Investment Reports

Quarterly Report – March 31, 2022

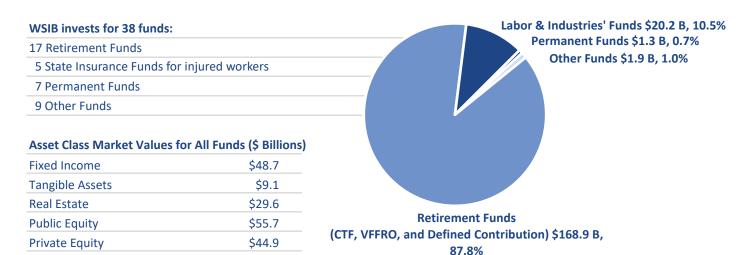
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\$1.0

\$3.2

\$192,276,235,879

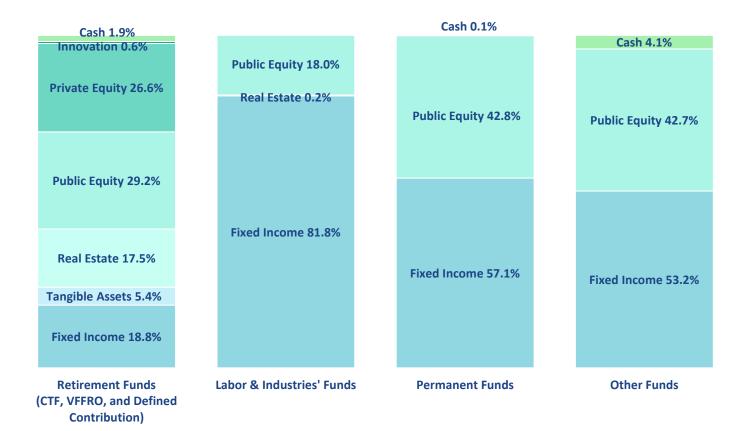
Stakeholder Overview



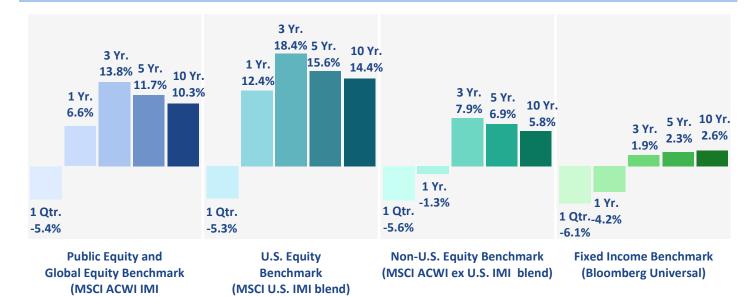
Asset Class Overview for All Funds

Innovation

Cash

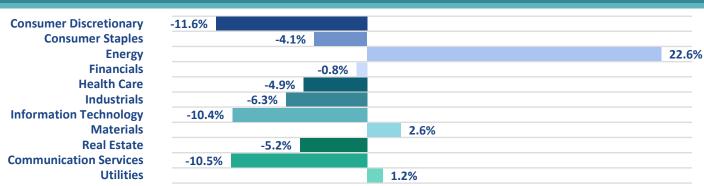


Index Returns



Quarterly Industry Returns MSCI ACWI IMI

w/U.S. Gross blend)



Capital Market Highlights

- Global markets faced the shock of Russia's invasion of Ukraine; Russia received widespread condemnation and strict sanctions.
- Equities declined; bond prices fell/yields increased; commodity prices rose.
- U.S. inflation hit 8.5% in March. Unemployment dropped to 3.6%; wage growth was 5.6% year-on-year.
- Developed equity markets declined 5.3% during Q1 but are up 8.7% for the past 12 months.
- Driven by oil and gas prices, the energy sector advanced 22.6% and is up 42.4% for the past 12 months.
- The Fed raised the target rate 0.25% on March 16 and indicated more increases will follow.
- U.S. interest rates increased dramatically. The U.S. 10-year Treasury rate jumped 0.8% to end at 2.3% -- its highest monthly close since April 30, 2019.

Capital Markets Page 3

CTF ■ Allocation & Historical Quarter Ended March 31, 2022 **Actual Asset Allocation Asset Class Market Value** by Asset Class with Overlay **Market Value Changes** \$ 27,321,824,473 17.4% Fixed Income 19.6% 5.8% Quarter **Tangible Assets** \$ 9,116,953,295 5.8% 18.9% 18.9% \$ 546,082,490 **Real Estate** \$ 29,598,970,258 **Public Equity** \$ 41,518,870,843 26.5% 26.3% **Fiscal Year Private Equity** \$ 44,872,262,442 28.7% 28.7% Innovation 0.7% 0.7% \$ 14,051,167,913 \$ 1,039,042,680 Cash \$ 3,132,154,499 2.0% 0.1% **Total Fund** \$ 156,600,078,491 **Actual Allocation** 35.0% Range June 2020 30.0% June 2021 Q1 2022 23.0% 21.0% 25.0% 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% 9.8% 8.4% 4.9% 3.7% 2.7% 1.4% 2012 2016 2013 2014 2015 2017 2018 2019 2020 2021 **FYTD 2022** Historical Growth of the CTF ● Fiscal Years Ended June 30 ■ % of Defined Benefit ■ % of Defined Contribution 9.6% 8.9% 8.9% 9.0% 8.9% 8.9% 8.7% 8.8% 90.4% 8.5% 8.4% 8.1% 91.1% 91.1% 91.0% 91.1% 91.1% 91.3% 91.2% 91.5% 91.6% 91.9% \$61.8 \$67.9 \$78.1 \$80.5 \$81.6 \$91.6 \$100.3 \$108.0 \$111.5 \$142.5 \$156.6

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

2014

2015

2016

2013

2012

CTF Page 4

2017

2018

2019

2020

2021

FYTD 2022

				4.14	6 V		401/	20.1/
	4		Qtr.	1 Year	3 Year	5 Year	10 Year	20 Year
Total Fund	\$156,600,078,491	100.0%	0.60%	16.53%	15.05%	12.72%	10.83%	8.89%
Passive Benchmark ²	2		-5.59%	3.21%	10.30%	8.96%	8.03%	6.87%
Implementation Value A			0.09%	10.28%	12.89%	10.69%	9.86%	
TUCS Public Fund >\$1B N			-2.91%	7.68%	11.02%	9.35%	9.05%	
TUCS Public/Corporate F	und >\$1B Median⁴		-3.61%	6.81%	10.42%	9.23%	8.62%	
Fixed Income	\$27,321,824,473	17.4%	-5.46%	-3.52%	2.85%	3.11%	2.90%	4.90%
Bloomberg Universal			-6.11%	-4.23%	1.85%	2.31%	2.57%	4.31%
Tangible Assets ⁵	\$9,116,953,295	5.8%	4.23%	12.62%	8.35%	7.31%	5.36%	
CPI (Lagged One Quarter	r) + 400 bp		3.16%	11.10%	7.51%	6.92%	6.12%	
Real Estate ⁵	\$29,598,970,258	18.9%	11.32%	34.48%	18.52%	15.51%	14.20%	11.61%
8% Return Over Rolling 1	LO Years						8.00%	
NCREIF (Lagged One Qua	arter)		6.15%	17.70%	8.37%	7.75%	9.32%	8.69%
Public Equity ⁶	\$41,518,870,843	26.5%	-5.74%	5.92%	13.10%	11.50%	10.39%	7.86%
Custom Benchmark			-5.41%	6.55%	13.81%	11.69%	10.28%	7.91%
Private Equity ⁵	\$44,872,262,442	28.7%	4.32%	35.38%	26.14%	21.44%	16.96%	14.00%
Custom Benchmark ⁹			6.95%	21.50%	23.54%	17.45%	15.18%	10.08%
Innovation ⁵	\$1,039,042,680	0.7%	3.29%	21.00%	13.37%	-0.82%	2.08%	
Custom Benchmark ⁷			1.66%	10.86%	16.75%	11.45%	5.38%	
Overlay ⁸	\$409,422,062		-0.11%	-0.13%	0.02%	0.03%	0.04%	0.05%
Cash	\$2,722,732,438	2.0%	0.03%	0.06%	0.80%	1.18%	0.72%	1.31%
90 Day T-Bills			0.04%	0.06%	0.81%	1.14%	0.65%	1.29%

Outperformed the Composite Benchmark Und

Underperformed the Composite Benchmark

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.

 $^{^{\}rm 6}\,{\rm Public}\,{\rm Equity}\,{\rm Benchmark:}\,$ 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	arch 31, 2022
Global Markets				\$13,73	0,201,157
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Global	-6.83%	3.92%	13.12%	12.65%	11.54%
MSCI ACWI IMI w/ U.S. Gross	-5.41%	6.55%	13.81%	11.69%	10.28%
Arrowstreet Capital	-4.73%	6.08%	17.89%	15.10%	14.10%
GQG Partners	3.33%				
LSV Asset Management	0.05%				
Magellan	-9.48%	0.54%	9.93%	11.62%	
Sands	-18.73%				
William Blair & Company	-13.31%	0.68%	16.00%	15.41%	11.99%
Non-U.S. Markets				\$11,15	0,181,887
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total Non-U.S. Equity	-5.01%	-0.32%	7.19%	6.32%	5.56%
Custom Benchmark	-5.60%	-1.27%	7.87%	6.92%	5.78%
Total Developed	-4.33%	2.74%	8.23%	7.11%	6.67%
Custom Benchmark	-5.18%	2.31%	8.69%	7.22%	6.46%
Mondrian Investment Partners	-1.24%	3.31%	5.09%	4.99%	5.67%
SSgA	-5.04%	2.74%	9.20%	7.74%	6.97%
Total Emerging	-6.68%	-7.30%	4.58%	4.20%	2.50%
Custom Benchmark	-6.65%	-9.49%	5.74%	6.19%	3.59%
BlackRock Trust Company EM IMI	-6.74%	-9.80%	5.43%	5.91%	
Brandes Investment Partners	-11.62%	-9.25%	-0.95%	0.46%	
GQG Partners	-4.91%	-5.38%			
LSV Asset Management	-0.69%	3.34%			
πι	-11.70%	-17.68%			
U.S. Markets				\$16,63	6,764,584
	Qtr.	1 Year	3 Year	5 Year	10 Year
Total U.S. Equity	-5.27%	12.40%	17.84%	15.00%	14.08%
MSCI U.S. IMI (Gross)	-5.28%	12.39%	18.45%	15.55%	14.37%

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.

Outperformed the Composite Benchmark Underperformed the Composite Benchmark

Global Markets \$13,730,201,157

Arrowstreet Capital	\$4,799,277,825	35.0%
GQG Partners	\$1,692,639,320	12.3%
LSV Asset Management	\$1,515,763,724	11.0%
Magellan	\$2,870,800,306	20.9%
Sands	\$902,624,179	6.6%
William Blair & Company	\$1,944,264,880	14.2%



Non-U.S. Markets \$11,150,181,887

Developed

Mondrian Investment Partners	\$1,537,383,112	19.3%
SSgA	\$6,432,780,450	80.7%



Emerging

BlackRock Trust Company EM IMI	\$276,457,038	8.7%
Brandes Investment Partners	\$572,695,143	18.0%
GQG Partners	\$962,078,391	30.3%
LSV Asset Management	\$787,446,606	24.8%
ТТІ	\$581,335,732	18.3%



U.S. Markets \$16,636,764,584

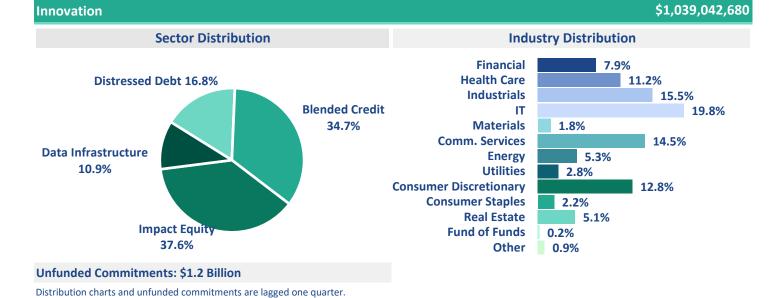
BlackRock Trust Company \$16,636,764,584 **100.0%**



Transition Accounts for Public Equity \$6,559,552

Top Ten Geographies	s by Weight	Top Ten Holdings	
United States	60.2%	Microsoft Corp.	3.4%
Japan	6.1%	Alphabet Inc.	2.7%
United Kingdom	5.2%	Apple Inc.	2.7%
France	2.6%	Amazon.com Inc.	1.8%
Switzerland	2.4%	Visa Inc.	0.9%
Germany	2.4%	UnitedHealth Group Inc.	0.9%
China	2.3%	Tesla Inc.	0.8%
Canada	2.2%	Johnson & Johnson	0.8%
Netherlands	1.9%	Procter & Gamble	0.7%
Australia	1.6%	Mastercard Inc.	0.7%
WSIB	U.S. 60.2%	Other Developed Countries 30.6%	Emerging 9.2%
MSCI ACWI IMI w/U.S. Gross	U.S. 60.3%	Other Developed Countries 28.5%	Emerging 11.2%

Fixed Income								\$	27,321,8	24,473
	Duration				Se	ector V	Veightin	ıg		
WSIB Portfolio	Dec 21 6.11	Mar 22 6.02				72.8%				
Bloomberg Universal	6.54	6.36		1%		40.6%	v			
Difference	-6.57%	-5.35%	Cash 1.2%	Treasury 33.	Agency 1.1%	Credit 4	MBS 5.3% 23.2%	CMO 0.3%	CMBS 0.3%	ABS 0.1% 0.3%



33.7%

Fund of Funds

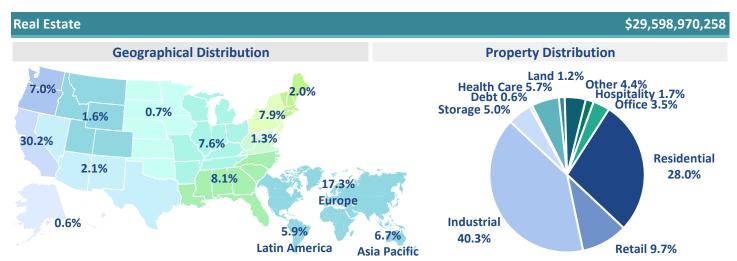
Other

0.2%

1.4%

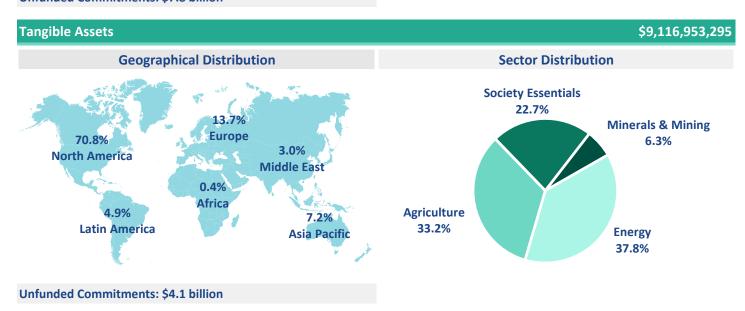
Unfunded Commitments: \$17.3 billion

Co-Investment 7.6%



0.5% is in loan portfolios spread across multiple U.S. regions. 0.7% is spread across multiple countries.

Unfunded Commitments: \$7.8 billion



Distribution charts and unfunded commitments are lagged one quarter.

Teachers' Retirement System (TRS)

	% of Assets	Fund Options	Market Value	Quarterly Change
	64.4%	WSIB TAP	\$8,549,466,515	\$27,073,004
	0.8%	Socially Responsible Balanced	111,053,231	(6,790,474)
	0.3%	Retirement Maturity Strategy	36,829,717	(635,448)
	0.4%	Retirement Strategy 2010	55,864,969	82,789
	0.9%	Retirement Strategy 2015	115,277,411	(7,862,234)
	2.2%	Retirement Strategy 2020	290,834,036	(16,181,848)
	3.6%	Retirement Strategy 2025	484,286,018	(21,755,920)
%	3.4%	Retirement Strategy 2030	450,217,312	(17,211,384)
18.1%	2.7%	Retirement Strategy 2035	358,040,148	(12,652,961)
1	1.8%	Retirement Strategy 2040	233,396,033	(5,549,897)
	1.1%	Retirement Strategy 2045	146,308,693	(3,258,677)
	0.8%	Retirement Strategy 2050	108,833,166	(2,586,119)
	0.7%	Retirement Strategy 2055	90,660,332	(1,762,760)
	0.2%	Retirement Strategy 2060	30,681,259	369,422
	0.0%	Retirement Strategy 2065	3,933,631	(264,506)
	8.6%	U.S. Large Stock	1,146,791,271	(64,548,487)
	1.6%	U.S. Small Value Stock	209,521,679	(6,066,398)
	1.3%	Global Equity	178,906,328	(11,791,294)
	0.5%	Emerging Markets Equity	60,131,184	(5,299,028)
	2.3%	WSIB Bond Market	299,709,156	(18,530,892)
	2.3%	STIF	311,521,842	14,508,730
		Total	\$13,272,263,931	(\$160,714,382)

Cabaa Errara	lovees' Retirement System	/CEDC\
	TANVISION RESIDENCE SVISITE OF	ISERSI

	% of Assets	Fund Options	Market Value	Quarterly Change
	75.4%	WSIB TAP	\$2,208,706,028	(\$4,028,497)
	0.5%	Socially Responsible Balanced	15,680,062	(1,448,985)
	0.2%	Retirement Maturity Strategy	6,281,003	(512,612)
	0.5%	Retirement Strategy 2010	14,084,303	(1,260,506)
	0.9%	Retirement Strategy 2015	27,832,087	(1,602,493)
	2.1%	Retirement Strategy 2020	60,924,334	(3,510,815)
	3.1%	Retirement Strategy 2025	91,253,561	(3,738,014)
%	1.9%	Retirement Strategy 2030	55,460,500	(2,354,514)
15.0%	1.8%	Retirement Strategy 2035	52,173,313	(1,453,355)
П	1.2%	Retirement Strategy 2040	36,556,895	(848,863)
	1.1%	Retirement Strategy 2045	30,814,027	(647,024)
	0.9%	Retirement Strategy 2050	26,056,406	(582,518)
	0.9%	Retirement Strategy 2055	25,399,430	(614,935)
	0.4%	Retirement Strategy 2060	12,861,488	(195,598)
	0.0%	Retirement Strategy 2065	1,212,906	94,399
	3.9%	U.S. Large Stock	113,021,770	(8,567,880)
	0.8%	U.S. Small Value Stock	24,420,146	(1,506,960)
	0.6%	Global Equity	17,146,452	(624,309)
	0.2%	Emerging Markets Equity	6,009,320	(704,080)
	1.1%	WSIB Bond Market	31,062,060	(1,923,925)
	2.5%	STIF	73,965,446	1,744,949
		Total	\$2,930,921,537	(\$34,286,534)

Note: Totals may not add up due to rounding.

/// De	fined Contribu	ition Plans ● Plans 3 ● PERS		Quarter Ended March 31, 2022
ublic Em	ployees' Retiremer	nt System (PERS)		
	% of Assets	Fund Options	Market Value	Quarterly Change
	61.6%	WSIB TAP	\$2,928,374,111	\$8,856,871
	1.0%	Socially Responsible Balanced	49,608,331	(2,873,007)
	0.3%	Retirement Maturity Strategy	15,235,398	(954,000)
	0.6%	Retirement Strategy 2010	26,753,172	(1,244,829)
	0.9%	Retirement Strategy 2015	40,920,021	(2,337,389)
	2.0%	Retirement Strategy 2020	94,922,279	(6,687,864)
	3.8%	Retirement Strategy 2025	179,302,189	(12,118,249)
%	3.2%	Retirement Strategy 2030	151,572,462	(6,207,378)
21.9%	2.9%	Retirement Strategy 2035	138,201,481	(4,015,914)
2	2.1%	Retirement Strategy 2040	101,278,502	(3,343,427)
	2.0%	Retirement Strategy 2045	97,356,951	(2,874,788)
	1.8%	Retirement Strategy 2050	87,065,529	(2,011,944)
	1.5%	Retirement Strategy 2055	72,901,589	(1,879,652)
	0.6%	Retirement Strategy 2060	30,040,068	(725,659)
	0.1%	Retirement Strategy 2065	3,276,119	247,411
	7.0%	U.S. Large Stock	331,695,008	(21,194,106)
	2.0%	U.S. Small Value Stock	93,293,841	(3,616,548)
	1.3%	Global Equity	61,730,136	(4,095,147)
	0.5%	Emerging Markets Equity	22,838,750	(2,213,327)
	1.5%	WSIB Bond Market	69,257,313	(4,872,139)

157,738,821

\$4,753,362,069

Note: Totals may not add up due to rounding.

3.3%

STIF

Total

1,395,687 (\$**72,765,398**)

Defined Contribution Plans DCP and JRA Quarter Ended March 31, 20

Deferred Compensation Program (DCP)

	% of Assets	Fund Options	Market Value	Quarterly Change
	3.6%	Socially Responsible Balanced	\$219,813,860	(\$14,006,305)
	1.3%	Retirement Maturity Strategy	77,224,910	(6,042,137)
	1.7%	Retirement Strategy 2010	102,269,551	(4,853,711)
	4.3%	Retirement Strategy 2015	265,369,027	(18,826,613)
	8.3%	Retirement Strategy 2020	513,201,897	(37,126,032)
	11.2%	Retirement Strategy 2025	690,181,797	(48,521,278)
> º	8.8%	Retirement Strategy 2030	545,035,617	(20,249,671)
53.2%	6.6%	Retirement Strategy 2035	406,234,848	(10,290,093)
55	4.3%	Retirement Strategy 2040	262,182,876	(5,904,446)
	3.0%	Retirement Strategy 2045	186,050,541	(3,445,451)
	1.7%	Retirement Strategy 2050	107,230,979	620,239
	1.1%	Retirement Strategy 2055	70,826,349	543,600
	0.7%	Retirement Strategy 2060	42,289,584	571,018
	0.2%	Retirement Strategy 2065	11,616,101	1,306,031
	13.7%	U.S. Large Stock	844,508,756	(48,924,798)
	4.9%	U.S. Small Value Stock	301,230,268	(14,263,188)
	3.6%	Global Equity	222,775,697	(17,930,519)
	1.3%	Emerging Markets Equity	78,011,602	(8,074,549)
	4.1%	WSIB Bond Market	253,009,262	(24,014,299)
	15.6%	WSIB Savings Pool	964,238,430	34,314,185
		Total	\$6,163,301,952	(\$245,118,016)

Judicial Retirement Account (JRA)					
	% of Assets	Fund Options	Market Value	Quarterly Change	
	4.7%	Socially Responsible Balanced	\$431,844	(\$23,628)	
	0.6%	Retirement Maturity Strategy	54,724	(10,113)	
	3.9%	Retirement Strategy 2010	361,439	(14,084)	
	12.5%	Retirement Strategy 2015	1,156,751	(65,323)	
	14.3%	Retirement Strategy 2020	1,321,799	(58,898)	
	8.2%	Retirement Strategy 2025	758,744	(35,213)	
%	3.5%	Retirement Strategy 2030	324,608	(16,269)	
44.0%	0.7%	Retirement Strategy 2035	68,003	(3,144)	
4	0.0%	Retirement Strategy 2040	0	0	
	0.1%	Retirement Strategy 2045	8,036	(708)	
	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	
	15.6%	U.S. Large Stock	1,438,696	(63,108)	
	5.4%	U.S. Small Value Stock	497,649	(21,894)	
	5.8%	Global Equity	536,719	(34,521)	
	1.3%	Emerging Markets Equity	122,720	(13,509)	
	2.5%	WSIB Bond Market	229,054	(13,021)	
	20.7%	WSIB Savings Pool	1,908,558	(119,039)	
		Total	\$9,219,341	(\$492,471)	

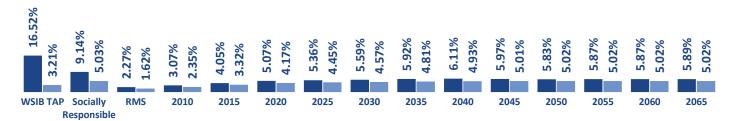
Note: Totals may not add up due to rounding.

Define	d Contr	ibution Plans	Performance		Quarter	Ended March 31, 2022
One Year Retur	ns					
15.68%	6.01%	%05.0 -	3.32%	0.17%	0.09%	■ Fund ■ Index
U.S. Large Stock	Global Equity	%65-6- Emerging Markets Equity	U.S. Small Value Stock	Mon Mark		WSIB Bond Market
Equity Returns						
U.S. Large Stock S&P 500 Global Equity MSCI ACWI IMI Emerging Market MSCI EM IMI	ts Equity	Qtr4.59% -4.60% -5.69% -5.47% -7.34% -6.65%	1 Year 15.68% 15.63% 6.01% 6.30% -10.35% -9.49%	3 Year 18.97% 18.91% 13.70% 13.49% 5.31% 5.74%	5 Year 16.04% 15.98% 11.69% 11.37% 5.93% 6.19%	10 Year 14.69% 14.63% 10.36% 9.95% 3.39% 3.59%
U.S. Small Value Russell 2000 Valu		-2.42% -2.40%	3.24% 3.32%	12.82% 12.73%	8.74% 8.57%	10.75% 10.54%
Fixed Income R		20,0	3.62,7		5.67,0	20.0 1,70
WSIB Bond Mark Bloomberg Interr		Qtr. -4.83% edit -5.07%	1 Year - 3.54% -4.05%	3 Year 2.48% 2.10%	5 Year 2.76% 2.47%	10 Year 3.02% 2.74%
Cash Returns						
STIF (Plan 3) One Month LIBO	R	Qtr. 0.06% 0.04%	1 Year 0.17% 0.09%	3 Year 0.87% 0.53%	5 Year 1.27% 0.82%	10 Year 0.79% 0.53%
WSIB Savings Po	ol (DCP)	0.52%	2.16%	2.33%	2.27%	1.67%

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

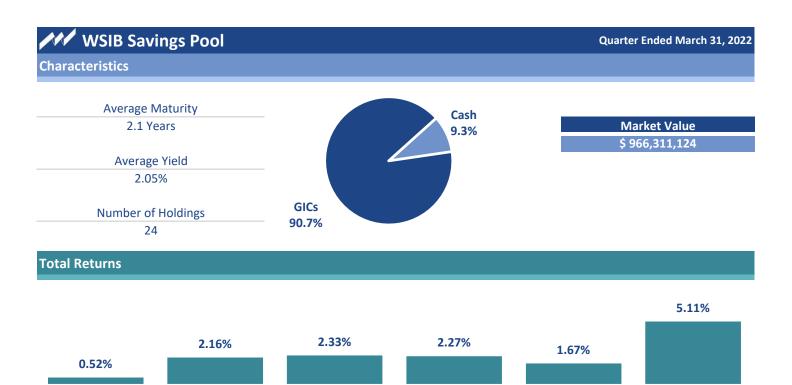
Defined Contribution Plans Page 13

One Year Returns



Balanced					■ Fund ■ Index
Balanced Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
WSIB TAP Fund (Plan 3)	0.61%	16.52%	15.05%	12.71%	10.83%
Custom Benchmark	-5.59%	3.21%	10.30%	8.96%	8.03%
Socially Responsible Balanced	-5.20%	9.14%	11.07%	10.19%	9.01%
Custom Benchmark	-5.38%	5.03%	10.70%	9.33%	8.59%
Retirement Maturity Strategy	-3.50%	2.27%	6.74%	5.96%	5.24%
Composite Index	-3.83%	1.62%	6.21%	5.47%	4.97%
Retirement Strategy 2010	-3.72%	3.07%	7.95%	7.13%	6.66%
2010 Composite Index	-3.98%	2.35%	7.24%	6.53%	6.42%
Retirement Strategy 2015	-4.01%	4.05%	9.31%	8.21%	7.61%
2015 Composite Index	-4.21%	3.32%	8.49%	7.57%	7.37%
Retirement Strategy 2020	-4.24%	5.07%	10.63%	9.24%	8.39%
2020 Composite Index	-4.45%	4.17%	9.65%	8.49%	8.13%
Retirement Strategy 2025	-4.41%	5.36%	11.26%	9.81%	8.93%
2025 Composite Index	-4.61%	4.45%	10.24%	9.00%	8.66%
Retirement Strategy 2030	-4.40%	5.59%	11.73%	10.25%	9.33%
2030 Composite Index	-4.69%	4.57%	10.69%	9.44%	9.10%
Retirement Strategy 2035	-4.39%	5.92%	12.10%	10.61%	9.57%
2035 Composite Index	-4.75%	4.81%	11.18%	9.86%	9.42%
Retirement Strategy 2040	-4.42%	6.11%	12.56%	10.94%	9.78%
2040 Composite Index	-4.80%	4.93%	11.67%	10.21%	9.67%
Retirement Strategy 2045	-4.71%	5.97%	12.82%	11.11%	9.87%
2045 Composite Index	-4.89%	5.01%	12.08%	10.46%	9.81%
Retirement Strategy 2050	-4.87%	5.83%	12.79%	11.09%	9.88%
2050 Composite Index	-4.94%	5.02%	12.15%	10.50%	9.83%
Retirement Strategy 2055	-4.85%	5.87%	12.82%	11.11%	9.89%
2055 Composite Index	-4.94%	5.02%	12.15%	10.50%	9.83%
Retirement Strategy 2060	-4.83%	5.87%	12.83%	11.11%	N/A
2060 Composite Index	-4.94%	5.02%	12.15%	10.50%	N/A
Retirement Strategy 2065	-4.84%	5.89%	N/A	N/A	N/A
2060 Composite Index	-4.94%	5.02%	N/A	N/A	N/A

Defined Contribution Plans Page 14



GIC Issuers Metropolitan Life Insurance Co. 19.10% Jackson National Life Insurance Co. 9.69% Protective Life Insurance Co. United of Omaha Life Insurance Co. 9.44% 18.88% New York Life Insurance Corp. 17.73% Prudential Insurance Co. of America 2.93% Minnesota Life Insurance Co. 12.89% **S&P Rating Distribution**

5 Year

10 Year

3 Year



Note: Totals may not add up due to rounding.

Qtr.

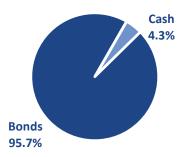
1 Year

Since Inception

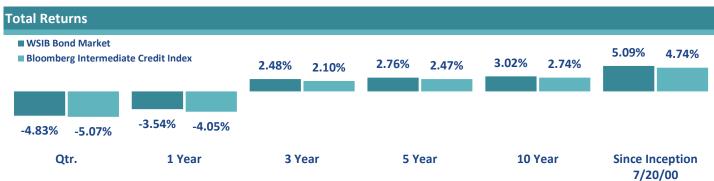
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Characteristics

	Fund	Index
Average Maturity	4.9 years	4.9 years
Yield to Maturity	3.16%	3.23%
Modified Duration	4.27	4.32
Average Coupon	2.59%	2.95%
Number of Holdings	265	4,827



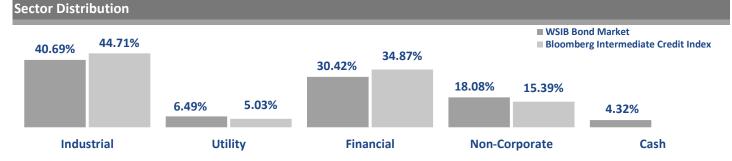
Market Value \$ 2,289,821,067



Top Ten Issuers			
Banco Santander S.A.	1.29%	Baidu	1.05%
Principal Financial Group	1.11%	People's Republic of China	1.01%
Bank of Tokyo-Mitsubishi UFJ, Ltd.	1.09%	TSMC Global Ltd.	0.96%
U.S. Bancorp Investments, Inc.	1.08%	SP PowerAssets Ltd.	0.89%
Development Bank of Japan Inc.	1.06%	Boeing Co.	0.88%

Moody's Equivalent Rating Distribution

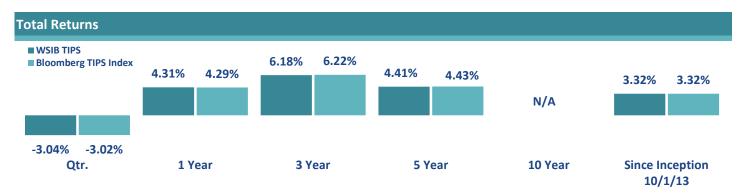




Note: Totals may not add up due to rounding.

Characteristics

	Fund	Index		Cash	
Average Maturity	7.6 years	8 years		0.7%	Market Val
Yield to Maturity	-0.88%	-0.98%			\$ 429,325,41
Modified Duration	7.23	7.53			
Average Coupon	0.64%	0.70%			
Number of Holdings	33	46			
			U.S. TIPS		
			99.3%		



Total	\$95,573,152	
Fixed Income	\$95,573,152	Fixed Income
		100.00%

Pension Reserve

Labor and Industries' Statutory Accor	unting Returns ¹			
	Qtr.	1 Year	3 Year	5 Year
Accident Fund	-0.39%	4.05%	6.29%	5.55%
Medical Aid	-0.89%	3.66%	6.18%	5.43%
Pension Reserve	0.13%	4.16%	5.74%	5.37%
Supplemental Pension	0.11%	1.06%	1.55%	1.50%
Duration				
	CMI	Target	Actual	% Difference
Accident Fund	6.71	7.00	6.68	-4.56%
Medical Aid	5.76	6.00	5.71	-4.78%

9.54

10.00

9.40

-6.01%

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, 20					
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	-5.83%	-2.04%	4.70%	4.48%	4.23%
CMI	-6.18%	-2.51%	4.40%	4.27%	4.05%
Vledical Aid	-5.35%	-1.45%	5.11%	4.72%	4.34%
CMI	-5.68%	-1.91%	4.78%	4.50%	4.13%
Pension Reserve	-7.51%	-3.26%	4.36%	4.43%	4.28%
CMI	-7.87%	-3.62%	4.04%	4.08%	3.96%
Supplemental Pension	-1.34%	-1.71%	0.92%	1.20%	1.00%
CMI	N/A	N/A	N/A	N/A	N/A
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	-5.39%	6.50%	13.78%	11.65%	10.76%
Medical Aid	-5.39%	6.50%	13.81%	11.65%	10.77%
Pension Reserve	-5.39%	6.49%	13.82%	11.66%	10.76%
Equity Benchmark	-5.41%	6.55%	13.81%	11.64%	10.71%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	-5.93%	-3.76%	2.62%	3.01%	3.24%
CMI	-6.38%	-4.42%	2.29%	2.76%	3.02%
Medical Aid	-5.35%	-3.72%	2.39%	2.76%	3.01%
CMI	-5.80%	-4.46%	1.99%	2.45%	2.71%
Pension Reserve	-7.77%	-4.53%	2.97%	3.38%	3.50%
CMI	-8.17%	-4.87%	2.70%	3.06%	3.17%
Supplemental Pension	-1.34%	-1.71%	0.92%	1.20%	1.00%
CMI	N/A	N/A	N/A	N/A	N/A
Real Estate Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Accident	0.24%	-4.88%	N/A	N/A	N/A
Medical Aid	0.23%	-4.92%	N/A	N/A	N/A
Pension Reserve	0.24%	-4.96%	N/A	N/A	N/A
Real Estate Benchmark	1.47%	6.00%	N/A	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, 2022
Agricultural			
Total Equity Fixed Income Cash	\$293,345,160 \$125,977,602 \$167,362,793 \$4,765	Equity 42. 9%	Fixed Income 57.1%
Normal School			
Total Equity Fixed Income Cash	\$336,387,243 \$145,245,124 \$190,590,360 \$551,759	Equity 43.2%	Fixed Income 56.8%
Scientific Permanent			
Total Equity Fixed Income Cash	\$333,582,941 \$141,703,811 \$191,196,365 \$682,765	Equity 42.5%	Fixed Income 57.5%
State University			
Total Equity Fixed Income Cash	\$44,262,496 \$19,173,838 \$25,082,693 \$5,965	Equity 43.3%	Fixed Income 56.7%
Common School			
Total Equity Fixed Income Cash	\$261,841,824 \$111,756,521 \$150,077,512 \$7,791	Equity 42.7%	Fixed Income 57.3%
American Indian Scho	larship Endowment Fund (AIS	EF)	
Total Fixed Income Cash	\$340,954 \$324,058 \$16,897		d Income Cash 95.0% 5.0%

Permanent Funds Page 20

Permanent Funds ● Performance			Quarter Ended March 31, 2022		
Total Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	-5.47%	1.79%	7.07%	6.36%	5.81%
Custom Benchmark	-5.64%	0.94%	6.73%	6.10%	5.72%
Normal School	-5.47%	1.82%	7.08%	6.37%	5.77%
Custom Benchmark	-5.64%	0.94%	6.72%	6.09%	5.68%
Scientific Permanent	-5.48%	1.78%	7.08%	6.37%	5.81%
Custom Benchmark	-5.64%	0.94%	6.75%	6.11%	5.73%
State University	-5.47%	1.82%	7.07%	6.36%	5.79%
Custom Benchmark	-5.64%	0.94%	6.73%	6.09%	5.71%
Common School	-5.47%	1.79%	7.06%	6.35%	5.86%
Custom Benchmark	-5.64%	0.94%	6.72%	6.09%	5.81%
AISEF	-5.41%	-3.41%	2.04%	2.37%	2.28%
Custom Benchmark	-5.93%	-4.15%	1.57%	2.05%	2.07%
Equity Returns					
	Qtr.	1 Year	3 Year	5 Year	Since Inception
Agricultural	-5.22%	9.41%	14.15%	12.60%	13.55%
Normal School	-5.22%	9.41%	14.15%	12.60%	13.55%
Scientific Permanent	-5.22%	9.41%	14.15%	12.60%	13.55%
State University	-5.22%	9.41%	14.15%	12.60%	13.55%
Common School	-5.22%	9.41%	14.15%	12.60%	13.55%
Custom Benchmark	-5.32%	8.65%	14.92%	12.88%	14.08%
Fixed Income Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
Agricultural	-5.66%	-3.54%	2.16%	2.47%	2.41%
Normal School	-5.66%	-3.54%	2.16%	2.47%	2.41%
Scientific Permanent	-5.66%	-3.54%	2.16%	2.47%	2.41%
State University	-5.66%	-3.54%	2.16%	2.47%	2.41%
Common School	-5.67%	-3.54%	2.16%	2.47%	2.41%
AISEF	-5.66%	-3.54%	2.16%	2.47%	2.41%
Bloomberg Aggregate	-5.93%	-4.15%	1.69%	2.14%	2.24%
Cash Returns					
	Qtr.	1 Year	3 Year	5 Year	10 Year
AISEF	0.01%	0.03%	0.65%	0.98%	0.54%
90 Day Tbill	0.04%	0.06%	0.81%	1.14%	0.65%

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	\$1,634,461,860
Equity	\$685,327,523
Fixed Income	\$941,073,237
Cash	\$8,061,100

Equity Fixed Income 41.9% 58.1%

Developmental Disabilities Endowment Fund (DDEF)

Private Total Balanced Fund Cash	\$93,481,360 \$93,471,832 \$9,527	Balanced Fund 100.0%	
State Total	\$12,723,908		
Equity	\$4,577,849	Equity	Fixed Income
Fixed Income	\$8,130,574	36.0%	64.0%
Cash	\$15,485		

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

Total	\$239,461,821		
Equity	\$167,605,448	Equity	Fixed Income
Fixed Income	\$71,850,013	70.0%	30.0%
Cash	\$6,359		

GET, DDEF, and VFFRO Page 22

/// GET, DDEF, and VFFRO ● Performance				Quarter	Quarter Ended March 31, 2022	
GET Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Total	-4.96%	0.75%	7.85%	6.99%	6.68%	
Passive Benchmark	-5.17%	0.20%	7.40%	6.77%	6.47%	
Inflation CPI + 3.25%	3.51%	11.81%	7.45%	6.61%	5.57%	
Equity	-5.16%	6.94%	13.83%	11.68%	10.40%	
Custom Benchmark	-5.41%	6.55%	13.81%	11.69%	10.28%	
Fixed Income	-4.83%	-3.53%	2.51%	2.73%	2.54%	
Custom Benchmark	-5.07%	-4.05%	2.10%	2.47%	2.30%	
DDEF Returns						
	Qtr.	1 Year	3 Year	5 Year	10 Year	
Total Private	-5.57%	5.38%	11.72%	10.25%	9.52%	
Balanced Fund	-5.58%	5.36%	11.73%	10.25%	9.53%	
Balanced Fund Benchmark	-5.51%	5.45%	12.12%	10.50%	9.73%	
Total State	-4.98%	0.09%	6.86%	5.61%	4.59%	
Inflation CPI	2.71%	8.56%	4.20%	3.36%	2.32%	
State Equity	-5.39%	6.54%	13.76%	11.67%	10.18%	
Custom Benchmark	-5.41%	6.55%	13.81%	11.69%	10.28%	
State Fixed Income	-4.83%	-3.53%	2.47%	2.76%	2.57%	
Custom Benchmark	-5.07%	-4.05%	2.10%	2.47%	2.29%	
VFFRO Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Total	-5.23%	-4.76%	2.61%	5.24%	8.06%	
Custom Benchmark	-5.27%	-2.59%	2.99%	4.57%	6.99%	
Equity	-5.39%	N/A	N/A	N/A	-4.80%	
MSCI ACWI IMI w/ U.S. Gross	-5.41%	N/A	N/A	N/A	-4.97%	
Fixed Income	-4.83%	N/A	N/A	N/A	-4.76%	
Bloomberg Intermediate Credit	-5.07%	N/A	N/A	N/A	-4.95%	

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

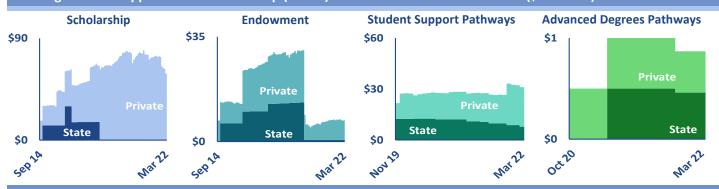
DDEF Balanced Fund benchmark: 60% CRSP U.S. Total Market Index & 40% Bloomberg U.S. Aggregate and a historical blend.

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	\$58,746,147
Equity	\$14,973,803
Fixed Income	\$40,816,559
Cash	\$2,955,785

State Match Total\$0Cash\$0

Equity	Fixed Income	Cash
25.5%	69.5%	5.0%

Endowment

Private Total	\$6,496,837
Equity	\$5,263,383
Fixed Income	\$1,232,142
Cash	\$1,312

State Match Total\$585,307Cash\$585,307

Equity	Fixed Income
81.0%	19.0%

Student Support Pathways

Private Total	\$23,224,546
Equity	\$6,017,686
Fixed Income	\$16,004,923
Cash	\$1,201,938

 State Match Total
 \$7,870,188

 Cash
 \$7,870,188

Equity	Fixed Income	Cash
25.9%	68.9%	5.2%

Advanced Degrees Pathways

Private Total	\$408,848
Equity	\$0
Fixed Income	\$0
Cash	\$408,848

 State Match Total
 \$460,190

 Cash
 \$460,190

	Cash		
	100.0%		

WSOS Page 24

W WSOS ● Performance					Quarter Ended March 31, 2022	
Total Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship						
Private	-4.70%	-0.78%	5.28%	5.64%	5.24%	
Private Benchmark	-4.87%	-1.19%	5.09%	5.53%	5.22%	
State Match	0.00%	0.00%	0.59%	0.93%	0.69%	
State Match Benchmark	0.04%	0.06%	0.81%	1.14%	0.84%	
Endowment						
Private	-5.30%	4.57%	10.34%	9.24%	7.92%	
Private Benchmark	-5.32%	4.44%	11.58%	9.96%	8.33%	
State Match	0.01%	0.03%	0.64%	0.98%	0.72%	
State Match Benchmark	0.04%	0.06%	0.81%	1.14%	0.84%	
Student Support Pathways						
Private	-4.75%	-0.81%	N/A	N/A	4.47%	
Private Benchmark	-4.87%	-1.19%	N/A	N/A	3.85%	
State Match	0.01%	0.03%	N/A	N/A	0.24%	
State Match Benchmark	0.04%	0.06%	N/A	N/A	0.39%	
Advanced Degrees Pathways						
Private	0.01%	0.03%	N/A	N/A	0.03%	
Private Benchmark	0.04%	0.06%	N/A	N/A	0.08%	
State Match	0.01%	0.03%	N/A	N/A	0.03%	
State Match Benchmark	0.04%	0.06%	N/A	N/A	0.06%	
Equity Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship	-5.42%	6.53%	13.73%	11.97%	9.74%	
Endowment	-5.41%	6.50%	14.02%	11.82%	9.73%	
Student Support Pathways	-5.42%	6.49%	N/A	N/A	14.81%	
MSCI ACWI IMI w/ U.S. Gross	-5.41%	6.55%	13.81%	11.69%		
Fixed Income Returns						
	Qtr.	1 Year	3 Year	5 Year	Since Inception	
Scholarship	-4.83%	-3.55%	2.45%	2.75%	2.82%	
Endowment	-4.83%	-3.53%	2.47%	2.76%	2.83%	
Student Support Pathways	-4.83%	-3.49%	N/A	N/A	0.95%	
Bloomberg Intermediate Credit	-5.07%	-4.05%	2.10%	2.47%		

Scholarship and Student Support Pathways Benchmarks: Private 25% MSCI ACWI IMI w/U.S. Gross & 70% Bloomberg Intermediate Credit & 5% 90 Day Tbill, 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 & 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.

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