SWIB Quarterly Update

Wisconsin Coalition of Annuitants

March 18, 2024

Rochelle Klaskin Deputy Executive Director/Chief Operating Officer



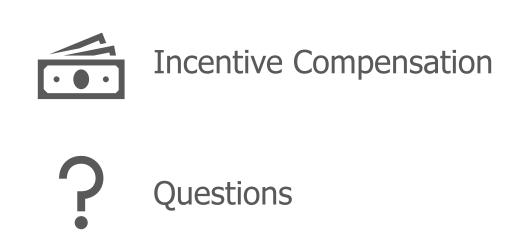








Asset Allocation









WRS Core Fund Performance

Preliminary Calendar Year-to-Date

As of February 29, 2024



Final Performance

As of January 31, 2024





Benchmark: 7.71%

Benchmark: 6.85%

Note: Calendar year-to-date and 5-year returns are net of fees, and 10-year returns are net of external manager fees.



WRS Variable Fund Performance

Preliminary Calendar Year-to-Date

As of February 29, 2024



Final Performance

as of January 31, 2024

5-Year10-Year11.07%9.73%

Benchmark: 11.22%

Benchmark: 9.77%

Note: Calendar year-to-date and 5-year returns are net of fees, and 10-year returns are net of external manager fees.



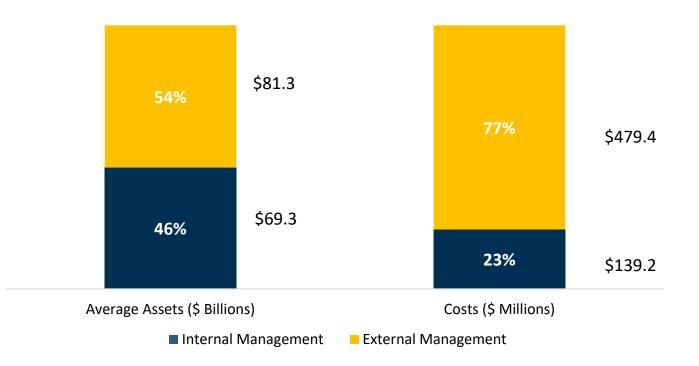




Internal Costs vs. External Base Fees

Internal management costs significantly less

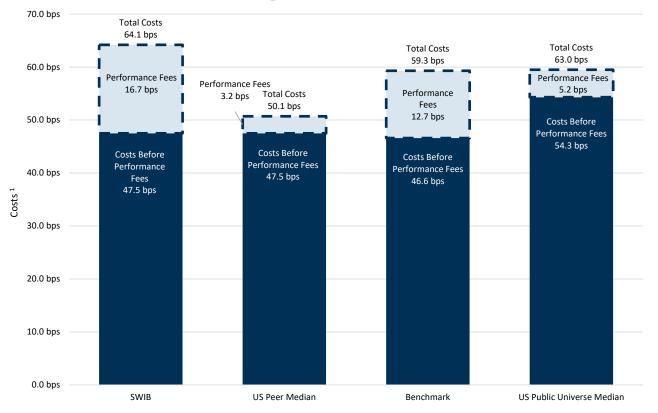
SWIB saved **\$536 million** vs. peers from 2013-2022.



CY 2023 Internal + External Manager Base Fees = \$618.6 million



Median Costs Including Performance Fees



¹ Costs for US Peer Median and US Public Universe Median represent the median of each data point, resulting in the sum of the median cost before performance fees and the median performance fees not equaling the median total costs for each category. As a result, the above total median figures vary modestly from the sum of the individual median inputs.

When adjusted for performance fees, SWIB's costs are equal to the peer median, slighter higher than the CEM Benchmark, and lower than the U.S. Public Universe.







Summary of Asset Allocation Changes

Public Markets Allocation

- Reduce Public Equity from 48% to 40%
- Increase Fixed Income from 25% to 27%

Private Markets Allocation

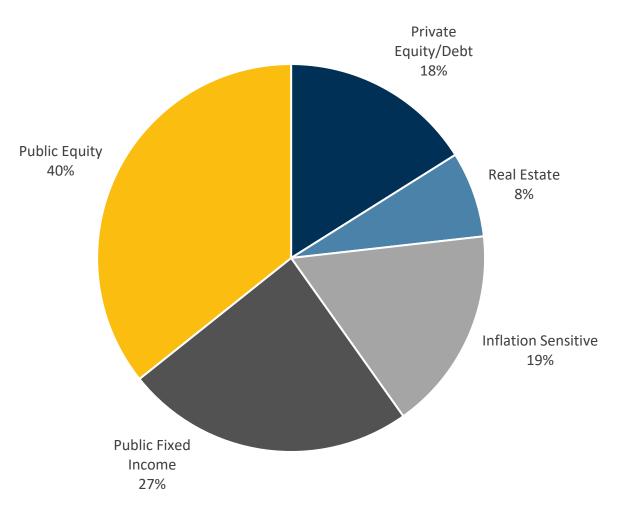
• Increase Private Equity & Debt from 15% to 18%

Leverage Level

• Reduce Leverage Level from 15% to 12%



2024 Asset Allocation Targets



Long Term Target Returns and Risk	
	2024 Policy Portfolio
10-Year Expected Return	6.5%
30-Year Expected Return	7.4%
Standard Deviation	12.4%
Sharpe Ratio 10 Yr.	0.20
Target Active Risk	120 bps +/- 60bps

Note: Asset allocation target totals exceed 100% due to SWIB's overall leverage of CTF assets.



Incentive Compensation



Inventive Compensation by the Numbers

A total of 263 employees are eligible for incentive compensation awards.

- 90 Investment Management Staff
- 173 Investment Services Staff



The 2023 incentive compensation payments represent less than 5% of all SWIB's costs for managing the WRS.



SWIB's investment management has added more than \$3.1 billion above benchmark returns to the WRS over the last five years.



Inventive Compensation by the Numbers



Over the last 20 years, SWIB's active management and diversified holdings generated **\$29.5 billion** for the Core Fund above what it would have earned investing in a passive 60/40 portfolio.



The plan primarily focuses on five-year returns, a longer-term measure that aligns with SWIB's long-term investment strategy and the period used to calculate retiree annuity adjustments.



SWIB has generated strong returns for the WRS that keep it fully funded. With a funded ratio of 100% as of Dec. 31, 2023, the WRS is one of the only fully funded public pensions in the U.S.





www.swib.state.wi.us/podcasts

NEW EPISODE COMING SOON!

Episode 27

How SWIB's Co-Investment Portfolio Benefits the WRS, with Chris Eckerman and Kirk Wolff from SWIB's Private Equity & Co-Investment Team

Some Recent Episodes: Episode 26

'It Ain't Over Till It's Over' : A Look Back at 2023 and Ahead to 2024 with SWIB Executive Director/Chief Investment Officer Edwin Denson

Episode 25

A Look Into the Housing Market and SWIB's MBS Portfolio with Mike Shearer, head of fixed income strategies, and Leo Kropywiansky, senior portfolio manager

