Investment Reports

Quarterly Report – June 30, 2024

Total Assets Under Management	2
Capital Markets	
Commingled Trust Fund (CTF)	4-9
Defined Contribution Plans	
Daily Priced Investment Options	
Labor & Industries' Funds	
Permanent Funds	
Other Funds	

Total Assets Under Management

Stakeholder Overview

Labor & Industries' Funds \$20 B, 9.8%

Permanent Funds \$1.3 B, 0.6%

Other Funds \$2.9 B, 1.4%

\$205,248,125,083

WSIB invests for 39 funds:

18 Retirement Funds

- 5 State Insurance Funds for injured workers
- 7 Permanent Funds
- 9 Other Funds

Asset Class Market Values for All Funds (\$ Billions)

\$46.6
\$12.8
\$32.3
\$61.5
\$47.6
\$2.0
\$2.4

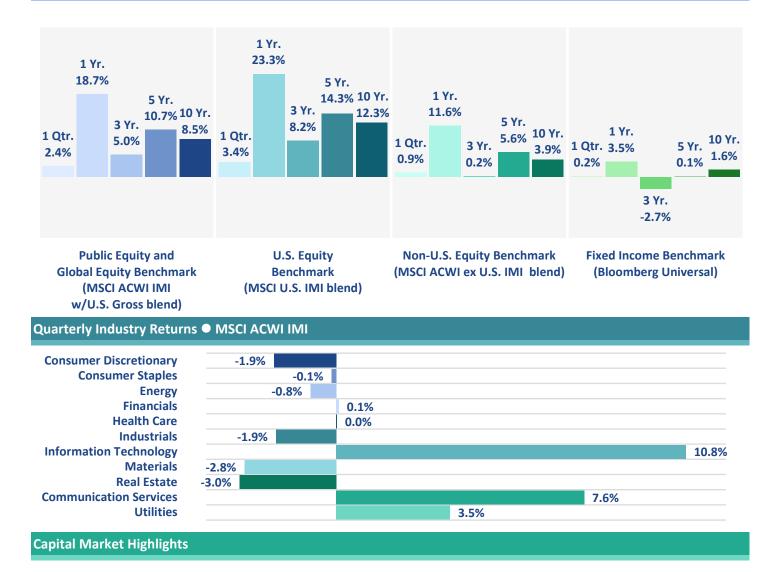
Retirement Funds (CTF, VFFRO, and Defined Contribution) \$181 B, 88.2%

Asset Class Overview for All Funds

Cash 1.3%		Cash 0.1%	Cash 1.4%
Innovation 1.1% Private Equity 26.3%	Public Equity 18.1% Real Estate 1.0%	Public Equity 43.0%	Public Equity 31.1%
Public Equity 31.2%			
Real Estate 17.8%	Fixed Income 80.9%	Fixed Income 56.9%	Fixed Income 67.5%
Tangible Assets 7.1% Fixed Income 15.3%			
Retirement Funds (CTF, VFFRO, and Defined	Labor & Industries' Funds	Permanent Funds	Other Funds

Contribution)

Index Returns



- Economic momentum remained robust during the second quarter and expectations of multiple rate cuts faded
 - This fueled another positive quarter for equity markets while bond markets were mostly flat
 - Hopes for a soft landing remained in place as inflation figures gradually moved lower
 - Annual U.S. inflation, as measured by the personal consumption expenditures index, eased slightly to 2.6% in June from 2.8% in March
- The MSCI Developed World IMI returned 2.1% in the second quarter, bringing the 1-year return to 19.0%
- The MSCI Emerging Markets IMI returned 5.1%, which brought its 1-year return to 13.6%
- The Federal Open Market Committee (Fed) held two meetings during the quarter and, in highly anticipated moves, left the Federal Reserve Target Range unchanged at 5.25% to 5.50%
- The U.S. 10-year Treasury yield was higher for the quarter and ended at 4.4%, which was 0.2% higher than prior quarter-end
 - Over the past year, the 10-year rate rose 0.6%
- It was a quarter of tight positive returns for the various fixed income indices this quarter
 - The broad-based Bloomberg Universal index returned 0.2%

CTF • Allocation & Historical

Quarter Ended June 30, 2024

Actual Asset Allocation

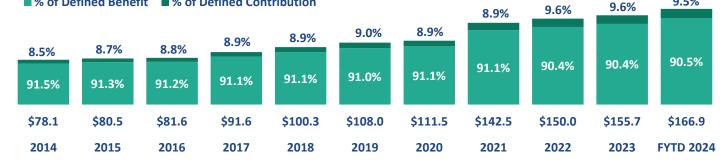
Asset Class	Market Value	by Asset Class	with Overlay	Market Value Char
Fixed Income	\$24,997,468,434	15.0%	16.4%	
Tangible Assets	\$12,795,612,030	7.7%	7.7%	Quarter
Real Estate	\$32,123,759,255	19.2%	19.2%	\$1,858,379,891
Public Equity	\$45,046,600,235	27.0%	26.9%	
Private Equity	\$47,630,817,474	28.5%	28.5%	Fiscal Year
Innovation	\$1,951,450,161	1.2%	1.2%	\$11,267,386,467
Cash	\$2,402,458,629	1.4%	0.0%	
Total Fund	\$166,948,166,218			





Historical Growth of the CTF ● Fiscal Years Ended June 30





Note: Pages 4-9, Totals may not add up due to rounding.

9.5%

CTF ● Peformance Quarter Ended June 30, 2024 Qtr. 1 Year 3 Year 5 Year 10 Year 20 Year 1.47% 8.89% **Total Fund** \$166,948,166,218 100.0% 8.50% 6.37% 9.94% 8.62% 2.71% 7.53% Passive Benchmark² 1.75% 13.88% 6.52% 6.79% 5.09% 8.50% 7.80% Implementation Value Added Benchmark³ 2.89% 12.04% TUCS Public Fund >\$1B Median⁴ 8.19% 7.34% 1.33% 10.47% 4.14% 6.65% TUCS Public/Corporate Fund >\$1B Median⁴ 1.20% 9.52% 3.33% 7.19% **Fixed Income** \$24,997,468,434 15.0% 0.26% 4.83% -1.51% 1.21% 2.24% 4.11% **Bloomberg Universal** 0.19% 3.47% -2.68% 0.11% 1.63% 3.43% 4.20% 10.82% 9.75% 8.83% 6.98% Tangible Assets⁵ \$12,795,612,030 7.7% 7.48% CPI (Lagged One Quarter) + 400 bps 2.13% 9.63% 8.19% 6.84% Real Estate⁵ \$32,123,759,255 19.2% -0.13% -2.06% 13.25% 12.17% 11.90% 10.84% 8% Return Over Rolling 10 Years 8.00% NCREIF (Lagged One Quarter) -0.98% -7.16% 3.63% 3.76% 6.41% 7.52% \$45,046,600,235 27.0% 1.93% 19.58% 5.50% 10.75% 8.74% 8.23% Public Equity⁶ **Custom Benchmark** 10.67% 8.49% 2.45% 18.72% 4.99% 8.12% 28.5% 2.07% 8.39% 14.42% 13.33% 13.30% Private Equity⁵ \$47,630,817,474 8.12% Custom Benchmark⁹ 8.59% 25.80% 9.60% 13.88% 11.75% 10.20% Innovation⁵ \$1,951,450,161 1.2% 2.69% 10.34% 10.25% 10.36% -2.10% Custom Benchmark⁷ 4.22% 17.27% 6.94% 10.50% 5.90% **Overlav**⁸ \$227,102,057 -0.02% 0.00% -0.06% -0.01% 0.04% 0.05% 1.4% 1.37% 5.60% 3.28% 2.30% 1.66% 1.69% \$2,175,356,572 Cash

1.33%

Outperformed the Composite Benchmark

Underperformed the Composite Benchmark

5.46%

3.10%

2.20%

1.54%

1.60%

¹ Performance figures are net of all non-appropriated fees.

² CTF Passive Benchmark: 69% MSCI ACWI IMI w/ U.S. Gross and 31% Bloomberg Universal and a custom historical blend.

³ The Implementation Value Added Benchmark: Consists of market indices, as defined in each asset class's policy, weighted according to the asset allocation targets. This custom benchmark differs from the passive benchmark as it is not an investable benchmark due to the uninvestable premium added to certain private market benchmarks.

⁴ TUCS returns have been adjusted to reflect fees equivalent to those incurred by the WSIB (6.5 bps over 1, 3, and 5 years and 10 bps for 10 years).

⁵ Private market investments use the latest market value known plus cash flows that have occurred since that time. For compositing purposes their returns are calculated using monthly time-weighted returns.

⁶ Public Equity Benchmark: MSCI ACWI IMI w/U.S. Gross and a custom historical blend.

⁷ Innovation Benchmark: The weighted average of the underlying benchmarks for each asset/idea within the portfolio.

⁸ To show the performance, cash and the cash held in the overlay are separated out on this page.

⁹ Private Equity Benchmark: MSCI ACWI IMI w/U.S. Gross (Lagged One Quarter) + 300 bps and a custom historical blend.

90 Day T-Bills

				arter Ended J	
Global Markets				\$13,56	4,001,403
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Global	0.72%	19.12%	5.12%	10.96%	9.61%
MSCI ACWI IMI w/ U.S. Gross	2.45%	18.72%	4.99%	10.67%	8.49%
Arrowstreet Capital	3.30%	25.29%	9.28%	16.06%	12.47%
BLS Capital	-5.02%	-5.40%			
GQG Partners	3.68%	38.51%	14.76%		
LSV Asset Management	-0.73%	15.68%	6.63%		
Mawer	-1.45%	9.88%			
Sands	-3.49%	16.75%	-6.79%		
William Blair & Company	-0.29%	12.85%	0.41%	10.46%	9.95%
Non-U.S. Markets				\$11,51	4,267,861
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Non-U.S. Equity	0.94%	14.08%	1.87%	6.14%	4.15%
Custom Benchmark	0.92%	11.57%	0.19%	5.62%	3.92%
Total Developed	-0.41%	11.16%	2.48%	6.31%	4.41%
Custom Benchmark	-0.73%	10.76%	1.97%	6.29%	4.23%
SSgA	-0.41%	11.17%	2.41%	6.76%	4.73%
Total Emerging	4.24%	21.00%	0.55%	5.69%	3.39%
Custom Benchmark	5.13%	13.56%	-4.11%	3.93%	3.09%
BlackRock Trust Company EM IMI	5.13%	12.78%	-4.50%	3.57%	2.83%
Brandes Investment Partners	-0.52%	14.07%	2.42%	3.65%	
GQG Partners	4.88%	32.08%	5.02%		
LSV Asset Management	6.74%	26.71%	6.86%		
				\$10.06	6,431,438
U.S. Markets				<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	0,43 <u>1,430</u>

	Qtr.	1 Year	3 Year	5 Year	10 Year
Total U.S. Equity	3.35%	23.38%	8.31%	14.05%	12.00%
MSCI U.S. IMI (Gross)	3.35%	23.31%	8.23%	14.34%	12.27%
BlackRock Trust Company	3.35%	23.38%	8.31%	14.39%	12.31%

Outperformed the Composite Benchmark

Underperformed the Composite Benchmark

Developed Markets Benchmark: MSCI World ex U.S. IMI and a custom historical blend. Emerging Markets Benchmark: Emerging Markets IMI and a custom historical blend. Non-U.S. Equity Benchmark: MSCI ACWI IMI ex U.S. and a custom historical blend.

obal Markets			
obal Warkets			\$13,564,001,
rowstreet Capital	\$4,911,021,913	36.2%	
S Capital	\$1,249,406,621	9.2%	
QG Partners	\$2,169,358,231	16.0%	
V Asset Management	\$1,808,292,884	13.3%	
awer	\$1,428,995,455	10.5%	
nds	\$913,341,851	6.7%	
illiam Blair & Company	\$1,073,171,608	7.9%	
on-U.S. Markets			\$11,514,267,
eveloped			
gA	\$8,055,289,561	99.9%	
nerging			
ackRock Trust Company EM IMI	\$808,480,632	23.4%	
andes Investment Partners	\$745,404,881	21.6%	
QG Partners	\$900,001,328	26.1%	
V Asset Management	\$994,290,882	28.8%	
S. Markets			\$19,966,431,
ackRock Trust Company	\$19,966,431,438	100.0%	

Transition Accounts for Public Equity

\$23,112,949

CIF CASSET Class Details			Quarter	[•] Ended June 30, 202
Public Equity				\$45,046,600,23
Top Ten Geographies l	by Weight	1	op Ten Holdings	
United States	62.0%	NVIDIA Corp.		3.8%
Japan	5.0%	Microsoft Corp.		3.7%
United Kingdom	3.7%	Apple Inc.		3.3%
China	3.2%	Alphabet Inc.		2.1%
France	2.7%	Amazon.com Inc.		2.0%
Canada	2.3%	Meta Platforms Inc.		1.8%
India	2.2%	Eli Lilly & Co.		1.0%
Netherlands	2.1%	Novo Nordisk A/S		0.9%
Switzerland	1.9%	Taiwan Semiconducto	or Mfg. Co. Ltd	0.9%
Taiwan (Province of China)	1.8%	Broadcom Inc.		0.8%
WSIB	U.S. 62.0%		Other Developed Countries 26.9%	Emerging 11.1%
MSCI ACWI IMI w/U.S.	U.S.		Other Developed	Emerging

Gross

CTL

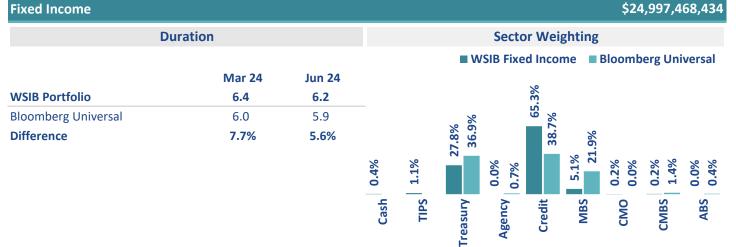
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\$24,997,468,434

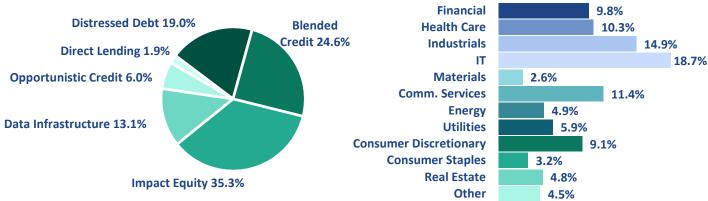
10.8%

Countries 25.9%



63.3%

\$1,951,450,161 **Industry Distribution**

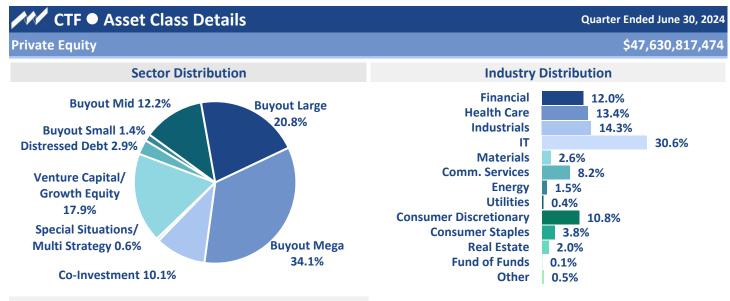


Unfunded Commitments: \$794.1 Million

Distribution charts and unfunded commitments are lagged one quarter.

Sector Distribution

Innovation

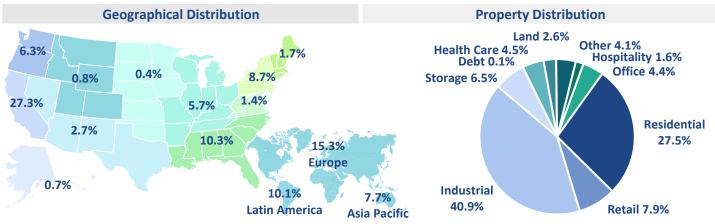


Unfunded Commitments: \$19.5 billion

Real Estate

\$32,123,759,255

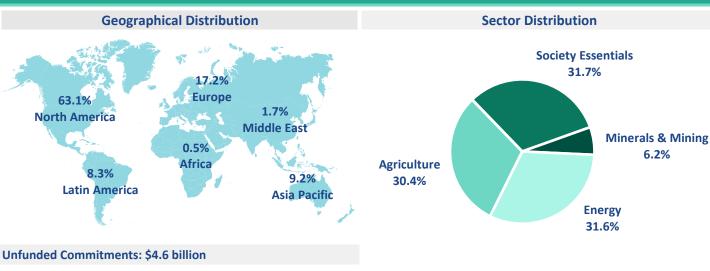
\$12,795,612,030



0.4% is spread across multiple U.S. regions. 0.6% is spread across multiple countries.

Tangible Assets Geographical Distribution 17.2% Europe 63.1% 1.7% **North America Middle Eas** 0.5% Africa Agriculture 8.3%

Unfunded Commitments: \$9.5 billion



Distribution charts and unfunded commitments are lagged one quarter.

✓ Defined Contribution Plans ● Plans 3 ● TRS and SERS

Teachers' Retirement System (TRS)

	% of Assets	Fund Options	Market Value	Quarterly Change
	63.2%	WSIB TAP	\$8,966,779,515	\$78,486,146
	0.8%	Socially Responsible Equity	106,820,160	1,563,060
	0.2%	Retirement Maturity Strategy	31,990,736	984,208
	0.4%	Retirement Strategy 2010	50,247,861	257,794
	0.7%	Retirement Strategy 2015	97,181,576	(693,813)
	1.5%	Retirement Strategy 2020	206,353,174	(1,612,501)
	3.2%	Retirement Strategy 2025	456,488,338	13,452,011
%	3.6%	Retirement Strategy 2030	506,704,955	10,527,447
19.0%	3.2%	Retirement Strategy 2035	450,674,694	14,426,385
7	2.2%	Retirement Strategy 2040	311,675,177	11,356,660
	1.5%	Retirement Strategy 2045	213,538,788	9,017,068
	1.2%	Retirement Strategy 2050	164,106,843	7,368,591
	1.0%	Retirement Strategy 2055	138,041,942	5,754,706
	0.4%	Retirement Strategy 2060	59,480,476	3,899,984
	0.1%	Retirement Strategy 2065	12,771,980	698,530
	9.5%	U.S. Large Stock	1,341,453,578	57,409,434
	1.3%	U.S. Small Value Stock	191,268,482	(8,761,890)
	1.4%	Global Equity	200,799,143	7,346,283
	0.4%	Emerging Markets Equity	59,720,045	3,430,072
	1.9%	WSIB Bond Market	267,168,271	2,411,512
	2.4%	STIF	343,861,759	10,832,862
		Total	\$14,177,127,490	\$228,154,548

School Employees' Retirement System (SERS)

	% of Assets	Fund Options	Market Value	Quarterly Change
	73.1%	WSIB TAP	\$2,246,067,750	\$11,322,680
	0.5%	Socially Responsible Equity	14,387,700	(70,331)
	0.2%	Retirement Maturity Strategy	5,865,327	(150,926)
	0.4%	Retirement Strategy 2010	13,752,357	63,930
	0.8%	Retirement Strategy 2015	23,320,711	(211,982)
	1.7%	Retirement Strategy 2020	50,937,283	588,335
	3.0%	Retirement Strategy 2025	91,780,997	(195,220)
%	2.2%	Retirement Strategy 2030	68,322,302	909,846
17.3%	2.3%	Retirement Strategy 2035	72,158,231	3,012,810
T	1.8%	Retirement Strategy 2040	55,160,995	2,322,894
	1.6%	Retirement Strategy 2045	48,461,050	2,226,536
	1.3%	Retirement Strategy 2050	40,741,677	2,288,372
	1.2%	Retirement Strategy 2055	36,655,039	1,451,899
	0.6%	Retirement Strategy 2060	19,468,010	466,635
	0.1%	Retirement Strategy 2065	4,346,881	603,882
	4.3%	U.S. Large Stock	133,279,041	5,628,182
	0.7%	U.S. Small Value Stock	20,343,351	(1,254,631)
	0.6%	Global Equity	18,912,015	903,408
	0.2%	Emerging Markets Equity	5,038,482	245,385
	0.8%	WSIB Bond Market	25,944,745	125,768
	2.5%	STIF	78,066,321	(761,829)
		Total	\$3,073,010,267	\$29,515,642

M De	efined Contribu	ition Plans Plans 3 PERS		Quarter Ended June 30, 20
blic Em	ployees' Retireme	nt System (PERS)		
	% of Assets	Fund Options	Market Value	Quarterly Change
	58.9%	WSIB TAP	\$3,128,704,938	\$23,561,598
	0.9%	Socially Responsible Equity	48,602,417	(426,572)
	0.2%	Retirement Maturity Strategy	11,235,806	238,694
	0.4%	Retirement Strategy 2010	23,330,974	(410,117)
	0.6%	Retirement Strategy 2015	33,874,628	(877,239)
	1.5%	Retirement Strategy 2020	78,553,157	(954,140)
	3.3%	Retirement Strategy 2025	177,309,867	4,608,741
~	3.3%	Retirement Strategy 2030	176,791,376	3,160,734
23.8%	3.3%	Retirement Strategy 2035	175,178,334	2,976,329
Ń	2.7%	Retirement Strategy 2040	143,825,074	5,367,147
	2.6%	Retirement Strategy 2045	140,345,627	5,819,119
	2.5%	Retirement Strategy 2050	131,233,234	5,906,331
	2.1%	Retirement Strategy 2055	110,227,394	4,940,049
	1.0%	Retirement Strategy 2060	51,986,887	2,612,658
	0.2%	Retirement Strategy 2065	11,530,675	1,039,016
	8.3%	U.S. Large Stock	441,508,312	23,530,967
	1.6%	U.S. Small Value Stock	86,555,760	(4,057,883)
	1.4%	Global Equity	75,915,307	3,664,699
	0.4%	Emerging Markets Equity	22,435,098	753,256
	1.2%	WSIB Bond Market	63,439,291	108,527
	3.3%	STIF	175,396,123	4,342,235
		Total	\$5,307,980,278	\$85,904,148

	Defined Contribution Plans • DCP and JRA
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Deferred Compensation Program (DCP)

	% of Assets	Fund Options	Market Value	Quarterly Change
	2.9%	Socially Responsible Equity	\$203,820,652	(\$1,177,449)
	1.0%	Retirement Maturity Strategy	71,917,376	(460,345)
	1.3%	Retirement Strategy 2010	90,856,888	(456,360)
	3.3%	Retirement Strategy 2015	232,393,353	(1,074,104)
	6.2%	Retirement Strategy 2020	441,570,600	(5,866,340)
	10.0%	Retirement Strategy 2025	709,886,482	(973,372)
%	9.8%	Retirement Strategy 2030	695,172,475	20,602,136
56.1%	7.9%	Retirement Strategy 2035	560,902,473	22,310,647
ŭ	5.4%	Retirement Strategy 2040	383,149,325	15,767,311
	4.2%	Retirement Strategy 2045	298,832,720	16,060,151
	2.9%	Retirement Strategy 2050	207,675,148	15,667,492
	2.1%	Retirement Strategy 2055	148,302,349	11,191,256
	1.3%	Retirement Strategy 2060	94,433,685	8,020,726
	0.5%	Retirement Strategy 2065	34,843,108	3,585,112
	16.3%	U.S. Large Stock	1,150,305,088	62,945,821
	3.9%	U.S. Small Value Stock	279,197,701	(15,069,374)
	3.8%	Global Equity	268,350,593	6,380,339
	1.1%	Emerging Markets Equity	79,631,554	3,613,175
	3.5%	WSIB Bond Market	250,967,537	2,775,885
	12.4%	WSIB Savings Pool	874,448,214	(15,379,604)
		Total	\$7,076,657,322	\$148,463,103

Judicial Retirement Account (JRA)

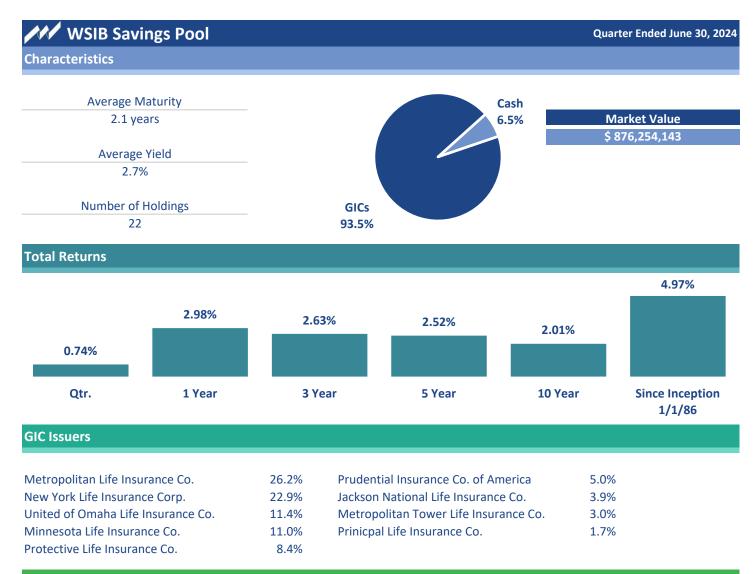
	% of Assets	Fund Options	Market Value	Quarterly Change
	4.8%	Socially Responsible Equity	\$392,596	\$11,321
	0.6%	Retirement Maturity Strategy	51,975	648
	3.9%	Retirement Strategy 2010	319,968	(1,595)
	13.5%	Retirement Strategy 2015	1,098,313	14,155
	14.5%	Retirement Strategy 2020	1,182,152	(35,887)
	5.3%	Retirement Strategy 2025	431,077	(24,758)
%	3.3%	Retirement Strategy 2030	264,548	(82,048)
41.9%	0.7%	Retirement Strategy 2035	60,517	941
4	0.0%	Retirement Strategy 2040	0	0
	0.0%	Retirement Strategy 2045	0	0
	0.0%	Retirement Strategy 2050	0	0
	0.0%	Retirement Strategy 2055	0	0
	0.0%	Retirement Strategy 2060	0	0
	0.0%	Retirement Strategy 2065	0	0
	20.6%	U.S. Large Stock	1,676,837	50,841
	4.1%	U.S. Small Value Stock	337,164	(14,566)
	6.3%	Global Equity	512,032	10,383
	1.4%	Emerging Markets Equity	114,914	4,710
	2.2%	WSIB Bond Market	178,589	(3,109)
	18.6%	WSIB Savings Pool	1,513,223	(48,262)
		Total	\$8,133,905	(\$117,227)

Det Det	fined Co	ontri	butio	n Pla	ns 🔍	Perfo	ormance				Quarter E	nded June	30, 202
One Year R	eturns												
7% 6%	%	%	20	\ 0		_	%					Fund	Index
24.57%	18.57%	18.40%	12.08%	13.56%	10.88%	10.90%	N/A 19.38%		5.70%	5.46%	2.98%	5.75%	5.60%
U.S. Large Stock	Glob Equit		Emer Markets			Small Stock	Socially Responsible Equity		Mon Mark	· ·	Savings Pool		3 Bond arket
quity Retu	urns												
J.S. Large St	tock				Qtr. 4.28%		1 Year 24.57%	3 Year 10.02%			Year 5.08%	10 Ye 12.9	
&P 500					4.28%		24.56%	10.01%		15	5.05%	12.8	5%
Global Equit	-				2.45%		18.57%	4.99%).67%	8.59	
ASCI ACWI I	MI				2.38%		18.40%	4.70%		1(0.36%	8.17	'%
merging Ma		ity			4.76%		12.08%	-4.55%		_	.58%	2.88	
ASCI EM IM	I				5.13%		13.56%	-4.11%		3	.93%	3.09	%
J.S. Small Va	alue Stock			-	3.60%		10.88%	-0.47%		7	.16%	6.40	%
Russell 2000	Value			-	3.64%		10.90%	-0.53%		7	.07%	6.23	%
					Qtr.		1 Year	3 Year		5	Year	Since Inc	eptio
ocially Resp	ponsible Ec	quity			N/A		N/A	N/A			N/A	6.48	
ASCI ACWI					2.87%		19.38%	5.43%		1(0.76%	6.38	\$%
ixed Incon	ne Return	IS											
					Qtr.		1 Year	3 Year		5	Year	10 Ye	ear
VSIB Bond I	Market				0.78%		5.75%	-0.39%		1	.70%	2.55	%
loomberg I	ntermedia	te Cre	dit		0.73%		5.60%	-0.80%		1	.32%	2.20	1%
ash Retur	ns												
					Qtr.		1 Year	3 Year			Year	10 Ye	
STIF (Plan 3)					1.39%		5.70%	3.37%			.38%	1.74	
0 Day TBill					1.33%		5.46%	3.10%		2	.20%	1.54	%
NSIR Saving	s Pool (DC	P)			0.74%		2.98%	2.63%		2	.52%	2.01	.%

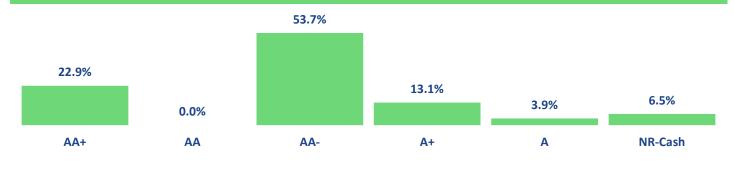
Since Inception for Socially Responsible Equity: 4/30/24

Returns shown are after manager and portfolio expenses but before the WSIB and record keeping fees.

M Defined Contributio	n Plans Per	formance		Quarte	er Ended June 30, 2024
One Year Returns					
8.50% 13.88% 8.75% 9.40% 9.66% 10.00% 10.95%	11.14% 12.27% 12.22% 13.50%	13.14% 14.46% 13.93% 15.52%	14.61% 16.38% 14.96% 16.63%	15.09% 16.67% 15.12% 16.67%	15.09% 16.67% 15.13% 16.67%
WSIB TAP RMS 2010 2015	2020 2025	2030 2035	2040 2045	2050 2055	2060 2065
					■ Fund 🔳 Index
Balanced Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
WSIB TAP Fund (Plan 3) Custom Benchmark	1.47% 1.75%	8.50% 13.88%	6.36% 2.71%	9.94% 7.53%	8.89% 6.52%
	1.73%	13.88%	2.71/0	7.55%	0.3270
Retirement Maturity Strategy	1.29%	8.75%	1.73%	4.79%	4.32%
Composite Index	1.37%	9.40%	1.63%	4.53%	4.01%
Retirement Strategy 2010	1.29%	8.76%	1.79%	5.46%	5.01%
2010 Composite Index	1.38%	9.66%	1.63%	5.06%	4.67%
Retirement Strategy 2015	1.34%	10.00%	2.21%	6.42%	5.76%
2015 Composite Index	1.44%	10.95%	2.02%	5.94%	5.37%
Retirement Strategy 2020	1.40%	11.14%	2.62%	7.34%	6.41%
2020 Composite Index	1.52%	12.27%	2.40%	6.78%	5.98%
Potizomant Stratagy 2025	1.42%	12.22%	2.99%	7.94%	6.85%
Retirement Strategy 20252025 Composite Index	1.58%	13.50%	2.80%	7.39%	6.42%
Retirement Strategy 2030 2030 Composite Index	1.46% 1.65%	13.14% 14.46%	3.55% 3.16%	8.55% 7.92%	7.27% 6.80%
2050 composite index	1.05%	14.40%	5.10%	7.92%	0.80%
Retirement Strategy 2035	1.61%	13.93%	3.85%	8.95%	7.54%
2035 Composite Index	1.79%	15.52%	3.60%	8.48%	7.16%
Retirement Strategy 2040	1.79%	14.61%	4.18%	9.38%	7.81%
2040 Composite Index	1.93%	16.38%	3.95%	8.98%	7.45%
Retirement Strategy 2045	1.79%	14.96%	4.16%	9.57%	7.93%
2045 Composite Index	1.94%	16.63%	4.01%	9.25%	7.61%
Retirement Strategy 2050	1.67%	15.09%	4.17%	9.59%	7.94%
2050 Composite Index	1.87%	16.67%	4.05%	9.32%	7.65%
Retirement Strategy 2055	1.69%	15.12%	4.18%	9.62%	7.96%
2055 Composite Index	1.87%	16.67%	4.05%	9.32%	7.65%
Potiromont Stratomy 2060	1 670/	15 00%	1 1 60/	0 50%	NI / A
Retirement Strategy 2060 2060 Composite Index	1.67% 1.87%	15.09% 16.67%	4.16% 4.05%	9.59% 9.32%	N/A N/A
Retirement Strategy 2065 2065 Composite Index	1.75% 1.87%	15.13% 16.67%	4.18% 4.05%	N/A	N/A
	1.8/%	10.0/%	4.05%	N/A	N/A

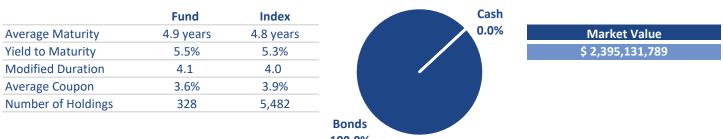


S&P Rating Distribution



WSIB Bond Market Fund

Characteristics

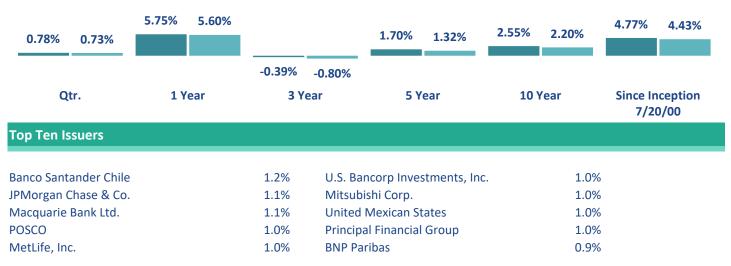


100.0%

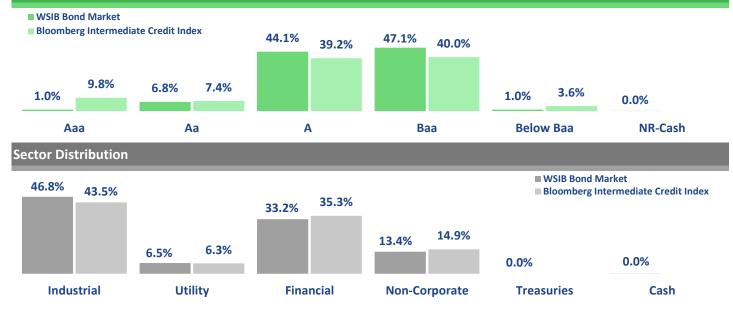
Total Returns

WSIB Bond Market

Bloomberg Intermediate Credit Index



Moody's Equivalent Rating Distribution



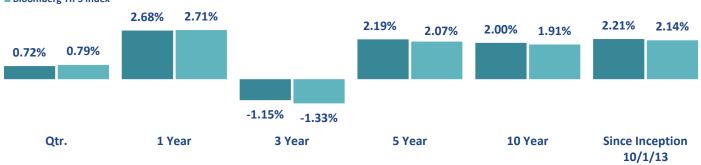
WSIB TIPS Fund

Characteristics

Yield to Maturity2.3%2.2%Modified Duration6.66.5Average Coupon1.0%1.0%		Fund	Index
Modified Duration6.66.5Average Coupon1.0%1.0%	Average Maturity	7.2 years	7.1 years
Average Coupon 1.0% 1.0%	Yield to Maturity	2.3%	2.2%
	Modified Duration	6.6	6.5
Number of Holdings 45 48	Average Coupon	1.0%	1.0%
	Number of Holdings	45	48

Total Returns

- WSIB TIPS
- Bloomberg TIPS Index



All Labor & Indus	tries' Funds			Quarter	Ended June 30, 202
Accident					
Total	\$7,163,183,028				
Equity	\$1,293,990,891	Equity		Fixed Income	Real Esta
Fixed Income	\$5,797,283,810	18.06%		80.93%	1.00%
Real Estate	\$71,908,328				
Medical Aid					
Total	\$7,325,424,949				
Equity	\$1,719,722,786	Equity		Fixed Income	Real Estate
Fixed Income	\$5,533,393,084	23.48%		75.54%	0.99%
Real Estate	\$72,309,079				
Pension Reserve					
Total	\$5,346,391,873				
Equity	\$603,592,102	Equity	Fi	ixed Income	Real Estat
Fixed Income	\$4,688,073,497	11.29%		87.69%	1.02%
Real Estate	\$54,726,274				
Supplemental Pension					
Total	\$197,376,864				
Fixed Income	\$197,376,864			ncome .00%	
Labor and Industries' Sta		un c ¹	_	_	_
	accounting Retur	Qtr.	1 Year	3 Year	5 Year
Accident Fund		1.09%	5.41%	3.34%	5.12%
Medical Aid		1.19%	6.22%	3.27%	5.12%
Pension Reserve		0.98%	4.70%	3.56%	4.80%
Supplemental Pension		1.23%	4.64%	2.57%	2.21%
Duration					
		CMI	Target	Actual	% Difference
Accident Fund		6.51	7.00	6.69	-4.50%
Medical Aid		5.63	6.00	5.92	-1.32%
				-	

¹Uses net income, realized and unrealized gains and losses on equity securities, and realized gains and losses on fixed income in the numerator. The denominator uses book value for fixed income securities and market value for equities. Below investment grade fixed income securities are carried at the lower of book or market value.

9.24

10.00

9.25

Pension Reserve

-7.49%

Labor & Industries' Funds Performance Quarter Ended June Quarter Ended June Quarter Ended June							
Total Returns							
	Qtr.	1 Year	3 Year	5 Year	10 Year		
Accident	0.39%	5.92%	-1.03%	2.51%	3.27%		
CMI	0.48%	6.35%	-1.27%	2.20%	3.10%		
Medical Aid	0.68%	7.03%	-0.23%	3.16%	3.54%		
CMI	0.75%	7.51%	-0.33%	2.94%	3.41%		
Pension Reserve	-0.37%	3.54%	-3.48%	0.96%	2.71%		
CMI	-0.33%	4.54%	-3.45%	0.85%	2.49%		
Supplemental Pension	1.32%	5.30%	2.16%	2.01%	1.65%		
CMI	N/A	N/A	N/A	N/A	N/A		
Equity Returns							
	Qtr.	1 Year	3 Year	5 Year	10 Year		
Accident	2.48%	18.65%	5.02%	10.66%	8.76%		
Medical Aid	2.47%	18.65%	5.01%	10.67%	8.78%		
Pension Reserve	2.35%	18.51%	4.98%	10.66%	8.76%		
Equity Benchmark	2.45%	18.72%	4.99%	10.67%	8.72%		
Fixed Income Returns							
	Qtr.	1 Year	3 Year	5 Year	10 Year		
Accident	-0.04%	3.73%	-2.22%	0.72%	2.20%		
CMI	0.05%	3.89%	-2.65%	0.34%	1.95%		
Medical Aid	0.17%	4.17%	-1.67%	0.91%	2.14%		
CMI	0.23%	4.35%	-1.99%	0.58%	1.89%		
Pension Reserve	-0.71%	1.88%	-4.51%	-0.32%	1.89%		
CMI	-0.71%	2.69%	-4.56%	-0.46%	1.65%		
Supplemental Pension	1.32%	5.30%	2.16%	2.01%	1.65%		
CMI	N/A	N/A	N/A	N/A	N/A		
Real Estate Returns							
	Qtr.	1 Year	3 Year	5 Year	10 Year		
Accident	-0.53%	-7.62%	1.47%	N/A	N/A		
Medical Aid	-0.50%	-7.41%	1.53%	N/A	N/A		
Pension Reserve	-0.52%	-7.53%	1.50%	N/A	N/A		
Real Estate Benchmark	1.47%	6.00%	6.00%	N/A	N/A		

Equity Benchmark: MSCI ACWI IMI w/U.S. Gross and custom historical blends. Real Estate Benchmark: Rolling 6% across all annualized time periods.

M Permanent	Funds		Quarter Ended June 30, 20
Agricultural			
Total Equity Fixed Income Cash	\$308,914,333 \$133,309,697 \$174,914,433 \$690,204	Equity 43.2%	Fixed Income 56.8%
Normal School			
Total Equity Fixed Income Cash	\$347,833,476 \$148,856,095 \$198,974,294 \$3,087	Equity 42.8%	Fixed Income 57.2%
Scientific Permanent			
Total Equity Fixed Income Cash	\$345,337,978 \$148,601,689 \$196,623,188 \$113,101	Equity 43.0%	Fixed Income 57.0%
State University			
Total Equity Fixed Income Cash	\$47,498,713 \$20,486,524 \$26,990,221 \$21,968	Equity 43.1%	Fixed Income 56.9%
Common School			
Total Equity Fixed Income Cash	\$265,460,558 \$114,404,079 \$151,027,485 \$28,995	Equity 43.1%	Fixed Income 56.9%
American Indian Scho	larship Endowment Fund (AIS	SEF)	
Total Fixed Income Cash	\$326,989 \$304,857 \$22,131		l Income Cash 3.2% 6.8%

Permanent Funds	Quarter	Ended June 30, 2			
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	1.17%	9.93%	1.33%	4.91%	4.94%
Custom Benchmark	0.90%	9.11%	0.69%	4.36%	4.71%
Normal School	1.15%	9.94%	1.36%	4.93%	4.94%
Custom Benchmark	0.90%	9.11%	0.69%	4.36%	4.70%
Scientific Permanent	1.16%	9.90%	1.31%	4.90%	4.93%
Custom Benchmark	0.90%	9.11%	0.69%	4.37%	4.72%
State University	1.16%	9.94%	1.37%	4.93%	4.94%
Custom Benchmark	0.90%	9.11%	0.69%	4.36%	4.71%
Common School	1.16%	9.94%	1.35%	4.91%	4.93%
Custom Benchmark	0.90%	9.11%	0.69%	4.35%	4.69%
AISEF	0.08%	2.99%	-2.12%	0.41%	1.65%
Custom Benchmark	0.07%	2.63%	-3.02%	-0.28%	1.28%
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	2.75%	20.43%	6.67%	11.50%	10.32%
Iormal School	2.75%	20.43%	6.67%	11.50%	10.32%
cientific Permanent	2.75%	20.43%	6.67%	11.50%	10.32%
tate University	2.75%	20.43%	6.67%	11.50%	10.32%
Common School	2.75%	20.43%	6.67%	11.50%	10.32%
Custom Benchmark	2.13%	19.27%	5.99%	11.43%	10.52%
ixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	-0.01%	2.88%	-2.37%	0.35%	1.66%
Iormal School	-0.01%	2.88%	-2.37%	0.35%	1.66%
cientific Permanent	-0.01%	2.88%	-2.37%	0.35%	1.66%
tate University	-0.01%	2.88%	-2.37%	0.35%	1.66%
Common School	-0.01%	2.88%	-2.37%	0.35%	1.66%
AISEF	-0.01%	2.88%	-2.37%	0.35%	1.66%
loomberg Aggregate	0.07%	2.63%	-3.02%	-0.23%	1.35%
Cash Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
AISEF	1.30%	5.34%	3.04%	2.09%	1.43%
90 Day Tbill	1.33%	5.46%	3.10%	2.20%	1.54%

Total Return Benchmarks (except AISEF): 60% Bloomberg Aggregate and 40% MSCI World IMI w/ U.S. gross and a mix of historical blends.

AISEF Total Return Benchmark: 100% Bloomberg Aggregate and historical blends.

Equity Benchmark: MSCI World IMI w/ U.S. Gross and historical blends.

GET and DDETF Market Values and Performance

Guaranteed Education Tuition (GET)

Total Equity Fixed Income Cash	\$1,754,006,065 \$767,528,960 \$974,055,193 \$12,421,911	Equity 43.8%		\$767,528,960 Equity Fixed Income and Ca \$974,055,193 43.8% 56.2%		
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Total	1.53%	11.15%	2.00%	5.90%	5.31%	
Passive Benchmark	1.43%	10.81%	1.68%	5.48%	5.09%	
Inflation CPI + 2.5%	0.88%	5.48%	7.47%	6.67%	5.31%	
Equity	2.51%	18.83%	5.29%	10.79%	8.61%	
Custom Benchmark	2.45%	18.72%	4.99%	10.67%	8.49%	
Fixed Income	0.78%	5.75%	-0.39%	1.71%	2.29%	
Custom Benchmark	0.73%	5.60%	-0.80%	1.32%	2.06%	

Developmental Disabilities Endowment Trust Fund (DDETF)

Private Total Balanced Fund Cash	\$109,535,934 \$109,519,098 \$16,836			Balanced Fund 100.0%	
State Total Equity Fixed Income Cash	\$14,146,799 \$5,140,804 \$9,005,031 \$964	Equity 36.3%		Fixed Income and 63.7%	Cash
Total Private	Qtr. 2.07%	1 Year 14.90%	3 Year 3.64%	5 Year 8.48%	10 Year 7.94%
Balanced Fund	2.07%	14.86%	3.62%	8.48%	7.94%
Balanced Fund Benchmark	2.00%	14.71%	3.80%	8.78%	8.15%
Total State	1.35%	10.28%	1.72%	5.20%	4.35%
Inflation CPI	0.26%	2.98%	4.97%	4.17%	2.81%
State Equity	2.48%	18.78%	5.24%	10.79%	8.66%
Custom Benchmark	2.45%	18.72%	4.99%	10.67%	8.53%
State Fixed Income	0.78%	5.75%	-0.39%	1.69%	2.36%
Custom Benchmark	0.73%	5.60%	-0.80%	1.32%	2.06%

GET Benchmarks: Equity: MSCI ACWI IMI w/U.S. Gross and a historical blend, Fixed Income: Bloomberg Intermediate Credit and a historical blend. DDETF Balanced Fund benchmark: 60% CRSP U.S. Total Market Index & 40% Bloomberg U.S. Aggregate and a historical blend. DDETF State Benchmarks: Equity: MSCI ACWI IMI w/U.S. Gross and a historical blend, Fixed Income: Bloomberg Intermediate Credit and a historical blend.

VFFRO and LTSS Market Values and Performance

Quarter Ended June 30, 2024

Volunteer Firefighters' and Reserve Officers' Relief Fund (VFFRO)

VFF Total Equity Fixed Income Cash	\$257,343,391 \$189,991,771 \$66,970,537 \$381,083		Equity 73.8%		Fixed Income and Cash 26.2%
Cash	2201,002				
RO Total Equity Fixed Income Cash	\$3,883,477 \$2,832,559 \$1,019,856 \$31,062		Equity 72.9%		Fixed Income and Cash 27.1%
	Qtr.	1 Year	3 Year	5 Year	Since Inception
VFF Total	1.99%	14.92%	2.54%	3.31%	7.89%
Custom Benchmark	1.94%	14.76%	3.21%	3.57%	6.89%
VFF Equity	2.41%	18.56%	N/A	N/A	4.04%
MSCI ACWI IMI w/ U.S. Gross	2.45%	18.72%	N/A	N/A	3.98%
VFF Fixed Income	0.77%	5.75%	N/A	N/A	-0.32%
Bloomberg Intermediate Credit	0.73%	5.60%	N/A	N/A	-0.68%
RO Total	1.44%	N/A	N/A	N/A	11.62%
Custom Benchmark	1.94%	N/A	N/A	N/A	11.58%
RO Equity	1.70%	N/A	N/A	N/A	14.00%
MSCI ACWI IMI w/ U.S. Gross	2.45%	N/A	N/A	N/A	14.33%
RO Fixed Income	0.77%	N/A	N/A	N/A	5.27%
Bloomberg Intermediate Credit	0.73%	N/A	N/A	N/A	5.04%

Long-Term Services and Supports Trust Account (LTSS)

LTSS Total Fixed Income	\$945,855,544 \$945,855,544	Fixed Income 100.0%				
LTSS Total	Qtr. 0.10%	1 Year N/A	3 Year N/A	5 Year N/A	Since Inception 2.78%	
Bloomberg Universal	0.19%	N/A	N/A	N/A	4.70%	

VFF & RO Total Fund benchmark: 30% Bloomberg Intermediate Credit & 70% MSCI ACWI IMI w/U.S. Gross and a historical blend. Since Inception for VFF: Total 7/1/92, Equity 11/23/21, Fixed Income 11/22/21. Since Inception for RO: Total, Equity, and Fixed Income 8/1/23. Since Inception for LTSS: Fixed Income 11/20/23.

wsos				Quarter Ended June 30, 2	
Vashington State Oppo	ortunities Scholarship (WSC	S) Private and State	Match Assets (\$ Mil	lions)	
Scholarship	Endowment	Student Supp	ort Pathways Adv	Advanced Degrees Pathways	
90 50 Priva 50 State	\$0 State	\$60 \$30 \$0 State	\$2 Private پیش ²⁶ من	Private State	
cholarship					
rivate Total quity ixed Income ash	\$60,001,774 \$18,888,909 \$41,041,102 \$71,762	Equity 31.5%			
tate Match Total ash	\$0 \$0				
ndowment					
rivate Total quity ixed Income ash	\$7,418,528 \$6,134,188 \$1,282,905 \$1,435		Equity 82.7%		
tate Match Total ash	\$640,189 \$640,189				
tudent Support Pathw	ays				
rivate Total quity ixed Income ash	\$27,494,166 \$8,241,243 \$19,133,036 \$119,887	Equity 30.0%	Fixed Income and Cash 70.0%		
t ate Match Total ash	\$1,911,427 \$1,911,427				
dvanced Degrees Path	ways				
rivate Total quity xed Income ash	\$481,929 \$145,905 \$336,020 \$3	Equity 30.3%	Fixed In	come and Cash 69.7%	
t ate Match Total ash	\$375,053 \$375,053				

Total Returns					
			• • •		
Cabalayahin	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship Private	1.32%	9.48%	1.52%	4.22%	4.89%
Private Benchmark	1.25%	9.50%	1.29%	4.03%	4.83%
	1.2070	0.0070		110070	1.0070
State Match	N/A	N/A	N/A	0.24%	0.53%
State Match Benchmark	1.33%	5.46%	3.10%	2.20%	1.61%
Endowment					
Private	2.20%	16.25%	3.98%	8.21%	7.49%
Private Benchmark	2.11%	16.08%	3.95%	8.91%	7.80%
State Match	1.30%	5.33%	3.04%	2.08%	1.49%
State Match Benchmark	1.33%	5.46%	3.10%	2.20%	1.61%
Student Support Pathways Private	1.32%	9.81%	1.62%	N/A	4.19%
Private Benchmark	1.25%	9.50%	1.29%	N/A	3.71%
	1.2370	3.3070	1.2370	-	3.7 170
State Match	1.30%	5.33%	3.04%	N/A	2.09%
State Match Benchmark	1.33%	5.46%	3.10%	N/A	2.21%
Advanced Degrees Pathways					
Private	1.28%	9.74%	5.64%	N/A	4.60%
Private Benchmark	1.25%	9.50%	5.46%	N/A	4.46%
State Match	1.30%	5.33%	3.04%	N/A	2.77%
State Match Benchmark	1.33%	5.46%	3.10%	N/A	2.83%
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship	2.51%	18.72%	5.01%	10.61%	9.11%
Endowment	2.50%	18.72%	4.99%	10.80%	9.10%
Student Support Pathways	2.48%	18.66%	4.96%	N/A	10.89%
Advanced Degree Pathways	2.56%	18.46%	N/A	N/A	22.46%
MSCI ACWI IMI w/ U.S. Gross	2.45%	18.72%	4.99%	10.67%	
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship	0.77%	5.75%	-0.40%	1.68%	2.59%
Endowment	0.77%	5.75%	-0.40%	1.69%	2.60%
Student Support Pathways	0.77%	5.75%	-0.38%	N/A	1.37%
Advanced Degree Pathways	0.77%	5.75%	N/A	N/A	5.25%
Bloomberg Intermediate Credit	0.73%	5.60%	-0.80%	1.32%	

Scholarship and Student Support Pathways Benchmarks: Private 30% MSCI ACWI IMI w/U.S. Gross & 70% Bloomberg Intermediate Credit, State Match 90 Day Tbill. Endowment Benchmarks: Private 80% MSCI ACWI IMI w/U.S. Gross & 20% Bloomberg Intermediate Credit, State Match 90 Day Tbill. Advanced Degrees Pathways Benchmarks: Private 30% MSCI ACWI IMI w/U.S. Gross & 70% Bloomberg Intermediate Credit, State Match 90 Day Tbill. Since Inception for Scholarship and Endowment: Private 10/1/14, State Match 11/25/14.

Since Inception for Student Support Pathways: Private and State Match 11/27/19.

Since Inception for Advanced Degree Pathways: Private 10/30/20 and State Match 3/19/21.