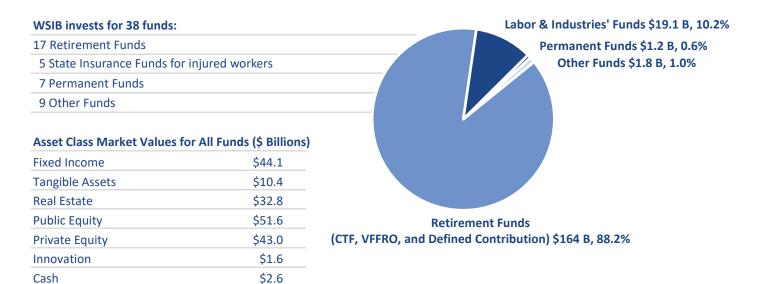
Investment Reports

Quarterly Report – March 31, 2023

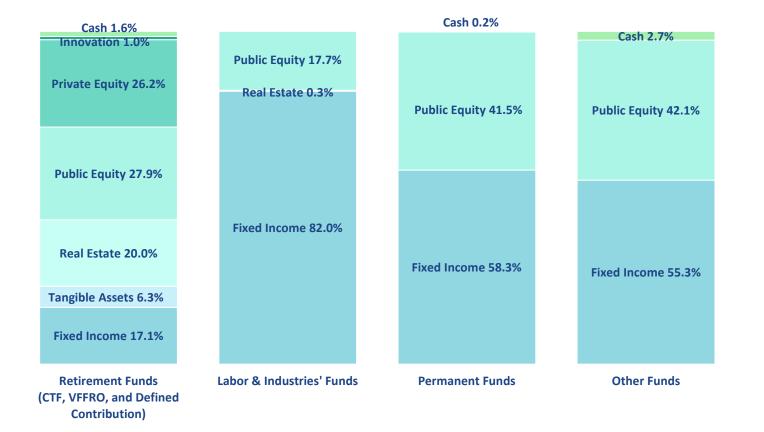
Total Assets Under Management	2
Capital Markets	3
Commingled Trust Fund (CTF)	4-9
Defined Contribution Plans	10-14
Daily Priced Investment Options	15-17
Labor & Industries' Funds	18-19
Permanent Funds	20-21
Other Funds	22-25

\$186,056,231,951

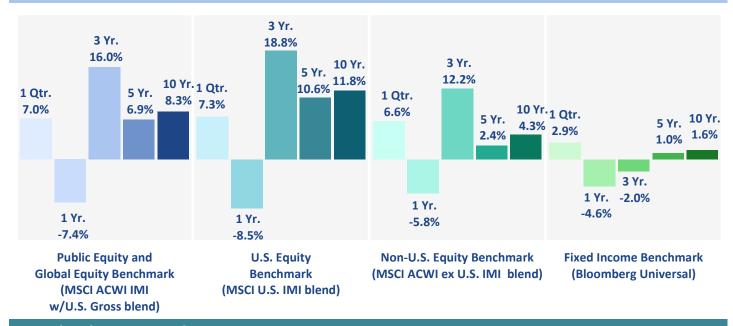
Stakeholder Overview



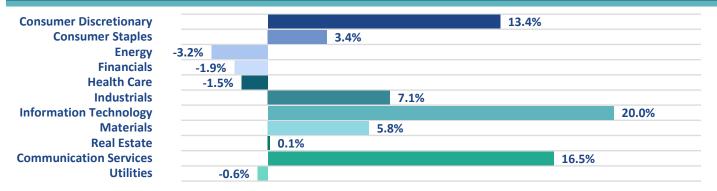
Asset Class Overview for All Funds



Index Returns







Capital Market Highlights

- Global equity markets experienced three very different environments during the first quarter of 2023 In January Investors were optimistic that global central banks were done raising rates, February brought concerns that the global economy was overheating, and in March investors feared another global financial crisis
 - This led to a major sell-off in the U.S. and European financial sectors
- The March U.S. consumer price index (CPI) report showed that headline inflation fell to 5.0% for the year, well down from the peak of 8.9% in June
- The MSCI Developed World IMI index returned 7.3% for the quarter, bringing the 1-year return to -7.3%
- Emerging markets trailed well behind developed markets this quarter, returning 3.9%, which brought the 1-year return to -10.7%
- The Federal Reserve raised the target rate twice during the quarter, bringing the rate up 50bps to 5.0%
 - Despite this, U.S. interest rates went lower during the quarter leading to a weaker U.S. Dollar
 - Overall, the dollar was still up for the year against other developed world currencies
- The U.S. 10-year Treasury yield decreased by 0.4% to end the first guarter at 3.5%
- Bloomberg Universal index returned 2.9% for the quarter

Capital Markets Page 3

CTF ■ Allocation & Historical Quarter Ended March 31, 2023 **Actual Asset Allocation Asset Class Market Value** by Asset Class with Overlay **Market Value Changes** \$24,180,933,868 15.9% 16.7% Fixed Income 6.8% 6.8% Quarter **Tangible Assets** \$10,392,069,524 21.5% 21.5% \$2,988,122,876 **Real Estate** \$32,723,089,589 **Public Equity** \$37,845,113,942 24.8% 25.6% **Fiscal Year Private Equity** \$43,037,454,310 28.3% 28.3% Innovation 1.1% \$2,341,944,971 \$1,604,880,049 1.1% Cash \$2,541,216,547 1.7% 0.1% **Total Fund** \$152,324,757,829 **Actual Allocation** 35.0% Range **▲** June 2021 30.0% June 2022 Q1 2023 23.0% 25.0% 21.0% 20.0% 15.0% 11.0% 15.0% 5.0% 3.0% 5.0% 0.0% 0.0% **Fixed Income Tangible Assets Real Estate Public Equity Private Equity** Innovation Cash Historical Annualized Returns ● Fiscal Years Ended June 30 28.7% 17.1% 13.4% 12.4% 10.2% 8.4% 5.4% 4.9% 3.7% 2.7% 2.7% 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 **FYTD 2023** Historical Growth of the CTF ● Fiscal Years Ended June 30 ■ % of Defined Benefit ■ % of Defined Contribution 9.6% 9.6% 8.9% 8.9% 9.0% 8.9% 8.9% 8.8% 8.7% 8.5% 8.4% 90.4% 90.4% 91.1% 91.1% 91.0% 91.1% 91.1% 91.3% 91.2% 91.5% 91.6% \$67.9 \$78.1 \$80.5 \$81.6 \$91.6 \$100.3 \$108.0 \$111.5 \$142.5 \$150.0 \$152.3

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

2015

2016

2017

2014

2013

CTF Page 4

2018

2019

2020

2021

2022

FYTD 2023

6.27%

0.09%

1.16%

1.12%

-6.44%

-0.03%

2.91%

2.60%

6.96%

-0.02%

1.06%

0.92%

7.79%

0.01%

1.51%

1.43%

4.54%

0.04%

0.99%

0.89%

0.05%

1.40%

1.34%

Outperformed the Composite Benchmark Underperformed the Composite Benchmark

1.7%

Custom Benchmark⁷

Overlay⁸

90 Day T-Bills

Cash

\$351,090,661

\$2,190,125,885

CTF Page 5

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 bp over 1, 3, and 5 years and 10 bp 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) +300bps and a custom historical blend.

CTF ● Public Equity Performance			Qua	rter Ended Ma	rch 31, 2023
Global Markets				\$12,01	.9,628,013
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Global	6.25%	-5.32%	15.09%	7.88%	9.62%
MSCI ACWI IMI w/ U.S. Gross	7.03%	-7.41%	15.95%	6.88%	8.27%
Arrowstreet Capital	5.58%	-3.27%	21.93%	10.42%	12.34%
BLS Capital	10.06%				
GQG Partners	-2.39%	-8.49%			
LSV Asset Management	4.35%	-1.34%			
Magellan	8.59%	-4.44%	8.11%	7.47%	
Mawer	7.75%				
Sands	16.86%	-18.42%			
William Blair & Company	11.30%	-8.49%	14.81%	8.16%	10.14%
Non-U.S. Markets				\$10,45	1,676,350
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Non-U.S. Equity	6.80%	-4.97%	12.74%	2.18%	4.15%
Custom Benchmark	6.56%	-5.84%	12.20%	2.35%	4.28%
Total Developed	7.73%	-3.30%	13.43%	3.51%	5.27%
Custom Benchmark	7.58%	-3.85%	13.46%	3.46%	4.99%
SSgA	7.74%	-3.42%	13.95%	3.94%	5.49%
Total Emerging	4.91%	-8.10%	11.26%	-0.96%	1.21%
Custom Benchmark	3.94%	-10.74%	9.18%	-0.58%	2.13%
BlackRock Trust Company EM IMI	3.95%	-10.85%	8.85%	-0.77%	
Brandes Investment Partners	9.42%	6.75%	13.69%	-0.93%	
GQG Partners	3.37%	-11.65%			
LSV Asset Management	5.15%	-6.86%			
тп	3.14%	-14.72%			
U.S. Markets				\$15,37	1,788,048
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total U.S. Equity	7.39%	-8.33%	18.68%	10.23%	11.57%
MSCI U.S. IMI (Gross)	7.35%	-8.45%	18.77%	10.62%	11.84%
BlackRock Trust Company	7.39%	-8.33%	18.83%	10.66%	11.89%

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 Page 6

Outperformed the Composite Benchmark Underperformed the Composite Benchmark

Global Markets \$12,019,628,013

Arrowstreet Capital	\$3,888,318,730	32.3%
Arrowstreet capital	\$3,000,310,730	32.3/0
BLS Capital	\$1,313,480,902	10.9%
GQG Partners	\$1,555,039,758	12.9%
LSV Asset Management	\$1,500,822,631	12.5%
Magellan	\$909,607,463	7.6%
Mawer	\$1,221,495,843	10.2%
Sands	\$740,923,490	6.2%
William Blair & Company	\$885,224,987	7.4%



Non-U.S. Markets	\$10,451,676,350

Deve	loped

\$7,124,586,171 99.8% SSgA

Emerging		
BlackRock Trust Company EM IMI	\$804,501,433	24.3%
Brandes Investment Partners	\$615,405,910	18.6%
GQG Partners	\$755,640,754	22.8%
LSV Asset Management	\$738,440,534	22.3%
TTI	\$402,364,392	12.1%



U	S. Markets	\$15,371,788,048

\$15,371,782,673 BlackRock Trust Company 100.0%



Transition Accounts for Public Equity

\$17,478,272

Countries 31.0%

Other Developed

Countries 29.4%

11.6%

Emerging 11.2%

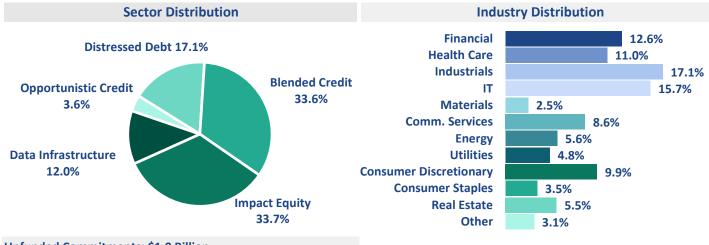
\$1,604,880,049

57.4%

U.S.

59.5%

Fixed Income									\$24,	,180,9	33,868
Duration						Secto	r Wei	ghting			
					■W	SIB Fixe	d Inco	me 🔳	Bloombe	erg Uni	versal
	Dec 22	Mar 23					%9				
WSIB Portfolio	5.90	6.11					75.6%				
Bloomberg Universal	5.96	6.09			2%						
Difference	-1.01%	0.33%			3% 34.5		39.2%	.3%			
			1.4%	1.1%	16.3%	0.0%		5.2%	0.2%	1.6%	0.0%
			Cash	TIPS	Treasury	Agency	Credit	MBS	СМО	CMBS	ABS



Unfunded Commitments: \$1.0 Billion

MSCI ACWI IMI w/U.S.

Gross

Innovation

Distribution charts and unfunded commitments are lagged one quarter.

CTF Page 8

Fund of Funds

Other

0.1%

1.0%

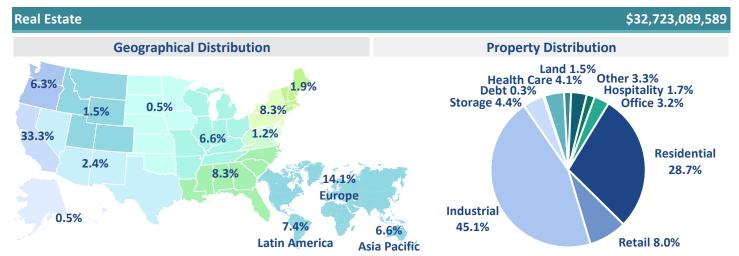
Buyout Mega

33.5%

Quarter Ended March 31, 2023

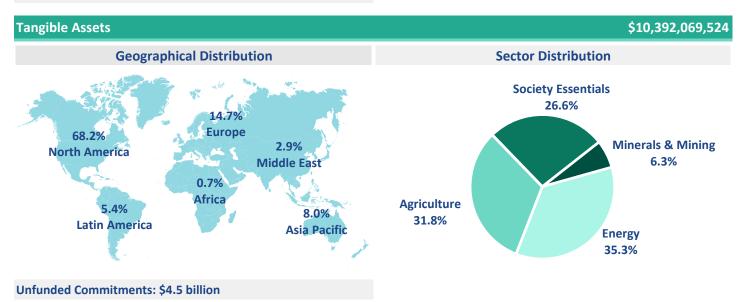
Unfunded Commitments: \$19.9 billion

Co-Investment 6.7%



0.5% is in loan portfolios spread across multiple U.S. regions. 0.6% is spread across multiple countries.

Unfunded Commitments: \$10.4 billion



Distribution charts and unfunded commitments are lagged one quarter.

CTF Page 9

Teachers' Retirement System (TRS)

	% of Assets	Fund Options	Market Value	Quarterly Change
	65.5%	WSIB TAP	\$8,304,013,196	\$189,783,457
	0.8%	Socially Responsible Balanced	100,866,933	3,195,182
	0.3%	Retirement Maturity Strategy	32,616,805	569,489
	0.4%	Retirement Strategy 2010	50,916,962	2,873,473
	0.8%	Retirement Strategy 2015	95,557,254	837,373
	1.7%	Retirement Strategy 2020	217,036,802	1,336,655
	3.3%	Retirement Strategy 2025	418,851,795	17,687,391
%	3.4%	Retirement Strategy 2030	428,865,404	20,707,497
17.8%	2.8%	Retirement Strategy 2035	357,370,720	20,138,222
\vdash	1.9%	Retirement Strategy 2040	237,128,744	15,165,693
	1.2%	Retirement Strategy 2045	153,535,091	11,409,546
	0.9%	Retirement Strategy 2050	117,184,244	9,253,490
	0.8%	Retirement Strategy 2055	99,271,513	8,435,886
	0.3%	Retirement Strategy 2060	38,097,766	4,502,510
	0.0%	Retirement Strategy 2065	5,906,059	1,228,607
	8.0%	U.S. Large Stock	1,017,217,322	66,807,117
	1.4%	U.S. Small Value Stock	178,027,718	(1,475,435)
	1.3%	Global Equity	161,889,451	10,429,044
	0.4%	Emerging Markets Equity	53,930,523	2,164,999
	2.1%	WSIB Bond Market	270,558,838	5,069,016
	2.6%	STIF	332,230,906	4,695,606
		Total	\$12,671,074,048	\$394,814,819

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	% of Assets	Fund Options	Market Value	Quarterly Change
	75.4%	WSIB TAP	\$2,110,338,752	\$38,929,920
	0.5%	Socially Responsible Balanced	13,463,366	341,027
	0.2%	Retirement Maturity Strategy	6,322,323	198,229
	0.5%	Retirement Strategy 2010	12,930,824	(233,732)
	0.8%	Retirement Strategy 2015	23,459,757	(165,010)
	1.8%	Retirement Strategy 2020	49,163,203	507,356
	3.1%	Retirement Strategy 2025	85,448,524	4,328,763
%	2.0%	Retirement Strategy 2030	55,250,225	3,113,688
15.4%	2.0%	Retirement Strategy 2035	54,642,131	3,796,210
П	1.4%	Retirement Strategy 2040	39,628,724	3,161,986
	1.2%	Retirement Strategy 2045	33,580,490	2,831,640
	1.0%	Retirement Strategy 2050	28,020,472	2,271,926
	1.0%	Retirement Strategy 2055	26,642,398	1,956,659
	0.5%	Retirement Strategy 2060	14,149,591	1,235,082
	0.1%	Retirement Strategy 2065	1,958,239	(273,167)
	3.5%	U.S. Large Stock	97,894,263	4,622,472
	0.7%	U.S. Small Value Stock	20,304,010	(258,125)
	0.5%	Global Equity	14,527,935	949,710
	0.2%	Emerging Markets Equity	5,161,013	269,329
	0.9%	WSIB Bond Market	25,904,290	(238,628)
	2.9%	STIF	81,400,942	3,161,007
		Total	\$2,800,191,474	\$70,506,339

Note: Totals may not add up due to rounding.

M Def	ined Contribu	ition Plans ● Plans 3 ● PERS		Quarter Ended March 31, 2023
ublic Empl	loyees' Retiremer	nt System (PERS)		
	% of Assets	Fund Options	Market Value	Quarterly Change
	62.2%	WSIB TAP	\$2,879,184,422	\$71,151,256
	1.0%	Socially Responsible Balanced	45,078,734	543,958
	0.3%	Retirement Maturity Strategy	12,037,419	472,891
	0.5%	Retirement Strategy 2010	22,971,905	607,133
	0.7%	Retirement Strategy 2015	34,351,250	(359,179)
	1.7%	Retirement Strategy 2020	77,604,042	473,189
	3.4%	Retirement Strategy 2025	159,196,447	5,125,182
%	3.1%	Retirement Strategy 2030	144,557,033	7,772,898
21.8%	3.0%	Retirement Strategy 2035	139,036,205	8,392,991
2	2.3%	Retirement Strategy 2040	105,771,291	6,652,342
	2.2%	Retirement Strategy 2045	102,219,713	7,611,346
	2.0%	Retirement Strategy 2050	93,572,155	7,439,680
	1.7%	Retirement Strategy 2055	78,521,123	6,306,540
	0.7%	Retirement Strategy 2060	34,402,576	2,880,940
	0.1%	Retirement Strategy 2065	4,932,234	608,855
	6.5%	U.S. Large Stock	302,586,706	18,526,002
	1.8%	U.S. Small Value Stock	81,240,894	240,403
	1.2%	Global Equity	56,981,105	3,470,787
	0.4%	Emerging Markets Equity	20,710,870	1,301,107
	1.4%	WSIB Bond Market	63,031,393	244,767

171,409,568

\$4,629,397,083

Note: Totals may not add up due to rounding.

3.7%

STIF

Total

1,538,718

\$151,001,806

	Defined Contribution Plans	DCP and JRA	Quarter Ended March 31,
--	----------------------------	-------------	-------------------------

Deferred Compensation Program (DCP)

	% of Assets	Fund Options	Market Value	Quarterly Change
	3.3%	Socially Responsible Balanced	\$196,406,920	\$3,615,345
	1.2%	Retirement Maturity Strategy	68,547,217	2,346,404
	1.5%	Retirement Strategy 2010	91,310,034	2,127,008
	3.9%	Retirement Strategy 2015	231,100,092	3,602,623
	7.4%	Retirement Strategy 2020	437,910,122	10,165,228
	10.7%	Retirement Strategy 2025	634,513,951	26,513,718
%	9.2%	Retirement Strategy 2030	545,223,639	32,403,435
53.9%	7.1%	Retirement Strategy 2035	419,778,930	28,116,569
iΩ	4.7%	Retirement Strategy 2040	278,524,538	19,528,779
	3.4%	Retirement Strategy 2045	204,727,591	17,687,163
	2.2%	Retirement Strategy 2050	130,950,037	15,374,852
	1.5%	Retirement Strategy 2055	87,165,453	10,322,982
	0.9%	Retirement Strategy 2060	54,436,083	6,720,522
	0.3%	Retirement Strategy 2065	16,254,312	2,383,336
	13.1%	U.S. Large Stock	778,921,843	58,537,761
	4.4%	U.S. Small Value Stock	262,806,305	131,600
	3.5%	Global Equity	208,593,808	14,711,493
	1.2%	Emerging Markets Equity	72,251,743	4,317,800
	4.0%	WSIB Bond Market	238,878,681	4,748,052
	16.5%	WSIB Savings Pool	977,899,629	(16,532,279)
		Total	\$5,936,200,928	\$246,822,392

Judicial Retirement Account (JRA)						
	% of Assets	Fund Options	Market Value	Quarterly Change		
	4.9%	Socially Responsible Balanced	\$379,844	\$10,935		
	0.6%	Retirement Maturity Strategy	49,693	1,479		
	4.1%	Retirement Strategy 2010	315,249	10,412		
	13.1%	Retirement Strategy 2015	1,014,568	(4,182)		
	14.1%	Retirement Strategy 2020	1,098,826	31,742		
	6.1%	Retirement Strategy 2025	470,820	(81,565)		
%	5.5%	Retirement Strategy 2030	424,251	18,792		
44.2%	0.8%	Retirement Strategy 2035	60,529	2,678		
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		
	15.4%	U.S. Large Stock	1,194,366	166,107		
	3.9%	U.S. Small Value Stock	302,339	(6,082)		
	5.5%	Global Equity	429,196	26,509		
	1.4%	Emerging Markets Equity	105,698	1,662		
	2.5%	WSIB Bond Market	193,950	3,618		
	22.2%	WSIB Savings Pool	1,727,314	(105,814)		
		Total	\$7,766,643	\$76,289		

Note: Totals may not add up due to rounding.

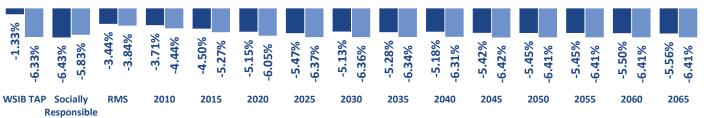
2023

Defined Contrib	oution Plans • Per	formance		Quarter E	nded March 31, 2023
One Year Returns					
			3.02%	2.57%	■ Fund ■ Index
-7.72% -7.73% -6.96%	-9.94%	-12.96%			-1.62%
U.S. Large Global Stock Equity	0 0	6. Small ue Stock	Money Market	Savings Pool	WSIB Bond Market
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
U.S. Large Stock	7.50%	-7.72%	18.64%	11.23%	12.29%
S&P 500	7.50%	-7.73%	18.60%	11.19%	12.24%
Global Equity	7.03%	-6.96%	15.95%	6.92%	8.39%
MSCI ACWI IMI	6.95%	-7.68%	15.64%	6.58%	7.95%
Emerging Markets Equity	4.40%	-9.94%	9.10%	-0.78%	2.08%
MSCI EM IMI	3.94%	-10.74%	9.18%	-0.58%	2.13%
U.S. Small Value Stock	-0.48%	-12.74%	21.11%	4.69%	7.43%
Russell 2000 Value	-0.66%	-12.96%	21.01%	4.55%	7.22%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
WSIB Bond Market	2.57%	-1.62%	0.69%	2.16%	2.25%
Bloomberg Intermediate Cred	it 2.47%	-1.88%	0.37%	1.86%	1.96%
Cash Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
STIF (Plan 3)	1.17%	3.02%	1.16%	1.59%	1.07%
One Month LIBOR	0.82%	2.14%	0.78%	1.06%	0.72%
WSIB Savings Pool (DCP)	0.70%	2.57%	2.33%	2.38%	1.74%

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

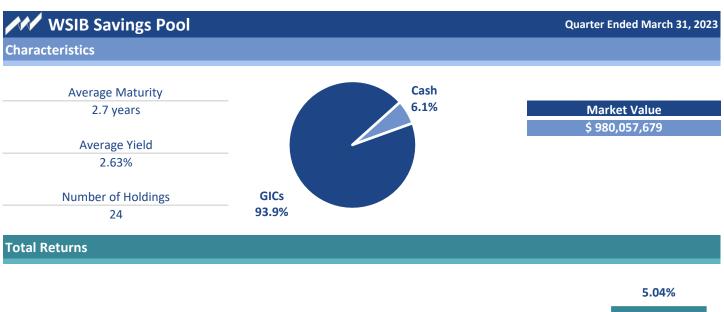
Defined Contribution Plans Page 13

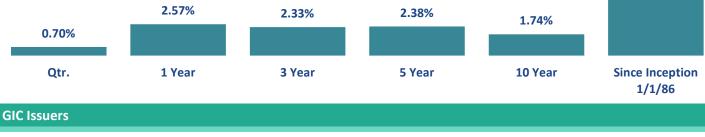
One Year Returns



Balanced ■ Fund ■ Index **Balanced Returns** Qtr. 1 Year 3 Year 5 Year 10 Year **WSIB TAP Fund (Plan 3)** 13.10% 9.69% 9.50% 2.53% -1.33% **Custom Benchmark** 5.76% -6.33% 10.30% 5.33% 6.36% **Socially Responsible Balanced** 2.99% -6.43% 9.26% 6.85% 7.60% **Custom Benchmark** 5.86% -5.83% 9.15% 6.22% 6.97% **Retirement Maturity Strategy** 3.10% -3.44% 5.93% 4.16% 4.09% Composite Index 3.30% -3.84% 5.40% 3.73% 3.73% **Retirement Strategy 2010** 3.45% -3.71% 7.73% 4.77% 5.26% 2010 Composite Index 3.47% -4.44% 6.96% 4.18% 4.83% **Retirement Strategy 2015** 3.81% -4.50% 9.57% 5.34% 6.04% 2015 Composite Index 3.88% -5.27% 8.70% 4.70% 5.58% **Retirement Strategy 2020** -5.15% 11.49% 5.93% 6.71% 4.24% 2020 Composite Index 4.28% -6.05% 10.42% 5.16% 6.19% **Retirement Strategy 2025** 4.49% -5.47% 12.57% 6.18% 7.16% 2025 Composite Index 4.56% -6.37% 11.49% 5.40% 6.63% 13.79% **Retirement Strategy 2030** 4.66% -5.13% 6.48% 7.61% 2030 Composite Index 4.68% -6.36% 12.53% 5.62% 7.04% **Retirement Strategy 2035** 4.66% -5.28% 14.77% 6.60% 7.88% 2035 Composite Index 4.83% -6.34% 13.60% 5.86% 7.37% **Retirement Strategy 2040** 4.88% -5.18% 15.46% 6.78% 8.11% 2040 Composite Index 14.27% 6.04% 5.04% -6.31% 7.62% **Retirement Strategy 2045** 5.19% -5.42% 15.78% 6.81% 8.19% 2045 Composite Index -6.42% 14.78% 5.31% 6.17% 7.74% **Retirement Strategy 2050** 5.44% -5.45% 15.73% 6.79% 8.18% 2050 Composite Index 5.53% -6.41% 14.85% 6.21% 7.76% **Retirement Strategy 2055** 5.42% -5.45% 15.77% 6.81% 8.18% 2055 Composite Index 5.53% -6.41% 14.85% 6.21% 7.76% **Retirement Strategy 2060** 5.44% -5.50% 15.73% 6.80% N/A 2060 Composite Index 5.53% -6.41% 14.85% 6.21% N/A Retirement Strategy 2065 5.51% -5.56% 15.73% N/A N/A 2065 Composite Index 5.53% -6.41% 14.85% N/A N/A

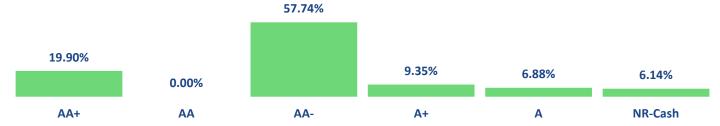
Defined Contribution Plans Page 14





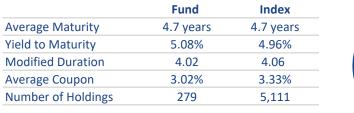
Metropolitan Life Insurance Co.	22.67%	United of Omaha Life Insurance Co.	9.35%
New York Life Insurance Corp.	19.90%	Jackson National Life Insurance Co.	6.88%
Protective Life Insurance Co.	15.32%	Prudential Insurance Co. of America	4.17%
Minnesota Life Insurance Co.	13.02%	Metropolitan Tower Life Insurance Co.	2.57%

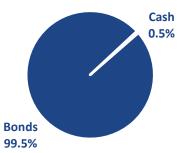
S&P Rating Distribution



Note: Totals may not add up due to rounding.

Characteristics





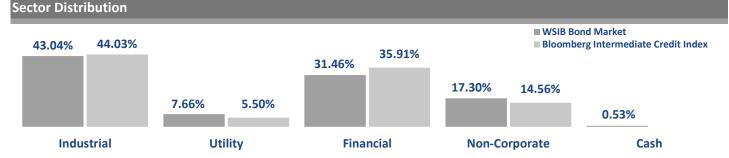
Market Value \$ 2,202,119,699

Total Returns ■ WSIB Bond Market ■ Bloomberg Intermediate Credit Index 4.78% 4.44% 2.57% 2.47% 2.16% 2.25% 1.86% 1.96% 0.69% 0.37% -1.62% -1.88% Qtr. 1 Year 3 Year 5 Year 10 Year **Since Inception** 7/20/00

1.26%	Development Bank of Japan Inc.	1.05%	
1.13%	People's Republic of China	1.01%	
1.07%	Codelco	0.99%	
1.06%	TSMC Global Ltd.	0.93%	
1.05%	HSBC Bank	0.91%	
	1.13% 1.07% 1.06%	1.13% People's Republic of China1.07% Codelco1.06% TSMC Global Ltd.	1.13% People's Republic of China 1.01% 1.07% Codelco 0.99% 1.06% TSMC Global Ltd. 0.93%

Moody's Equivalent Rating Distribution





Note: Totals may not add up due to rounding.

W WSIB TIPS Fund

Characteristics





Labor and Industries' Statutory Accord	unting Returns			
	Qtr.	1 Year	3 Year	5 Year
Accident Fund	1.66%	0.94%	5.81%	4.61%
Medical Aid	2.00%	0.33%	6.05%	4.35%
Pension Reserve	1.39%	2.11%	5.49%	4.64%
Supplemental Pension	0.88%	1.40%	1.28%	1.57%
Duration				
	CMI	Target	Actual	% Difference
Accident Fund	6.72	7.00	6.83	-2.49%
Medical Aid	5.78	6.00	5.81	-3.15%
Pension Reserve	9.59	10.00	8.95	-10.52%

Fixed Income 100.00%

\$100,624,095

\$100,624,095

Total

Fixed Income

Labor and Industries' Funds Page 18

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 & Industries' Funds ● Performance Quarter Ended March 31,					
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	3.90%	-4.41%	1.07%	2.78%	3.06%
CMI	4.00%	-4.87%	1.42%	2.52%	2.86%
Medical Aid	3.91%	-4.12%	2.24%	3.04%	3.21%
CMI	3.95%	-4.24%	2.65%	2.80%	3.02%
Pension Reserve	4.14%	-7.09%	-1.03%	2.06%	2.83%
CMI	4.59%	-7.47%	-0.52%	1.75%	2.49%
Supplemental Pension	1.29%	2.06%	0.33%	1.46%	1.11%
CMI	N/A	N/A	N/A	N/A	N/A
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	7.10%	-7.28 %	15.98%	6.92%	8.66%
Medical Aid	7.09%	-7.28%	15.98%	6.93%	8.68%
Pension Reserve	7.10%	-7.26%	15.98%	6.94%	8.66%
Equity Benchmark	7.03%	-7.41%	15.95%	6.88%	8.61%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	3.23%	-3.89%	-1.71%	1.72%	2.18%
CMI	3.36%	-4.49%	-1.41%	1.39%	1.94%
Medical Aid	2.98%	-3.19%	-1.28%	1.71%	2.06%
CMI	3.02%	-3.48%	-0.94%	1.36%	1.81%
Pension Reserve	3.79%	-7.12%	-3.02%	1.31%	2.11%
CMI	4.29%	-7.57%	-2.47%	0.98%	1.76%
Supplemental Pension	1.29%	2.06%	0.33%	1.46%	1.11%
CMI	N/A	N/A	N/A	N/A	N/A
Real Estate Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	1.40%	17.79%	1.77%	N/A	N/A
Medical Aid	1.40%	18.18%	1.92%	N/A	N/A
Pension Reserve	1.38%	18.34%	2.01%	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.

Labor and Industries' Funds Page 19

/// Permanent	Funds		Quarter Ended March 31, 202
Agricultural			
Total Equity Fixed Income Cash	\$279,069,774 \$114,919,959 \$162,505,131 \$1,644,684	Equity 41.2%	Fixed Income 58.8%
Normal School			
Total Equity Fixed Income Cash	\$314,044,599 \$132,145,049 \$181,554,259 \$345,291	Equity 42.1%	Fixed Income 57.9%
Scientific Permanent			
Total Equity Fixed Income Cash	\$314,470,757 \$128,832,172 \$185,369,677 \$268,908	Equity 41.0%	Fixed Income 59.0%
State University			
Total Equity Fixed Income Cash	\$42,553,935 \$17,812,089 \$24,724,134 \$17,712	Equity 41.9%	Fixed Income 58.1%
Common School			
Total Equity Fixed Income Cash	\$242,349,862 \$101,252,125 \$141,071,596 \$26,141	Equity 41.8%	Fixed Income 58.2%
American Indian Scho	larship Endowment Fund (Al	SEF)	
Total Fixed Income	\$321,051 \$303,394	Fi	ixed Income Cash

Permanent Funds Page 20

94.5%

\$17,658

Cash

5.5%

Permanent Fund	Quarter Ei	nded March 31,			
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	4.61%	-5.04%	4.20%	4.19%	4.57%
Custom Benchmark	4.71%	-5.51%	3.74%	3.82%	4.46%
Normal School	4.64%	-5.04%	4.22%	4.19%	4.55%
Custom Benchmark	4.71%	-5.51%	3.74%	3.81%	4.43%
Scientific Permanent	4.60%	-5.05%	4.19%	4.19%	4.57%
Custom Benchmark	4.71%	-5.51%	3.74%	3.83%	4.47%
State University	4.65%	-5.00%	4.23%	4.20%	4.57%
Custom Benchmark	4.71%	-5.51%	3.74%	3.81%	4.45%
Common School	4.63%	-5.04%	4.21%	4.18%	4.60%
Custom Benchmark	4.71%	-5.51%	3.74%	3.80%	4.49%
AISEF	2.94%	-3.31%	-2.08%	1.38%	1.61%
Custom Benchmark	2.96%	-4.78%	-2.77%	0.81%	1.29%
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	6.93%	-6.96%	16.66%	8.25%	10.17%
Normal School	6.93%	-6.96%	16.66%	8.25%	10.17%
cientific Permanent	6.93%	-6.96%	16.66%	8.25%	10.18%
State University	6.93%	-6.96%	16.66%	8.25%	10.17%
Common School	6.93%	-6.96%	16.66%	8.25%	10.17%
Custom Benchmark	7.34%	-7.29%	16.53%	8.37%	10.66%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	3.04%	-3.61%	-2.21%	1.42%	1.66%
Normal School	3.04%	-3.61%	-2.21%	1.42%	1.66%
Scientific Permanent	3.04%	-3.61%	-2.21%	1.42%	1.66%
State University	3.04%	-3.61%	-2.21%	1.42%	1.66%
Common School	3.04%	-3.61%	-2.21%	1.42%	1.66%
AISEF	3.04%	-3.61%	-2.21%	1.42%	1.66%
Bloomberg Aggregate	2.96%	-4.78%	-2.77%	0.91%	1.36%
Cash Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
AISEF	1.07%	2.58%	0.89%	1.30%	0.79%
90 Day Tbill	1.12%	2.60%	0.92%	1.43%	0.89%

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.

Permanent Funds Page 21



Guaranteed Education Tuition (GET)

Total	\$1,560,377,174
Equity	\$633,567,981
Fixed Income	\$924,817,888
Cash	\$1,991,305

Equity 40.6%

Fixed Income and Cash 59.4%

Developmental Disabilities Endowment Fund (DDEF)

Private Total Balanced Fund Cash	\$87,019,014 \$87,010,754 \$8,260		Balanced Fund 100.0%
State Total	\$13,189,417		
Equity	\$4,879,762	Equity	Fixed Income and Cash
Fixed Income	\$8,306,782	37.0%	63.0%
Cash	\$2.873		

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

Total	\$226,247,296		
Equity	\$162,001,512	Equity	Fixed Income and Cash
Fixed Income	\$64,240,180	71.6%	28.4%
Cash	\$5,604		25.170

GET, DDEF, and VFFRO Page 22

/// GET, DDEF, and VFFRO ● Performance				Quarter	Quarter Ended March 31, 2023	
GET Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Total	4.35%	-3.85%	6.79%	4.35%	5.32%	
Passive Benchmark	4.30%	-3.84%	6.61%	4.12%	5.11%	
Inflation CPI + 3.25%	1.75%	8.24%	8.60%	7.12%	5.90%	
Equity	7.10%	-7.12%	16.17%	6.95%	8.39%	
Custom Benchmark	7.03%	-7.41%	15.95%	6.88%	8.27%	
Fixed Income	2.57%	-1.62%	0.69%	2.17%	1.70%	
Custom Benchmark	2.47%	-1.88%	0.37%	1.86%	1.53%	
DDEF Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Total Private	5.56%	-7.04%	9.67%	6.85%	7.67%	
Balanced Fund	5.56%	-7.04%	9.68%	6.85%	7.67%	
Balanced Fund Benchmark	5.59%	-6.58%	10.01%	7.18%	7.92%	
Total State	4.41%	-3.29%	6.16%	4.12%	3.50%	
Inflation CPI	0.94%	4.99%	5.35%	3.87%	2.65%	
State Equity	7.69%	-6.78%	16.15%	7.00%	8.49%	
Custom Benchmark	7.03%	-7.41%	15.95%	6.88%	8.27%	
State Fixed Income	2.57%	-1.62%	0.69%	2.15%	1.75%	
Custom Benchmark	2.47%	-1.88%	0.37%	1.86%	1.52%	
VFFRO Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Total	5.76%	-5.52%	-0.57%	1.53%	7.59%	
Custom Benchmark	5.67%	-5.53%	3.29%	1.26%	6.56%	
Equity	7.07%	-7.32%	N/A	N/A	-8.84%	
MSCI ACWI IMI w/ U.S. Gross	7.03%	-7.41%	N/A	N/A	-9.02%	
Fixed Income	2.57%	-1.62%	N/A	N/A	-4.69%	
Bloomberg Intermediate Credit	2.47%	-1.88%	N/A	N/A	-5.01%	

GET Benchmarks: Equity: MSCI ACWI IMI w/U.S. Gross and a historical blend, Fixed Income: Bloomberg Intermediate Credit and a historical blend.

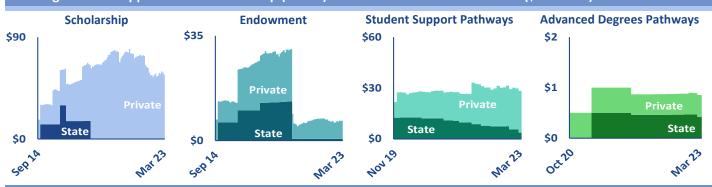
DDEF Balanced Fund benchmark: 60% CRSP U.S. Total Market Index & 40% Bloomberg U.S. Aggregate and a historical blend.

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.

GET, DDEF, and VFFRO Page 23

Washington State Opportunities Scholarship (WSOS) Private and State Match Assets (\$ Millions)



Scholarship

Private Total	\$56,775,393
Equity	\$16,454,131
Fixed Income	\$40,254,782
Cash	\$66,480

State Match Total\$0Cash\$0

Equity Fixed Income and Cash 71.0%

Endowment

Private Total	\$6,089,885
Equity	\$4,876,396
Fixed Income	\$1,212,143
Cash	\$1,346

State Match Total\$600,418Cash\$600,418

Equity Fixed Income and Cash 19.9%

Student Support Pathways

Private Total	\$24,576,926
Equity	\$7,491,745
Fixed Income	\$16,972,741
Cash	\$112,440

 State Match Total
 \$3,713,573

 Cash
 \$3,713,573

Equity	Fixed Income and Cash
30.5%	69.5%

Advanced Degrees Pathways

State Match Total

Cash

Private Total	\$430,861		
Equity	\$134,471	Equity	Fixed Income and Cash
Fixed Income	\$294,608	31.2%	68.8%
Cash	\$1,782		

\$421,915 \$421,915

WSOS Page 24

/// WSOS ● Performance				Quarter	Quarter Ended March 31, 2023	
Total Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship						
Private	3.91%	-2.56%	4.58%	3.18%	4.29%	
Private Benchmark	3.85%	-2.75%	4.34%	3.05%	4.25%	
State Match	0.00%	0.00%	0.00%	0.74%	0.61%	
State Match Benchmark	1.12%	2.60%	0.92%	1.43%	1.05%	
Endowment						
Private	6.11%	-6.27%	13.08%	5.30%	6.15%	
Private Benchmark	6.12%	-6.14%	12.85%	6.06%	6.52%	
State Match	1.07%	2.58%	0.89%	1.30%	0.94%	
State Match Benchmark	1.12%	2.60%	0.92%	1.43%	1.05%	
Student Support Pathways						
Private	3.88%	-2.59%	4.61%	N/A	2.31%	
Private Benchmark	3.85%	-2.75%	4.34%	N/A	1.83%	
State Match	1.07%	2.58%	0.89%	N/A	0.93%	
State Match Benchmark	1.12%	2.60%	0.92%	N/A	1.05%	
Advanced Degrees Pathways						
Private	3.92%	5.38%	N/A	N/A	2.21%	
Private Benchmark	3.85%	5.37%	N/A	N/A	2.23%	
State Match	1.07%	2.58%	N/A	N/A	1.27%	
State Match Benchmark	1.12%	2.60%	N/A	N/A	1.30%	
Equity Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship	7.06%	-7.35%	15.94%	7.19%	7.58%	
Endowment	7.03%	-7.36%	16.01%	7.04%	7.57%	
Student Support Pathways	7.03%	-7.39%	15.91%	N/A	7.59%	
Advanced Degree Pathways	7.04%	N/A	N/A	N/A	8.09%	
MSCI ACWI IMI w/ U.S. Gross	7.03%	-7.41%	15.95%	6.88%		
Fixed Income Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship	2.57%	-1.62%	0.68%	2.14%	2.29%	
Endowment	2.57%	-1.62%	0.69%	2.15%	2.30%	
Student Support Pathways	2.57%	-1.62%	0.70%	N/A	0.17%	
Advanced Degree Pathways	2.57%	N/A	N/A	N/A	2.12%	
Bloomberg Intermediate Credit	2.47%	-1.88%	0.37%	1.86%		

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.

WSOS Page 25