



# Monthly Investment Performance Analysis

Wyoming State Treasurer's Office Preliminary

Period Ended: March 31, 2024



	2016	2017	2018	2019	2020	2021	2022	2023	CYTD (As of 03/24)	Sharpe Ratio		Annualized Statistics (02/2006 - 03/2024)				
										Asset Class	Historical 10 Years Sharpe Ratio	Forecasted Sharpe Ratio	Return	Standard Deviation	Sharpe Ratio	
Best	21.95	27.19	10.40	31.49	21.68	39.92	26.26	26.29	12.03	S&P 500 Index - US Large Cap	0.80	0.16	S&P 500 Index - US Large Cap	10.36	15.41	0.63
	21.31	21.83	8.35	25.53	19.96	39.33	7.47	20.23	10.56	Russell 2000 Index - US Small Cap	0.40	0.14	Russell 2000 Index - US Small Cap	7.96	20.36	0.41
	13.24	18.44	1.87	21.51	18.40	28.71	1.46	16.93	5.18	International Equity Custom Index - International	0.27	0.26	International Equity Custom Index - International	4.11	17.12	0.24
	11.96	15.21	0.44	17.64	10.88	22.17	-0.68	16.28	4.97	Cambridge US PE Index - Private Equity	1.16	0.22	Cambridge US PE Index - Private Equity	12.97	10.67	1.06
	10.16	14.65	0.01	13.82	10.65	14.82	-3.34	13.09	4.17	NCREIF ODCE Index - Real Estate	0.84	Core 0.18 / Non-Core 0.17	NCREIF ODCE Index - Real Estate	5.95	7.95	0.59
	9.94	9.11	-4.02	13.47	7.97	7.82	-5.27	10.99	3.76	HFRI FOF Comp Index	0.46	0.25	HFRI FOF Comp Index	3.07	5.37	0.32
	8.77	7.77	-4.25	8.72	7.51	6.17	-12.04	8.57	2.52	Preferred Stock Custom Index	0.43	0.20	Preferred Stock Custom Index	4.78	15.43	0.29
	4.50	7.62	-4.38	8.64	3.12	5.71	-13.01	6.59	1.29	MLP Custom Index	0.20	0.14	MLP Custom Index	8.42	24.03	0.40
	2.65	4.12	-6.21	8.39	1.50	4.66	-13.90	6.06	0.74	Bloomberg US Agg Bond Index - Fixed Income	0.06	0.23	Bloomberg US Agg Bond Index - Fixed Income	3.06	4.19	0.40
	1.94	3.54	-11.01	7.55	1.19	0.05	-16.00	5.53	0.00	Bank Loans Custom Index	0.56	0.38	Bank Loans Custom Index	4.83	7.22	0.49
	0.51	0.84	-11.67	5.34	0.67	-1.85	-18.11	5.02	-0.78	EMD Custom Index	-0.07	0.19	EMD Custom Index	3.71	11.89	0.25
Worst	0.38	-5.58	-14.20	2.47	-25.60	-3.26	-20.44	-12.02	-2.37	JP Morgan Cash Custom Index - Cash Equiv	0.57	0.00	JP Morgan Cash Custom Index - Cash Equiv	1.67	0.57	1.08

The International Equity Custom Index consists of the MSCI EAFE Index (USD) (Gross) through July 2010 and the MSCI ACW Ex US Index (USD) (Net) thereafter.

The Preferred Stock Custom Index consists of S&P U.S. Preferred Stock Index through 06/30/2021, and 60% ICE BofAML US IG Inst Capital Securities Index, 20% ICE BofAML Core Fixed Rate Preferred Securities Index, and 20% Bloomberg Barclays Developed Market USD Contingent Capital Index thereafter.

The MLP Custom Index consists of the S&P MLP Index (TR) through 06/30/2019, the Alerian MLP Index through 12/31/2019, and 50% Alerian MLP Index / 50% Alerian Midstream Energy Index thereafter.

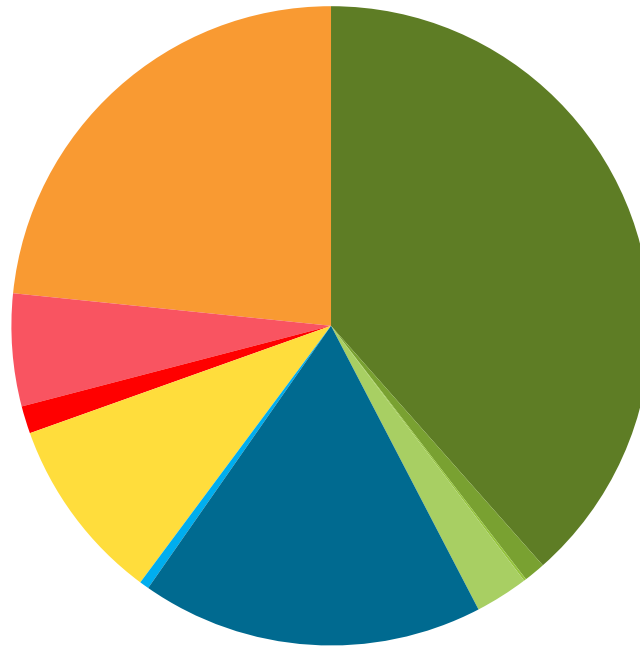
The Bank Loans Custom Index consists of S&P LSTA Lvqd Loan Index through 06/30/2021, the S&P LSTA US Lvqd Loan 100 Index through 6/30/2023, and the CREDIT SUISSE Leveraged Loan Index thereafter.

The EMD Custom Index consists of the JPM GBI-EM Gbl Dvf'd Index through 02/29/2020, 70% JPM GBI-EM Gbl Dvf'd Index / 30% JPM CEMBI Brd Dvf'd Index thereafter through 11/30/2020, and 1/3 JPM GBI-EM Gbl Dvf'd Index, 1/3 JPM CEMBI Brd Dvf'd Index, and 1/3 JPM EMBI Gbl Dvf'd Index thereafter.

The JP Morgan Cash Custom Index is calculated monthly using beginning of the month investment weights applied to each corresponding primary benchmark return.

The primary benchmark for JP Morgan Cash is the ICE BofAML 3 Mo US T-Bill Index and for JP Morgan Extd is the JP Morgan Blended Index through 06/30/2019, and the ICE BofAML 3 Mo US T-Bill Index thereafter.

March 31, 2024 : \$28,836,836,369



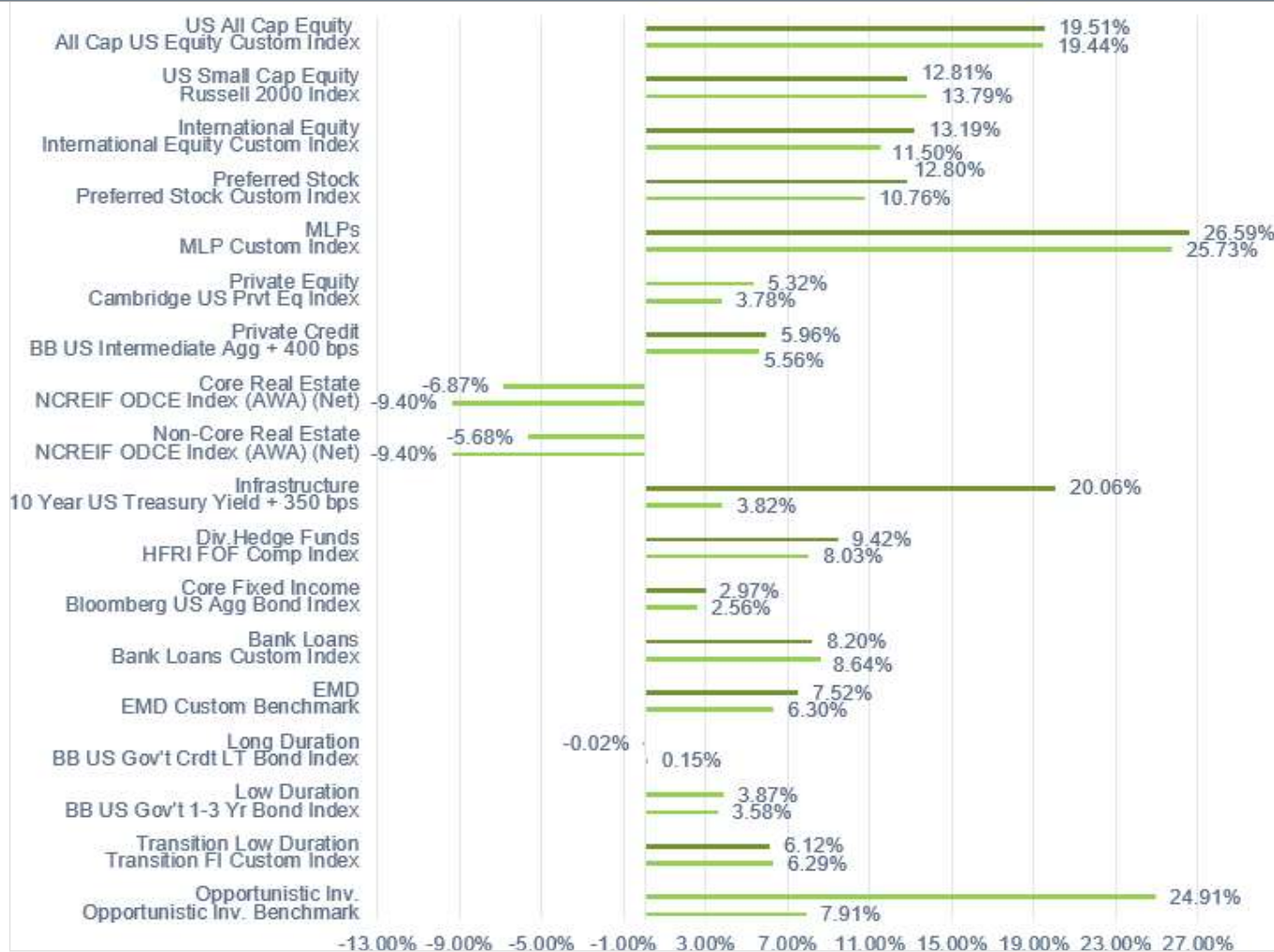
	Market Value (\$)	Allocation (%)
Permanent Mineral Trust	11,095,326,129	38.48
Permanent Land Fund	313,984,115	1.09
University Permanent Land Fund	33,972,116	0.12
Hathaway Scholarship	775,063,402	2.69
Common School PLF	4,994,641,950	17.32
Higher Education	139,794,406	0.48
Workers Compensation Fund	2,703,179,353	9.37
Pool A	402,391,668	1.40
LSRA	1,637,971,228	5.68
State Agency Pool	6,740,512,001	23.37

Allocations shown may not sum up to 100% exactly due to rounding.

Comparative Performance

	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	10 Years	15 Years	20 Years
<b>Total Fund</b>	<b>1.4</b>	<b>2.7</b>	<b>2.7</b>	<b>7.5</b>	<b>9.5</b>	<b>4.4</b>	<b>5.7</b>	<b>4.8</b>	<b>6.1</b>	<b>5.1</b>
Wyoming State Total Fund Index	1.3	2.3	2.3	6.5	8.0	3.4	5.1	4.5	5.5	4.7
Difference	0.1	0.4	0.4	1.0	1.5	1.0	0.6	0.3	0.6	0.4

FYTD Asset Class Returns



Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Fiscal year begins 7/1/2023.



Asset Allocation & Performance			
	Allocation		Performance (%)
	Market Value (\$)	%	FYTD
<b>Total Fund</b>	<b>28,836,836,369</b>	<b>100.00</b>	<b>7.55</b>
<b>All Cap US Equity Composite</b>	<b>2,339,393,971</b>	<b>8.11</b>	<b>19.51</b>
State Street All Cap	2,102,962,182	7.29	19.37
Internal Domestic Equity Quantamental	31,238	0.00	5.69
Internal Domestic Equity Quantitative	102,028,108	0.35	23.86
SPDR S&P 500 ETF Trust	134,372,443	0.47	19.33
UW Portfolio Mgmt Program	2,176,049	0.01	15.93
<b>Small Cap US Equity Composite</b>	<b>555,283,999</b>	<b>1.93</b>	<b>12.81</b>
Van Berkomp	288,214,174	1.00	11.23
BlackRock Small Cap	480,372	0.00	12.57
Internal Small Cap Equity Quantamental	138,171,449	0.48	17.80
Internal Small Cap Equity Quantitative	128,418,005	0.45	12.11
<b>Int'l Equity Composite</b>	<b>3,671,071,753</b>	<b>12.73</b>	<b>13.19</b>
Northern Trust	1,723,366,563	5.98	12.24
Arrowstreet	1,244,288,898	4.31	19.50
Harding Loevner	487,406,286	1.69	5.27
Internal International Equity ETF	60,067,510	0.21	12.48
Internal International Equity Quantitative	103,165,689	0.36	N/A
Internal International Equity Quantamental	52,776,808	0.18	N/A
<b>Preferred Stock Composite</b>	<b>76,758,711</b>	<b>0.27</b>	<b>12.02</b>
Cohen & Steers Preferred Stock	76,758,711	0.27	12.80
<b>MLPs Composite</b>	<b>1,236,196,328</b>	<b>4.29</b>	<b>26.59</b>
Harvest Fund Advisors	686,518,297	2.38	27.77
Harvest Fund Advisors Passive	549,678,032	1.91	25.38
<b>Private Equity Composite</b>	<b>1,302,699,752</b>	<b>4.52</b>	<b>5.32</b>
Access Venture Partners II LP	249,104	0.00	N/A
Cheyenne Equity Capital LP	83,803,422	0.29	N/A
Hamilton Lane Wyoming Nowood LP	113,295,293	0.39	N/A
NB Sauger LP	118,045,003	0.41	N/A
BlackRock LTPC, L.P.	595,910,398	2.07	N/A
Valor Equity Partners V LP	66,020,194	0.23	N/A
GTCR Fund XIII	54,880,137	0.19	N/A
Veritas Capital Vantage Fund	20,745,823	0.07	N/A
Veritas Capital VIII LP	27,506,834	0.10	N/A
StepStone Fund V	31,018,168	0.11	N/A
Nautic Partners X LP	33,902,644	0.12	N/A
Dragoneer Opp Fund VI	15,463,499	0.05	N/A
Accel KKR Growth Capital Partners IV	9,967,684	0.03	N/A
Morgan Stanley Ashbridge Secondaries II LP	60,337,559	0.21	N/A
BVP Forge Institutional LP	20,702,636	0.07	N/A

Asset Allocation & Performance			
	Allocation		Performance (%)
	Market Value (\$)	%	FYTD
Bessemer Venture Partners XII LP	1,282,981		N/A
Banner Ridge Secondaries Fund V	7,482,133		N/A
Arlington Capital Partners VI LP	42,086,239		N/A
<b>Private Credit Composite</b>	<b>311,046,127</b>		<b>5.96</b>
BlackRock GCO Fund II LP	78,867,204		N/A
Atalaya Asset Income Evergreen LP	67,801,512		N/A
AG Direct Lending Evergreen LP	53,440,851		N/A
Ares Pathfinder Fund II	15,834,635		N/A
KLCP Domestic III LP	66,367,300		N/A
Strategic Value Capital Solutions Fund II	28,734,624		N/A
<b>Core Real Estate Composite</b>	<b>1,238,918,756</b>		<b>-6.87</b>
Clarion Lion Properties LP	712,386,016		-8.31
UBS Trumbull	143,106,641		-7.36
Morgan Stanley Prime Property LLC	383,426,099		-3.72
<b>Non-Core Real Estate Composite</b>	<b>594,252,373</b>		<b>-5.68</b>
SC Core LP	99,224,930		N/A
Realterm Logistics Income LP	296,586,171		N/A
M&G Real Estate Debt III LP	1,589,567		N/A
Northwood Real Estate Partners (Series IV) LP	195,897,145		N/A
Hammes Partners IV LP	954,561		N/A
<b>Infrastructure Composite</b>	<b>490,529,797</b>		<b>20.06</b>
Macquarie Infrastructure	221,037,423		9.02
MGIF Co-Investment 3	27,099,441		2.65
Grosvenor Silvery Lupine Fund Class E LLC	94,040,316		81.54
IFM Global Infrastructure	148,352,617		N/A
<b>Diversified Hedge Funds Composite</b>	<b>1,283,334,109</b>		<b>9.42</b>
PAAMCO - Jackalope Fund	145		-74.19
Grosvenor Diversified Hedge Funds	517,234,669		9.86
Internal Diversified Hedge Funds	766,099,295		9.14
<b>Core Fixed Income Composite</b>	<b>3,557,728,714</b>		<b>2.97</b>
Internal Intermediate Gov't Fixed Income	1,095,177,120		1.56
Payden & Rygel IGC	510,605,819		4.70
JP Morgan MBS	764,925,146		3.54
IShares Core US Agg Bond ETF	9,825		2.56
PIMCO	1,187,010,804		3.15
<b>SAP Treasury Composite</b>	<b>4,767,523,355</b>		<b>3.65</b>
Internal SAP Fixed Income Portfolio	4,767,523,355		3.65

Allocations may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Market value shown for Public Purpose Investments (PPIs) is as of 03/31/2024. Investment manager fees are accounted for on a quarterly basis. Wyoming State Treasurer's Office fiscal year ends on June 30th. Fiscal year begins 7/1/2023.

Asset Allocation & Performance			
	Allocation		Performance (%)
	Market Value (\$)	%	FYTD
<b>Bank Loans Composite</b>	<b>612,438,714</b>		<b>8.20</b>
Credit Suisse SMA	178,714,632		7.89
Octagon SMA	201,958,923		7.42
KKR	231,765,159		9.36
<b>Emerging Market Debt Composite</b>	<b>104,932,589</b>		<b>3.18</b>
Global Evolution	104,932,589		3.17
Global Evolution Hard	144,376,574		8.61
Goldman Sachs	201,331,107		7.99
Eaton Vance	264,791,828		11.60
Finisterre	256,090,203		4.98
Wellington	129,831,014		5.56
<b>Long Duration Fixed Income Composite</b>	<b>762,034,220</b>		<b>-0.02</b>
Internal Long Duration Fixed Income	380,608,623		-4.10
Metlife	381,425,597		3.76
<b>Low Duration Fixed Income Composite</b>	<b>656,752,122</b>		<b>3.87</b>
Low Duration Fixed Income	656,752,122		3.87
<b>Grosvenor Silvery Lupine Fund</b>	<b>9,923,112</b>		<b>-15.80</b>
<b>Transition Low Duration Composite</b>	<b>1,561,767,344</b>		<b>6.12</b>
PIMCO Transition Low Duration	1,561,767,344		6.14
<b>Opportunistic Investments Composite</b>	<b>181,218,129</b>		<b>24.91</b>
<b>Cash Equivalents</b>	<b>2,158,685,665</b>		<b>4.08</b>
<b>Public Purpose Investments</b>	<b>365,749,956</b>		<b>N/A</b>

Schedule of Investable Assets - Total Fund Composite Ex Public Purpose Investments				
Beginning MV (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending MV (\$)	Unit Value
26,446,922,883	102,654,771	1,921,508,759	28,471,086,413	107.27

Allocations may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Market value shown for Public Purpose Investments (PPIs) is as of 03/31/2024. Investment manager fees are accounted for on a quarterly basis. Wyoming State Treasurer's Office fiscal year ends on June 30th. Fiscal year begins 7/1/2023.



Wyoming State Treasurer's Office  
 Permanent Funds  
 Performance

As of March 31, 2024

Comparative Performance										
	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	10 Years	15 Years	20 Years
<b>Permanent Mineral Trust</b>	<b>1.8</b>	<b>3.9</b>	<b>3.9</b>	<b>9.3</b>	<b>12.6</b>	<b>6.4</b>	<b>7.9</b>	<b>6.3</b>	<b>7.6</b>	<b>6.1</b>
PMTF - Total Fund Index	1.5	3.2	3.2	7.8	10.3	5.0	7.0	5.9	7.0	5.5
Difference	0.3	0.7	0.7	1.5	2.3	1.4	0.9	0.4	0.6	0.6
70% MSCI ACW/30% B US Agg	2.5	5.5	5.5	11.9	16.5	4.2	7.9	6.7	9.1	6.6
<b>Permanent Land Fund</b>	<b>1.8</b>	<b>3.8</b>	<b>3.8</b>	<b>9.4</b>	<b>12.9</b>	<b>6.7</b>	<b>8.1</b>	<b>6.3</b>	<b>7.5</b>	<b>N/A</b>
PLF - Total Fund Index	1.5	3.2	3.2	7.8	10.3	5.0	7.0	5.8	6.9	N/A
Difference	0.3	0.6	0.6	1.6	2.6	1.7	1.1	0.5	0.6	N/A
<b>University PLF</b>	<b>1.7</b>	<b>3.4</b>	<b>3.4</b>	<b>8.6</b>	<b>11.8</b>	<b>6.5</b>	<b>7.9</b>	<b>6.5</b>	<b>7.6</b>	<b>N/A</b>
University PLF - Total Fund Index	1.5	3.2	3.2	7.8	10.3	5.0	6.9	6.1	7.1	N/A
Difference	0.2	0.2	0.2	0.8	1.5	1.5	1.0	0.4	0.5	N/A
<b>Hathaway Scholarship</b>	<b>1.6</b>	<b>3.5</b>	<b>3.5</b>	<b>9.1</b>	<b>12.8</b>	<b>7.4</b>	<b>8.5</b>	<b>6.3</b>	<b>7.5</b>	<b>N/A</b>
Hathaway - Total Fund Index	1.5	3.2	3.2	7.8	10.3	5.0	6.9	5.7	6.7	N/A
Difference	0.1	0.3	0.3	1.3	2.5	2.4	1.6	0.6	0.8	N/A
<b>Common School PLF</b>	<b>1.8</b>	<b>3.8</b>	<b>3.8</b>	<b>9.2</b>	<b>11.3</b>	<b>5.3</b>	<b>6.3</b>	<b>5.5</b>	<b>7.2</b>	<b>5.8</b>
Common School - Total Fund Index	1.4	3.0	3.0	7.5	9.5	4.4	5.5	5.1	6.5	5.2
Difference	0.4	0.8	0.8	1.7	1.8	0.9	0.8	0.4	0.7	0.6
<b>Higher Education</b>	<b>1.8</b>	<b>3.7</b>	<b>3.7</b>	<b>9.0</b>	<b>11.2</b>	<b>5.4</b>	<b>6.2</b>	<b>5.2</b>	<b>6.7</b>	<b>N/A</b>
Higher Education - Total Fund Index	1.4	3.0	3.0	7.5	9.5	4.4	5.5	4.9	6.2	N/A
Difference	0.4	0.7	0.7	1.5	1.7	1.0	0.7	0.3	0.5	N/A
<b>Workers Compensation Fund</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>4.8</b>	<b>5.3</b>	<b>1.0</b>	<b>4.3</b>	<b>4.1</b>	<b>5.7</b>	<b>4.8</b>
Workers Comp - Total Fund Index	1.3	0.5	0.5	4.3	4.6	0.3	3.6	3.8	5.1	4.4
Difference	0.1	0.2	0.2	0.5	0.7	0.7	0.7	0.3	0.6	0.4
<b>Workers Compensation Long-Term Reserve</b>	<b>1.5</b>	<b>3.8</b>	<b>3.8</b>	<b>9.0</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Workers Comp Reserve Assets Target Allocation Index	1.4	3.4	3.4	7.7	N/A	N/A	N/A	N/A	N/A	N/A
Difference	0.1	0.4	0.4	1.3	N/A	N/A	N/A	N/A	N/A	N/A
<b>Workers Compensation Liability Hedging Assets</b>	<b>1.2</b>	<b>-1.6</b>	<b>-1.6</b>	<b>1.4</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Workers Comp Liability Hedging Assets Index	1.3	-1.7	-1.7	1.7	0.6	-3.9	0.0	1.9	3.5	3.7
Difference	-0.1	0.1	0.1	-0.3	N/A	N/A	N/A	N/A	N/A	N/A

Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Fiscal year begins 7/1/2023.

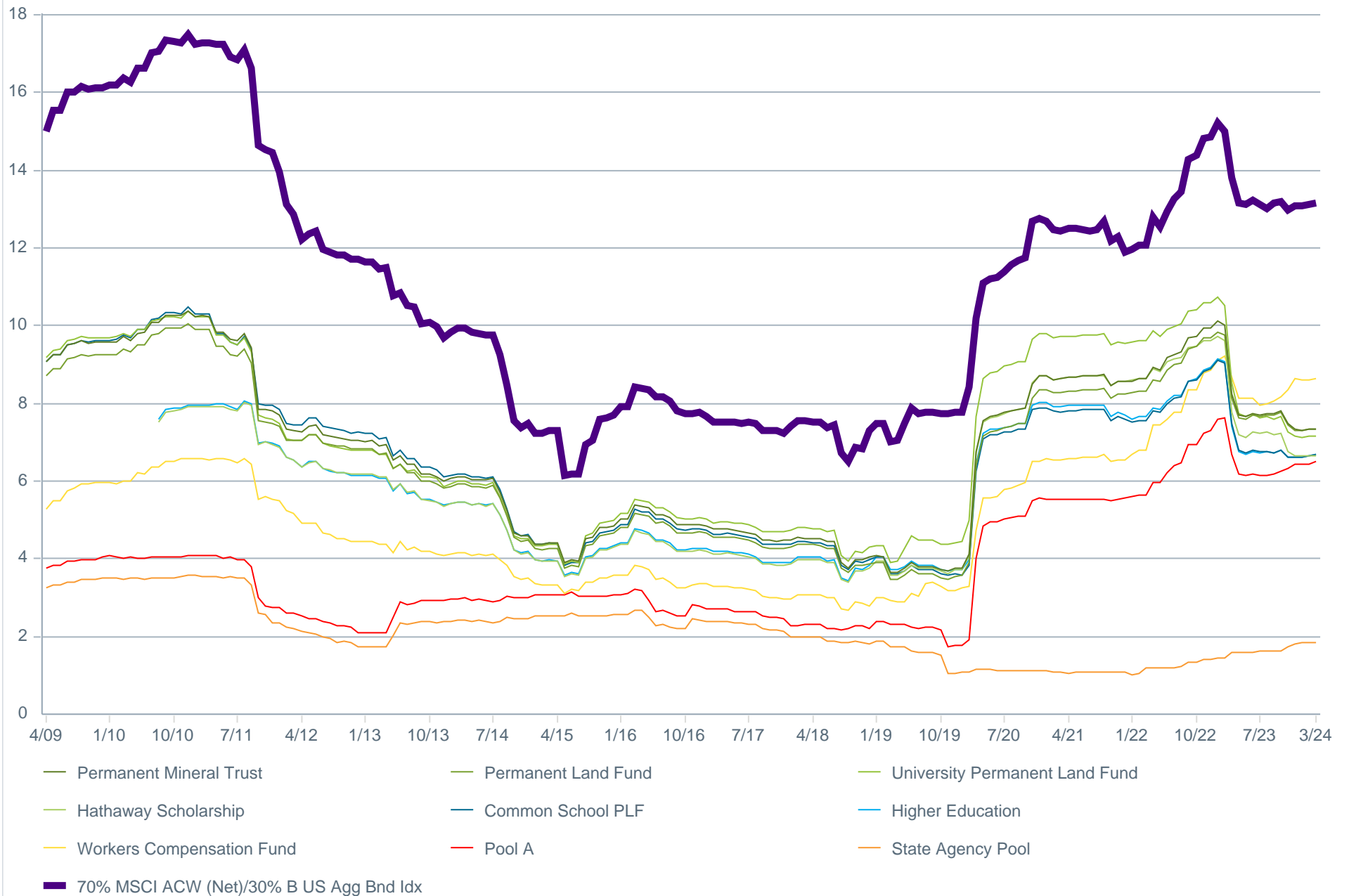


Comparative Performance										
	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	10 Years	15 Years	20 Years
<b>LSRA Total Fund</b>	<b>1.3</b>	<b>2.3</b>	<b>2.3</b>	<b>7.1</b>	<b>8.4</b>	<b>2.6</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
LSRA - Total Fund Index	1.3	1.8	1.8	6.5	7.4	1.9	N/A	N/A	N/A	N/A
Difference	0.0	0.5	0.5	0.6	1.0	0.7	N/A	N/A	N/A	N/A
<b>LSRA Long Term Reserve</b>	<b>3.0</b>	<b>7.6</b>	<b>7.6</b>	<b>15.6</b>	<b>21.1</b>	<b>8.8</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
LSRA LT Reserve - Total Fund Index	2.9	6.6	6.6	14.2	19.0	7.7	N/A	N/A	N/A	N/A
Difference	0.1	1.0	1.0	1.4	2.1	1.1	N/A	N/A	N/A	N/A
<b>LSRA Int Term Reserve</b>	<b>0.9</b>	<b>-0.5</b>	<b>-0.5</b>	<b>3.0</b>	<b>2.3</b>	<b>-2.4</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
LSRA IT Reserve - Total Fund Index	0.9	-0.8	-0.8	2.6	1.7	-2.5	N/A	N/A	N/A	N/A
Difference	0.0	0.3	0.3	0.4	0.6	0.1	N/A	N/A	N/A	N/A
<b>LSRA Short Term Reserve</b>	<b>0.3</b>	<b>0.4</b>	<b>0.4</b>	<b>3.9</b>	<b>3.5</b>	<b>0.7</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
LSRA ST Reserve - Total Fund Index	0.4	0.3	0.3	3.6	3.0	0.0	N/A	N/A	N/A	N/A
Difference	-0.1	0.1	0.1	0.3	0.5	0.7	N/A	N/A	N/A	N/A
<b>Pool A</b>	<b>1.7</b>	<b>2.9</b>	<b>2.9</b>	<b>7.7</b>	<b>9.2</b>	<b>3.7</b>	<b>5.0</b>	<b>3.9</b>	<b>4.6</b>	<b>4.4</b>
Pool A - Total Fund Index	1.1	1.9	1.9	5.7	7.0	2.6	4.1	3.4	3.9	3.9
Difference	0.6	1.0	1.0	2.0	2.2	1.1	0.9	0.5	0.7	0.5
<b>State Agency Pool</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>3.6</b>	<b>3.5</b>	<b>0.8</b>	<b>1.6</b>	<b>2.0</b>	<b>3.0</b>	<b>3.2</b>
State Agency Pool - AA Index	0.4	0.5	0.5	3.7	3.6	0.8	1.6	2.0	2.7	3.0
Difference	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.3	0.2

Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Fiscal year begins 7/1/2023.

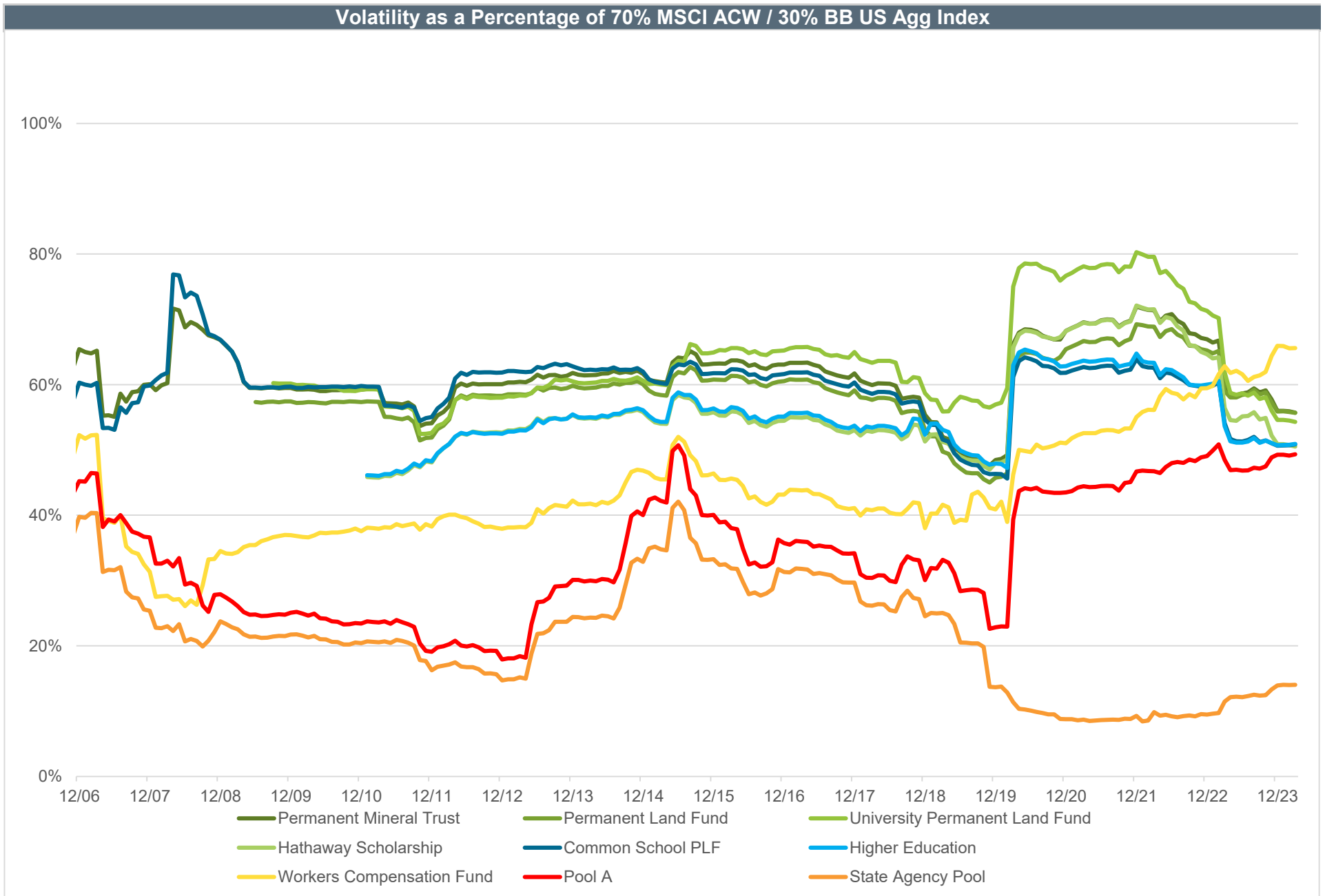


Standard Deviation



Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Calculation is based on monthly periodicity.

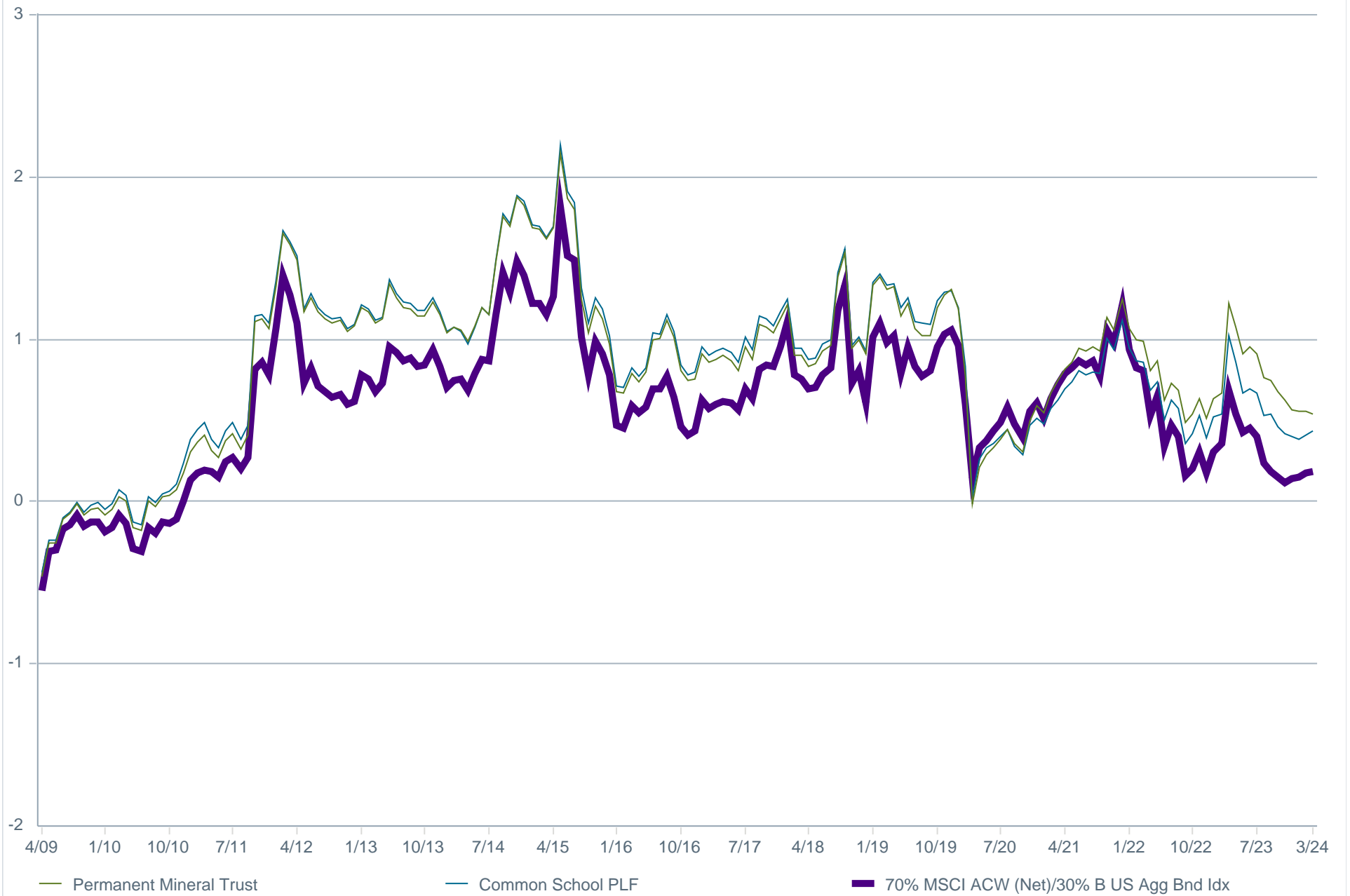




Performance shown is net of fees and excludes PPIs and operational cash. Calculation is based on monthly periodicity.



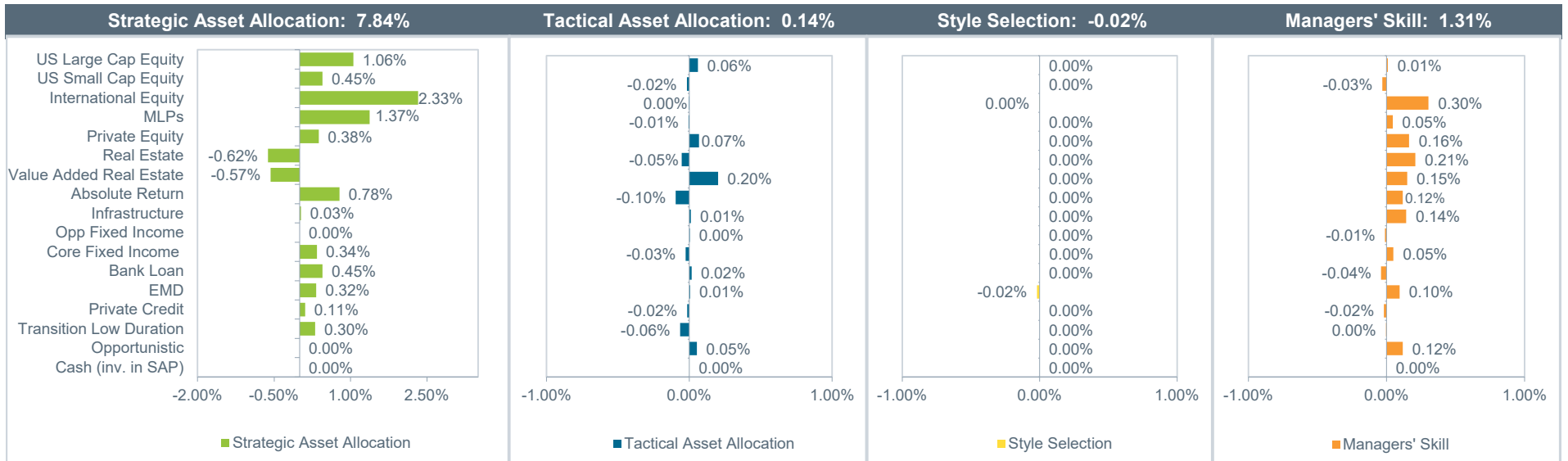
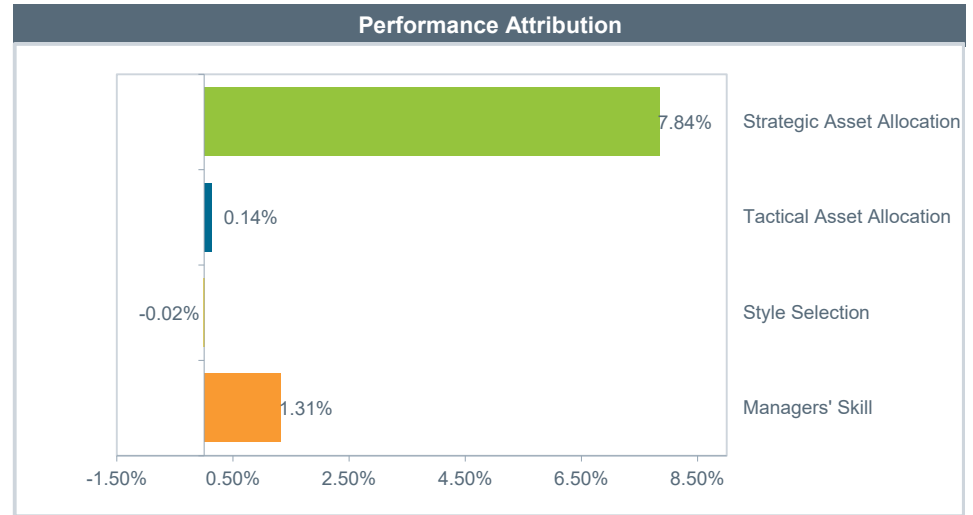
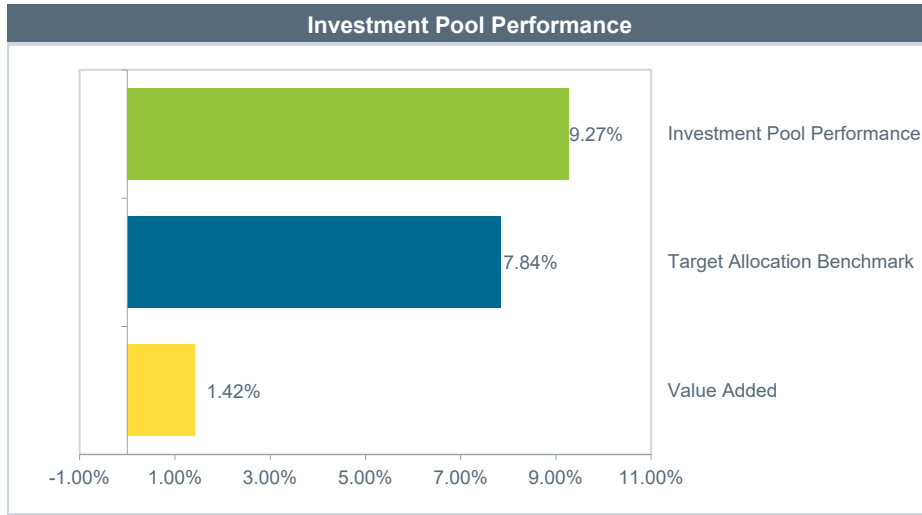
Sharpe Ratio



Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Calculation is based on monthly periodicity.



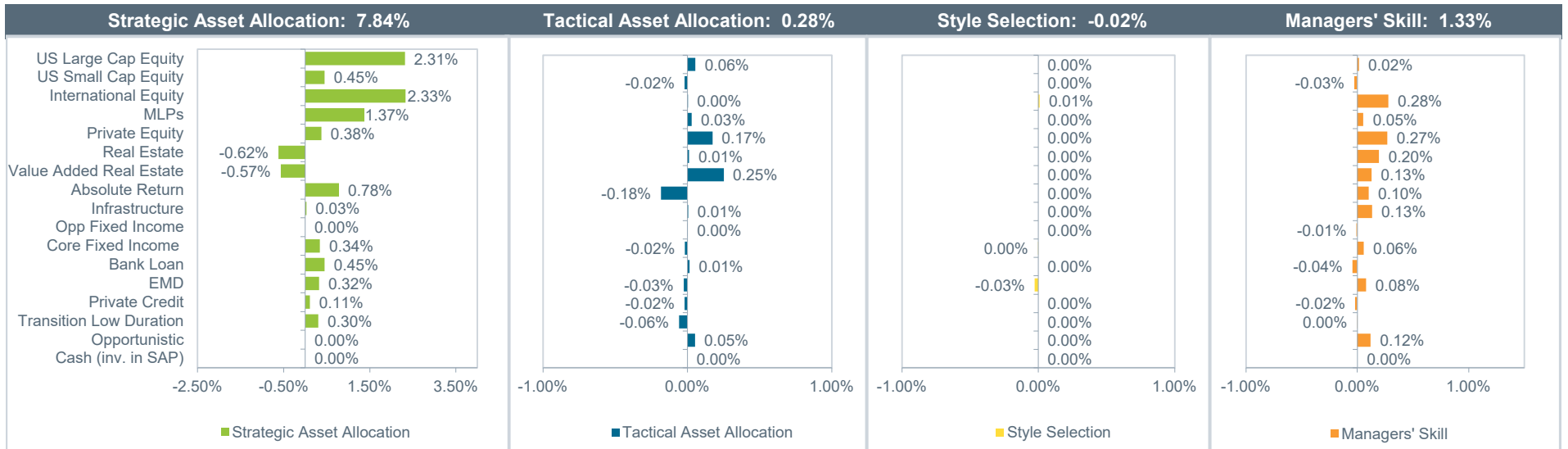
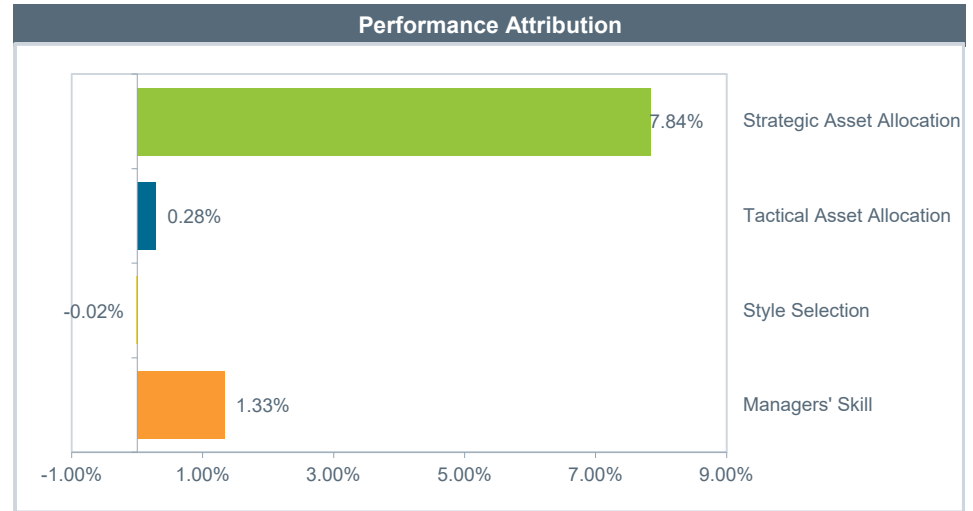
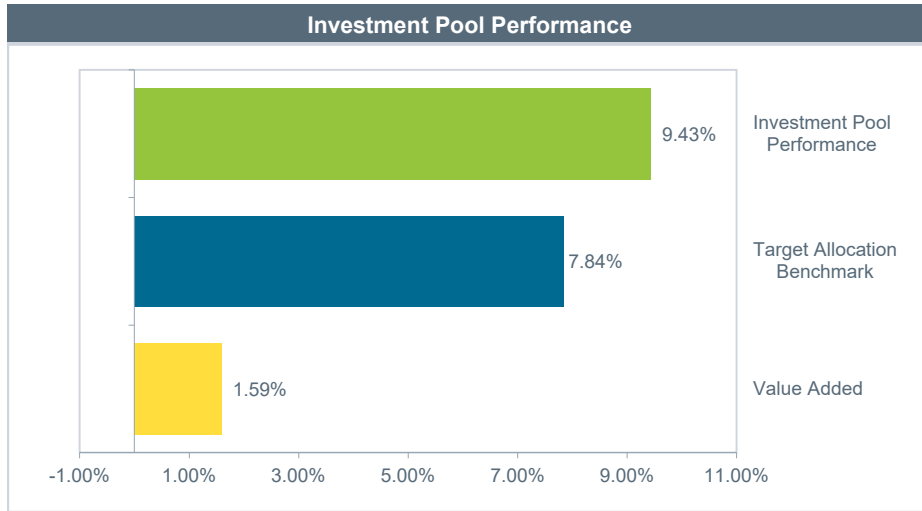
**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
Permanent Mineral Trust Fund vs. Target Allocation Index  
FYTD Ending March 31, 2024**



Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.



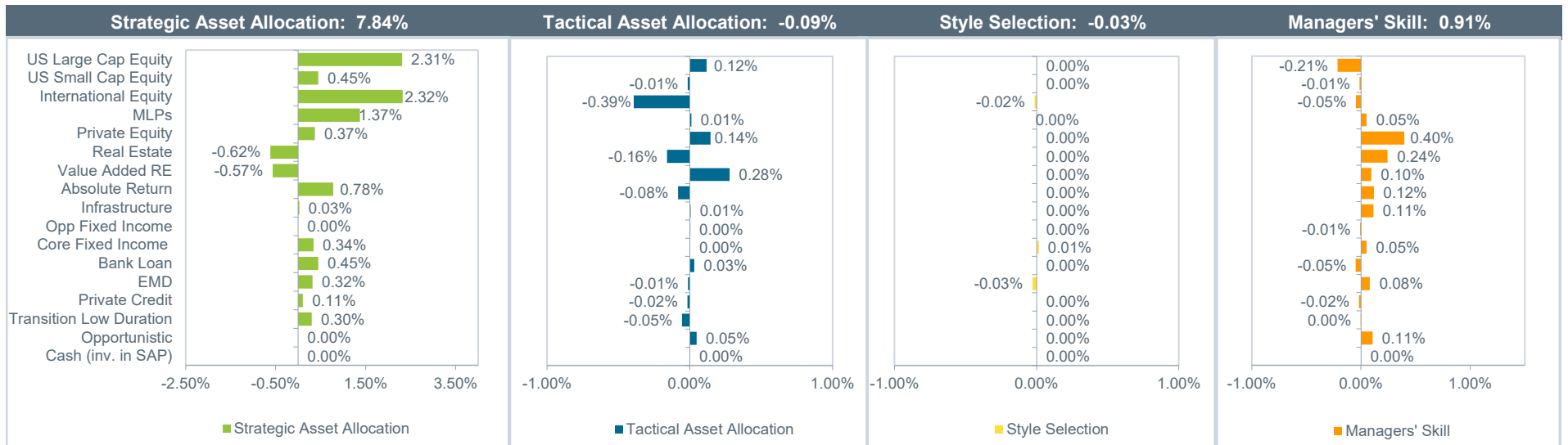
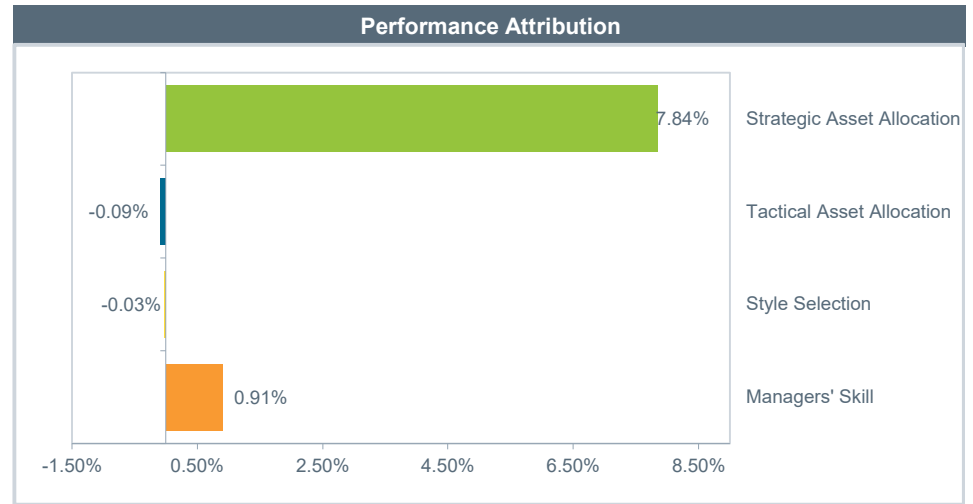
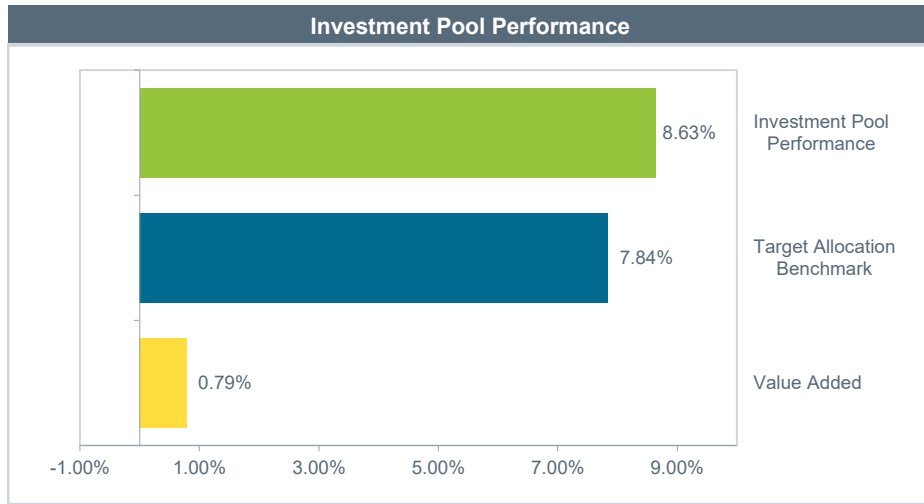
**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
Permanent Land Fund vs. Target Allocation Index  
FYTD Ending March 31, 2024**



Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.



**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
University Permanent Land Fund vs. Target Allocation Index  
FYTD Ending March 31, 2024**

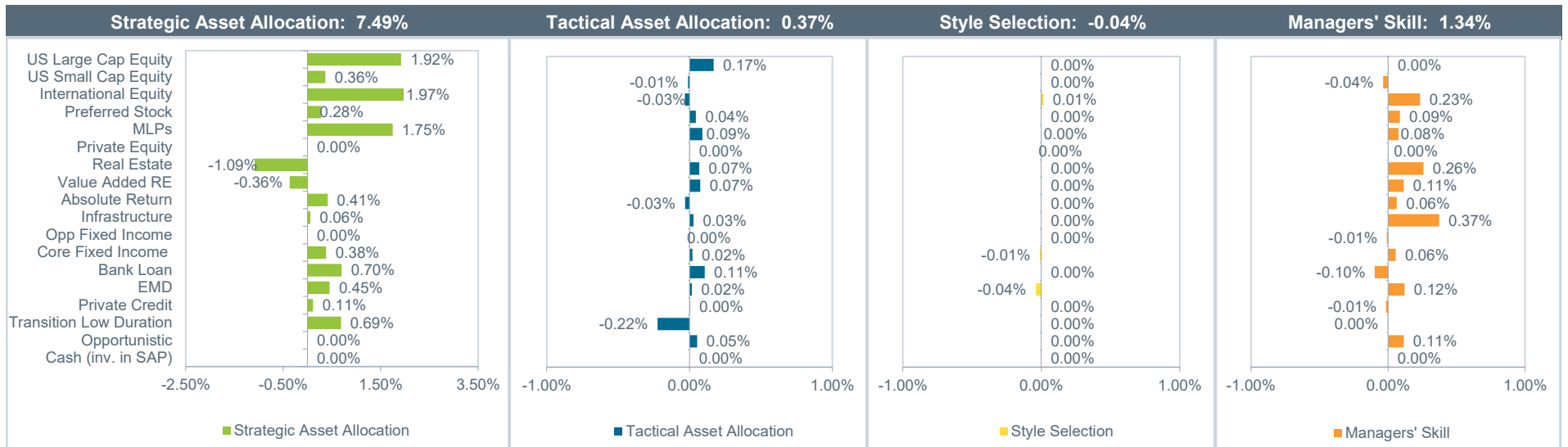
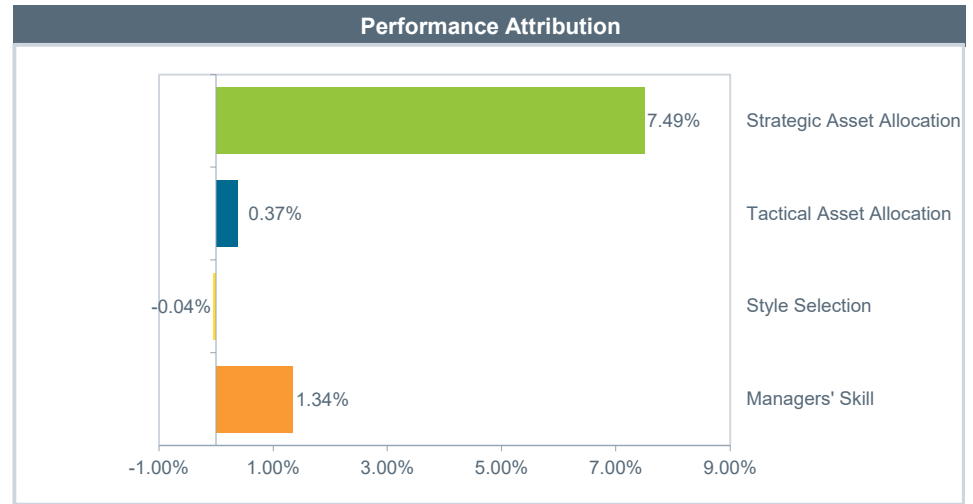
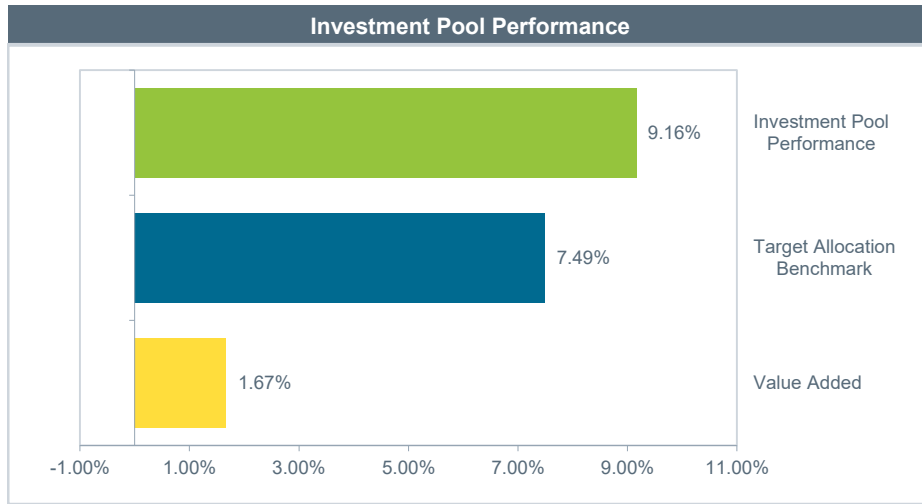


Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.





**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
Common School Permanent Land Fund vs. Target Allocation Index  
FYTD Ending March 31, 2024**



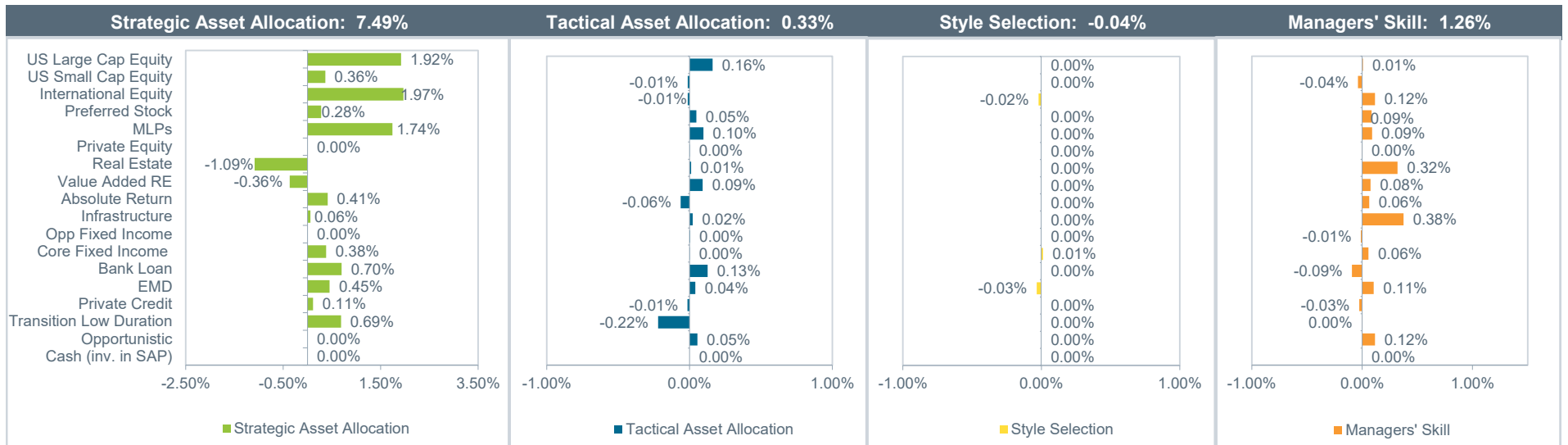
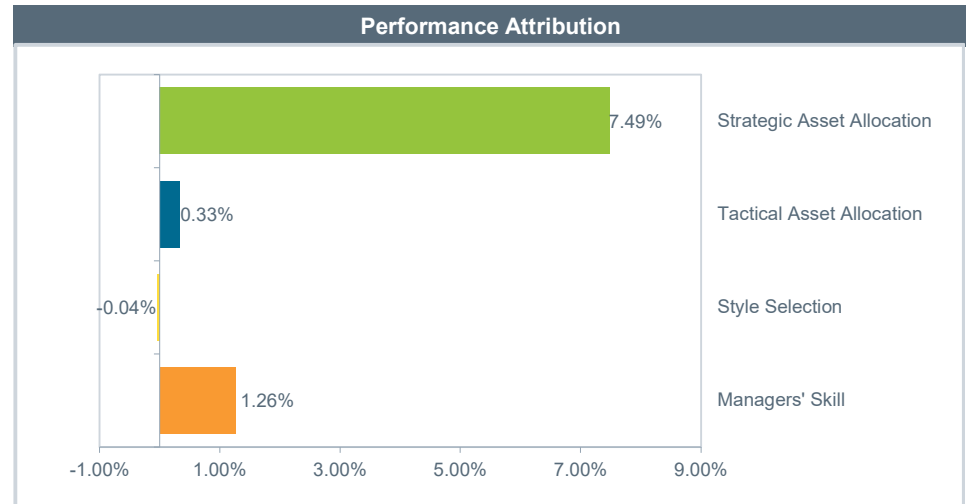
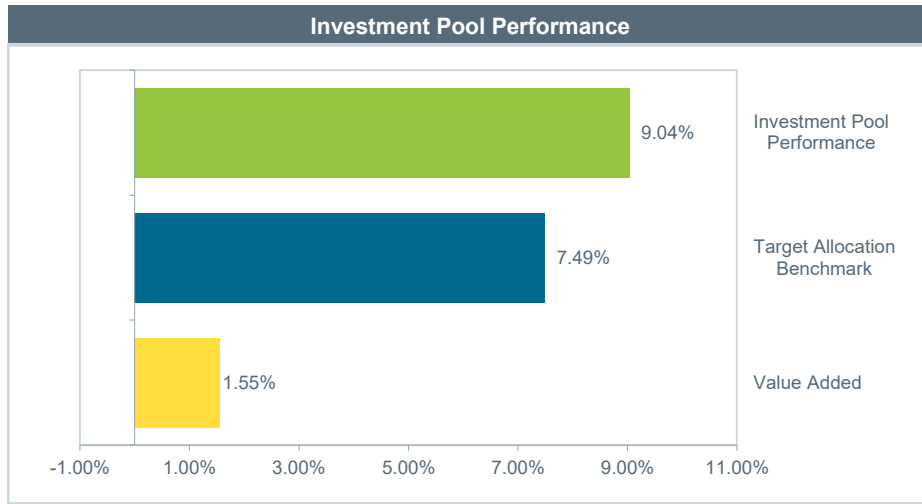
Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.







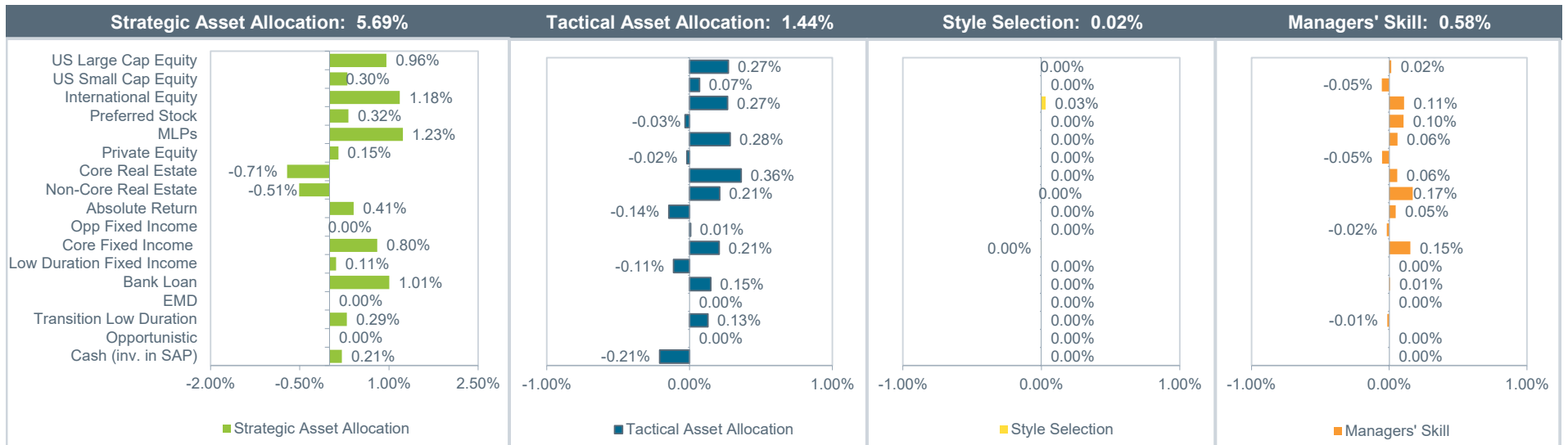
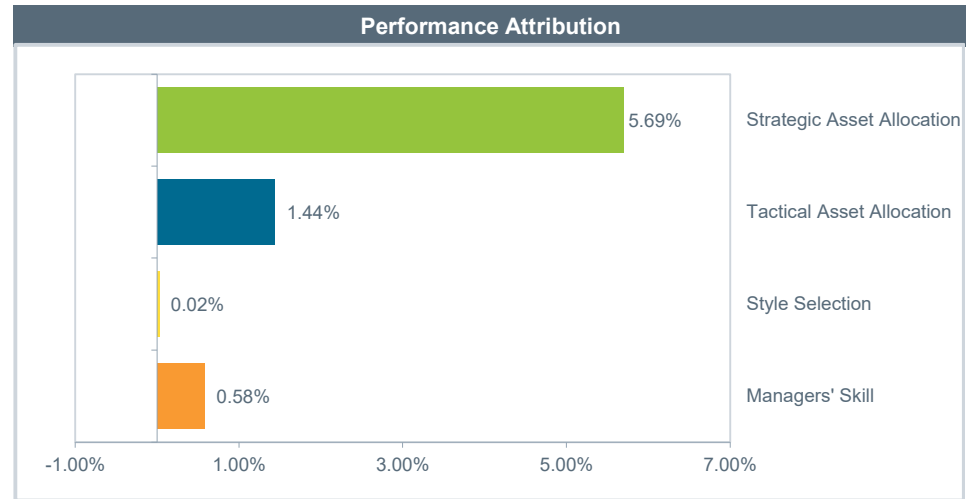
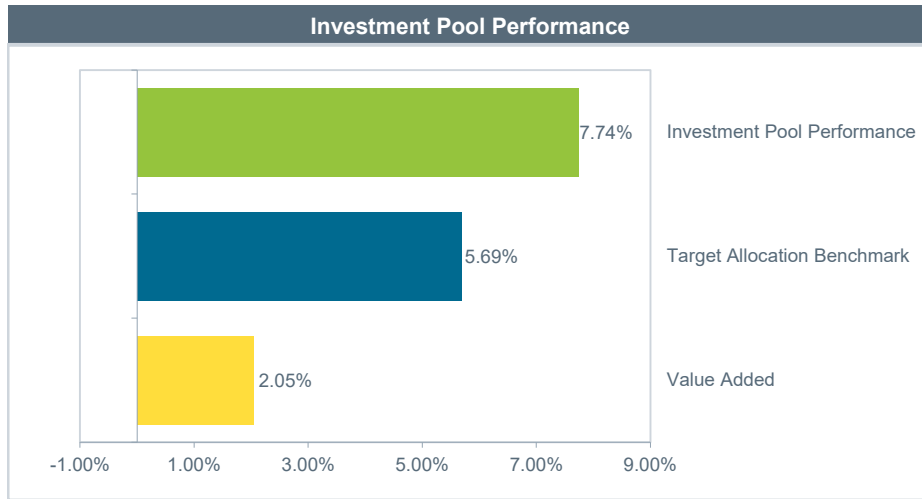
**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
Higher Education Endowment Fund vs. Target Allocation Index  
FYTD Ending March 31, 2024**



Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.



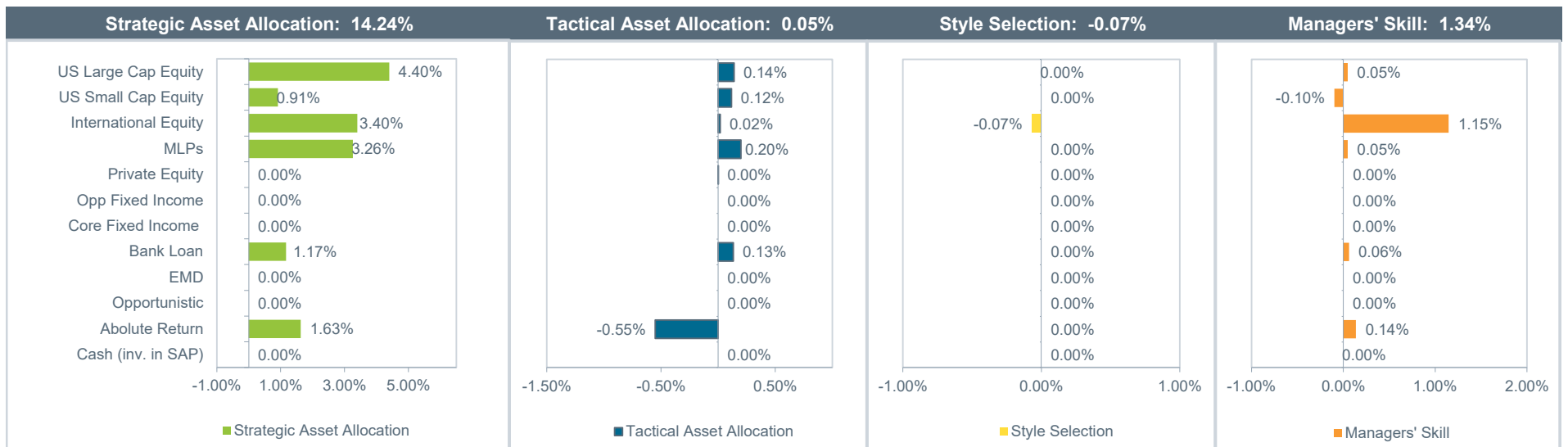
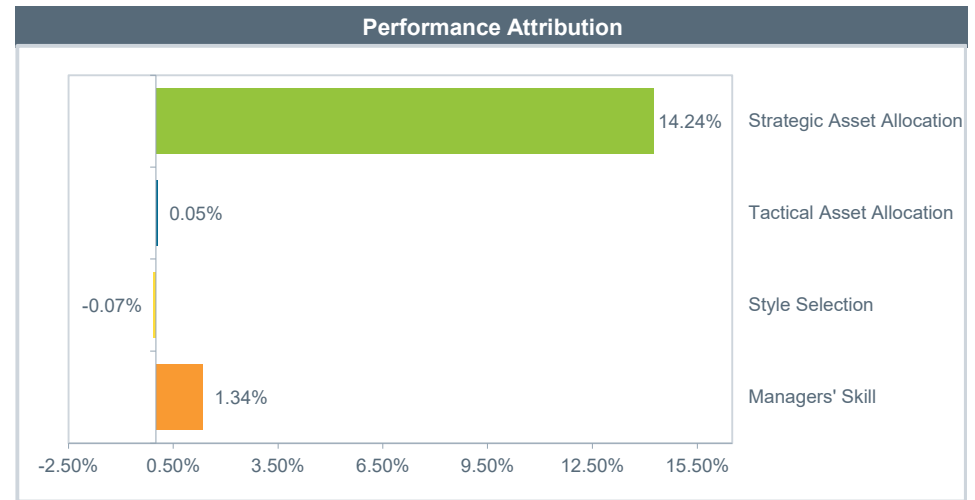
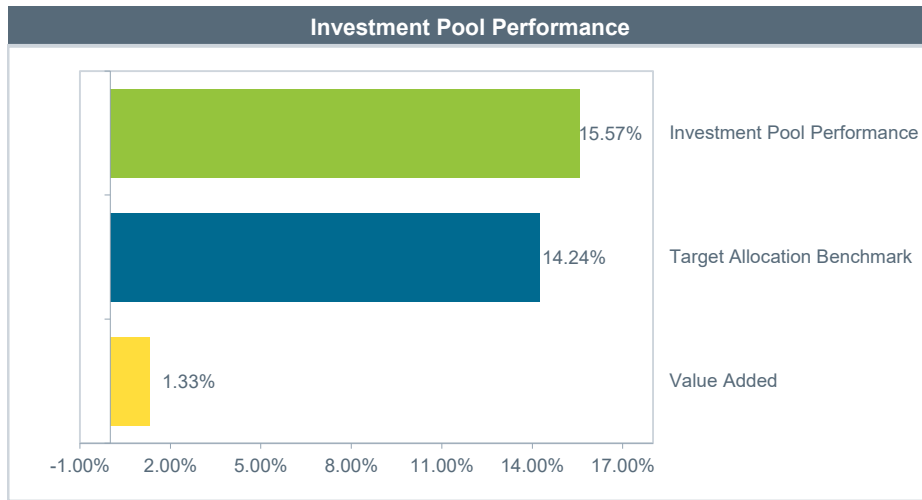
**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
Pool A vs. Target Allocation Index  
FYTD Ending March 31, 2024**



Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.

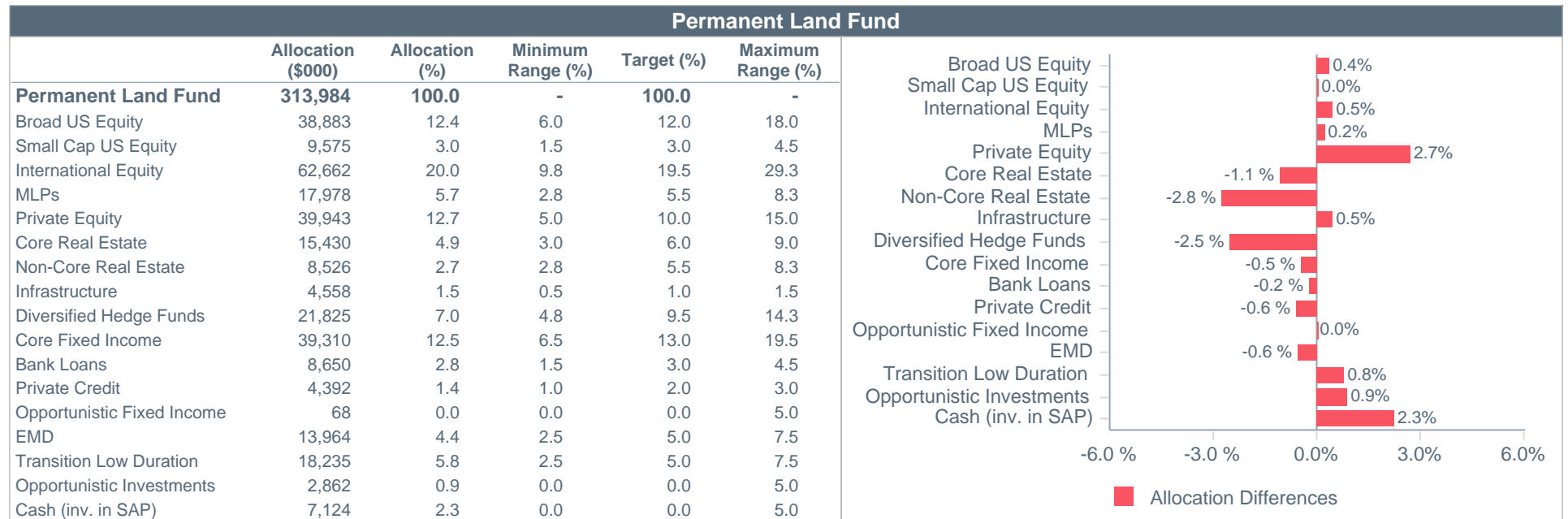
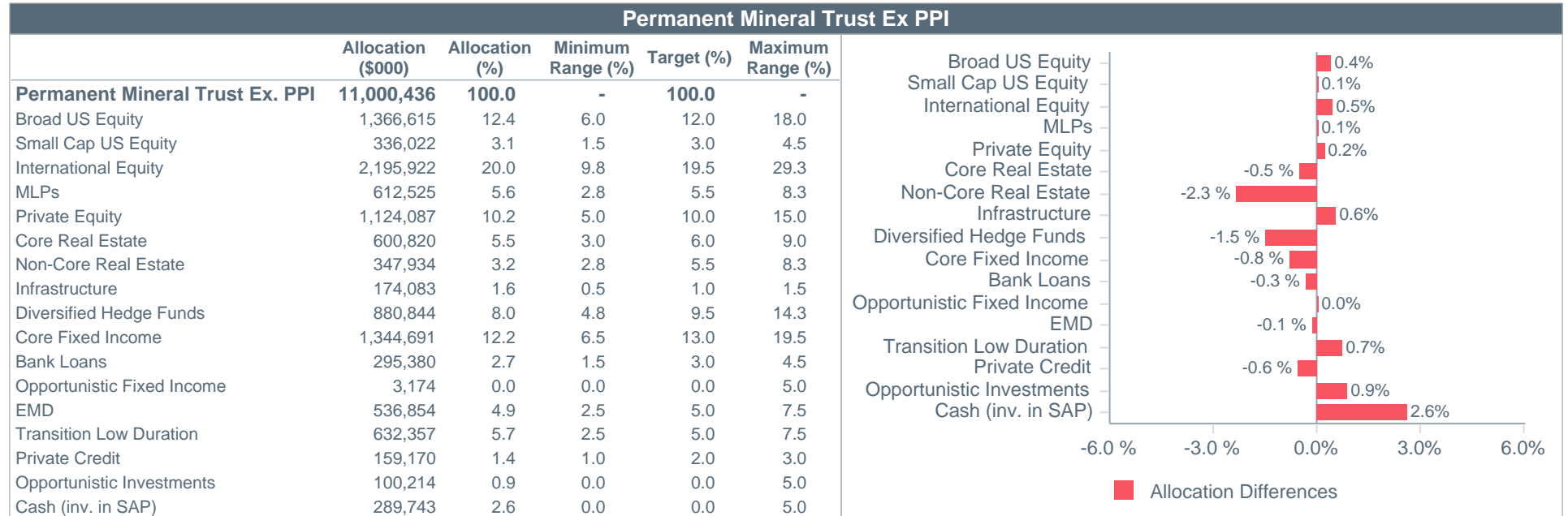


**Wyoming State Treasurer's Office  
Pool Attribution - IDP Methodology  
LSRA LT Reserve vs. Target Allocation Index  
FYTD Ending March 31, 2024**



Attribution shown is calculated using the Investment Decision Process (IDP) method. Performance shown is net of fees. Calculation is based on monthly periodicity. The benchmark utilized in this analysis is a passive target allocation index rather than an active actual allocation index. Actual Allocation Index = Target Allocation Benchmark + Tactical Asset Allocation. The underlying parts may not exactly sum to the category totals due to rounding. FY begins 7/1/2023.





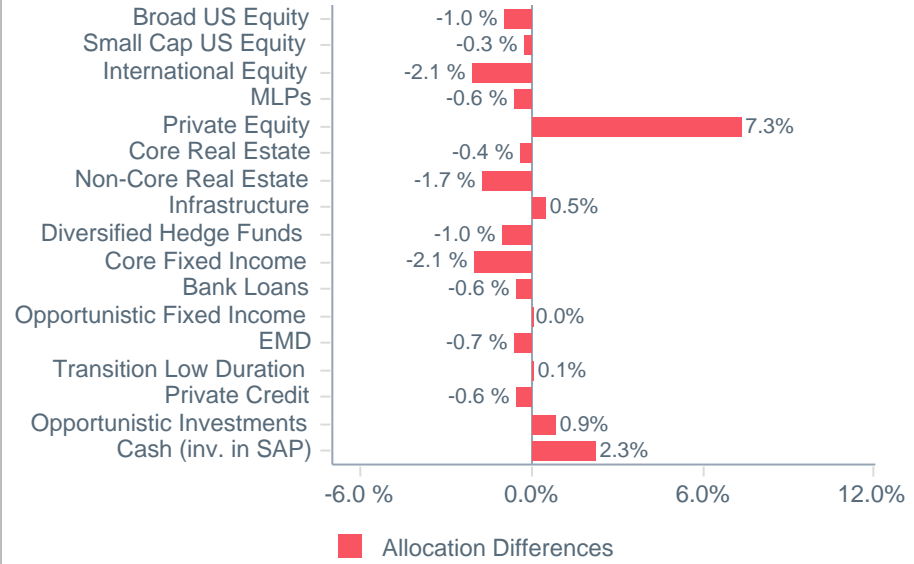
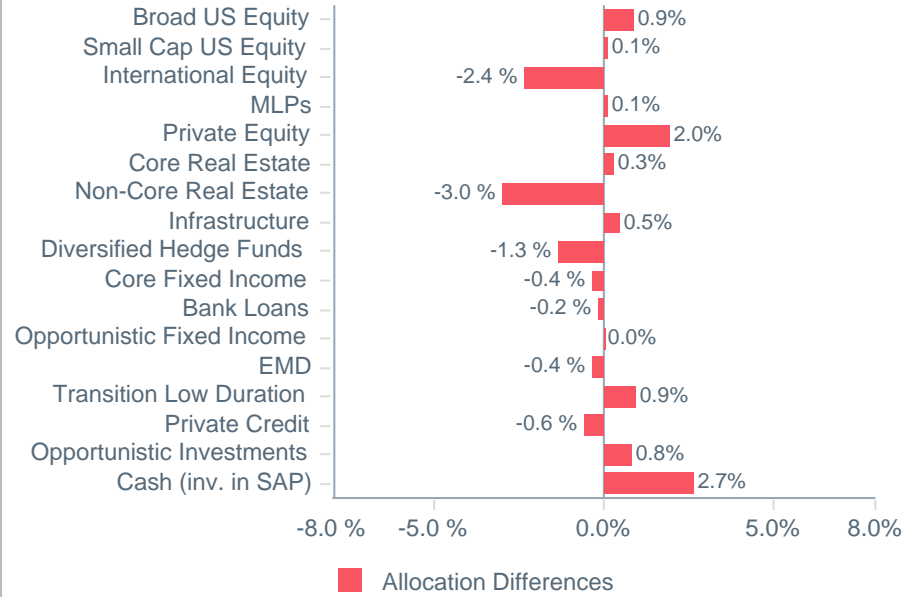
Allocations shown may not sum up to 100% exactly due to rounding. Market value shown for PMTF excludes Public Purpose Investments (PPIs). Asset class targets shown represent 3/1/2024 interim targets. Pool allocations shown are based on 2/29/2024 allocations.



University Permanent Land Fund					
	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>University Permanent Land Fund</b>	<b>33,972</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>
Broad US Equity	4,372	12.9	6.0	12.0	18.0
Small Cap US Equity	1,054	3.1	1.5	3.0	4.5
International Equity	5,820	17.1	9.8	19.5	29.3
MLPs	1,908	5.6	2.8	5.5	8.3
Private Equity	4,061	12.0	5.0	10.0	15.0
Core Real Estate	2,131	6.3	3.0	6.0	9.0
Non-Core Real Estate	837	2.5	2.8	5.5	8.3
Infrastructure	499	1.5	0.5	1.0	1.5
Diversified Hedge Funds	2,776	8.2	4.8	9.5	14.3
Core Fixed Income	4,296	12.6	6.5	13.0	19.5
Bank Loans	959	2.8	1.5	3.0	4.5
Opportunistic Fixed Income	8	0.0	0.0	0.0	5.0
EMD	1,575	4.6	2.5	5.0	7.5
Transition Low Duration	2,015	5.9	2.5	5.0	7.5
Private Credit	488	1.4	1.0	2.0	3.0
Opportunistic Investments	273	0.8	0.0	0.0	5.0
Cash (inv. in SAP)	901	2.7	0.0	0.0	5.0

Hathaway Scholarship					
	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>Hathaway Scholarship</b>	<b>775,063</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>
Broad US Equity	85,413	11.0	6.0	12.0	18.0
Small Cap US Equity	20,919	2.7	1.5	3.0	4.5
International Equity	134,886	17.4	9.8	19.5	29.3
MLPs	37,978	4.9	2.8	5.5	8.3
Private Equity	134,364	17.3	5.0	10.0	15.0
Core Real Estate	43,095	5.6	3.0	6.0	9.0
Non-Core Real Estate	29,279	3.8	2.8	5.5	8.3
Infrastructure	11,450	1.5	0.5	1.0	1.5
Diversified Hedge Funds	65,634	8.5	4.8	9.5	14.3
Core Fixed Income	84,747	10.9	6.5	13.0	19.5
Bank Loans	18,769	2.4	1.5	3.0	4.5
Opportunistic Fixed Income	224	0.0	0.0	0.0	5.0
EMD	33,596	4.3	2.5	5.0	7.5
Transition Low Duration	39,355	5.1	2.5	5.0	7.5
Private Credit	11,031	1.4	1.0	2.0	3.0
Opportunistic Investments	6,717	0.9	0.0	0.0	5.0
Cash (inv. in SAP)	17,607	2.3	0.0	0.0	5.0

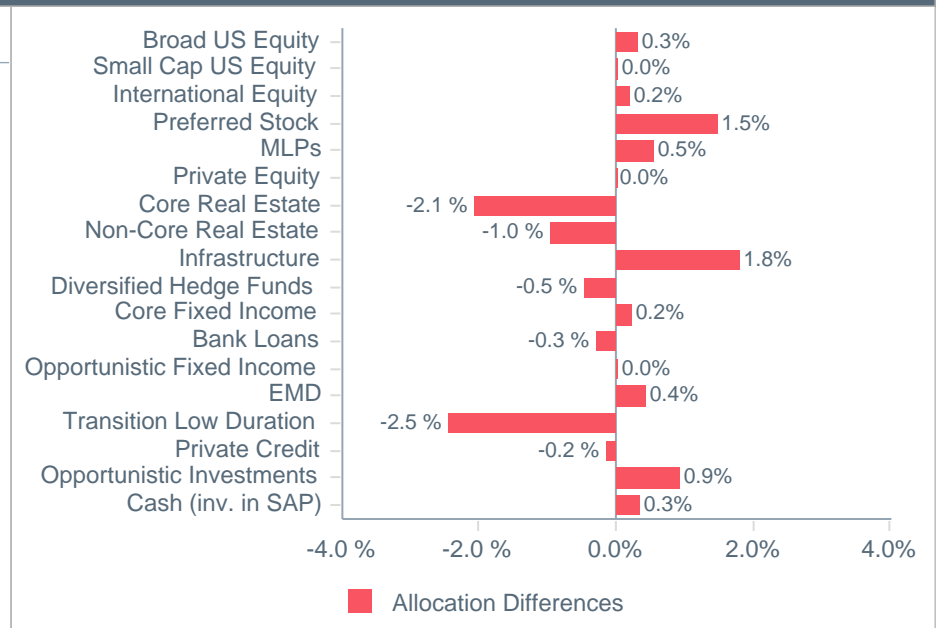


Allocations shown may not sum up to 100% exactly due to rounding. Asset class targets shown represent 3/1/2024 interim targets. Pool allocations shown are based on 2/29/2024 allocations.



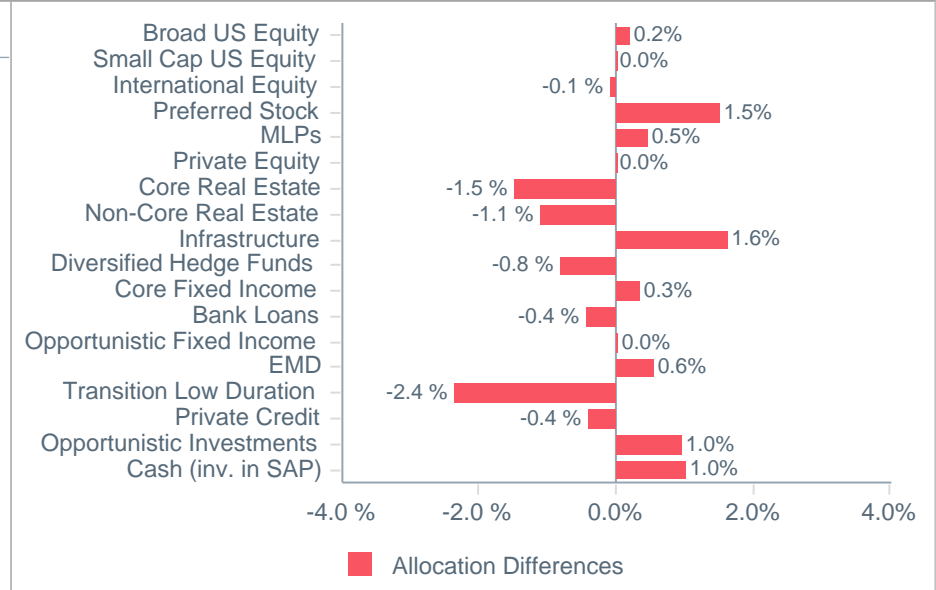
**Common School PLF Ex. PPI**

	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>Common School PLF Ex. PPI</b>	<b>4,976,282</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>
Broad US Equity	563,078	11.3	5.5	11.0	16.5
Small Cap US Equity	125,909	2.5	1.3	2.5	3.8
International Equity	856,551	17.2	8.5	17.0	22.5
Preferred Stock	74,361	1.5	0.0	0.0	0.5
MLPs	375,475	7.5	3.5	7.0	10.5
Private Equity	103	0.0	0.0	0.0	0.0
Core Real Estate	419,114	8.4	5.3	10.5	15.8
Non-Core Real Estate	126,842	2.5	1.8	3.5	5.3
Infrastructure	190,229	3.8	1.0	2.0	3.0
Diversified Hedge Funds	225,535	4.5	2.5	5.0	7.5
Core Fixed Income	733,439	14.7	7.3	14.5	21.8
Bank Loans	134,785	2.7	1.5	3.0	4.5
Opportunistic Fixed Income	1,389	0.0	0.0	0.0	5.0
EMD	370,471	7.4	3.5	7.0	10.5
Transition Low Duration	623,802	12.5	7.5	15.0	22.5
Private Credit	91,935	1.8	1.0	2.0	3.0
Opportunistic Investments	45,874	0.9	0.0	0.0	5.0
Cash (inv. in SAP)	17,390	0.3	0.0	0.0	5.0



**Higher Education**

	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>Higher Education</b>	<b>139,794</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>
Broad US Equity	15,657	11.2	5.5	11.0	16.5
Small Cap US Equity	3,502	2.5	1.3	2.5	3.8
International Equity	23,633	16.9	8.5	17.0	25.5
Preferred Stock	2,105	1.5	0.0	0.0	0.5
MLPs	10,428	7.5	3.5	7.0	10.5
Private Equity	4	0.0	0.0	0.0	0.0
Core Real Estate	12,609	9.0	5.3	10.5	15.8
Non-Core Real Estate	3,339	2.4	1.8	3.5	5.3
Infrastructure	5,076	3.6	1.0	2.0	3.0
Diversified Hedge Funds	5,832	4.2	2.5	5.0	7.5
Core Fixed Income	20,742	14.8	7.3	14.5	21.8
Bank Loans	3,593	2.6	1.5	3.0	4.5
Opportunistic Fixed Income	46	0.0	0.0	0.0	5.0
EMD	10,578	7.6	3.5	7.0	10.5
Transition Low Duration	17,643	12.6	7.5	15.0	22.5
Private Credit	2,230	1.6	1.0	2.0	3.0
Opportunistic Investments	1,333	1.0	0.0	0.0	5.0
Cash (inv. in SAP)	1,444	1.0	0.0	0.0	5.0



Allocations shown may not sum up to 100% exactly due to rounding. Market value shown for CSPLF excludes Public Purpose Investments (PPIs). Asset class targets shown represent 3/1/2024 interim targets. Pool allocations shown are based on 2/29/2024 allocations.

Wyoming State Treasurer's Office  
 Permanent Funds - Workers' Compensation Fund  
 Asset Allocation vs. Target

As of March 31, 2024

Total Workers' Compensation		
	Asset Allocation (\$000)	Asset Allocation (%)
<b>Workers Compensation Fund</b>	<b>2,703,179</b>	<b>100.00</b>
Broad US Equity	131,882	4.88
Small Cap US Equity	12,885	0.48
International Equity	207,171	7.66
MLPs	94,198	3.48
Core Real Estate	134,728	4.98
Non-Core Real Estate	67,072	2.48
Infrastructure	104,637	3.87
Liability Driven Fixed Income	1,478,796	54.71
Opportunistic Fixed Income	10	0.00
EMD	134,314	4.97
Transition Low Duration	199,763	7.39
Private Credit	33,155	1.23
Opportunistic Investments	23,945	0.89
Cash (inv. in SAP)	60,240	2.23

Allocations shown may not sum up to 100% exactly due to rounding. Pool allocations shown are based on 2/29/2024 allocations.



Workers' Comp Long-Term Reserve					
	Asset Allocation (\$000)	Asset Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)
<b>Workers Comp Long-Term Reserve</b>	<b>1,203,096</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Broad US Equity	131,882	10.96	6.50	13.00	19.50
Small Cap US Equity	12,885	1.07	1.00	2.00	3.00
International Equity	207,171	17.22	10.00	20.00	30.00
Private Equity	68	0.01	0.00	0.00	1.00
Private Credit	33,155	2.76	1.50	3.00	4.50
MLP	94,198	7.83	4.50	9.00	13.50
Opportunistic Investments	23,945	1.99	0.00	0.00	2.00
Infrastructure	104,637	8.70	1.50	3.00	4.50
Real Estate Core	134,728	11.20	5.50	11.00	16.50
Real Estate Value Added	67,072	5.57	4.50	9.00	13.50
Core Fixed Income	38,953	3.24	1.50	3.00	4.50
EMD	134,314	11.16	5.50	11.00	16.50
Opportunistic Fixed Income	10	0.00	0.00	0.00	1.00
Transition Low Duration Fixed Income	199,763	16.60	6.50	13.00	19.50
Bank Loans	20,315	1.69	1.50	3.00	4.50
Cash (inv. in SAP)	-	0.00	0.00	0.00	1.00

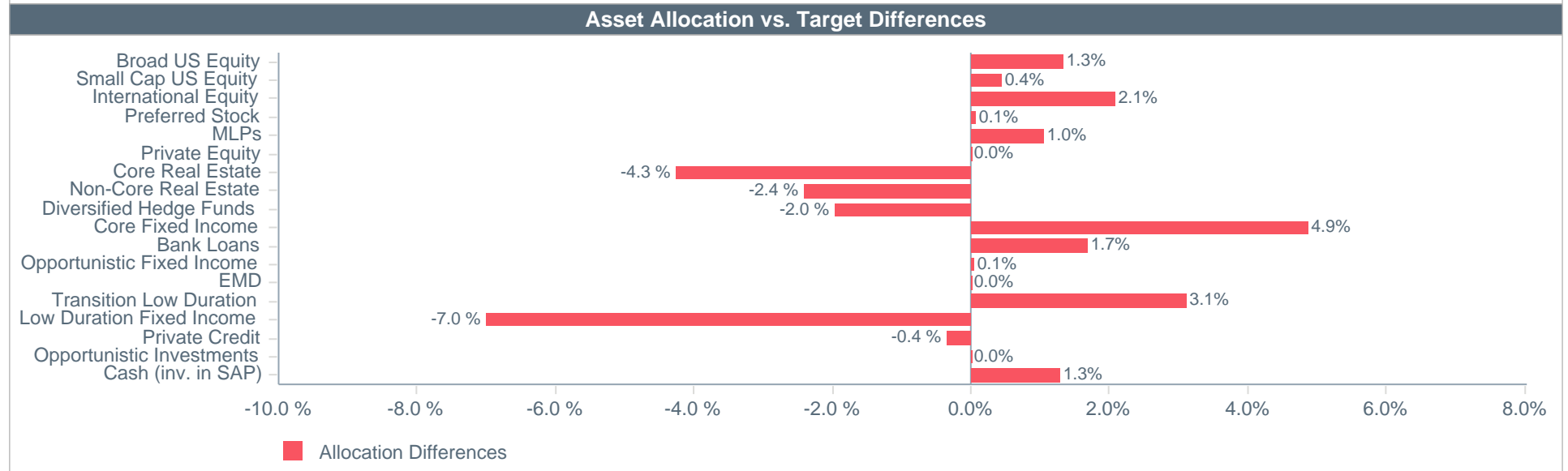
Workers' Comp Liability Hedging Assets					
	Asset Allocation (\$000)	Asset Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)
<b>Workers Comp Liability Hedging Assets</b>	<b>1,439,843</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Liability Driven Fixed Income	1,439,843	100.00	0.00	100.00	100.00

Allocations shown may not sum up to 100% exactly due to rounding. Pool allocations shown are based on 2/29/2024 allocations.

Total LSRA					
	Asset Allocation (\$000)	Asset Allocation (%)		Asset Allocation (%)	
<b>LSRA</b>	<b>1,637,971</b>			<b>100.00</b>	
Broad US Equity	110,165			6.73	
Small Cap US Equity	35,585			2.17	
International Equity	135,820			8.29	
Core Fixed Income	468,357			28.59	
Bank Loans	77,956			4.76	
Low Duration Fixed Income	656,752			40.10	
Private Equity	30			0.00	
MLPs	61,367			3.75	
Diversified Hedge Funds	68,692			4.19	
Opportunistic Investments	-			0.00	
Cash (inv. in SAP)	23,247			1.42	
LSRA Long Term Reserve					
	Asset Allocation (\$000)	Asset Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)
<b>LSRA Long Term Reserve</b>	<b>512,862</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Broad US Equity	110,165	21.48	17.00	22.00	27.00
Small Cap US Equity	35,585	6.94	4.00	6.00	8.00
International Equity	135,820	26.48	21.00	28.00	35.00
Bank Loans	77,956	15.20	10.00	12.50	15.00
Private Equity	30	0.01	0.00	0.00	0.00
MLPs	61,367	11.97	10.00	12.50	15.00
Diversified Hedge Funds	68,692	13.39	15.00	19.00	23.00
Opportunistic Investments	-	0.00	0.00	0.00	0.00
Cash (inv. in SAP)	23,247	4.53	0.00	0.00	0.00
LSRA Intermediate Term Reserve					
	Asset Allocation (\$000)	Asset Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)
<b>LSRA Intermediate Term Reserve</b>	<b>468,357</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Core Fixed Income	468,357	100.00	100.00	100.00	100.00
LSRA Short Term Reserve					
	Asset Allocation (\$)	Asset Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)
<b>LSRA Short Term Reserve</b>	<b>656,752,122</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Low Duration Fixed Income	656,752,122	100.00	100.00	100.00	100.00

Allocations shown may not sum up to 100% exactly due to rounding. The Total LSRA pool has no target allocation. Pool allocations shown are based on 2/29/2024 allocations.

Asset Allocation vs. Target					
	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>Pool A</b>	<b>402,392</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
Broad US Equity	25,507	6.34	2.50	5.00	7.50
Small Cap US Equity	9,834	2.44	1.00	2.00	3.00
International Equity	48,606	12.08	5.00	10.00	15.00
Preferred Stock	293	0.07	0.00	0.00	0.50
MLPs	24,339	6.05	2.50	5.00	7.50
Private Equity	40	0.01	0.00	0.00	0.00
Core Real Estate	10,991	2.73	3.50	7.00	10.50
Non-Core Real Estate	10,422	2.59	2.50	5.00	7.50
Diversified Hedge Funds	12,196	3.03	2.50	5.00	7.50
Core Fixed Income	145,385	36.13	15.63	31.25	46.88
Bank Loans	52,031	12.93	5.63	11.25	16.88
Opportunistic Fixed Income	209	0.05	0.00	0.00	5.00
EMD	-	0.00	0.00	0.00	0.00
Transition Low Duration	28,597	7.11	2.00	4.00	6.00
Low Duration Fixed Income	-	0.00	3.50	7.00	10.50
Private Credit	8,646	2.15	1.25	2.50	3.75
Opportunistic Investments	-	0.00	0.00	0.00	5.00

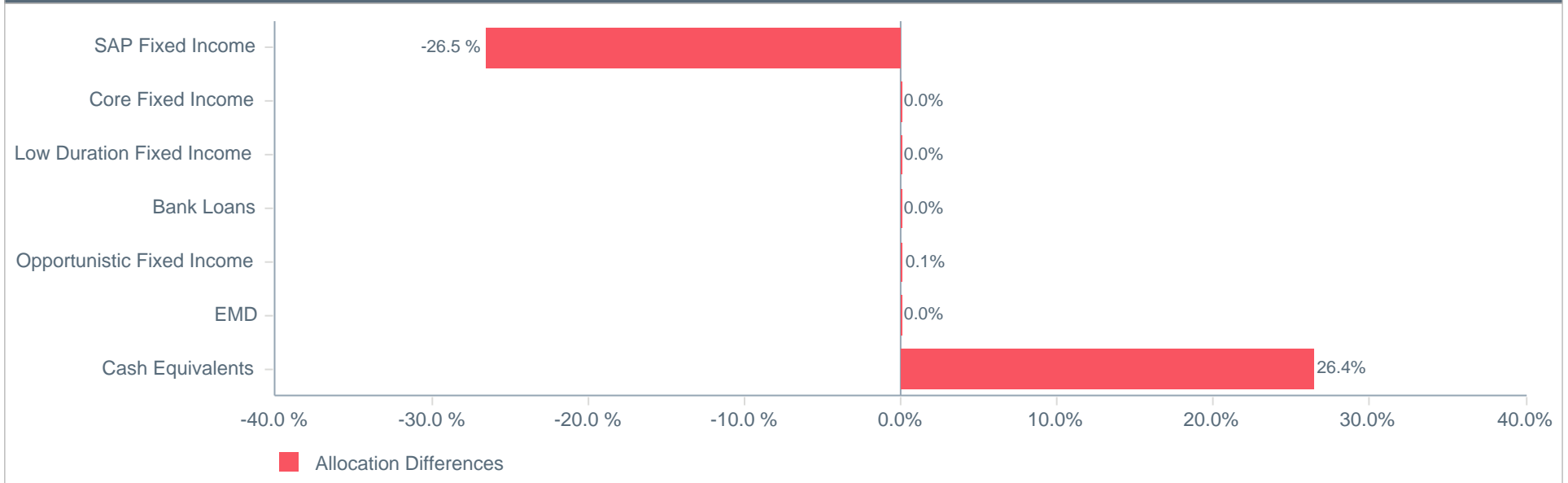


Allocations shown may not sum up to 100% exactly due to rounding. Asset class targets shown represent 3/1/2024 interim targets. Pool allocations shown are based on 2/29/2024 allocations.

Asset Allocation vs. Target

	Allocation (\$000)	Allocation (%)	Minimum Range (%)	Target (%)	Maximum Range (%)
<b>State Agency Pool Excluding PPI</b>	<b>6,488,012</b>	<b>100.00</b>	-	<b>100.00</b>	-
SAP Fixed Income	4,767,523	73.48	100.00	100.00	100.00
Core Fixed Income	-	0.00	0.00	0.00	0.00
Low Duration Fixed Income	-	0.00	0.00	0.00	0.00
Bank Loans	-	0.00	0.00	0.00	0.00
Opportunistic Fixed Income	4,795	0.07	0.00	0.00	0.00
EMD	-	0.00	0.00	0.00	0.00
Cash Equivalents	1,715,694	26.44	0.00	0.00	0.00

Asset Allocation vs. Target Differences



Allocations shown may not sum up to 100% exactly due to rounding. Market value shown excludes Public Purpose Investments (PPIs). Pool allocations shown are based on 2/29/2024 allocations.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>All Cap US Equity Composite</b>	<b>2,339,393,971</b>	<b>8.11</b>	<b>3.25</b>	<b>10.64</b>	<b>10.64</b>	<b>19.51</b>	<b>29.90</b>	<b>11.32</b>	<b>14.53</b>	<b>13.20</b>	<b>-</b>	<b>12.67</b>	<b>11/01/2014</b>
All Cap US Equity Custom Index			3.22	10.56	10.56	19.44	29.88	11.49	14.88	13.84	12.60	12.53	
Difference			0.03	0.08	0.08	0.07	0.02	-0.17	-0.35	-0.64	-	0.14	
<b>State Street All Cap</b>	<b>2,102,962,182</b>	<b>7.29</b>	<b>3.21</b>	<b>10.52</b>	<b>10.52</b>	<b>19.37</b>	<b>29.78</b>	<b>11.44</b>	<b>14.62</b>	<b>13.50</b>	<b>-</b>	<b>12.20</b>	<b>01/01/2015</b>
State Street All Cap Custom Index			3.22	10.56	10.56	19.44	29.88	11.49	14.69	13.49	12.38	12.22	
Difference			-0.01	-0.04	-0.04	-0.07	-0.10	-0.05	-0.07	0.01	-	-0.02	
<b>Internal Domestic Equity Quantitative</b>	<b>102,028,108</b>	<b>0.35</b>	<b>4.16</b>	<b>13.98</b>	<b>13.98</b>	<b>23.86</b>	<b>34.06</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10.54</b>	<b>06/01/2021</b>
S&P 500 Index (Cap Wtd)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	14.09	12.96	9.90	
Difference			0.94	3.42	3.42	4.42	4.18	-	-	-	-	0.64	
<b>SPDR S&amp;P 500 ETF Trust</b>	<b>134,372,443</b>	<b>0.47</b>	<b>3.19</b>	<b>10.30</b>	<b>10.30</b>	<b>19.33</b>	<b>29.68</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22.27</b>	<b>12/01/2022</b>
S&P 500 Index (Cap Wtd)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	14.09	12.96	22.85	
Difference			-0.03	-0.26	-0.26	-0.11	-0.20	-	-	-	-	-0.58	
<b>UW Portfolio Mgmt Program</b>	<b>2,176,049</b>	<b>0.01</b>	<b>3.37</b>	<b>8.83</b>	<b>8.83</b>	<b>15.93</b>	<b>24.17</b>	<b>8.08</b>	<b>11.29</b>	<b>10.53</b>	<b>10.26</b>	<b>5.46</b>	<b>04/01/2006</b>
S&P 500 Index (Cap Wtd)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	14.09	12.96	10.26	
Difference			0.15	-1.73	-1.73	-3.51	-5.71	-3.41	-3.76	-3.56	-2.70	-4.80	
<b>Small Cap US Equity Composite</b>	<b>555,283,999</b>	<b>1.93</b>	<b>3.43</b>	<b>4.82</b>	<b>4.82</b>	<b>12.81</b>	<b>17.24</b>	<b>3.82</b>	<b>9.45</b>	<b>7.46</b>	<b>-</b>	<b>7.29</b>	<b>11/01/2014</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	7.98	
Difference			-0.15	-0.36	-0.36	-0.98	-2.47	3.92	1.35	-0.27	-	-0.69	
<b>Van Berkomp</b>	<b>288,214,174</b>	<b>1.00</b>	<b>3.26</b>	<b>3.67</b>	<b>3.67</b>	<b>11.23</b>	<b>14.43</b>	<b>5.48</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11.90</b>	<b>03/01/2020</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	10.81	
Difference			-0.32	-1.51	-1.51	-2.56	-5.28	5.58	-	-	-	1.09	
<b>Internal Small Cap Equity Quantamental</b>	<b>138,171,449</b>	<b>0.48</b>	<b>4.28</b>	<b>8.43</b>	<b>8.43</b>	<b>17.80</b>	<b>27.18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.86</b>	<b>06/01/2021</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	-0.91	
Difference			0.70	3.25	3.25	4.01	7.47	-	-	-	-	4.77	
<b>Internal Small Cap Equity Quantitative</b>	<b>128,418,005</b>	<b>0.45</b>	<b>3.10</b>	<b>4.08</b>	<b>4.08</b>	<b>12.11</b>	<b>16.64</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.67</b>	<b>11/01/2021</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	-1.73	
Difference			-0.48	-1.10	-1.10	-1.68	-3.07	-	-	-	-	3.40	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Int'l Equity</b>	<b>3,671,071,753</b>	<b>12.73</b>	<b>2.97</b>	<b>6.24</b>	<b>6.24</b>	<b>13.19</b>	<b>17.30</b>	<b>4.22</b>	<b>8.95</b>	<b>8.08</b>	<b>5.68</b>	<b>6.30</b>	<b>01/01/2004</b>
International Equity Custom Index			3.21	4.97	4.97	11.50	14.21	2.22	6.14	6.00	4.34	5.34	
Difference			-0.24	1.27	1.27	1.69	3.09	2.00	2.81	2.08	1.34	0.96	
<b>Northern Trust</b>	<b>1,723,366,563</b>	<b>5.98</b>	<b>3.17</b>	<b>5.22</b>	<b>5.22</b>	<b>12.24</b>	<b>15.16</b>	<b>2.56</b>	<b>6.43</b>	<b>6.28</b>	<b>4.55</b>	<b>5.56</b>	<b>08/01/2010</b>
MSCI All Country World Ex US Ex China Index			3.29	5.24	5.24	12.41	15.15	2.50	6.32	6.13	4.43	5.45	
Difference			-0.12	-0.02	-0.02	-0.17	0.01	0.06	0.11	0.15	0.12	0.11	
<b>Arrowstreet</b>	<b>1,244,288,898</b>	<b>4.31</b>	<b>2.93</b>	<b>10.08</b>	<b>10.08</b>	<b>19.50</b>	<b>25.96</b>	<b>8.24</b>	<b>13.29</b>	-	-	<b>9.45</b>	<b>03/01/2018</b>
MSCI ACW Ex US IM Index (USD) (Net)			3.09	4.33	4.33	10.56	13.20	1.72	6.00	5.85	4.32	3.74	
Difference			-0.16	5.75	5.75	8.94	12.76	6.52	7.29	-	-	5.71	
<b>Internal International Equity Quantitative</b>	<b>103,165,689</b>	<b>0.36</b>	<b>3.61</b>	<b>5.74</b>	<b>5.74</b>	-	-	-	-	-	-	<b>5.53</b>	<b>08/01/2023</b>
MSCI ACW Ex US Index (USD) (Net)			3.13	4.69	4.69	10.56	13.26	1.94	5.97	5.88	4.25	6.24	
Difference			0.48	1.05	1.05	-	-	-	-	-	-	-0.71	
<b>Internal International Equity Quantamental</b>	<b>52,776,808</b>	<b>0.18</b>	<b>2.30</b>	-	-	-	-	-	-	-	-	<b>2.30</b>	<b>03/01/2024</b>
MSCI ACW Ex US Index (USD) (Net)			3.13	4.69	4.69	10.56	13.26	1.94	5.97	5.88	4.25	3.13	
Difference			-0.83	-	-	-	-	-	-	-	-	-0.83	
<b>Harding Loevner</b>	<b>487,406,286</b>	<b>1.69</b>	<b>2.23</b>	<b>1.70</b>	<b>1.70</b>	<b>5.27</b>	<b>8.69</b>	<b>1.40</b>	-	-	-	<b>5.70</b>	<b>01/01/2020</b>
MSCI ACW Ex US Index (USD) (Net)			3.13	4.69	4.69	10.56	13.26	1.94	5.97	5.88	4.25	4.65	
Difference			-0.90	-2.99	-2.99	-5.29	-4.57	-0.54	-	-	-	1.05	
<b>Internal International Equity ETF Account</b>	<b>60,067,510</b>	<b>0.21</b>	<b>3.37</b>	<b>5.39</b>	<b>5.39</b>	<b>12.48</b>	<b>15.77</b>	-	-	-	-	<b>24.60</b>	<b>10/01/2022</b>
MSCI ACWI Ex US Ex China Index			3.29	5.24	5.24	12.42	15.16	2.50	6.32	6.13	4.43	25.53	
Difference			0.08	0.15	0.15	0.06	0.61	-	-	-	-	-0.93	
<b>Cohen &amp; Steers Preferred Stock</b>	<b>76,758,711</b>	<b>0.27</b>	<b>1.68</b>	<b>4.30</b>	<b>4.30</b>	<b>12.80</b>	<b>15.22</b>	<b>1.09</b>	<b>4.35</b>	-	-	<b>4.66</b>	<b>07/01/2018</b>
Preferred Stock Custom Index			1.35	3.76	3.76	10.76	13.09	1.31	4.26	4.06	4.78	4.08	
Difference			0.33	0.54	0.54	2.04	2.13	-0.22	0.09	-	-	0.58	
<b>MLP</b>	<b>1,236,196,328</b>	<b>4.29</b>	<b>6.65</b>	<b>13.12</b>	<b>13.12</b>	<b>26.59</b>	<b>30.13</b>	<b>26.36</b>	<b>11.32</b>	-	-	<b>8.97</b>	<b>08/01/2018</b>
MLP Custom Index			5.51	12.03	12.03	25.73	31.49	24.97	9.81	6.21	2.75	8.19	
Difference			1.14	1.09	1.09	0.86	-1.36	1.39	1.51	-	-	0.78	
<b>Harvest Fund Advisors</b>	<b>686,518,297</b>	<b>2.38</b>	<b>7.41</b>	<b>14.18</b>	<b>14.18</b>	<b>27.77</b>	<b>30.37</b>	<b>28.28</b>	<b>12.07</b>	-	-	<b>9.62</b>	<b>08/01/2018</b>
MLP Custom Index			5.51	12.03	12.03	25.73	31.49	24.97	9.81	6.21	2.75	8.19	
Difference			1.90	2.15	2.15	2.04	-1.12	3.31	2.26	-	-	1.43	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

Wyoming State Treasurer's Office  
Asset Allocation & Performance

As of March 31, 2024

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Harvest Fund Advisors Passive</b>	<b>549,678,032</b>	<b>1.91</b>	<b>5.71</b>	<b>11.96</b>	<b>11.96</b>	<b>25.38</b>	<b>30.02</b>	<b>24.95</b>	-	-	-	<b>15.91</b>	<b>02/01/2020</b>
MLP Custom Index			5.51	12.03	12.03	25.73	31.49	24.97	9.81	6.21	2.75	15.79	
Difference			0.20	-0.07	-0.07	-0.35	-1.47	-0.02	-	-	-	0.12	
<b>Private Equity Composite</b>	<b>1,302,699,752</b>	<b>4.52</b>	<b>-0.05</b>	<b>-0.41</b>	<b>-0.41</b>	<b>5.32</b>	<b>12.22</b>	-	-	-	-	<b>11.47</b>	<b>07/01/2021</b>
Cambridge US PE Legacy Index (Horizon) (Mthly)			0.00	0.00	0.00	3.78	6.58	10.87	14.94	14.94	13.58	7.08	
Difference			-0.05	-0.41	-0.41	1.54	5.64	-	-	-	-	4.39	
<b>Private Credit Composite</b>	<b>311,046,127</b>	<b>1.08</b>	<b>0.31</b>	<b>0.24</b>	<b>0.24</b>	<b>5.96</b>	<b>8.15</b>	-	-	-	-	<b>10.70</b>	<b>11/01/2022</b>
BB US Intermediate Agg + 400 bps			0.00	0.00	0.00	5.56	5.80	2.08	4.51	5.07	5.45	8.94	
Difference			0.31	0.24	0.24	0.40	2.35	-	-	-	-	1.76	
<b>Core Real Estate</b>	<b>1,238,918,756</b>	<b>4.30</b>	<b>-2.25</b>	<b>-2.25</b>	<b>-2.25</b>	<b>-6.87</b>	<b>-11.26</b>	<b>2.96</b>	<b>2.54</b>	<b>3.81</b>	<b>5.87</b>	<b>4.93</b>	<b>01/01/2006</b>
NCREIF ODCE Index (AWA) (Net)			-2.58	-2.58	-2.58	-9.40	-12.01	2.47	2.56	3.76	5.82	4.99	
Difference			0.33	0.33	0.33	2.53	0.75	0.49	-0.02	0.05	0.05	-0.06	
<b>Clarion Lion Properties LP</b>	<b>712,386,016</b>	<b>2.47</b>	<b>-2.80</b>	<b>-2.80</b>	<b>-2.80</b>	<b>-8.31</b>	<b>-13.87</b>	<b>2.28</b>	<b>3.06</b>	<b>4.52</b>	<b>6.74</b>	<b>4.84</b>	<b>01/01/2006</b>
NCREIF ODCE Index (AWA) (Net)			-2.58	-2.58	-2.58	-9.40	-12.01	2.47	2.56	3.76	5.82	4.99	
Difference			-0.22	-0.22	-0.22	1.09	-1.86	-0.19	0.50	0.76	0.92	-0.15	
<b>UBS Trumbull</b>	<b>143,106,641</b>	<b>0.50</b>	<b>-1.82</b>	<b>-1.82</b>	<b>-1.82</b>	<b>-7.36</b>	<b>-10.60</b>	<b>-0.12</b>	<b>-1.49</b>	<b>0.49</b>	<b>2.97</b>	<b>3.50</b>	<b>07/01/2006</b>
NCREIF ODCE Index (AWA) (Net)			-2.58	-2.58	-2.58	-9.40	-12.01	2.47	2.56	3.76	5.82	4.71	
Difference			0.76	0.76	0.76	2.04	1.41	-2.59	-4.05	-3.27	-2.85	-1.21	
<b>MS Prime</b>	<b>383,426,099</b>	<b>1.33</b>	<b>-1.34</b>	<b>-1.34</b>	<b>-1.34</b>	<b>-3.72</b>	<b>-5.88</b>	<b>5.56</b>	-	-	-	<b>5.75</b>	<b>10/01/2020</b>
NCREIF ODCE Index (AWA) (Net)			-2.58	-2.58	-2.58	-9.40	-12.01	2.47	2.56	3.76	5.82	2.98	
Difference			1.24	1.24	1.24	5.68	6.13	3.09	-	-	-	2.77	
<b>Non-Core Real Estate Composite</b>	<b>594,252,373</b>	<b>2.06</b>	<b>0.01</b>	<b>-1.43</b>	<b>-1.43</b>	<b>-5.68</b>	<b>-5.52</b>	-	-	-	-	<b>3.85</b>	<b>07/01/2021</b>
NCREIF ODCE Index (AWA) (Net)			-2.58	-2.58	-2.58	-9.40	-12.01	2.47	2.56	3.76	5.82	1.36	
Difference			2.59	1.15	1.15	3.72	6.49	-	-	-	-	2.49	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.



	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Infrastructure Composite</b>	<b>490,529,797</b>	<b>1.70</b>	<b>0.38</b>	<b>-0.35</b>	<b>-0.35</b>	<b>20.06</b>	<b>23.95</b>	-	-	-	-	<b>10.91</b>	<b>04/01/2022</b>
10 Year US Treasury Yield + 350 bps			0.00	0.00	0.00	3.82	5.60	-	-	-	-	6.20	
Difference			0.38	-0.35	-0.35	16.24	18.35	-	-	-	-	4.71	
<b>Macquarie Infrastructure</b>	<b>221,037,423</b>	<b>0.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.02</b>	<b>11.54</b>	-	-	-	-	<b>6.21</b>	<b>04/01/2022</b>
10 Year US Treasury Yield + 350 bps			0.00	0.00	0.00	3.82	5.60	-	-	-	-	6.20	
Difference			0.00	0.00	0.00	5.20	5.94	-	-	-	-	0.01	
<b>MGIF Co-Investment 3</b>	<b>27,099,441</b>	<b>0.09</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.65</b>	<b>5.23</b>	-	-	-	-	<b>5.52</b>	<b>10/01/2022</b>
10 Year US Treasury Yield + 350 bps			0.00	0.00	0.00	3.82	5.60	-	-	-	-	6.17	
Difference			0.00	0.00	0.00	-1.17	-0.37	-	-	-	-	-0.65	
<b>Grosvenor Silvery Lupine Fund Class E</b>	<b>94,040,316</b>	<b>0.33</b>	<b>0.01</b>	<b>0.48</b>	<b>0.48</b>	<b>81.54</b>	<b>95.84</b>	-	-	-	-	<b>85.09</b>	<b>03/01/2023</b>
10 Year US Treasury Yield + 350 bps			0.00	0.00	0.00	3.82	5.60	-	-	-	-	5.73	
Difference			0.01	0.48	0.48	77.72	90.24	-	-	-	-	79.36	
<b>IFM Global Infrastructure</b>	<b>148,352,617</b>	<b>0.51</b>	<b>1.17</b>	-	-	-	-	-	-	-	-	<b>-0.07</b>	<b>02/01/2024</b>
10 Year US Treasury Yield + 350 bps			0.00	0.00	0.00	3.82	5.60	-	-	-	-	0.00	
Difference			1.17	-	-	-	-	-	-	-	-	-0.07	
<b>Diversified Hedge Funds Composite</b>	<b>1,283,334,109</b>	<b>4.45</b>	<b>1.92</b>	<b>4.81</b>	<b>4.81</b>	<b>9.42</b>	<b>13.15</b>	<b>3.46</b>	<b>3.75</b>	<b>3.24</b>	<b>2.51</b>	<b>2.75</b>	<b>12/01/2007</b>
HFRI FOF Comp Index			1.62	4.17	4.17	8.03	9.68	2.88	5.00	4.37	3.59	2.23	
Difference			0.30	0.64	0.64	1.39	3.47	0.58	-1.25	-1.13	-1.08	0.52	
<b>Grosvenor Diversified Hedge Funds</b>	<b>517,234,669</b>	<b>1.79</b>	<b>1.96</b>	<b>5.31</b>	<b>5.31</b>	<b>9.86</b>	<b>13.69</b>	<b>4.32</b>	<b>5.09</b>	-	-	<b>4.20</b>	<b>07/01/2018</b>
HFRI FOF Comp Index			1.62	4.17	4.17	8.03	9.68	2.88	5.00	4.37	3.59	4.28	
Difference			0.34	1.14	1.14	1.83	4.01	1.44	0.09	-	-	-0.08	
<b>Internal Diversified Hedge Funds</b>	<b>766,099,295</b>	<b>2.66</b>	<b>1.90</b>	<b>4.48</b>	<b>4.48</b>	<b>9.14</b>	<b>12.79</b>	<b>2.88</b>	<b>3.55</b>	-	-	<b>3.56</b>	<b>07/01/2018</b>
HFRI FOF Comp Index			1.62	4.17	4.17	8.03	9.68	2.88	5.00	4.37	3.59	4.28	
Difference			0.28	0.31	0.31	1.11	3.11	0.00	-1.45	-	-	-0.72	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.



Wyoming State Treasurer's Office  
Asset Allocation & Performance

As of March 31, 2024

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Core Fixed Income</b>	<b>3,557,728,714</b>	<b>12.34</b>	<b>0.89</b>	<b>-0.48</b>	<b>-0.48</b>	<b>2.97</b>	<b>2.18</b>	<b>-2.19</b>	<b>0.61</b>	<b>1.28</b>	<b>1.69</b>	<b>1.46</b>	<b>01/01/2013</b>
Bloomberg US Agg Bond Index			0.92	-0.78	-0.78	2.56	1.70	-2.46	0.36	1.06	1.54	1.35	
Difference			-0.03	0.30	0.30	0.41	0.48	0.27	0.25	0.22	0.15	0.11	
<b>Internal Aggregate Core Fixed Income</b>	<b>2,370,717,909</b>	<b>8.22</b>	<b>0.87</b>	<b>-0.51</b>	<b>-0.51</b>	<b>2.86</b>	<b>2.01</b>	<b>-2.15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-0.45</b>	<b>11/01/2019</b>
Bloomberg US Agg Bond Index			0.92	-0.78	-0.78	2.56	1.70	-2.46	0.36	1.06	1.54	-0.85	
Difference			-0.05	0.27	0.27	0.30	0.31	0.31	-	-	-	0.40	
<b>Internal Int Govt Fixed Income Portfolio</b>	<b>1,095,177,120</b>	<b>3.80</b>	<b>0.61</b>	<b>-0.84</b>	<b>-0.84</b>	<b>1.56</b>	<b>0.44</b>	<b>-2.33</b>	<b>-0.19</b>	<b>0.45</b>	<b>1.01</b>	<b>3.70</b>	<b>10/01/1996</b>
Wyoming Internal Fixed Income Custom Index			0.64	-0.96	-0.96	1.45	0.05	-2.73	-0.38	0.24	0.63	3.65	
Difference			-0.03	0.12	0.12	0.11	0.39	0.40	0.19	0.21	0.38	0.05	
<b>Payden &amp; Rygel IGC</b>	<b>510,605,819</b>	<b>1.77</b>	<b>1.30</b>	<b>-0.26</b>	<b>-0.26</b>	<b>4.70</b>	<b>4.42</b>	<b>-1.99</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-0.15</b>	<b>11/01/2019</b>
Payden & Rygel Custom Index			1.29	-0.40	-0.40	4.73	4.43	-1.87	1.35	2.05	2.52	-0.29	
Difference			0.01	0.14	0.14	-0.03	-0.01	-0.12	-	-	-	0.14	
<b>JP Morgan MBS</b>	<b>764,925,146</b>	<b>2.65</b>	<b>0.94</b>	<b>-0.15</b>	<b>-0.15</b>	<b>3.54</b>	<b>2.68</b>	<b>-1.67</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.14</b>	<b>11/01/2019</b>
Bloomberg US MBS Index (Unhgd)			1.06	-1.04	-1.04	2.05	1.39	-2.84	-0.39	0.45	1.12	-1.26	
Difference			-0.12	0.89	0.89	1.49	1.29	1.17	-	-	-	1.40	
<b>IShares Core US Agg Bond ETF</b>	<b>9,825</b>	<b>0.00</b>	<b>0.92</b>	<b>-0.73</b>	<b>-0.73</b>	<b>2.56</b>	<b>1.60</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.34</b>	<b>09/01/2022</b>
Bloomberg US Agg Bond Index			0.92	-0.78	-0.78	2.56	1.70	-2.46	0.36	1.06	1.54	1.30	
Difference			0.00	0.05	0.05	0.00	-0.10	-	-	-	-	0.04	
<b>PIMCO</b>	<b>1,187,010,804</b>	<b>4.12</b>	<b>0.93</b>	<b>-0.41</b>	<b>-0.41</b>	<b>3.15</b>	<b>2.53</b>	<b>-2.30</b>	<b>0.48</b>	<b>1.23</b>	<b>1.70</b>	<b>1.41</b>	<b>01/01/2013</b>
PIMCO Custom Index			0.92	-0.78	-0.78	2.56	1.70	-2.49	0.32	0.98	1.49	1.30	
Difference			0.01	0.37	0.37	0.59	0.83	0.19	0.16	0.25	0.21	0.11	
<b>Bank Loans Composite</b>	<b>612,438,714</b>	<b>2.12</b>	<b>1.03</b>	<b>2.71</b>	<b>2.71</b>	<b>8.20</b>	<b>11.41</b>	<b>5.58</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5.37</b>	<b>09/01/2019</b>
Bank Loans Custom Index			0.83	2.52	2.52	8.64	12.27	5.68	5.29	4.83	4.45	5.28	
Difference			0.20	0.19	0.19	-0.44	-0.86	-0.10	-	-	-	0.09	
<b>Credit Suisse SMA</b>	<b>178,714,632</b>	<b>0.62</b>	<b>0.62</b>	<b>1.75</b>	<b>1.75</b>	<b>7.89</b>	<b>11.37</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11.37</b>	<b>04/01/2023</b>
Bank Loans Custom Index			0.83	2.52	2.52	9.00	12.64	5.80	5.36	4.88	4.49	12.64	
Difference			-0.21	-0.77	-0.77	-1.11	-1.27	-	-	-	-	-1.27	
<b>Octagon SMA</b>	<b>201,958,923</b>	<b>0.70</b>	<b>0.97</b>	<b>2.67</b>	<b>2.67</b>	<b>7.42</b>	<b>10.34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10.10</b>	<b>12/01/2022</b>
Bank Loans Custom Index			0.83	2.52	2.52	8.53	12.16	5.64	5.27	4.82	4.44	11.81	
Difference			0.14	0.15	0.15	-1.11	-1.82	-	-	-	-	-1.71	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.



Wyoming State Treasurer's Office  
Asset Allocation & Performance

As of March 31, 2024

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>KKR</b>	<b>231,765,159</b>	<b>0.80</b>	<b>1.44</b>	<b>3.57</b>	<b>3.57</b>	<b>9.36</b>	<b>12.79</b>	-	-	-	-	<b>6.60</b>	<b>10/01/2021</b>
Bank Loans Custom Index			0.83	2.52	2.52	8.53	12.16	5.64	5.27	4.82	4.44	5.78	
Difference			0.61	1.05	1.05	0.83	0.63	-	-	-	-	0.82	
<b>Emerging Market Debt Fixed Income</b>	<b>1,101,353,315</b>	<b>3.82</b>	<b>1.41</b>	<b>2.11</b>	<b>2.11</b>	<b>7.52</b>	<b>10.79</b>	<b>0.56</b>	<b>2.09</b>	<b>1.67</b>	<b>0.08</b>	<b>-0.74</b>	<b>04/01/2013</b>
EMD Custom Benchmark			1.02	0.74	0.74	6.30	8.46	-1.00	0.83	1.22	0.03	-0.64	
Difference			0.39	1.37	1.37	1.22	2.33	1.56	1.26	0.45	0.05	-0.10	
<b>Global Evolution</b>	<b>104,932,589</b>	<b>0.36</b>	<b>0.06</b>	<b>-2.09</b>	<b>-2.09</b>	<b>3.17</b>	<b>7.29</b>	<b>1.15</b>	-	-	-	<b>0.12</b>	<b>02/01/2020</b>
JPM GBI-EM Gbl Dvfd Index (USD) (TR) (Unhedged)			-0.03	-2.12	-2.12	2.34	4.91	-1.60	0.13	0.71	-0.32	-1.86	
Difference			0.09	0.03	0.03	0.83	2.38	2.75	-	-	-	1.98	
<b>Goldman Sachs</b>	<b>201,331,107</b>	<b>0.70</b>	<b>1.13</b>	<b>2.08</b>	<b>2.08</b>	<b>7.99</b>	<b>9.89</b>	<b>-0.06</b>	-	-	-	<b>1.09</b>	<b>03/01/2020</b>
Goldman Sachs Custom Index			1.00	2.32	2.32	7.69	9.17	-0.13	2.66	3.08	3.74	1.07	
Difference			0.13	-0.24	-0.24	0.30	0.72	0.07	-	-	-	0.02	
<b>Eaton Vance</b>	<b>264,791,828</b>	<b>0.92</b>	<b>2.42</b>	<b>6.31</b>	<b>6.31</b>	<b>11.60</b>	<b>16.90</b>	<b>3.53</b>	-	-	-	<b>3.07</b>	<b>01/01/2021</b>
JP Morgan EMB (JEMB) Hard /Local 50/50			0.76	0.02	0.02	5.31	7.57	-1.14	0.95	1.60	1.59	-2.50	
Difference			1.66	6.29	6.29	6.29	9.33	4.67	-	-	-	5.57	
<b>Global Evolution Hard</b>	<b>144,376,574</b>	<b>0.50</b>	<b>1.79</b>	<b>1.34</b>	<b>1.34</b>	<b>8.61</b>	<b>10.30</b>	<b>-1.10</b>	-	-	-	<b>-2.01</b>	<b>12/01/2020</b>
JP Morgan EMBIG Div Ex CCC (USD) (TR) Index			1.34	0.42	0.42	6.57	7.74	-2.28	0.45	1.57	2.90	-2.95	
Difference			0.45	0.92	0.92	2.04	2.56	1.18	-	-	-	0.94	
<b>Finisterre</b>	<b>256,090,203</b>	<b>0.89</b>	<b>1.15</b>	<b>1.00</b>	<b>1.00</b>	<b>4.98</b>	<b>8.06</b>	<b>0.40</b>	-	-	-	<b>-0.10</b>	<b>03/01/2021</b>
EMD Custom Benchmark (1/3 blend)			1.02	0.74	0.74	6.30	8.46	-1.00	1.20	1.88	2.20	-1.47	
Difference			0.13	0.26	0.26	-1.32	-0.40	1.40	-	-	-	1.37	
<b>Wellington EMD</b>	<b>129,831,014</b>	<b>0.45</b>	<b>0.75</b>	<b>-0.19</b>	<b>-0.19</b>	<b>5.56</b>	<b>8.57</b>	-	-	-	-	<b>-2.84</b>	<b>09/01/2021</b>
50% JPM GBI-EM Gbl Div / 50% JPM EMBI Gbl Div			1.03	-0.05	-0.05	5.59	8.07	-1.47	0.46	1.26	1.41	-3.44	
Difference			-0.28	-0.14	-0.14	-0.03	0.50	-	-	-	-	0.60	
<b>SAP Treasury Composite</b>	<b>4,767,523,355</b>	<b>16.53</b>	<b>0.37</b>	<b>0.53</b>	<b>0.53</b>	<b>3.65</b>	<b>3.52</b>	<b>0.80</b>	-	-	-	<b>1.33</b>	<b>10/01/2019</b>
75% BB Gov't 1-3 yr Bond Ix / 25% BB US Trsry 0-1 yr			0.37	0.52	0.52	3.71	-	-	-	-	-	-	
Difference			0.00	0.01	0.01	-0.06	-	-	-	-	-	-	
<b>Internal SAP Fixed Income Portfolio</b>	<b>4,767,523,355</b>	<b>16.53</b>	<b>0.37</b>	<b>0.53</b>	<b>0.53</b>	<b>3.65</b>	<b>3.52</b>	<b>0.79</b>	-	-	-	<b>1.29</b>	<b>09/01/2019</b>
75% BB Gov't 1-3 yr Bond Ix / 25% BB US Trsry 0-1 yr			0.37	0.52	0.52	3.71	-	-	-	-	-	-	
Difference			0.00	0.01	0.01	-0.06	-	-	-	-	-	-	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.



	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Long Duration Fixed Income Composite</b>	<b>762,034,220</b>	<b>2.64</b>	<b>1.47</b>	<b>-2.47</b>	<b>-2.47</b>	<b>-0.02</b>	<b>-1.45</b>	<b>-6.12</b>	<b>-0.51</b>	-	-	<b>0.71</b>	<b>01/01/2019</b>
Bloomberg US Govt Crdt Lng Trm Bond Index			1.59	-2.41	-2.41	0.15	-1.15	-6.04	-0.62	1.00	2.32	0.60	
Difference			-0.12	-0.06	-0.06	-0.17	-0.30	-0.08	0.11	-	-	0.11	
<b>Internal Long Duration Fixed Income Portfolio</b>	<b>380,608,623</b>	<b>1.32</b>	<b>1.08</b>	<b>-3.39</b>	<b>-3.39</b>	<b>-4.10</b>	<b>-6.11</b>	<b>-7.97</b>	<b>-2.84</b>	-	-	<b>-1.90</b>	<b>01/01/2019</b>
Bloomberg US Govt Lng Trm Bond Index			1.23	-3.24	-3.24	-3.82	-6.03	-8.01	-2.77	-0.65	1.25	-1.79	
Difference			-0.15	-0.15	-0.15	-0.28	-0.08	0.04	-0.07	-	-	-0.11	
<b>Metlife</b>	<b>381,425,597</b>	<b>1.32</b>	<b>1.86</b>	<b>-1.56</b>	<b>-1.56</b>	<b>3.76</b>	<b>2.94</b>	<b>-4.19</b>	<b>1.28</b>	-	-	<b>3.00</b>	<b>11/01/2018</b>
Bloomberg US Lng Crdt Index			1.91	-1.65	-1.65	3.75	3.31	-4.26	0.83	2.10	3.08	2.56	
Difference			-0.05	0.09	0.09	0.01	-0.37	0.07	0.45	-	-	0.44	
<b>Low Duration Fixed Income</b>	<b>656,752,122</b>	<b>2.28</b>	<b>0.33</b>	<b>0.35</b>	<b>0.35</b>	<b>3.87</b>	<b>3.48</b>	<b>0.66</b>	<b>1.57</b>	-	-	<b>1.83</b>	<b>12/01/2018</b>
Low Duration Fixed Income Custom Index			0.35	0.29	0.29	3.58	2.98	0.03	1.15	1.28	1.19	1.45	
Difference			-0.02	0.06	0.06	0.29	0.50	0.63	0.42	-	-	0.38	
<b>Internal Low Duration Fixed Income Portfolio</b>	<b>656,752,122</b>	<b>2.28</b>	<b>0.33</b>	<b>0.35</b>	<b>0.35</b>	<b>3.87</b>	<b>3.48</b>	<b>0.66</b>	<b>1.58</b>	-	-	<b>1.77</b>	<b>03/01/2018</b>
Bloomberg US Govt 1-3 Yr Bond Index			0.35	0.29	0.29	3.58	2.98	0.03	1.14	1.21	1.07	1.42	
Difference			-0.02	0.06	0.06	0.29	0.50	0.63	0.44	-	-	0.35	
<b>Transition Low Duration Fixed Income Composite</b>	<b>1,561,767,344</b>	<b>5.42</b>	<b>0.71</b>	<b>1.74</b>	<b>1.74</b>	<b>6.12</b>	<b>7.80</b>	-	-	-	-	<b>3.33</b>	<b>11/01/2021</b>
Transition Fixed Income Custom Index			0.60	1.52	1.52	6.29	7.79	2.92	3.11	3.00	2.76	3.33	
Difference			0.11	0.22	0.22	-0.17	0.01	-	-	-	-	0.00	
<b>PIMCO Transition Low Duration</b>	<b>1,561,767,344</b>	<b>5.42</b>	<b>0.71</b>	<b>1.74</b>	<b>1.74</b>	<b>6.14</b>	<b>7.81</b>	-	-	-	-	<b>3.33</b>	<b>11/01/2021</b>
PIMCO Low Duration Custom Index			0.60	1.52	1.52	6.32	7.81	3.07	3.20	3.06	2.80	3.51	
Difference			0.11	0.22	0.22	-0.18	0.00	-	-	-	-	-0.18	
<b>Grosvenor Silvery Lupine Fund</b>	<b>9,923,112</b>	<b>0.03</b>	<b>0.34</b>	<b>0.12</b>	<b>0.12</b>	<b>-15.80</b>	<b>-15.85</b>	<b>-6.21</b>	<b>-4.45</b>	<b>-1.41</b>	-	<b>0.62</b>	<b>07/01/2014</b>
Credit Suisse Western Euro Hi Yld Index			0.35	1.57	1.57	9.88	12.42	2.91	4.38	4.68	4.97	4.84	
Difference			-0.01	-1.45	-1.45	-25.68	-28.27	-9.12	-8.83	-6.09	-	-4.22	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Opportunistic Investments Composite</b>	<b>181,218,129</b>	<b>0.63</b>	<b>1.51</b>	<b>6.85</b>	<b>6.85</b>	<b>24.91</b>	<b>31.20</b>	<b>0.99</b>	-	-	-	<b>15.05</b>	<b>07/01/2020</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	-	-	-	6.51	
Difference			-0.19	3.74	3.74	17.00	21.08	-2.72	-	-	-	8.54	
<b>Grosvenor Opportunistic Class D</b>	<b>181,165,661</b>	<b>0.63</b>	<b>1.51</b>	<b>6.85</b>	<b>6.85</b>	<b>24.91</b>	<b>31.20</b>	<b>0.99</b>	-	-	-	<b>15.06</b>	<b>07/01/2020</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	-	-	-	6.51	
Difference			-0.19	3.74	3.74	17.00	21.08	-2.72	-	-	-	8.55	
<b>Internal Opportunistic</b>	<b>52,468</b>	<b>0.00</b>	<b>3.26</b>	<b>10.36</b>	<b>10.36</b>	<b>19.22</b>	<b>29.56</b>	-	-	-	-	<b>21.35</b>	<b>09/01/2022</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	-	-	-	7.83	
Difference			1.56	7.25	7.25	11.31	19.44	-	-	-	-	13.52	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>JP Morgan Cash Composite</b>	<b>2,158,685,665</b>	<b>7.49</b>	<b>0.43</b>	<b>1.32</b>	<b>1.32</b>	<b>4.08</b>	<b>5.38</b>	<b>2.69</b>	<b>2.04</b>	<b>1.91</b>	<b>1.43</b>	<b>1.66</b>	<b>01/01/2006</b>
JP Morgan Cash Custom Index			0.45	1.29	1.29	4.03	5.24	2.58	2.04	1.92	1.43	1.67	
Difference			-0.02	0.03	0.03	0.05	0.14	0.11	0.00	-0.01	0.00	-0.01	
<b>Wyo-Star Cash Composite</b>	<b>533,814,256</b>	<b>1.85</b>	<b>0.45</b>	<b>1.02</b>	<b>1.02</b>	<b>4.07</b>	<b>4.90</b>	<b>2.04</b>	<b>1.81</b>	<b>1.73</b>	<b>1.31</b>	<b>2.99</b>	<b>10/01/1996</b>
Wyo-Star Cash Custom Index			0.41	1.02	1.02	3.97	4.66	1.85	1.78	1.73	1.31	2.49	
Difference			0.04	0.00	0.00	0.10	0.24	0.19	0.03	0.00	0.00	0.50	
<b>WYO STAR II Total Fund</b>	<b>58,424,641</b>	<b>0.20</b>	<b>0.56</b>	<b>0.80</b>	<b>0.80</b>	<b>4.78</b>	<b>5.25</b>	<b>1.14</b>	<b>1.97</b>	<b>-</b>	<b>-</b>	<b>2.20</b>	<b>01/01/2019</b>
Bloomberg US Corp 1-3 Yr Index			0.54	0.79	0.79	4.72	5.01	0.88	1.96	2.05	1.91	2.22	
Difference			0.02	0.01	0.01	0.06	0.24	0.26	0.01	-	-	-0.02	

- Wyoming State Treasurer's Office fiscal year ends on June 30th.
- Since Inception date shown represents the first full month following initial funding.
- The Wyoming State Total Fund Index is calculated using beginning month asset class weights applied to the appropriate asset class benchmark return through 12/31/2019. As of 01/01/2020, the Index is calculated using the weighted average of the respective Investment Funds' Target Allocation Indices.
- Pool Total Fund Indices consist of the actual allocation index through 12/31/2019, and the target allocation index thereafter.
- The All Cap US Equity Custom Index consists of the Russell 3000 Index through 02/29/2020, and the S&P 500 Index thereafter.
- Workers' Compensation Liability Hedging Assets Index is comprised of 50.4% Bloomberg US Government Credit Long Term Index and 49.6% Bloomberg US Aggregate Bond Index, updated annually per actuarial estimates.
- The MLP Custom Index consists of the S&P MLP Index (TR) through 06/30/2019, the Alerian MLP Index through 12/31/2019, and 50% Alerian MLP Index / 50% Alerian Midstream Energy Index thereafter.
- The International Equity Custom Index consists of the MSCI EAFE Index (USD) (Gross) through July 2010, the MSCI ACW Ex US Index (USD) (Net) through 08/18/2023, and 50% MSCI ACW Ex US Index (USD) (Net) 50% MSCI ACW Ex US Ex China (USD) (Net) thereafter.
- The Preferred Stock Custom Index consists of S&P U.S. Preferred Stock Index through 06/30/2021, and 60% ICE BofAML US IG Inst Capital Securities Index, 20% ICE BofAML Core Fixed Rate Preferred Securities Index, and 20% Bloomberg Barclays Developed Market USD Contingent Capital Index thereafter.
- The Internal Intermediate Govt Fixed Income Portfolio Index currently consists of the Bloomberg US Treasury Index. November 2019 performance consists of the Internal Intermediate Govt Fixed Income Portfolio. Prior to November 2019, the index consists of Bloomberg US Gov't Int Term Bond Index. Prior to December 2009, the index consisted of the Bloomberg US Gov't Crdt Bond Index.
- The PIMCO Custom Index consists of the Bloomberg US Agg Bond Index through February 2018, the Bloomberg US Agg Int Index through June 2019, the Bloomberg US Agg Bond Index through 03/26/2020, account performance from 03/27/2020 through 04/03/2020, the BB US Agg Index through 11/29/21, account performance from 11/29/21 through 12/07/21, the Bloomberg US Agg Bond Index thereafter through 06/30/2022, account performance on 7/1/2022, and the Bloomberg US Agg Bond Index thereafter.
- The Low Duration Fixed Income Custom Index consists of the Bloomberg US Gov't Crdt 1-3 Yr Bond Index through 06/30/2019 and the Bloomberg US Gov't 1-3 Yr Bond Index thereafter.
- Transition Fixed Income Custom Index consists of 50% JPM CLOIE IG Idx, 40% BB 1 – 3 Yr Crdt, and 10% ICE BofA 0-2 Yr Dur BB-B Index.
- The PIMCO Low Duration Custom Index consists of 50% JPM CLOIE IG Idx, 40% BB 1 – 3 Yr Crdt, and 10% ICE BofA 0-2 Yr Dur BB-B Index through 11/30/2021, account performance on 12/1/2021-12/13/2021, 50% JPM CLOIE IG Idx, 40% BB 1 – 3 Yr Crdt, and 10% ICE BofA 0-2 Yr Dur BB-B Index thereafter through 3/6/2022, account performance from 3/7/2022-3/18/2022, and 50% JPM CLOIE IG Idx, 40% BB 1 – 3 Yr Crdt, and 10% ICE BofA 0-2 Yr Dur BB-B Index thereafter.
- The State Street All Cap Custom Index consists of 69% Russell 3000 Index, 24% FTSE RAFI US 1000 Index, and 7% MSCI US Min Vol Index (USD) (Gross) through 02/27/2020, State Street All Cap account performance on 02/28/2020, and the S&P 500 Index thereafter.
- The EMD Custom Index consists of the JPM GBI-EM Gbl Dvf'd Index through 02/29/2020, 70% JPM GBI-EM Gbl Dvf'd Index / 30% JPM CEMBI Brd Dvf'd

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

## Wyoming State Treasurer's Office Asset Allocation & Performance

As of March 31, 2024

- Index thereafter through 11/30/2020, and 1/3 JPM GBI-EM Gbl Dvf'd Index, 1/3 JPM CEMBI Brd Dvf'd Index, and 1/3 JPM EMBI Gbl Dvf'd Index thereafter.
- The JP Morgan EMB (JEMB) Hard Currency/Local Currency 50/50 consists of 50% JPM GBI-EM Gbl Dvf'd Index, 25% JPM CEMBI Brd Dvf'd Index, and 25% JPM EMBI Gbl Dvf'd Index.
  - The Goldman Sachs Index consists of JPM CEMBI Brd Dvf'd Index through 11/22/2020, account performance from 11/23/2020 through 11/30/2020, and the JPM CEMBI Brd Dvf'd Index thereafter.
  - The Bank Loans Custom Index consists of S&P LSTA Lvlgd Loan Index through 06/30/2021, the S&P LSTA US Lvlgd Loan 100 Index through 6/30/2023, and the Credit Suisse Leveraged Loan Index thereafter. A performance holiday is reflected in the Custom Bank Loan Index during November and December of 2023 for KKR and Octagon SMA to account for asset reallocation.
  - The Payden & Rygel Custom Index consists of the Bloomberg US Corp Inv Grade Index through 03/25/2020, account performance from 03/26/2020 through 03/31/2020, and Bloomberg US Corp Inv Grade Index thereafter.
  - Performance shown for the JP Morgan Cash Composite and the Wyo-Star Cash Composite consists of the respective operating and extended cash accounts.
  - The JP Morgan Cash Custom Index is calculated monthly using beginning of the month investment weights applied to each corresponding primary benchmark return. The primary benchmark for JP Morgan Cash is the ICE BofAML 3 Mo US T-Bill Index and for JP Morgan Extd is the JP Morgan Blended Index through 06/30/2019, and the ICE BofAML 3 Mo US T-Bill Index thereafter.
  - The Wyo-Star Cash Custom Index is calculated monthly using beginning of the month investment weights applied to each corresponding primary benchmark return. Currently, the primary benchmark for Wyo-Star Cash is the ICE BofAML 3 Mo US T-Bill Index and for Wyo-Star Extd is the JP Morgan Blended Index.

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Internally Managed Funds</b>	<b>8,716,948,383</b>	<b>30.23</b>	<b>0.85</b>	<b>1.14</b>	<b>1.14</b>	<b>4.77</b>	<b>5.09</b>	<b>0.55</b>	<b>1.80</b>	<b>1.91</b>	<b>2.50</b>	<b>2.89</b>	<b>01/01/2006</b>
<b>Internal Equity</b>	<b>719,031,250</b>	<b>2.49</b>	<b>3.53</b>	<b>8.13</b>	<b>8.13</b>	<b>16.99</b>	<b>24.15</b>	<b>6.85</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>6.85</b>	<b>04/01/2021</b>
Internal Equity Composite Actual Allocation Index			3.36	6.87	6.87	14.92	21.70	6.38	N/A	N/A	N/A	6.38	
Difference			0.17	1.26	1.26	2.07	2.45	0.47	N/A	N/A	N/A	0.47	
<b>Internal Domestic Equity Quantitative</b>	<b>102,028,108</b>	<b>0.35</b>	<b>4.16</b>	<b>13.98</b>	<b>13.98</b>	<b>23.86</b>	<b>34.06</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>10.54</b>	<b>06/01/2021</b>
S&P 500 Index (Cap Wtd)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	14.09	12.96	9.90	
Difference			0.94	3.42	3.42	4.42	4.18	N/A	N/A	N/A	N/A	0.64	
<b>Internal Small Cap Equity Quantamental</b>	<b>138,171,449</b>	<b>0.48</b>	<b>4.28</b>	<b>8.43</b>	<b>8.43</b>	<b>17.80</b>	<b>27.18</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>3.86</b>	<b>06/01/2021</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	-0.91	
Difference			0.70	3.25	3.25	4.01	7.47	N/A	N/A	N/A	N/A	4.77	
<b>Internal Small Cap Equity Quantitative</b>	<b>128,418,005</b>	<b>0.45</b>	<b>3.10</b>	<b>4.08</b>	<b>4.08</b>	<b>12.11</b>	<b>16.64</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1.67</b>	<b>11/01/2021</b>
Russell 2000 Index			3.58	5.18	5.18	13.79	19.71	-0.10	8.10	7.73	7.58	-1.73	
Difference			-0.48	-1.10	-1.10	-1.68	-3.07	N/A	N/A	N/A	N/A	3.40	
<b>SPDR S&amp;P 500 ETF Trust</b>	<b>134,372,443</b>	<b>0.47</b>	<b>3.19</b>	<b>10.30</b>	<b>10.30</b>	<b>19.33</b>	<b>29.68</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>22.27</b>	<b>12/01/2022</b>
S&P 500 Index (Cap Wtd)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	14.09	12.96	22.85	
Difference			-0.03	-0.26	-0.26	-0.11	-0.20	N/A	N/A	N/A	N/A	-0.58	
<b>Internal International Equity ETF Account</b>	<b>60,067,510</b>	<b>0.21</b>	<b>3.37</b>	<b>5.39</b>	<b>5.39</b>	<b>12.48</b>	<b>15.77</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>24.60</b>	<b>10/01/2022</b>
MSCI ACWI Ex US Ex China Index			3.29	5.24	5.24	12.42	15.16	2.50	6.32	6.13	4.43	25.53	
Difference			0.08	0.15	0.15	0.06	0.61	N/A	N/A	N/A	N/A	-0.93	
<b>Internal International Equity Quantitative</b>	<b>103,165,689</b>	<b>0.36</b>	<b>3.61</b>	<b>5.74</b>	<b>5.74</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>5.53</b>	<b>08/01/2023</b>
MSCI ACW Ex US Index (USD) (Net)			3.13	4.69	4.69	10.56	13.26	1.94	5.97	5.88	4.25	6.24	
Difference			0.48	1.05	1.05	N/A	N/A	N/A	N/A	N/A	N/A	-0.71	
<b>Internal International Equity Quantamental</b>	<b>52,776,808</b>	<b>0.18</b>	<b>2.30</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2.30</b>	<b>03/01/2024</b>
MSCI ACW Ex US Index (USD) (Net)			3.13	4.69	4.69	10.56	13.26	1.94	5.97	5.88	4.25	3.13	
Difference			-0.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-0.83	
<b>Internal Diversified Hedge Funds</b>	<b>766,099,295</b>	<b>2.66</b>	<b>1.90</b>	<b>4.48</b>	<b>4.48</b>	<b>9.14</b>	<b>12.79</b>	<b>2.88</b>	<b>3.55</b>	<b>N/A</b>	<b>N/A</b>	<b>3.56</b>	<b>07/01/2018</b>
HFRI FOF Comp Index			1.62	4.17	4.17	8.03	9.68	2.88	5.00	4.37	3.59	4.28	
Difference			0.28	0.31	0.31	1.11	3.11	0.00	-1.45	N/A	N/A	-0.72	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Internal Fixed Income</b>	<b>6,900,071,044</b>	<b>23.93</b>	<b>0.44</b>	<b>0.06</b>	<b>0.06</b>	<b>2.97</b>	<b>2.55</b>	<b>-0.14</b>	<b>1.42</b>	<b>1.61</b>	<b>1.82</b>	<b>4.01</b>	<b>10/01/1996</b>
Internal Fixed Income Actual Allocation Index			0.46	0.04	0.04	2.92	2.43	-0.24	1.36	1.52	1.53	3.99	
Difference			-0.02	0.02	0.02	0.05	0.12	0.10	0.06	0.09	0.29	0.02	
<b>Internal Int Govt Fixed Income Portfolio</b>	<b>1,095,177,120</b>	<b>3.80</b>	<b>0.61</b>	<b>-0.84</b>	<b>-0.84</b>	<b>1.56</b>	<b>0.44</b>	<b>-2.33</b>	<b>-0.19</b>	<b>0.45</b>	<b>1.01</b>	<b>3.70</b>	<b>10/01/1996</b>
Internal Int Govt Fixed Income Portfolio Index			0.64	-0.96	-0.96	1.45	0.05	-2.73	-0.38	0.24	0.63	3.65	
Difference			-0.03	0.12	0.12	0.11	0.39	0.40	0.19	0.21	0.38	0.05	
<b>IShares Core US Agg Bond ETF</b>	<b>9,825</b>	<b>0.00</b>	<b>0.92</b>	<b>-0.73</b>	<b>-0.73</b>	<b>2.56</b>	<b>1.60</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1.34</b>	<b>09/01/2022</b>
Bloomberg US Agg Bond Index			0.92	-0.78	-0.78	2.56	1.70	-2.46	0.36	1.06	1.54	1.30	
Difference			0.00	0.05	0.05	0.00	-0.10	N/A	N/A	N/A	N/A	0.04	
<b>Internal SAP Fixed Income Portfolio</b>	<b>4,767,523,355</b>	<b>16.53</b>	<b>0.37</b>	<b>0.53</b>	<b>0.53</b>	<b>3.65</b>	<b>3.52</b>	<b>0.79</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1.29</b>	<b>09/01/2019</b>
75% BB Gov't 1-3 yr Bond Ix / 25% BB US Trsry 0-1 yr			0.37	0.52	0.52	3.71	N/A	N/A	N/A	N/A	N/A	N/A	
Difference			0.00	0.01	0.01	-0.06	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Internal Long Duration Fixed Income Portfolio</b>	<b>380,608,623</b>	<b>1.32</b>	<b>1.08</b>	<b>-3.39</b>	<b>-3.39</b>	<b>-4.10</b>	<b>-6.11</b>	<b>-7.97</b>	<b>-2.84</b>	<b>N/A</b>	<b>N/A</b>	<b>-1.90</b>	<b>01/01/2019</b>
Bloomberg US Govt Lng Trm Bond Index			1.23	-3.24	-3.24	-3.82	-6.03	-8.01	-2.77	-0.65	1.25	-1.79	
Difference			-0.15	-0.15	-0.15	-0.28	-0.08	0.04	-0.07	N/A	N/A	-0.11	
<b>Internal Low Duration Fixed Income Portfolio</b>	<b>656,752,122</b>	<b>2.28</b>	<b>0.33</b>	<b>0.35</b>	<b>0.35</b>	<b>3.87</b>	<b>3.48</b>	<b>0.66</b>	<b>1.58</b>	<b>N/A</b>	<b>N/A</b>	<b>1.77</b>	<b>03/01/2018</b>
Bloomberg US Govt 1-3 Yr Bond Index			0.35	0.29	0.29	3.58	2.98	0.03	1.14	1.21	1.07	1.42	
Difference			-0.02	0.06	0.06	0.29	0.50	0.63	0.44	N/A	N/A	0.35	
<b>Opportunistic Investments Composite</b>	<b>181,218,129</b>	<b>0.63</b>	<b>1.51</b>	<b>6.85</b>	<b>6.85</b>	<b>24.91</b>	<b>31.20</b>	<b>0.99</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>15.05</b>	<b>07/01/2020</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	N/A	N/A	N/A	6.51	
Difference			-0.19	3.74	3.74	17.00	21.08	-2.72	N/A	N/A	N/A	8.54	
<b>Grosvenor Opportunistic Class D</b>	<b>181,165,661</b>	<b>0.63</b>	<b>1.51</b>	<b>6.85</b>	<b>6.85</b>	<b>24.91</b>	<b>31.20</b>	<b>0.99</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>15.06</b>	<b>07/01/2020</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	N/A	N/A	N/A	6.51	
Difference			-0.19	3.74	3.74	17.00	21.08	-2.72	N/A	N/A	N/A	8.55	
<b>Internal Opportunistic</b>	<b>52,468</b>	<b>0.00</b>	<b>3.26</b>	<b>10.36</b>	<b>10.36</b>	<b>19.22</b>	<b>29.56</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>21.35</b>	<b>09/01/2022</b>
Opportunistic Custom Benchmark			1.70	3.11	3.11	7.91	10.12	3.71	N/A	N/A	N/A	7.83	
Difference			1.56	7.25	7.25	11.31	19.44	N/A	N/A	N/A	N/A	13.52	

Performance shown is net of fees and excludes Public Purpose Investments (PPIs) and operational cash. Investment manager fees are accounted for on a quarterly basis. Performance and market values shown are preliminary and subject to change. Performance is annualized for periods greater than one year. Fiscal year begins 7/1/2023.



PORTLAND

BOISE

CHICAGO

NEW YORK

**Disclaimer of Warranties and Limitation of Liability** - This document was prepared by RVK, Inc. (RVK) and may include information and data from some or all of the following sources: client staff; custodian banks; investment managers; specialty investment consultants; actuaries; plan administrators/record-keepers; index providers; as well as other third-party sources as directed by the client or as we believe necessary or appropriate. RVK has taken reasonable care to ensure the accuracy of the information or data, but makes no warranties and disclaims responsibility for the accuracy or completeness of information or data provided or methodologies employed by any external source. This document is provided for the client's internal use only and does not constitute a recommendation by RVK or an offer of, or a solicitation for, any particular security and it is not intended to convey any guarantees as to the future performance of the investment products, asset classes, or capital markets.

