

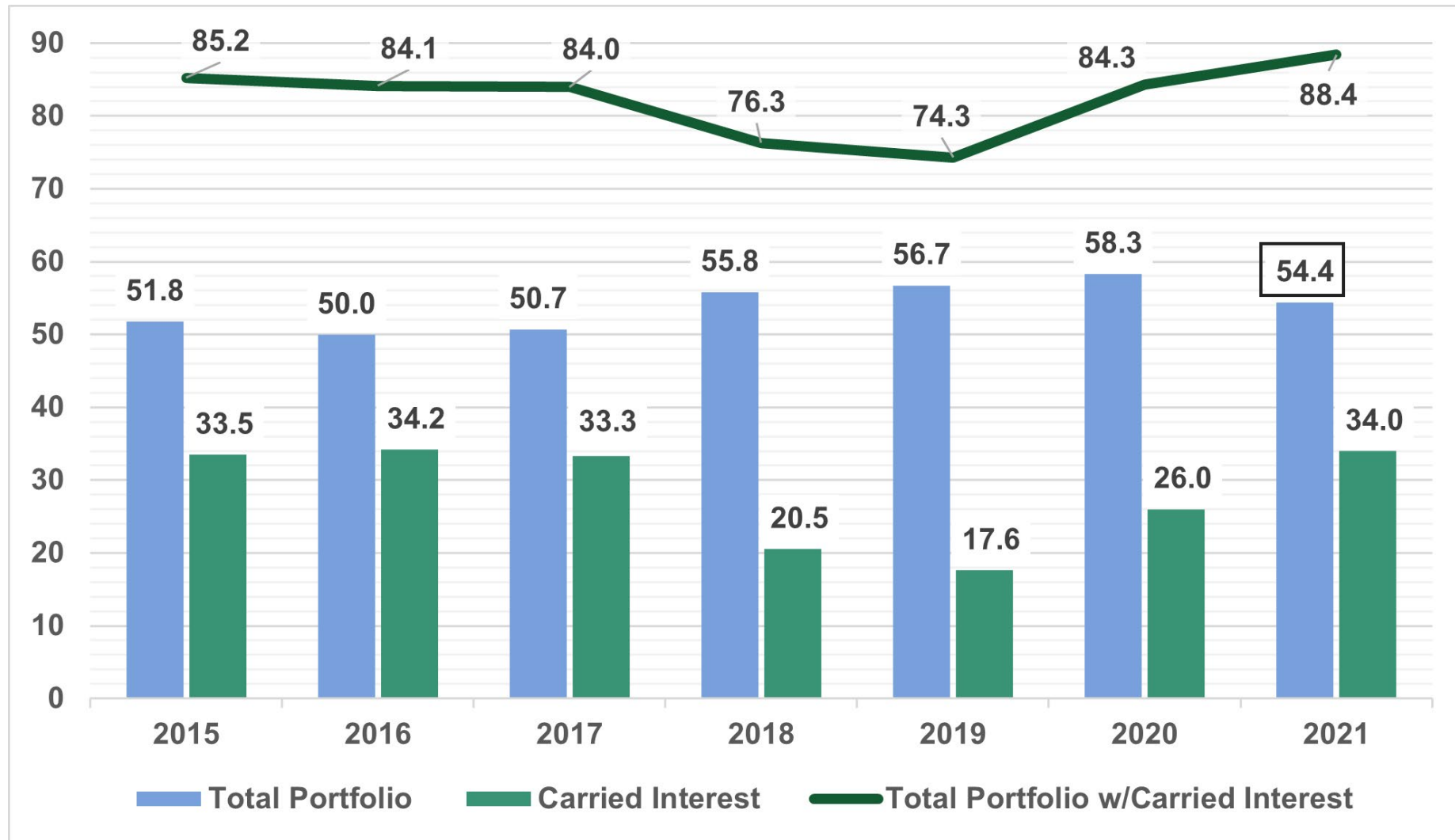


CALSTRS®

# 2021 Annual Investment Cost Report

November 3, 2022

# Overall investment costs *(in basis points)*



# Overall investment costs *(Dollars in Millions)*

	<u>2020</u>	<u>2021</u>	<u>2021 Δ</u>
<b>NAV</b>	261,992	338,296	29%
<b>Total Portfolio Costs</b>	<b>1,527</b>	<b>1,840</b>	<b>20%</b>
<b>Carried Interest Paid</b>	<b>681</b>	<b>1,150</b>	<b>69%</b>
<b>Total w/Carried Interest</b>	<b>2,209</b>	<b>2,990</b>	<b>35%</b>

-  Asset Growth **29% ↑**
-  Asset Allocation **0% ↓**
-  Collaborative Model **9% ↓**
- Total Portfolio Costs **20% ↑****

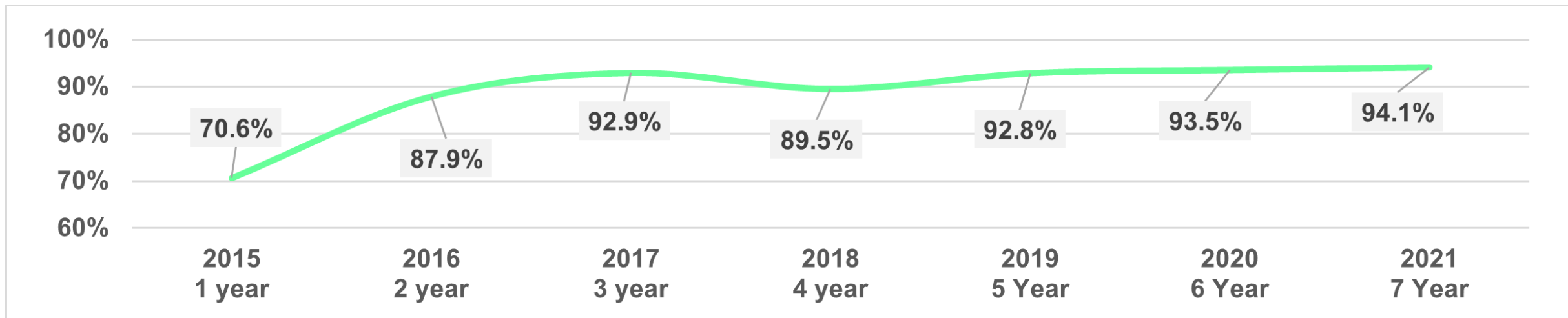
# Internal vs. External *(excluding Carried Interest)*

	NAV	%	Cost	%
<b>Externally Managed</b>	<b>112,629</b>	<b>33%</b>	<b>1,324</b>	<b>72%</b>
<i>Private</i>	<i>68,045</i>	<i>20%</i>	<i>1,111</i>	<i>60%</i>
<i>Public</i>	<i>44,585</i>	<i>13%</i>	<i>214</i>	<i>12%</i>
<b>Internally Managed</b>	<b>225,667</b>	<b>67%</b>	<b>516</b>	<b>28%</b>
<i>Private</i>	<i>40,724</i>	<i>12%</i>	<i>454</i>	<i>25%</i>
<i>Public</i>	<i>184,943</i>	<i>55%</i>	<i>61</i>	<i>3%</i>
<b>Total</b>	<b>338,296</b>	<b>100%</b>	<b>1,840</b>	<b>100%</b>

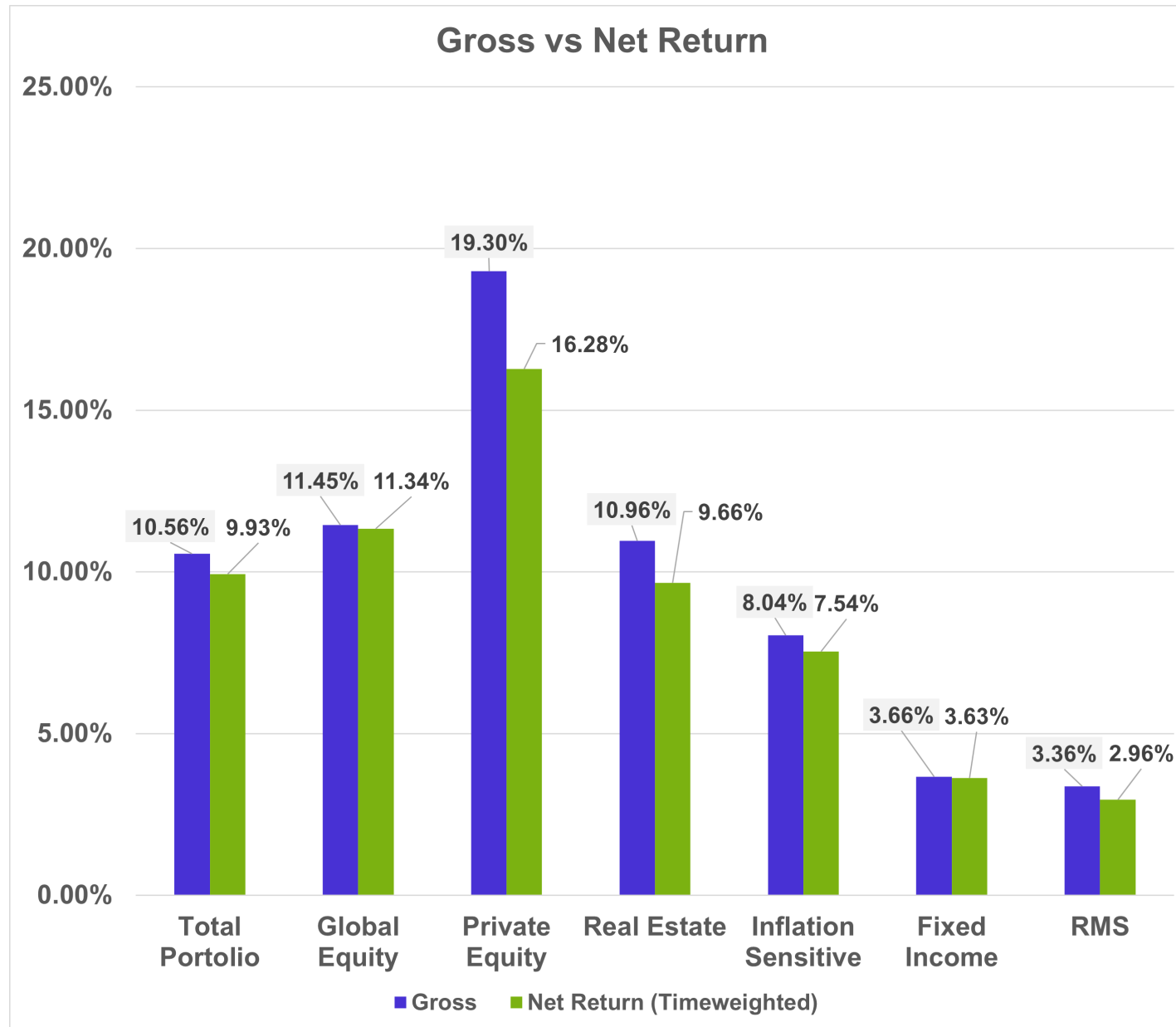
<i>Cost in Basis Points</i>	
<b>Private</b>	
<b>External</b>	<b>Internal</b>
163	112
<b>Public</b>	
<b>External</b>	<b>Internal</b>
48	3

# Capture ratio

7-Year Period <i>Ending December 31, 2021</i>		Capture Ratio
	<b>Total Portfolio</b>	<b>94.1%</b>
<b>Growth</b>	Global Equity	<b>99.1%</b>
	Private Equity	<b>84.3%</b>
<b>Real Assets</b>	Real Estate	<b>88.1%</b>
	Inflation Sensitive	<b>93.7%</b>
<b>Diversifying</b>	Fixed Income	<b>99.1%</b>
	Risk Mitigating Strategies	<b>87.9%</b>



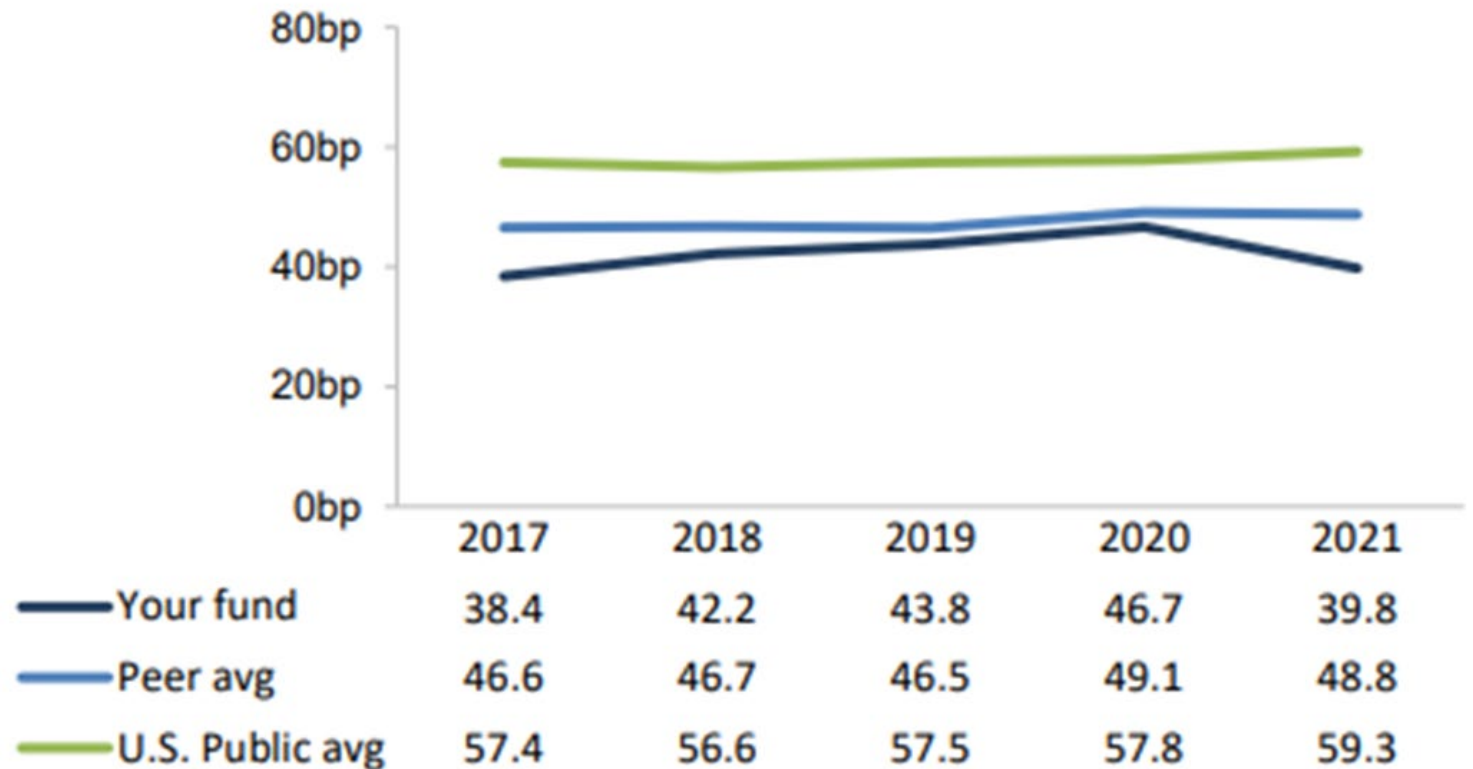
# Capture ratio



## Peer comparison

- 40 U.S. Public Funds & 14 Global Peers
- 14.6 bps lower than expected cost of 54.4 bps
- Approximately \$491 million saved

Trend in Total Investment Cost



# Questions?