Investment Reports

Quarterly Report – June 30, 2023

Total Assets Under Management	
Capital Markets	
Commingled Trust Fund (CTF)	
Defined Contribution Plans	10-14
Daily Priced Investment Options	15-17
Labor & Industries' Funds	
Permanent Funds	20-21
Other Funds	

Total Assets Under Management

Stakeholder Overview

Labor & Industries' Funds \$19 B, 10.0%

Permanent Funds \$1.2 B, 0.6%

Other Funds \$1.9 B, 1.0%

\$189,962,943,895

WSIB invests for 38 funds:

17 Retirement Funds

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

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

\$43.9
\$10.8
\$32.8
\$54.1
\$44.9
\$1.7
\$1.8

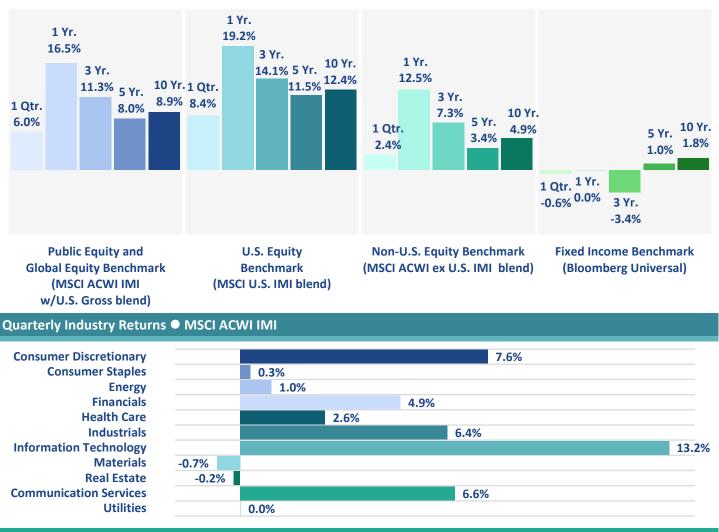
Retirement Funds (CTF, VFFRO, and Defined Contribution) \$167.9 B, 88.4%

Asset Class Overview for All Funds

Cash 1.1%		Cash 0.1%	
Innovation 1.0%			Cash 3.3%
	Public Equity 16.5%		
Private Equity 26.7%	Real Estate 0.4%		
		Public Equity 43.1%	Public Equity 43.1%
Public Equity 28.8%			
	Fixed Income 83.2%		
Real Estate 19.5%			
		Fixed Income 56.8%	Fixed Income 53.6%
Tangible Assets 6.4%			
Fixed Income 16.5%			
Retirement Funds (CTF, VFFRO, and Defined	Labor & Industries' Funds	Permanent Funds	Other Funds

Contribution)

Index Returns



Capital Market Highlights

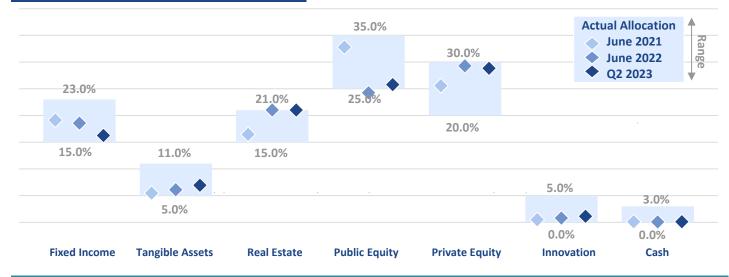
- Global equity markets ended a high note for the second quarter of 2023, posting very strong returns in June
- The MSCI Developed World IMI index returned 6.4% for the quarter, bringing the 1-year return to 17.9%
- Emerging markets trailed well behind developed markets this quarter, returning 1.6%, which brought the 1-year return to 3.2%
- U.S. inflation (as measured by the Consumer Price Index) declined from the prior quarter and is 3% for the trailing 12 months (the smallest annual increase since March 2021)
- The Federal Reserve raised the target once during second quarter, bringing the rate up 25bps to 5.25% in May and holding rates steady in June
 - The Committee is divided on whether further rate increases will be necessary in the future
- U.S. interest rates increased during the quarter with the U.S. 10-year Treasury yield jumping by 0.4% to 3.8%
- Bloomberg Universal index returned -0.6% for the quarter, down from 2.9% the prior quarter

CTF • Allocation & Historical

Quarter Ended June 30, 2023

Actual Asset Allocation

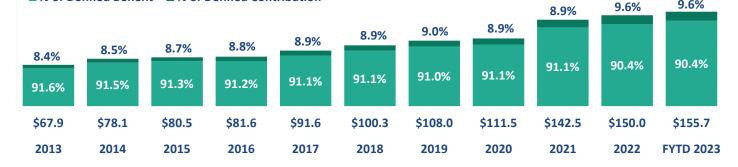
Asset Class	Market Value	by Asset Class	with Overlay	Market Value Change
Fixed Income	\$23,798,726,186	15.3%	16.2%	
Tangible Assets	\$10,790,642,441	6.9%	6.9%	Quarter
Real Estate	\$32,706,925,398	21.0%	21.0%	\$3,356,021,922
Public Equity	\$39,982,764,661	25.7%	25.8%	
Private Equity	\$44,895,604,404	28.8%	28.8%	Fiscal Year
Innovation	\$1,746,898,401	1.1%	1.1%	\$5,697,966,893
Cash	\$1,759,218,260	1.1%	0.1%	
Total Fund	\$155,680,779,751			





Historical Growth of the CTF ● Fiscal Years Ended June 30





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

9.6%

CTF • Pefor				Qua	irter Ended Ju	ne 30, 2023		
			Qtr.	1 Year	3 Year	5 Year	10 Year	20 Year
Total Fund	\$155,680,779,751	100.0%	2.43%	5.24%	12.59%	9.91%	9.72%	9.02%
Passive Benchmark ²			3.92%	11.31%	6.71%	6.04%	6.88%	6.96%
Implementation Value Ad	dded Benchmark ³		3.44%	4.26%	9.58%	7.41%	8.24%	
TUCS Public Fund >\$1B N	/ledian ⁴		2.77%	7.82%	8.90%	7.01%	7.81%	
TUCS Public/Corporate F	und >\$1B Median ⁴		2.39%	6.84%	8.53%	6.71%	7.56%	
Fixed Income	\$23,798,726,186	15.3%	0.07%	1.91%	-2.48%	2.04%	2.35%	3.94%
Bloomberg Universal			-0.59%	-0.04%	-3.43%	0.98%	1.80%	3.31%
Tangible Assets ⁵	\$10,790,642,441	6.9%	1.82%	7.35%	11.32%	7.27%	6.40%	
CPI (Lagged One Quarter) + 400 bps		1.94%	8.99%	9.35%	7.87%	6.65%	
Real Estate ⁵	\$32,706,925,398	21.0%	-0.67%	5.31%	18.85%	14.52%	13.52%	11.50%
8% Return Over Rolling 10 Years							8.00%	
NCREIF (Lagged One Qua	irter)		-1.81%	-1.63%	7.15%	6.71%	8.34%	8.43%
Public Equity ⁶	\$39,982,764,661	25.7%	6.49%	16.93%	11.52%	8.11%	9.15%	8.43%
Custom Benchmark			5.96%	16.49%	11.26%	7.96%	8.94%	8.38%
Private Equity ⁵	\$44,895,604,404	28.8%	2.66%	-2.79%	21.93%	15.23%	14.49%	14.26%
Custom Benchmark ⁹			7.82%	-4.41%	18.95%	9.88%	11.27%	10.84%
Innovation ⁵	\$1,746,898,401	1.1%	4.28%	3.86%	17.65%	12.32%	0.17%	
Custom Benchmark ⁷			4.53%	3.39%	12.42%	8.47%	5.50%	
Overlay ⁸	\$254,273,474		0.00%	0.04%	-0.02%	0.01%	0.04%	0.05%
Cash	\$1,504,944,786	1.1%	1.31%	4.06%	1.45%	1.68%	1.12%	1.45%

Outperformed the Composite Benchmark

Underperformed the Composite Benchmark

3.74%

1.32%

1.59%

1.01%

1.38%

1.22%

90 Day T-Bills

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.

CTF					
Global Markets				\$12,48	35,813,122
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Global	6.58%	17.15%	10.95%	8.84%	10.22%
MSCI ACWI IMI w/ U.S. Gross	5.96%	16.49%	11.26%	7.96%	8.94%
Arrowstreet Capital	8.69%	18.42%	17.01%	12.26%	13.05%
BLS Capital	-0.02%				
GQG Partners	10.38%	9.99%			
LSV Asset Management	3.70%	14.62%			
Mawer	5.94%				
Sands	4.86%	26.55%			
William Blair & Company	6.97%	22.13%	8.87%	8.93%	10.88%
Non-U.S. Markets				\$10,83	3,418,860
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Non-U.S. Equity	3.61%	13.60%	8.63%	3.63%	4.86%
Custom Benchmark	2.38%	12.47%	7.33%	3.38%	4.88%
Total Developed	2.89%	15.56%	9.39%	4.28%	5.69%
Custom Benchmark	2.67%	16.35%	8.87%	4.17%	5.46%
SSgA	2.90%	16.87%	9.35%	4.65%	5.97%
Total Emerging	5.15%	9.74%	6.98%	2.15%	2.65%
Custom Benchmark	1.62%	3.19%	3.60%	1.42%	3.16%
BlackRock Trust Company EM IMI	1.49%	2.86%	3.25%	1.18%	
Brandes Investment Partners	5.37%	25.07%	10.95%	2.34%	
GQG Partners	10.67%	10.91%	7.56%		
LSV Asset Management	5.43%	13.32%	11.68%		
тті	1.21%	-1.99%	1.20%		
U.S. Markets				\$16,66	51,515,906
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total U.S. Equity	8.39%	19.23%	14.12%	11.17%	12.17%
MSCI U.S. IMI (Gross)	8.39%	19.20%	14.09%	11.55%	12.44%
BlackRock Trust Company	8.39%	19.23%	14.15%	11.59%	12.49%

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.

✓✓✓ CTF ● Public Equity			
Global Markets			
Arrowstreet Capital	\$4,229,729,960	33.9%	
BLS Capital	\$1,314,568,197	10.5%	
GQG Partners	\$1,718,005,424	13.8%	
LSV Asset Management	\$1,557,796,420	12.5%	
Mawer	\$1,295,311,216	10.4%	
Sands	\$777,934,725	6.2%	
William Blair & Company	\$947,741,565	7.6%	
Non-U.S. Markets			
Developed			
SSgA	\$7,331,497,958	99.9%	
			•
Emerging			
BlackRock Trust Company EM IMI	\$816,656,724	23.4%	
Brandes Investment Partners	\$649,494,461	18.6%	
GQG Partners	\$837,535,628	24.0%	
LSV Asset Management	\$779,704,514	22.3%	
ТТІ	\$408,121,212	11.7%	
U.S. Markets			
	_		
BlackRock Trust Company	\$16,661,515,906	100.0%	

Transition Accounts for Public Equity

\$657,150,752

CTF	ails		Quarte	r Ended June 30, 2023
Public Equity				\$39,982,764,661
Top Ten Geographies	by Weight		Top Ten Holdings	
United States	58.7%	Apple Inc.		3.5%
Japan	6.2%	Microsoft Corp.		3.4%
United Kingdom	4.4%	Alphabet Inc.		2.1%
China	3.4%	Amazon.com Inc.		1.6%
France	3.1%	NVIDIA Corp.		1.5%
Canada	2.4%	Meta Platforms Inc.	1	1.2%
India	2.1%	UnitedHealth Group	o Inc	1.0%
Switzerland	2.1%	Novo Nordisk A/S		0.8%
Netherlands	2.0%	Visa Inc.		0.8%
Germany	2.0%	Tesla, Inc.		0.7%
WSIB	U.S. 58.7%		Other Developed Countries 29.4%	Emerging 11.9%
MSCI ACWI IMI w/U.S.	U.S.		Other Developed	Emerging

Gross

Fixed Income

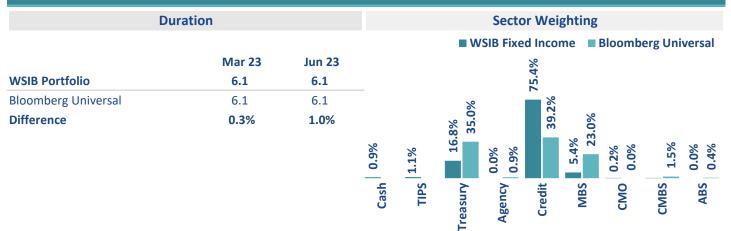
\$23,798,726,186

\$1,746,898,401

10.9%

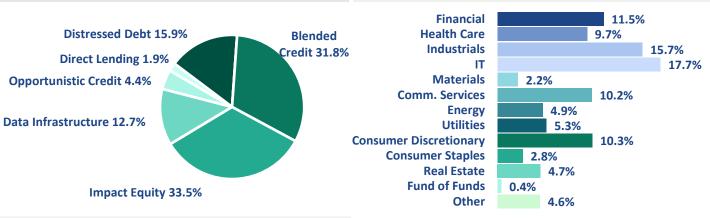
Countries 28.2%

Industry Distribution



60.9%

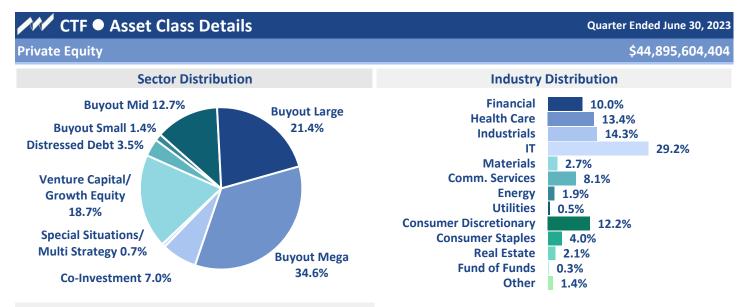
Innovation



Unfunded Commitments: \$1.0 Billion

Distribution charts and unfunded commitments are lagged one quarter.

Sector Distribution



Unfunded Commitments: \$19.1 billion

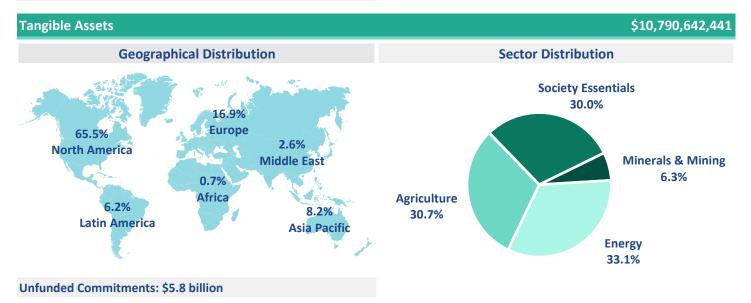
Real Estate





0.8% is in loan portfolios spread across multiple U.S. regions. 0.7% is spread across multiple countries.

Unfunded Commitments: \$10.7 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
	65.0%	WSIB TAP	\$8,494,494,048	\$190,480,853
	0.8%	Socially Responsible Balanced	102,679,391	1,812,458
	0.2%	Retirement Maturity Strategy	30,407,802	(2,209,003)
	0.4%	Retirement Strategy 2010	51,869,127	952,165
	0.7%	Retirement Strategy 2015	95,430,650	(126,604)
	1.7%	Retirement Strategy 2020	217,798,148	761,346
	3.3%	Retirement Strategy 2025	434,975,331	16,123,536
%	3.4%	Retirement Strategy 2030	446,305,850	17,440,445
18.0%	2.9%	Retirement Strategy 2035	377,238,517	19,867,797
7	1.9%	Retirement Strategy 2040	251,949,518	14,820,774
	1.3%	Retirement Strategy 2045	165,166,441	11,631,350
	1.0%	Retirement Strategy 2050	126,909,143	9,724,899
	0.8%	Retirement Strategy 2055	107,423,790	8,152,277
	0.3%	Retirement Strategy 2060	41,965,789	3,868,024
	0.1%	Retirement Strategy 2065	7,228,559	1,322,499
	8.4%	U.S. Large Stock	1,101,925,902	84,708,580
	1.4%	U.S. Small Value Stock	182,063,363	4,035,645
	1.3%	Global Equity	172,593,512	10,704,060
	0.4%	Emerging Markets Equity	54,092,774	162,251
	2.1%	WSIB Bond Market	269,859,964	(698,874)
	2.6%	STIF	342,699,615	10,468,709
		Total	\$13,075,077,235	\$404,003,187

School Employees' Retirement System (SERS)

	% of Assets	Fund Options	Market Value	Quarterly Change
	74.9%	WSIB TAP	\$2,150,322,959	\$39,984,207
	0.5%	Socially Responsible Balanced	13,982,948	519,581
	0.2%	Retirement Maturity Strategy	6,225,532	(96,791)
	0.5%	Retirement Strategy 2010	12,994,289	63,465
	0.8%	Retirement Strategy 2015	23,794,197	334,440
	1.7%	Retirement Strategy 2020	49,558,046	394,843
	3.0%	Retirement Strategy 2025	87,521,812	2,073,288
%	2.0%	Retirement Strategy 2030	57,396,101	2,145,876
15.7%	2.0%	Retirement Strategy 2035	58,224,038	3,581,908
÷,	1.5%	Retirement Strategy 2040	42,558,115	2,929,391
	1.3%	Retirement Strategy 2045	36,525,045	2,944,555
	1.1%	Retirement Strategy 2050	30,411,121	2,390,649
	1.0%	Retirement Strategy 2055	28,722,126	2,079,728
	0.5%	Retirement Strategy 2060	15,334,011	1,184,419
	0.1%	Retirement Strategy 2065	2,399,319	441,080
	3.7%	U.S. Large Stock	106,472,905	8,578,642
	0.7%	U.S. Small Value Stock	20,499,608	195,599
	0.5%	Global Equity	15,474,390	946,455
	0.2%	Emerging Markets Equity	5,319,985	158,972
	0.9%	WSIB Bond Market	25,689,489	(214,802)
	2.8%	STIF	81,257,301	(143,642)
		Total	\$2,870,683,338	\$70,491,864

Note: Totals may not add up due to rounding.

🖊 D <u>e</u>	fined Contribu	ition Plans Plans 3 PERS		Quarter Ended June 30, 202
blic Emp	oloyees' Retireme	nt System (PERS)		
	% of Assets	Fund Options	Market Value	Quarterly Change
	61.5%	WSIB TAP	\$2,943,139,234	\$63,954,812
	1.0%	Socially Responsible Balanced	46,597,543	1,518,809
	0.2%	Retirement Maturity Strategy	11,601,444	(435,974)
	0.5%	Retirement Strategy 2010	22,598,056	(373,849)
	0.7%	Retirement Strategy 2015	34,784,219	432,970
	1.6%	Retirement Strategy 2020	78,655,233	1,051,191
	3.4%	Retirement Strategy 2025	164,189,473	4,993,026
%	3.2%	Retirement Strategy 2030	151,105,574	6,548,541
22.2%	3.1%	Retirement Strategy 2035	146,188,008	7,151,804
5	2.4%	Retirement Strategy 2040	113,496,465	7,725,175
	2.3%	Retirement Strategy 2045	110,206,483	7,986,769
	2.1%	Retirement Strategy 2050	101,888,347	8,316,192
	1.8%	Retirement Strategy 2055	84,945,517	6,424,394
	0.8%	Retirement Strategy 2060	37,811,343	3,408,767
	0.1%	Retirement Strategy 2065	5,842,517	910,283
	7.0%	U.S. Large Stock	335,378,902	32,792,196
	1.7%	U.S. Small Value Stock	80,538,221	(702,673)
	1.3%	Global Equity	61,094,330	4,113,225
	0.4%	Emerging Markets Equity	20,424,745	(286,125)
	1.3%	WSIB Bond Market	62,130,062	(901,331)
	3.6%	STIF	171,789,764	380,195
		Total	\$4,784,405,480	\$155,008,396

	Defined Contribution Plans • DCP and JRA
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Quarter Ended June 30, 2023

Deferred Compensation Program (DC	P)
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	% of Assets	Fund Options	Market Value	Quarterly Change
	3.2%	Socially Responsible Balanced	\$199,382,046	\$2,975,126
	1.1%	Retirement Maturity Strategy	68,269,198	(278,019)
	1.5%	Retirement Strategy 2010	91,193,221	(116,813)
	3.8%	Retirement Strategy 2015	233,321,087	2,220,994
	7.1%	Retirement Strategy 2020	441,515,039	3,604,917
	10.6%	Retirement Strategy 2025	655,448,959	20,935,007
%	9.3%	Retirement Strategy 2030	576,972,756	31,749,117
54.4%	7.2%	Retirement Strategy 2035	447,826,713	28,047,783
ů	4.9%	Retirement Strategy 2040	300,318,750	21,794,212
	3.6%	Retirement Strategy 2045	224,227,180	19,499,589
	2.3%	Retirement Strategy 2050	143,219,017	12,268,980
	1.6%	Retirement Strategy 2055	98,403,690	11,238,237
	1.0%	Retirement Strategy 2060	61,165,534	6,729,451
	0.3%	Retirement Strategy 2065	19,330,511	3,076,200
	13.9%	U.S. Large Stock	861,094,442	82,172,598
	4.3%	U.S. Small Value Stock	263,190,917	384,613
	3.6%	Global Equity	224,193,097	15,599,289
	1.2%	Emerging Markets Equity	72,970,666	718,923
	3.9%	WSIB Bond Market	241,184,415	2,305,734
	15.5%	WSIB Savings Pool	957,559,006	(20,340,622)
		Total	\$6,180,786,244	\$244,585,316

Judicial Retirement Account (JRA)

	% of Assets	Fund Options	Market Value	Quarterly Change
	4.9%	Socially Responsible Balanced	\$391,354	\$11,509
	0.6%	Retirement Maturity Strategy	50,378	685
	3.9%	Retirement Strategy 2010	315,100	(149)
	13.0%	Retirement Strategy 2015	1,037,593	23,024
	14.1%	Retirement Strategy 2020	1,121,960	23,134
	6.1%	Retirement Strategy 2025	486,458	15,639
%	5.0%	Retirement Strategy 2030	396,242	(28,009)
43.5%	0.8%	Retirement Strategy 2035	63,005	2,476
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
	16.6%	U.S. Large Stock	1,329,047	134,680
	3.9%	U.S. Small Value Stock	310,887	8,548
	5.7%	Global Equity	454,148	24,952
	1.3%	Emerging Markets Equity	106,928	1,231
	2.4% WSIB Bond Market		189,869	(4,081)
	21.7%	WSIB Savings Pool	1,732,050	4,735
		Total	\$7,985,018	\$218,375

Note: Totals may not add up due to rounding.

One Year Returns	ontribu	ution P	lans	Per	formance			Quarte	r Ended Jui	ne 30, 202
<u>\0</u> \0									E Func	i 🔳 Index
19.60% 19.60% 16.44%	16.14%	2.96%	3.19%	6.25%	6.01%	4.11%	2.83%	2.76%	2.18%	1.56%
	ilobal quity	Emer: Markets			Small e Stock		ney rket	Savings Pool	WSIB Bo	ond Market
Equity Returns										
			Qtr.		1 Year	3 Year		5 Year	10	Year
U.S. Large Stock			8.74%	6	19.60%	14.63%		12.35%	12	.91%
S&P 500			8.74%	6	19.60%	14.60%		12.31%	12	.86%
Global Equity			6.04 %	6	16.44%	11.30%		8.04%	9.	06%
MSCI ACWI IMI			5.89%	6	16.14%	10.97%		7.65%	8.	62%
Emerging Markets Equ	iity		1.58%	6	2.96%	3.48%		1.34%	3.	08%
MSCI EM IMI			1.62%	6	3.19%	3.60%		1.42%	3.	16%
U.S. Small Value Stock			3.189	6	6.25%	15.50%		3.68%	7.	50%
Russell 2000 Value			3.18%	6	6.01%	15.43%		3.54%	7.	29%
Fixed Income Retur	าร									
			Qtr.		1 Year	3 Year		5 Year	10	Year
WSIB Bond Market			0.08%	6	2.18%	-1.52%		2.21%	2.	58%
Bloomberg Intermedia	te Credit		-0.26	%	1.56%	-1.86%		1.82%	2.	17%
Cash Returns										
			Qtr.		1 Year	3 Year		5 Year	10	Year
STIF (Plan 3)			1.30%	6	4.11%	1.54%		1.75%	1.	19%
One Month LIBOR			0.85%	6	2.83%	1.05%		1.16%	0.	80%
WSIB Savings Pool (DC	P)		0.729	6	2.76%	2.38%		2.42%	1.	78%

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

Defined Contribution Plans • Performance
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Quarter Ended June 30, 2023

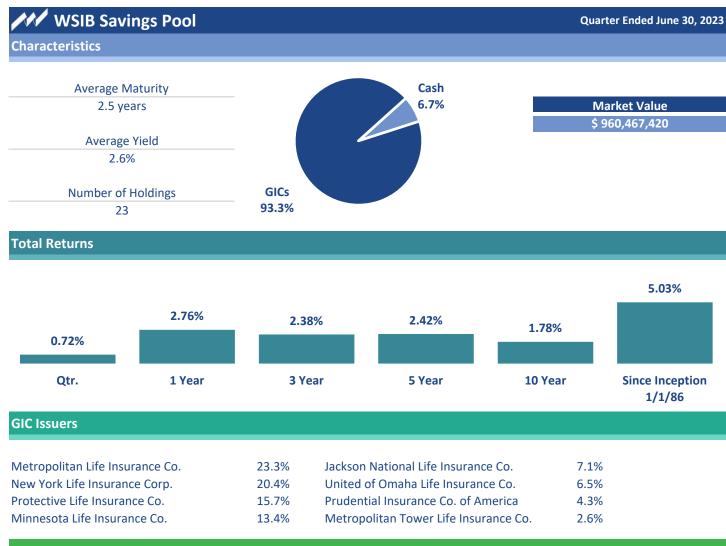


2015 Composite Index	2.24%	6.62%	5.39%	4.96%	5.93%
Retirement Strategy 2020	2.87%	8.55%	7.45%	6.31%	7.07%
2020 Composite Index	2.82%	8.04%	6.63%	5.53%	6.56%
Retirement Strategy 2025	3.35%	9.66%	8.34%	6.65%	7.52%

2025 Composite Index	3.32%	9.27%	7.48%	5.87%	7.00%
Retirement Strategy 2030	3.80%	10.98%	9.36%	7.04%	7.97%
2030 Composite Index	3.70%	10.17%	8.30%	6.17%	7.41%

Retirement Strategy 2035	4.12%	11.55%	10.12%	7.25%	8.24%
2035 Composite Index	4.08%	11.08%	9.15%	6.49%	7.76%
Retirement Strategy 2040	4.36%	12.31%	10.68%	7.49%	8.49%
2040 Composite Index	4.38%	11.88%	9.71%	6.75%	8.03%
Retirement Strategy 2045	4.55%	12.95%	10.89%	7.57%	8.58%
2045 Composite Index	4.55%	12.58%	10.08%	6.94%	8.17%

2045 composite index	4.5570	12.36%	10.0876	0.9470	0.1770
Retirement Strategy 2050	4.64%	13.39%	10.90%	7.57%	8.58%
2050 Composite Index	4.67%	13.11%	10.18%	7.00%	8.20%
Retirement Strategy 2055	4.63%	13.35%	10.90%	7.60%	8.59%
2055 Composite Index	4.67%	13.11%	10.18%	7.00%	8.20%
Retirement Strategy 2060	4.66%	13.44%	10.87%	7.58%	N/A
2060 Composite Index	4.67%	13.11%	10.18%	7.00%	N/A
Retirement Strategy 2065	4.64%	13.39%	10.87%	N/A	N/A
2065 Composite Index	4.67%	13.11%	10.18%	N/A	N/A







Note: Totals may not add up due to rounding.

WSIB Bond Market Fund

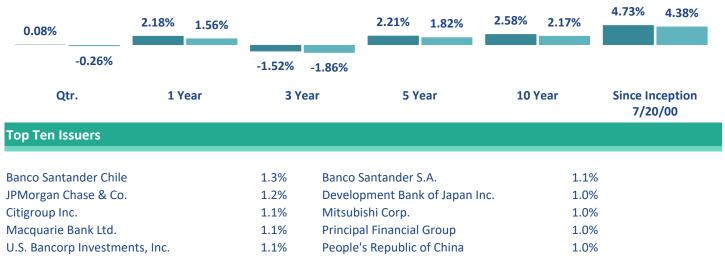
Characteristics



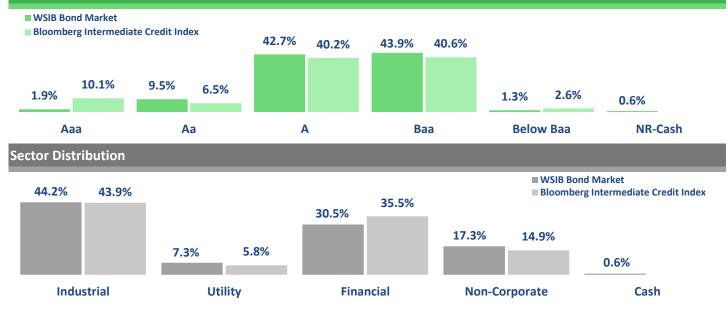
Total Returns

WSIB Bond Market

Bloomberg Intermediate Credit Index



Moody's Equivalent Rating Distribution



Note: Totals may not add up due to rounding.

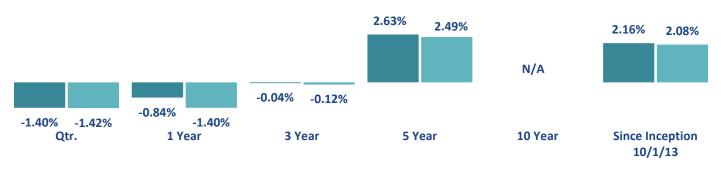
WSIB TIPS Fund

Characteristics



Total Returns

- WSIB TIPS
- Bloomberg TIPS Index



/// Labor & Indus	stries' Funds			Quarter	Ended June 30, 202
Accident					
Total	\$6,674,585,877				
Equity	\$1,090,263,452	Equity		Fixed Income	Real Estate
Fixed Income	\$5,557,229,493	16.33%		83.26%	0.41%
Real Estate	\$27,092,932				
Medical Aid					
Total	\$6,889,618,038				
Equity	\$1,448,994,443	Equity		Fixed Income	Real Estate
Fixed Income	\$5,414,531,461	21.03%		78.59%	0.38%
Real Estate	\$26,092,134				
Pension Reserve					
Total	\$5,321,051,636				
Equity	\$587,771,115	Equity	Fi	xed Income	Real Estat
Fixed Income	\$4,713,150,497	11.05%		88.58%	0.38%
Real Estate	\$20,130,025				
Supplemental Pension					
Total	\$108,648,200				
Fixed Income	\$108,648,200		Fixed In 100.		
Labor and Industries' Sta	atutory Accounting Retu	rns ¹			
		Qtr.	1 Year	3 Year	5 Year
Accident Fund		1.58%	4.95%	4.77%	4.73%
Medical Aid		1.87%	5.70%	4.88%	4.57%
Pension Reserve		1.33%	4.53%	4.71%	4.70%
Supplemental Pension		0.93%	2.10%	1.49%	1.67%
Duration					
		CMI	Target	Actual	% Difference
Accident Fund		6.64	7.00	6.79	-3.07%
Medical Aid		5.72	6.00	5.78	-3.63%
Pension Reserve		9.45	10.00	9.05	-9.48%

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.

Labor & Industrie	Quarter	Quarter Ended June 30, 202			
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	0.69%	3.52%	-0.89%	2.95%	3.51%
CMI	0.47%	3.23%	-0.99%	2.69%	3.26%
Medical Aid	1.09%	4.24%	0.21%	3.26%	3.67%
CMI	0.89%	4.27%	0.29%	3.01%	3.44%
Pension Reserve	0.04%	1.31%	-3.26%	2.18%	3.19%
CMI	0.01%	1.95%	-3.05%	1.92%	2.83%
Supplemental Pension	0.97%	3.22%	0.49%	1.57%	1.23%
CMI	N/A	N/A	N/A	N/A	N/A
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	5.97%	16.61%	11.29%	8.01%	9.24%
Aedical Aid	5.97%	16.61%	11.29%	8.02%	9.26%
Pension Reserve	5.98%	16.63%	11.29%	8.04%	9.25%
Equity Benchmark	5.96%	16.49%	11.26%	7.96%	9.20%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	-0.44%	0.84%	-3.29%	1.68%	2.51%
CMI	-0.65%	0.54%	-3.46%	1.36%	2.22%
Medical Aid	-0.36%	0.76%	-2.81%	1.66%	2.34%
CMI	-0.56%	0.77%	-2.82%	1.32%	2.03%
Pension Reserve	-0.68%	-0.40%	-5.04%	1.30%	2.40%
CMI	-0.72%	0.29%	-4.79%	1.04%	2.03%
Supplemental Pension	0.97%	3.22%	0.49%	1.57%	1.23%
CMI	N/A	N/A	N/A	N/A	N/A
Real Estate Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	0.37%	22.47%	3.23%	N/A	N/A
Medical Aid	0.10%	22.59%	3.28%	N/A	N/A
Pension Reserve	0.03%	22.66%	3.36%	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, 202	
Agricultural				
Total Equity Fixed Income Cash	\$284,931,247 \$121,444,249 \$162,955,375 \$531,623	Equity 42.6%	Fixed Income 57.4%	
Normal School	,,			
Total Equity Fixed Income Cash	\$318,918,233 \$139,647,250 \$179,176,373 \$94,610	Equity 43.8%	Fixed Income 56.2%	
Scientific Permanent				
Total Equity Fixed Income Cash	\$319,525,206 \$136,146,293 \$182,869,687 \$509,226	Equity 42.6%	Fixed Income 57.4%	
State University				
Total Equity Fixed Income Cash	\$43,502,733 \$18,823,325 \$24,657,754 \$21,654	Equity 43.3%	Fixed Income 56.7%	
Common School				
Total Equity Fixed Income Cash	\$245,966,404 \$107,000,458 \$138,913,111 \$52,836	Equity 43.5%	Fixed Income 56.5%	
American Indian Scho	larship Endowment Fund (AIS	EF)		
Total Fixed Income Cash	\$319,041 \$298,651 \$20,390	Fixed Income 93.6%		

Permanent Funds Performance				Quarter	Quarter Ended June 30, 202	
Total Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Agricultural	2.29%	7.28%	2.41%	4.46%	4.92%	
Custom Benchmark	2.05%	6.47%	1.84%	4.07%	4.80%	
Normal School	2.36%	7.39%	2.46%	4.48%	4.91%	
Custom Benchmark	2.05%	6.47%	1.84%	4.07%	4.78%	
Scientific Permanent	2.28%	7.21%	2.41%	4.46%	4.92%	
Custom Benchmark	2.05%	6.47%	1.84%	4.08%	4.81%	
State University	2.33%	7.43%	2.45%	4.47%	4.92%	
Custom Benchmark	2.05%	6.47%	1.84%	4.06%	4.80%	
Common School	2.34%	7.32%	2.43%	4.46%	4.94%	
Custom Benchmark	2.05%	6.47%	1.84%	4.06%	4.81%	
AISEF	-0.59%	0.46%	-3.30%	1.27%	1.73%	
Custom Benchmark	-0.84%	-0.94%	-3.96%	0.66%	1.43%	
Equity Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Agricultural	6.59%	18.05%	12.32%	8.90%	10.69%	
Normal School	6.59%	18.05%	12.32%	8.90%	10.69%	
Scientific Permanent	6.59%	18.05%	12.32%	8.90%	10.70%	
State University	6.59%	18.05%	12.32%	8.90%	10.69%	
Common School	6.59%	18.05%	12.32%	8.90%	10.69%	
Custom Benchmark	6.43%	17.89%	11.97%	9.05%	11.06%	
Fixed Income Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Agricultural	-0.70%	0.29%	-3.52%	1.29%	1.78%	
Normal School	-0.70%	0.29%	-3.52%	1.29%	1.78%	
Scientific Permanent	-0.70%	0.29%	-3.52%	1.29%	1.78%	
State University	-0.70%	0.29%	-3.52%	1.29%	1.78%	
Common School	-0.70%	0.29%	-3.52%	1.29%	1.78%	
AISEF	-0.70%	0.29%	-3.52%	1.29%	1.78%	
Bloomberg Aggregate	-0.84%	-0.94%	-3.96%	0.77%	1.52%	
Cash Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
AISEF	1.22%	3.66%	1.28%	1.46%	0.91%	
90 Day Tbill	1.22%	3.74%	1.32%	1.59%	1.01%	

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

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

Equity Benchmark: MSCI World IMI and historical blends.

🖊 GET, DDEF,	and VFFRO	Quarter Ended June 30, 20		
Guaranteed Educatio	n Tuition (GET)			
Total Equity Fixed Income Cash	\$1,614,574,556 \$671,903,855 \$925,567,552 \$17,103,149	Equity Fixed Income and Cash 41.6% 58.4%		
Developmental Disab	ilities Endowment Fund (DDEF	;)		
Private Total Balanced Fund Cash	\$91,049,432 \$91,041,803 \$7,629	Balanced Fund 100.0%		
State Total Equity Fixed Income Cash	\$13,473,361 \$4,855,771 \$8,615,085 \$2,505	EquityFixed Income and Cash36.0%64.0%		nd Cash
Volunteer Firefighter	s' and Reserve Officers' Relief	Fund (VFFRO)		
Total Equity Fixed Income	\$232,840,768 \$167,546,077 \$64,292,254	Equit 72.09		Fixed Income and Cash 28.0%

\$1,002,437

Cash

GET, DDEF, and VFFRO • Performance Quarter Ended June 30, 3					
GET Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Fotal	2.50%	7.84%	3.71%	4.76%	5.80%
Passive Benchmark	2.23%	7.55%	3.46%	4.46%	5.57%
nflation CPI + 3.25%	1.48%	6.34%	8.99%	7.14%	5.96%
quity	6.04%	16.74%	11.56%	8.05%	9.05%
Custom Benchmark	5.96%	16.49%	11.26%	7.96%	8.94%
ixed Income	0.08%	2.18%	-1.52%	2.23%	2.24%
Custom Benchmark	-0.26%	1.56%	-1.86%	1.82%	1.99%
DDEF Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Private	4.63%	10.69%	6.53%	7.34%	8.08%
alanced Fund	4.63%	10.70%	6.53%	7.33%	8.08%
Balanced Fund Benchmark	4.68%	11.09%	6.78%	7.67%	8.32%
Total State	2.15%	7.35%	3.10%	4.57%	4.15%
nflation CPI	0.67%	3.09%	5.74%	3.89%	2.71%
State Equity	5.94%	17.19%	11.46%	8.07%	9.12%
Custom Benchmark	5.96%	16.49%	11.26%	7.96%	8.94%
tate Fixed Income	0.08%	2.18%	-1.52%	2.21%	2.28%
Custom Benchmark	-0.26%	1.56%	-1.86%	1.82%	1.99%
/FFRO Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
otal	4.28%	12.11%	-0.43%	2.10%	7.67%
Custom Benchmark	4.09%	12.03%	-0.02%	1.98%	6.64%
quity	5.97%	16.57%	N/A	N/A	-4.11%
ASCI ACWI IMI w/ U.S. Gross	5.96%	16.49%	N/A	N/A	-4.28%
ixed Income	0.08%	2.18%	N/A	N/A	-3.93%
Bloomberg Intermediate Credit	-0.26%	1.56%	N/A	N/A	-4.40%

GET Benchmarks: Equity: MSCI ACWI IMI w/U.S. Gross and a historical blend, Fixed Income: Bloomberg Intermediate Credit and a historical blend. DDEF Balanced Fund benchmark: 60% CRSP U.S. Total Market Index & 40% Bloomberg U.S. Aggregate and a historical blend. DDEF State Benchmarks: Equity: MSCI ACWI IMI w/U.S. Gross and a historical blend, Fixed Income: Bloomberg Intermediate Credit and a historical blend. VFFRO Total Fund benchmark: 30% Bloomberg Intermediate Credit & 70% MSCI ACWI IMI w/U.S. Gross and a historical blend.

wsos			Quarte	r Ended June 30, 20
Washington State Op	portunities Scholarship (WSOS	5) Private and State	Match Assets (\$ Millions)	
Scholarship	Endowment	Student Supp	ort Pathways Advanced De	grees Pathways
\$0	\$35 vate \$0	\$60 \$30 \$0	\$2 \$1 Private \$0	Private State
septh	wr ²³ sept	10023 NOV13	un23 oct29	14023
cholarship	, y,			3
r ivate Total quity ixed Income cash	\$57,788,680 \$17,433,974 \$40,287,413 \$67,293	Equity 30.2%	Fixed Income and 6 69.8%	Cash
tate Match Total ash	\$0 \$0			
ndowment				
P rivate Total quity ixed Income Cash	\$6,381,134 \$5,166,646 \$1,213,125 \$1,362		Equity 81.0%	Fixed Income and Cash 19.0%
tate Match Total ash	\$607,764 \$607,764			
tudent Support Path	ways			
rivate Total quity ixed Income ash	\$25,038,016 \$7,937,701 \$16,986,500 \$113,815	Equity 31.7%	Fixed Income and 68.3%	Cash
tate Match Total ash	\$3,759,009 \$3,759,009			
Advanced Degrees Pa	thways			
rivate Total quity ixed Income ash	\$439,126 \$142,476 \$294,847 \$1,803	Equity 32.4%	Fixed Income and 67.6%	Cash
tate Match Total ash	\$427,077 \$427,077			

Total Datuma					
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship	4 = 204	6 4 4 9 (
Private	1.78%	6.11%	2.04%	3.44%	4.38%
Private Benchmark	1.61%	5.76%	1.75%	3.29%	4.31%
State Match	N/A	N/A	N/A	0.67%	0.59%
State Match Benchmark	1.22%	3.74%	1.32%	1.59%	1.17%
Endowment					
Private	4.78%	13.46%	8.79%	6.13%	6.53%
Private Benchmark	4.72%	13.52%	8.69%	6.91%	6.89%
State Match	1.22%	3.67%	1.28%	1.46%	1.06%
State Match Benchmark	1.22%	3.74%	1.32%	1.59%	1.17%
Student Support Pathways					
Private	1.88%	6.23%	2.11%	N/A	2.68%
Private Benchmark	1.61%	5.76%	1.75%	N/A	2.15%
State Match	1.22%	3.67%	1.28%	N/A	1.21%
State Match Benchmark	1.22%	3.74%	1.32%	N/A	1.32%
Advanced Degrees Pathways					
Private	1.92%	7.23%	N/A	N/A	2.73%
Private Benchmark	1.61%	6.95%	N/A	N/A	2.63%
State Match	1.22%	3.67%	N/A	N/A	1.67%
State Match Benchmark	1.22%	3.74%	N/A	N/A	1.69%
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship	5.95%	16.50%	11.25%	8.26%	8.07%
Indowment	5.95%	16.49%	11.24%	8.09%	8.05%
Student Support Pathways	5.95%	16.44%	11.23%	N/A	8.79%
Advanced Degree Pathways	5.95%	N/A	N/A	N/A	14.53%
MSCI ACWI IMI w/ U.S. Gross	5.96%	16.49%	11.26%	7.96%	
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Scholarship	0.08%	2.18%	-1.53%	2.20%	2.23%
Endowment	0.08%	2.18%	-1.52%	2.21%	2.24%
Student Support Pathways	0.08%	2.18%	-1.51%	N/A	0.19%
Advanced Degree Pathways	0.08%	N/A	N/A	N/A	2.20%

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.