 (34)</b>  | <b>1.14 (76)</b> | <b>1.62 (3)</b> |
| InvMetrics Public DB \$5-50B Gross Median | 9.29             | 7.50               | 2.39             | 0.26              | 1.32             | 3.09            |
| 10 Years Ending June 30, 2025             |                  |                    |                  |                   |                  |                 |
|                                           | Return           | Standard Deviation | Alpha            | Information Ratio | Sortino Ratio    | Tracking Error  |
| <b>LACERS Master Trust</b>                | <b>7.61 (42)</b> | <b>8.87 (87)</b>   | <b>0.81 (71)</b> | <b>0.00 (46)</b>  | <b>0.98 (71)</b> | <b>1.66 (3)</b> |
| InvMetrics Public DB \$5-50B Gross Median | 7.46             | 7.73               | 1.47             | -0.09             | 1.07             | 3.00            |

## Los Angeles City Employees' Retirement System-LACERS Master Trust

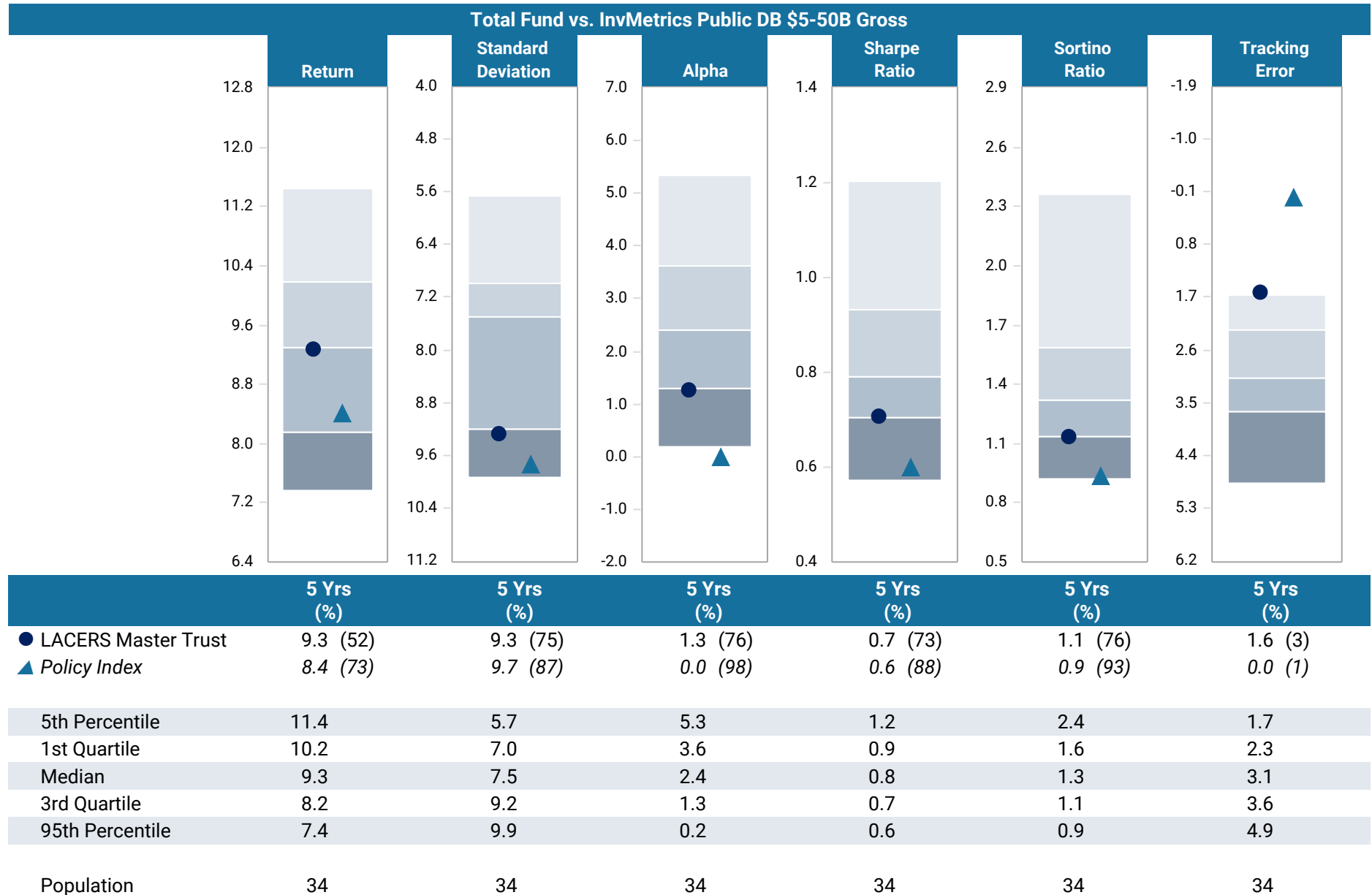
**RISK STATISTICS VS. PEER UNIVERSE**

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**RISK STATISTICS VS. PEER UNIVERSE**

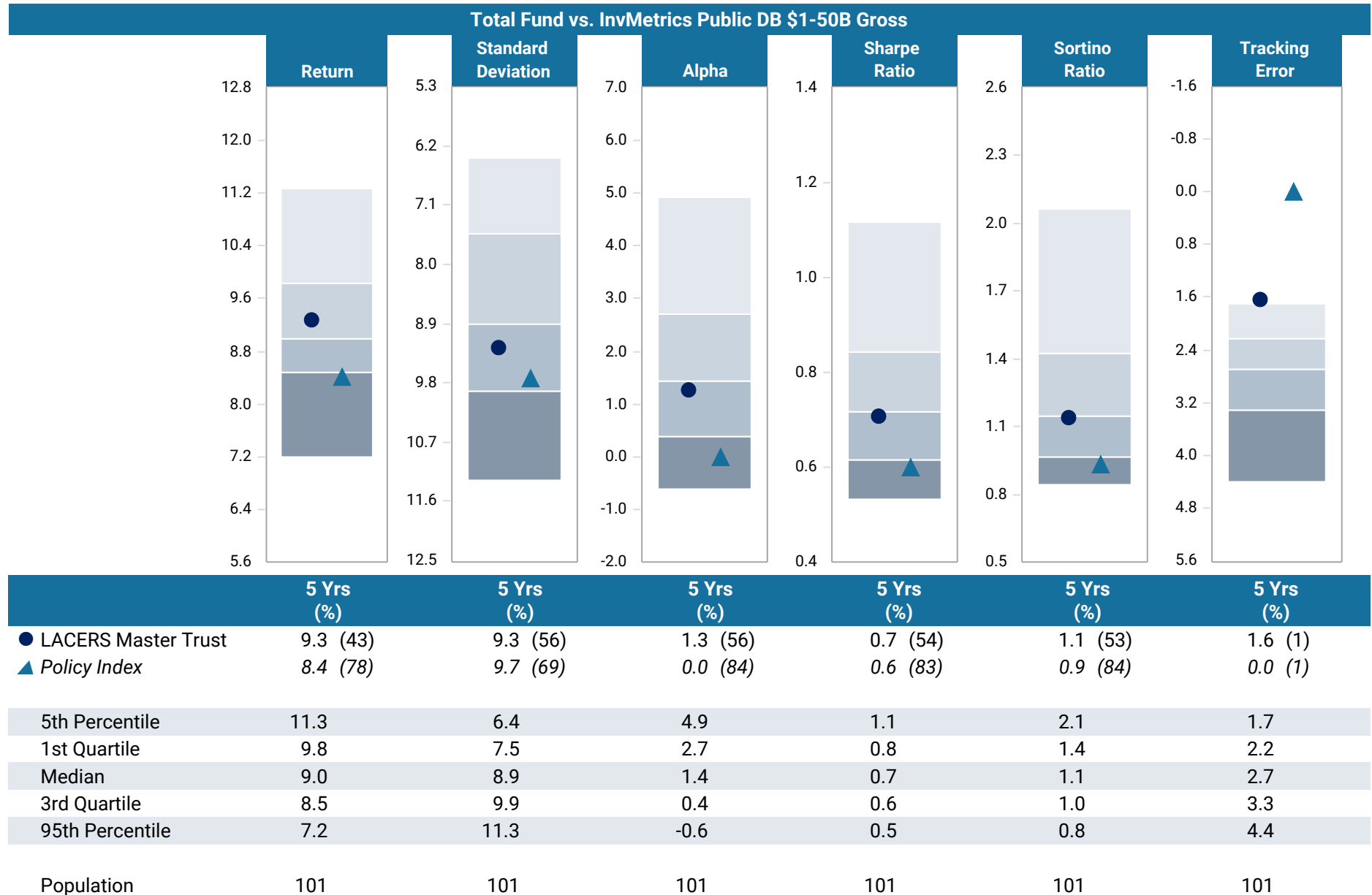
Los Angeles City Employees' Retirement System-LACERS Master Trust

# RISK STATISTICS VS. PEER UNIVERSE

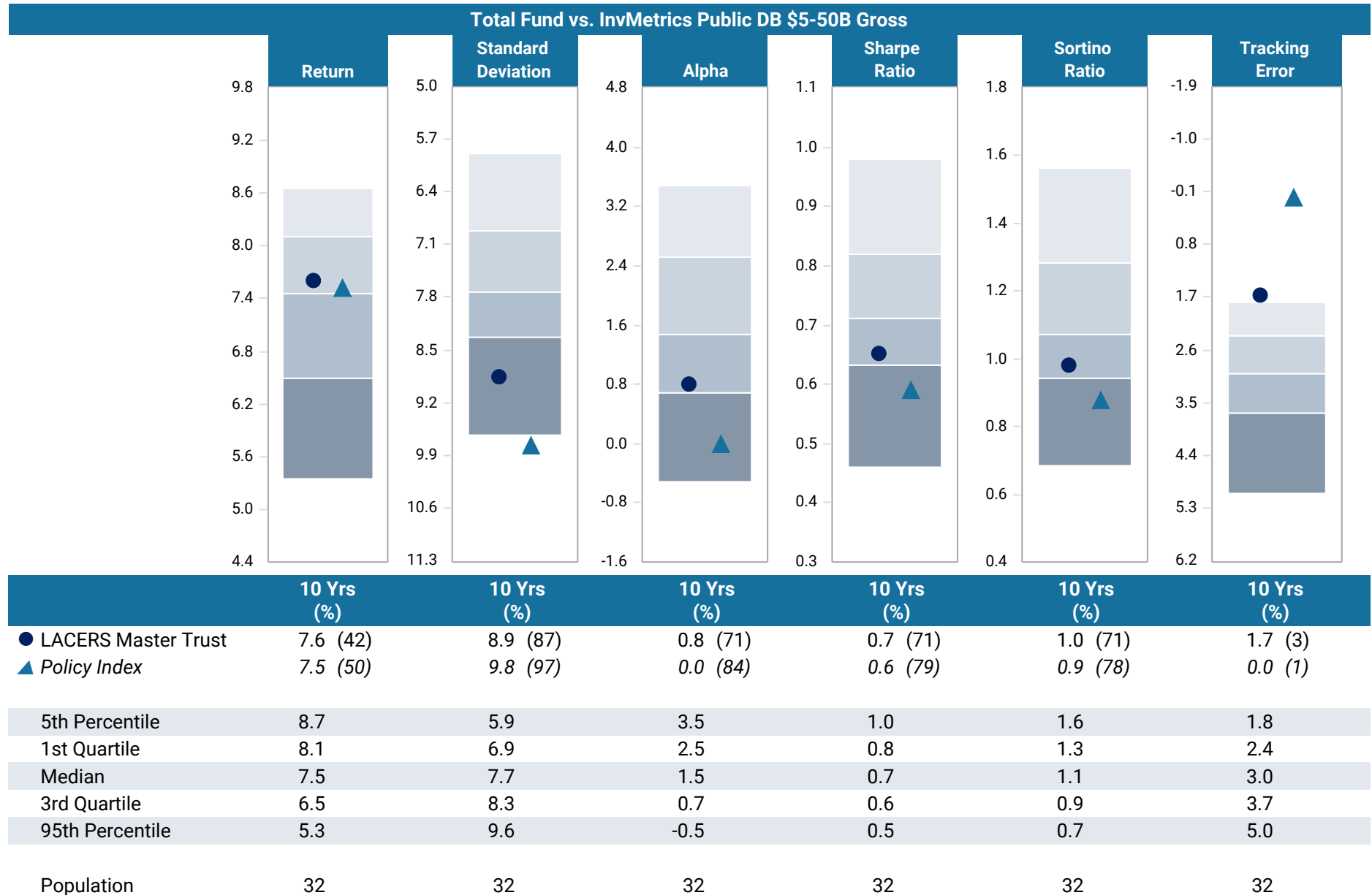


Los Angeles City Employees' Retirement System-LACERS Master Trust

# RISK STATISTICS VS. PEER UNIVERSE

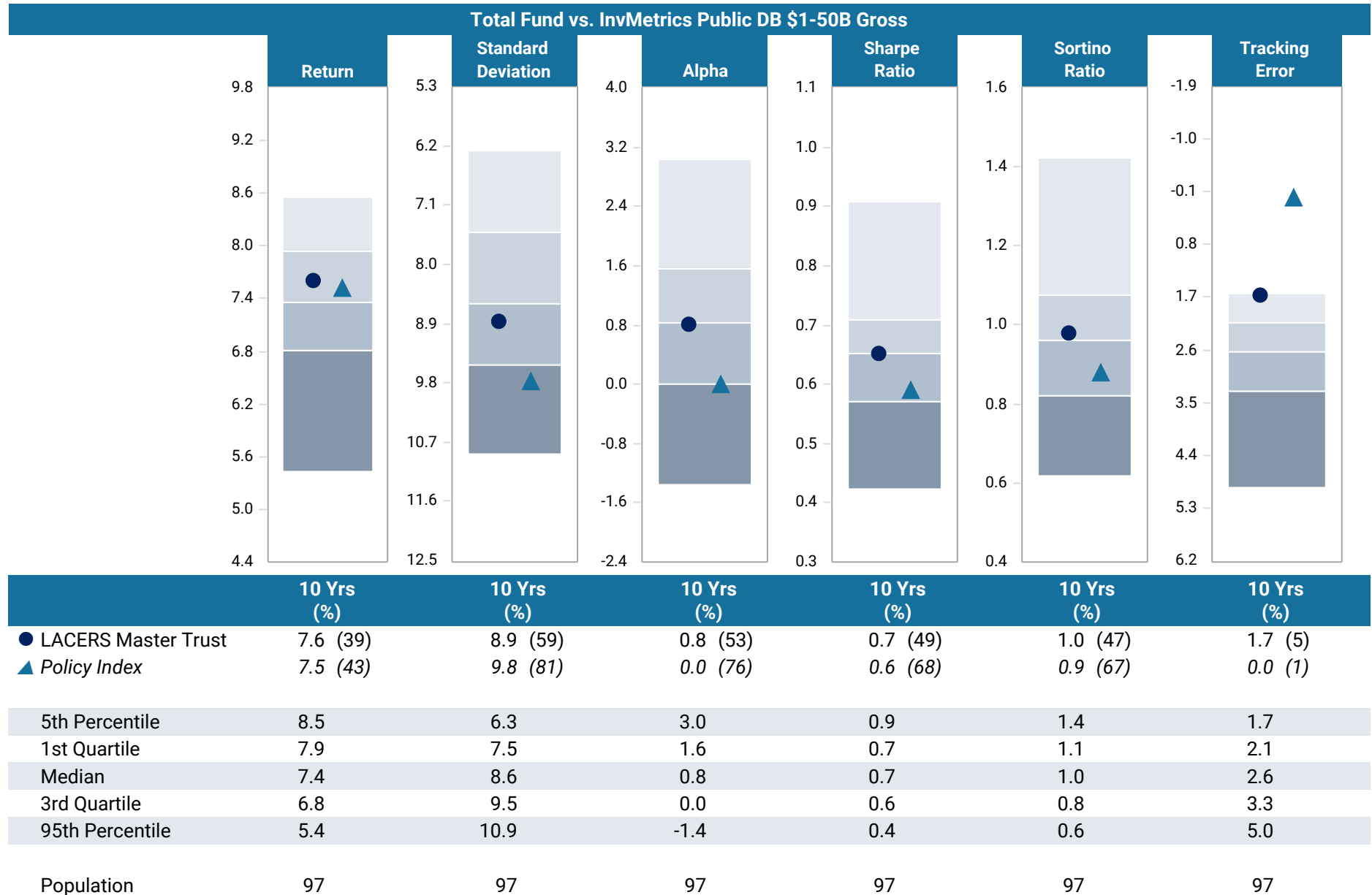


## Los Angeles City Employees' Retirement System-LACERS Master Trust

**RISK STATISTICS VS. PEER UNIVERSE**

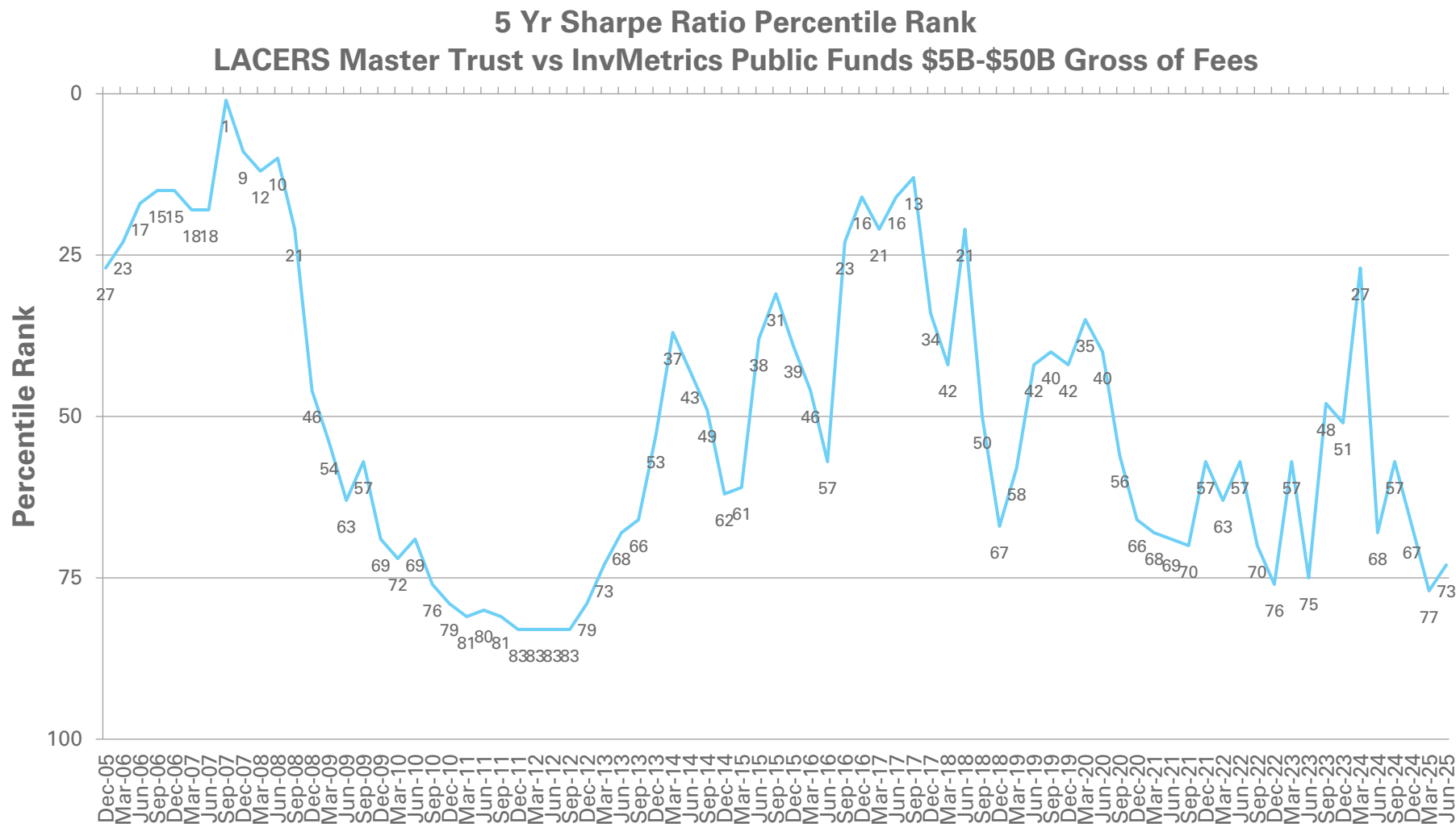
Los Angeles City Employees' Retirement System-LACERS Master Trust

# RISK STATISTICS VS. PEER UNIVERSE



# HISTORICAL RISK ADJUSTED RETURN

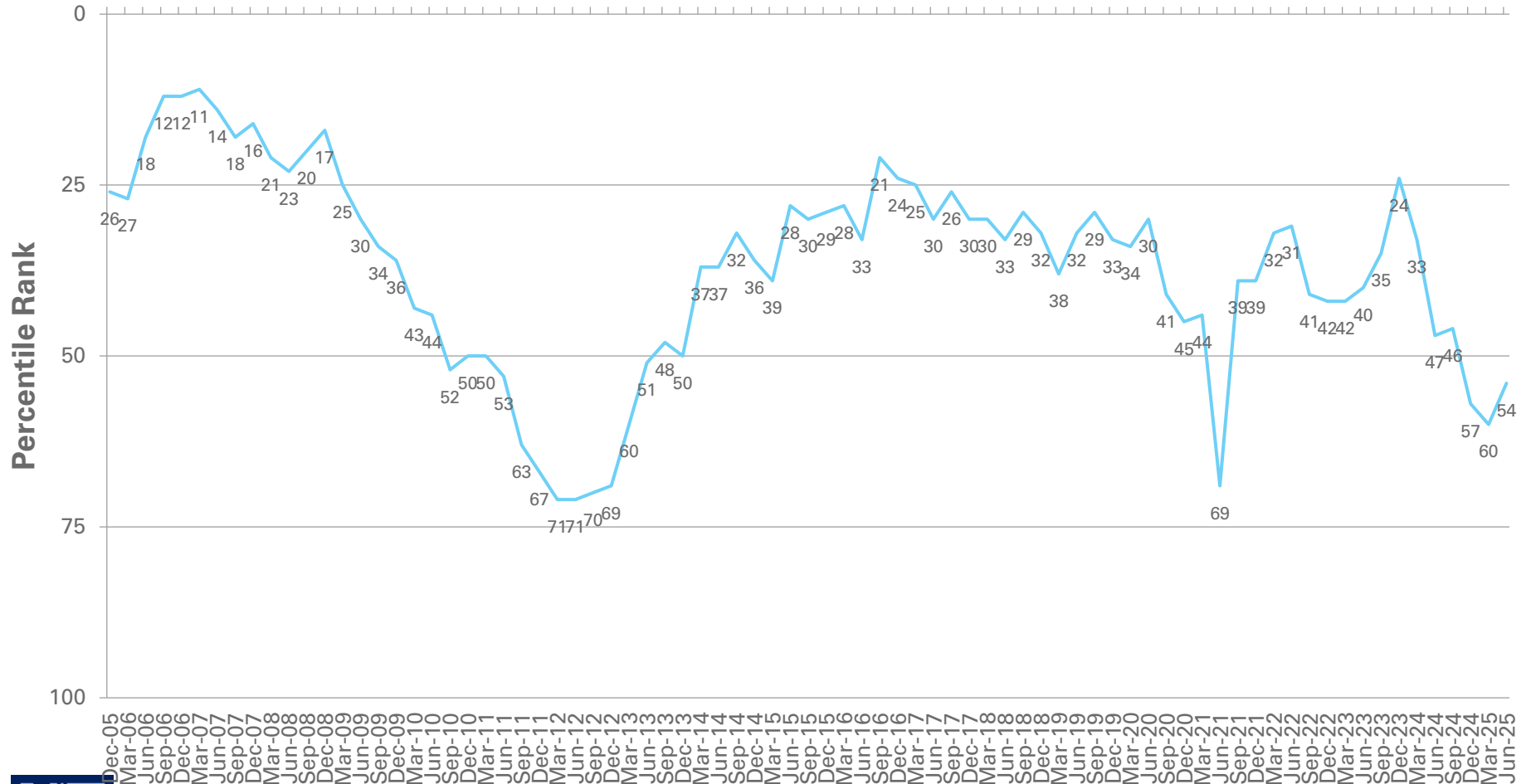
UNIVERSE COMPARISON (\$5-\$50 B GROSS OF FEES)



# HISTORICAL RISK ADJUSTED RETURN

## UNIVERSE COMPARISON (\$1-\$50 B GROSS OF FEES)

5 Yr Sharpe Ratio Percentile Rank  
LACERS Master Trust vs InvMetrics Public Funds \$1B-\$50B Gross of Fees

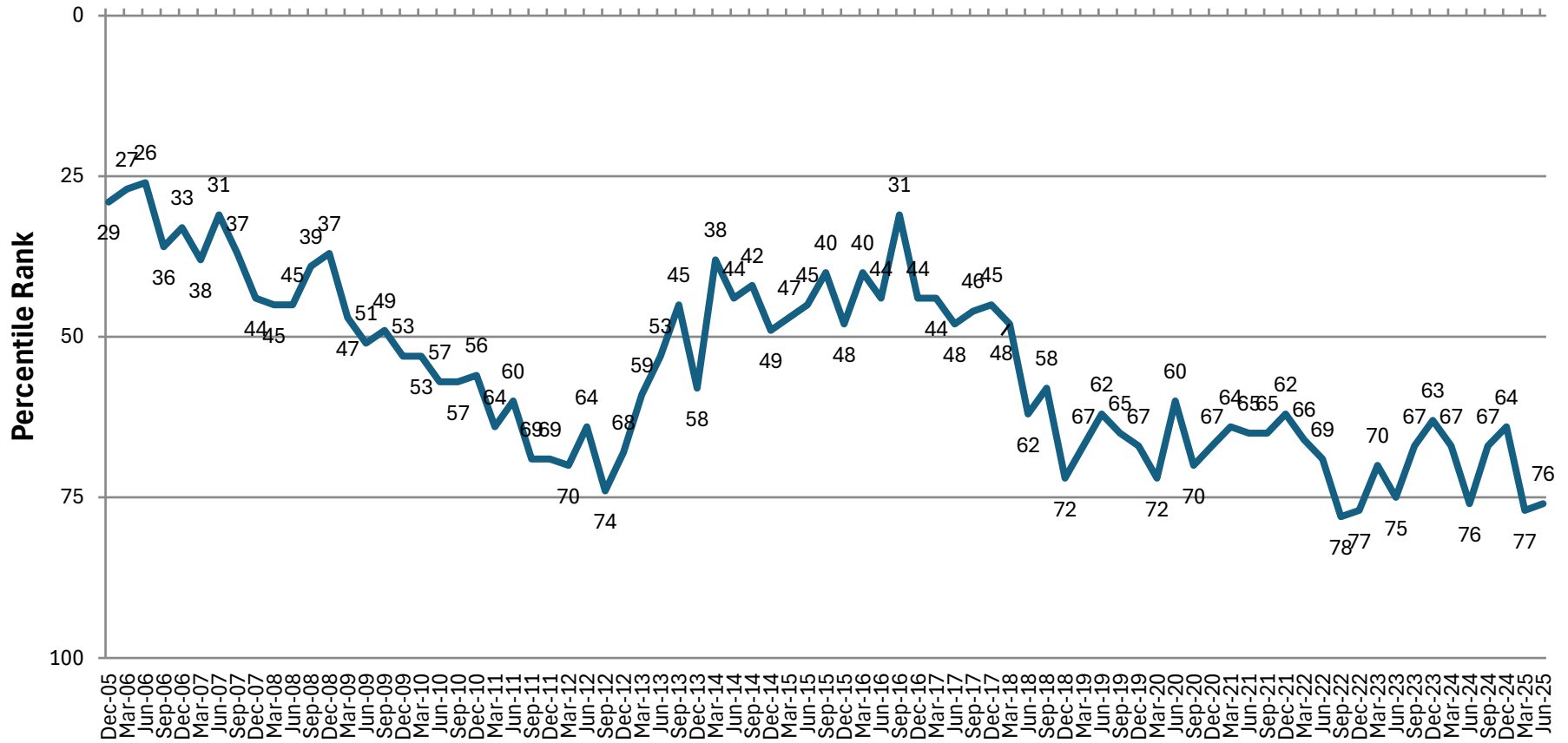


# HISTORICAL SORTINO RATIO

UNIVERSE COMPARISON (\$5-\$50 B GROSS OF FEES)

## 5 Yr Sortino Ratio Percentile Rank

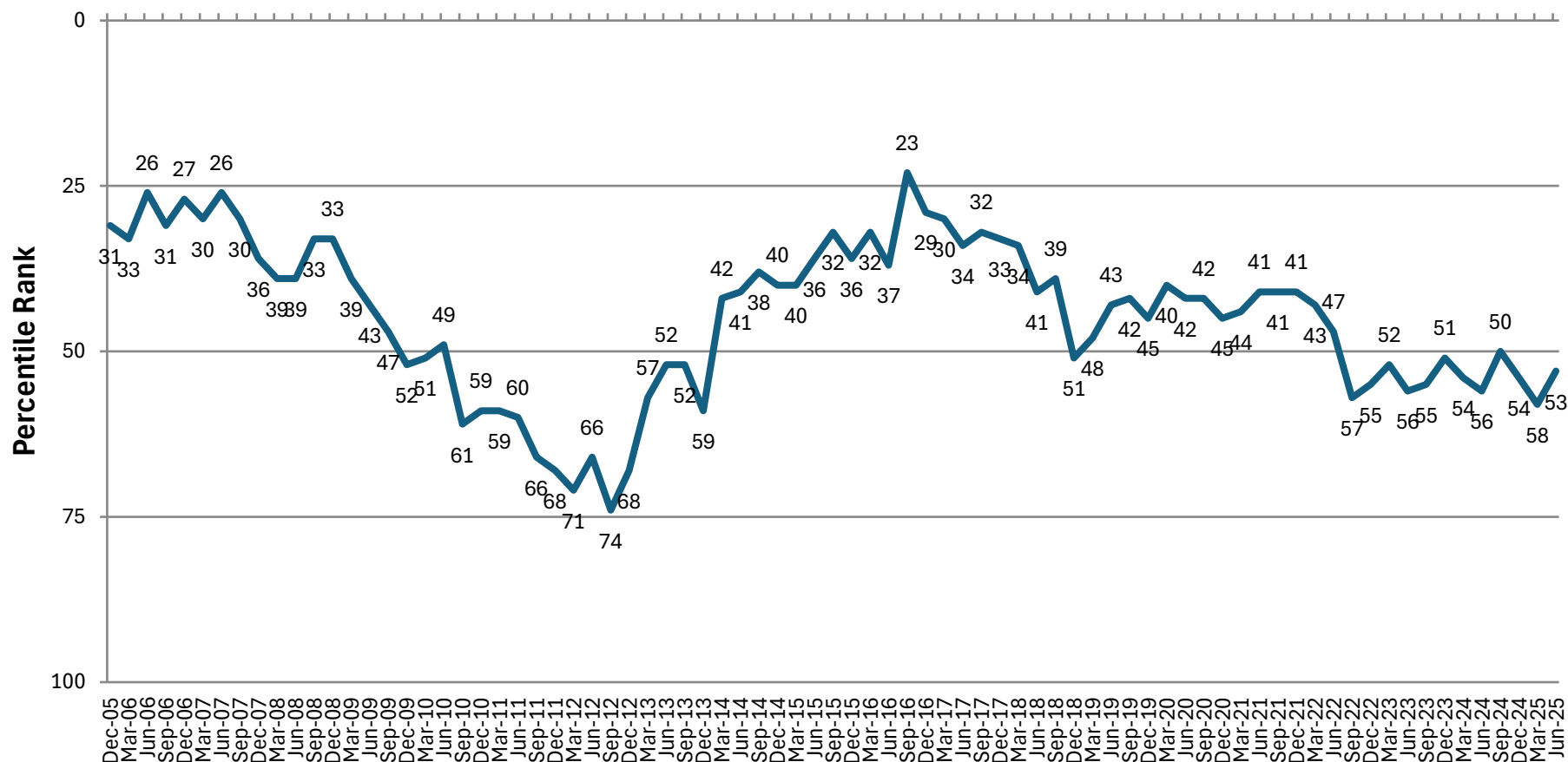
LACERS Master Trust vs InvMetrics Public Funds \$5B-\$50B Gross of Fees



# HISTORICAL SORTINO RATIO

UNIVERSE COMPARISON (\$1-\$50 B GROSS OF FEES)

**5 Yr Sortino Ratio Percentile Rank**  
**LACERS Master Trust vs InvMetrics Public Funds \$1B-\$50B Gross of Fees**



# U.S. EQUITY MANAGER PERFORMANCE

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**U.S EQUITY (GROSS)**

|                                      | Allocation           |                | Performance (%) |             |              |              |              |              |               |                |
|--------------------------------------|----------------------|----------------|-----------------|-------------|--------------|--------------|--------------|--------------|---------------|----------------|
|                                      | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)   | Inception (%) | Inception Date |
| <b>U.S. Equity</b>                   | <b>5,500,167,764</b> | <b>100.00</b>  | <b>10.14</b>    | <b>4.52</b> | <b>13.80</b> | <b>17.57</b> | <b>15.24</b> | <b>12.36</b> | <b>9.55</b>   | <b>Sep-01</b>  |
| U.S. Equity Blend                    |                      |                | 10.99           | 5.75        | 15.30        | 19.08        | 15.96        | 12.96        | 9.49          |                |
| Over/Under                           |                      |                | -0.85           | -1.23       | -1.49        | -1.52        | -0.72        | -0.60        | 0.06          |                |
| RhumbLine Advisers Russell 2000      | 426,046,509          | 7.75           | 8.48            | -1.73       | 7.69         | 10.05        | 10.11        | 7.16         | 6.98          | Apr-15         |
| Russell 2000 Index                   |                      |                | 8.50            | -1.79       | 7.68         | 10.00        | 10.04        | 7.12         | 6.99          |                |
| Over/Under                           |                      |                | -0.02           | 0.06        | 0.01         | 0.05         | 0.08         | 0.03         | 0.00          |                |
| Rhumblne Advisers Russell 2000 Value | 126,003,507          | 2.29           | 4.98            | -3.07       | 5.58         | 7.61         |              |              | 6.38          | Jan-21         |
| Russell 2000 Value Index             |                      |                | 4.97            | -3.16       | 5.54         | 7.45         |              |              | 6.29          |                |
| Over/Under                           |                      |                | 0.02            | 0.09        | 0.05         | 0.15         |              |              | 0.09          |                |
| Informed Momentum Company            | 99,900,710           | 1.82           | 7.85            | -9.46       | 3.26         | 7.99         | 5.56         |              | 8.85          | Oct-15         |
| Russell 2000 Growth Index            |                      |                | 11.97           | -0.48       | 9.73         | 12.38        | 7.42         |              | 8.88          |                |
| Over/Under                           |                      |                | -4.12           | -8.98       | -6.47        | -4.40        | -1.86        |              | -0.03         |                |
| Principal Global Investors           | 434,236,170          | 7.89           | 5.91            | 6.17        | 17.14        | 18.74        | 14.61        | 13.44        | 13.64         | Aug-14         |
| Russell Midcap Index                 |                      |                | 8.53            | 4.84        | 15.21        | 14.33        | 13.11        | 9.89         | 9.97          |                |
| Over/Under                           |                      |                | -2.62           | 1.33        | 1.93         | 4.41         | 1.50         | 3.55         | 3.67          |                |
| RhumbLine Advisers S&P 500           | 3,830,733,355        | 69.65          | 10.92           | 6.19        | 15.02        | 19.73        | 16.67        | 13.59        | 7.92          | Sep-00         |
| S&P 500 Index                        |                      |                | 10.94           | 6.20        | 15.16        | 19.71        | 16.64        | 13.65        | 7.84          |                |
| Over/Under                           |                      |                | -0.02           | -0.01       | -0.14        | 0.02         | 0.03         | -0.05        | 0.08          |                |
| Copeland Capital Management          | 272,609,723          | 4.96           | 4.44            | -3.18       | -0.48        | 9.18         |              |              | 10.97         | Oct-20         |
| Russell 2000 Index                   |                      |                | 8.50            | -1.79       | 7.68         | 10.00        |              |              | 9.48          |                |
| Over/Under                           |                      |                | -4.06           | -1.40       | -8.16        | -0.82        |              |              | 1.49          |                |
| Granahan Investment Management       | 178,949,527          | 3.25           | 27.94           | 14.96       | 48.55        | 22.50        |              |              | 9.43          | Oct-20         |
| Russell 2000 Growth Index            |                      |                | 11.97           | -0.48       | 9.73         | 12.38        |              |              | 6.27          |                |
| Over/Under                           |                      |                | 15.97           | 15.44       | 38.82        | 10.12        |              |              | 3.16          |                |
| Segall, Bryant & Hamill              | 131,577,974          | 2.39           | 6.14            | -2.46       | 9.61         | 8.98         |              |              | 10.74         | Oct-20         |
| Russell 2000 Value Index             |                      |                | 4.97            | -3.16       | 5.54         | 7.45         |              |              | 12.57         |                |
| Over/Under                           |                      |                | 1.17            | 0.70        | 4.08         | 1.53         |              |              | -1.83         |                |

Note: All portfolios in U.S. Equity have mid-month inception dates. Since inception return is calculated from the first full month of performance. eA = eVestment

Refer to appendix for blended benchmark definitions.

Informed Momentum Company: Rebranding as of 2/4/25

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**U.S. EQUITY (NET)**

|                                                  | Allocation           |                | Performance (%) |             |              |              |              |              |               |                |
|--------------------------------------------------|----------------------|----------------|-----------------|-------------|--------------|--------------|--------------|--------------|---------------|----------------|
|                                                  | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)   | Inception (%) | Inception Date |
| <b>U.S. Equity</b>                               | <b>5,500,167,764</b> | <b>100.00</b>  | <b>10.11</b>    | <b>4.46</b> | <b>13.69</b> | <b>17.45</b> | <b>15.13</b> | <b>12.27</b> | <b>9.37</b>   | <b>Sep-01</b>  |
| U.S. Equity Blend                                |                      |                | 10.99           | 5.75        | 15.30        | 19.08        | 15.96        | 12.96        | 9.49          |                |
| Over/Under                                       |                      |                | -0.88           | -1.29       | -1.60        | -1.63        | -0.83        | -0.68        | -0.12         |                |
| All Public Plans > \$1B-US Equity Segment Median |                      |                |                 |             |              |              |              |              |               |                |
| RhumbLine Advisers Russell 2000                  | 426,046,509          | 7.75           | 8.48 (36)       | -1.73 (48)  | 7.68 (40)    | 10.05 (53)   | 10.11 (68)   | 7.15 (70)    | 6.98 (70)     | Apr-15         |
| Russell 2000 Index                               |                      |                | 8.50 (36)       | -1.79 (48)  | 7.68 (40)    | 10.00 (53)   | 10.04 (68)   | 7.12 (71)    | 6.99 (70)     |                |
| Over/Under                                       |                      |                | -0.02           | 0.06        | 0.00         | 0.05         | 0.07         | 0.03         | -0.01         |                |
| eV US Small Cap Equity Median                    |                      |                | 7.05            | -2.05       | 6.04         | 10.24        | 12.02        | 7.95         | 7.77          |                |
| Rhumbline Advisers Russell 2000 Value            | 126,003,507          | 2.29           | 4.98 (51)       | -3.08 (72)  | 5.58 (65)    | 7.60 (80)    |              |              | 6.38 (79)     | Jan-21         |
| Russell 2000 Value Index                         |                      |                | 4.97 (51)       | -3.16 (72)  | 5.54 (65)    | 7.45 (83)    |              |              | 6.29 (80)     |                |
| Over/Under                                       |                      |                | 0.02            | 0.08        | 0.04         | 0.15         |              |              | 0.09          |                |
| eV US Small-Mid Cap Value Equity Median          |                      |                | 5.04            | -0.73       | 7.30         | 10.70        |              |              | 8.34          |                |
| Informed Momentum Company                        | 99,900,710           | 1.82           | 7.72 (77)       | -9.69 (99)  | 2.76 (80)    | 7.32 (84)    | 4.88 (83)    |              | 8.12 (91)     | Oct-15         |
| Russell 2000 Growth Index                        |                      |                | 11.97 (37)      | -0.48 (45)  | 9.73 (32)    | 12.38 (39)   | 7.42 (58)    |              | 8.88 (81)     |                |
| Over/Under                                       |                      |                | -4.25           | -9.21       | -6.97        | -5.06        | -2.54        |              | -0.76         |                |
| eV US Small Cap Growth Equity Median             |                      |                | 10.62           | -1.07       | 7.10         | 10.78        | 8.15         |              | 10.47         |                |
| Principal Global Investors                       | 434,236,170          | 7.89           | 5.81 (63)       | 5.98 (24)   | 16.74 (22)   | 18.32 (13)   | 14.22 (31)   | 13.02 (4)    | 13.24 (5)     | Aug-14         |
| Russell Midcap Index                             |                      |                | 8.53 (43)       | 4.84 (33)   | 15.21 (28)   | 14.33 (38)   | 13.11 (41)   | 9.89 (44)    | 9.97 (46)     |                |
| Over/Under                                       |                      |                | -2.72           | 1.15        | 1.53         | 3.99         | 1.11         | 3.14         | 3.27          |                |
| eV US Mid Cap Equity Median                      |                      |                | 7.48            | 3.08        | 11.28        | 13.11        | 12.02        | 9.44         | 9.65          |                |
| RhumbLine Advisers S&P 500                       | 3,830,733,355        | 69.65          | 10.92 (38)      | 6.19 (45)   | 15.02 (33)   | 19.73 (33)   | 16.66 (24)   | 13.59 (24)   | 9.64 (9)      | Sep-00         |
| S&P 500 Index                                    |                      |                | 10.94 (38)      | 6.20 (45)   | 15.16 (32)   | 19.71 (33)   | 16.64 (24)   | 13.65 (23)   | 7.84 (63)     |                |
| Over/Under                                       |                      |                | -0.02           | -0.01       | -0.15        | 0.02         | 0.02         | -0.06        | 1.80          |                |
| eV US Large Cap Equity Median                    |                      |                | 8.86            | 5.93        | 13.38        | 16.85        | 14.95        | 11.63        | 8.16          |                |

Note: All portfolios in U.S. Equity have mid-month inception dates. Since inception return is calculated from the first full month of performance. eA = eVestment

Refer to appendix for blended benchmark definitions.

Informed Momentum Company: Rebranding as of 2/4/25

## Los Angeles City Employees' Retirement System-LACERS Master Trust

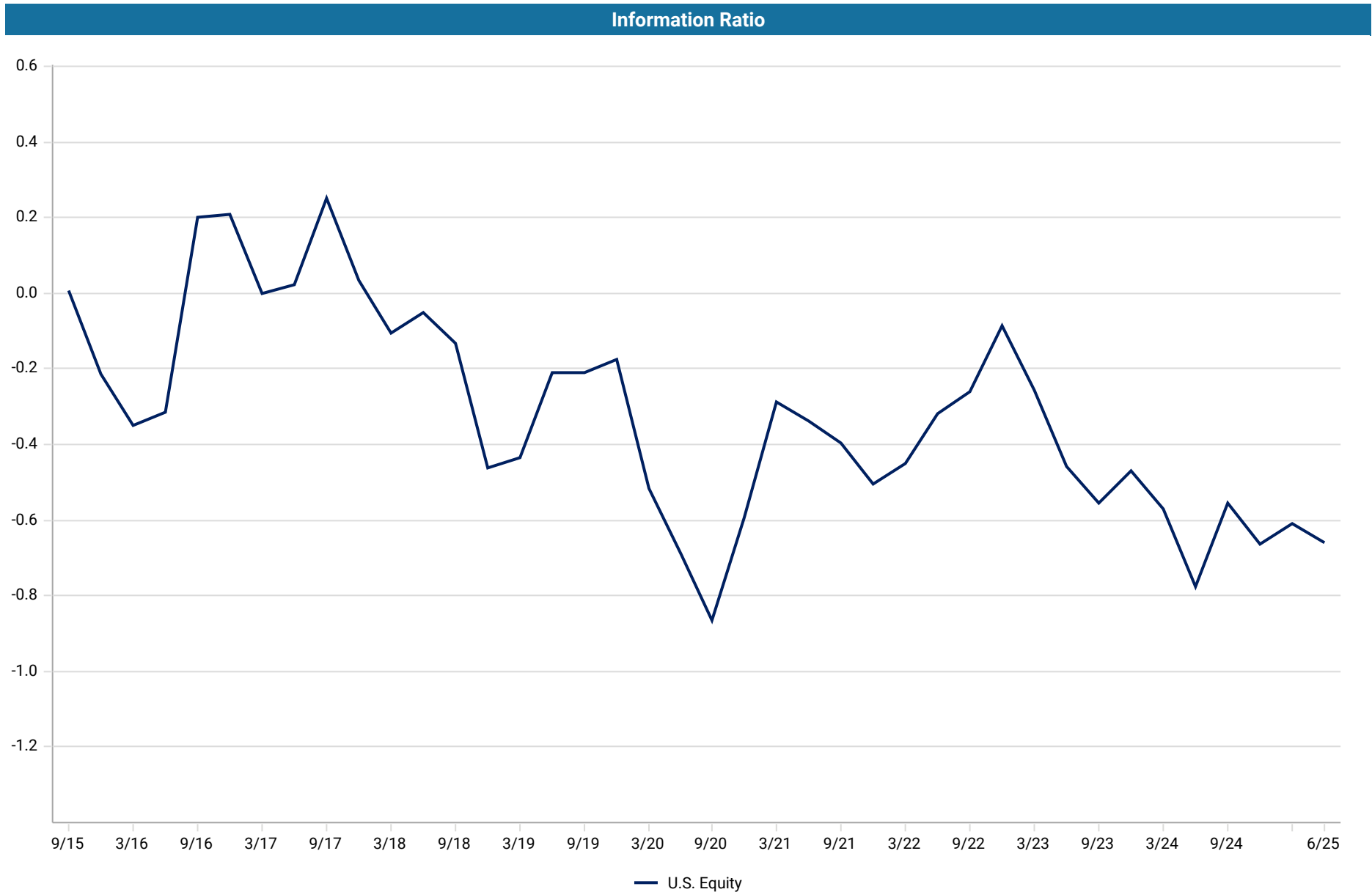
**U.S. EQUITY (NET)**

|                                      | Allocation        |                | Performance (%) |            |            |            |           |            |               |                |
|--------------------------------------|-------------------|----------------|-----------------|------------|------------|------------|-----------|------------|---------------|----------------|
|                                      | Market Value (\$) | % of Portfolio | 3 Mo (%)        | YTD (%)    | 1 Yr (%)   | 3 Yrs (%)  | 5 Yrs (%) | 10 Yrs (%) | Inception (%) | Inception Date |
| Copeland Capital Management          | 272,609,723       | 4.96           | 4.32 (76)       | -3.41 (66) | -0.93 (92) | 8.69 (68)  |           |            | 10.51 (59)    | Oct-20         |
| Russell 2000 Index                   |                   |                | 8.50 (36)       | -1.79 (48) | 7.68 (40)  | 10.00 (53) |           |            | 9.48 (68)     |                |
| Over/Under                           |                   |                | -4.18           | -1.62      | -8.61      | -1.31      |           |            | 1.03          |                |
| eV US Small Cap Equity Median        |                   |                | 7.05            | -2.05      | 6.04       | 10.24      |           |            | 11.75         |                |
| Granahan Investment Management       | 178,949,527       | 3.25           | 27.73 (1)       | 14.58 (1)  | 47.59 (1)  | 21.70 (2)  |           |            | 8.70 (26)     | Oct-20         |
| Russell 2000 Growth Index            |                   |                | 11.97 (37)      | -0.48 (45) | 9.73 (32)  | 12.38 (39) |           |            | 6.27 (57)     |                |
| Over/Under                           |                   |                | 15.77           | 15.06      | 37.86      | 9.31       |           |            | 2.43          |                |
| eV US Small Cap Growth Equity Median |                   |                | 10.62           | -1.07      | 7.10       | 10.78      |           |            | 6.61          |                |
| Segall, Bryant & Hamill              | 131,577,974       | 2.39           | 5.98 (37)       | -2.75 (51) | 8.98 (23)  | 8.35 (66)  |           |            | 10.11 (93)    | Oct-20         |
| Russell 2000 Value Index             |                   |                | 4.97 (50)       | -3.16 (57) | 5.54 (47)  | 7.45 (76)  |           |            | 12.57 (68)    |                |
| Over/Under                           |                   |                | 1.01            | 0.41       | 3.45       | 0.89       |           |            | -2.46         |                |
| eV US Small Cap Value Equity Median  |                   |                | 4.94            | -2.67      | 5.08       | 9.48       |           |            | 13.78         |                |

Note: All portfolios in U.S. Equity have mid-month inception dates. Since inception return is calculated from the first full month of performance. eA = eVestment  
Refer to appendix for blended benchmark definitions.

Los Angeles City Employees' Retirement System-LACERS Master Trust

# U.S. EQUITY ROLLING 5 YEAR INFORMATION RATIO



# INVESTMENT MANAGER REPORT CARD

## U.S. EQUITY

| U.S. Equity Managers       | Inception Date | Mandate          | Current Quarter (Net) |          | One Year (Net) |          | Three Years (Net) |          | Five Years (Net) |          | Since Inception (Net) | Annual Mgt Fee Paid \$ (000) | Comments                                                                                        |
|----------------------------|----------------|------------------|-----------------------|----------|----------------|----------|-------------------|----------|------------------|----------|-----------------------|------------------------------|-------------------------------------------------------------------------------------------------|
|                            |                |                  | Index                 | Universe | Index          | Universe | Index             | Universe | Index            | Universe |                       |                              |                                                                                                 |
| Principal Global Investors | Jul-14         | Mid Cap          | ✖                     | ✖        | ✓              | ✓        | ✓                 | ✓        | ✓                | ✓        | ✓                     | 1,233.0                      | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| Informed Momentum Company  | Sep-15         | Small Cap Growth | ✖                     | ✖        | ✖              | ✖        | ✖                 | ✖        | ✖                | ✖        | ✖                     | 598.3                        | Placed on Watch as of 5/28/24 due to performance.                                               |
| Copeland                   | Oct-20         | Small Cap Core   | ✖                     | ✖        | ✖              | ✖        | ✖                 | ✖        | N/A              | N/A      | ✓                     | 1,225.8                      | Placed on Watch as of 3/19/25 due to performance.                                               |
| Granahan                   | Oct-20         | Small Cap Growth | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | N/A              | N/A      | ✓                     | 863.4                        | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| Segall Bryant & Hamill     | Oct-20         | Small Cap Value  | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✖        | N/A              | N/A      | ✖                     | 708.3                        | Placed on Watch as of 8/30/24 due to performance; on-watch status extended for underperformance |
| RhumbLine (Passive)        | Dec-20         | R2000 Value      | ✓                     | ✖        | ✓              | ✖        | ✓                 | ✖        | N/A              | N/A      | ✓                     | 5.3                          | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| RhumbLine (Passive)        | Feb-93         | S&P 500          | ✖                     | ✓        | ✖              | ✓        | ✓                 | ✓        | ✓                | ✓        | ✓✓                    | 142.8                        | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| RhumbLine (Passive)        | Jun-15         | R2000            | ✖                     | ✓        | =              | ✓        | ✓                 | ✖        | ✓                | ✖        | ✖                     | 13.2                         | Performance compliant with LACERS' Manager Monitoring Policy                                    |

Note: Managers are placed on Watch List for concerns with organization, process and performance. Managers are normally on the Watch List for 12 months though may be longer if manager issues remain but not severe enough to warrant termination recommendation.

- Annual Management Fee Paid as of fiscal year ending June 30, 2024.
- \* Where net of fees performance is not available gross of fee returns are evaluated.

| Legend |                |
|--------|----------------|
| ✓      | Outperformed   |
| ✖      | Underperformed |
| =      | Equal to       |
| ✓✓     | Gross Return   |



Note: Informed Momentum Company was rebranded from EAM Investors as of 2/4/25.

# NON-U.S. EQUITY MANAGER PERFORMANCE

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**NON-U.S. EQUITY (GROSS)**

|                                    | Allocation           |                | Performance (%) |              |              |              |              |             |               |                |
|------------------------------------|----------------------|----------------|-----------------|--------------|--------------|--------------|--------------|-------------|---------------|----------------|
|                                    | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)      | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Non-U.S. Equity</b>             | <b>5,999,941,806</b> | <b>100.00</b>  | <b>13.45</b>    | <b>18.01</b> | <b>18.18</b> | <b>13.84</b> | <b>10.86</b> | <b>7.09</b> | <b>5.83</b>   | <b>Nov-94</b>  |
| MSCI AC World ex USA (Net)         |                      |                | <u>12.03</u>    | <u>17.90</u> | <u>17.72</u> | <u>13.99</u> | <u>10.13</u> | <u>6.12</u> | -             |                |
| Over/Under                         |                      |                | 1.42            | 0.12         | 0.46         | -0.15        | 0.73         | 0.97        | -             |                |
| <b>Developed ex-U.S.</b>           | <b>4,026,596,048</b> | <b>67.11</b>   | <b>13.63</b>    | <b>20.36</b> | <b>21.09</b> | <b>15.09</b> | <b>11.54</b> | <b>7.38</b> | <b>8.60</b>   | <b>Jul-12</b>  |
| MSCI EAFE (Net)                    |                      |                | <u>11.78</u>    | <u>19.45</u> | <u>17.73</u> | <u>15.97</u> | <u>11.16</u> | <u>6.51</u> | <u>7.75</u>   |                |
| Over/Under                         |                      |                | 1.86            | 0.92         | 3.36         | -0.88        | 0.38         | 0.87        | 0.85          |                |
| Barrow Hanley                      | 666,889,275          | 11.11          | 12.65           | 23.81        | 23.77        | 14.07        | 16.39        | 7.75        | 6.98          | Dec-13         |
| MSCI EAFE Value Index (Net)        |                      |                | <u>10.11</u>    | <u>22.84</u> | <u>24.24</u> | <u>18.38</u> | <u>14.29</u> | <u>6.05</u> | <u>5.19</u>   |                |
| Over/Under                         |                      |                | 2.54            | 0.96         | -0.48        | -4.31        | 2.10         | 1.69        | 1.79          |                |
| Lazard Asset Management            | 541,663,615          | 9.03           | 14.39           | 20.04        | 17.82        | 13.68        | 9.76         | 6.07        | 6.08          | Dec-13         |
| MSCI EAFE (Net)                    |                      |                | <u>11.78</u>    | <u>19.45</u> | <u>17.73</u> | <u>15.97</u> | <u>11.16</u> | <u>6.51</u> | <u>5.76</u>   |                |
| Over/Under                         |                      |                | 2.62            | 0.59         | 0.10         | -2.29        | -1.40        | -0.44       | 0.32          |                |
| MFS Institutional Advisors         | 714,713,869          | 11.91          | 10.22           | 15.35        | 18.81        | 15.90        | 10.82        | 9.35        | 8.34          | Nov-13         |
| MSCI World ex USA Growth NR USD    |                      |                | <u>13.64</u>    | <u>16.02</u> | <u>12.63</u> | <u>13.72</u> | <u>8.11</u>  | <u>6.69</u> | <u>6.14</u>   |                |
| Over/Under                         |                      |                | -3.42           | -0.67        | 6.18         | 2.18         | 2.71         | 2.66        | 2.20          |                |
| Oberweis Asset Mgmt                | 441,408,310          | 7.36           | 21.33           | 25.87        | 30.41        | 13.42        | 7.61         | 8.34        | 8.25          | Feb-14         |
| MSCI EAFE Small Cap (Net)          |                      |                | <u>16.59</u>    | <u>20.89</u> | <u>22.46</u> | <u>13.30</u> | <u>9.28</u>  | <u>6.51</u> | <u>6.25</u>   |                |
| Over/Under                         |                      |                | 4.74            | 4.98         | 7.95         | 0.12         | -1.67        | 1.83        | 2.00          |                |
| SSgA World ex US IMI               | 1,302,169,122        | 21.70          | 12.68           | 19.49        | 19.67        | 15.80        | 11.84        | 7.15        | 5.51          | Jul-98         |
| MSCI World ex U.S. IMI Index (Net) |                      |                | <u>12.70</u>    | <u>19.26</u> | <u>19.30</u> | <u>15.41</u> | <u>11.26</u> | <u>6.64</u> | <u>5.50</u>   |                |
| Over/Under                         |                      |                | -0.02           | 0.23         | 0.38         | 0.38         | 0.58         | 0.50        | 0.00          |                |
| State Street EAFE SC               | 359,751,856          | 6.00           | 16.62           | 21.02        | 22.60        | 13.48        | -            | -           | 4.47          | Jan-21         |
| MSCI EAFE Small Cap (Net)          |                      |                | <u>16.59</u>    | <u>20.89</u> | <u>22.46</u> | <u>13.30</u> | -            | -           | <u>4.24</u>   |                |
| Over/Under                         |                      |                | 0.02            | 0.13         | 0.13         | 0.18         | -            | -           | 0.22          |                |

Note: The Barrow Hanley, Lazard, MFS, Oberweis, MSCI EAFE SC, Axiom Emerging Markets, DFA Emerging Markets, State Street Emerging Markets, Wasatch, portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

Axiom Custom Blended BM consists of MSCI Emerging Markets Growth(Net) through August 2020. MSCI Emerging Markets(Net) from September 2020 to present.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**NON-U.S. EQUITY (GROSS)**

|                                              | Allocation           |                | Performance (%) |              |              |              |              |             |               |                |
|----------------------------------------------|----------------------|----------------|-----------------|--------------|--------------|--------------|--------------|-------------|---------------|----------------|
|                                              | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)      | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)    | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Emerging Markets</b>                      | <b>1,973,345,757</b> | <b>32.89</b>   | <b>12.90</b>    | <b>12.53</b> | <b>11.69</b> | <b>10.62</b> | <b>8.94</b>  | <b>5.83</b> | <b>5.21</b>   | <b>Jul-12</b>  |
| <i>MSCI Emerging Markets (Net)</i>           |                      |                | <u>11.99</u>    | <u>15.27</u> | <u>15.29</u> | <u>9.70</u>  | <u>6.81</u>  | <u>4.81</u> | <u>4.56</u>   |                |
| Over/Under                                   |                      |                | 0.91            | -2.73        | -3.59        | 0.91         | 2.14         | 1.01        | 0.65          |                |
| <b>Axiom Emerging Markets</b>                | <b>370,387,943</b>   | <b>6.17</b>    | <b>15.66</b>    | <b>12.35</b> | <b>16.24</b> | <b>8.54</b>  | <b>5.14</b>  | <b>5.47</b> | <b>5.21</b>   | <b>May-14</b>  |
| <i>Axiom Custom Blended BM</i>               |                      |                | <u>11.99</u>    | <u>15.27</u> | <u>15.29</u> | <u>9.70</u>  | <u>7.28</u>  | <u>6.81</u> | <u>6.39</u>   |                |
| Over/Under                                   |                      |                | 3.67            | -2.92        | 0.95         | -1.16        | -2.14        | -1.34       | -1.18         |                |
| <i>MSCI Emerging Markets (Net)</i>           |                      |                | <u>11.99</u>    | <u>15.27</u> | <u>15.29</u> | <u>9.70</u>  | <u>6.81</u>  | <u>4.81</u> | <u>4.37</u>   |                |
| Over/Under                                   |                      |                | 3.67            | -2.92        | 0.95         | -1.16        | -1.67        | 0.66        | 0.84          |                |
| <i>MSCI Emerging Markets Growth (Net)</i>    |                      |                | <u>13.82</u>    | <u>15.72</u> | <u>17.69</u> | <u>9.18</u>  | <u>4.64</u>  | <u>5.49</u> | <u>5.21</u>   |                |
| Over/Under                                   |                      |                | 1.83            | -3.37        | -1.45        | -0.63        | 0.50         | -0.02       | 0.00          |                |
| <b>DFA Emerging Markets</b>                  | <b>656,963,404</b>   | <b>10.95</b>   | <b>11.22</b>    | <b>14.02</b> | <b>12.37</b> | <b>12.67</b> | <b>13.13</b> | <b>6.54</b> | <b>4.66</b>   | <b>Aug-14</b>  |
| <i>MSCI Emerging Markets Value (Net)</i>     |                      |                | <u>10.02</u>    | <u>14.77</u> | <u>12.66</u> | <u>10.22</u> | <u>9.07</u>  | <u>4.01</u> | <u>2.66</u>   |                |
| Over/Under                                   |                      |                | 1.20            | -0.75        | -0.29        | 2.46         | 4.07         | 2.53        | 2.00          |                |
| <b>State Street Emerging Markets</b>         | <b>603,865,349</b>   | <b>10.06</b>   | <b>11.29</b>    | <b>15.41</b> | <b>15.21</b> | <b>9.38</b>  | -            | -           | <b>1.12</b>   | <b>Jan-21</b>  |
| <i>MSCI Emerging Markets (Net)</i>           |                      |                | <u>11.99</u>    | <u>15.27</u> | <u>15.29</u> | <u>9.70</u>  | -            | -           | <u>1.30</u>   |                |
| Over/Under                                   |                      |                | -0.70           | 0.14         | -0.07        | -0.32        | -            | -           | -0.18         |                |
| <b>Wasatch Global Investors</b>              | <b>341,890,853</b>   | <b>5.70</b>    | <b>16.22</b>    | <b>5.51</b>  | <b>0.80</b>  | <b>10.62</b> | -            | -           | <b>2.92</b>   | <b>Jan-21</b>  |
| <i>MSCI Emerging Markets Small Cap (Net)</i> |                      |                | <u>17.17</u>    | <u>10.74</u> | <u>8.40</u>  | <u>13.81</u> | -            | -           | <u>7.76</u>   |                |
| Over/Under                                   |                      |                | -0.96           | -5.23        | -7.60        | -3.18        | -            | -           | -4.84         |                |
| <b>Sanctioned Asset</b>                      | <b>238,208</b>       | <b>0.00</b>    | <b>0.00</b>     | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | -            | -           | <b>0.00</b>   | <b>Jun-22</b>  |

Note: The Barrow Hanley, Lazard, MFS, Oberweis, MSCI EAFE SC, Axiom Emerging Markets, DFA Emerging Markets, State Street Emerging Markets, Wasatch, portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

Axiom Custom Blended BM consists of MSCI Emerging Markets Growth(Net) through August 2020. MSCI Emerging Markets(Net) from September 2020 to present.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**NON-U.S. EQUITY (NET)**

|                                 | Allocation           |                | Performance (%)   |                   |                   |                   |                   |                  |                  |                |
|---------------------------------|----------------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|----------------|
|                                 | Market Value (\$)    | % of Portfolio | 3 Mo (%)          | YTD (%)           | 1 Yr (%)          | 3 Yrs (%)         | 5 Yrs (%)         | 10 Yrs (%)       | Inception (%)    | Inception Date |
| <b>Non-U.S. Equity</b>          | <b>5,999,941,806</b> | <b>100.00</b>  | <b>13.33 (41)</b> | <b>17.78 (61)</b> | <b>17.68 (61)</b> | <b>13.44 (71)</b> | <b>10.48 (52)</b> | <b>6.71 (53)</b> | <b>6.54 (55)</b> | <b>Jun-01</b>  |
| MSCI AC World ex USA (Net)      |                      |                | <u>12.03</u> (61) | <u>17.90</u> (60) | <u>17.72</u> (61) | <u>13.99</u> (62) | <u>10.13</u> (57) | <u>6.12</u> (74) | <u>5.94</u> (80) |                |
| Over/Under                      |                      |                | 1.29              | -0.12             | -0.04             | -0.55             | 0.35              | 0.59             | 0.60             |                |
| eV All ACWI ex-US Equity Median |                      |                | 12.78             | 18.51             | 18.62             | 14.76             | 10.71             | 6.79             | 6.66             |                |
| <b>Developed ex-U.S.</b>        | <b>4,026,596,048</b> | <b>67.11</b>   | <b>13.55</b>      | <b>20.20</b>      | <b>20.77</b>      | <b>14.79</b>      | <b>11.25</b>      | <b>7.07</b>      | <b>8.31</b>      | <b>Jul-12</b>  |
| MSCI EAFE (Net)                 |                      |                | <u>11.78</u>      | <u>19.45</u>      | <u>17.73</u>      | <u>15.97</u>      | <u>11.16</u>      | <u>6.51</u>      | <u>7.75</u>      |                |
| Over/Under                      |                      |                | 1.78              | 0.76              | 3.05              | -1.18             | 0.09              | 0.56             | 0.56             |                |
| Barrow Hanley                   | 666,889,275          | 11.11          | 12.53 (38)        | 23.55 (33)        | 23.23 (39)        | 13.57 (81)        | 15.88 (22)        | 7.24 (19)        | 6.48 (22)        | Dec-13         |
| MSCI EAFE Value Index (Net)     |                      |                | <u>10.11</u> (74) | <u>22.84</u> (40) | <u>24.24</u> (31) | <u>18.38</u> (30) | <u>14.29</u> (43) | <u>6.05</u> (66) | <u>5.19</u> (63) |                |
| Over/Under                      |                      |                | 2.42              | 0.70              | -1.02             | -4.81             | 1.58              | 1.19             | 1.29             |                |
| eV EAFE Value Equity Median     |                      |                | 11.55             | 21.88             | 22.30             | 16.50             | 13.38             | 6.32             | 5.88             |                |
| Lazard Asset Management         | 541,663,615          | 9.03           | 14.25 (29)        | 19.76 (55)        | 17.30 (70)        | 13.17 (79)        | 9.26 (76)         | 5.54 (84)        | 5.56 (76)        | Dec-13         |
| MSCI EAFE (Net)                 |                      |                | <u>11.78</u> (61) | <u>19.45</u> (60) | <u>17.73</u> (67) | <u>15.97</u> (47) | <u>11.16</u> (54) | <u>6.51</u> (61) | <u>5.76</u> (69) |                |
| Over/Under                      |                      |                | 2.47              | 0.31              | -0.43             | -2.80             | -1.90             | -0.97            | -0.21            |                |
| eV All EAFE Equity Median       |                      |                | 12.35             | 20.19             | 19.68             | 15.73             | 11.31             | 6.76             | 6.08             |                |
| MFS Institutional Advisors      | 714,713,869          | 11.91          | 10.13 (72)        | 15.15 (65)        | 18.38 (45)        | 15.48 (35)        | 10.40 (32)        | 8.88 (13)        | 7.88 (15)        | Nov-13         |
| MSCI World ex USA Growth NR USD |                      |                | <u>13.64</u> (34) | <u>16.02</u> (55) | <u>12.63</u> (55) | <u>13.72</u> (61) | <u>8.11</u> (49)  | <u>6.69</u> (51) | <u>6.14</u> (46) |                |
| Over/Under                      |                      |                | -3.51             | -0.87             | 5.75              | 1.76              | 2.29              | 2.19             | 1.73             |                |
| eV EAFE All Cap Growth Median   |                      |                | 11.27             | 16.62             | 15.37             | 14.38             | 7.99              | 6.73             | 6.08             |                |
| Oberweis Asset Mgmt             | 441,408,310          | 7.36           | 21.13 (5)         | 25.43 (21)        | 29.47 (15)        | 12.59 (65)        | 6.78 (78)         | 7.48 (29)        | 7.38 (27)        | Feb-14         |
| MSCI EAFE Small Cap (Net)       |                      |                | <u>16.59</u> (56) | <u>20.89</u> (58) | <u>22.46</u> (58) | <u>13.30</u> (61) | <u>9.28</u> (57)  | <u>6.51</u> (66) | <u>6.25</u> (68) |                |
| Over/Under                      |                      |                | 4.54              | 4.54              | 7.01              | -0.71             | -2.51             | 0.96             | 1.13             |                |
| eV EAFE Small Cap Equity Median |                      |                | 17.23             | 22.85             | 23.81             | 14.28             | 10.72             | 7.14             | 6.89             |                |

Note: The Barrow Hanley, Lazard, MFS, Oberweis, MSCI EAFE SC, Axiom Emerging Markets, DFA Emerging Markets, State Street Emerging Markets, Wasatch, portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

Axiom Custom Blended BM consists of MSCI Emerging Markets Growth(Net) through August 2020. MSCI Emerging Markets(Net) from September 2020 to present.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**NON-U.S. EQUITY (NET)**

|                                    | Allocation           |                | Performance (%)   |                   |                   |                   |                   |                  |                  |                |
|------------------------------------|----------------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|----------------|
|                                    | Market Value (\$)    | % of Portfolio | 3 Mo (%)          | YTD (%)           | 1 Yr (%)          | 3 Yrs (%)         | 5 Yrs (%)         | 10 Yrs (%)       | Inception (%)    | Inception Date |
| SSgA World ex US IMI               | 1,302,169,122        | 21.70          | 12.67 (52)        | 19.47 (59)        | 19.64 (53)        | 15.77 (53)        | 11.82 (44)        | 7.13 (40)        | 5.48 (81)        | Jul-98         |
| MSCI World ex U.S. IMI Index (Net) |                      |                | <u>12.70</u> (52) | <u>19.26</u> (60) | <u>19.30</u> (55) | <u>15.41</u> (56) | <u>11.26</u> (51) | <u>6.64</u> (57) | <u>5.50</u> (80) |                |
| Over/Under                         |                      |                | -0.03             | 0.21              | 0.35              | 0.36              | 0.55              | 0.48             | -0.02            |                |
| eV EAFE Core Equity Median         |                      |                | 12.76             | 20.34             | 19.87             | 15.91             | 11.32             | 6.85             | 6.22             |                |
| State Street EAFE SC               | 359,751,856          | 6.00           | 16.61 (56)        | 21.00 (57)        | 22.55 (57)        | 13.44 (60)        | -                 | -                | 4.43 (59)        | Jan-21         |
| MSCI EAFE Small Cap (Net)          |                      |                | <u>16.59</u> (56) | <u>20.89</u> (58) | <u>22.46</u> (58) | <u>13.30</u> (61) | -                 | -                | <u>4.24</u> (60) |                |
| Over/Under                         |                      |                | 0.01              | 0.11              | 0.09              | 0.14              | -                 | -                | 0.18             |                |
| eV EAFE Small Cap Equity Median    |                      |                | 17.23             | 22.85             | 23.81             | 14.28             | -                 | -                | 5.10             |                |
| <b>Emerging Markets</b>            | <b>1,973,345,757</b> | <b>32.89</b>   | <b>12.67</b>      | <b>12.14</b>      | <b>10.79</b>      | <b>9.98</b>       | <b>8.34</b>       | <b>5.25</b>      | <b>4.60</b>      | <b>Jul-12</b>  |
| MSCI Emerging Markets (Net)        |                      |                | <u>11.99</u>      | <u>15.27</u>      | <u>15.29</u>      | <u>9.70</u>       | <u>6.81</u>       | <u>4.81</u>      | <u>4.56</u>      |                |
| Over/Under                         |                      |                | 0.68              | -3.13             | -4.49             | 0.28              | 1.53              | 0.43             | 0.04             |                |
| Axiom Emerging Markets             | 370,387,943          | 6.17           | 15.31 (17)        | 11.70 (84)        | 14.79 (51)        | 7.51 (89)         | 4.23 (88)         | 4.65 (71)        | 4.42 (72)        | May-14         |
| Axiom Custom Blended BM            |                      |                | <u>11.99</u> (62) | <u>15.27</u> (49) | <u>15.29</u> (44) | <u>9.70</u> (65)  | <u>7.28</u> (58)  | <u>6.81</u> (20) | <u>6.39</u> (16) |                |
| Over/Under                         |                      |                | 3.32              | -3.57             | -0.50             | -2.19             | -3.05             | -2.16            | -1.97            |                |
| eV Emg Mkts Equity Median          |                      |                | 12.65             | 15.14             | 14.82             | 11.15             | 8.05              | 5.37             | 4.94             |                |
| MSCI Emerging Markets (Net)        |                      |                | <u>11.99</u> (62) | <u>15.27</u> (49) | <u>15.29</u> (44) | <u>9.70</u> (65)  | <u>6.81</u> (62)  | <u>4.81</u> (68) | <u>4.37</u> (74) |                |
| Over/Under                         |                      |                | 3.32              | -3.57             | -0.50             | -2.19             | -2.58             | -0.16            | 0.05             |                |
| MSCI Emerging Markets Growth (Net) |                      |                | <u>13.82</u> (31) | <u>15.72</u> (42) | <u>17.69</u> (24) | <u>9.18</u> (74)  | <u>4.64</u> (85)  | <u>5.49</u> (47) | <u>5.21</u> (42) |                |
| Over/Under                         |                      |                | 1.49              | -4.02             | -2.90             | -1.67             | -0.41             | -0.84            | -0.79            |                |
| DFA Emerging Markets               | 656,963,404          | 10.95          | 11.08 (77)        | 13.75 (69)        | 11.81 (76)        | 12.17 (37)        | 12.62 (16)        | 6.03 (35)        | 4.16 (59)        | Aug-14         |
| MSCI Emerging Markets Value (Net)  |                      |                | <u>10.02</u> (87) | <u>14.77</u> (57) | <u>12.66</u> (70) | <u>10.22</u> (61) | <u>9.07</u> (40)  | <u>4.01</u> (88) | <u>2.66</u> (92) |                |
| Over/Under                         |                      |                | 1.07              | -1.02             | -0.85             | 1.95              | 3.56              | 2.02             | 1.51             |                |
| eV Emg Mkts Equity Median          |                      |                | 12.65             | 15.14             | 14.82             | 11.15             | 8.05              | 5.37             | 4.34             |                |
| State Street Emerging Markets      | 603,865,349          | 10.06          | 11.28 (75)        | 15.38 (47)        | 15.17 (45)        | 9.34 (70)         | -                 | -                | 1.08 (62)        | Jan-21         |
| MSCI Emerging Markets (Net)        |                      |                | <u>11.99</u> (62) | <u>15.27</u> (49) | <u>15.29</u> (44) | <u>9.70</u> (65)  | -                 | -                | <u>1.30</u> (62) |                |
| Over/Under                         |                      |                | -0.71             | 0.12              | -0.12             | -0.37             | -                 | -                | -0.22            |                |
| eV Emg Mkts Equity Median          |                      |                | 12.65             | 15.14             | 14.82             | 11.15             | -                 | -                | 2.55             |                |

Note: The Barrow Hanley, Lazard, MFS, Oberweis, MSCI EAFE SC, Axiom Emerging Markets, DFA Emerging Markets, State Street Emerging Markets, Wasatch, portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

Axiom Custom Blended BM consists of MSCI Emerging Markets Growth(Net) through August 2020. MSCI Emerging Markets(Net) from September 2020 to present.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**NON-U.S. EQUITY (NET)**

|                                       | Allocation        |                | Performance (%) |            |             |            |           |            |               |                |
|---------------------------------------|-------------------|----------------|-----------------|------------|-------------|------------|-----------|------------|---------------|----------------|
|                                       | Market Value (\$) | % of Portfolio | 3 Mo (%)        | YTD (%)    | 1 Yr (%)    | 3 Yrs (%)  | 5 Yrs (%) | 10 Yrs (%) | Inception (%) | Inception Date |
| Wasatch Global Investors              | 341,890,853       | 5.70           | 15.55 (59)      | 4.56 (98)  | -1.45 (100) | 9.09 (97)  | -         | -          | 1.61 (98)     | Jan-21         |
| MSCI Emerging Markets Small Cap (Net) |                   |                | 17.17 (46)      | 10.74 (79) | 8.40 (77)   | 13.81 (67) | -         | -          | 7.76 (66)     |                |
| Over/Under                            |                   |                | -1.62           | -6.18      | -9.85       | -4.71      | -         | -          | -6.15         |                |
| eV Emg Mkts Small Cap Equity Median   |                   |                | 16.05           | 13.39      | 11.94       | 15.41      | -         | -          | 9.38          |                |
| Sanctioned Asset                      | 238,208           | 0.00           | 0.00            | 0.00       | 0.00        | 0.00       | -         | -          | 0.00          | Jun-22         |

Note: The Barrow Hanley, Lazard, MFS, Oberweis, MSCI EAFE SC, Axiom Emerging Markets, DFA Emerging Markets, State Street Emerging Markets, Wasatch, portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

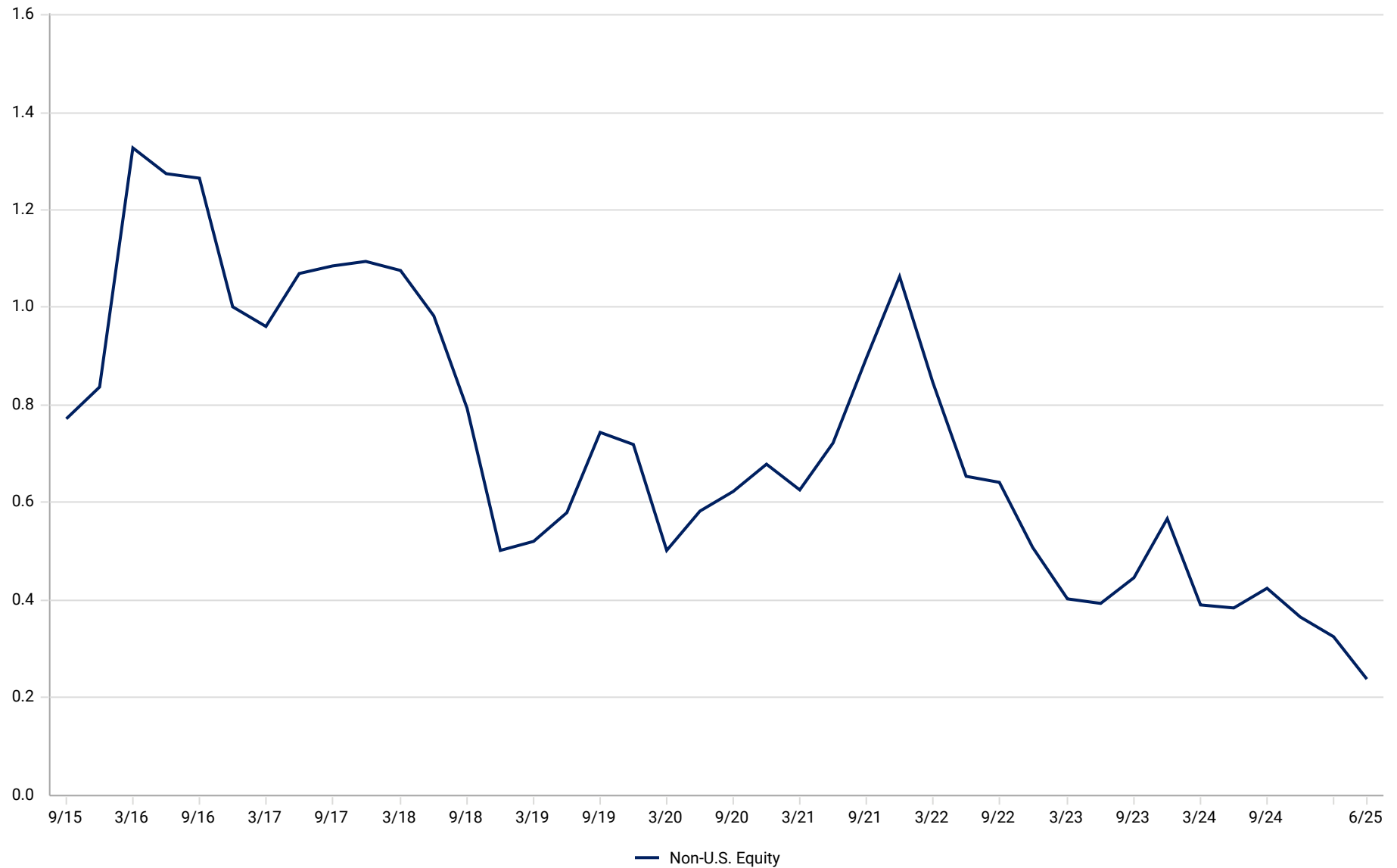
Refer to appendix for blended benchmark definitions.

Axiom Custom Blended BM consists of MSCI Emerging Markets Growth(Net) through August 2020. MSCI Emerging Markets(Net) from September 2020 to present.

Los Angeles City Employees' Retirement System-LACERS Master Trust

# NON-U.S. EQUITY ROLLING 5 YEAR INFORMATION R

## Information Ratio



# INVESTMENT MANAGER REPORT CARD

## NON-U.S. EQUITY

| Non-U.S. Equity Managers            | Inception Date | Mandate                      | Current Quarter (Net) |          | One Year (Net) |          | Three Years (Net) |          | Five Years (Net) |          | Since Inception (Net) | Annual Mgt Fee Paid \$ (000) | Comments                                                                                        |
|-------------------------------------|----------------|------------------------------|-----------------------|----------|----------------|----------|-------------------|----------|------------------|----------|-----------------------|------------------------------|-------------------------------------------------------------------------------------------------|
|                                     |                |                              | Index                 | Universe | Index          | Universe | Index             | Universe | Index            | Universe | Index                 |                              |                                                                                                 |
| SSgA (Passive)                      | Dec-20         | Emerging Markets             | ✖                     | ✖        | ✖              | ✓        | ✖                 | ✖        | N/A              | N/A      | ✖                     | 211.5                        | Placed on Watch as of 8/30/24 due to performance; watch status lifted in August 2025            |
| Axiom International                 | Mar-14         | Emerging Markets             | ✓                     | ✓        | ✖              | ✖        | ✖                 | ✖        | ✖                | ✖        | ✖                     | 2,702.9                      | Placed on Watch as of 4/4/23 due to performance.                                                |
| DFA Emerging Markets                | Jul-14         | Emerging Markets             | ✓                     | ✖        | ✖              | ✖        | ✓                 | ✓        | ✓                | ✓        | ✓                     | 2,381.7                      | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| Wasatch                             | Dec-20         | Emerging Markets Small Cap   | ✖                     | ✖        | ✖              | ✖        | ✖                 | ✖        | N/A              | N/A      | ✖                     | 3,106.2                      | Placed on Watch as of 6/5/25 due to performance.                                                |
| Oberweis Asset Mgt.                 | Jan-14         | Non-U.S. Developed           | ✓                     | ✓        | ✓              | ✓        | ✖                 | ✖        | ✖                | ✖        | ✓                     | 2,483.5                      | Placed on Watch as of 8/30/24 due to performance; watch status lifted in August 2025            |
| Barrow, Hanley, Mewhinney & Strauss | Nov-13         | Non-U.S. Developed           | ✓                     | ✓        | ✖              | ✓        | ✖                 | ✖        | ✓                | ✓        | ✓                     | 2,595.0                      | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| Lazard Asset Mgt.                   | Nov-13         | Non-U.S. Developed           | ✓                     | ✓        | ✖              | ✖        | ✖                 | ✖        | ✖                | ✖        | ✖                     | 2,661.5                      | Placed on Watch as of 5/28/24 due to performance; on-watch status extended for underperformance |
| MFS Institutional Advisors          | Oct-13         | Non-U.S. Developed           | ✖                     | ✖        | ✓              | ✓        | ✓                 | ✓        | ✓                | ✓        | ✓                     | 2,312.2                      | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| SsgA (Passive)                      | Dec-20         | Non-U.S. Developed Small Cap | ✓                     | ✖        | ✓              | ✖        | ✓                 | ✖        | N/A              | N/A      | ✓                     | 126.5                        | Performance compliant with LACERS' Manager Monitoring Policy                                    |
| SsgA (Passive)                      | Aug-93         | Non-U.S. Developed           | ✖                     | ✖        | ✓              | ✖        | ✓                 | ✖        | ✓                | ✓        | ✖                     | 437.9                        | Performance compliant with LACERS' Manager Monitoring Policy                                    |

Note: Managers are placed on Watch List for concerns with organization, process and performance. Managers are normally on the Watch List for 12 months though may be longer if manager issues remain but not severe enough to warrant termination recommendation.

- Annual Management Fee Paid as of fiscal year ending June 30, 2024.
- \* Where net of fees performance is not available gross of fee returns are evaluated.

| Legend |                |
|--------|----------------|
| ✓      | Outperformed   |
| ✖      | Underperformed |
| =      | Equal to       |
| ✓✓     | Gross Return   |

# CORE FIXED INCOME MANAGER PERFORMANCE

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**CORE FIXED INCOME (GROSS)**

|                                       | Allocation           |                | Performance (%) |             |             |             |              |             |               |                |
|---------------------------------------|----------------------|----------------|-----------------|-------------|-------------|-------------|--------------|-------------|---------------|----------------|
|                                       | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)    | 3 Yrs (%)   | 5 Yrs (%)    | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Core Fixed Income</b>              | <b>3,219,966,223</b> | <b>100.00</b>  | <b>1.26</b>     | <b>4.21</b> | <b>6.28</b> | <b>2.88</b> | <b>-0.19</b> | <b>2.22</b> | <b>2.43</b>   | <b>Jul-12</b>  |
| Core Fixed Income Blend               |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | <u>-0.73</u> | <u>1.76</u> | <u>1.85</u>   |                |
| Over/Under                            |                      |                | 0.05            | 0.19        | 0.21        | 0.33        | 0.53         | 0.46        | 0.59          |                |
| Loomis Sayles & Co. Core Fixed Income | 678,964,281          | 21.09          | 1.27            | 4.04        | 6.11        | 2.84        | -0.19        | 2.59        | 7.98          | Jul-80         |
| Loomis Custom Benchmark               |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | <u>-0.73</u> | <u>1.76</u> | <u>6.62</u>   |                |
| Over/Under                            |                      |                | 0.06            | 0.02        | 0.03        | 0.29        | 0.53         | 0.83        | 1.36          |                |
| SSgA U.S. Aggregate Bond              | 598,764,956          | 18.60          | 1.22            | 4.03        | 6.12        | 2.60        | -0.69        | 1.79        | 1.83          | Aug-14         |
| Blmbg. U.S. Aggregate Index           |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | <u>-0.73</u> | <u>1.76</u> | <u>1.80</u>   |                |
| Over/Under                            |                      |                | 0.02            | 0.01        | 0.04        | 0.05        | 0.04         | 0.03        | 0.03          |                |
| Baird Advisors Core Fixed Income      | 645,795,481          | 20.06          | 1.33            | 4.27        | 6.64        | 3.43        | -            | -           | -0.28         | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | -            | -           | <u>-0.82</u>  |                |
| Over/Under                            |                      |                | 0.12            | 0.25        | 0.57        | 0.88        | -            | -           | 0.55          |                |
| Garcia Hamilton & Associates          | 374,443,911          | 11.63          | 1.18            | 4.74        | 6.27        | 2.19        | -            | -           | -0.51         | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | -            | -           | <u>-0.82</u>  |                |
| Over/Under                            |                      |                | -0.03           | 0.71        | 0.20        | -0.36       | -            | -           | 0.31          |                |
| JP Morgan Investment Management       | 443,250,933          | 13.77          | 1.28            | 4.32        | 6.59        | 3.21        | -            | -           | -0.15         | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | -            | -           | <u>-0.82</u>  |                |
| Over/Under                            |                      |                | 0.08            | 0.30        | 0.51        | 0.66        | -            | -           | 0.67          |                |
| Income Research & Management          | 478,723,174          | 14.87          | 1.25            | 4.07        | 6.33        | 3.12        | -            | -           | -0.42         | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | <u>1.21</u>     | <u>4.02</u> | <u>6.08</u> | <u>2.55</u> | -            | -           | <u>-0.82</u>  |                |
| Over/Under                            |                      |                | 0.04            | 0.04        | 0.26        | 0.57        | -            | -           | 0.41          |                |

Note: All portfolios in Core Fixed Income have mid-month inception dates. Since inception return is calculated from the first full month of performance.

- Core Fixed Income Blend = 100% Bloomberg U.S. Aggregate Index

Refer to appendix for blended benchmark definitions.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**CORE FIXED INCOME (NET)**

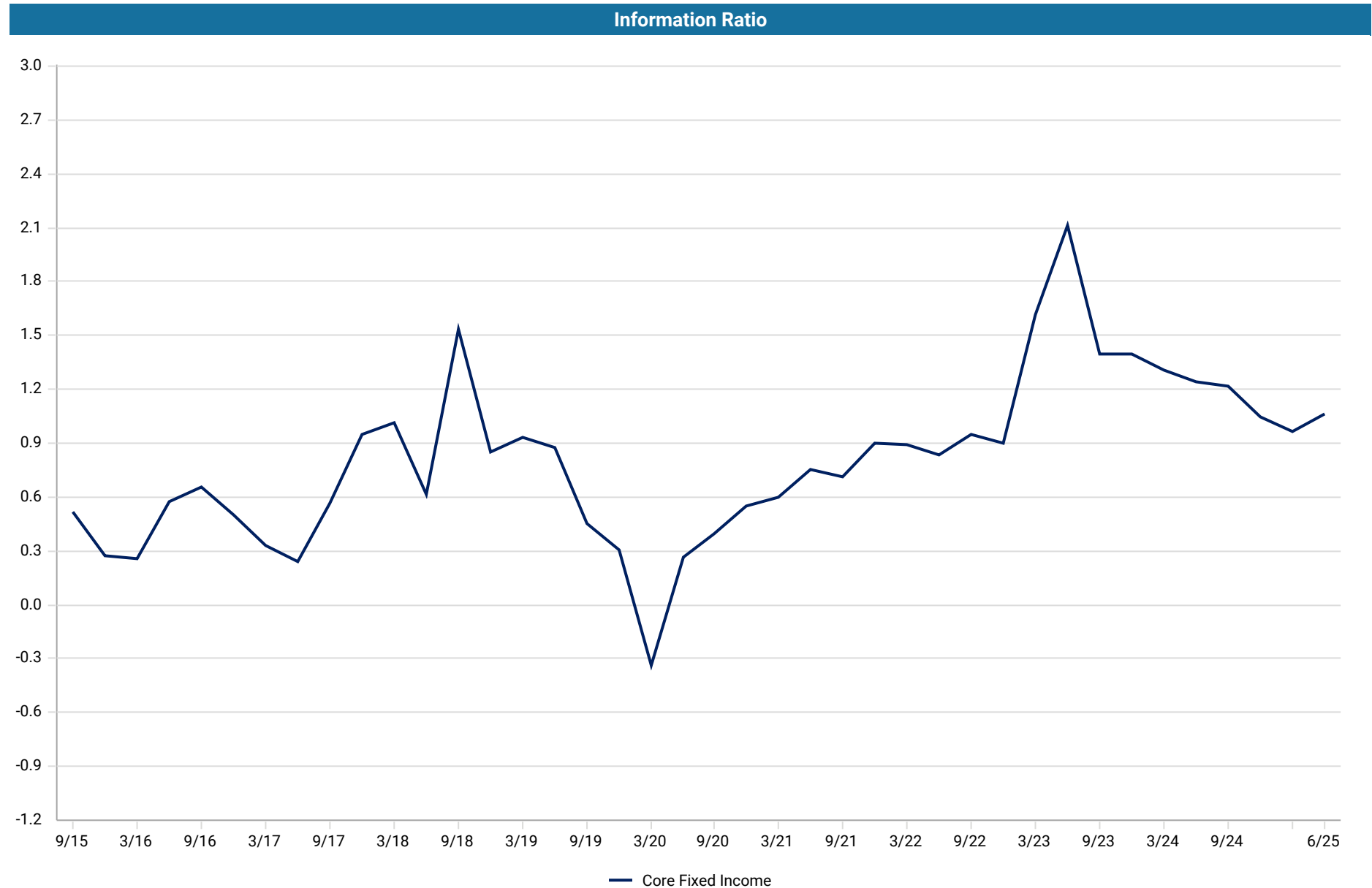
|                                       | Allocation           |                | Performance (%) |             |             |             |              |             |               |                |
|---------------------------------------|----------------------|----------------|-----------------|-------------|-------------|-------------|--------------|-------------|---------------|----------------|
|                                       | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)    | 3 Yrs (%)   | 5 Yrs (%)    | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Core Fixed Income</b>              | <b>3,219,966,223</b> | <b>100.00</b>  | <b>1.24</b>     | <b>4.16</b> | <b>6.18</b> | <b>2.78</b> | <b>-0.29</b> | <b>2.12</b> | <b>2.33</b>   | <b>Jul-12</b>  |
| Core Fixed Income Blend               |                      |                | 1.21            | 4.02        | 6.08        | 2.55        | -0.73        | 1.76        | 1.85          |                |
| Over/Under                            |                      |                | 0.03            | 0.14        | 0.11        | 0.23        | 0.44         | 0.36        | 0.48          |                |
| Loomis Sayles & Co. Core Fixed Income | 678,964,281          | 21.09          | 1.23 (58)       | 3.98 (65)   | 5.97 (72)   | 2.70 (67)   | -0.32 (44)   | 2.46 (8)    | 7.91 (-)      | Jul-80         |
| Loomis Custom Benchmark               |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -0.73 (86)   | 1.76 (83)   | 6.62 (-)      |                |
| Over/Under                            |                      |                | 0.03            | -0.05       | -0.10       | 0.15        | 0.40         | 0.70        | 1.28          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -0.39        | 2.02        | -             |                |
| SSgA U.S. Aggregate Bond              | 598,764,956          | 18.60          | 1.22 (63)       | 4.02 (54)   | 6.09 (58)   | 2.57 (82)   | -0.71 (86)   | 1.76 (84)   | 1.80 (82)     | Aug-14         |
| Blmbg. U.S. Aggregate Index           |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -0.73 (86)   | 1.76 (83)   | 1.80 (82)     |                |
| Over/Under                            |                      |                | 0.01            | 0.00        | 0.02        | 0.02        | 0.01         | 0.00        | 0.00          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -0.39        | 2.02        | 2.02          |                |
| Baird Advisors Core Fixed Income      | 645,795,481          | 20.06          | 1.30 (42)       | 4.21 (25)   | 6.53 (12)   | 3.32 (17)   | -            | -           | -0.38 (16)    | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -            | -           | -0.82 (75)    |                |
| Over/Under                            |                      |                | 0.09            | 0.19        | 0.45        | 0.77        | -            | -           | 0.44          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -            | -           | -0.67         |                |
| Garcia Hamilton & Associates          | 374,443,911          | 11.63          | 1.15 (83)       | 4.67 (2)    | 6.15 (53)   | 2.06 (98)   | -            | -           | -0.63 (45)    | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -            | -           | -0.82 (75)    |                |
| Over/Under                            |                      |                | -0.06           | 0.65        | 0.07        | -0.49       | -            | -           | 0.20          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -            | -           | -0.67         |                |
| JP Morgan Investment Management       | 443,250,933          | 13.77          | 1.28 (46)       | 4.28 (16)   | 6.49 (16)   | 3.10 (28)   | -            | -           | -0.26 (13)    | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -            | -           | -0.82 (75)    |                |
| Over/Under                            |                      |                | 0.08            | 0.26        | 0.41        | 0.55        | -            | -           | 0.56          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -            | -           | -0.67         |                |
| Income Research & Management          | 478,723,174          | 14.87          | 1.22 (64)       | 4.00 (59)   | 6.20 (46)   | 2.99 (39)   | -            | -           | -0.54 (33)    | Jul-21         |
| Blmbg. U.S. Aggregate Index           |                      |                | 1.21 (67)       | 4.02 (54)   | 6.08 (58)   | 2.55 (83)   | -            | -           | -0.82 (75)    |                |
| Over/Under                            |                      |                | 0.01            | -0.02       | 0.13        | 0.44        | -            | -           | 0.29          |                |
| eV US Core Fixed Inc Median           |                      |                | 1.26            | 4.04        | 6.16        | 2.86        | -            | -           | -0.67         |                |

Note: All portfolios in Core Fixed Income have mid-month inception dates. Since inception return is calculated from the first full month of performance.

- Core Fixed Income Blend = 100% Bloomberg U.S. Aggregate Index

Refer to appendix for blended benchmark definitions.

# CORE FIXED INCOME 3 YEAR INFORMATION RATIO



# INVESTMENT MANAGER REPORT CARD

## CORE FIXED INCOME

| Core Fixed Income Managers | Inception Date | Mandate | Current Quarter (Net) |          | One Year (Net) |          | Three Years (Net) |          | Five Years (Net) |          | Since Inception (Net) | Annual Mgt Fee Paid \$ (000) | Comments                                                     |
|----------------------------|----------------|---------|-----------------------|----------|----------------|----------|-------------------|----------|------------------|----------|-----------------------|------------------------------|--------------------------------------------------------------|
|                            |                |         | Index                 | Universe | Index          | Universe | Index             | Universe | Index            | Universe | Index                 |                              |                                                              |
| Loomis Sayles              | Jul-80         | Core    | ✓                     | ✗        | ✗              | ✗        | ✓                 | ✗        | ✓                | ✓        | ✓✓                    | 814.8                        | Performance compliant with LACERS' Manager Monitoring Policy |
| Baird Advisors             | Jul-21         | Core    | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | N/A              | N/A      | ✓                     | 659.3                        | Performance compliant with LACERS' Manager Monitoring Policy |
| Garcia Hamilton            | Jul-21         | Core    | ✗                     | ✗        | ✓              | ✗        | ✗                 | ✗        | N/A              | N/A      | ✓                     | 476.4                        | Performance compliant with LACERS' Manager Monitoring Policy |
| IR&M                       | Jul-21         | Core    | ✓                     | ✗        | ✓              | ✓        | ✓                 | ✓        | N/A              | N/A      | ✓                     | 535.8                        | Performance compliant with LACERS' Manager Monitoring Policy |
| J.P. Morgan                | Jul-21         | Core    | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | N/A              | N/A      | ✓                     | 516.9                        | Performance compliant with LACERS' Manager Monitoring Policy |
| SSgA (Passive)             | Aug-14         | Core    | ✓                     | ✗        | ✓              | ✗        | ✓                 | ✗        | ✓                | ✗        | =                     | 151.7                        | Performance compliant with LACERS' Manager Monitoring Policy |

Note: Managers are placed on Watch List for concerns with organization, process and performance. Managers are normally on the Watch List for 12 months though may be longer if manager issues remain but not severe enough to warrant termination recommendation.

- Annual Management Fee Paid as of fiscal year ending June 30, 2024.
- \* Where net of fees performance is not available gross of fee returns are evaluated.

| Legend |                |
|--------|----------------|
| ✓      | Outperformed   |
| ✗      | Underperformed |
| =      | Equal to       |
| ✓✓     | Gross Return   |

# CREDIT OPPORTUNITIES MANAGER PERFORMANCE

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**CREDIT OPPORTUNITIES (GROSS)**

|                                                                            | Allocation           |                | Performance (%) |             |              |             |             |             |               |                |
|----------------------------------------------------------------------------|----------------------|----------------|-----------------|-------------|--------------|-------------|-------------|-------------|---------------|----------------|
|                                                                            | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)     | 3 Yrs (%)   | 5 Yrs (%)   | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Credit Opportunities</b>                                                | <b>2,525,616,608</b> | <b>100.0</b>   | <b>3.91</b>     | <b>6.08</b> | <b>10.57</b> | <b>9.63</b> | <b>4.91</b> | <b>4.68</b> | <b>4.85</b>   | <b>Jul-13</b>  |
| Credit Opportunities Blend                                                 |                      |                | 3.06            | 5.37        | 9.40         | 8.90        | 4.46        | 4.73        | 4.88          |                |
| Over/Under                                                                 |                      |                | 0.86            | 0.71        | 1.17         | 0.73        | 0.45        | -0.04       | -0.03         |                |
| PGIM Blended                                                               | 542,114,092          | 21.5           | 5.76            | 8.80        | 12.60        | 9.99        |             |             | 1.51          | Feb-21         |
| 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified         |                      |                | 5.47            | 8.93        | 11.92        | 8.70        |             |             | 0.33          |                |
| Over/Under                                                                 |                      |                | 0.30            | -0.12       | 0.68         | 1.29        |             |             | 1.18          |                |
| Wellington                                                                 | 524,036,493          | 20.7           | 5.83            | 8.49        | 11.49        | 9.48        |             |             | 1.09          | Feb-21         |
| 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified         |                      |                | 5.47            | 8.93        | 11.92        | 8.70        |             |             | 0.33          |                |
| Over/Under                                                                 |                      |                | 0.36            | -0.44       | -0.43        | 0.79        |             |             | 0.76          |                |
| Bain Capital Senior Loan Fund, LP                                          | 301,021,894          | 11.9           | 2.08            | 2.33        | 6.90         | 9.28        | 7.52        | 5.16        | 5.16          | Jul-15         |
| S&P UBS Leveraged Loan Index                                               |                      |                | 2.33            | 2.96        | 7.50         | 9.54        | 7.39        | 5.14        | 5.14          |                |
| Over/Under                                                                 |                      |                | -0.25           | -0.63       | -0.60        | -0.25       | 0.13        | 0.02        | 0.02          |                |
| Polen Capital                                                              | 286,142,539          | 11.3           | 2.75            | 3.91        | 7.91         | 9.86        |             |             | 5.95          | Nov-20         |
| 50% BBgBarc US High Yield 2% Issuer Cap / 50% S&P UBS Leveraged Loan Index |                      |                | 2.93            | 3.76        | 8.90         | 9.77        |             |             | 6.16          |                |
| Over/Under                                                                 |                      |                | -0.18           | 0.15        | -0.99        | 0.09        |             |             | -0.21         |                |
| Loomis Sayles & Co. High Yield                                             | 396,091,029          | 15.7           | 3.76            | 4.81        | 11.92        | 9.88        |             |             | 5.24          | Nov-20         |
| Blmbg. U.S. High Yield - 2% Issuer Cap                                     |                      |                | 3.53            | 4.57        | 10.29        | 9.93        |             |             | 5.27          |                |
| Over/Under                                                                 |                      |                | 0.24            | 0.24        | 1.63         | -0.05       |             |             | -0.03         |                |
| <b>Private Credit</b>                                                      | <b>475,397,906</b>   | <b>18.8</b>    | <b>1.66</b>     | <b>5.23</b> | <b>9.47</b>  | <b>8.44</b> |             |             | <b>6.63</b>   | <b>Dec-20</b>  |
| S&P UBS Leveraged Loan Qtr Lag                                             |                      |                | 0.61            | 2.91        | 7.02         | 7.10        |             |             | 6.76          |                |
| Over/Under                                                                 |                      |                | 1.05            | 2.32        | 2.45         | 1.34        |             |             | -0.13         |                |

Note: All portfolios within Credit Opportunities have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**CREDIT OPPORTUNITIES (NET)**

|                                                                            | Allocation        |                | Performance (%) |           |            |           |           |            |               |        | Inception Date |
|----------------------------------------------------------------------------|-------------------|----------------|-----------------|-----------|------------|-----------|-----------|------------|---------------|--------|----------------|
|                                                                            | Market Value (\$) | % of Portfolio | 3 Mo (%)        | YTD (%)   | 1 Yr (%)   | 3 Yrs (%) | 5 Yrs (%) | 10 Yrs (%) | Inception (%) |        |                |
| Credit Opportunities                                                       | 2,525,616,608     | 100.0          | 3.84            | 5.92      | 10.25      | 9.30      | 4.60      | 4.35       | 4.52          | Jul-13 |                |
| Credit Opportunities Blend                                                 |                   |                | 3.06            | 5.37      | 9.40       | 8.90      | 4.46      | 4.73       | 4.88          |        |                |
| Over/Under                                                                 |                   |                | 0.79            | 0.56      | 0.85       | 0.39      | 0.14      | -0.38      | -0.36         |        |                |
| PGIM Blended                                                               | 542,114,092       | 21.5           | 5.68 (28)       | 8.60 (29) | 12.20 (33) | 9.62 (37) |           |            | 1.19 (52)     | Feb-21 |                |
| 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified         |                   |                | 5.47 (30)       | 8.93 (28) | 11.92 (34) | 8.70 (56) |           |            | 0.33 (78)     |        |                |
| Over/Under                                                                 |                   |                | 0.21            | -0.33     | 0.28       | 0.92      |           |            | 0.86          |        |                |
| eV All Emg Mkts Fixed Inc Median                                           |                   |                | 3.49            | 5.74      | 10.44      | 8.97      |           |            | 1.21          |        |                |
| Wellington                                                                 | 524,036,493       | 20.7           | 5.71 (28)       | 8.24 (31) | 10.97 (43) | 8.96 (51) |           |            | 0.63 (69)     | Feb-21 |                |
| 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified         |                   |                | 5.47 (30)       | 8.93 (28) | 11.92 (34) | 8.70 (56) |           |            | 0.33 (78)     |        |                |
| Over/Under                                                                 |                   |                | 0.24            | -0.69     | -0.95      | 0.27      |           |            | 0.30          |        |                |
| eV All Emg Mkts Fixed Inc Median                                           |                   |                | 3.49            | 5.74      | 10.44      | 8.97      |           |            | 1.21          |        |                |
| Bain Capital Senior Loan Fund, LP                                          | 301,021,894       | 11.9           | 2.08 (77)       | 2.33 (74) | 6.90 (63)  | 9.28 (43) | 7.52 (16) | 5.16 (14)  | 5.16 (14)     | Jul-15 |                |
| S&P UBS Leveraged Loan Index                                               |                   |                | 2.33 (51)       | 2.96 (24) | 7.50 (35)  | 9.54 (31) | 7.39 (22) | 5.14 (15)  | 5.14 (15)     |        |                |
| Over/Under                                                                 |                   |                | -0.25           | -0.63     | -0.60      | -0.25     | 0.13      | 0.02       | 0.02          |        |                |
| eV US Float-Rate Bank Loan Fixed Inc Median                                |                   |                | 2.33            | 2.69      | 7.09       | 9.17      | 6.82      | 4.59       | 4.59          |        |                |
| Polen Capital                                                              | 286,142,539       | 11.3           | 2.62 (86)       | 3.66 (80) | 7.38 (92)  | 9.31 (50) |           |            | 5.45 (34)     | Nov-20 |                |
| 50% BBgBarc US High Yield 2% Issuer Cap / 50% S&P UBS Leveraged Loan Index |                   |                | 2.93 (76)       | 3.76 (79) | 8.90 (63)  | 9.77 (25) |           |            | 6.16 (16)     |        |                |
| Over/Under                                                                 |                   |                | -0.31           | -0.11     | -1.52      | -0.46     |           |            | -0.71         |        |                |
| eV US High Yield Fixed Inc Median                                          |                   |                | 3.45            | 4.36      | 9.23       | 9.30      |           |            | 5.02          |        |                |
| Loomis Sayles & Co. High Yield                                             | 396,091,029       | 15.7           | 3.67 (31)       | 4.63 (34) | 11.53 (3)  | 9.49 (41) |           |            | 4.89 (58)     | Nov-20 |                |
| Blmbg. U.S. High Yield - 2% Issuer Cap                                     |                   |                | 3.53 (42)       | 4.57 (37) | 10.29 (15) | 9.93 (18) |           |            | 5.27 (41)     |        |                |
| Over/Under                                                                 |                   |                | 0.14            | 0.06      | 1.24       | -0.44     |           |            | -0.38         |        |                |
| eV US High Yield Fixed Inc Median                                          |                   |                | 3.45            | 4.36      | 9.23       | 9.30      |           |            | 5.02          |        |                |
| Private Credit                                                             | 475,397,906       | 18.8           | 1.66            | 5.23      | 9.47       | 8.44      |           |            | 6.63          | Dec-20 |                |
| S&P UBS Leveraged Loan Qtr Lag                                             |                   |                | 0.61            | 2.91      | 7.02       | 7.10      |           |            | 6.76          |        |                |
| Over/Under                                                                 |                   |                | 1.05            | 2.32      | 2.45       | 1.34      |           |            | -0.13         |        |                |

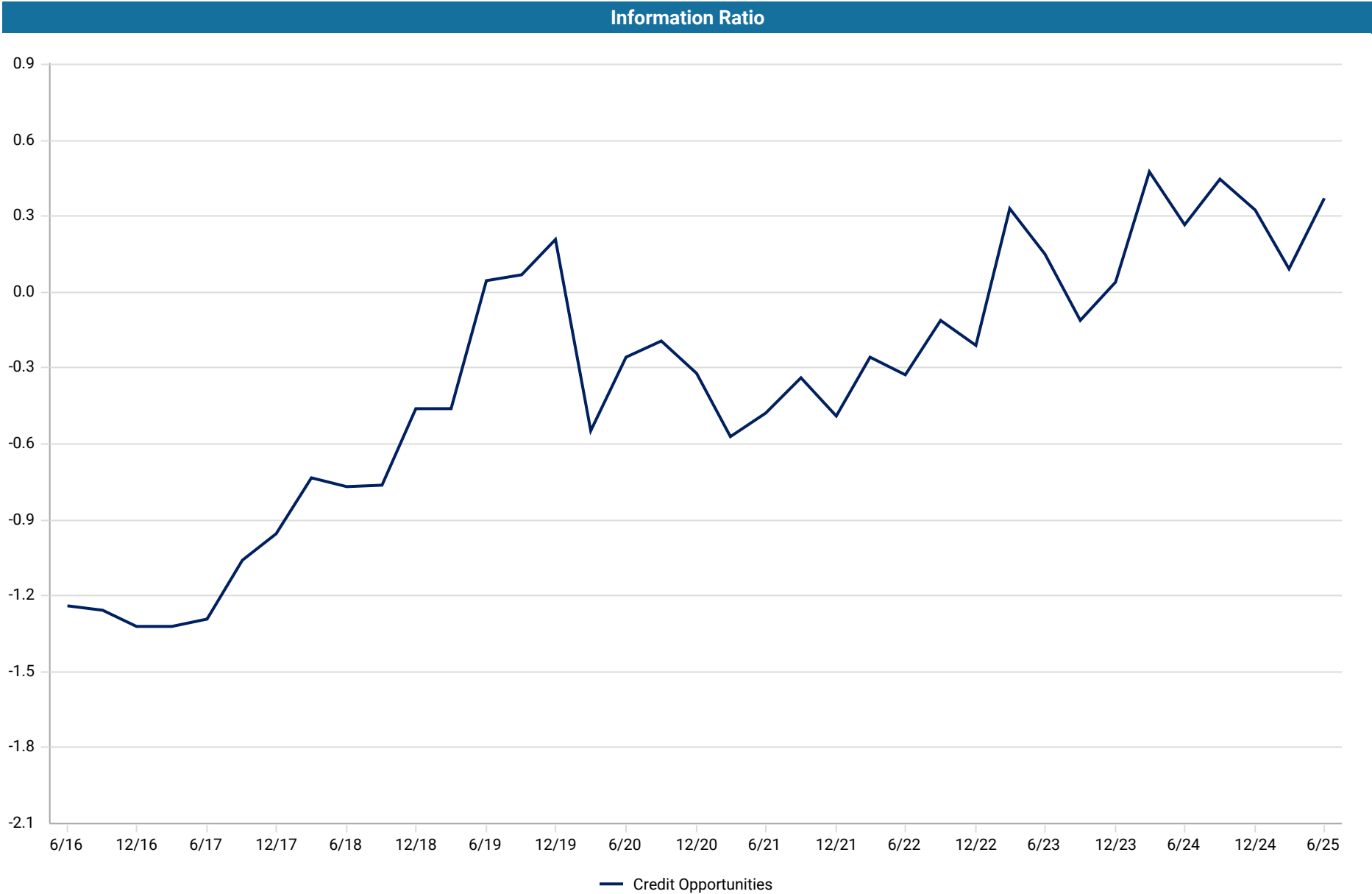
Note: All portfolios within Credit Opportunities have mid-month inception dates. Since inception return is calculated from the first full month of performance.

eA = eVestment

Refer to appendix for blended benchmark definitions.

Los Angeles City Employees' Retirement System-LACERS Master Trust

# CREDIT OPPORTUNITIES ROLLING 3 YEAR



# INVESTMENT MANAGER REPORT CARD

## CREDIT OPPORTUNITIES

| Credit Opportunities Managers | Inception Date | Mandate                      | Current Quarter (Net) |          | One Year (Net) |          | Three Years (Net) |          | Five Years (Net) |          | Since Inception (Net) | Annual Mgt Fee Paid \$ (000) | Comments                                                                             |
|-------------------------------|----------------|------------------------------|-----------------------|----------|----------------|----------|-------------------|----------|------------------|----------|-----------------------|------------------------------|--------------------------------------------------------------------------------------|
|                               |                |                              | Index                 | Universe | Index          | Universe | Index             | Universe | Index            | Universe | Index                 |                              |                                                                                      |
| PGIM                          | Feb-21         | Emerging Market Debt Blended | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | N/A              | N/A      | ✓                     | 1,559.4                      | Performance compliant with LACERS' Manager Monitoring Policy                         |
| Wellington                    | Feb-21         | Emerging Market Debt Blended | ✓                     | ✓        | ✗              | ✓        | ✓                 | ✗        | N/A              | N/A      | ✓                     | 2,210.9                      | Performance compliant with LACERS' Manager Monitoring Policy                         |
| Bain                          | Jun-15         | Bank Loans                   | ✗                     | ✗        | ✗              | ✗        | ✗                 | ✓        | ✓                | ✓        | ✓                     | N/A                          | Performance compliant with LACERS' Manager Monitoring Policy                         |
| Loomis Sayles                 | Nov-20         | High Yield                   | ✓                     | ✓        | ✓              | ✓        | ✗                 | ✓        | N/A              | N/A      | ✗                     | 1,114.0                      | Placed on Watch as of 8/30/24 due to performance; watch status lifted in August 2025 |
| Polen Capital                 | Nov-20         | High Yield/Bank Loan         | ✗                     | ✗        | ✗              | ✗        | ✗                 | =        | N/A              | N/A      | ✗                     | 1,250.9                      | Performance compliant with LACERS' Manager Monitoring Policy                         |

Note: Managers are placed on Watch List for concerns with organization, process and performance. Managers are normally on the Watch List for 12 months though may be longer if manager issues remain but not severe enough to warrant termination recommendation.

- Annual Management Fee Paid as of fiscal year ending June 30, 2024.
- \* Where net of fees performance is not available gross of fee returns are evaluated.

| Legend |                |
|--------|----------------|
| ✓      | Outperformed   |
| ✗      | Underperformed |
| =      | Equal to       |
| ✓✓     | Gross Return   |

# REAL ASSETS MANAGER PERFORMANCE

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**REAL ASSETS (GROSS)**

|                              | Allocation           |                | Performance (%) |             |              |              |             |             |               |                |
|------------------------------|----------------------|----------------|-----------------|-------------|--------------|--------------|-------------|-------------|---------------|----------------|
|                              | Market Value (\$)    | % of Portfolio | 3 Mo (%)        | YTD (%)     | 1 Yr (%)     | 3 Yrs (%)    | 5 Yrs (%)   | 10 Yrs (%)  | Inception (%) | Inception Date |
| <b>Real Assets</b>           | <b>2,869,525,610</b> | <b>100.00</b>  | <b>0.35</b>     | <b>2.85</b> | <b>4.83</b>  | <b>-0.18</b> | <b>3.18</b> | <b>4.09</b> | <b>5.63</b>   | <b>Dec-94</b>  |
| Real Assets Policy Benchmark |                      |                | <u>0.65</u>     | <u>3.10</u> | <u>5.76</u>  | <u>-0.54</u> | <u>2.89</u> | <u>4.74</u> | <u>7.04</u>   |                |
| Over/Under                   |                      |                | -0.30           | -0.26       | -0.92        | 0.36         | 0.29        | -0.65       | -1.41         |                |
| <b>Public Real Assets</b>    | <b>1,445,610,645</b> | <b>50.38</b>   | <b>0.29</b>     | <b>3.89</b> | <b>8.51</b>  | <b>3.55</b>  | <b>4.29</b> | <b>3.50</b> | <b>2.91</b>   | <b>Jul-14</b>  |
| Public Real Assets Blend     |                      |                | <u>0.02</u>     | <u>3.72</u> | <u>7.11</u>  | <u>2.89</u>  | <u>4.71</u> | <u>2.66</u> | <u>1.69</u>   |                |
| Over/Under                   |                      |                | 0.28            | 0.16        | 1.41         | 0.67         | -0.42       | 0.84        | 1.22          |                |
| <b>TIPS</b>                  | <b>861,369,476</b>   | <b>30.02</b>   | <b>0.78</b>     | <b>5.37</b> | <b>6.44</b>  | <b>2.55</b>  | <b>1.69</b> | <b>2.79</b> | <b>2.36</b>   | <b>Aug-14</b>  |
| Blmbg. U.S. TIPS             |                      |                | <u>0.48</u>     | <u>4.67</u> | <u>5.84</u>  | <u>2.34</u>  | <u>1.61</u> | <u>2.67</u> | <u>2.28</u>   |                |
| Over/Under                   |                      |                | 0.30            | 0.70        | 0.60         | 0.21         | 0.08        | 0.12        | 0.08          |                |
| DFA US TIPS                  | 861,369,476          | 30.02          | 0.78            | 5.37        | 6.44         | 2.55         | 1.69        | 2.84        | 2.42          | Aug-14         |
| Blmbg. U.S. TIPS             |                      |                | <u>0.48</u>     | <u>4.67</u> | <u>5.84</u>  | <u>2.34</u>  | <u>1.61</u> | <u>2.67</u> | <u>2.28</u>   |                |
| Over/Under                   |                      |                | 0.30            | 0.70        | 0.60         | 0.21         | 0.08        | 0.17        | 0.14          |                |
| <b>REITS</b>                 | <b>584,241,169</b>   | <b>20.36</b>   | <b>-0.41</b>    | <b>1.78</b> | <b>11.69</b> | <b>5.11</b>  | <b>8.47</b> | <b>8.40</b> | <b>7.43</b>   | <b>Apr-15</b>  |
| FTSE NAREIT All Equity REITs |                      |                | <u>-0.93</u>    | <u>1.80</u> | <u>9.20</u>  | <u>3.36</u>  | <u>6.66</u> | <u>6.61</u> | <u>5.46</u>   |                |
| Over/Under                   |                      |                | 0.52            | -0.02       | 2.50         | 1.75         | 1.80        | 1.79        | 1.96          |                |
| CenterSquare US Real Estate  | 584,241,169          | 20.36          | -0.41           | 1.78        | 11.69        | 5.11         | 8.47        | 8.40        | 7.82          | May-15         |
| FTSE NAREIT All Equity REITs |                      |                | <u>-0.93</u>    | <u>1.80</u> | <u>9.20</u>  | <u>3.36</u>  | <u>6.66</u> | <u>6.61</u> | <u>6.04</u>   |                |
| Over/Under                   |                      |                | 0.52            | -0.02       | 2.50         | 1.75         | 1.80        | 1.79        | 1.78          |                |
| <b>Private Real Estate</b>   | <b>1,404,158,598</b> | <b>48.93</b>   | <b>0.38</b>     | <b>1.79</b> | <b>1.12</b>  | <b>-3.98</b> | <b>2.76</b> | <b>4.88</b> | <b>6.00</b>   | <b>Nov-94</b>  |
| Real Estate Blend            |                      |                | <u>1.23</u>     | <u>2.50</u> | <u>4.37</u>  | <u>-4.67</u> | <u>4.25</u> | <u>6.19</u> | <u>8.71</u>   |                |
| Over/Under                   |                      |                | -0.85           | -0.72       | -3.25        | 0.69         | -1.49       | -1.31       | -2.71         |                |
| <b>Timber</b>                | <b>19,756,367</b>    | <b>0.69</b>    | <b>1.99</b>     | <b>1.99</b> | <b>1.62</b>  | <b>4.53</b>  | <b>4.64</b> | <b>3.84</b> | <b>8.27</b>   | <b>Oct-99</b>  |

Note: The DFA U.S. TIPS and CenterSquare US Real Estate portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

Refer to appendix for blended benchmark definitions.

## Los Angeles City Employees' Retirement System-LACERS Master Trust

**REAL ASSETS (NET)**

|                                         | Allocation           |                | Performance (%)   |                  |                  |                  |                  |                  |                  |                |
|-----------------------------------------|----------------------|----------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|
|                                         | Market Value (\$)    | % of Portfolio | 3 Mo (%)          | YTD (%)          | 1 Yr (%)         | 3 Yrs (%)        | 5 Yrs (%)        | 10 Yrs (%)       | Inception (%)    | Inception Date |
| <b>Real Assets</b>                      | <b>2,869,525,610</b> | <b>100.00</b>  | <b>0.32</b>       | <b>2.79</b>      | <b>4.72</b>      | <b>-0.30</b>     | <b>3.06</b>      | <b>3.95</b>      | <b>4.48</b>      | <b>Jun-01</b>  |
| Real Assets Policy Benchmark            |                      |                | <u>0.65</u>       | <u>3.10</u>      | <u>5.76</u>      | <u>-0.54</u>     | <u>2.89</u>      | <u>4.74</u>      | <u>5.61</u>      |                |
| Over/Under                              |                      |                | -0.32             | -0.31            | -1.04            | 0.25             | 0.17             | -0.79            | -1.13            |                |
| <b>Public Real Assets</b>               | <b>1,445,610,645</b> | <b>50.38</b>   | <b>0.25</b>       | <b>3.79</b>      | <b>8.32</b>      | <b>3.38</b>      | <b>4.12</b>      | <b>3.30</b>      | <b>2.72</b>      | <b>Jul-14</b>  |
| Public Real Assets Blend                |                      |                | <u>0.02</u>       | <u>3.72</u>      | <u>7.11</u>      | <u>2.89</u>      | <u>4.71</u>      | <u>2.66</u>      | <u>1.69</u>      |                |
| Over/Under                              |                      |                | 0.23              | 0.07             | 1.21             | 0.49             | -0.59            | 0.64             | 1.03             |                |
| <b>TIPS</b>                             | <b>861,369,476</b>   | <b>30.02</b>   | <b>0.77</b>       | <b>5.34</b>      | <b>6.39</b>      | <b>2.50</b>      | <b>1.64</b>      | <b>2.74</b>      | <b>2.30</b>      | <b>Aug-14</b>  |
| Blmbg. U.S. TIPS                        |                      |                | <u>0.48</u>       | <u>4.67</u>      | <u>5.84</u>      | <u>2.34</u>      | <u>1.61</u>      | <u>2.67</u>      | <u>2.28</u>      |                |
| Over/Under                              |                      |                | 0.29              | 0.68             | 0.55             | 0.16             | 0.03             | 0.07             | 0.02             |                |
| DFA US TIPS                             | 861,369,476          | 30.02          | 0.77 (40)         | 5.34 (5)         | 6.39 (40)        | 2.50 (49)        | 1.64 (54)        | 2.79 (32)        | 2.37 (31)        | Aug-14         |
| Blmbg. U.S. TIPS                        |                      |                | <u>0.48</u> (72)  | <u>4.67</u> (59) | <u>5.84</u> (62) | <u>2.34</u> (61) | <u>1.61</u> (59) | <u>2.67</u> (53) | <u>2.28</u> (50) |                |
| Over/Under                              |                      |                | 0.29              | 0.68             | 0.55             | 0.16             | 0.03             | 0.12             | 0.09             |                |
| eV US TIPS / Inflation Fixed Inc Median |                      |                | 0.60              | 4.70             | 5.96             | 2.47             | 1.68             | 2.68             | 2.28             |                |
| <b>REITS</b>                            | <b>584,241,169</b>   | <b>20.36</b>   | <b>-0.51</b>      | <b>1.59</b>      | <b>11.28</b>     | <b>4.72</b>      | <b>8.06</b>      | <b>7.96</b>      | <b>7.00</b>      | <b>Apr-15</b>  |
| FTSE NAREIT All Equity REITs            |                      |                | <u>-0.93</u>      | <u>1.80</u>      | <u>9.20</u>      | <u>3.36</u>      | <u>6.66</u>      | <u>6.61</u>      | <u>5.46</u>      |                |
| Over/Under                              |                      |                | 0.42              | -0.21            | 2.09             | 1.36             | 1.40             | 1.35             | 1.54             |                |
| CenterSquare US Real Estate             | 584,241,169          | 20.36          | -0.51 (28)        | 1.59 (33)        | 11.28 (15)       | 4.72 (41)        | 8.06 (40)        | 7.96 (5)         | 7.39 (5)         | May-15         |
| FTSE NAREIT All Equity REITs            |                      |                | <u>-0.93</u> (52) | <u>1.80</u> (27) | <u>9.20</u> (50) | <u>3.36</u> (74) | <u>6.66</u> (82) | <u>6.61</u> (41) | <u>6.04</u> (41) |                |
| Over/Under                              |                      |                | 0.42              | -0.21            | 2.09             | 1.36             | 1.40             | 1.35             | 1.35             |                |
| eV US REIT Median                       |                      |                | -0.91             | 0.45             | 9.17             | 4.35             | 7.69             | 6.46             | 5.81             |                |
| <b>Private Real Estate</b>              | <b>1,404,158,598</b> | <b>48.93</b>   | <b>0.37</b>       | <b>1.77</b>      | <b>1.07</b>      | <b>-4.03</b>     | <b>2.69</b>      | <b>4.80</b>      | <b>4.99</b>      | <b>Jul-01</b>  |
| Real Estate Blend                       |                      |                | <u>1.23</u>       | <u>2.50</u>      | <u>4.37</u>      | <u>-4.67</u>     | <u>4.25</u>      | <u>6.19</u>      | <u>7.87</u>      |                |
| Over/Under                              |                      |                | -0.85             | -0.73            | -3.29            | 0.64             | -1.56            | -1.39            | -2.88            |                |
| <b>Timber</b>                           | <b>19,756,367</b>    | <b>0.69</b>    | <b>1.99</b>       | <b>1.99</b>      | <b>1.62</b>      | <b>4.53</b>      | <b>4.64</b>      | <b>3.84</b>      | <b>7.40</b>      | <b>Sep-01</b>  |

Note: The DFA U.S. TIPS and CenterSquare US Real Estate portfolios have mid-month inception dates. Since inception return is calculated from the first full month of performance.

Refer to appendix for blended benchmark definitions.

# INVESTMENT MANAGER REPORT CARD

## REAL ASSETS

| Real Assets Managers | Inception Date | Mandate   | Current Quarter (Net) |          | One Year (Net) |          | Three Years (Net) |          | Five Years (Net) |          | Since Inception (Net) | Annual Mgt Fee Paid \$ (000) | Comments                                                                                           |
|----------------------|----------------|-----------|-----------------------|----------|----------------|----------|-------------------|----------|------------------|----------|-----------------------|------------------------------|----------------------------------------------------------------------------------------------------|
|                      |                |           | Index                 | Universe | Index          | Universe | Index             | Universe | Index            | Universe | Index                 |                              |                                                                                                    |
| DFA                  | Jul-14         | U.S. TIPS | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | ✓                | ✗        | ✓                     | 465.5                        | Placed on Watch as of 8/30/24 due to performance; on-watch status extended due to underperformance |
| CenterSquare         | Apr-15         | REITS     | ✓                     | ✓        | ✓              | ✓        | ✓                 | ✓        | ✓                | ✓        | ✓                     | 1,916.9                      | Performance compliant with LACERS' Manager Monitoring Policy                                       |

Note: Managers are placed on Watch List for concerns with organization, process and performance. Managers are normally on the Watch List for 12 months though may be longer if manager issues remain but not severe enough to warrant termination recommendation.

- Annual Management Fee Paid as of fiscal year ending June 30, 2024.
- \* Where net of fees performance is not available gross of fee returns are evaluated.

| Legend |                |
|--------|----------------|
| ✓      | Outperformed   |
| ✗      | Underperformed |
| =      | Equal to       |
| ✓✓     | Gross Return   |



# APPENDIX



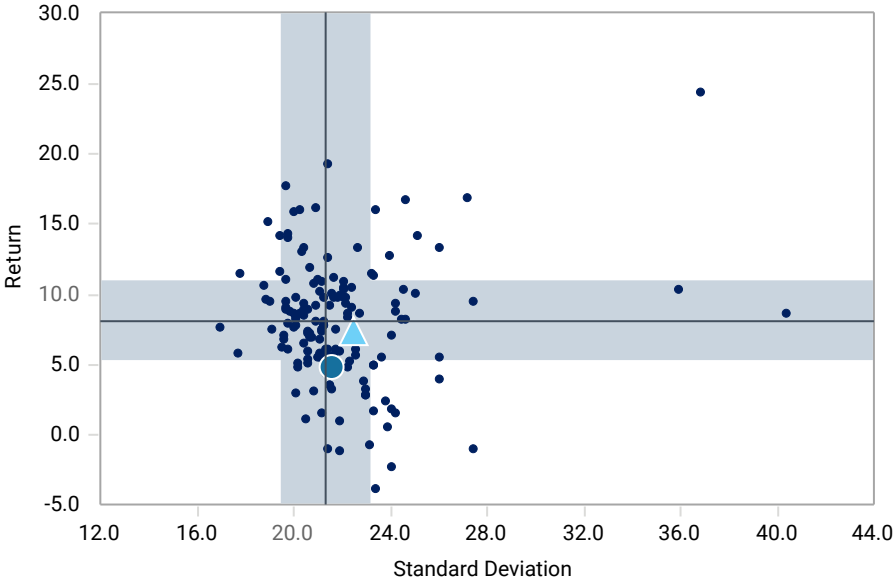


# U.S. EQUITY MANAGER PERFORMANCE

Los Angeles City Employees' Retirement System-LACERS Master Trust

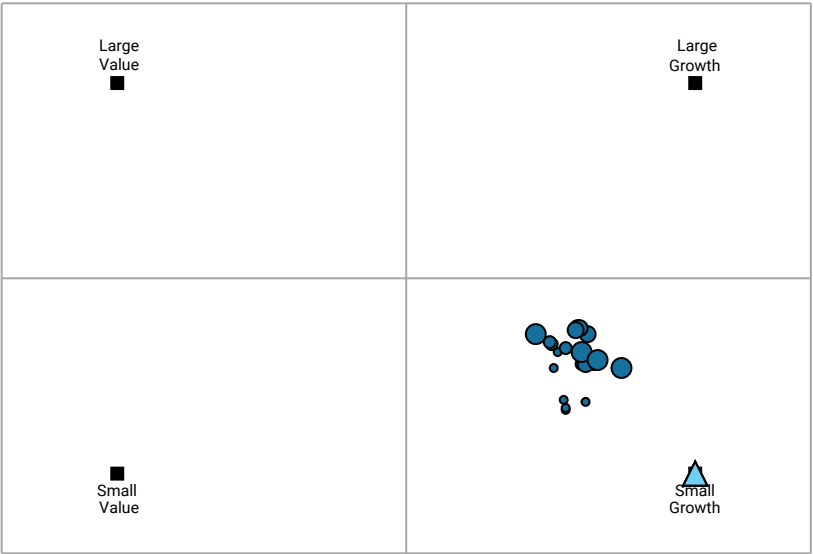
# INFORMED MOMENTUM COMPANY

5 Years Return vs. Standard Deviation



● Informed Momentum Company    ▲ Russell 2000 Growth Index

Rolling 3 Years Style Map



● Informed Momentum Company    ▲ Russell 2000 Growth Index



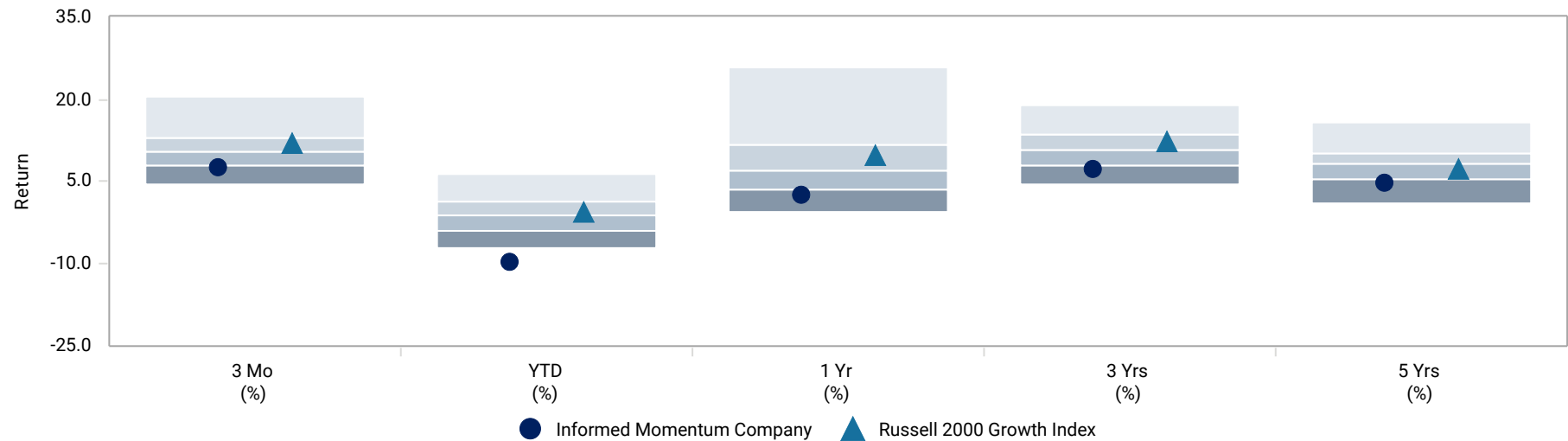
Rebranding as of 2/4/25



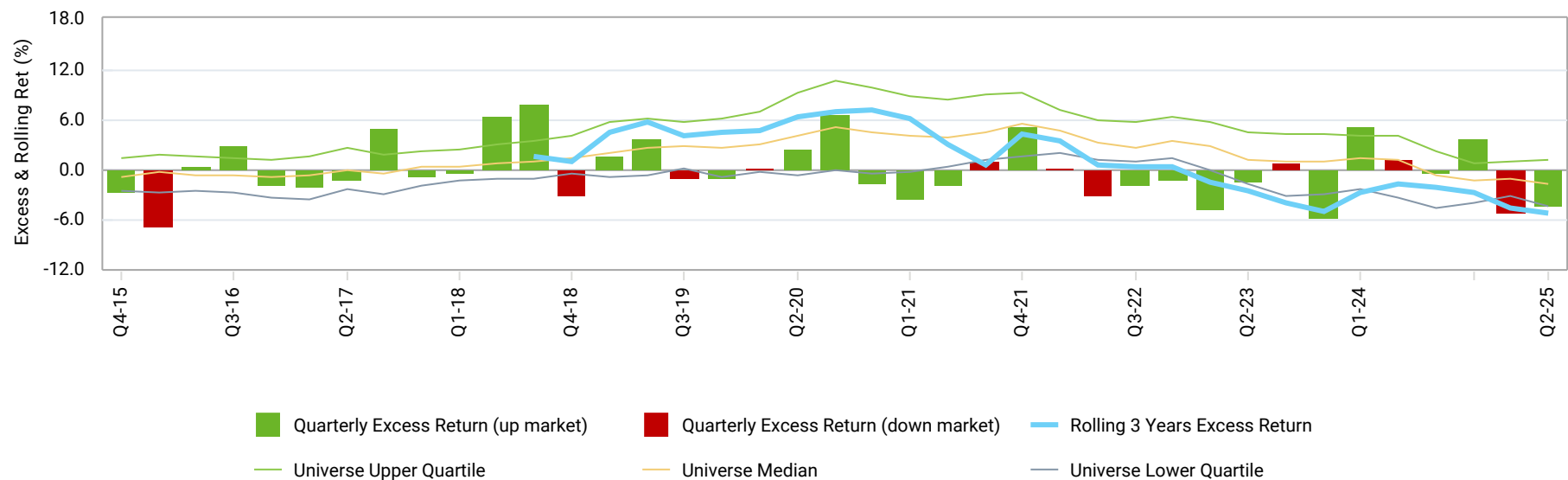
Los Angeles City Employees' Retirement System-LACERS Master Trust

# INFORMED MOMENTUM COMPANY

## eV US Small Cap Growth Equity (net of fees)



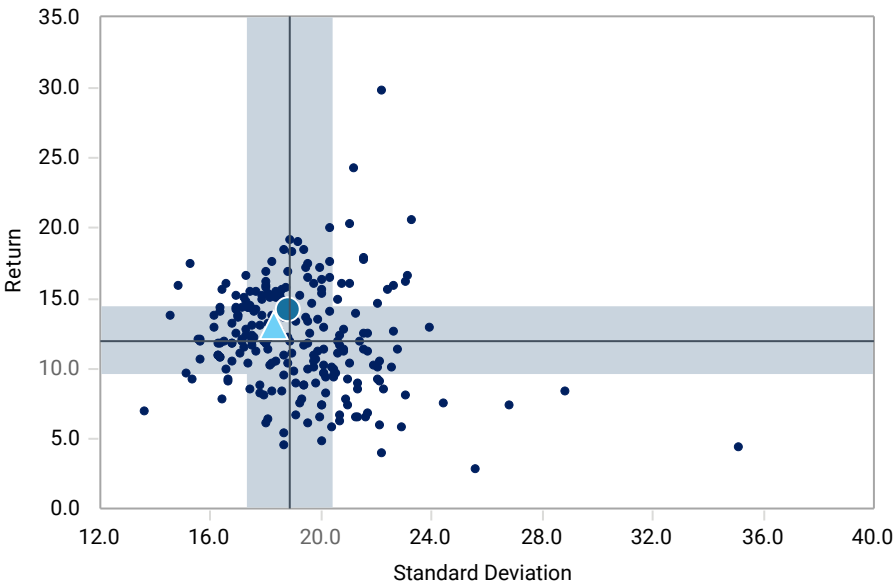
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

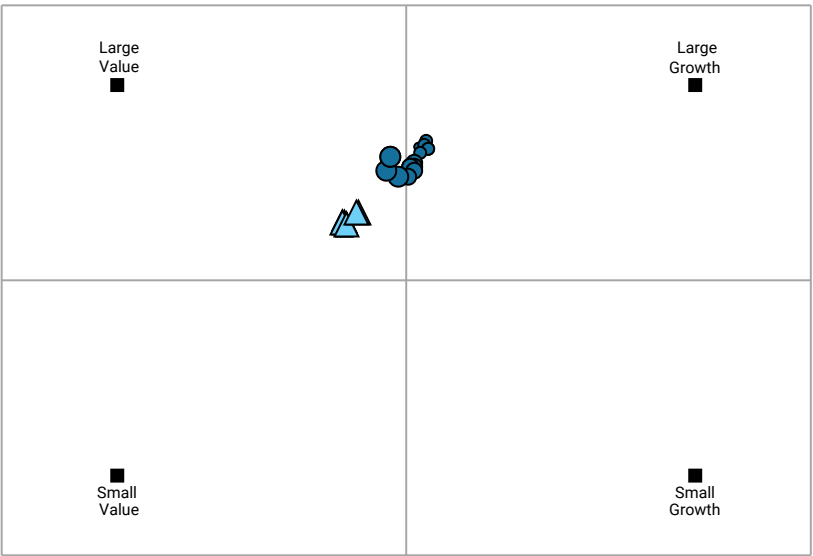
# PRINCIPAL GLOBAL INVESTORS

5 Years Return vs. Standard Deviation

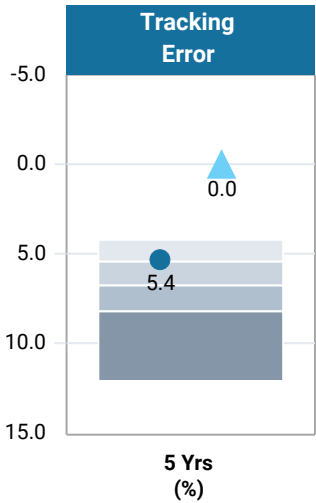
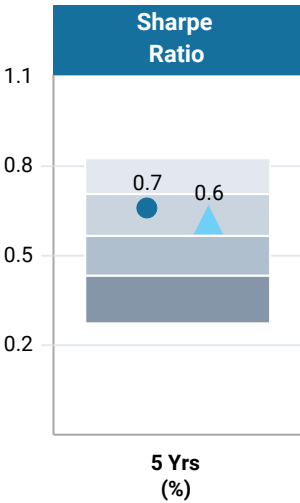
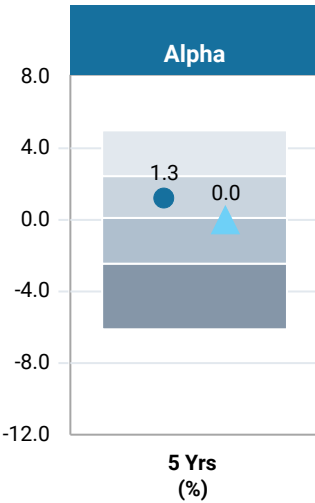
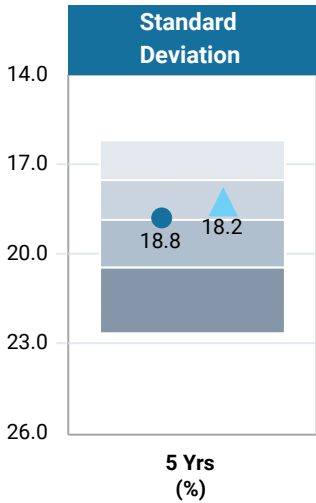
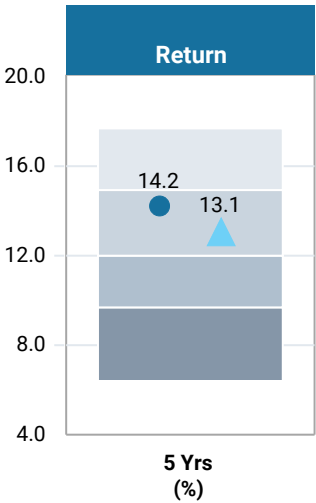


● Principal Global Investors    ▲ Russell Midcap Index

Rolling 5 Years Style Map



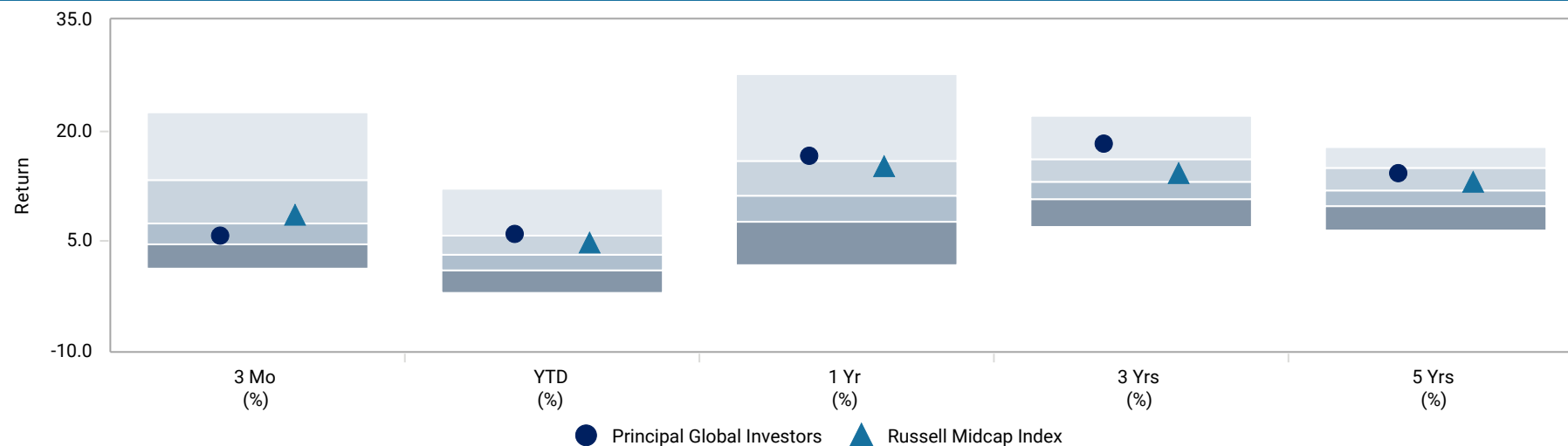
● Principal Global Investors    ▲ Russell Midcap Index



# Los Angeles City Employees' Retirement System-LACERS Master Trust

## PRINCIPAL GLOBAL INVESTORS

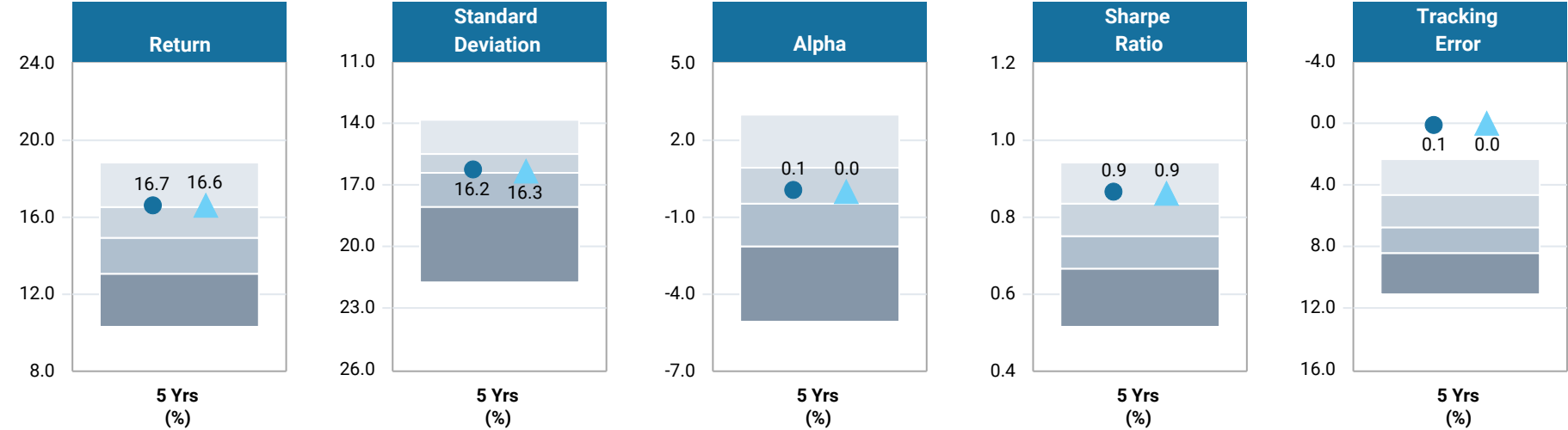
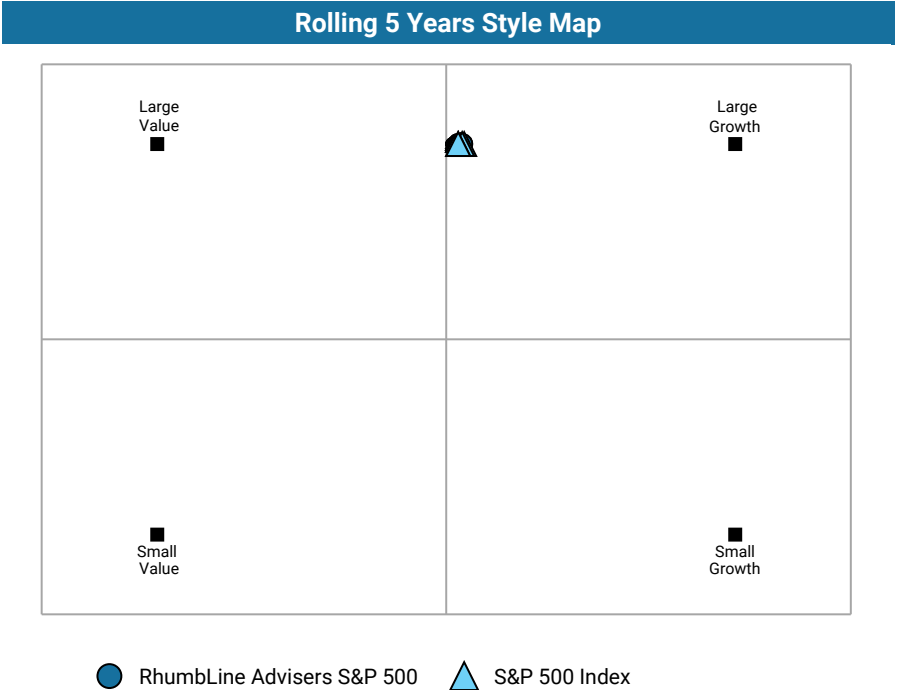
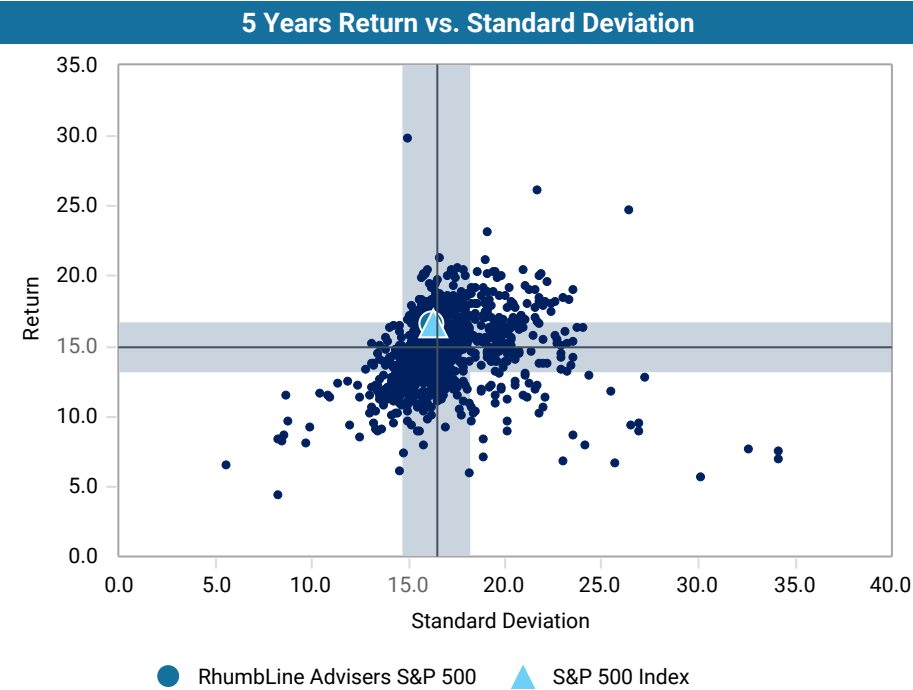
### eV US Mid Cap Equity (net of fees)



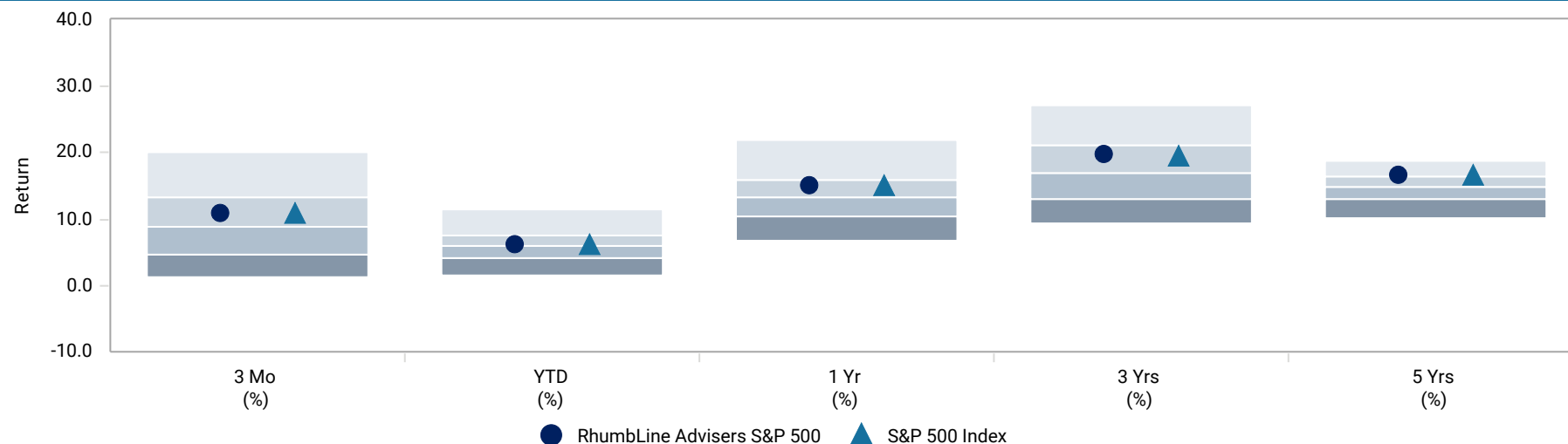
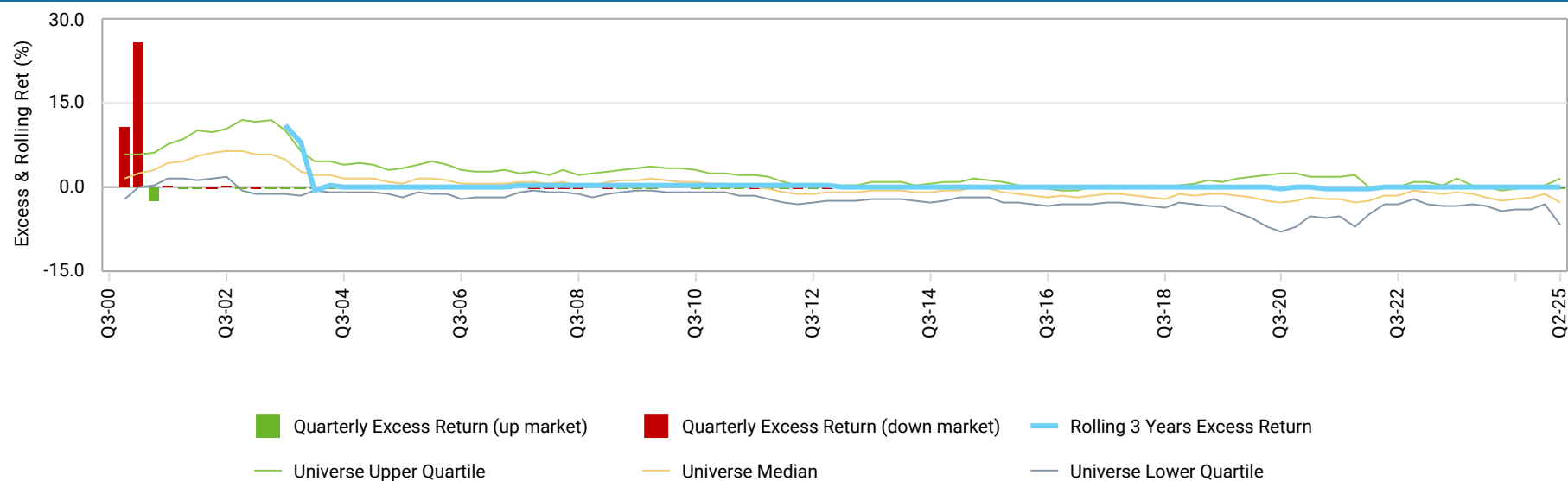
### Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust  
**RHUMBLINE ADVISORS S&P 500**



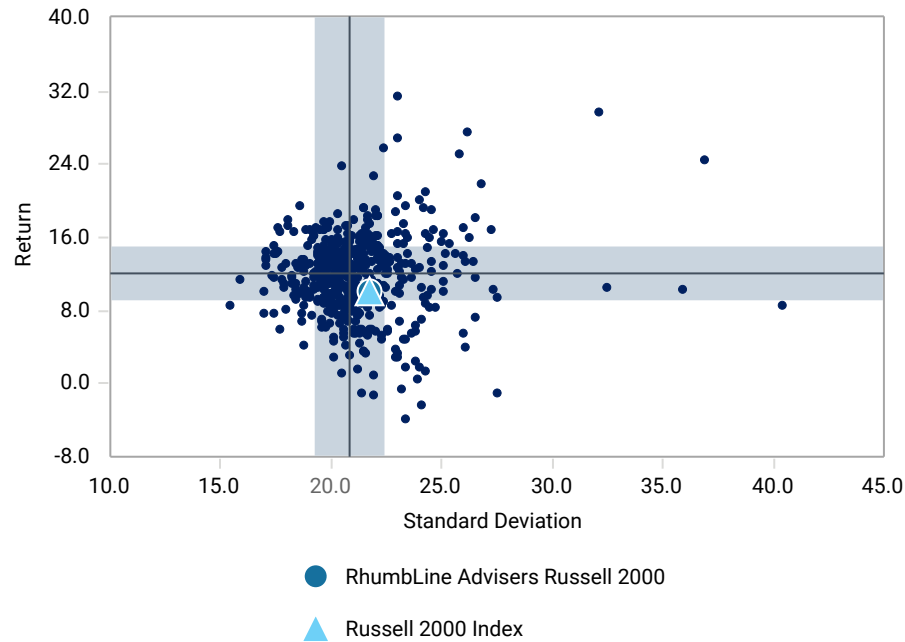
## Los Angeles City Employees' Retirement System-LACERS Master Trust

**RHUMBLINE ADVISORS S&P 500****eV US Large Cap Equity (net of fees)****Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025**

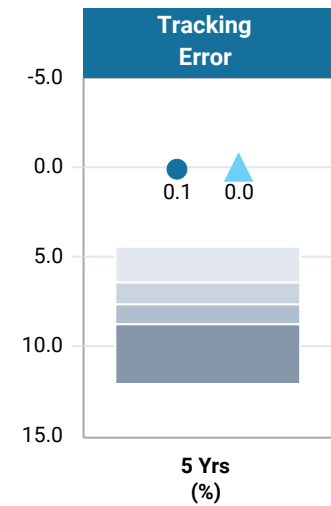
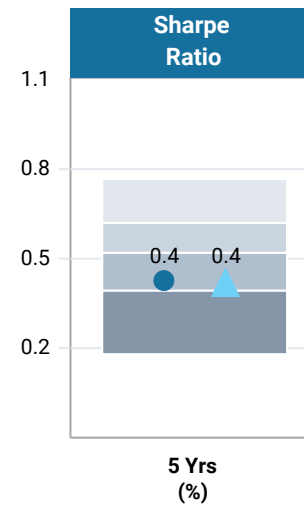
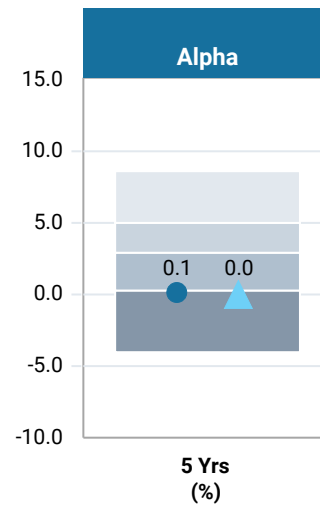
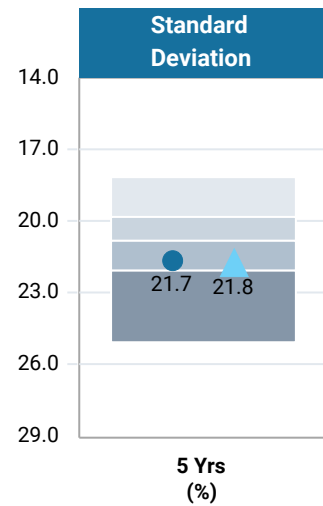
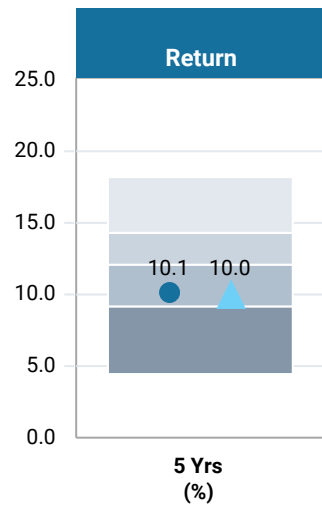
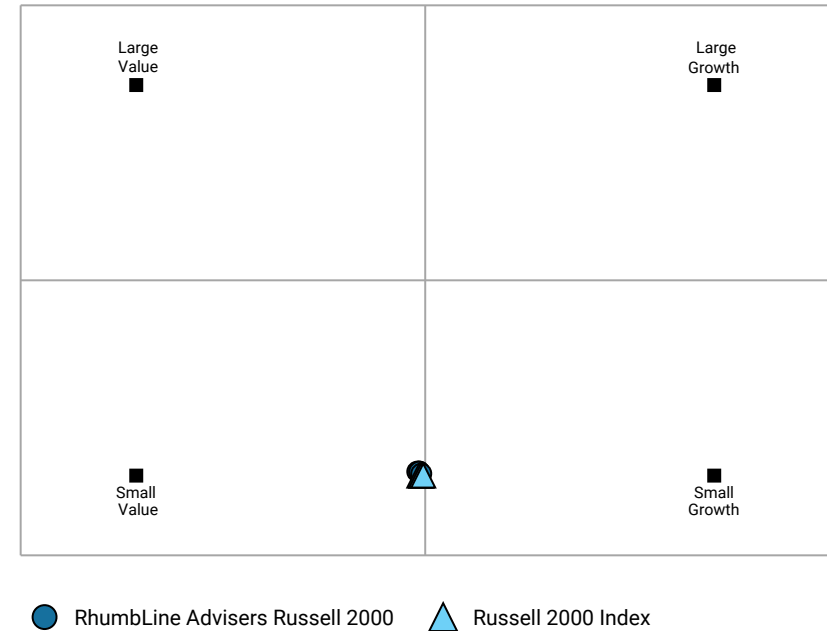
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## RHUMBLINE ADVISORS RUSSELL 2000

5 Years Return vs. Standard Deviation



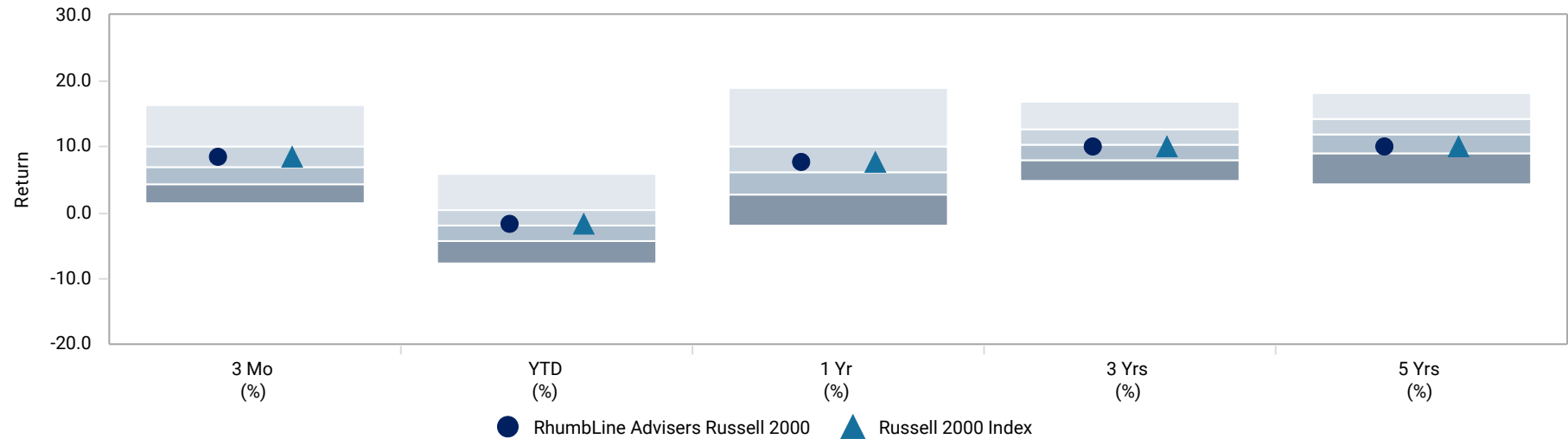
Rolling 3 Years Style Map



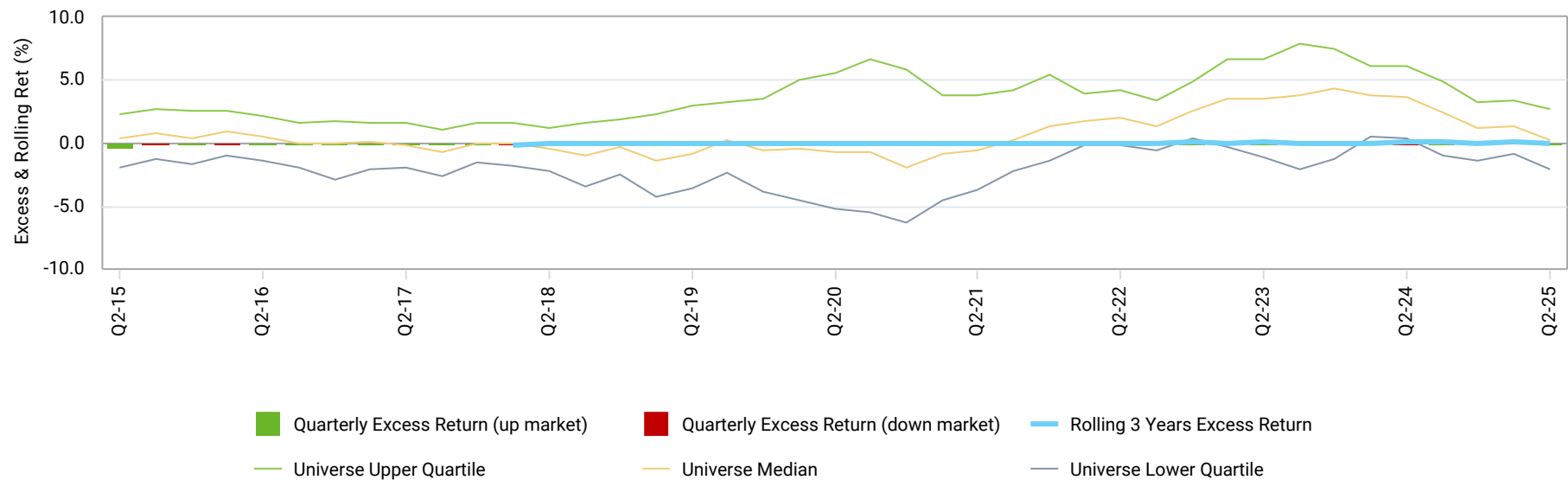
Los Angeles City Employees' Retirement System-LACERS Master Trust

# RHUMBLINE ADVISORS RUSSELL 2000

## eV US Small Cap Equity (net of fees)



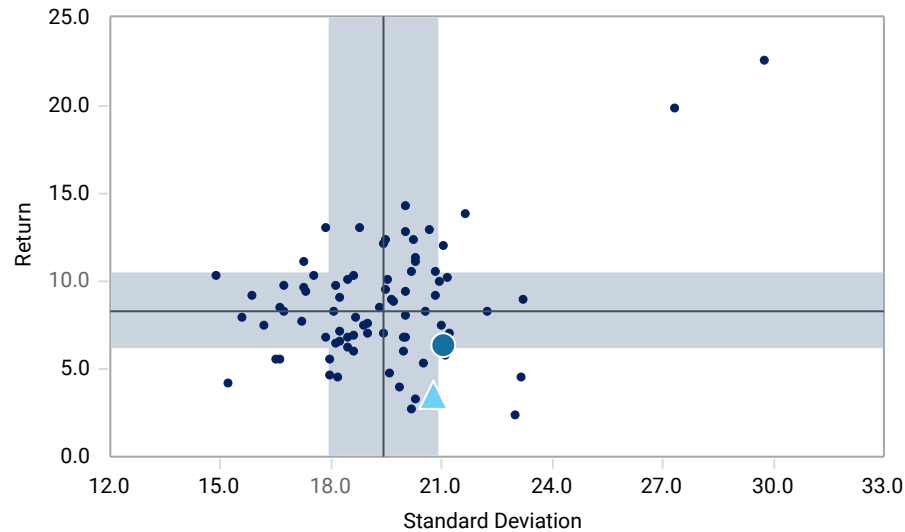
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

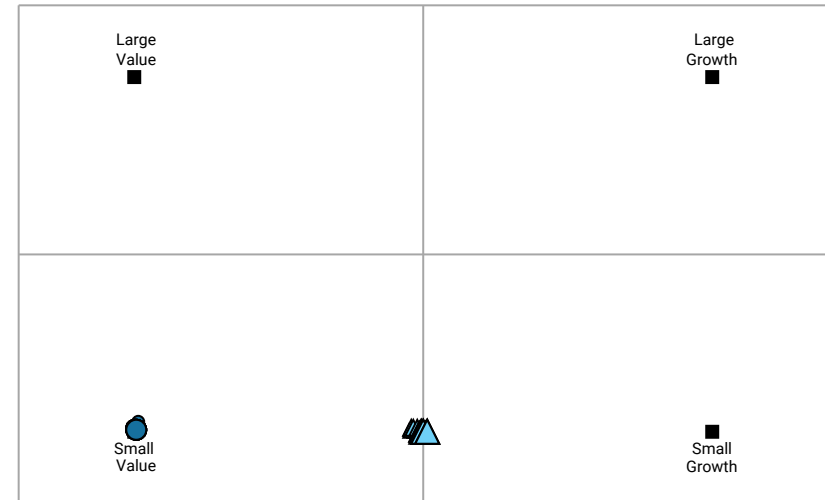
# RHUMBLINE ADVISORS RUSSELL 2000 VALUE

Since Inception Return vs. Standard Deviation

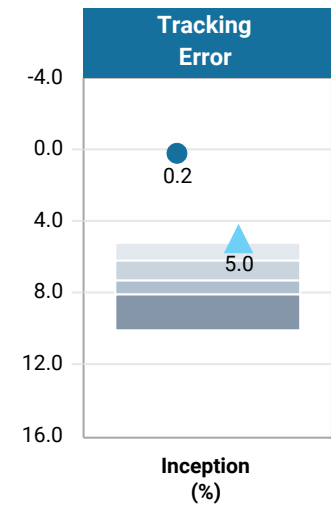
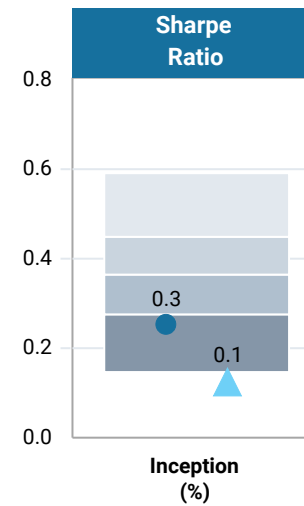
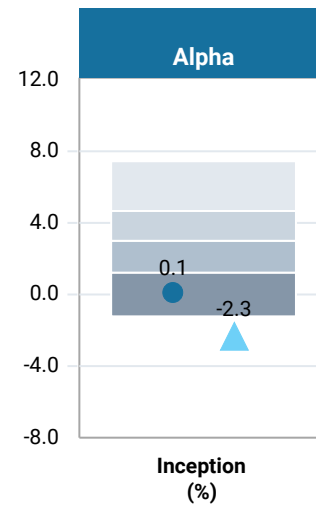
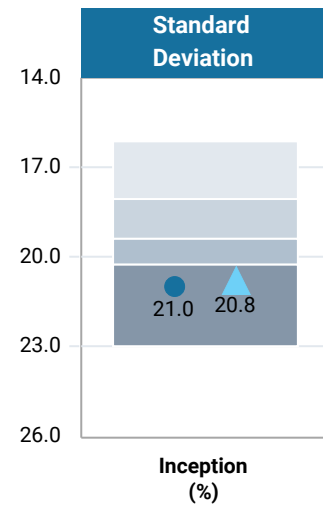
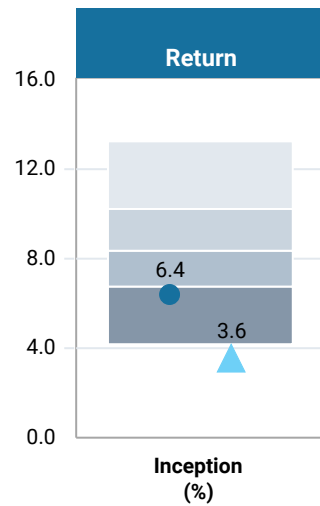


● Rhumbline Advisers Russell 2000 Value  
▲ Russell 2000 Index

Rolling 1 Year Style Map



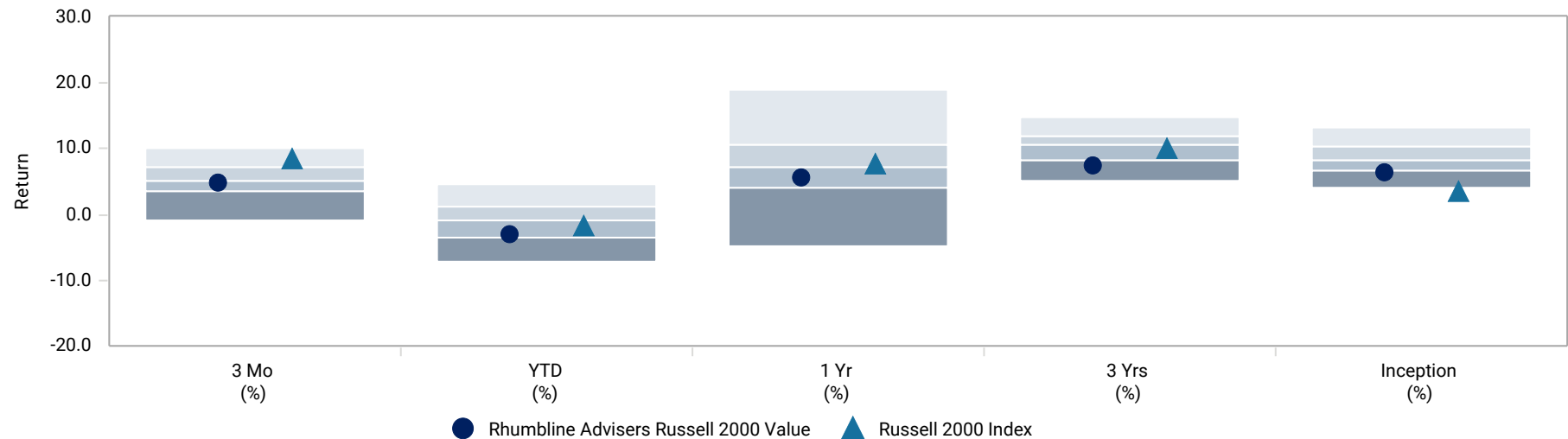
● Rhumbline Advisers Russell 2000 Value  
▲ Russell 2000 Index



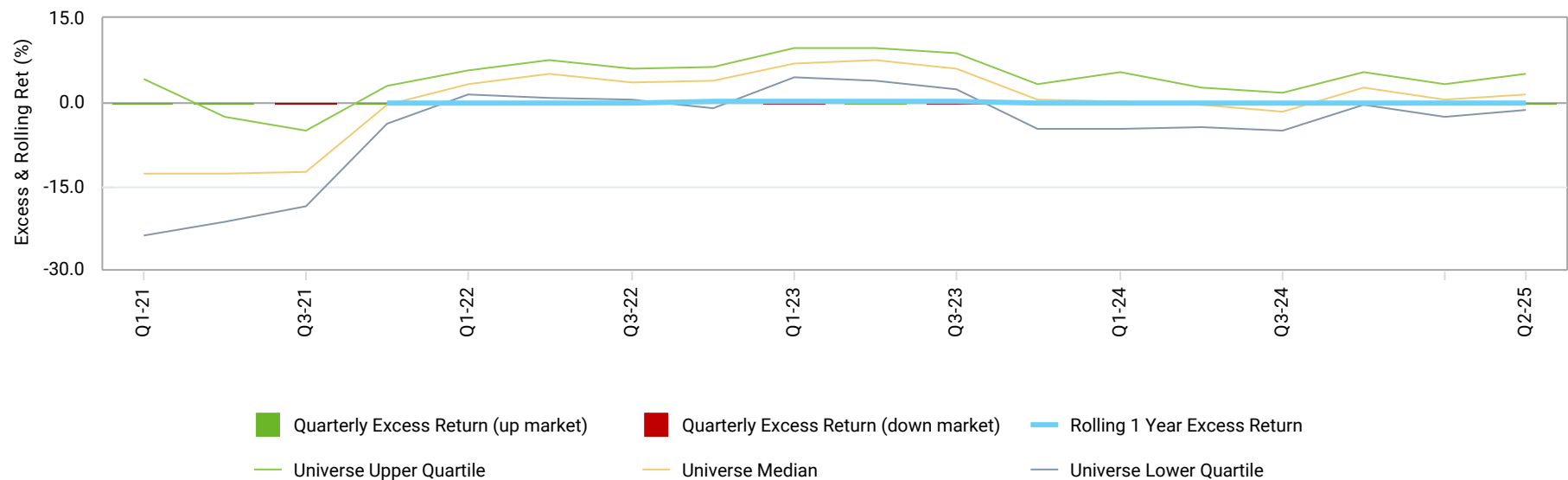
Los Angeles City Employees' Retirement System-LACERS Master Trust

# RHUMBLINE ADVISORS RUSSELL 2000 VALUE

## eV US Small-Mid Cap Value Equity (net of fees)



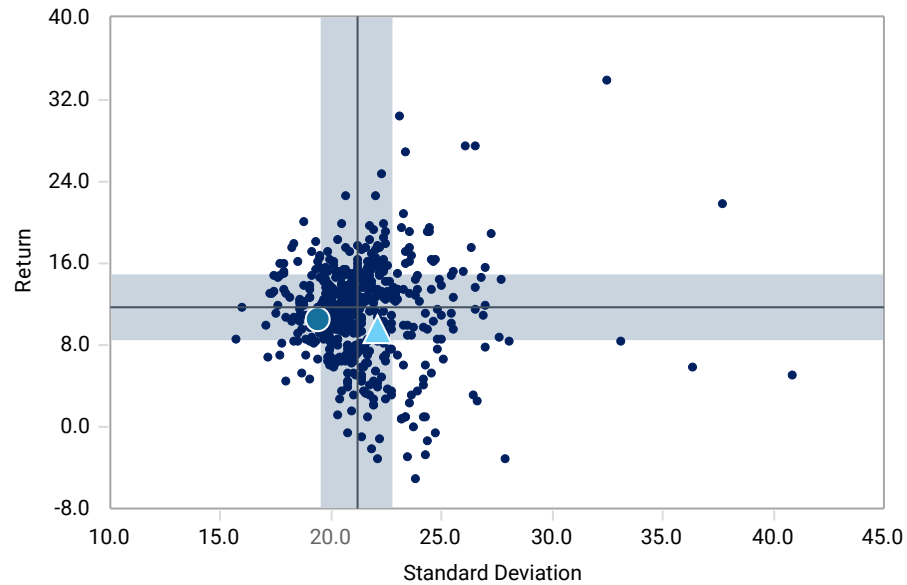
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

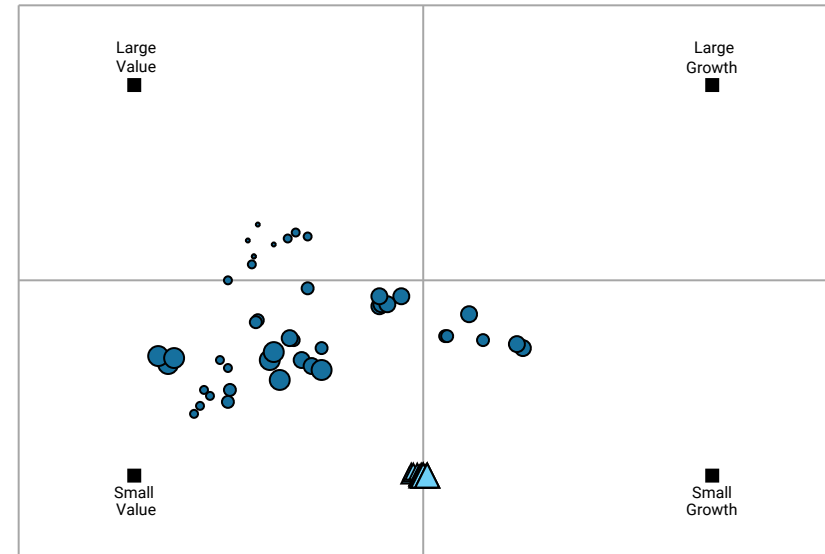
## COPELAND CAPITAL MANAGEMENT

Since Inception Return vs. Standard Deviation

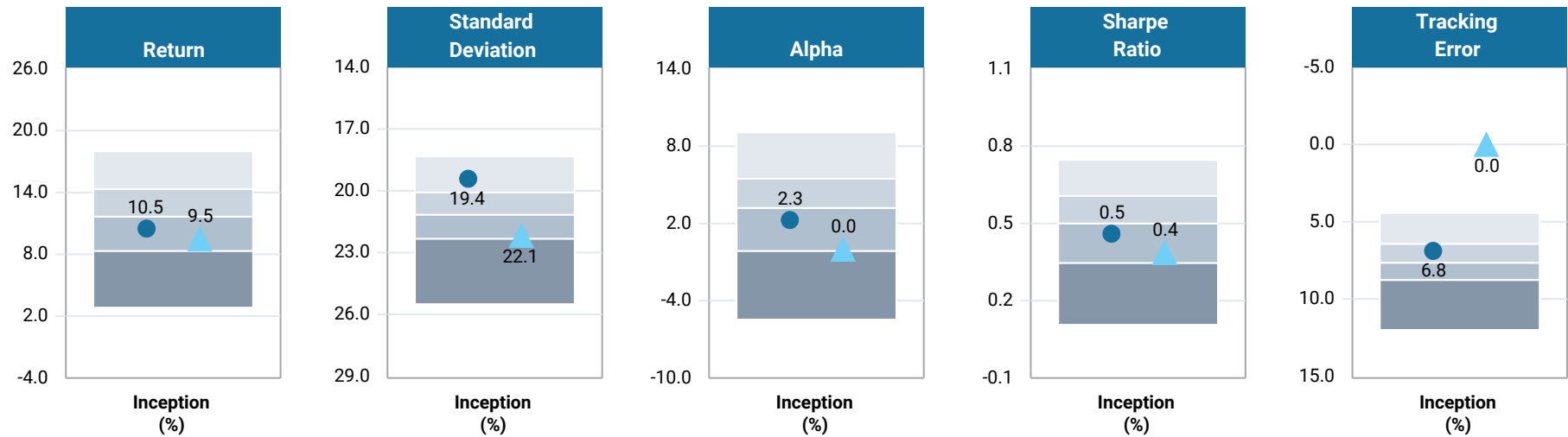


● Copeland Capital Management ▲ Russell 2000 Index

Rolling 1 Year Style Map



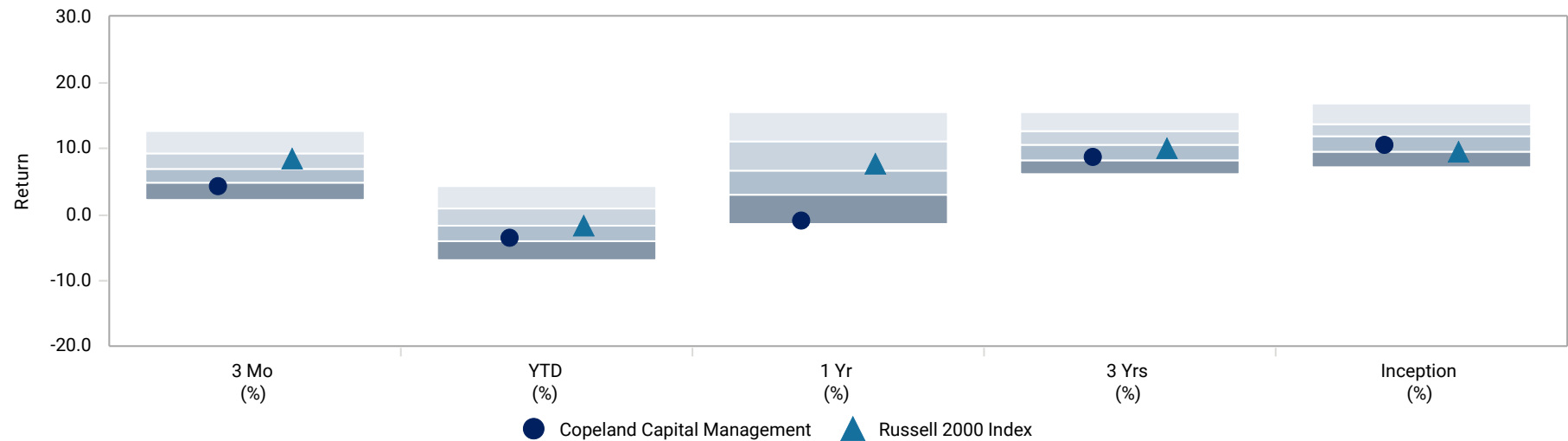
● Copeland Capital Management ▲ Russell 2000 Index



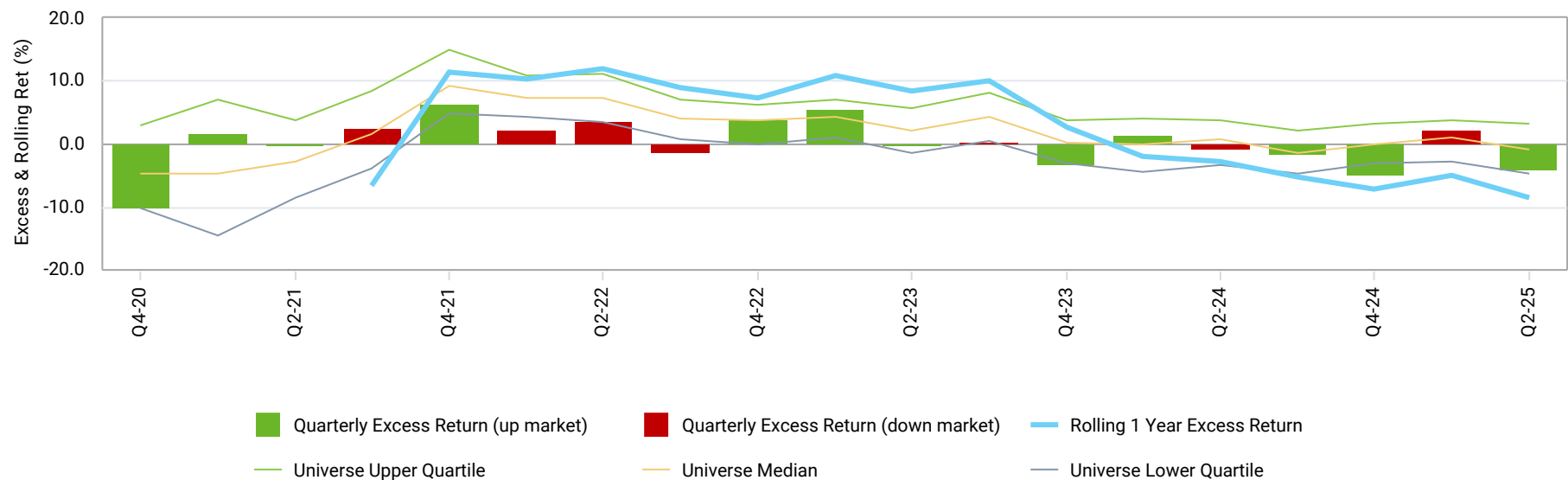
Los Angeles City Employees' Retirement System-LACERS Master Trust

# COPELAND CAPITAL MANAGEMENT

## eV US Small Cap Core Equity (net of fees)



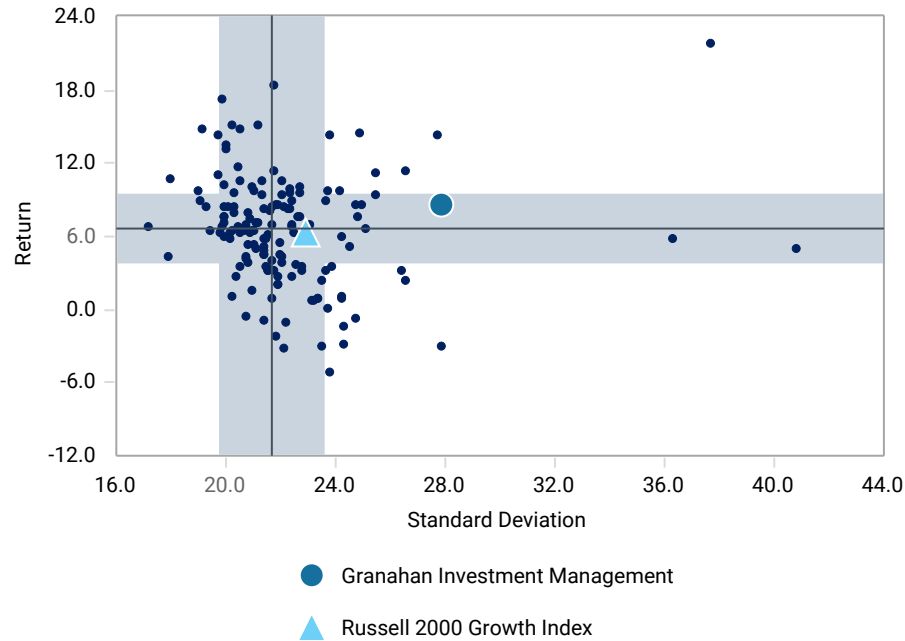
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



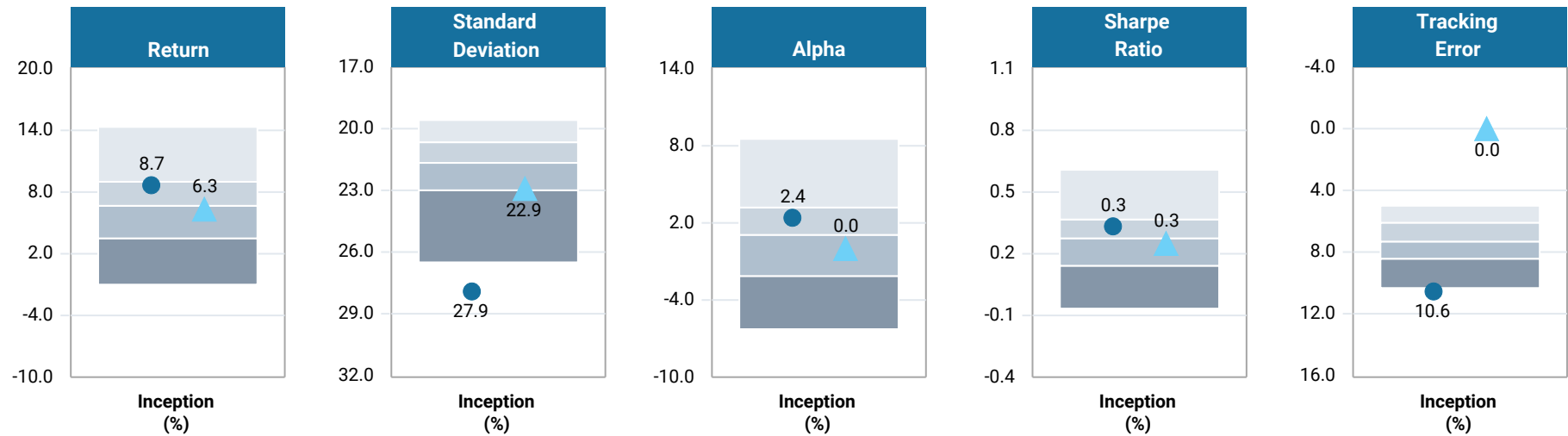
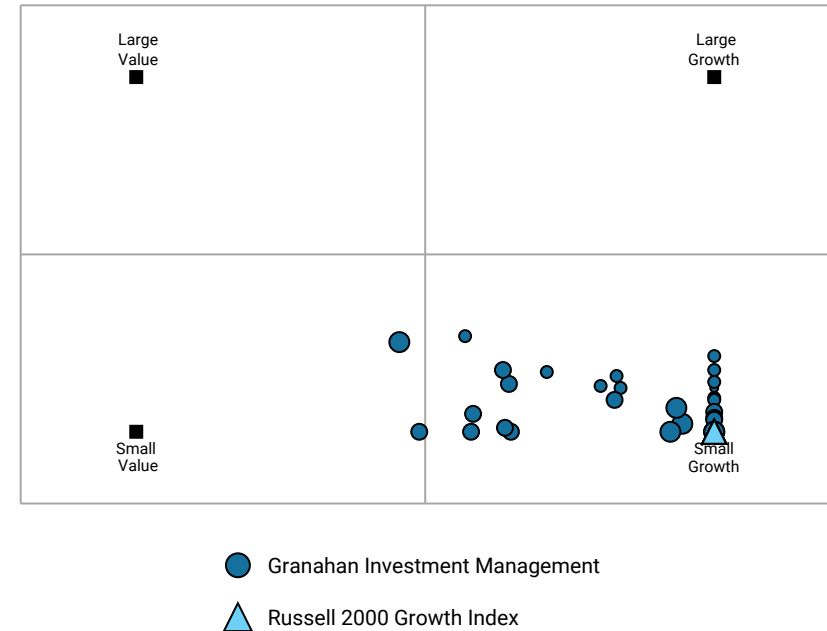
Los Angeles City Employees' Retirement System-LACERS Master Trust

# GRANAHAN INVESTMENT MANAGEMENT

Since Inception Return vs. Standard Deviation



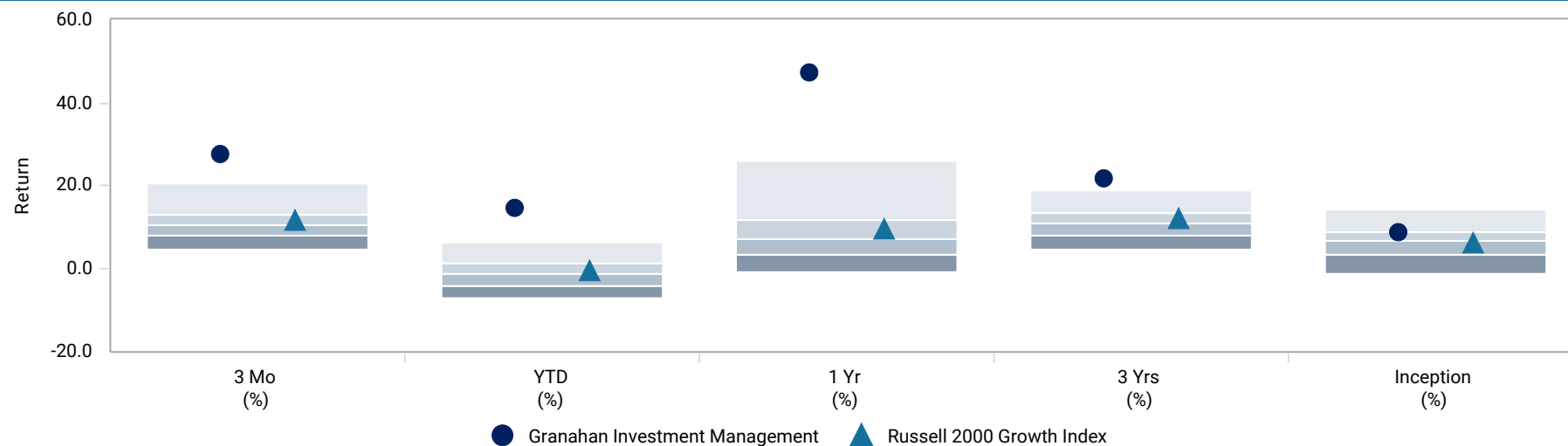
Rolling 1 Year Style Map



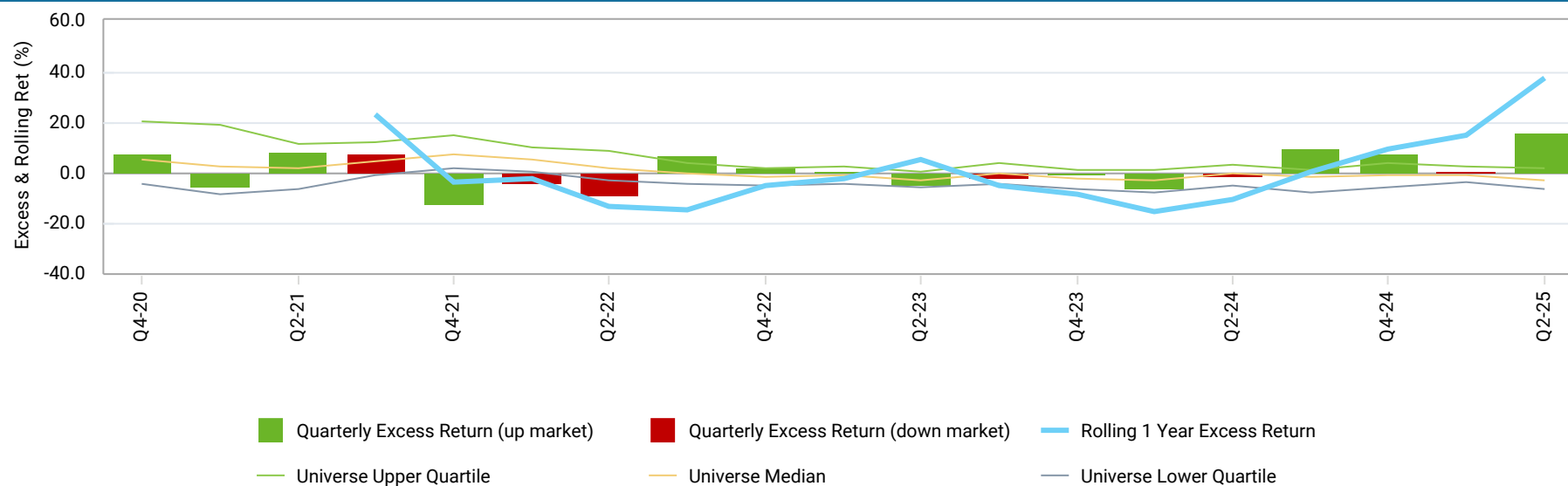
Los Angeles City Employees' Retirement System-LACERS Master Trust

# GRANAHAN INVESTMENT MANAGEMENT

## eV US Small Cap Growth Equity (net of fees)



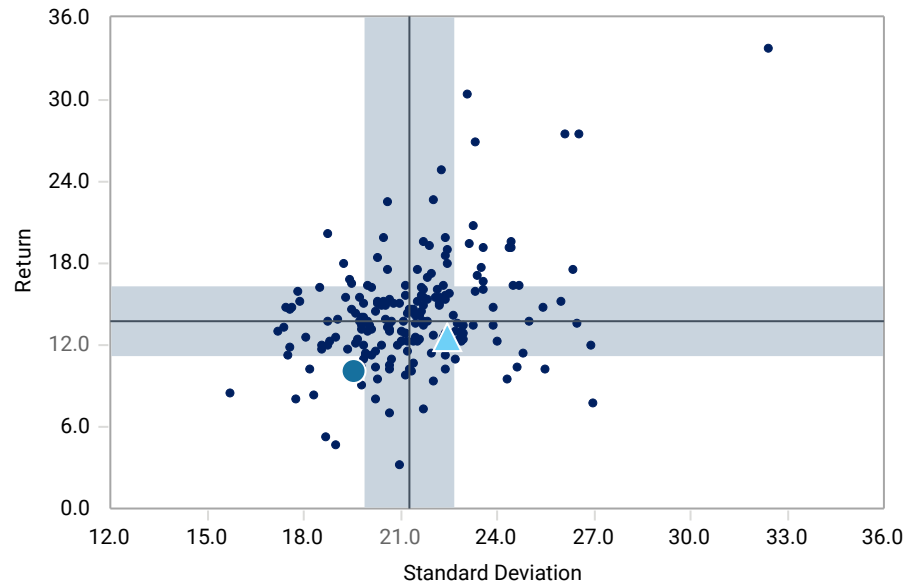
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

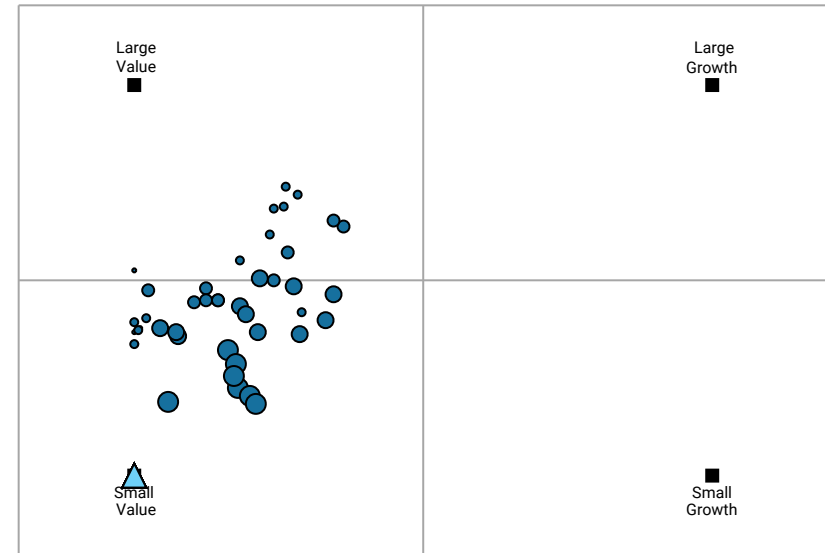
## SEGALL, BRYANT & HAMILL

Since Inception Return vs. Standard Deviation

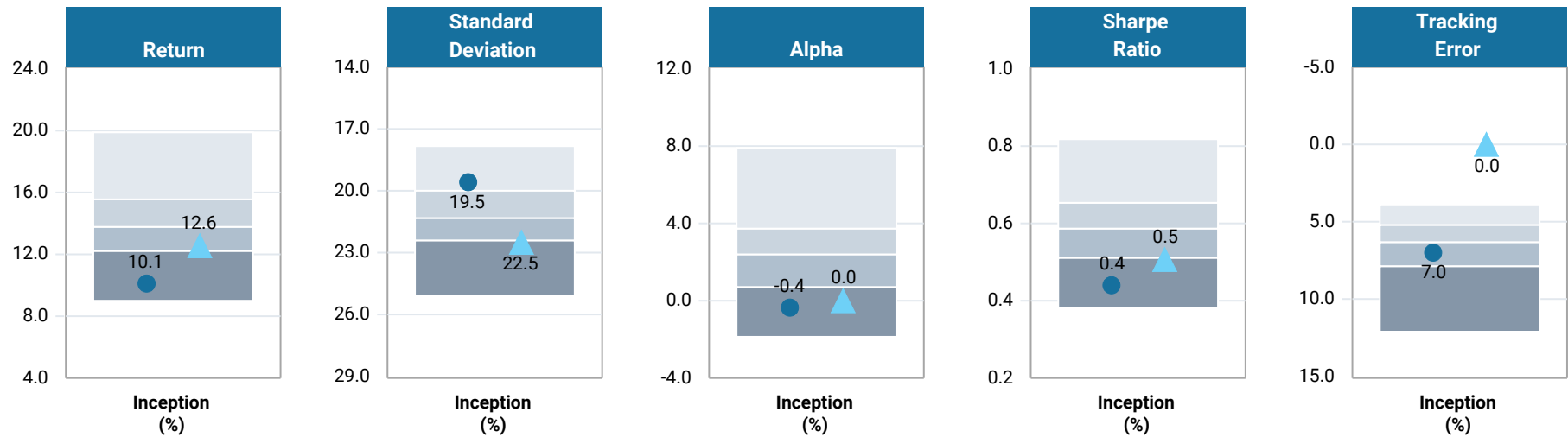


● Segall, Bryant & Hamill ▲ Russell 2000 Value Index

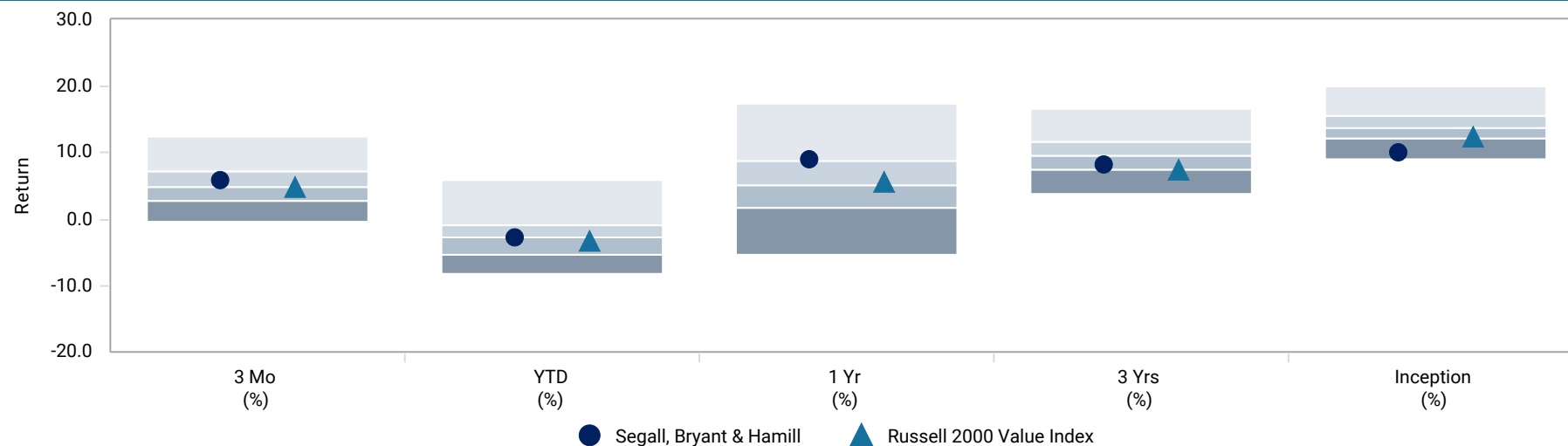
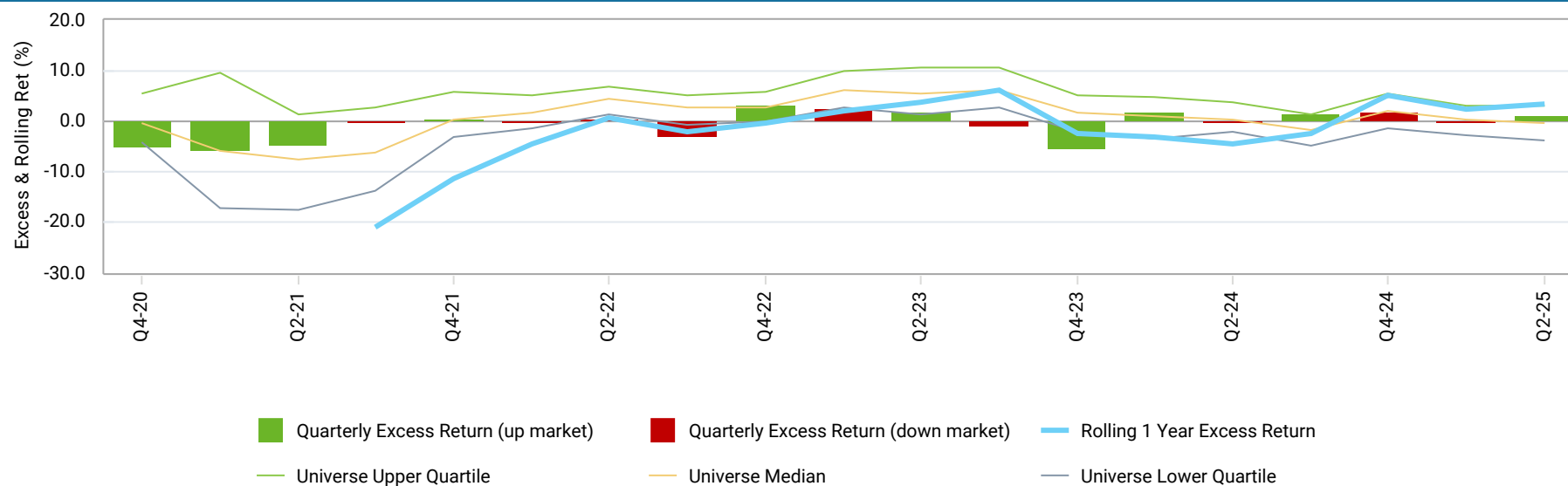
Rolling 1 Year Style Map



● Segall, Bryant & Hamill ▲ Russell 2000 Value Index



## Los Angeles City Employees' Retirement System-LACERS Master Trust

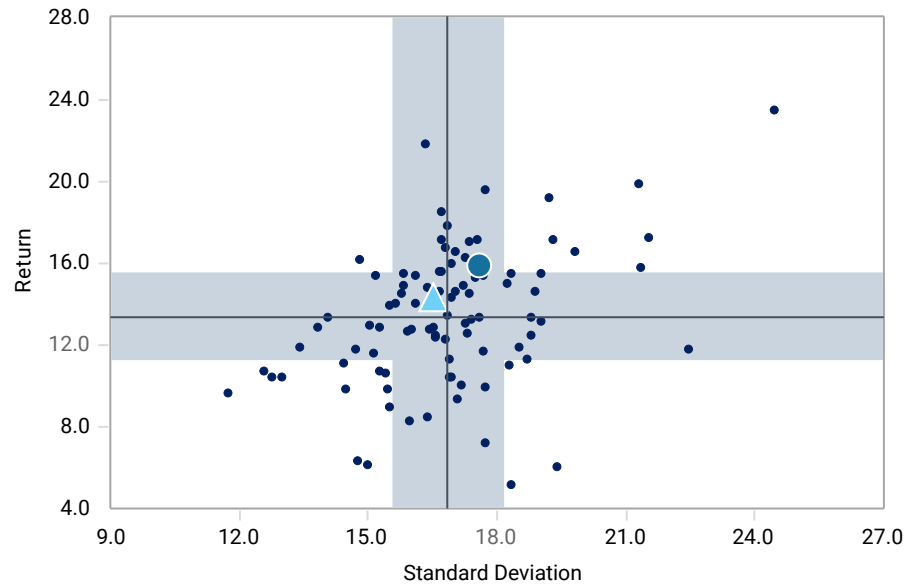
**SEGALL, BRYANT & HAMILL****eV US Small Cap Value Equity (net of fees)****Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025**

# NON-U.S. EQUITY MANAGER PERFORMANCE

Los Angeles City Employees' Retirement System-LACERS Master Trust

# BARROW HANLEY

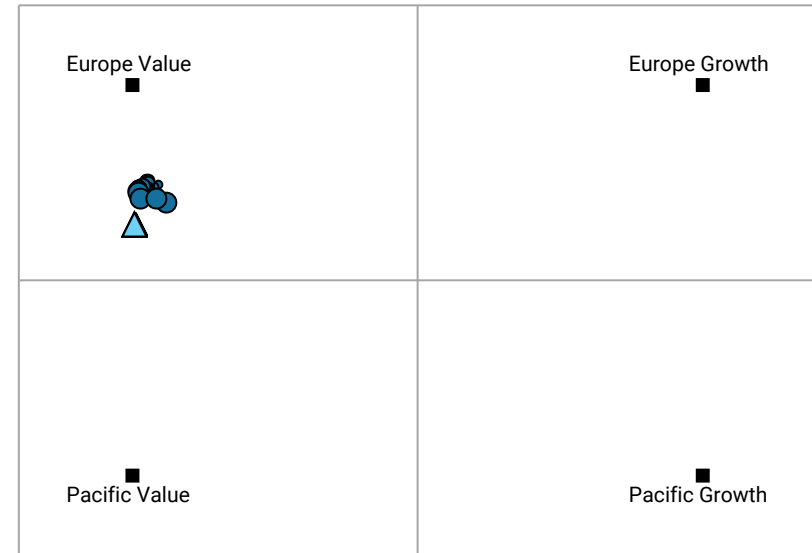
5 Years Return vs. Standard Deviation



● Barrow Hanley

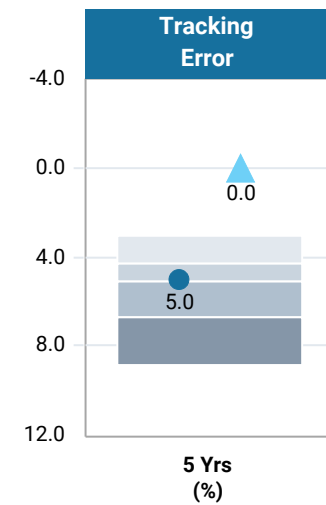
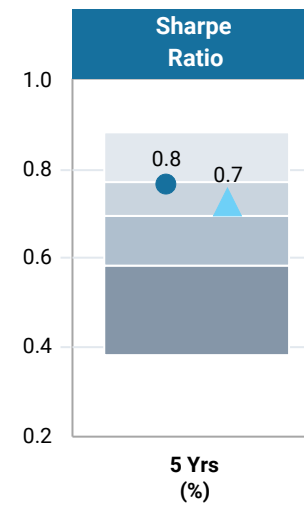
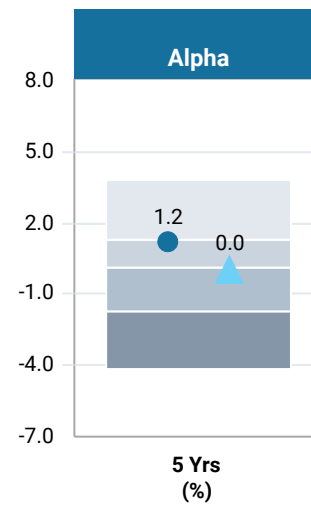
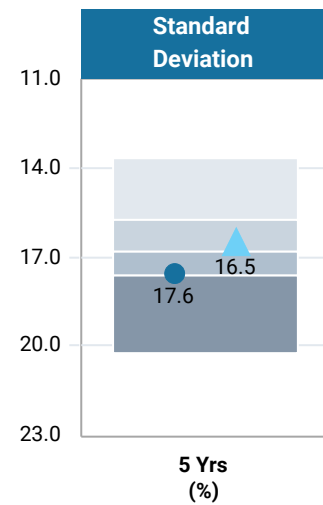
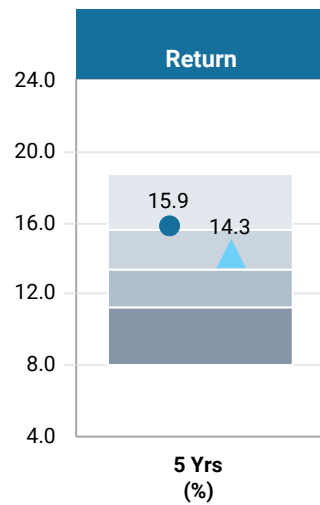
▲ MSCI EAFE Value Index (Net)

Rolling 5 Years Style Map



● Barrow Hanley

▲ MSCI EAFE Value Index (Net)

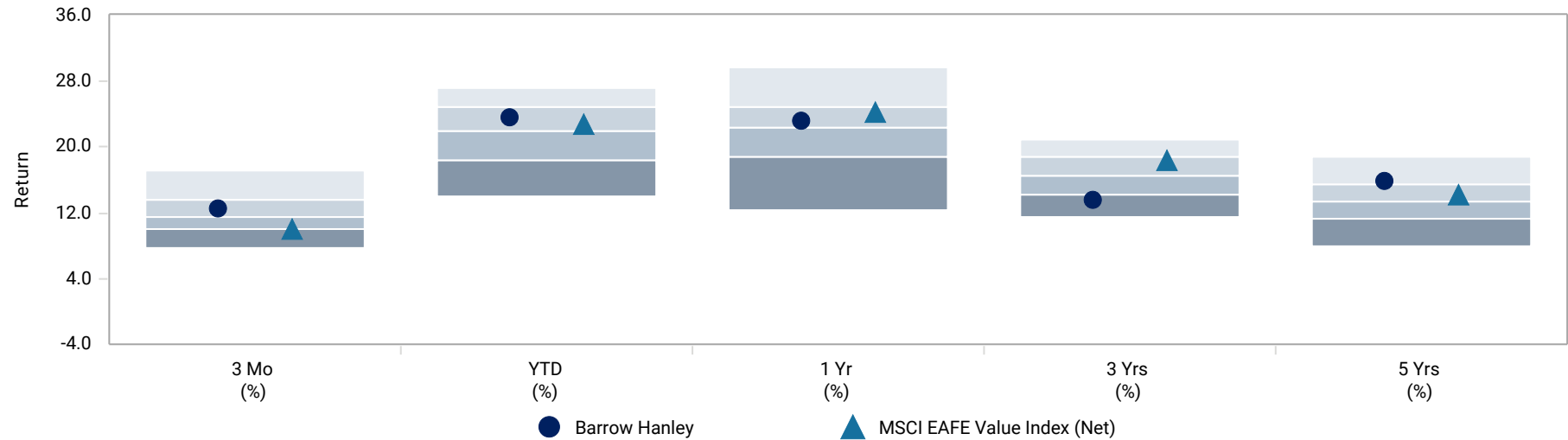


Los Angeles City Employees' Retirement System-LACERS Master Trust

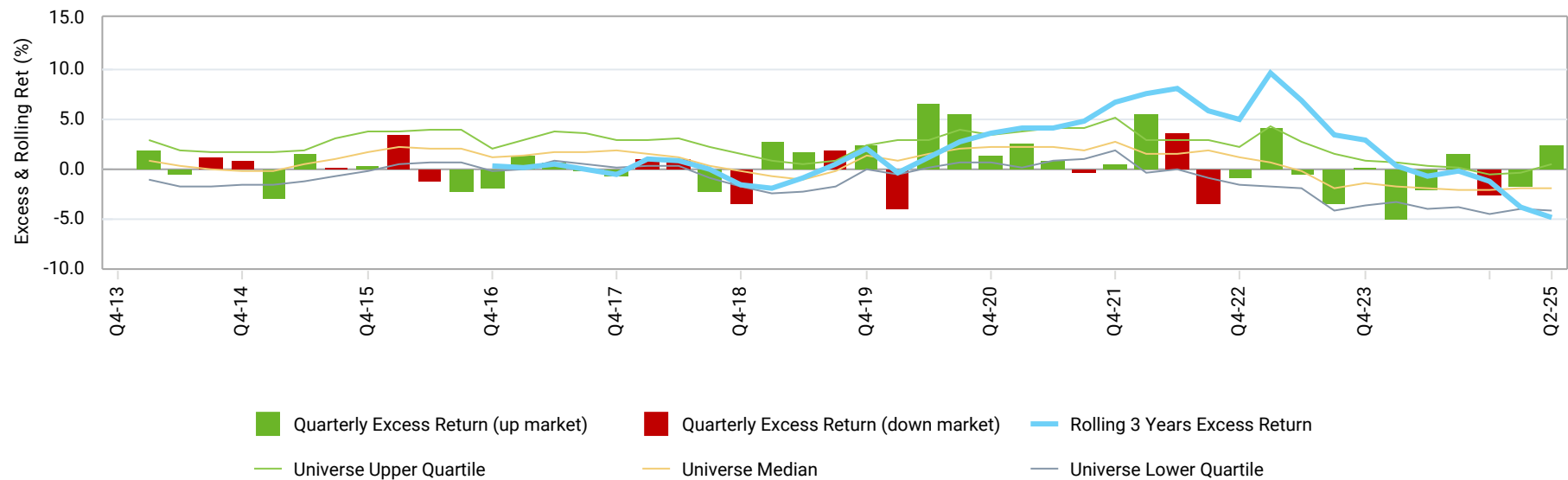
June 30, 2025

# BARROW HANLEY

## eV EAFE Value Equity (net of fees)



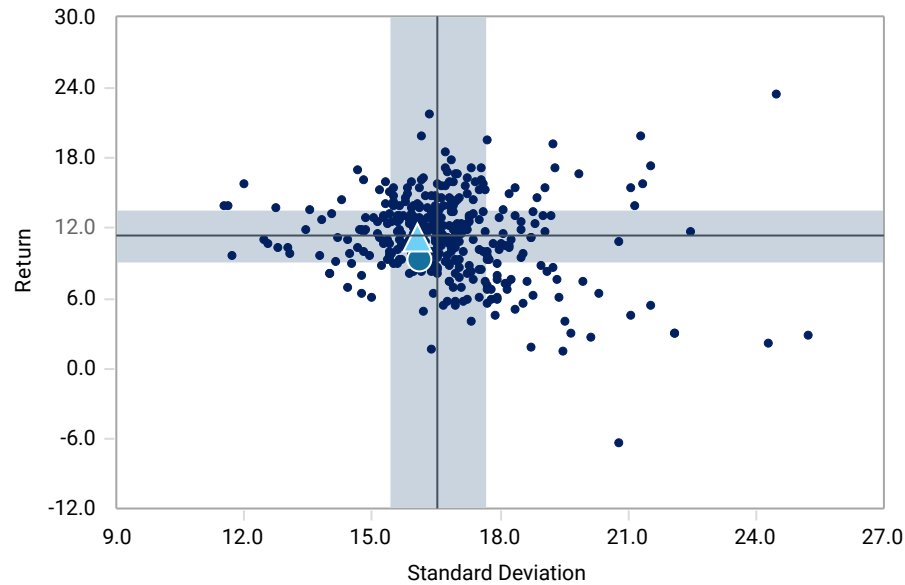
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

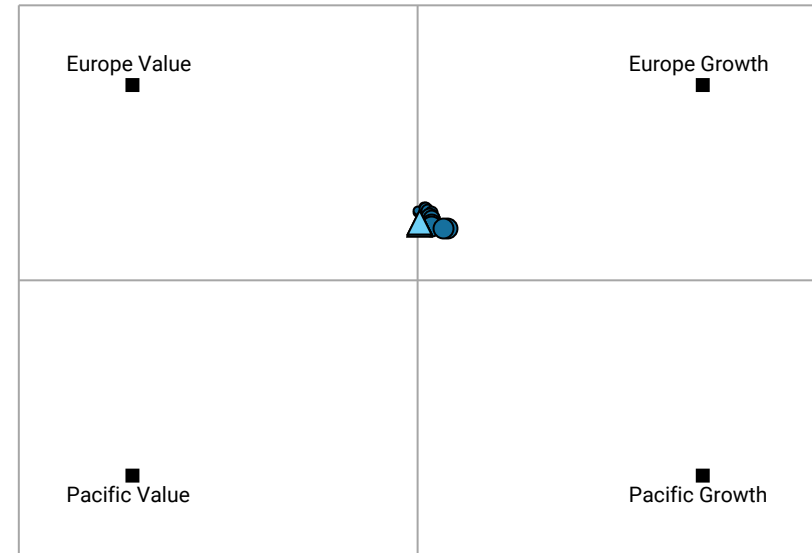
# LAZARD ASSET MANAGEMENT

5 Years Return vs. Standard Deviation

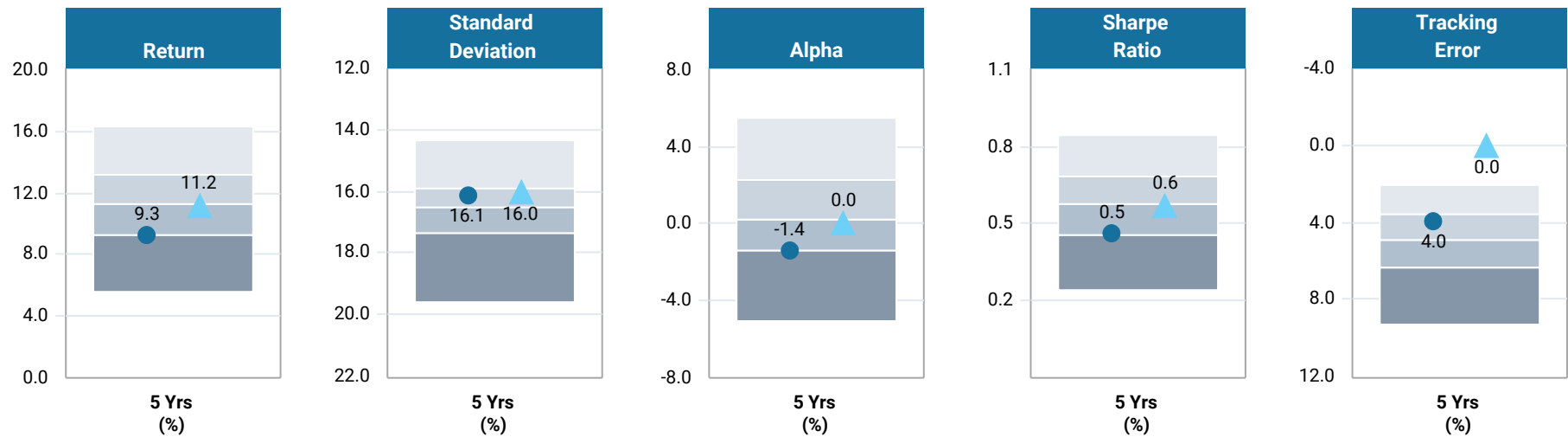


● Lazard Asset Management ▲ MSCI EAFE (Net)

Rolling 5 Years Style Map



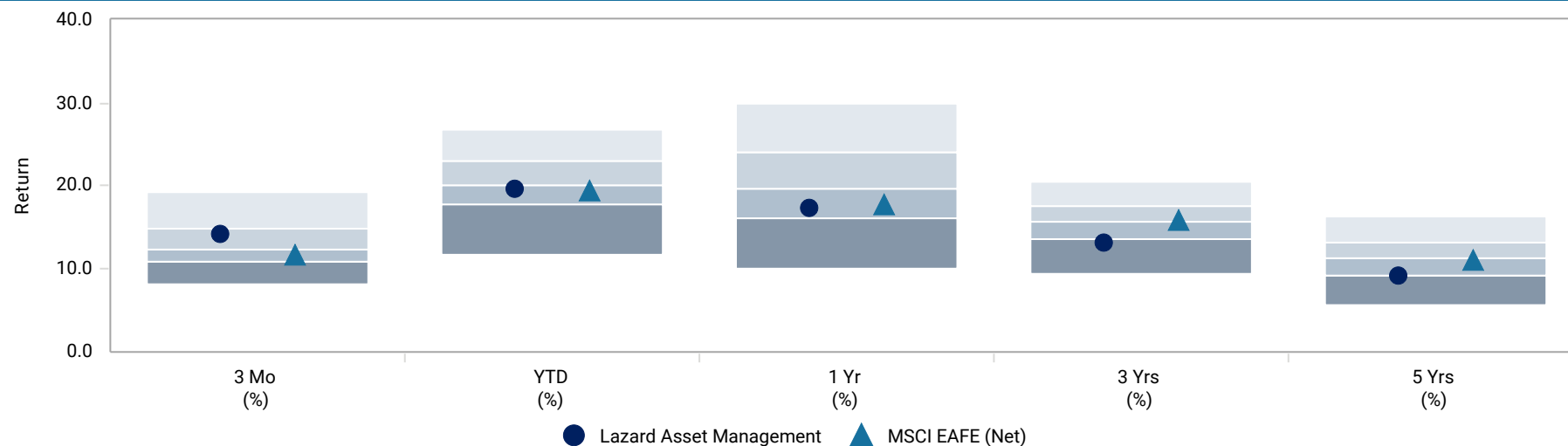
● Lazard Asset Management ▲ MSCI EAFE (Net)



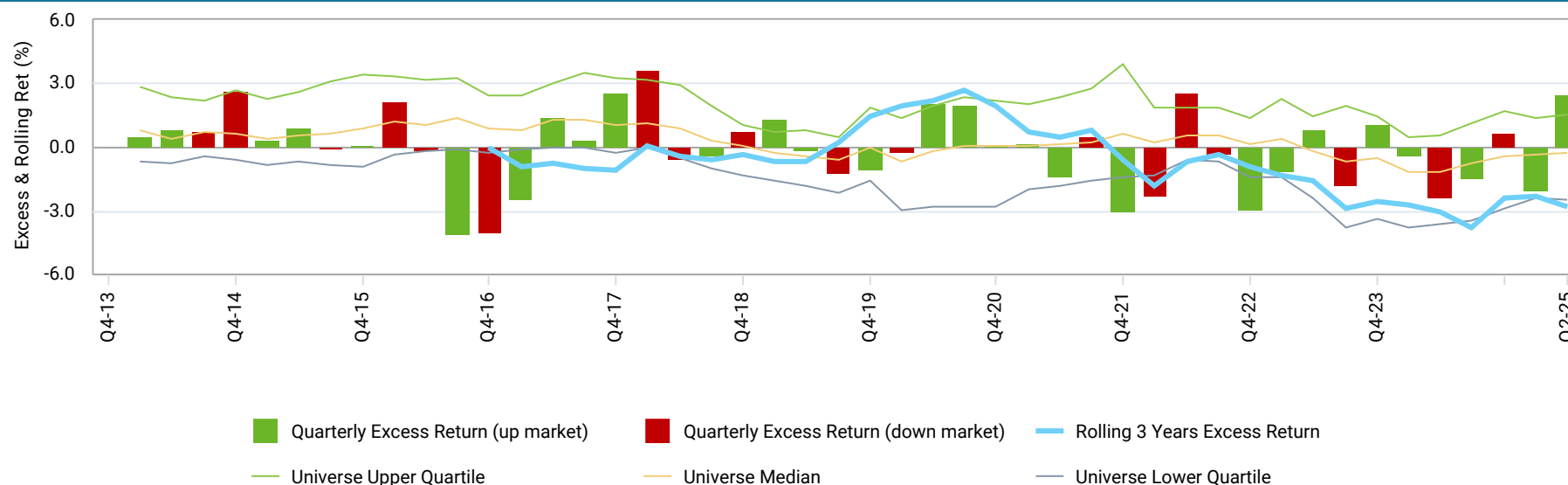
Los Angeles City Employees' Retirement System-LACERS Master Trust

# LAZARD ASSET MANAGEMENT

## eV All EAFE Equity (net of fees)

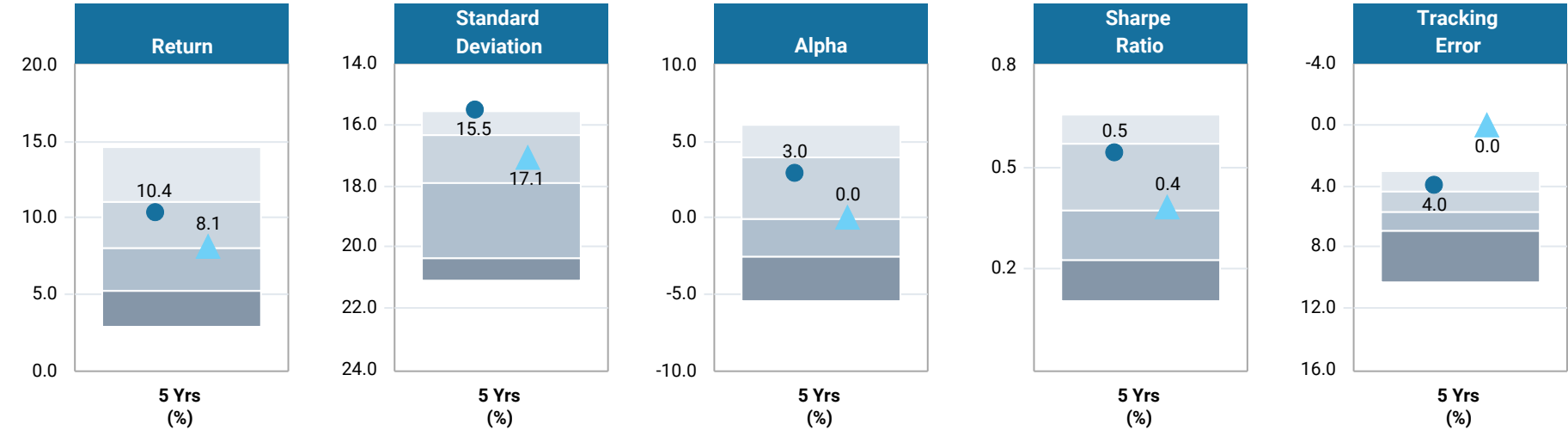
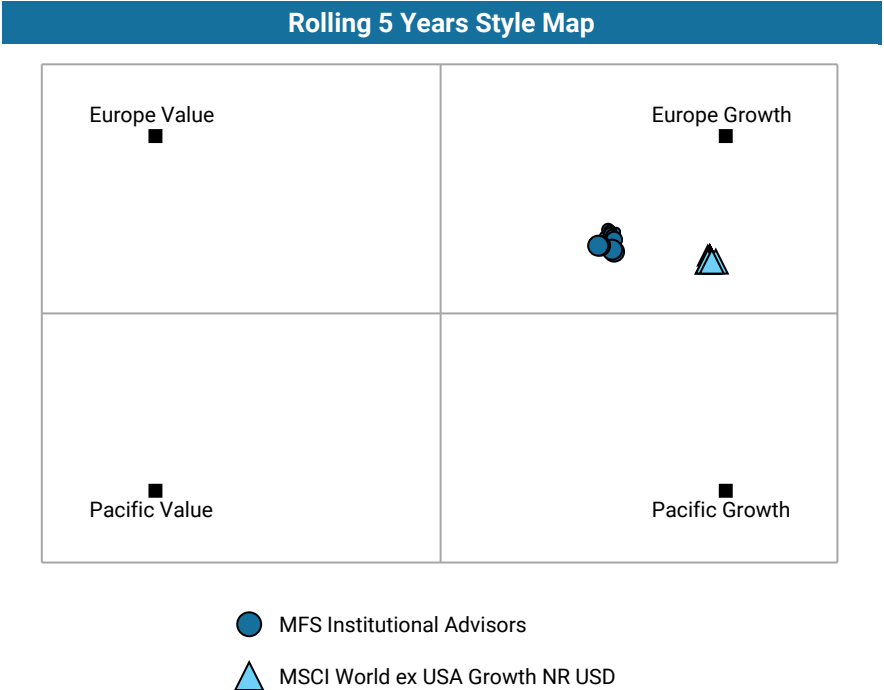
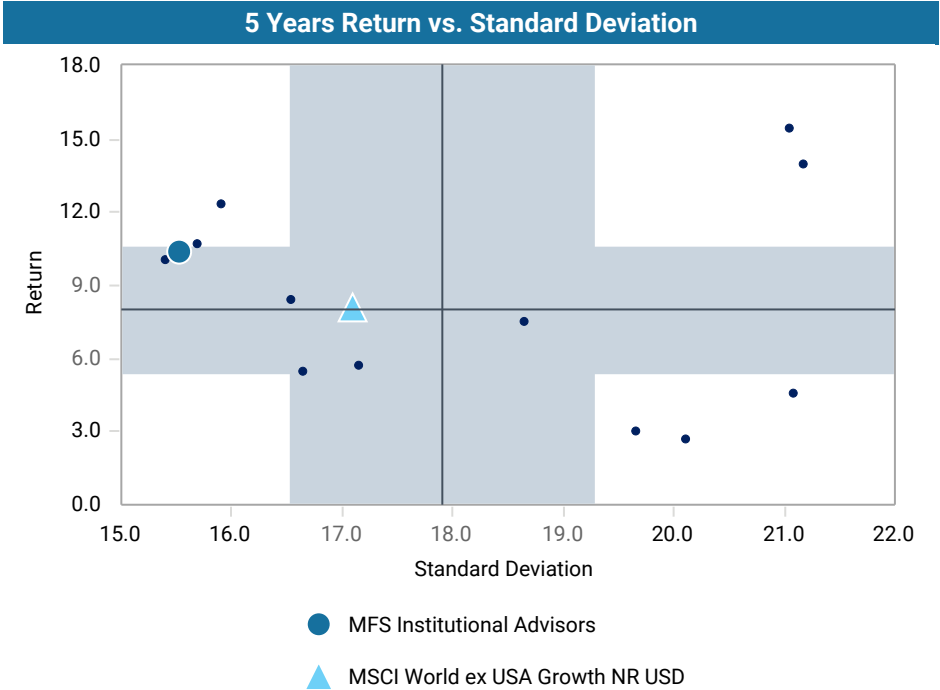


## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

# MFS INSTITUTIONAL ADVISORS

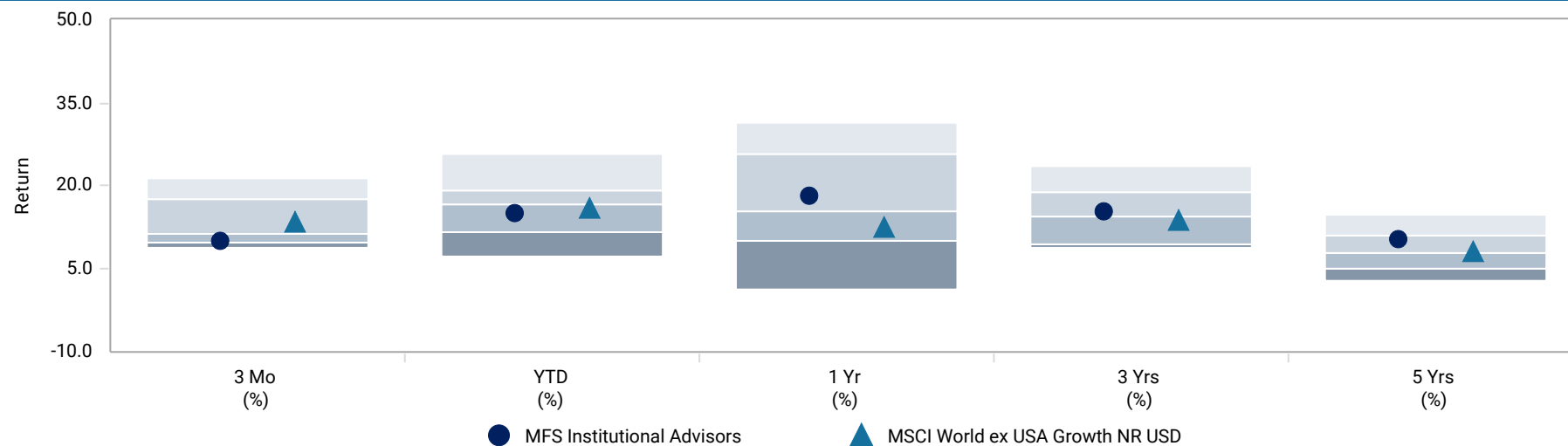


Los Angeles City Employees' Retirement System-LACERS Master Trust

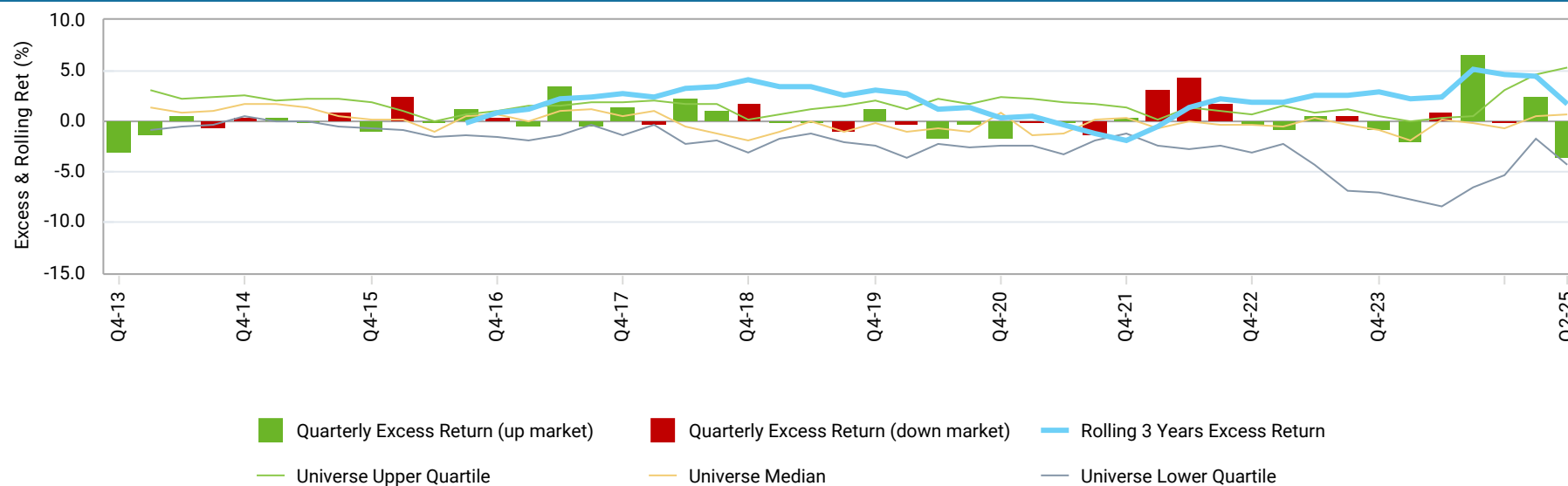
June 30, 2025

# MFS INSTITUTIONAL ADVISORS

eV EAFE All Cap Growth (net of fees)



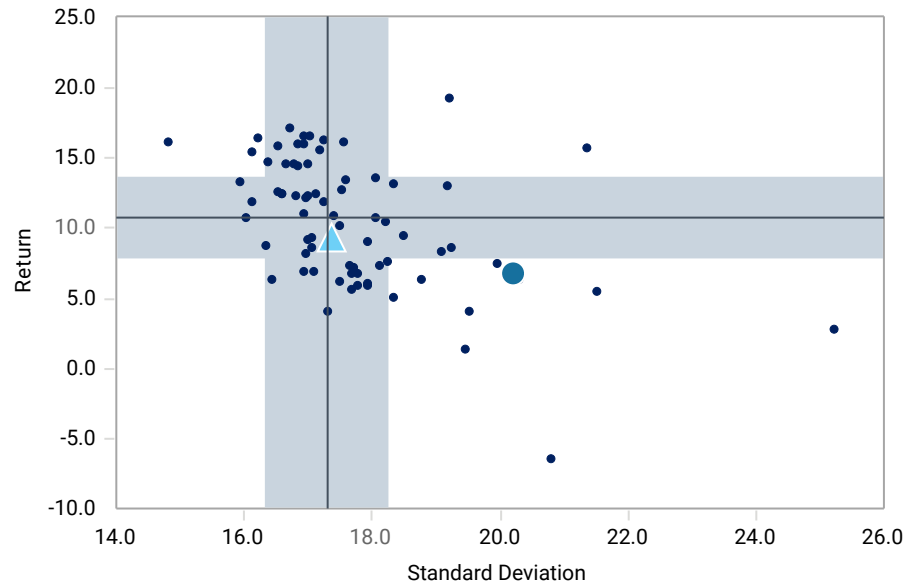
Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



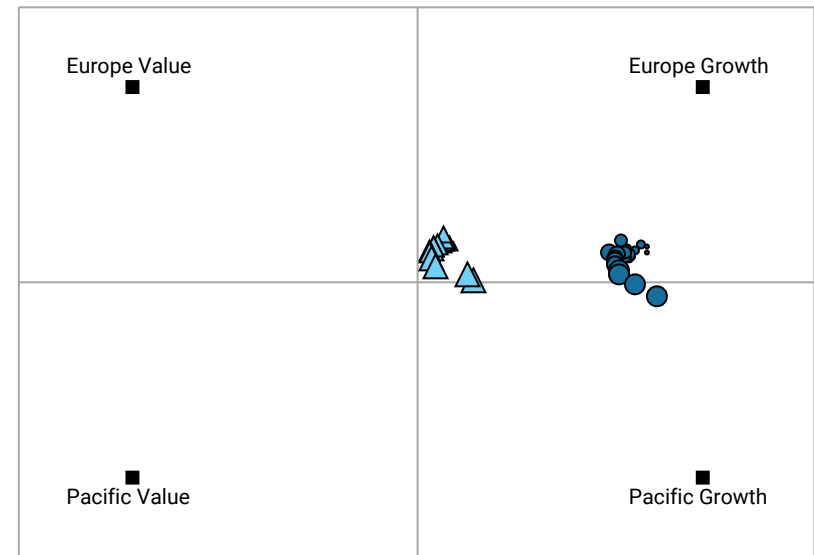
Los Angeles City Employees' Retirement System-LACERS Master Trust

# OBERWEIS ASSET MGMT

5 Years Return vs. Standard Deviation

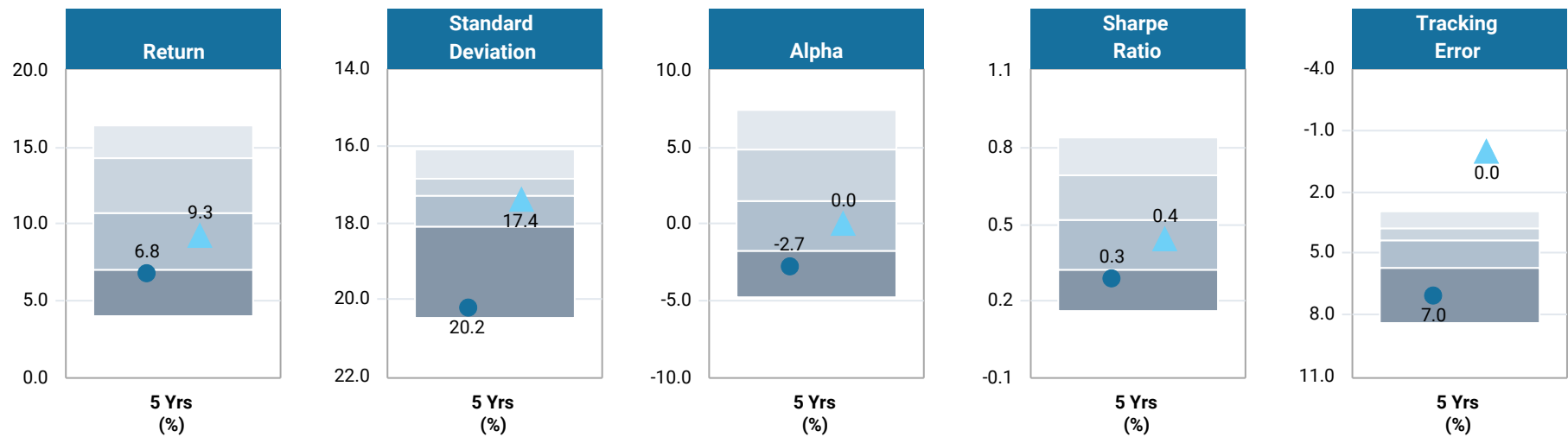


Rolling 5 Years Style Map



● Oberweis Asset Mgmt ▲ MSCI EAFE Small Cap (Net)

● Oberweis Asset Mgmt ▲ MSCI EAFE Small Cap (Net)

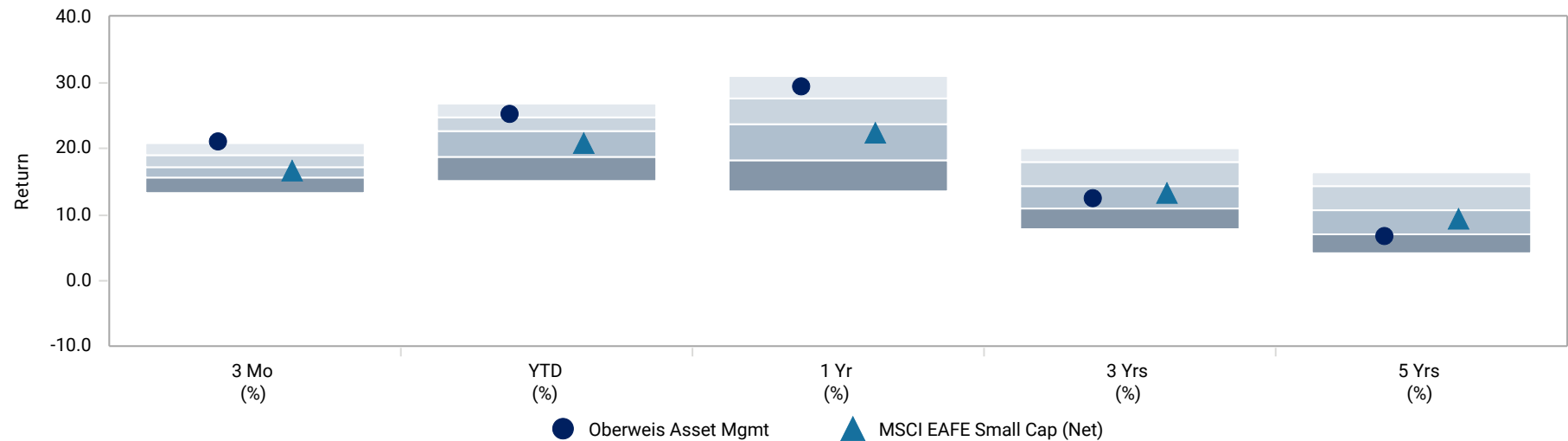


Los Angeles City Employees' Retirement System-LACERS Master Trust

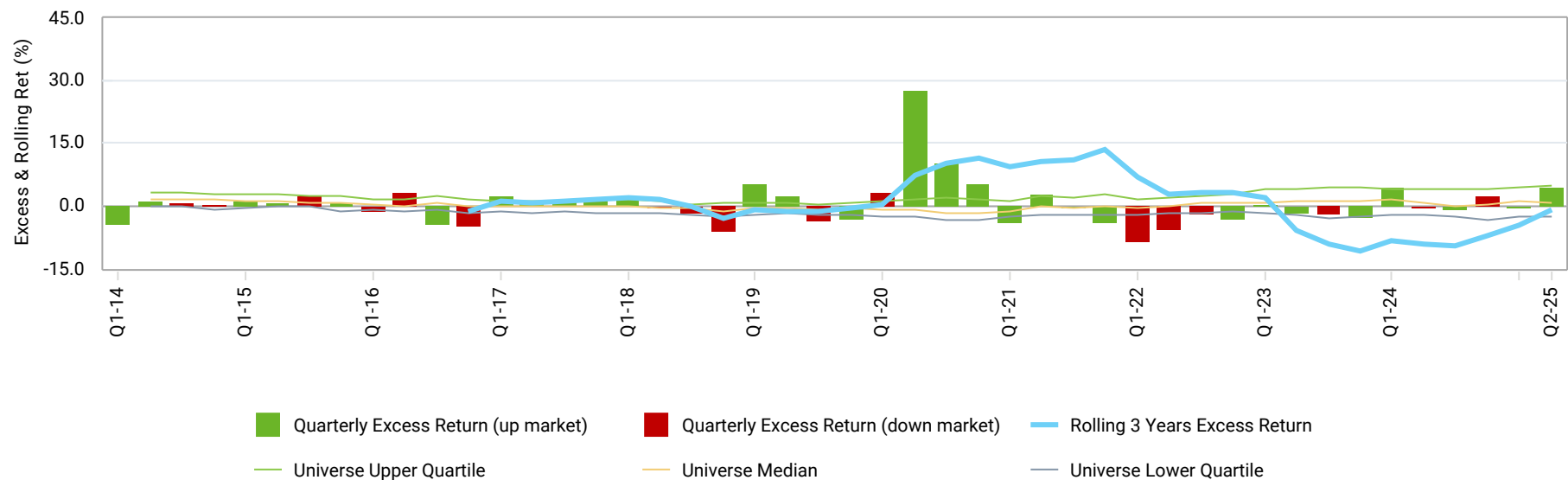
June 30, 2025

# OBERWEIS ASSET MGMT

## eV EAFE Small Cap Equity (net of fees)



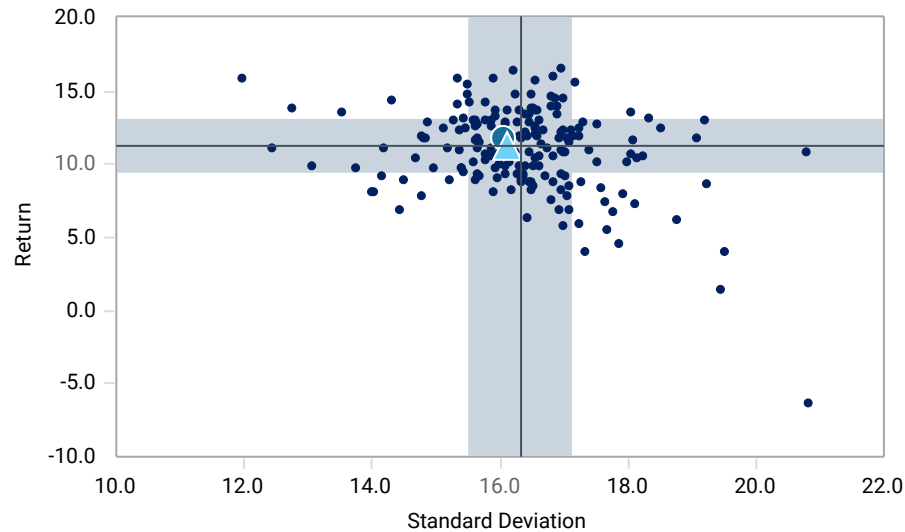
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

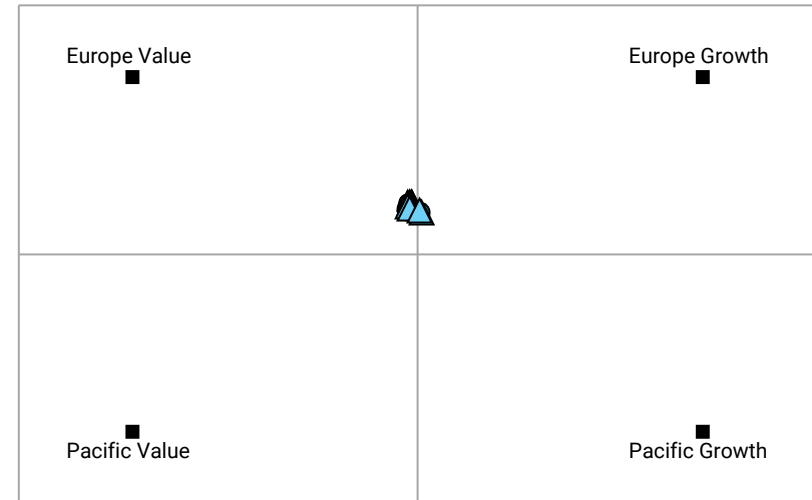
## SSGA WORLD EX US IMI

5 Years Return vs. Standard Deviation

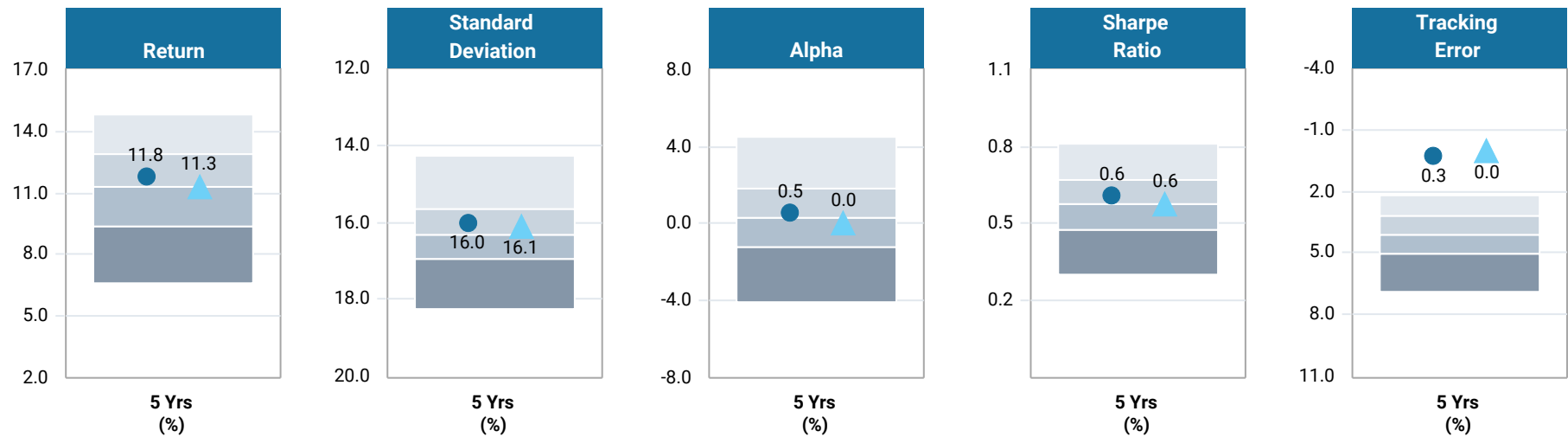


● SSGA World ex US IMI  
▲ MSCI World ex U.S. IMI Index (Net)

Rolling 5 Years Style Map



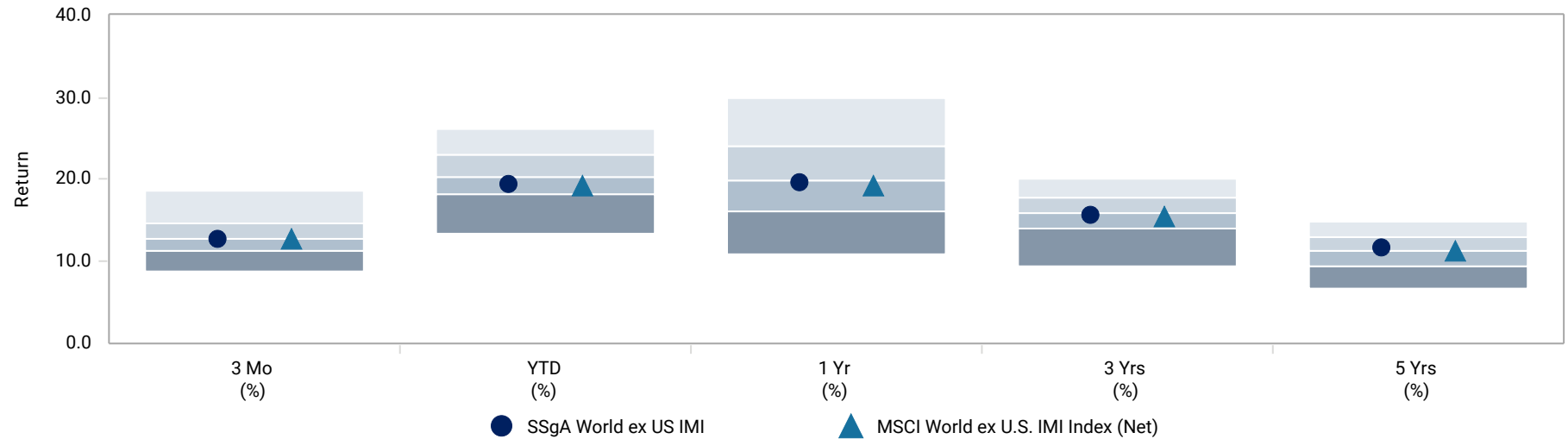
● SSGA World ex US IMI  
▲ MSCI World ex U.S. IMI Index (Net)



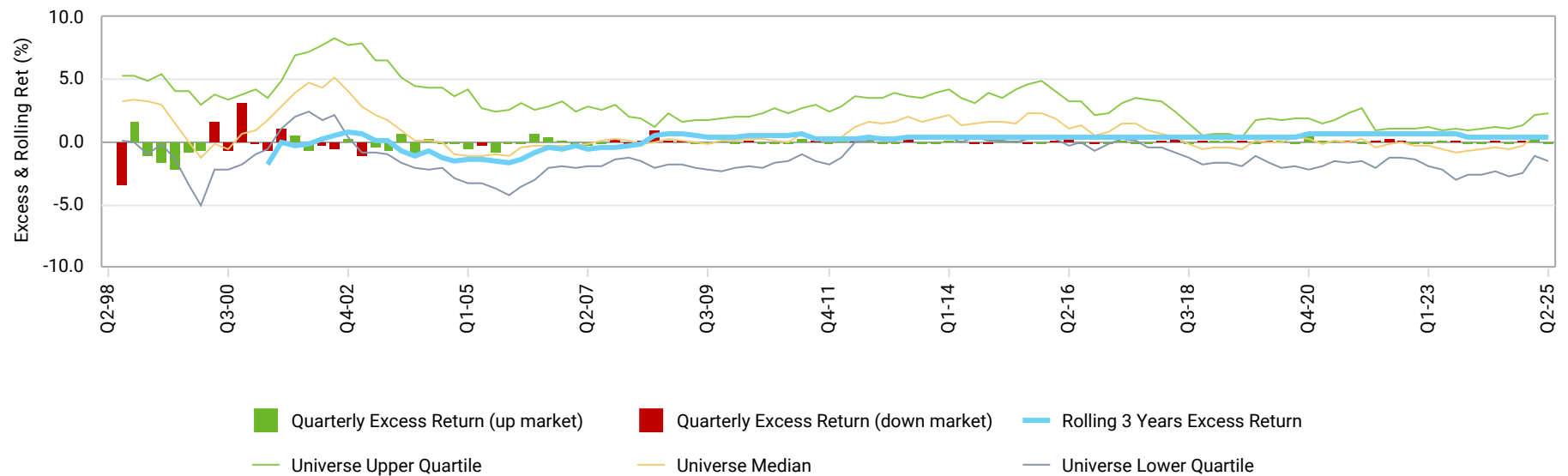
Los Angeles City Employees' Retirement System-LACERS Master Trust

# SSGA WORLD EX US IMI

## eV EAFE Core Equity (net of fees)



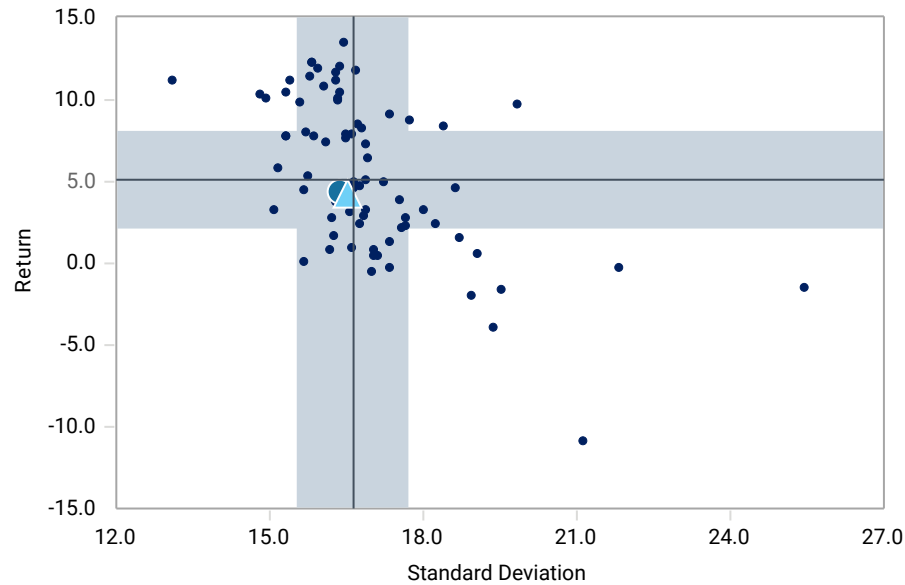
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

# SSGA EAFE SMALL CAP

Since Inception Return vs. Standard Deviation



Rolling 1 Year Style Map

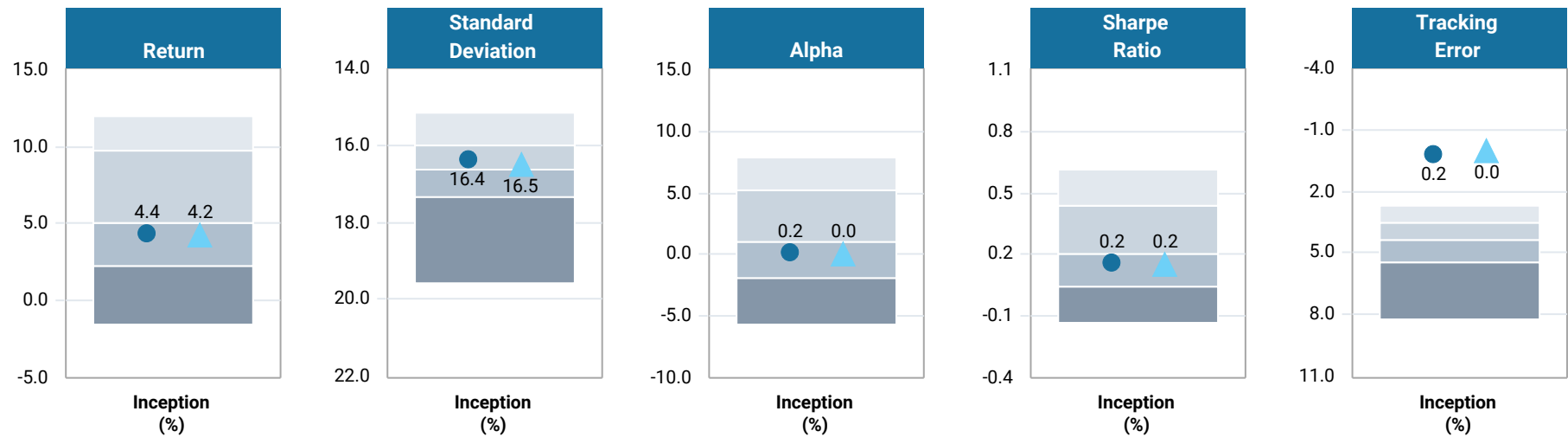


● State Street EAFE SC

▲ MSCI EAFE Small Cap (Net)

● State Street EAFE SC

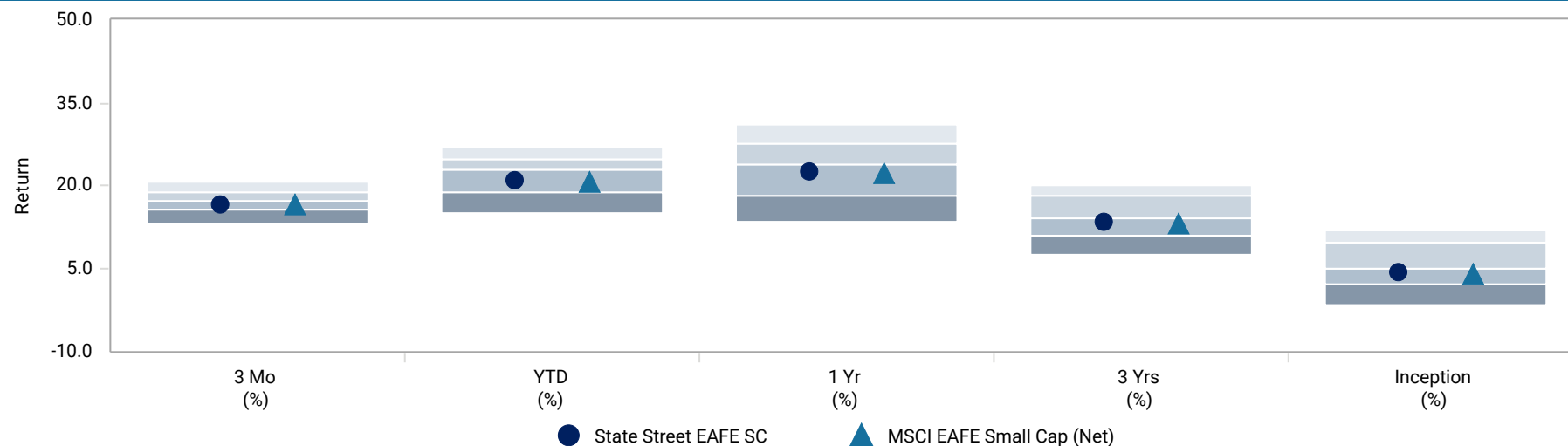
▲ MSCI EAFE Small Cap (Net)



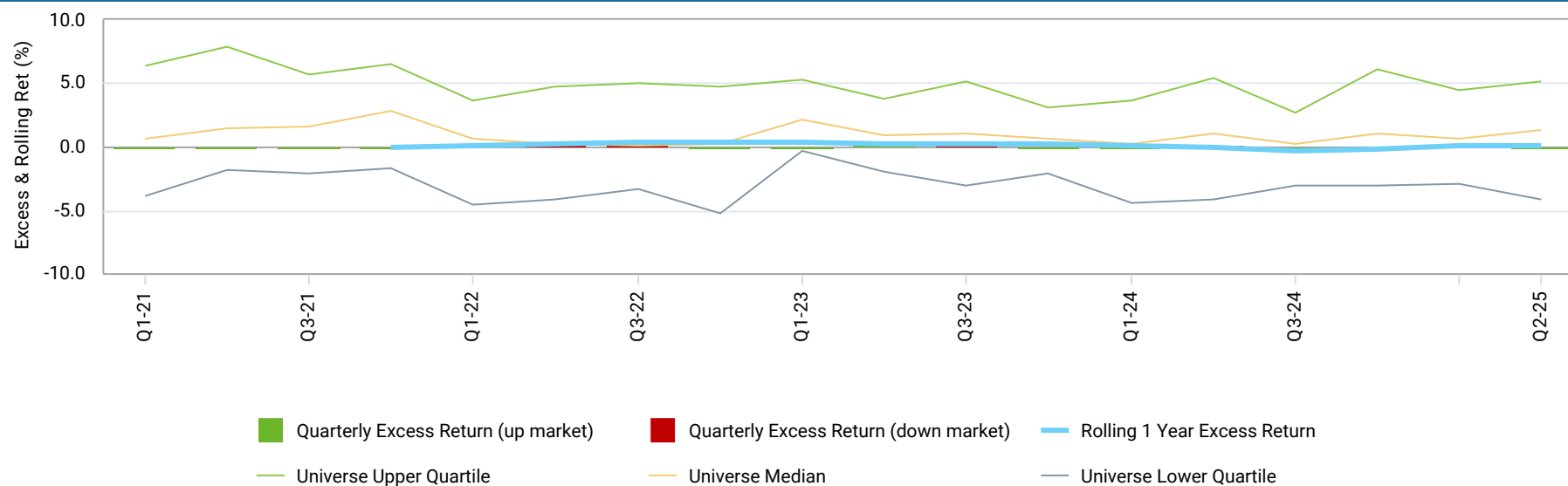
Los Angeles City Employees' Retirement System-LACERS Master Trust

# SSGA EAFE SMALL CAP

## eV EAFE Small Cap Equity (net of fees)



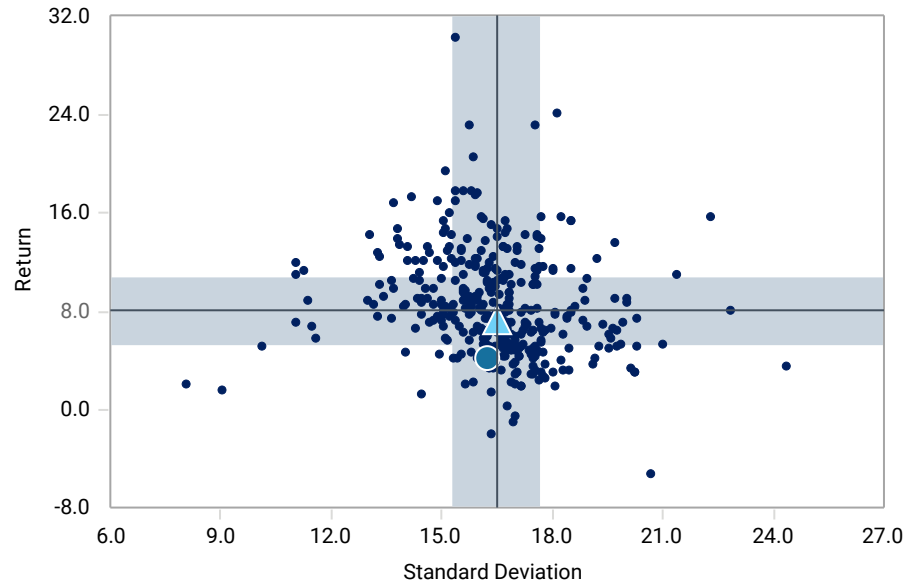
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



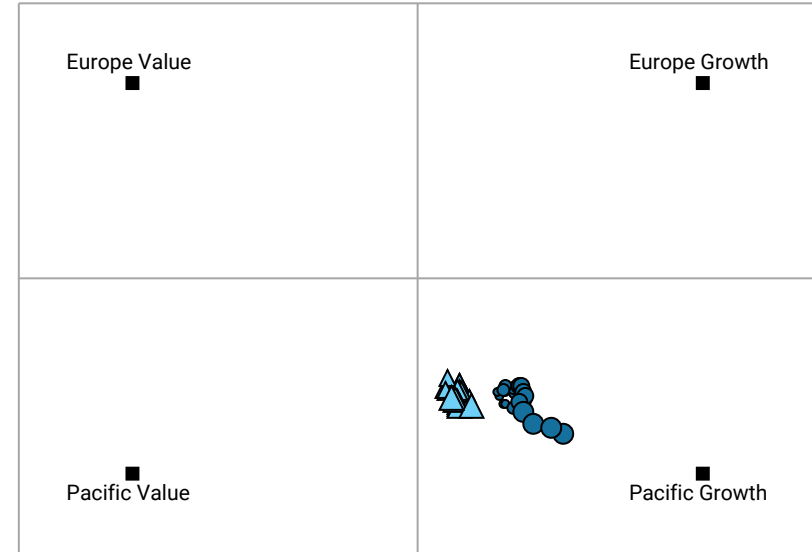
Los Angeles City Employees' Retirement System-LACERS Master Trust

# AXIOM EMERGING MARKETS

5 Years Return vs. Standard Deviation

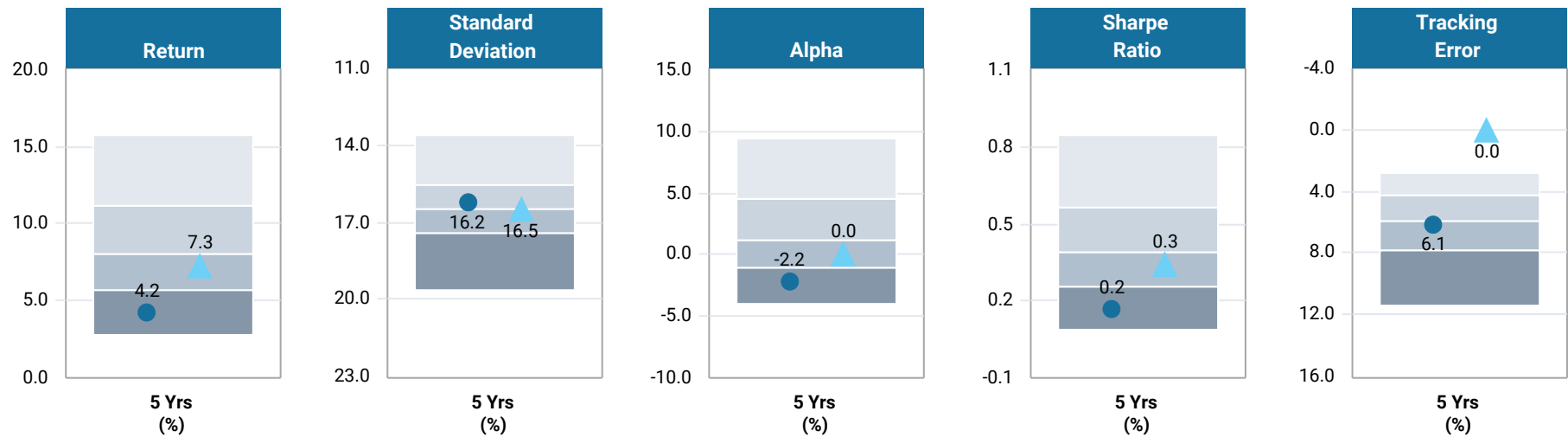


Rolling 5 Years Style Map



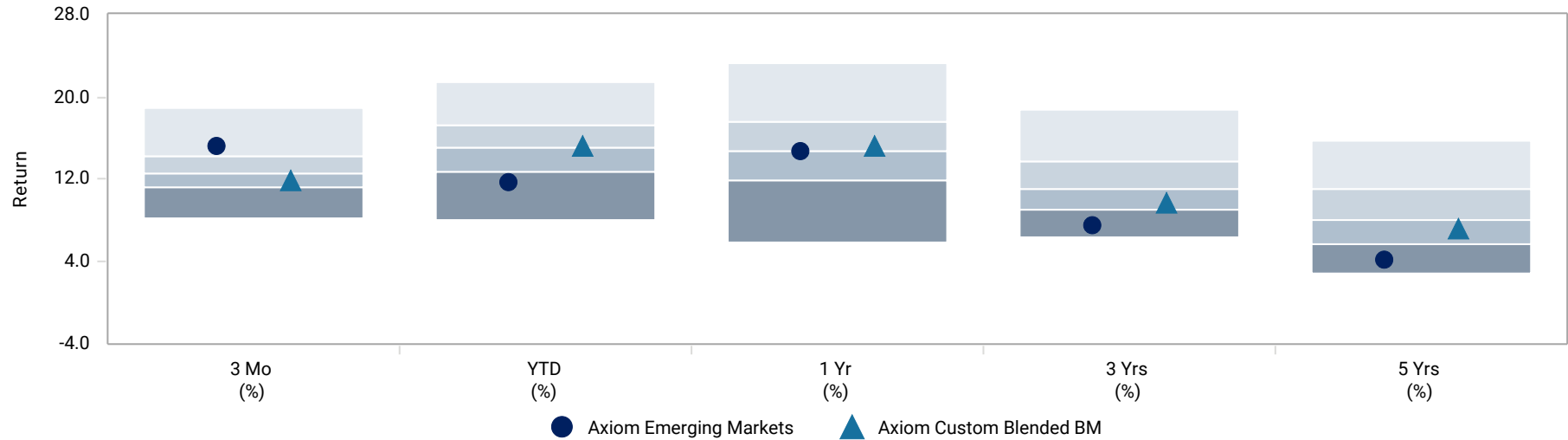
● Axiom Emerging Markets ▲ Axiom Custom Blended BM

● Axiom Emerging Markets ▲ Axiom Custom Blended BM

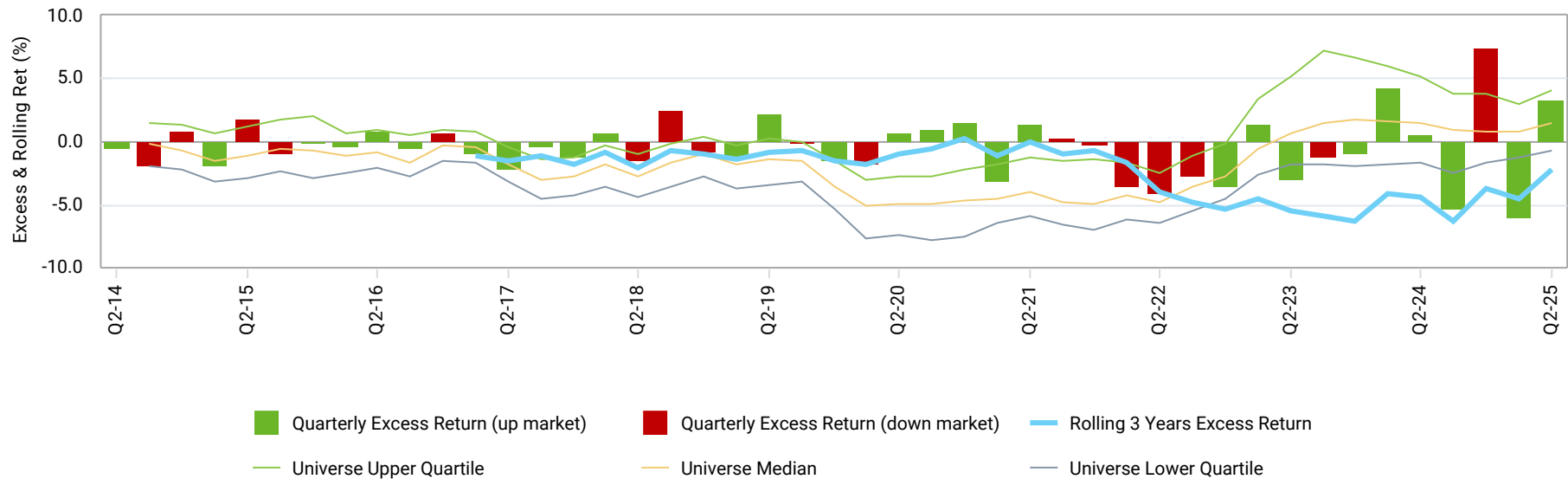


# AXIOM EMERGING MARKETS

## eV Emg Mkts Equity (net of fees)

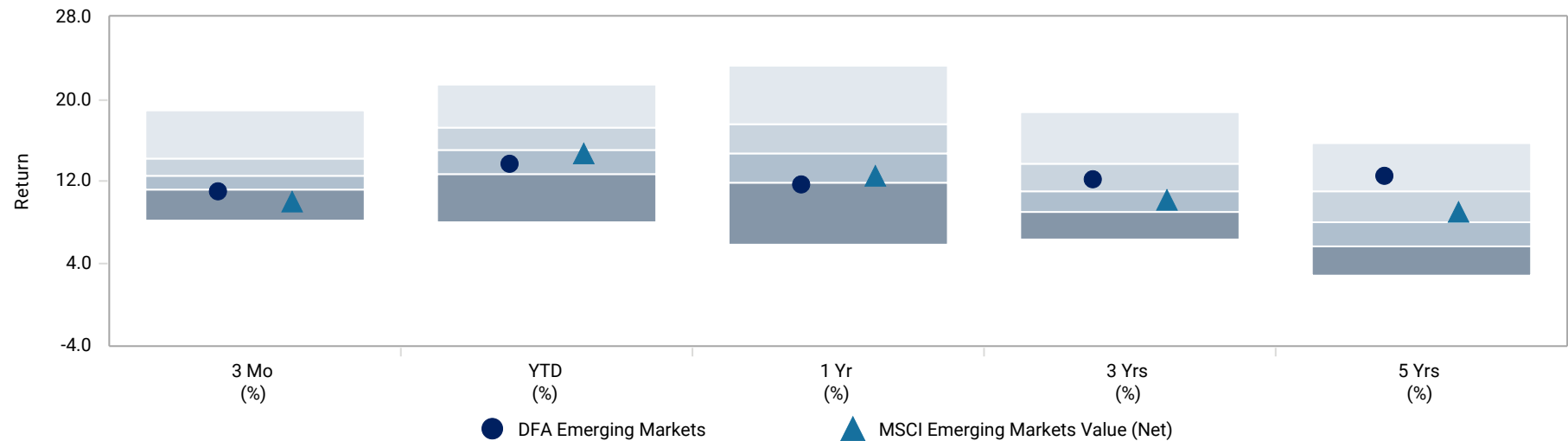


## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025

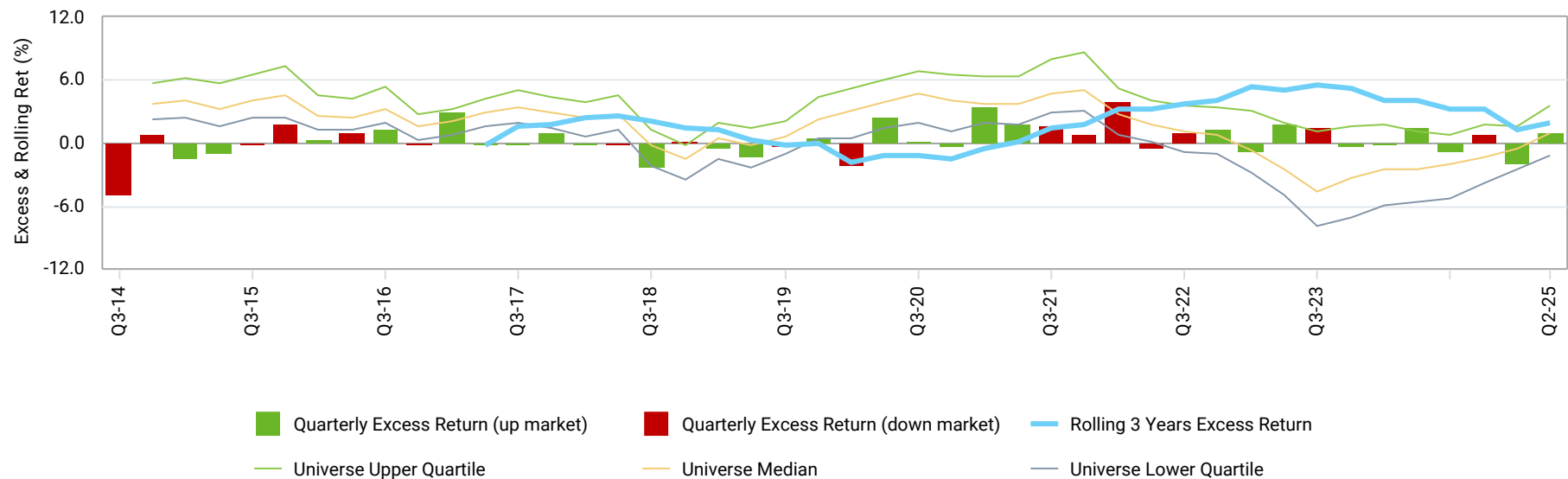


# DFA EMERGING MARKETS

eV Emg Mkts Equity (net of fees)

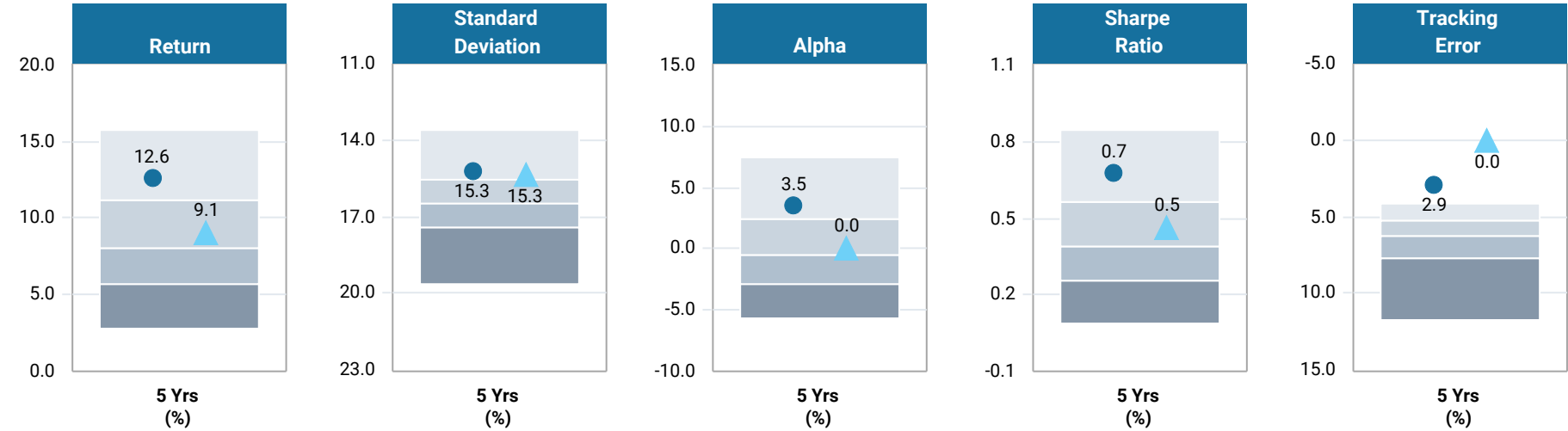
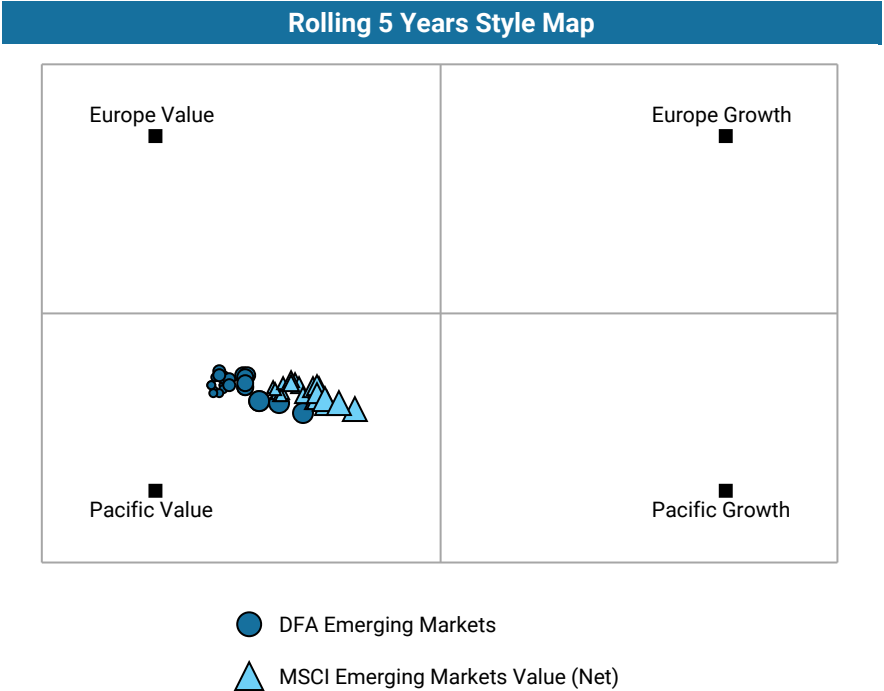
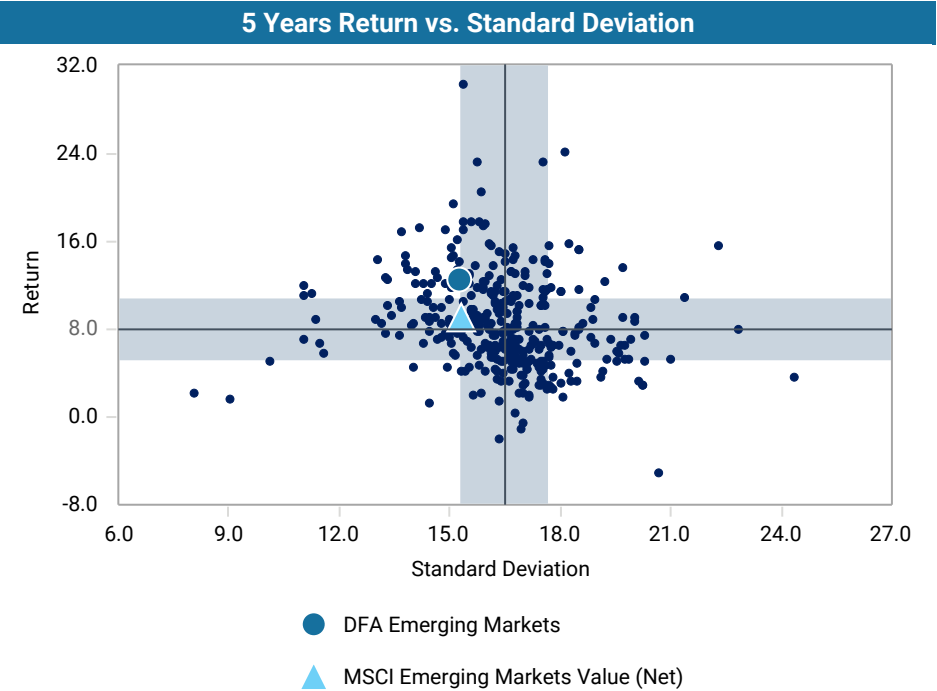


Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025

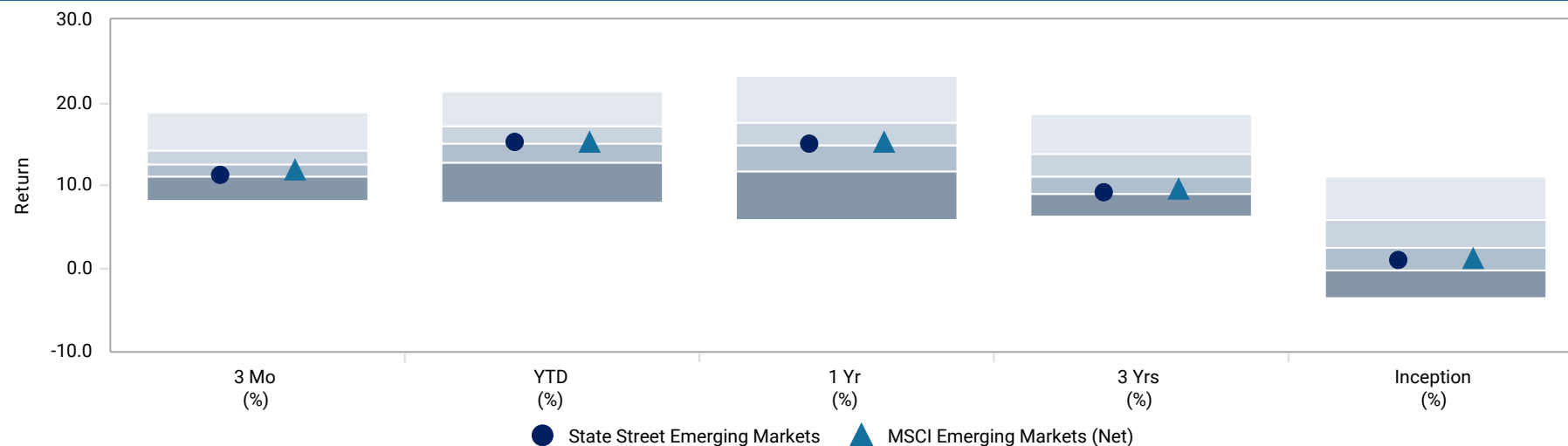
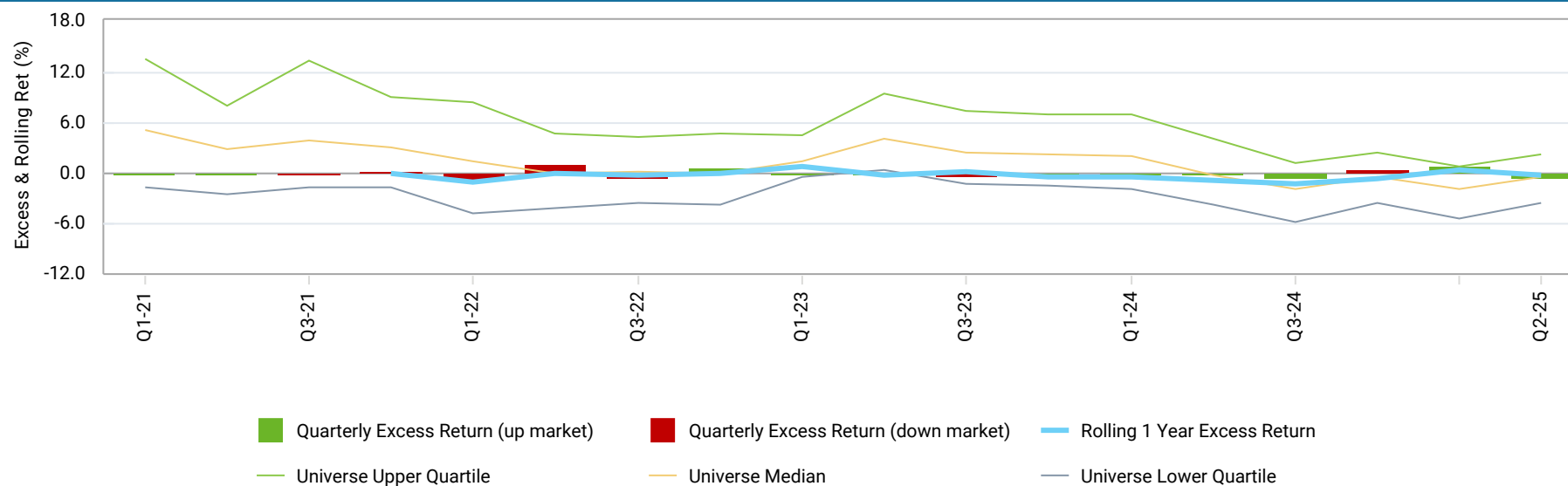


Los Angeles City Employees' Retirement System-LACERS Master Trust

# DFA EMERGING MARKETS



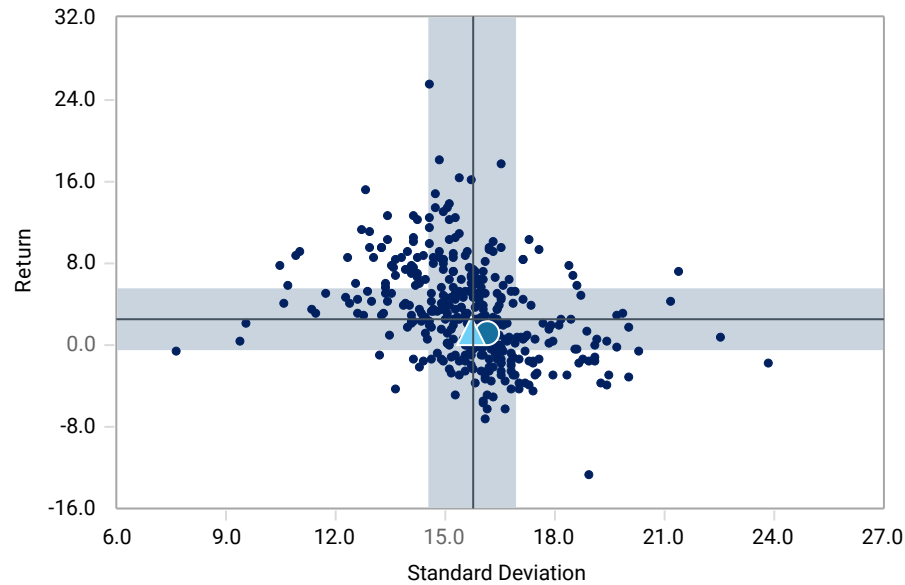
## Los Angeles City Employees' Retirement System-LACERS Master Trust

**SSGA EMERGING MARKETS****eV Emg Mkts Equity (net of fees)****Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025**

Los Angeles City Employees' Retirement System-LACERS Master Trust

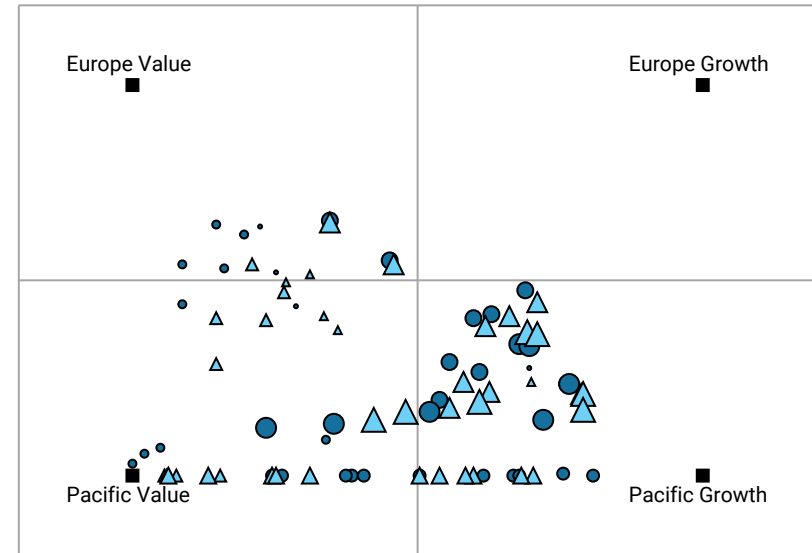
# SSGA EMERGING MARKETS

Since Inception Return vs. Standard Deviation

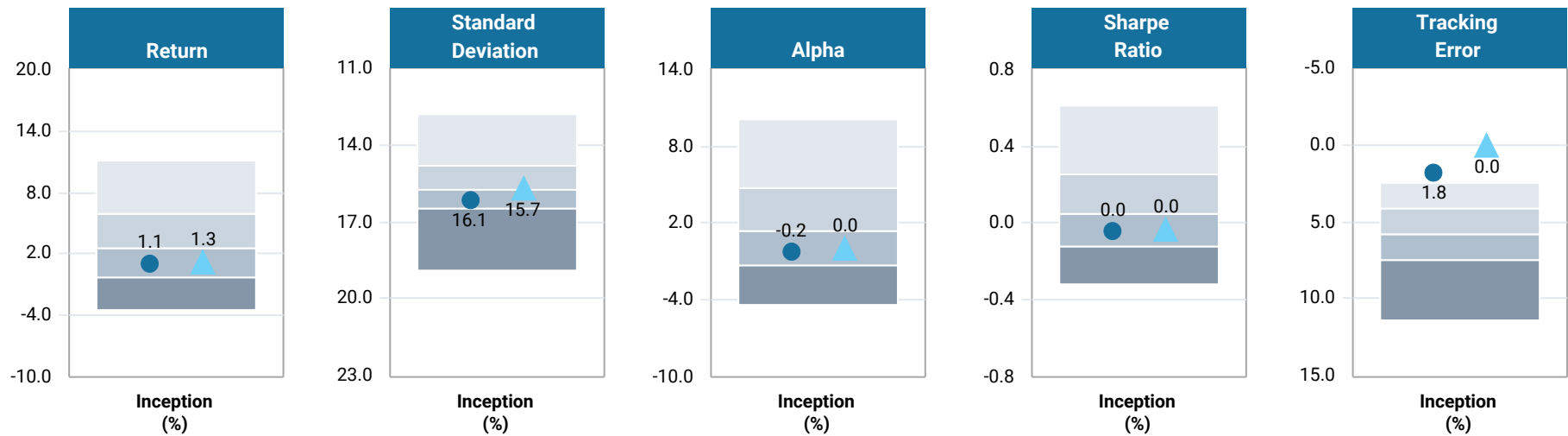


● State Street Emerging Markets ▲ MSCI Emerging Markets (Net)

Rolling 1 Year Style Map



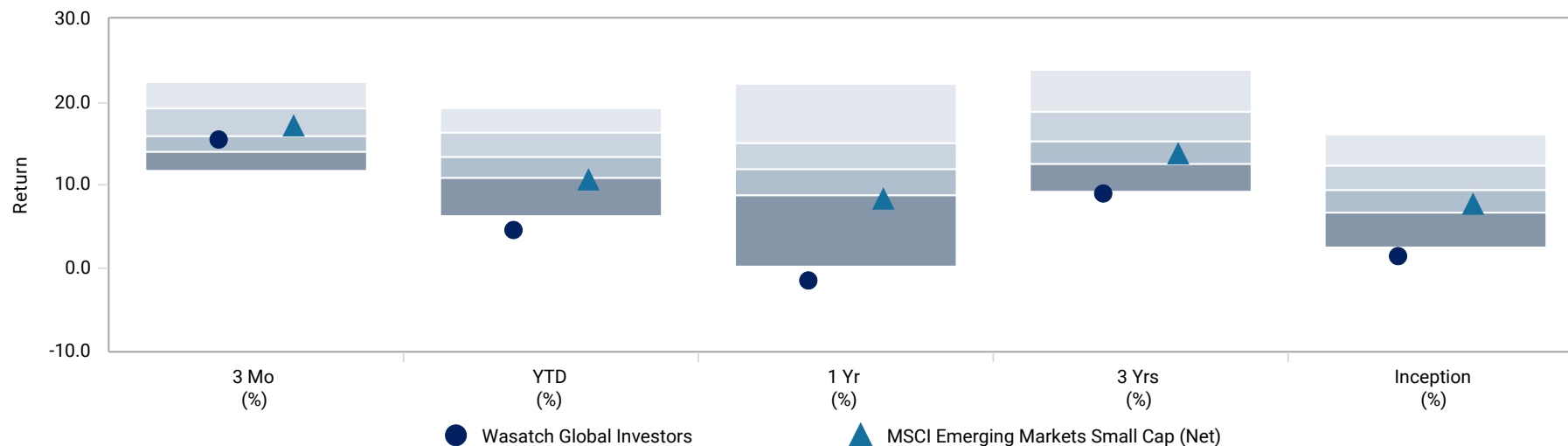
● State Street Emerging Markets ▲ MSCI Emerging Markets (Net)



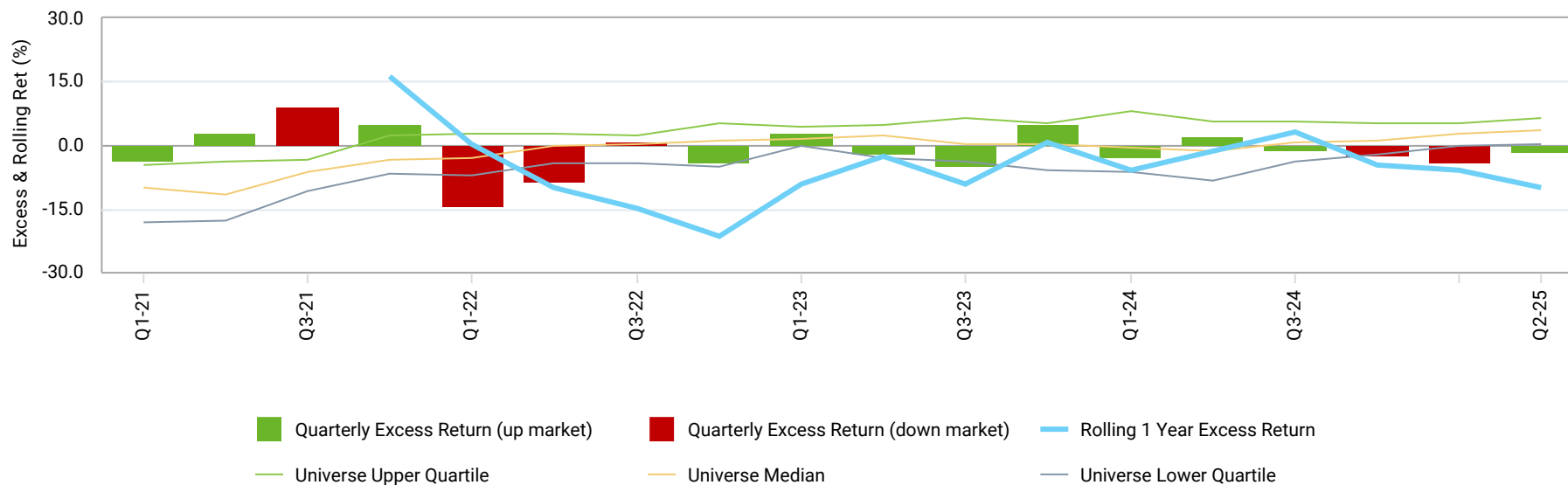
Los Angeles City Employees' Retirement System-LACERS Master Trust

# WASATCH GLOBAL INVESTORS

## eV Emg Mkts Small Cap Equity (net of fees)



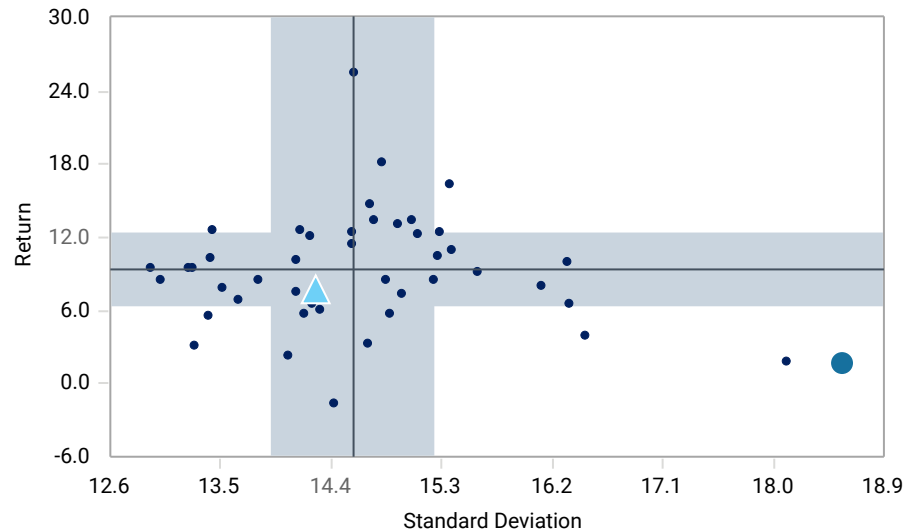
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

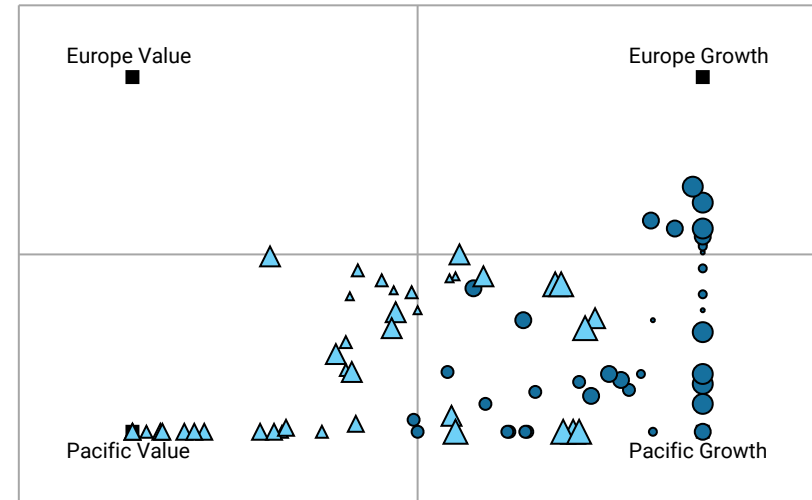
# WASATCH GLOBAL INVESTORS

Since Inception Return vs. Standard Deviation

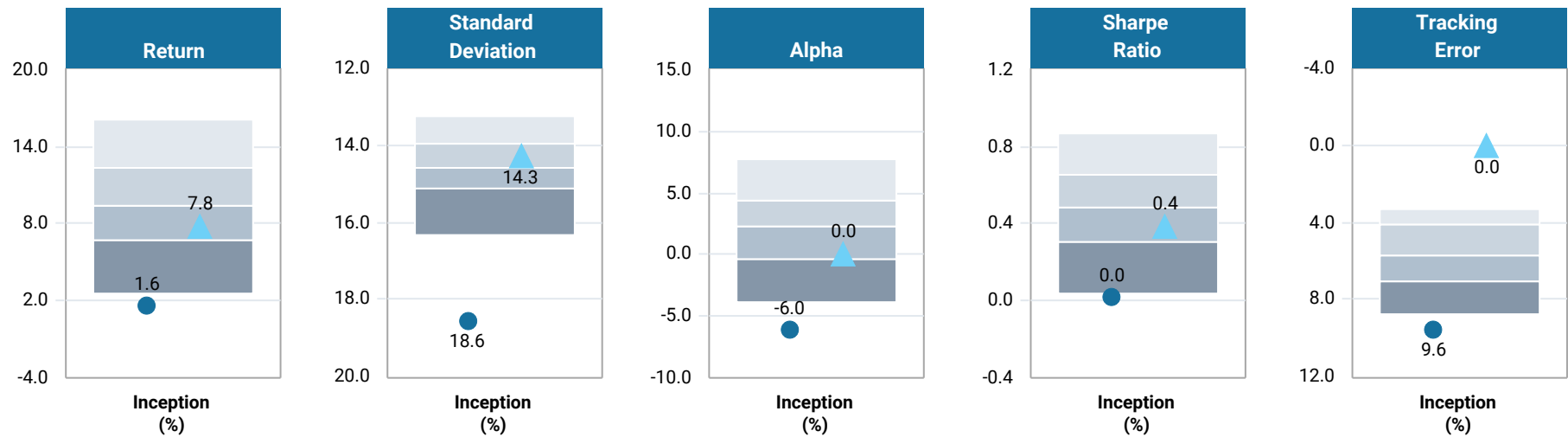


● Wasatch Global Investors  
▲ MSCI Emerging Markets Small Cap (Net)

Rolling 1 Year Style Map



● Wasatch Global Investors  
▲ MSCI Emerging Markets Small Cap (Net)

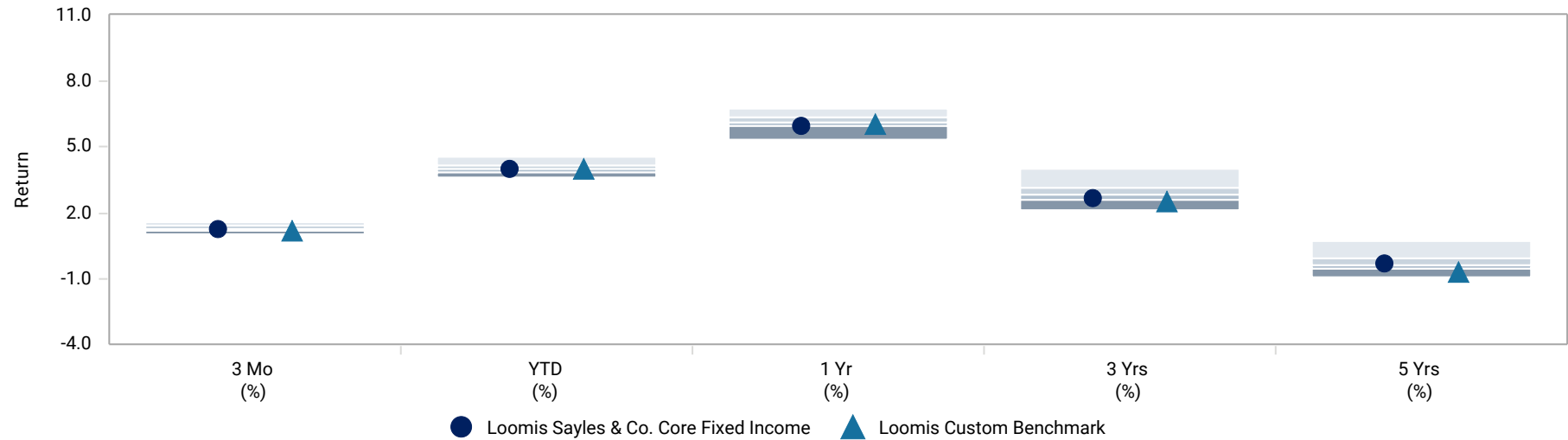


# CORE FIXED INCOME MANAGER PERFORMANCE

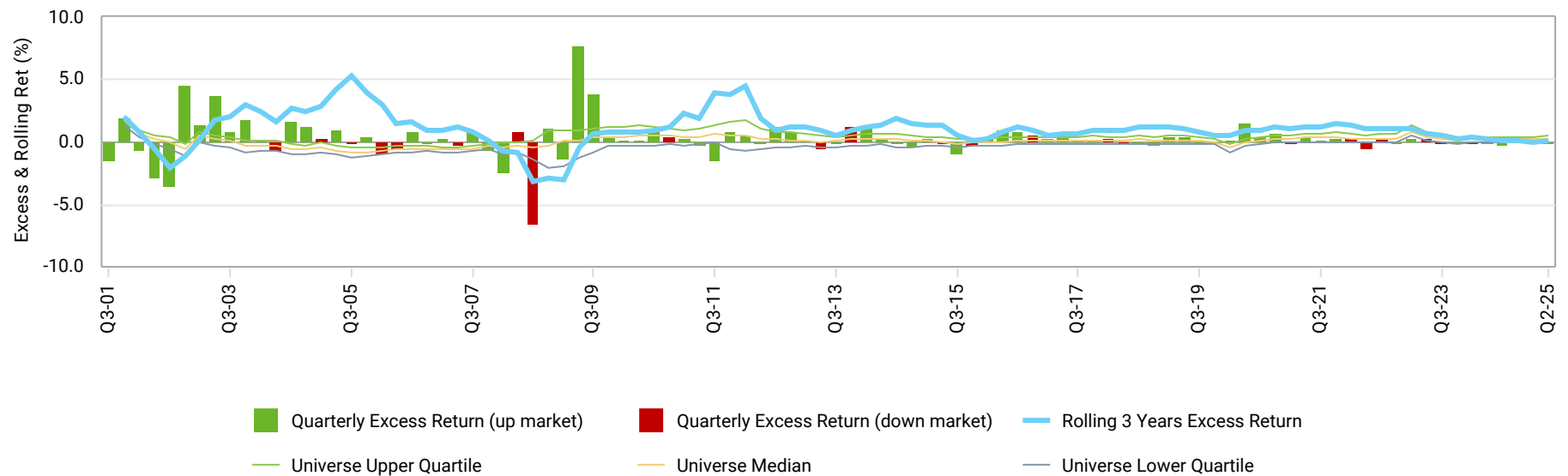
Los Angeles City Employees' Retirement System-LACERS Master Trust

# LOOMIS SAYLES & CO. CORE FIXED INCOME

## eV US Core Fixed Inc (net of fees)



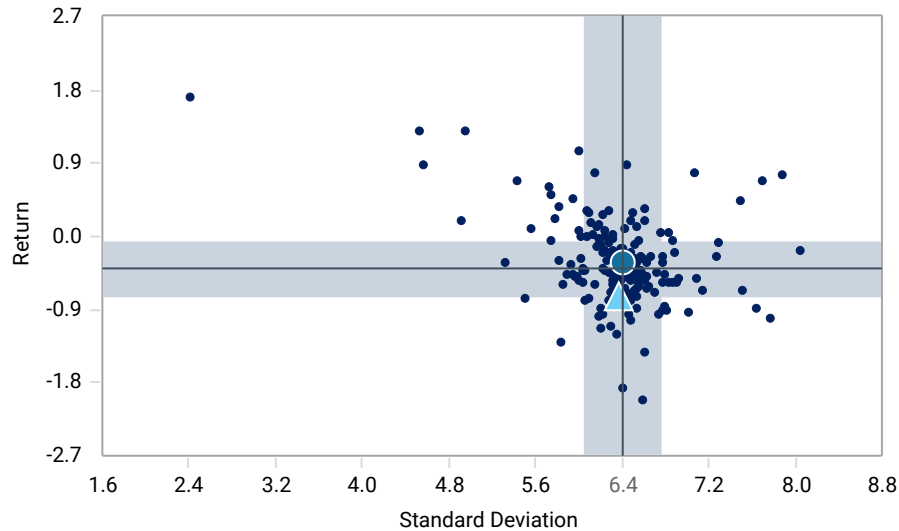
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

# LOOMIS SAYLES & CO. CORE FIXED INCOME

5 Years Return vs. Standard Deviation

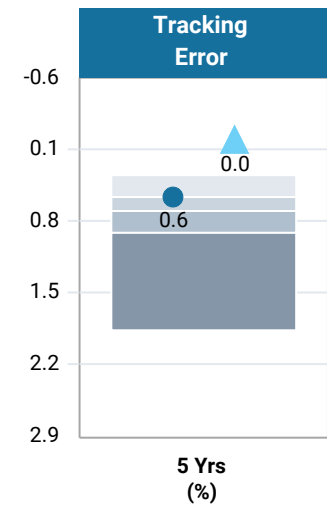
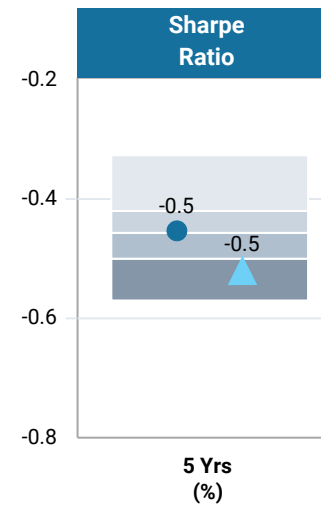
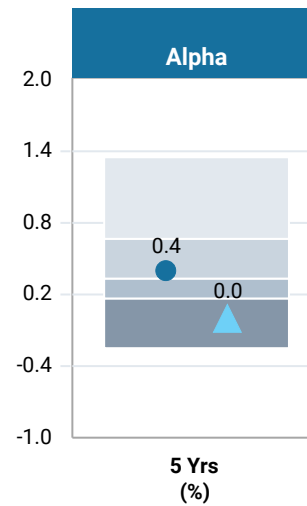
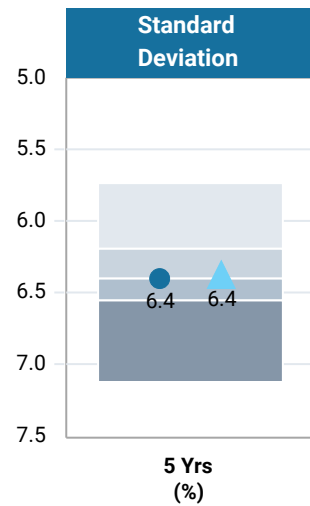
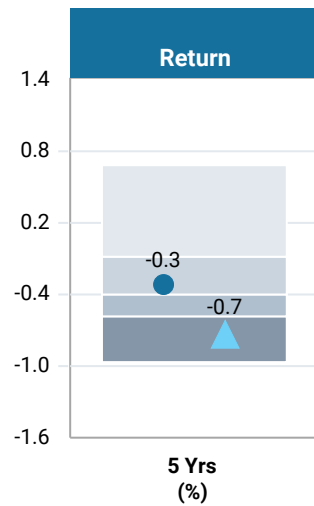


Style Map: (5 Years)



● Loomis Sayles & Co. Core Fixed Income  
▲ Loomis Custom Benchmark

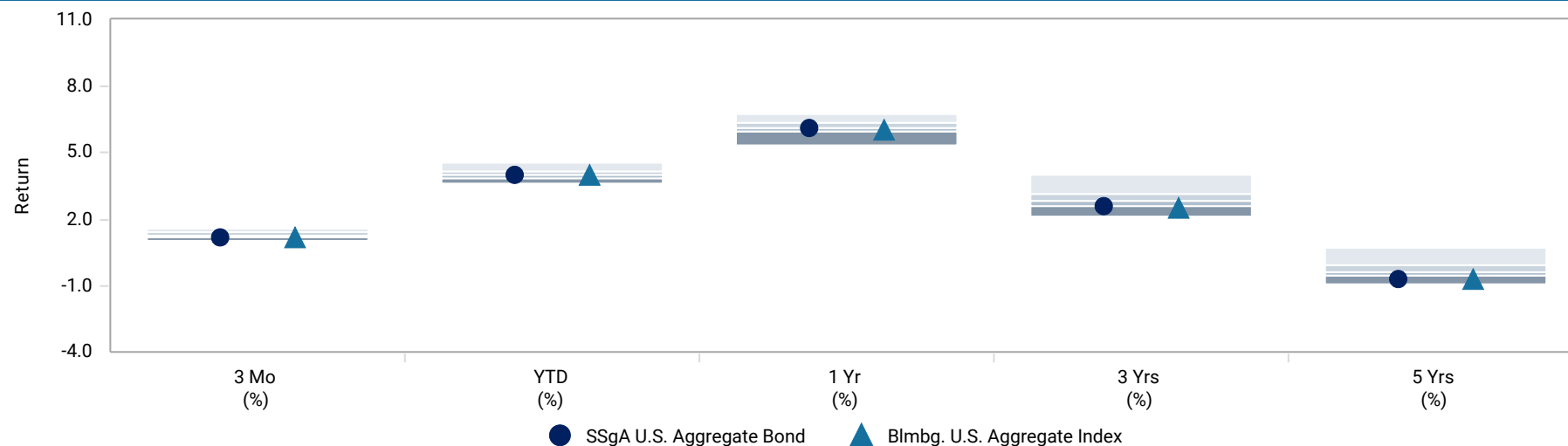
● Loomis Sayles & Co. Core Fixed Income  
▲ Loomis Custom Benchmark



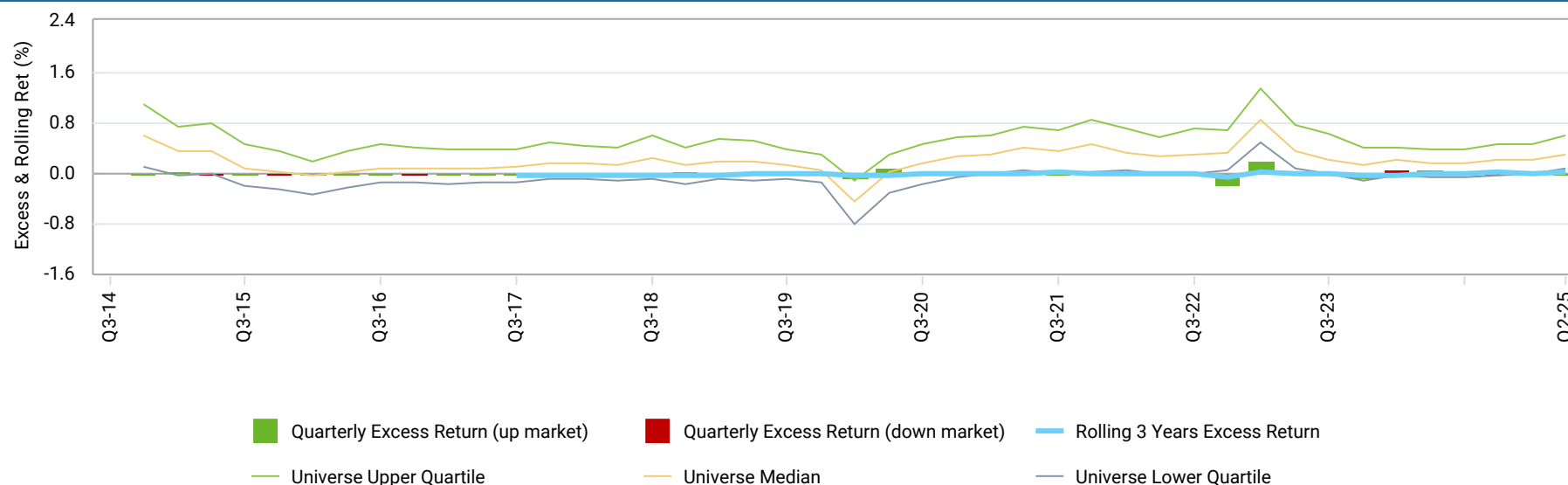
Los Angeles City Employees' Retirement System-LACERS Master Trust

# SSGA U.S. AGGREGATE BOND

## eV US Core Fixed Inc (net of fees)



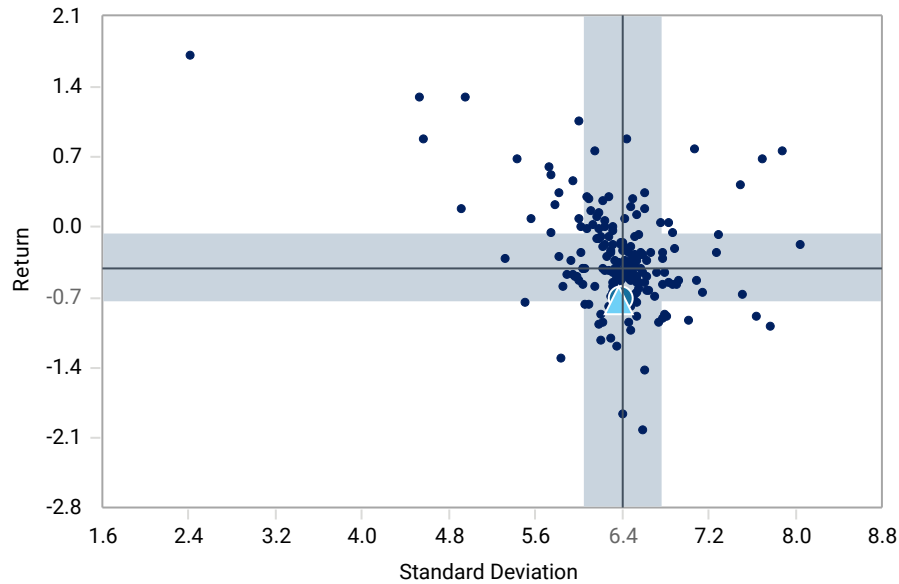
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

## SSGA U.S. AGGREGATE BOND

5 Years Return vs. Standard Deviation

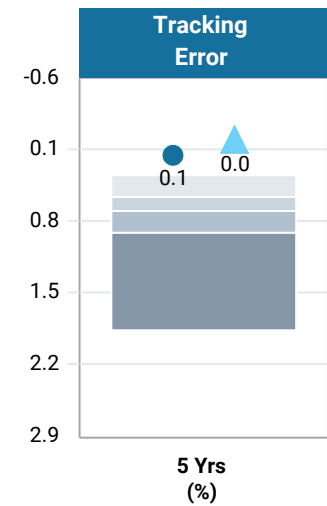
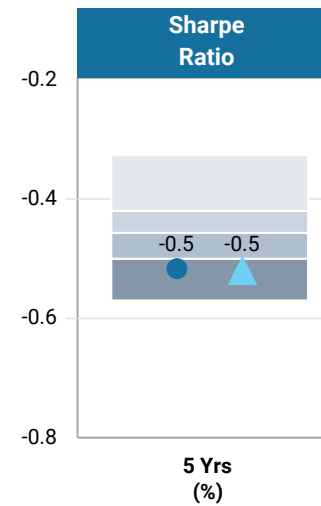
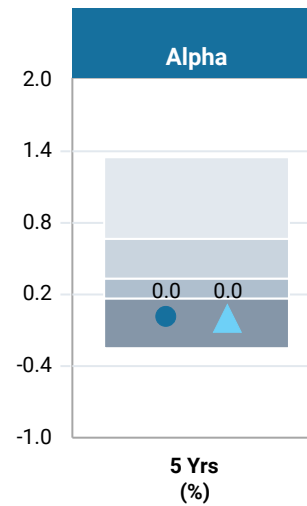
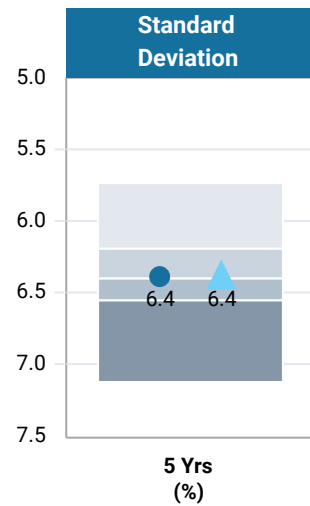
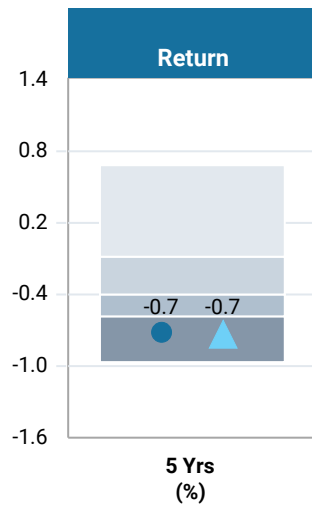


Style Map: (5 Years)



● SSGA U.S. Aggregate Bond ▲ Blmbg. U.S. Aggregate Index

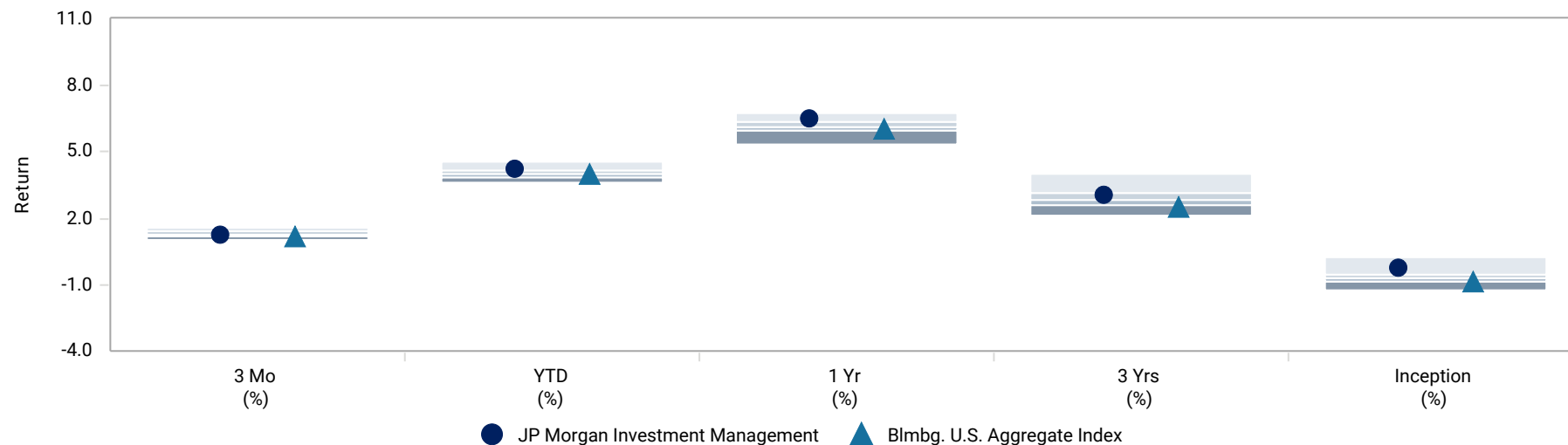
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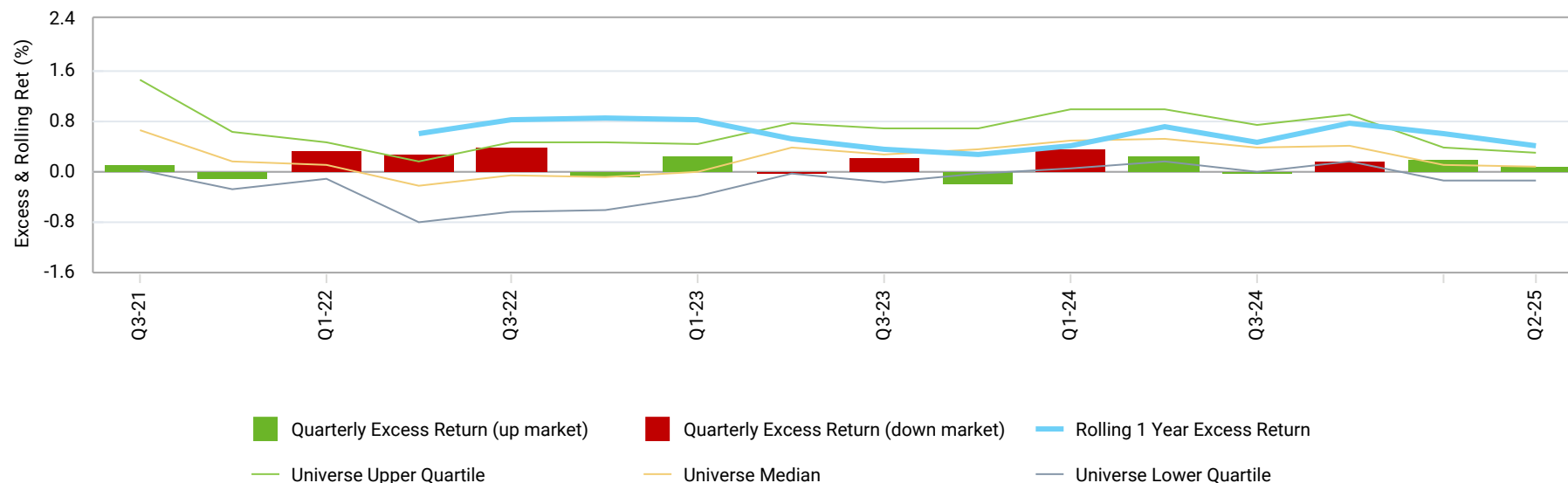
Los Angeles City Employees' Retirement System-LACERS Master Trust

# JP MORGAN INVESTMENT MANAGEMENT

## eV US Core Fixed Inc (net of fees)



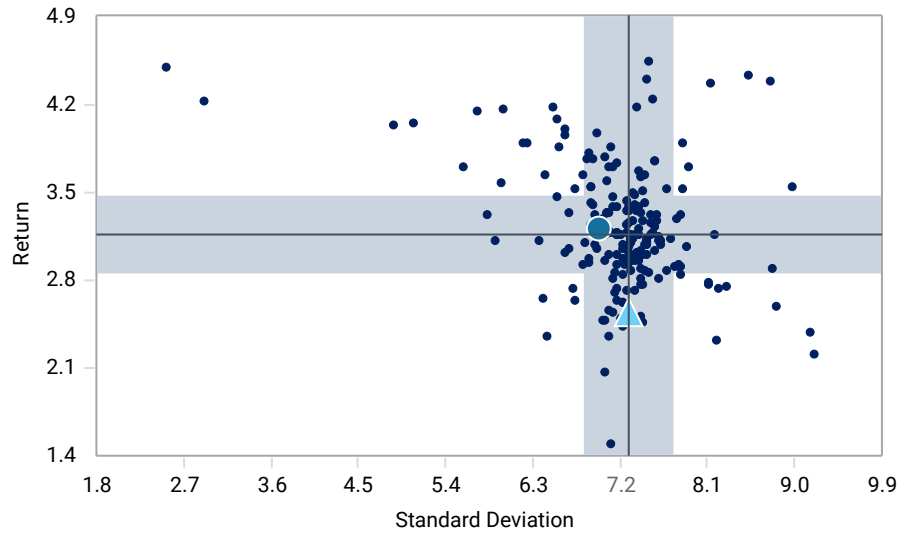
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

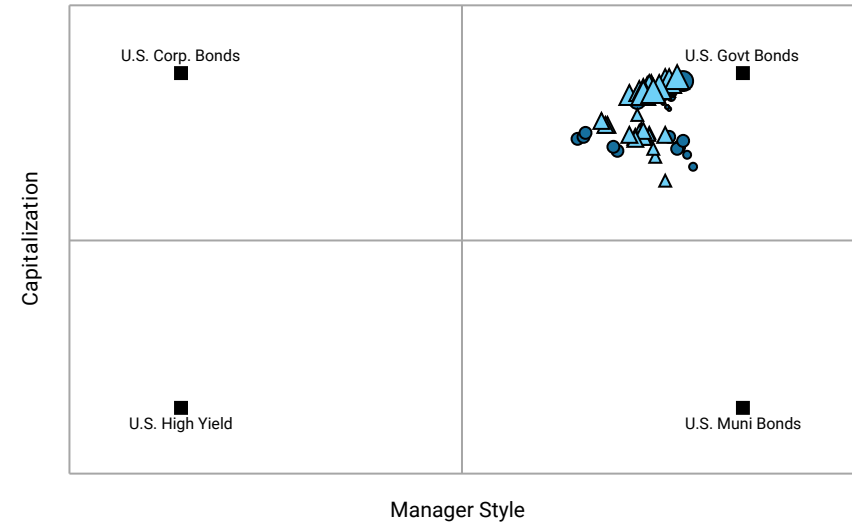
# JP MORGAN INVESTMENT MANAGEMENT

3 Years Return vs. Standard Deviation

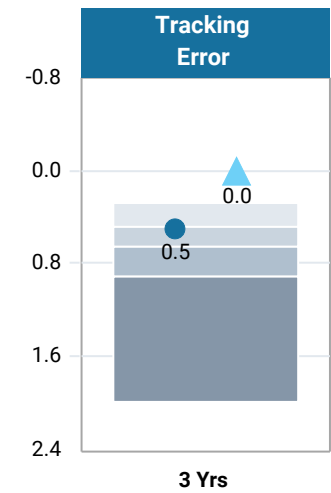
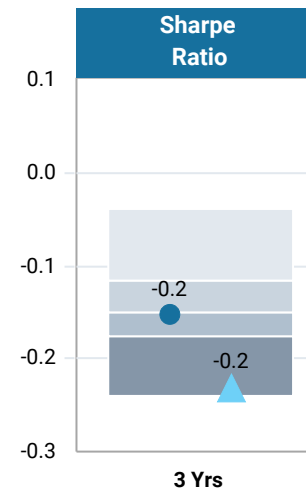
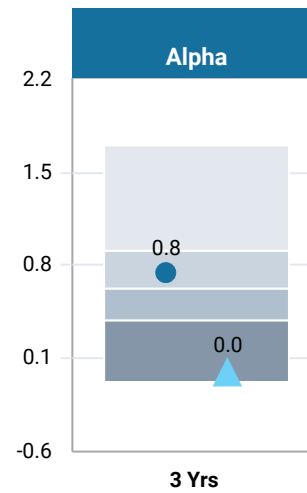
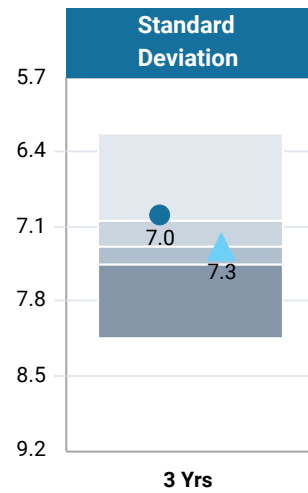
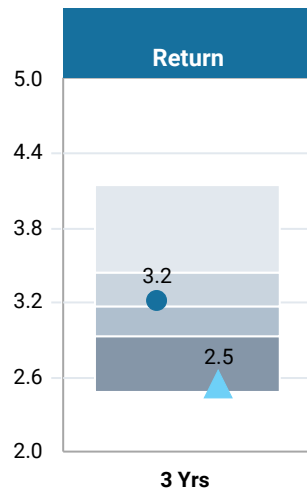


● JP Morgan Investment Management  
▲ Blmbg. U.S. Aggregate Index

Style Map: (1 Year)



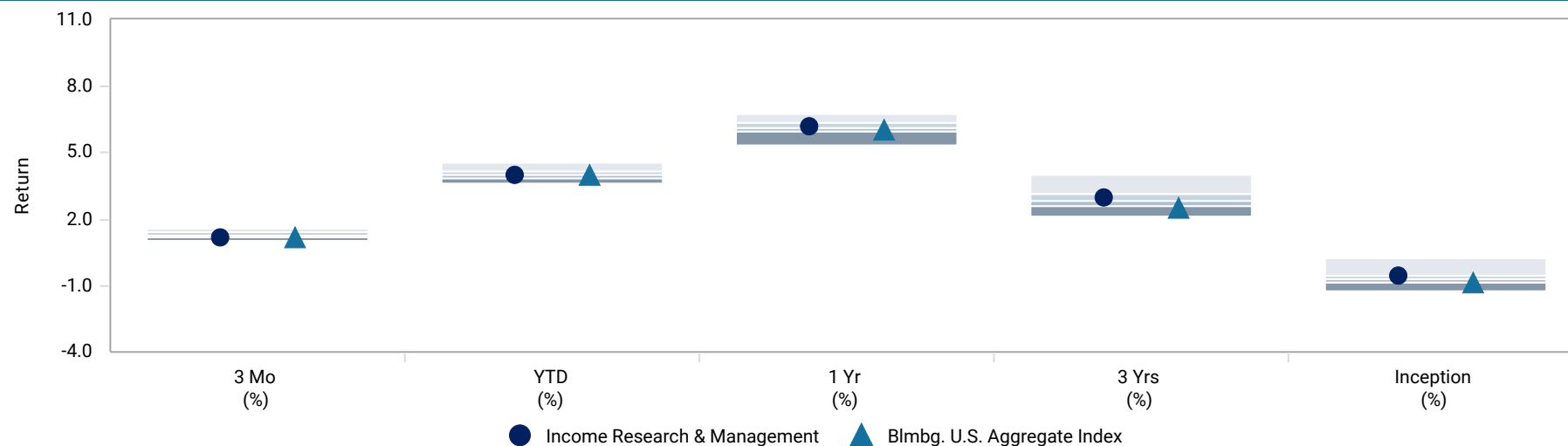
● JP Morgan Investment Management  
▲ Blmbg. U.S. Aggregate Index



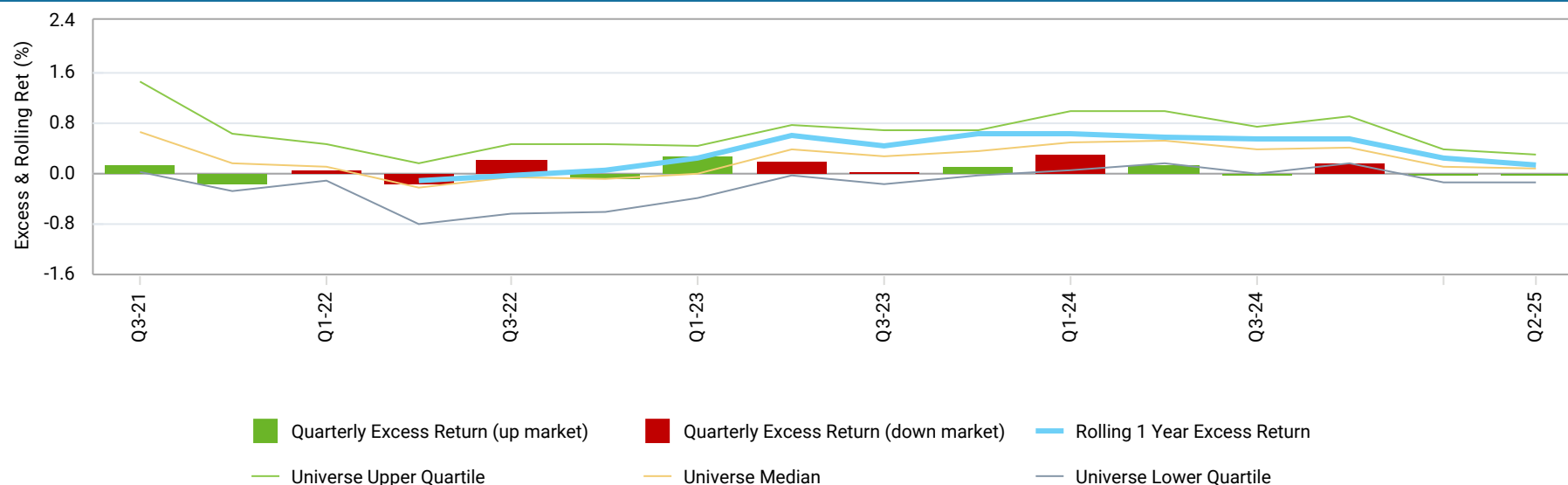
Los Angeles City Employees' Retirement System-LACERS Master Trust

# INCOME RESEARCH & MANAGEMENT

## eV US Core Fixed Inc (net of fees)



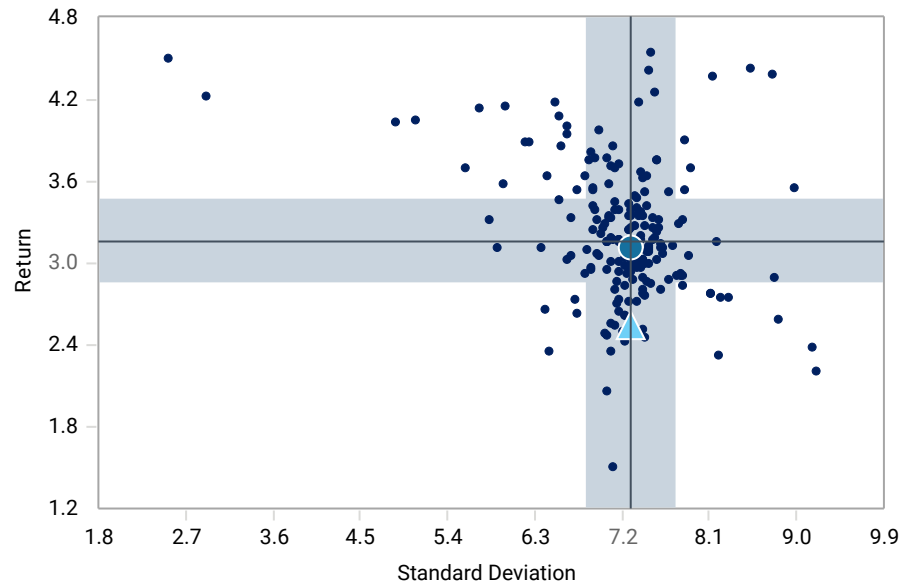
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



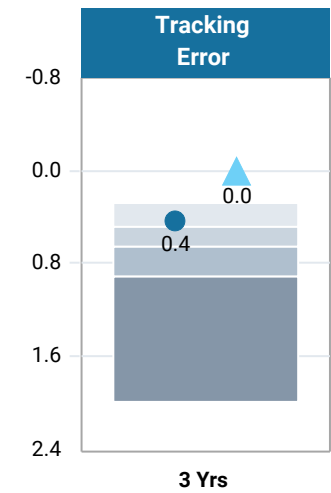
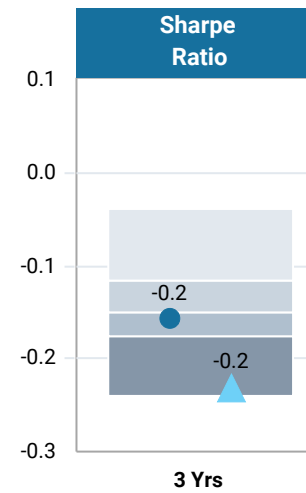
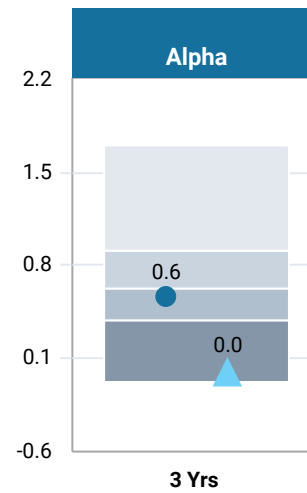
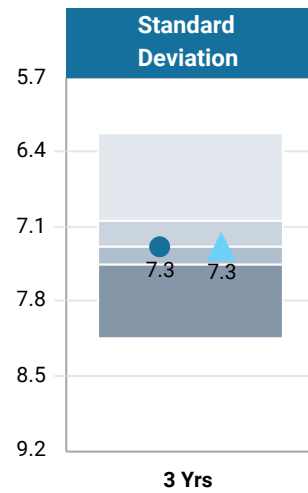
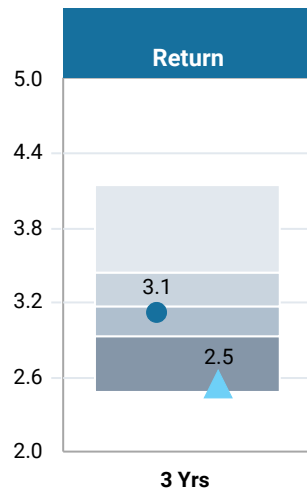
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## INCOME RESEARCH & MANAGEMENT

3 Years Return vs. Standard Deviation



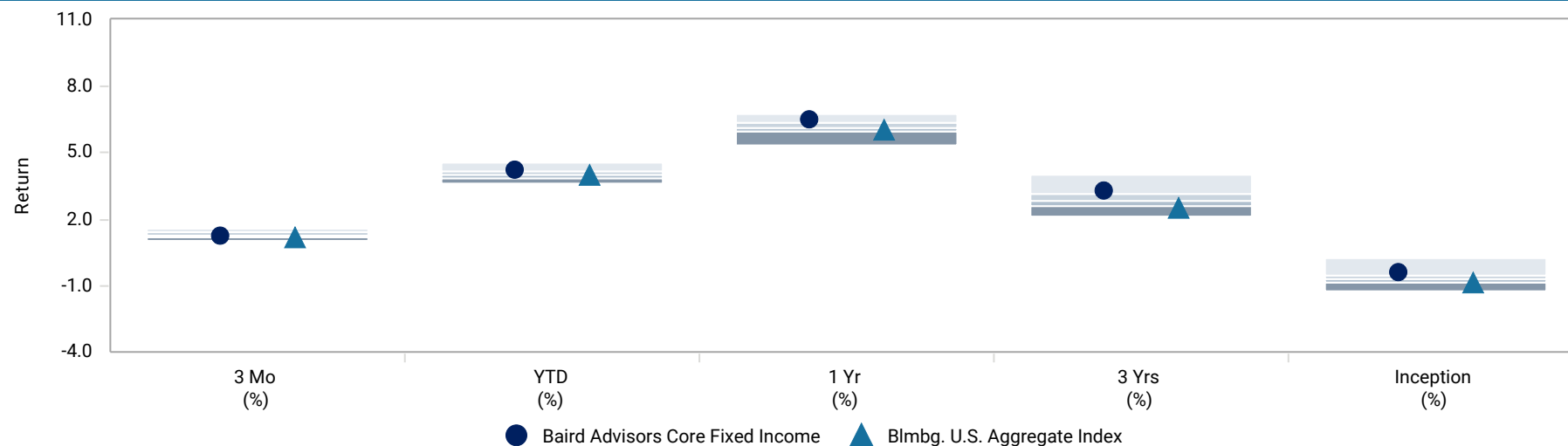
Style Map: (1 Year)



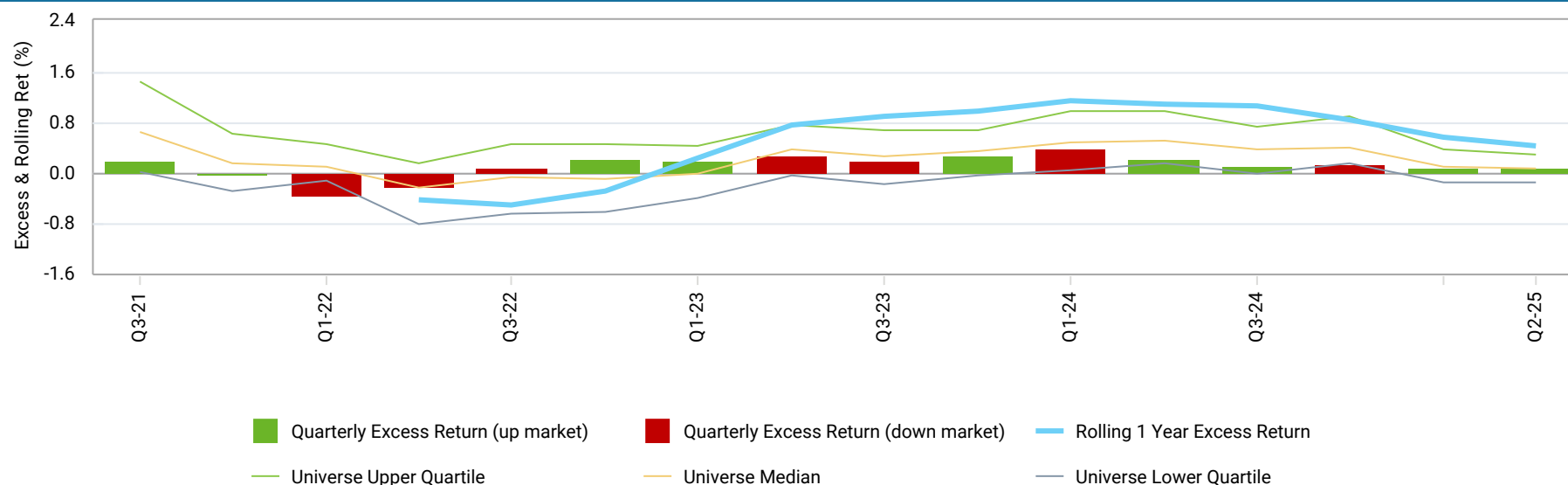
Los Angeles City Employees' Retirement System-LACERS Master Trust

# BAIRD ADVISORS CORE FIXED INCOME

## eV US Core Fixed Inc (net of fees)



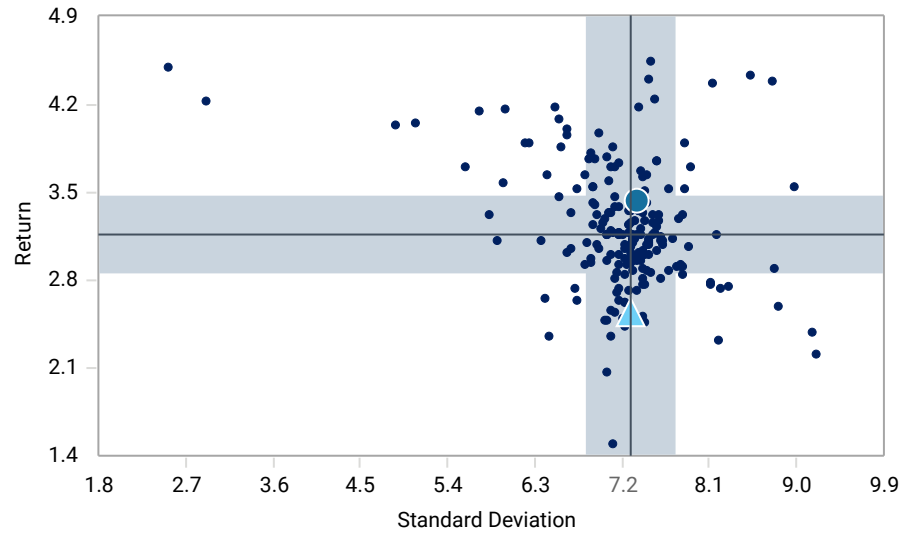
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



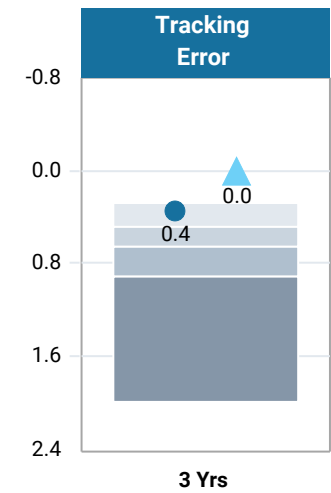
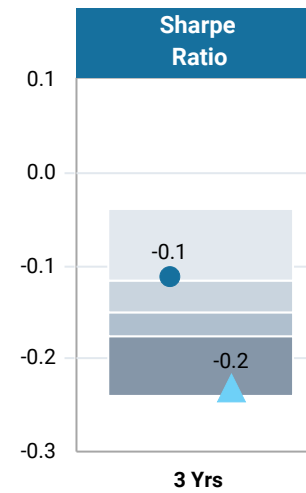
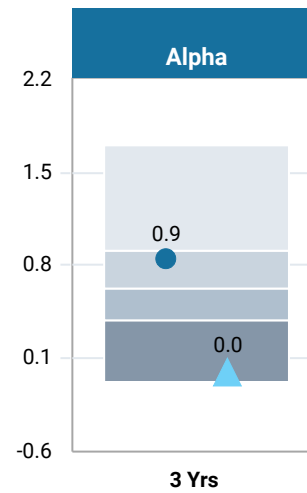
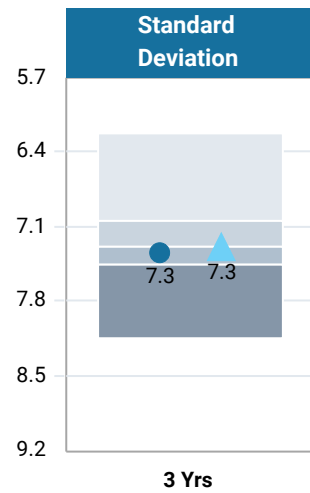
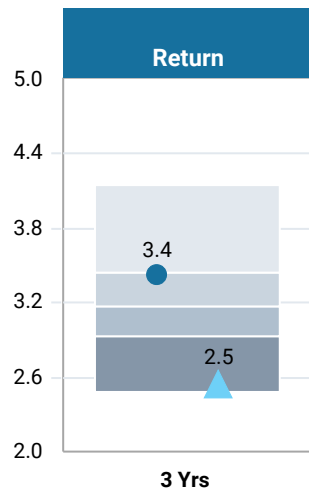
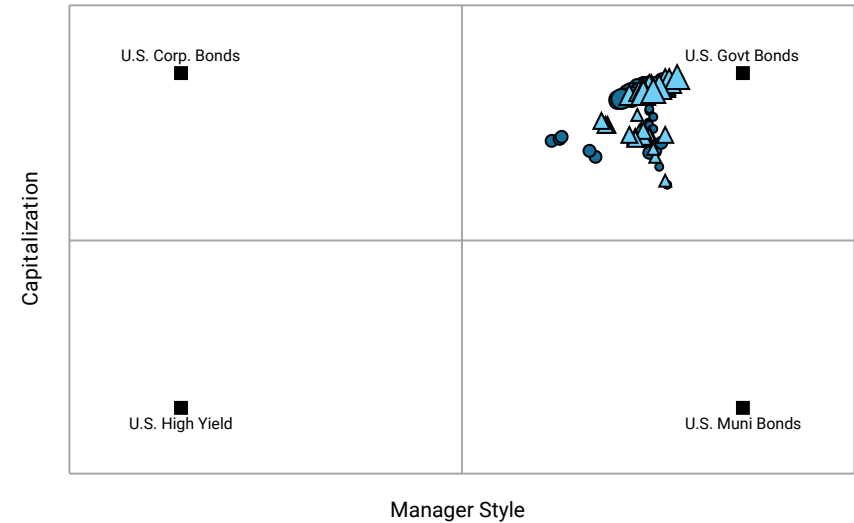
Los Angeles City Employees' Retirement System-LACERS Master Trust

# BAIRD ADVISORS CORE FIXED INCOME

3 Years Return vs. Standard Deviation



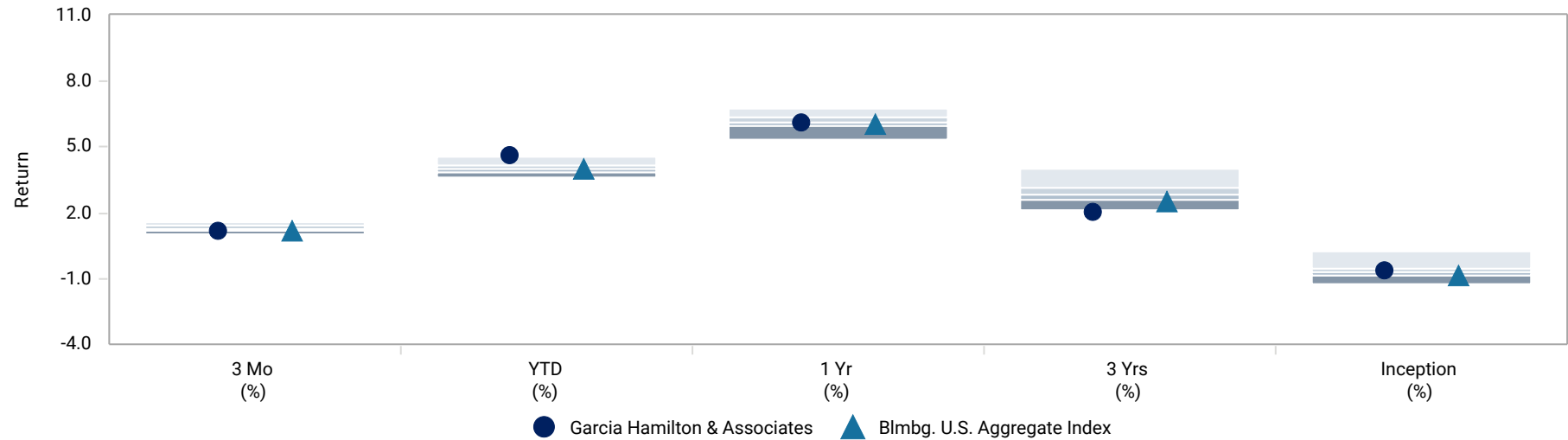
Style Map: (1 Year)



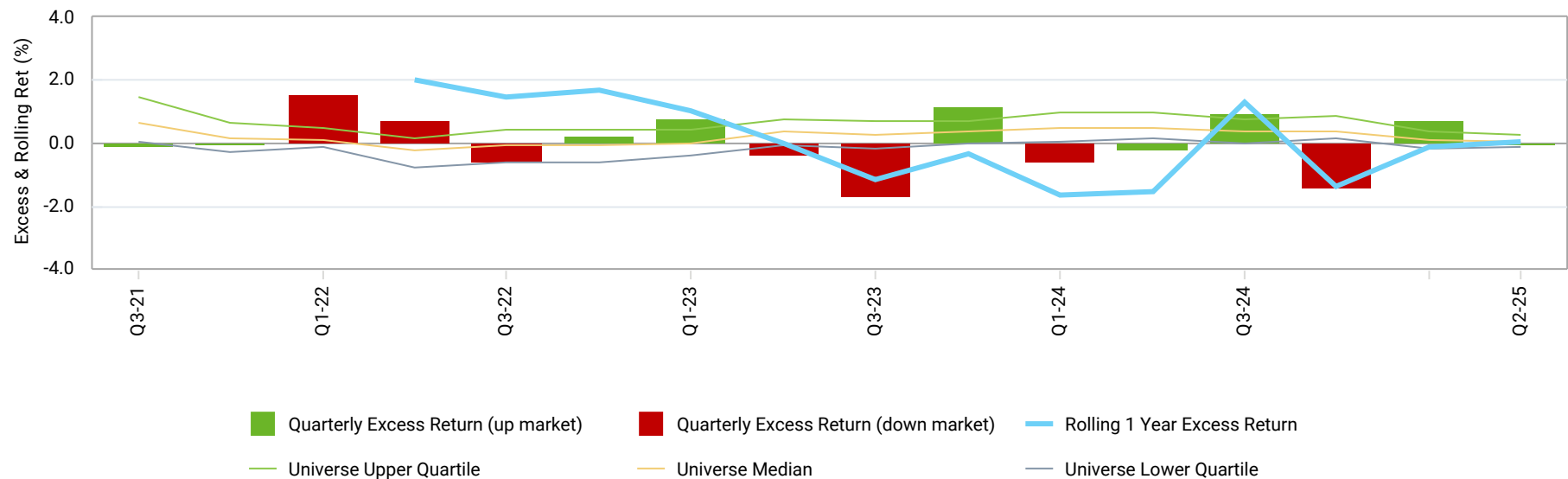
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## GARCIA HAMILTON & ASSOCIATES

### eV US Core Fixed Inc (net of fees)



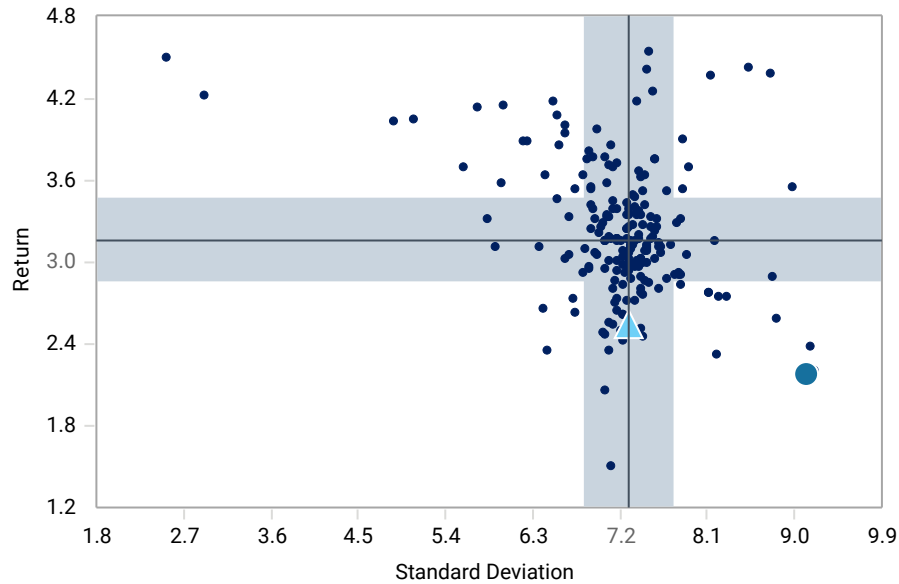
### Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



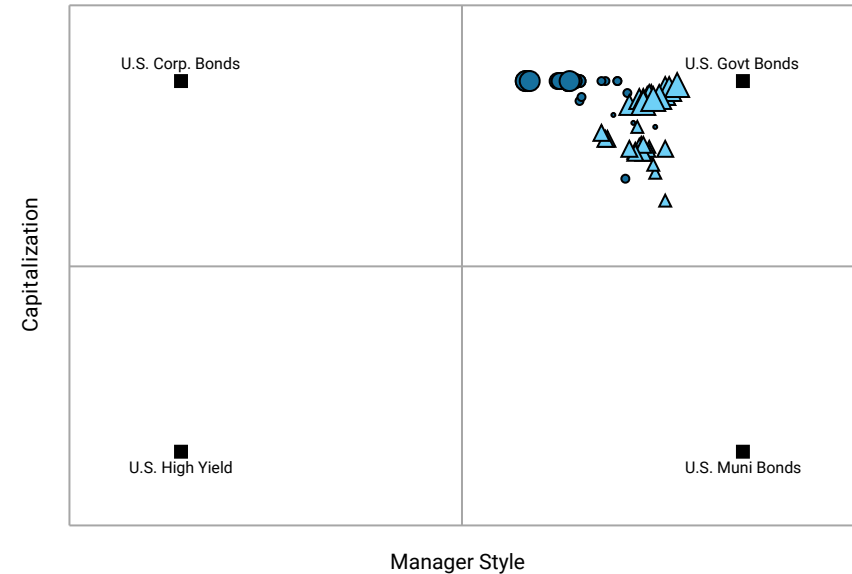
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## GARCIA HAMILTON & ASSOCIATES

3 Years Return vs. Standard Deviation

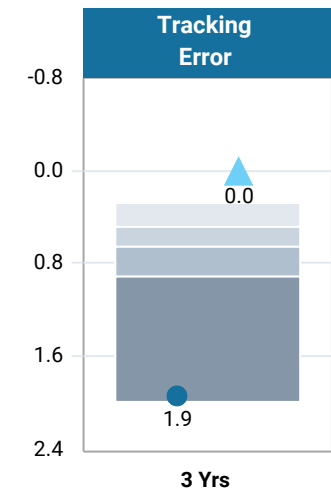
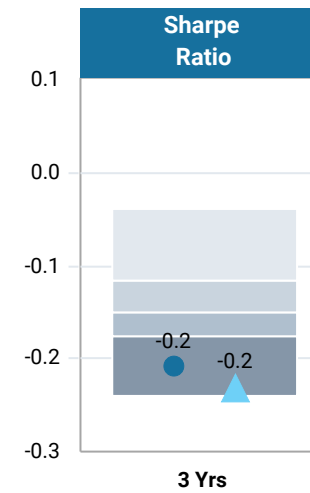
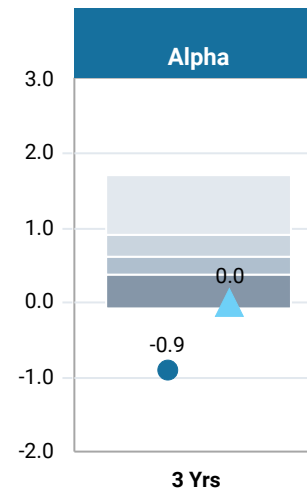
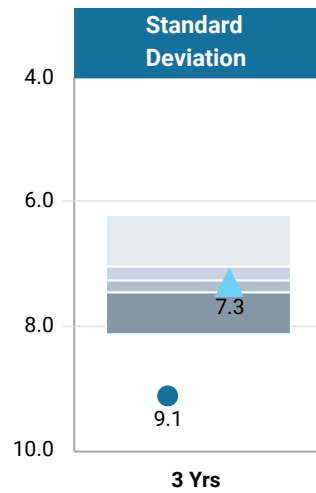
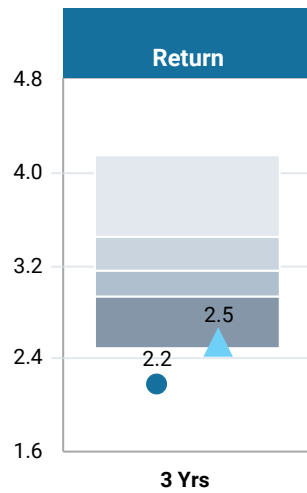


Style Map: (1 Year)



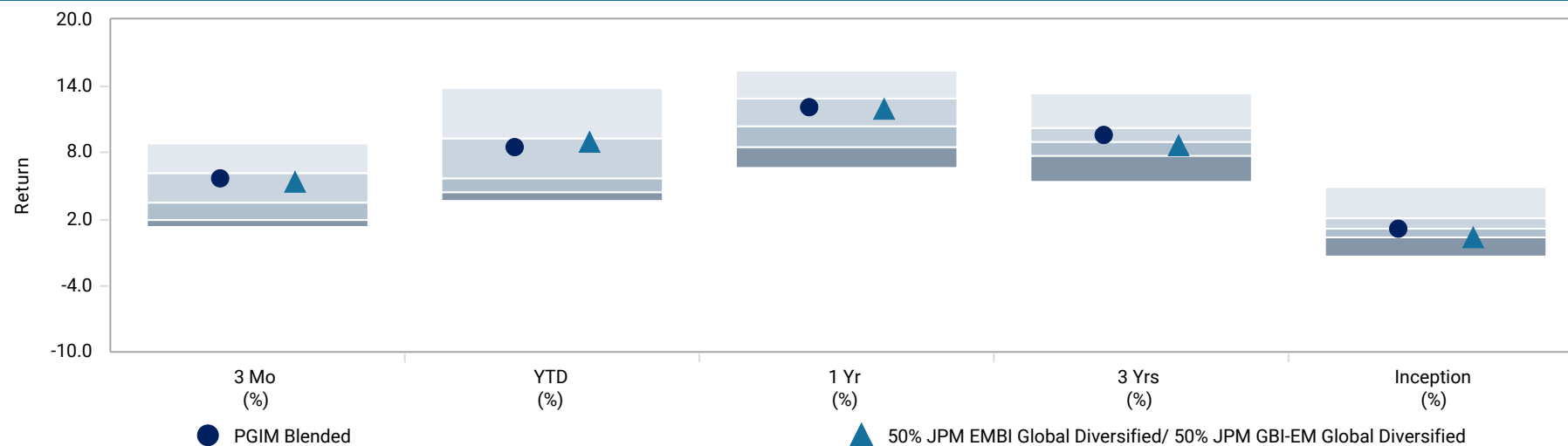
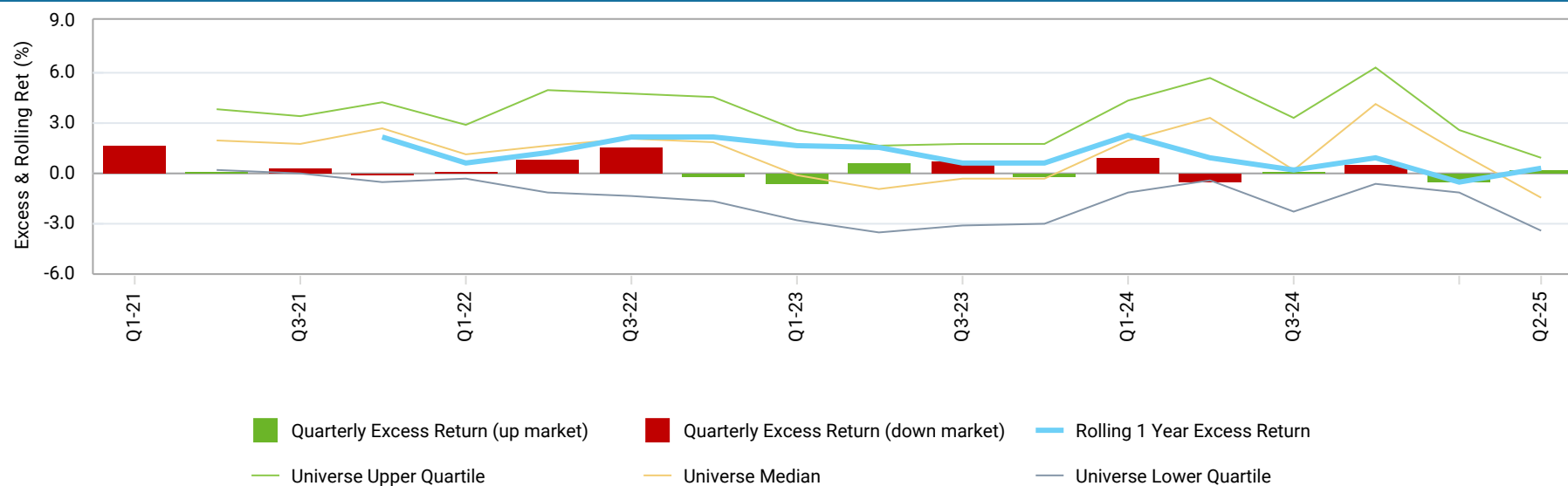
● Garcia Hamilton & Associates ▲ Blmbg. U.S. Aggregate Index

● Garcia Hamilton & Associates ▲ Blmbg. U.S. Aggregate Index



# CREDIT OPPORTUNITIES MANAGER PERFORMANCE

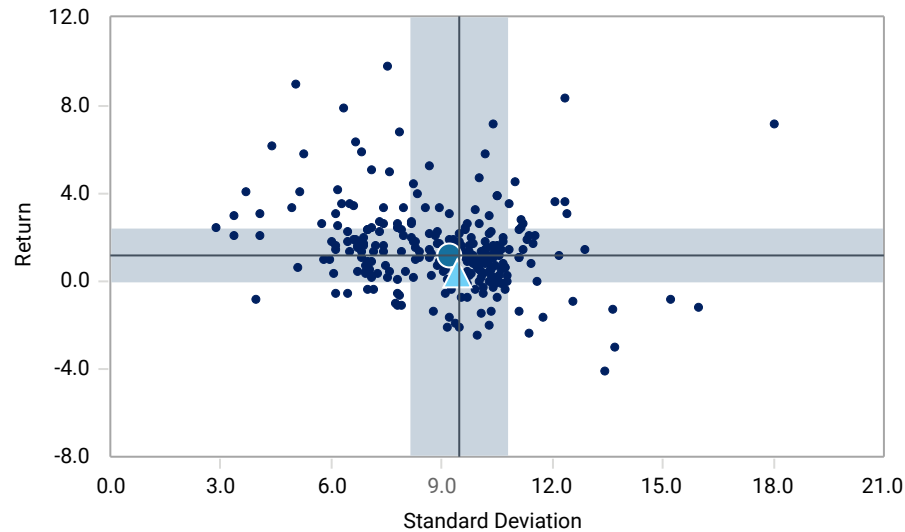
## Los Angeles City Employees' Retirement System-LACERS Master Trust

**PGIM BLENDED****eV All Emg Mkts Fixed Inc (net of fees)****Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025**

# Los Angeles City Employees' Retirement System-LACERS Master Trust

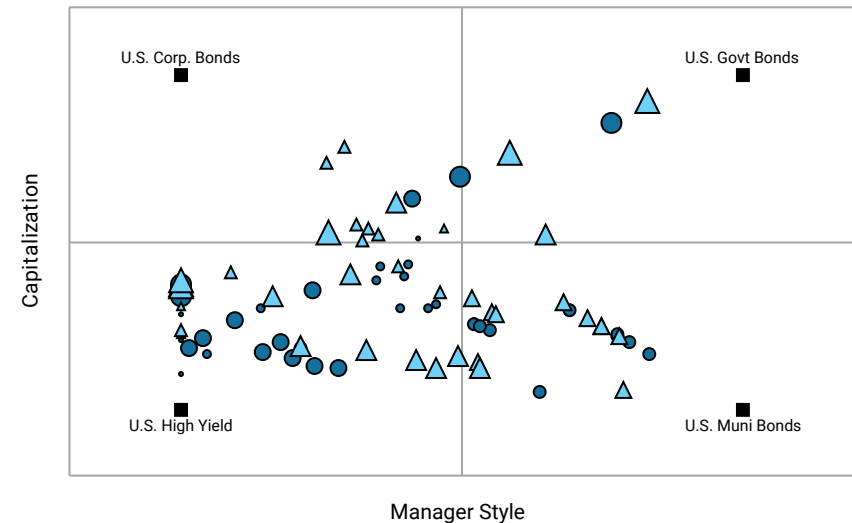
## PGIM BLENDED

Since Inception Return vs. Standard Deviation

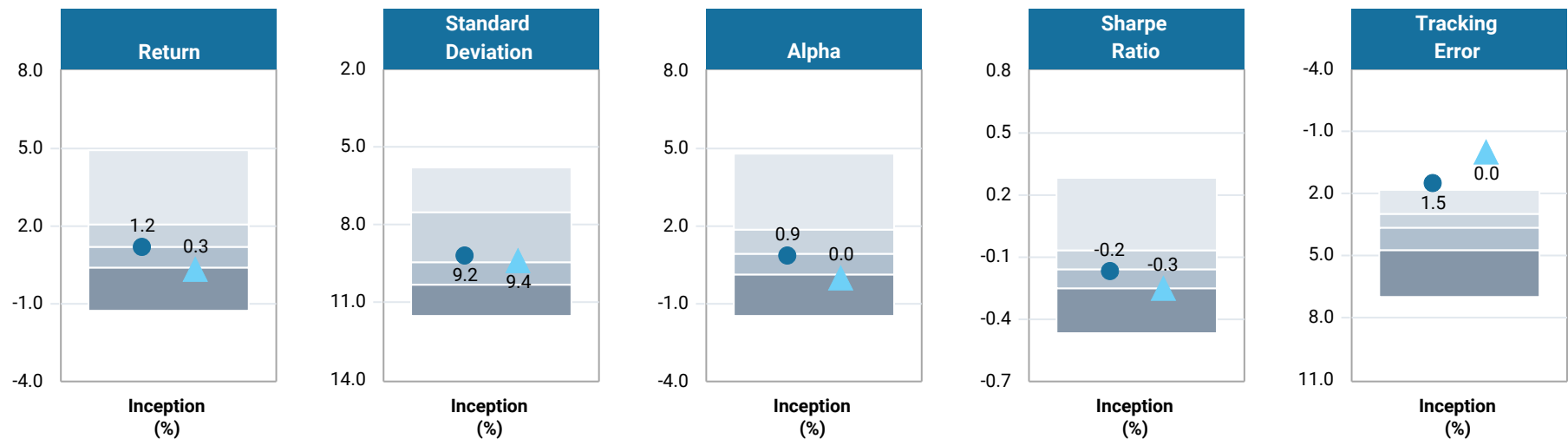


- PGIM Blended
- ▲ 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified

Style Map: (1 Year)



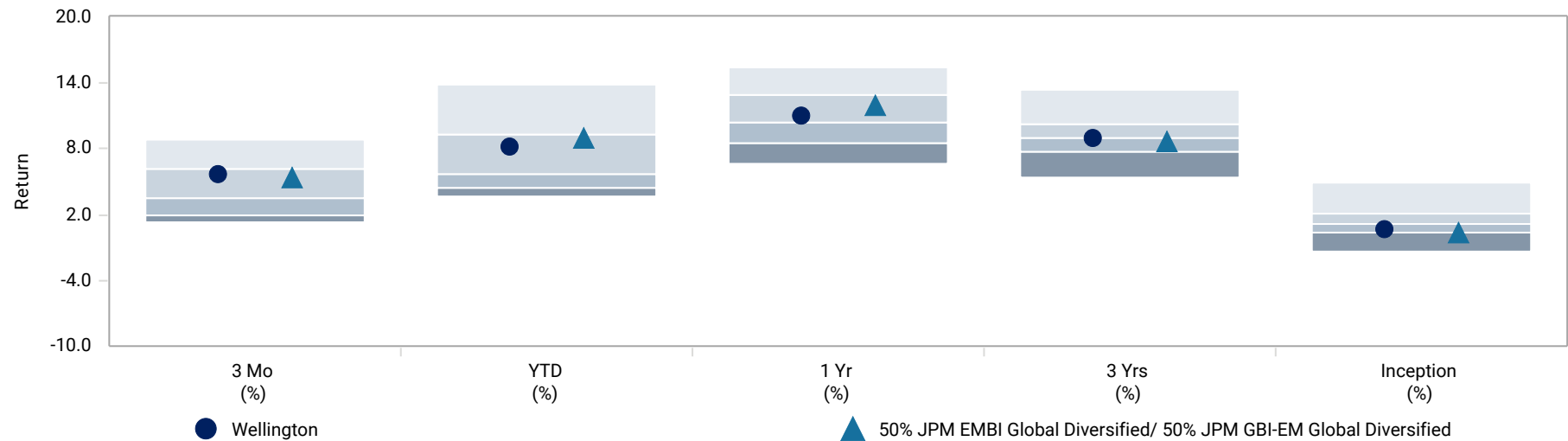
- PGIM Blended
- ▲ 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified



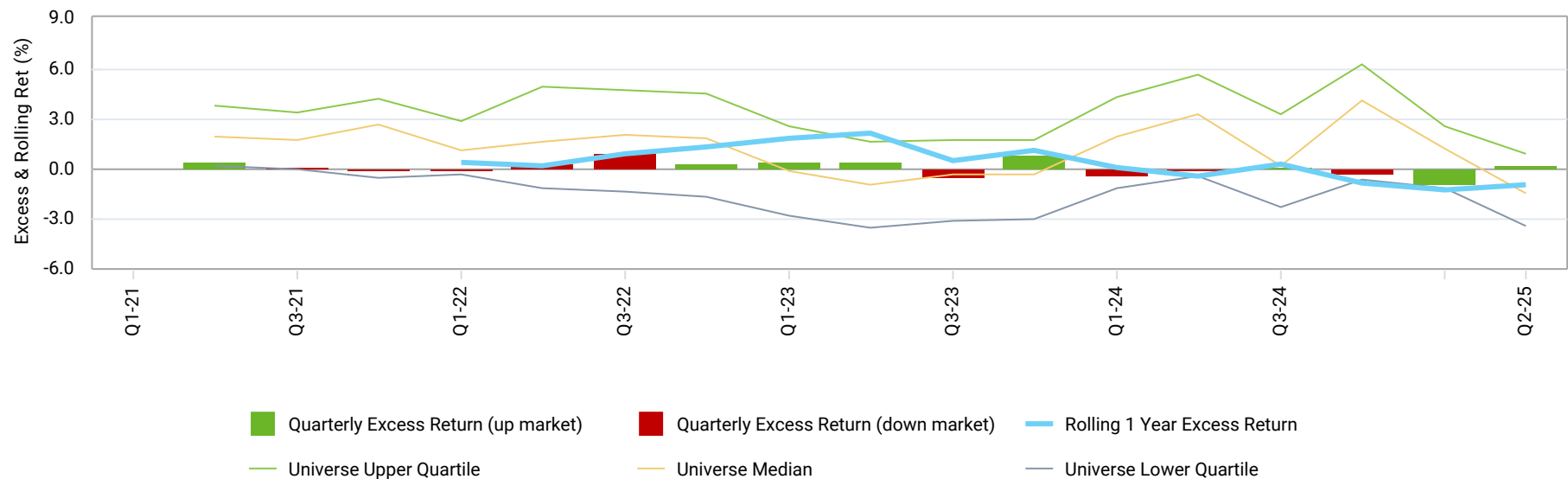
Los Angeles City Employees' Retirement System-LACERS Master Trust

# WELLINGTON

## eV All Emg Mkts Fixed Inc (net of fees)



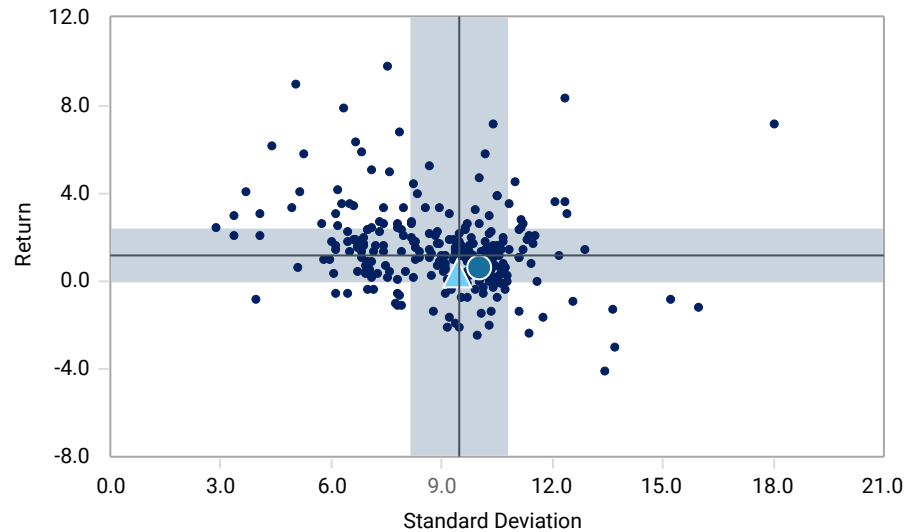
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

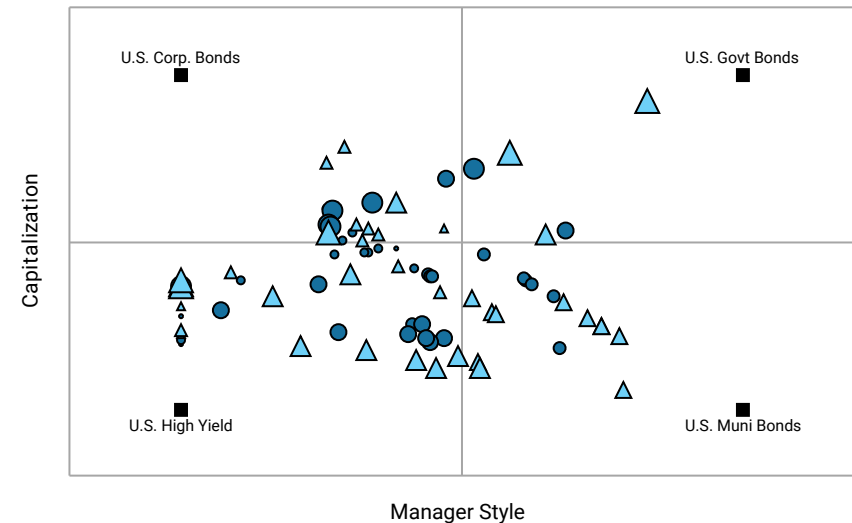
## WELLINGTON

Since Inception Return vs. Standard Deviation

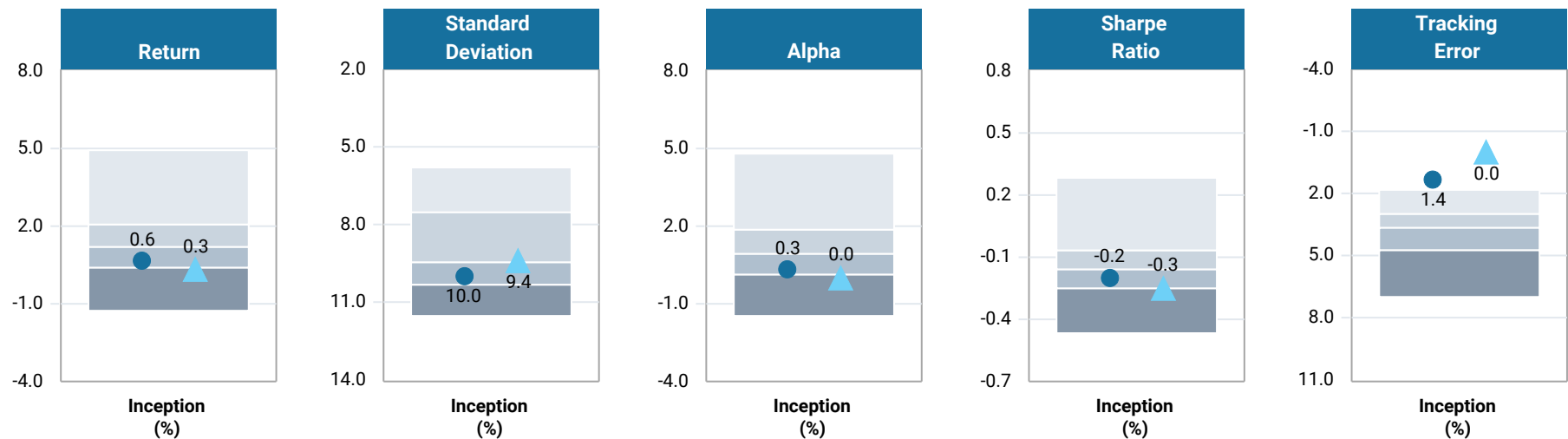


- Wellington
- ▲ 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified

Style Map: (1 Year)



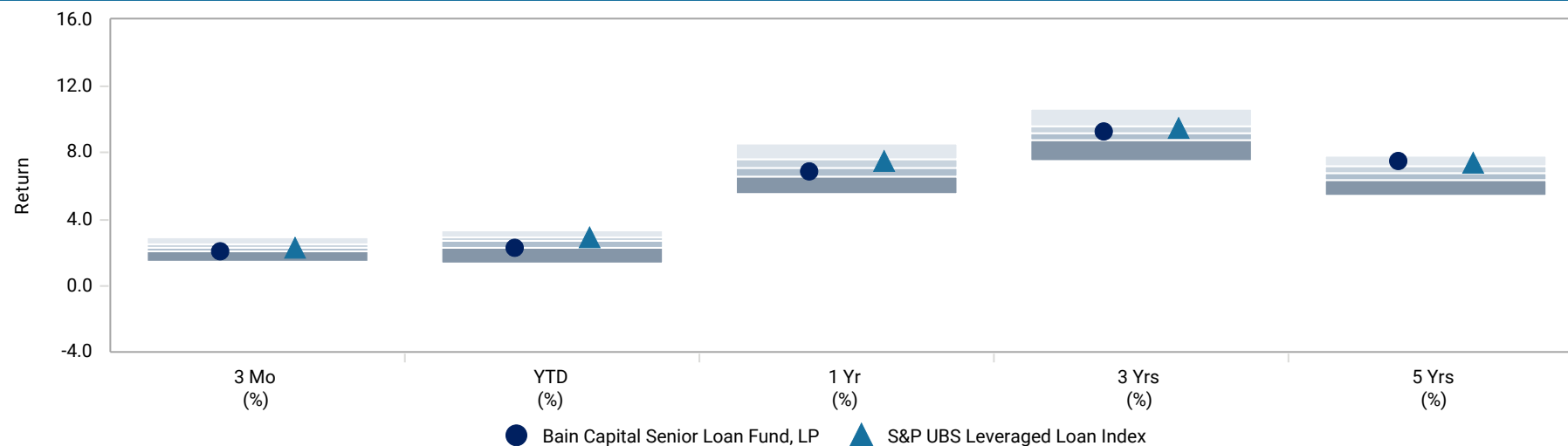
- Wellington
- ▲ 50% JPM EMBI Global Diversified/ 50% JPM GBI-EM Global Diversified



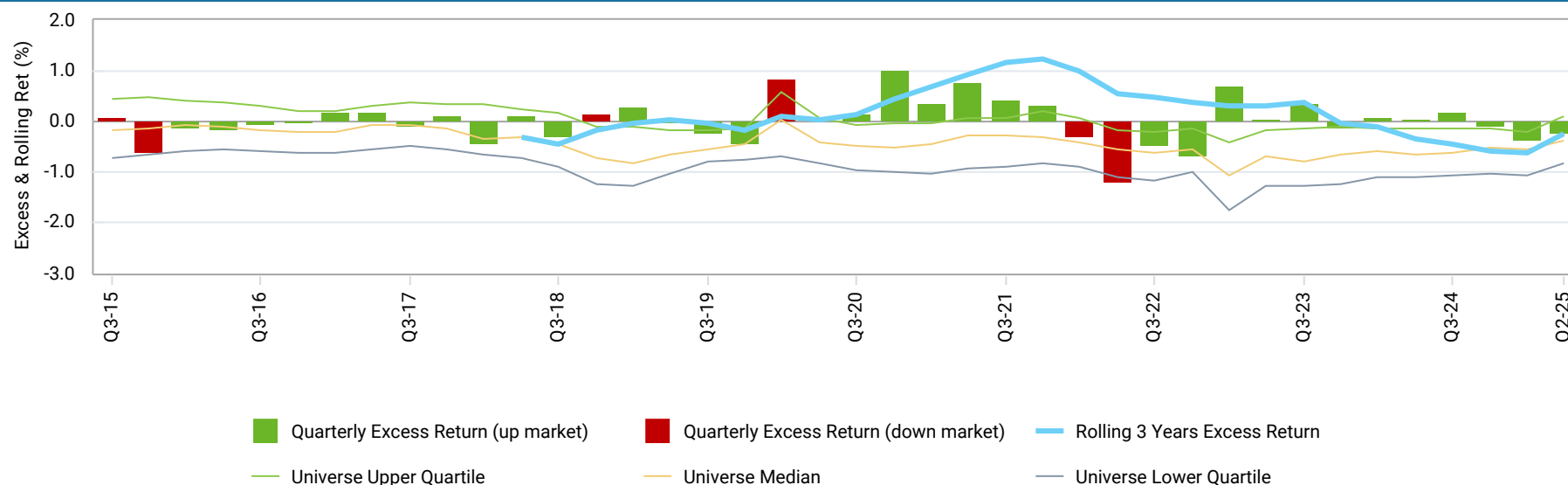
Los Angeles City Employees' Retirement System-LACERS Master Trust

# BAIN CAPITAL SENIOR LOAN FUND, LP

## eV US Float-Rate Bank Loan Fixed Inc (net of fees)



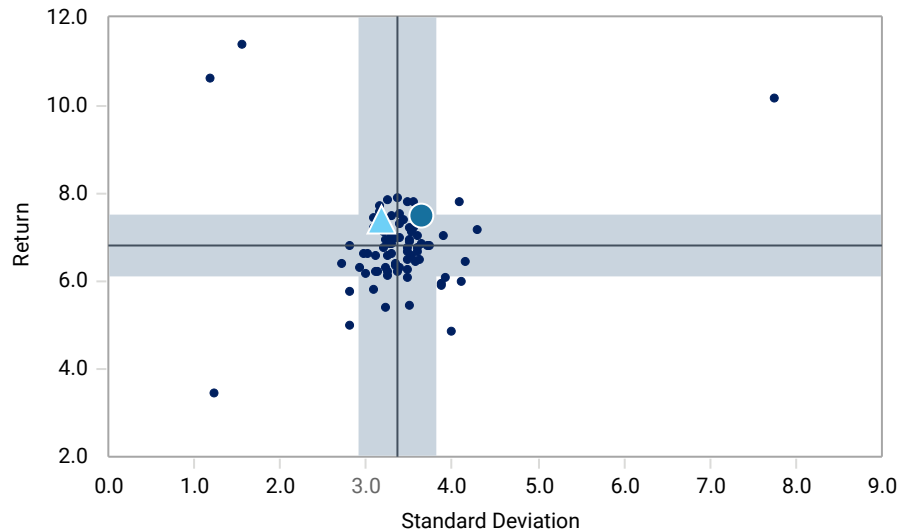
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

# BAIN CAPITAL SENIOR LOAN FUND, LP

5 Years Return vs. Standard Deviation

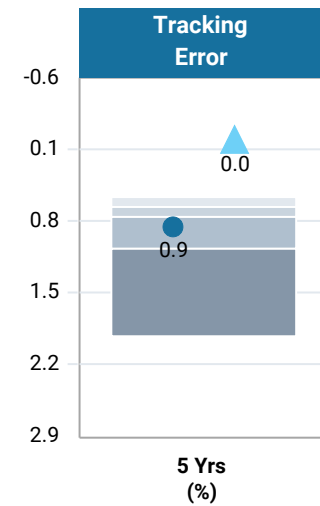
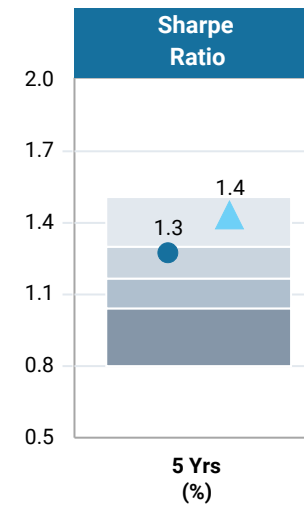
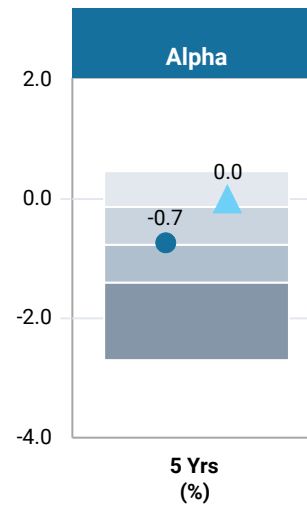
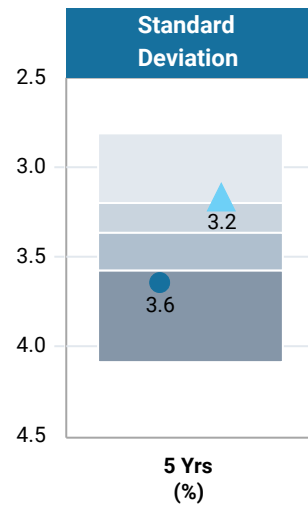
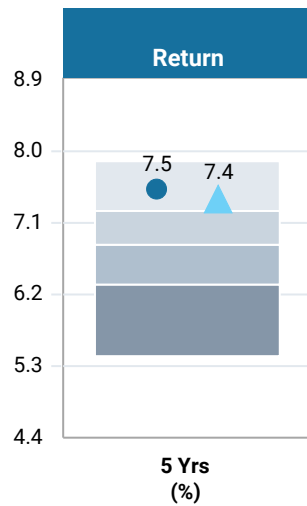


● Bain Capital Senior Loan Fund, LP  
▲ S&P UBS Leveraged Loan Index

Style Map: (3 Years)



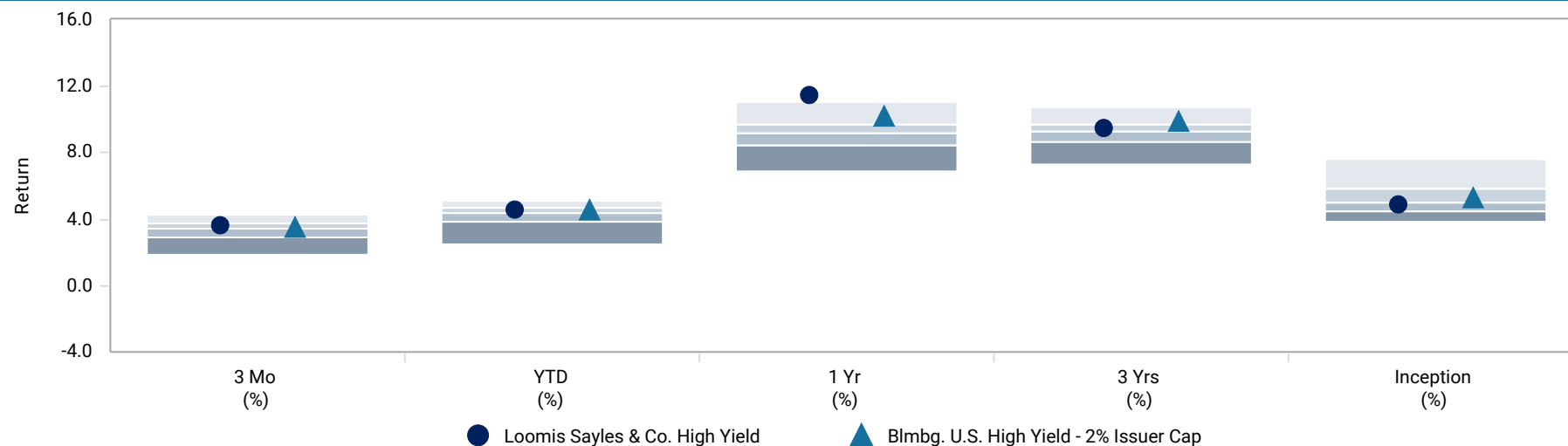
● Bain Capital Senior Loan Fund, LP  
▲ S&P UBS Leveraged Loan Index



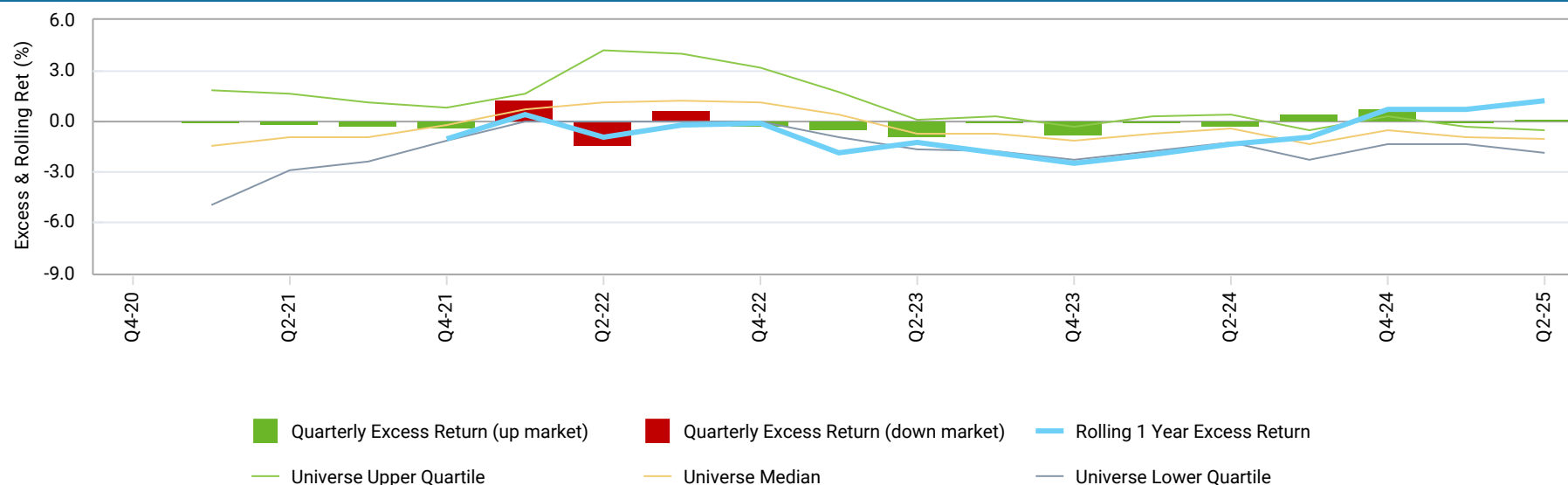
Los Angeles City Employees' Retirement System-LACERS Master Trust

# LOOMIS SAYLES & CO. HIGH YIELD

## eV US High Yield Fixed Inc (net of fees)



## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

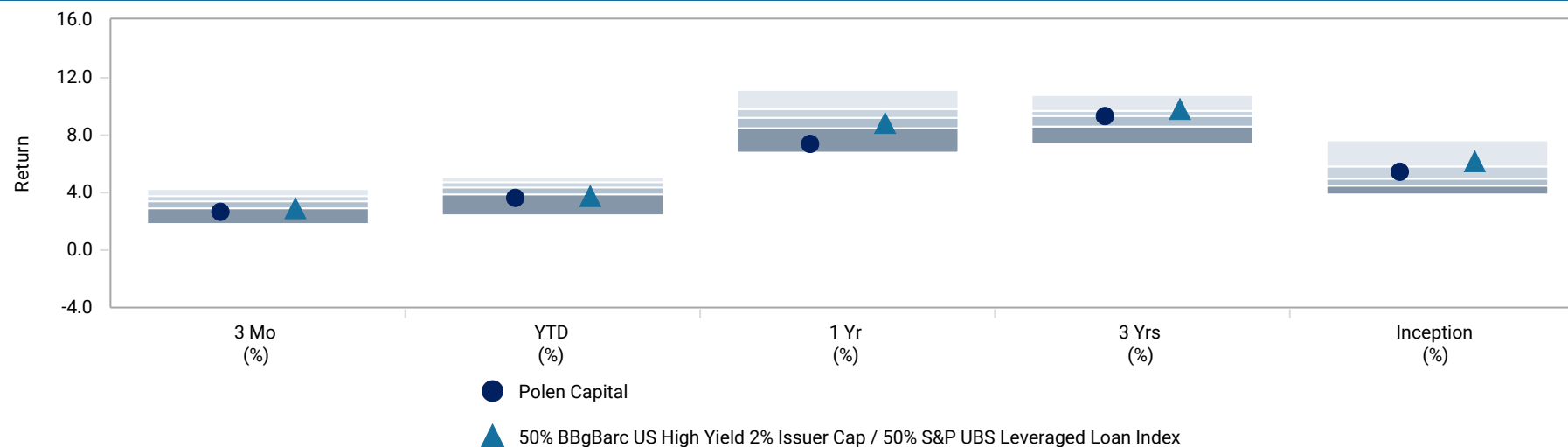
# LOOMIS SAYLES & CO. HIGH YIELD



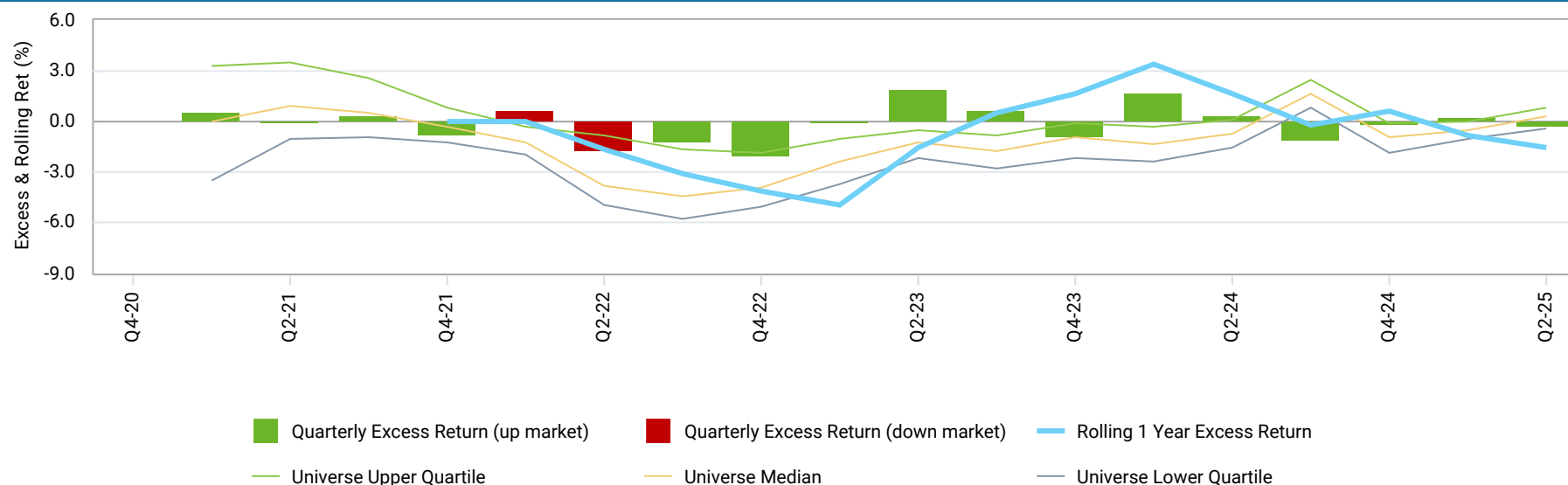
Los Angeles City Employees' Retirement System-LACERS Master Trust

# POLEN CAPITAL

## eV US High Yield Fixed Inc (net of fees)



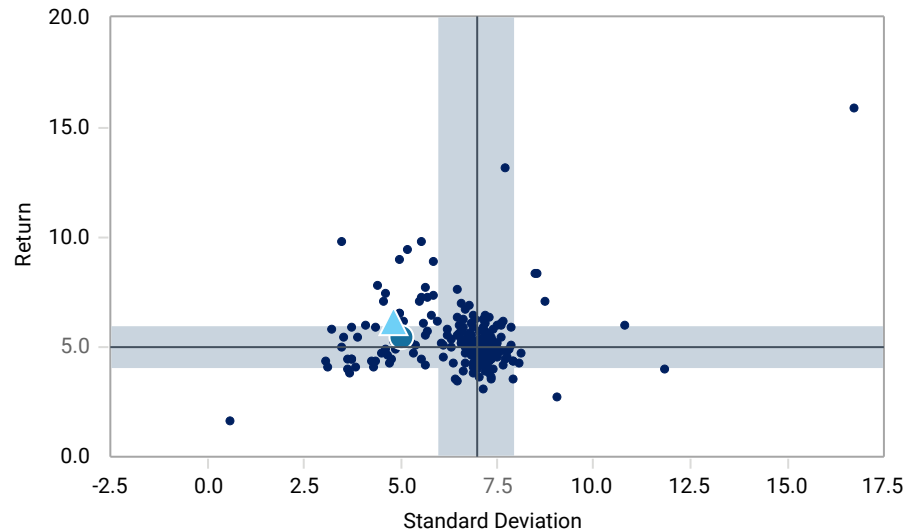
## Quarter Excess Return with a Rolling 1 Year Excess Return over Since Inception Ending June 30, 2025



# Los Angeles City Employees' Retirement System-LACERS Master Trust

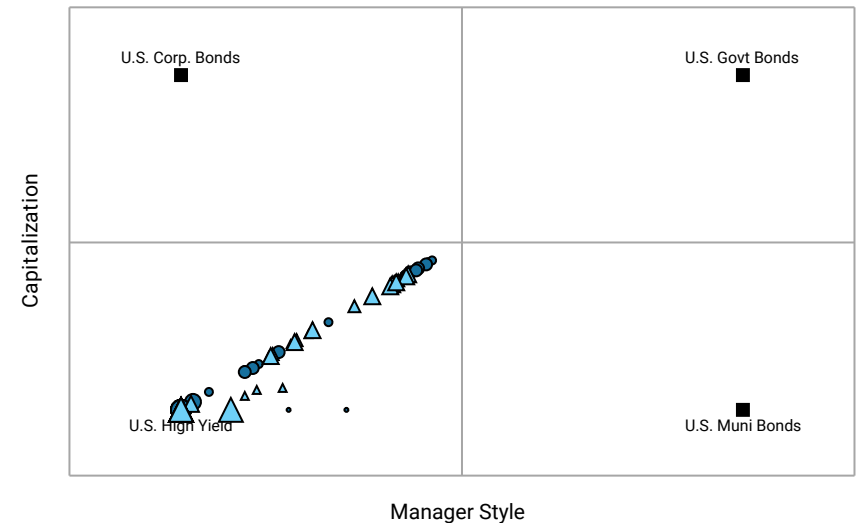
## POLEN CAPITAL

Since Inception Return vs. Standard Deviation

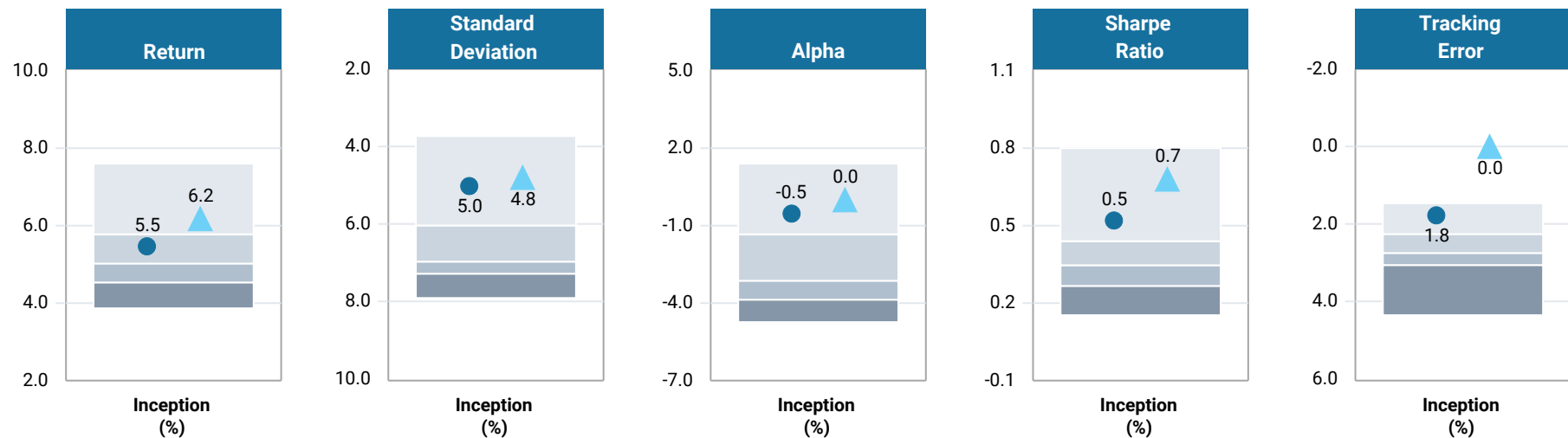


● Polen Capital  
▲ 50% BBgBarc US High Yield 2% Issuer Cap / 50% S&P UBS Leveraged Loan Inc

Style Map: (1 Year)



● Polen Capital  
▲ 50% BBgBarc US High Yield 2% Issuer Cap / 50% S&P UBS Leveraged Loan Inc

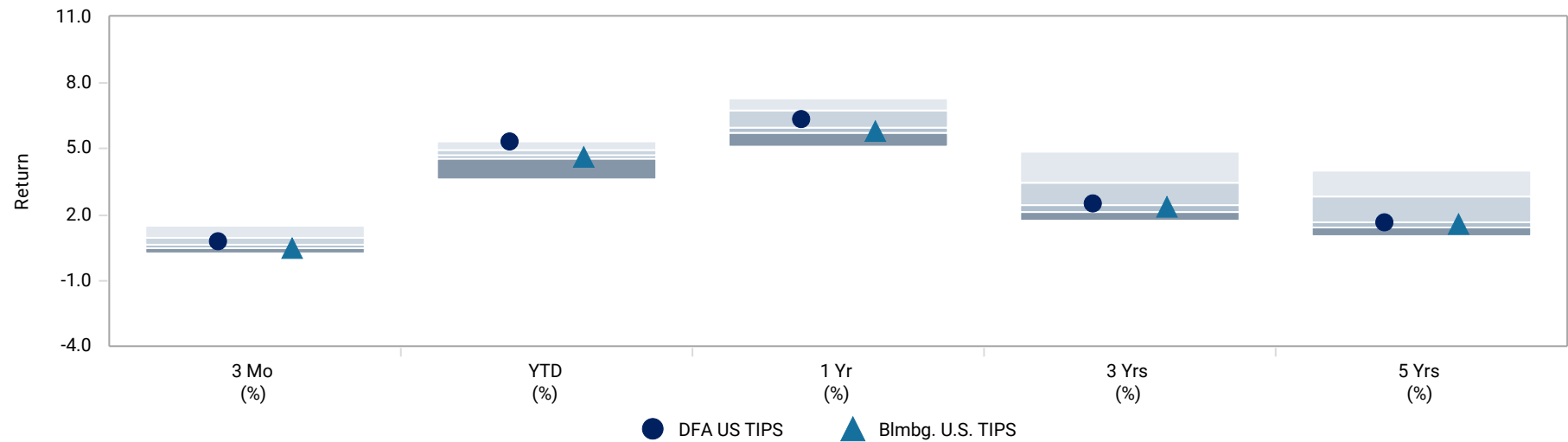


# REAL ASSETS MANAGER PERFORMANCE

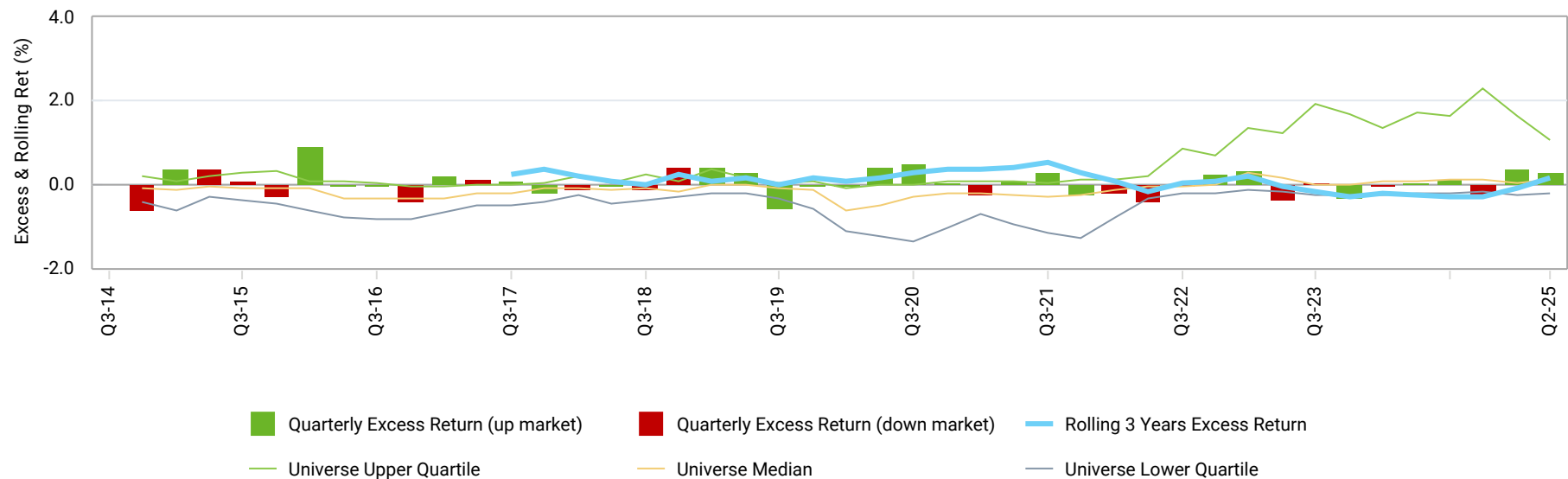
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## DFA US TIPS

### eV US TIPS / Inflation Fixed Inc (net of fees)

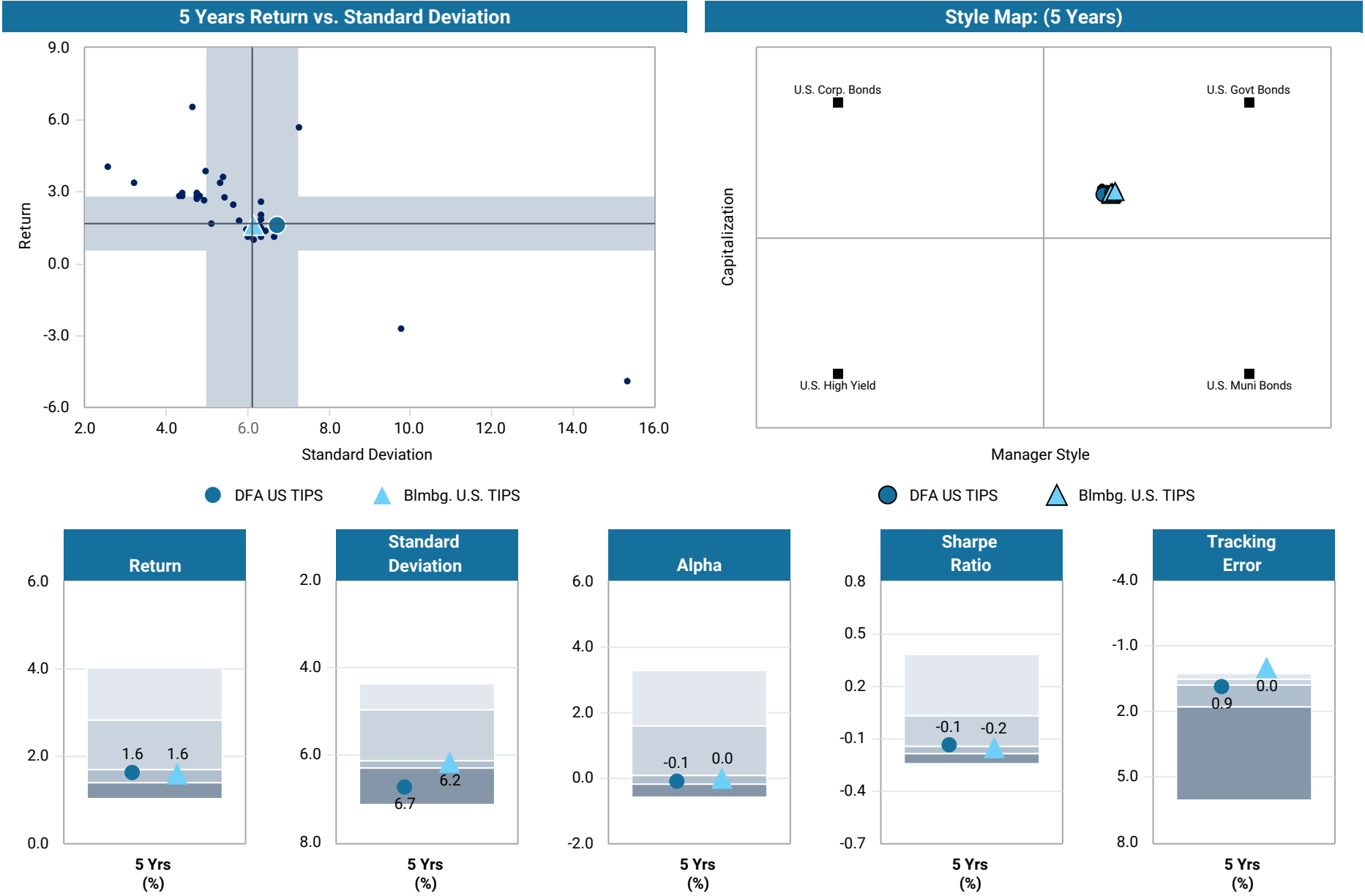


### Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



Los Angeles City Employees' Retirement System-LACERS Master Trust

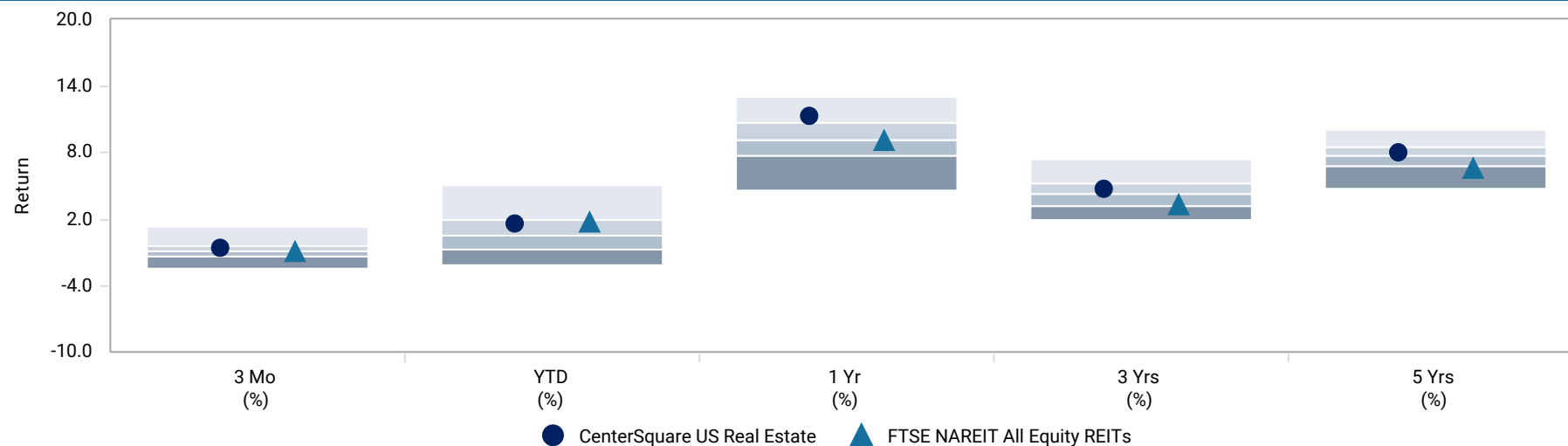
# DFA US TIPS



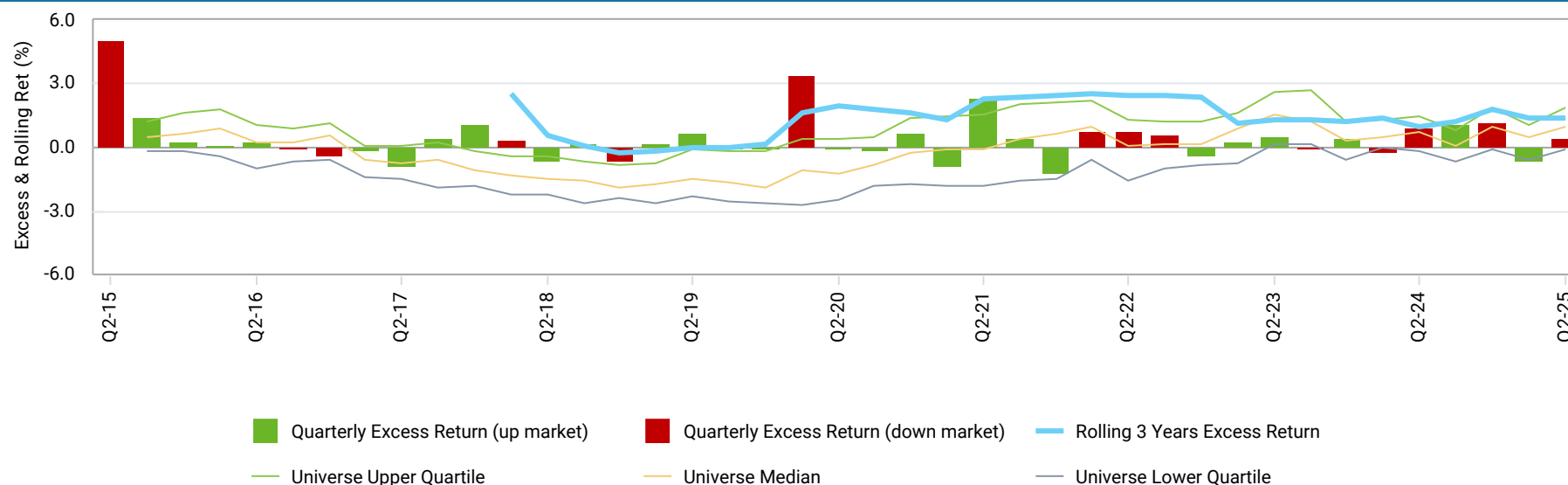
Los Angeles City Employees' Retirement System-LACERS Master Trust

# CENTERSQUARE US REAL ESTATE

## eV US REIT (net of fees)



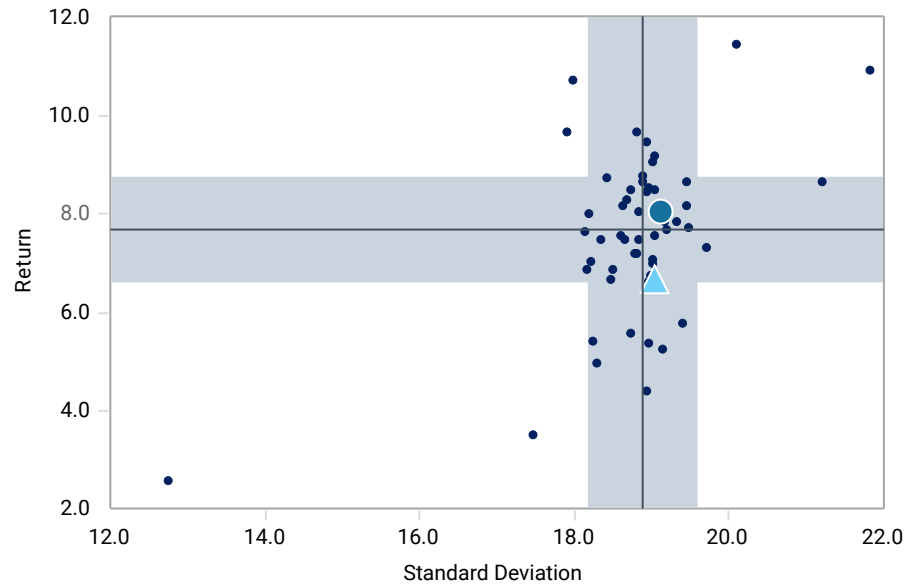
## Quarter Excess Return with a Rolling 3 Years Excess Return over Since Inception Ending June 30, 2025



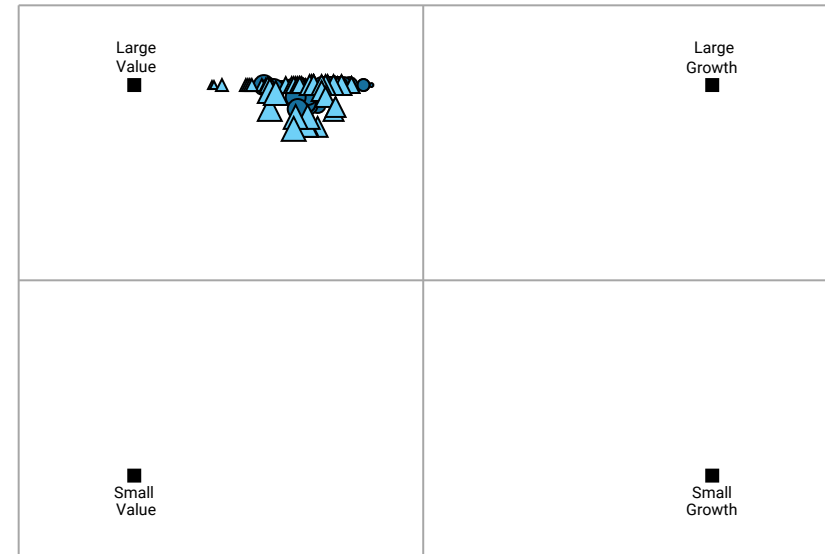
# Los Angeles City Employees' Retirement System-LACERS Master Trust

## CENTERSQUARE US REAL ESTATE

5 Years Return vs. Standard Deviation



Rolling 5 Years Style Map



● CenterSquare US Real Estate ▲ FTSE NAREIT All Equity REITs

● CenterSquare US Real Estate ▲ FTSE NAREIT All Equity REITs

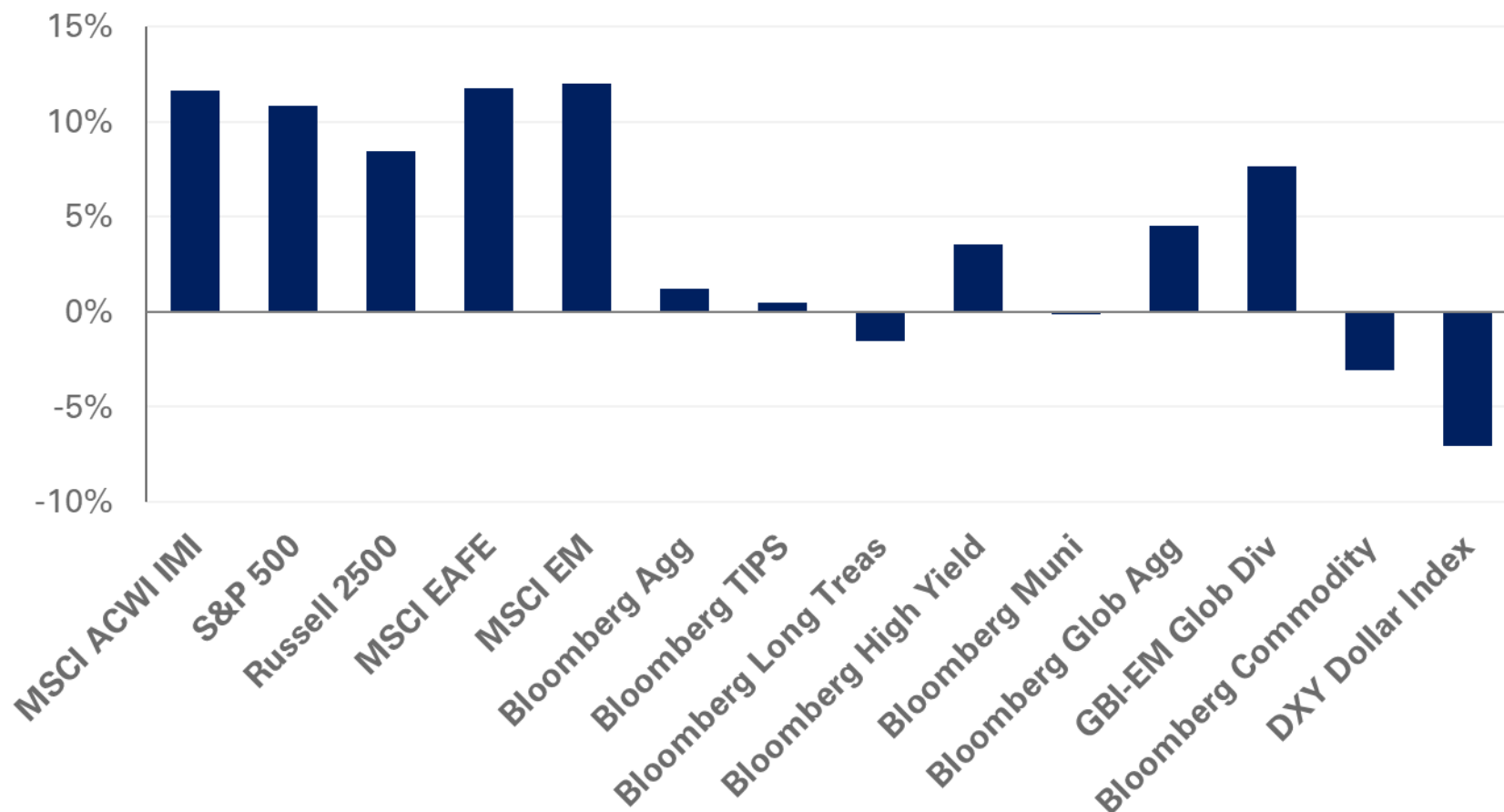


# MARKET ENVIRONMENT (QUARTER-END)



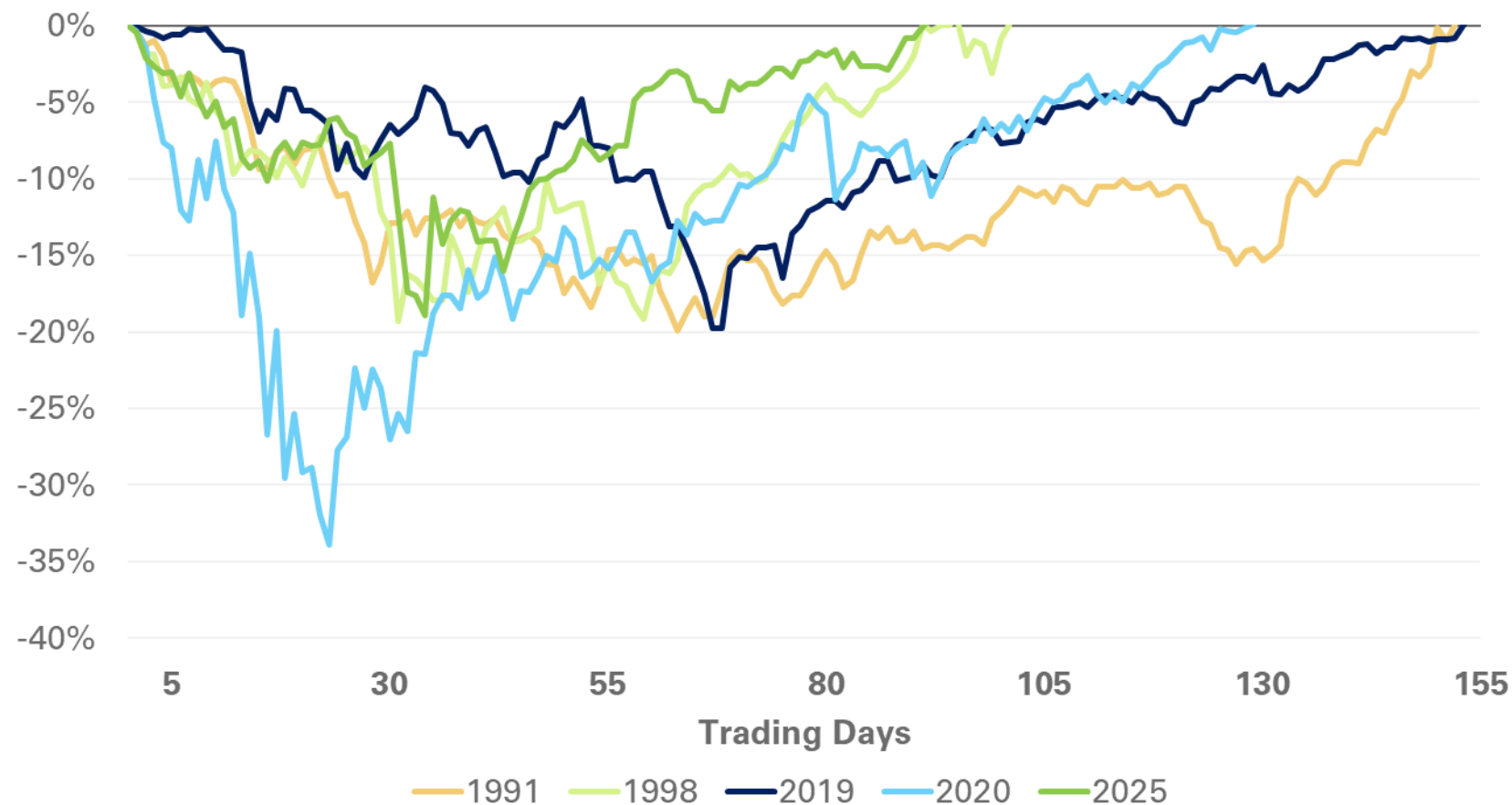
# EQUITIES POSTED OUTSIZED RETURNS IN Q2

## QUARTERLY TOTAL RETURNS



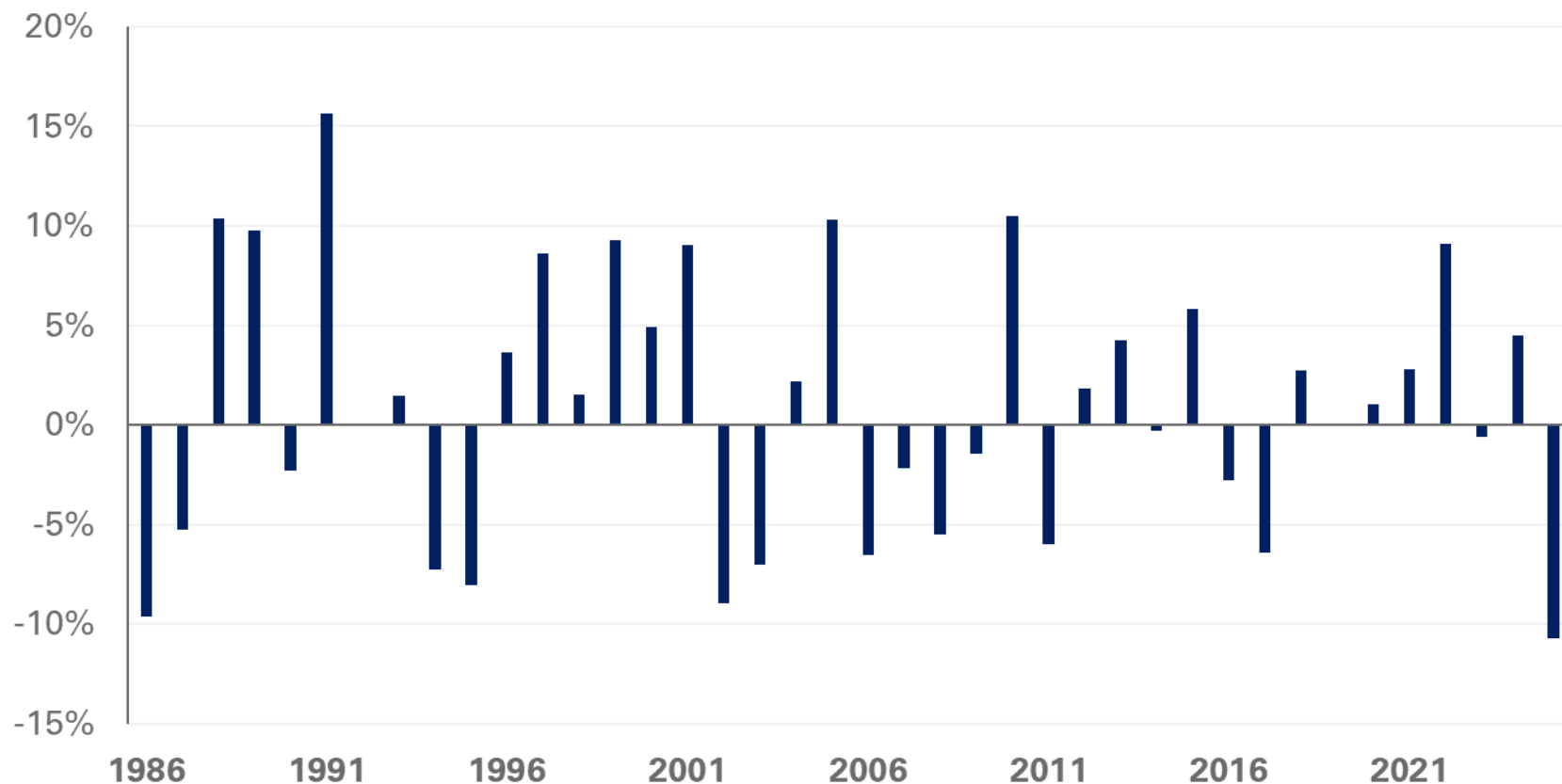
# MARKETS WERE QUICK TO RECOVER STEEP LOSSES

S&P 500 RECOVERIES TO RECORDS AFTER A DECLINE OF 15%+



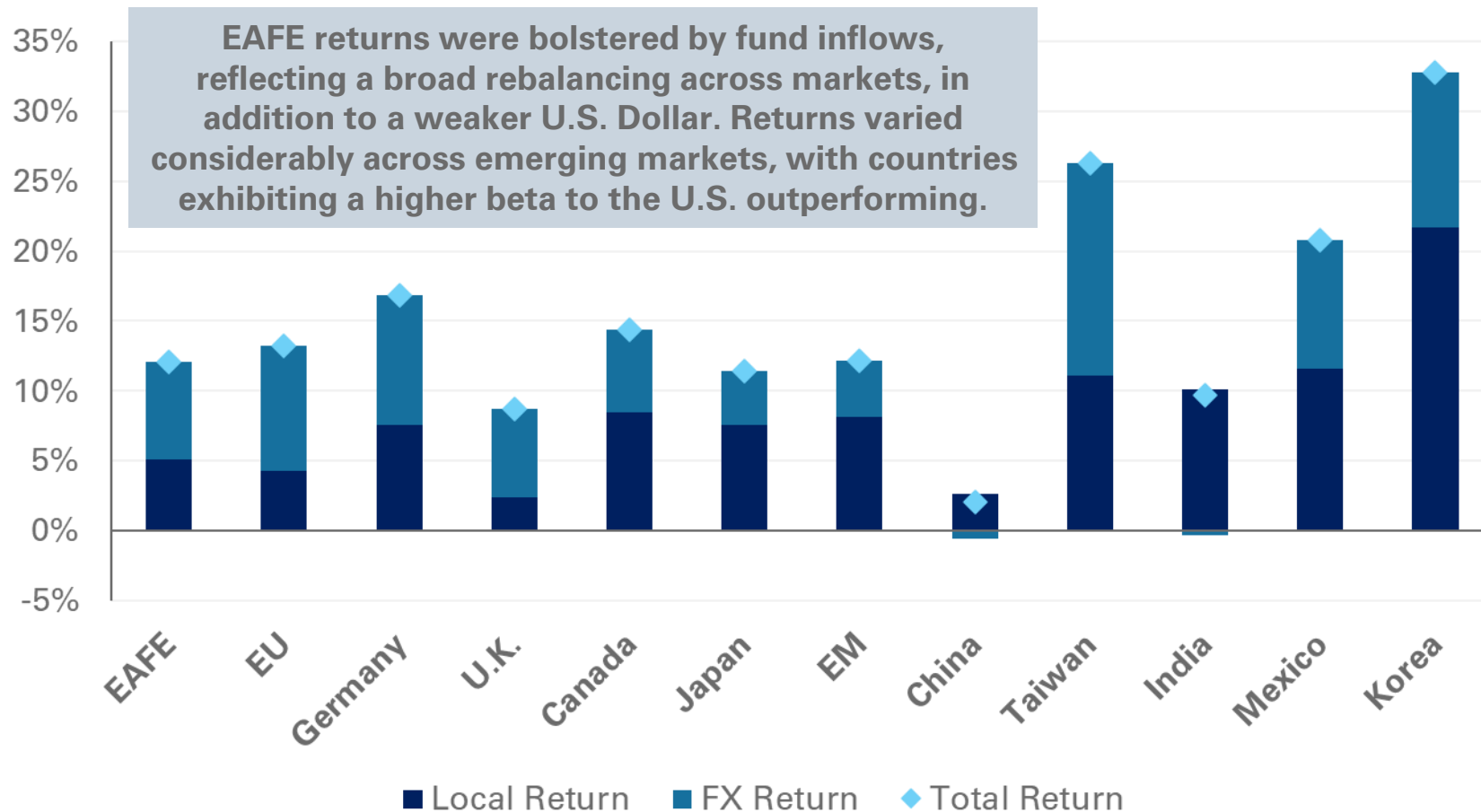
# WEAKNESS IN THE U.S. DOLLAR WAS PRONOUNCED

## 1H CALENDAR YEAR CHANGES IN THE DXY INDEX



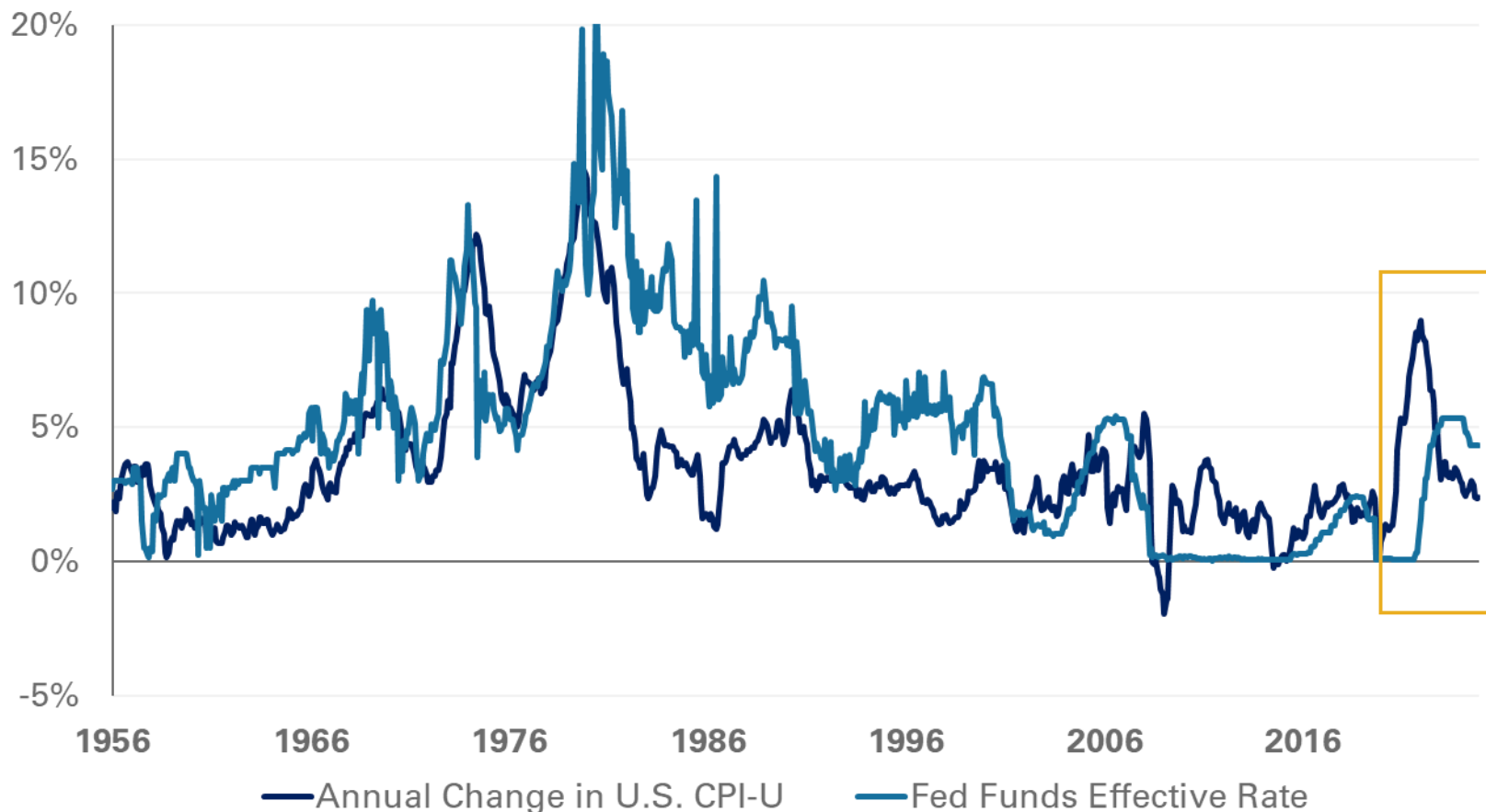
# NON-U.S. MARKETS SAW WIDE RETURN DISPERSION

## NON-U.S. LOCAL EQUITY VS. CURRENCY RETURNS



# RATES ARE DISCONNECTED FROM INFLATION

## HISTORICAL RELATIONSHIP BETWEEN FED FUNDS AND INFLATION



# DEFINITIONS

# POLICY INDEX DEFINITIONS

EFFECTIVE JULY 1, 2024

**Policy Index:** 20.5% Russell 3000 Index, 25.5% MSCI ACWI ex USA Net Index, 12.75% Bloomberg U.S. Aggregate Bond Index, 10.75% Credit Opportunities Blend, 6.00% Public Real Assets Blend, 6.5% Real Estate Blend, 17.0% Private Equity Blend, 1% Citi 3 Month T-Bill Index

**U.S. Equity Blend:** July 1, 2011 - Current: Russell 3000 Index; September 30, 1994 - December 31, 1999 S&P 500 Index 33.75, Russell 1000 Value Index 35%, Russell 1000 Growth 12.5%, Russell 2000 Value 12.5%, Russell 2000 Growth 6.25%

**Core Fixed Income Blend:** July 1, 2013 – Current: Bloomberg U.S. Aggregate Bond Index

**Credit Opportunities Blend:** 13.95% Bloomberg US High Yield 2% Issuer Capped Index, 13.95% S&P UBS Leveraged Loan Index, 37.21% Blended Emerging Markets Debt Blend, 34.88% S&P UBS Leveraged Loan Index One Quarter Lagged

**Emerging Markets Debt Blend:** 50% JPM EMBI Global Diversified, 50% JPM GBI-EM Global Diversified

**Real Assets Policy Benchmark Blend:** 32% Bloomberg US TIPS Index, 16% FTSE NAREIT All Equity Index, 52% Real Estate Blend

**Public Real Assets Blend:** 66.67% Bloomberg US TIPS Index, 33.33% FTSE NAREIT All Equity Index

**Real Estate Blend:** July 1, 2014 - Current NCREIF ODCE + 0.80%; July 1, 2012 - June 30, 2014 NCREIF Property Index Lagged +1%; October 1, 1994 - June 30, 2012 NCREIF Property Index Lagged

**Private Equity Blend:** January 1, 2022 - Current Cambridge Global PE and VC Index; February 1, 2012 – December 31, 2021 Russell 3000 + 3%; Inception – January 31, 2012 Russell 3000 + 4%

Note: See Investment Policy for a full description of the indices listed.

# POLICY INDEX DEFINITIONS

## INTERIM POLICY TARGETS ADOPTED ON JULY 12, 2022

|                             | Policy Target % |
|-----------------------------|-----------------|
| <b>Total Portfolio</b>      | <b>100.00%</b>  |
| <b>U.S. Equity</b>          | <b>21.00%</b>   |
| Large Cap                   | 15.00%          |
| Small/Mid Cap               | 6.00%           |
| <b>Non-U.S. Equity</b>      | <b>26.00%</b>   |
| Developed                   | 15.00%          |
| Developed Small Cap         | 3.00%           |
| Emerging Markets            | 6.67%           |
| Emerging Markets Small Cap  | 1.33%           |
| <b>Private Equity</b>       | <b>16.00%</b>   |
| <b>Core Fixed Income</b>    | <b>11.25%</b>   |
| <b>Credit Opportunities</b> | <b>12.75%</b>   |
| Bank Loans/High Yield       | 3.00%           |
| Emerging Market Debt        | 4.00%           |
| Private Credit              | 5.75%           |
| <b>Public Real Assets</b>   | <b>5.00%</b>    |
| TIPS                        | 3.60%           |
| REITS                       | 1.40%           |
| <b>Real Estate</b>          | <b>7.00%</b>    |
| <b>Cash</b>                 | <b>1.00%</b>    |

| 2022           | 2023           | 2024           | 2025           |
|----------------|----------------|----------------|----------------|
| <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> |
| <b>19.50%</b>  | <b>20.50%</b>  | <b>20.50%</b>  | <b>21.00%</b>  |
| 14.00%         | 14.50%         | 14.50%         | 15.00%         |
| 5.50%          | 6.00%          | 6.00%          | 6.00%          |
| <b>25.50%</b>  | <b>25.50%</b>  | <b>25.50%</b>  | <b>26.00%</b>  |
| 14.40%         | 14.40%         | 14.40%         | 15.00%         |
| 3.00%          | 3.00%          | 3.00%          | 3.00%          |
| 6.75%          | 6.75%          | 6.75%          | 6.67%          |
| 1.35%          | 1.35%          | 1.35%          | 1.33%          |
| <b>18.00%</b>  | <b>17.50%</b>  | <b>17.00%</b>  | <b>16.00%</b>  |
| <b>15.00%</b>  | <b>14.00%</b>  | <b>12.75%</b>  | <b>11.25%</b>  |
| <b>8.00%</b>   | <b>9.25%</b>   | <b>10.75%</b>  | <b>12.75%</b>  |
| 3.00%          | 3.00%          | 3.00%          | 3.00%          |
| 4.00%          | 4.00%          | 4.00%          | 4.00%          |
| 1.00%          | 2.25%          | 3.75%          | 5.75%          |
| <b>7.50%</b>   | <b>6.25%</b>   | <b>6.00%</b>   | <b>5.00%</b>   |
| 4.50%          | 4.00%          | 4.00%          | 3.60%          |
| 3.00%          | 2.25%          | 2.00%          | 1.40%          |
| <b>5.50%</b>   | <b>6.00%</b>   | <b>6.50%</b>   | <b>7.00%</b>   |
| <b>1.00%</b>   | <b>1.00%</b>   | <b>1.00%</b>   | <b>1.00%</b>   |

Note: Policy target changes coincide with beginning of fiscal year.

# DISCLAIMERS & DISCLOSURES

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Past performance is no guarantee of future results.

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

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

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

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

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