

RVK

Quarterly Performance Report

North Dakota Board of University and School Lands

December 31, 2024

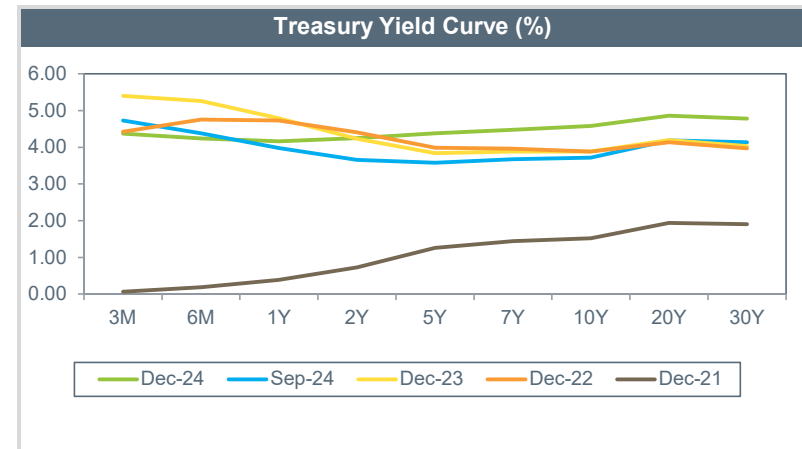
I. Capital Markets Review

Fourth Quarter Economic Environment

Key Economic Indicators

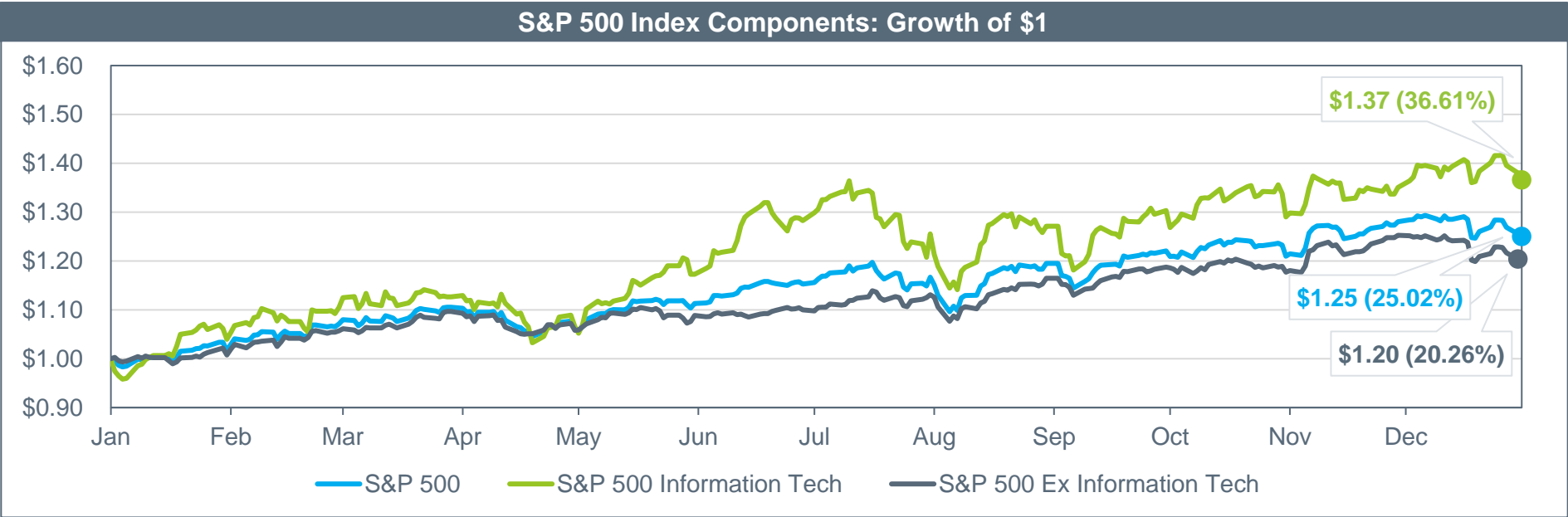
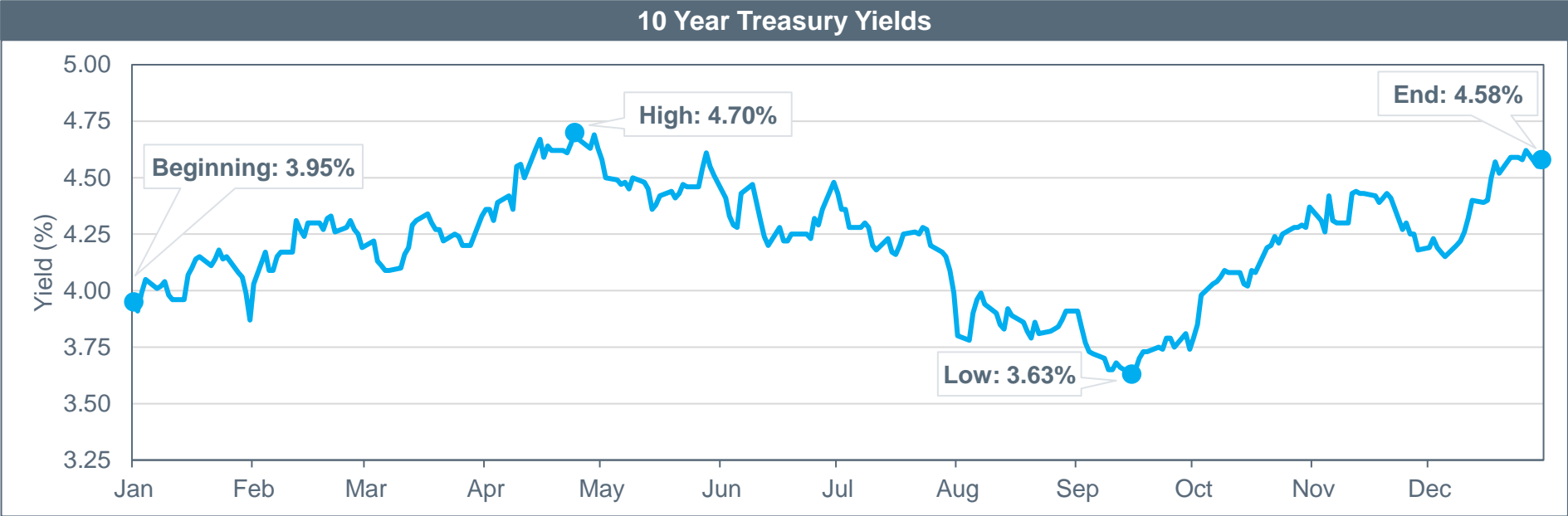
Despite multiple risks to economic growth—including persistent pockets of inflation, ongoing wars, and the prospect of renewed trade disruptions—risk assets delivered robust returns in 2024. For the calendar year, the MSCI All Country World Investable Market Index generated returns of 16.9%, primarily due to the returns of the US stock market and many of its largest companies. However, during Q4, investor sentiment for Chinese and other non-US securities weakened due to the trade measures expected from the second Trump administration, which caused global stock markets to experience a minor retracement. Credit spreads within debt markets continued to tighten throughout the year, leading to attractive returns for noninvestment grade, leveraged loan, securitized, and hard currency emerging markets debt. In December, the Organisation for Economic Co-operation and Development (OECD) Economic Outlook report forecasted global GDP growth of 3.2% for 2024, with a slight increase to 3.3% in 2025 and 2026. The year-over-year Headline Consumer Price Index change was 2.9% according to the December reading, representing a decline from 3.4% at the end of 2023. The Federal Open Markets Committee (FOMC) continued its trend of reducing the Federal Funds Rate with a 0.25% cut in December, following a 0.25% cut in November and 0.50% cut in September. The range for the Federal Funds Rate is now 4.25%–4.50%, down from its recent peak range of 5.25%–5.50%.

Economic Indicators	Dec-24	Sep-24	Dec-23	Dec-21	20 Yr
Federal Funds Rate (%)	4.33 ▼	4.83	5.33	0.07	1.68
10 Year US Treasury Yield	4.58 ▲	3.72	3.88	1.52	4.24
30 Year US Treasury Yield	4.78 ▲	4.14	4.03	1.90	N/A
Consumer Price Index YoY (Headline) (%)	2.90 ▲	2.40	3.40	7.00	2.60
Unemployment Rate (%)	4.10 —	4.10	3.70	3.90	5.80
Real Gross Domestic Product YoY (%)	2.50 ▼	2.70	3.10	5.40	2.00
PMI - Manufacturing	49.20 ▲	47.20	47.40	58.80	52.90
US Dollar Total Weighted Index	129.49 ▲	121.53	118.77	115.37	104.49
WTI Crude Oil per Barrel (\$)	71.57 ▲	68.17	71.65	75.21	71.90



Market Performance (%)	QTD	CYTD	1 Yr	3 Yr	5 Yr	10 Yr	15 Yr	20 Yr
US Large Cap Equity	2.41	25.02	25.02	8.94	14.53	13.10	13.88	10.35
US Small Cap Equity	0.33	11.54	11.54	1.24	7.40	7.82	10.33	7.79
Developed International Equity	-8.11	3.82	3.82	1.65	4.73	5.20	5.24	4.81
Developed International Small Cap Equity	-8.36	1.82	1.82	-3.25	2.30	5.52	6.55	5.78
Emerging Markets Equity	-8.01	7.50	7.50	-1.92	1.70	3.64	3.01	6.01
US Aggregate Bond	-3.06	1.25	1.25	-2.41	-0.33	1.35	2.37	3.01
3 Month US Treasury Bill	1.17	5.25	5.25	3.89	2.46	1.77	1.20	1.66
US Real Estate	1.16	-1.43	-1.43	-2.32	2.87	5.88	8.50	6.49
Real Estate Investment Trusts (REITs)	-6.21	8.73	8.73	-2.20	4.27	5.73	9.32	7.01
Commodities	-0.45	5.38	5.38	4.05	6.77	1.28	-1.04	-0.30

Treasury data courtesy of the US Department of the Treasury. Economic data courtesy of Bloomberg Professional Service. Real Gross Domestic Product YoY (%) is available quarterly. Real estate is reported quarterly; QTD returns are shown as "0.00" on interim-quarter months and until available. Market performance is representative of broad asset class index returns. Please see the addendum for indices used for each asset class.



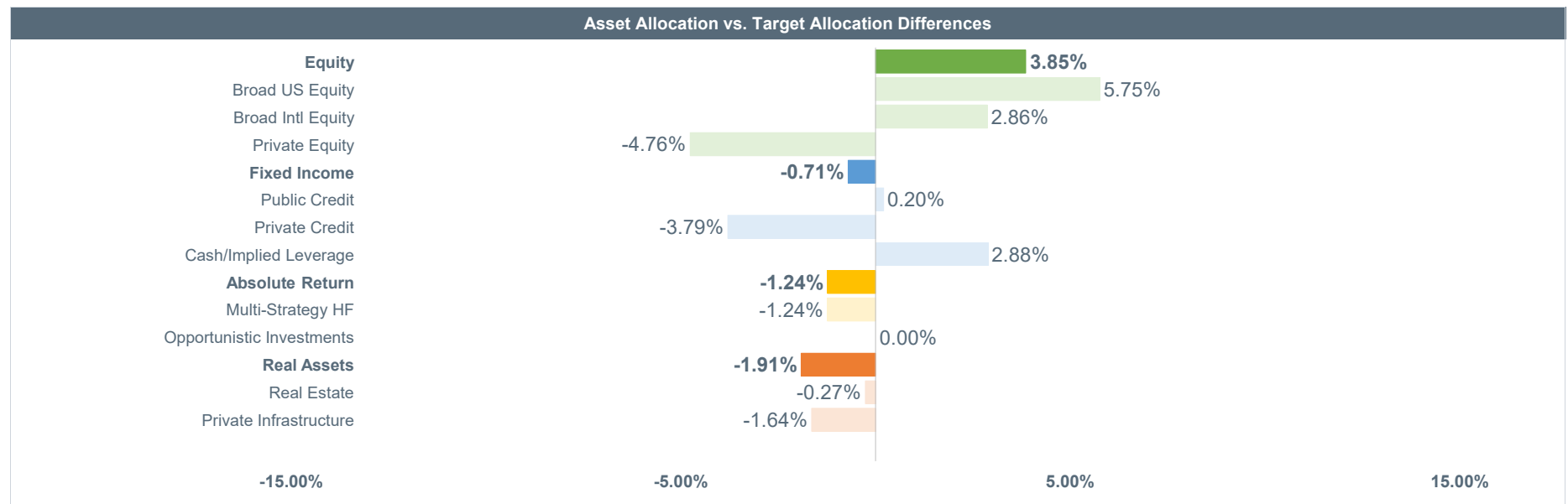
Source: Federal Reserve Bank of St. Louis and FactSet.
Treasury Yield Dates: Beginning: January 2, High: April 25, Low: September 16, End: December 31.

II. Total Fund

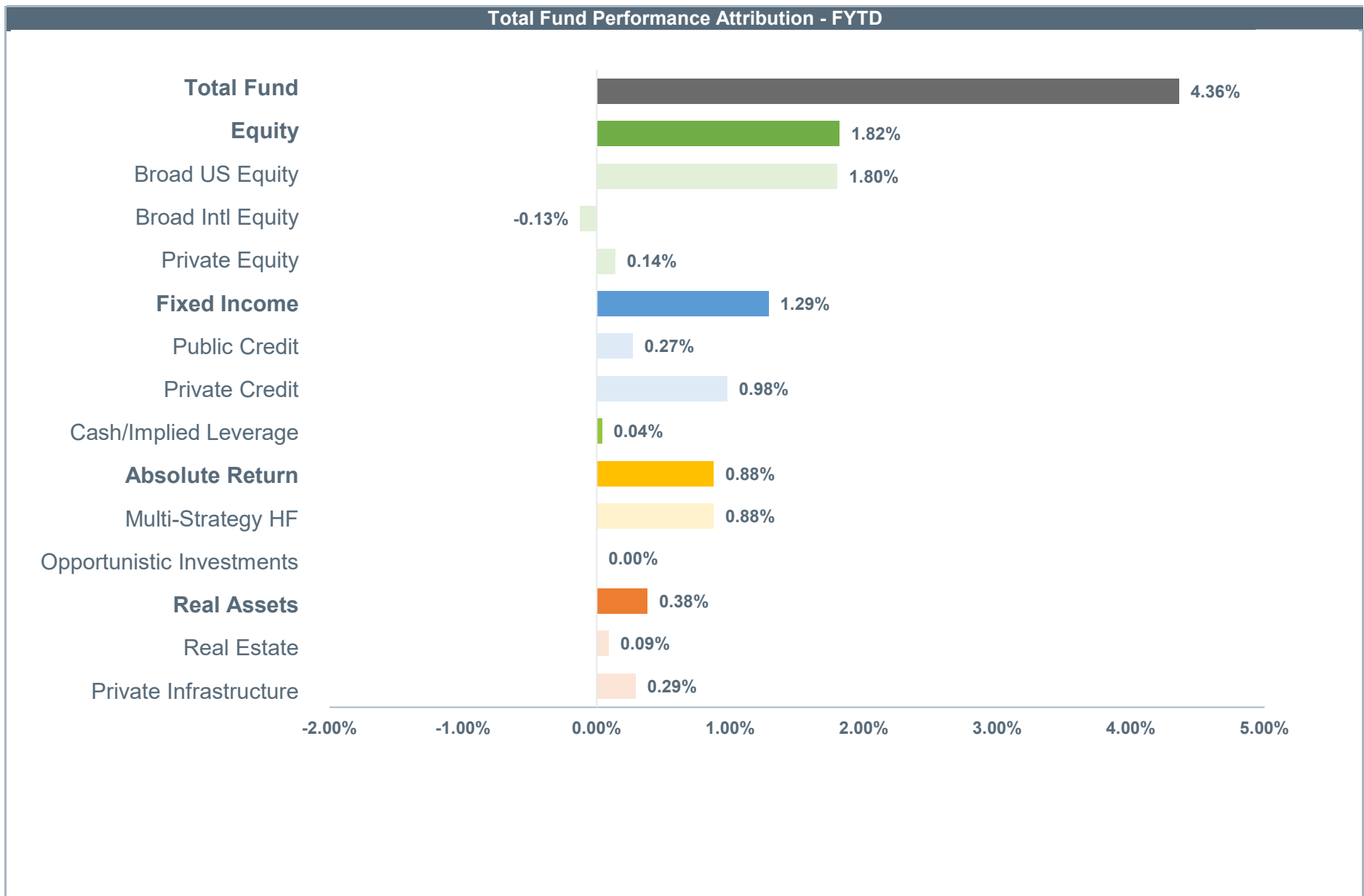
North Dakota Board of University and School Lands
Total Endowments
Asset Allocation vs. Long-Term Target Allocation

As of December 31, 2024

Asset Allocation vs. Target Allocation Differences					
	Asset Allocation	Asset Allocation (%)	Target Allocation (%)	Minimum Allocation (%)	Maximum Allocation (%)
Equity	3,124,022,217	41.85%	38.00%	28.00%	48.00%
Broad US Equity	1,549,035,784	20.75%	15.00%	12.00%	18.00%
Broad International Equity	1,333,449,469	17.86%	15.00%	12.00%	18.00%
Private Equity	241,536,964	3.24%	8.00%	0.00%	12.00%
Fixed Income	2,186,415,452	29.29%	30.00%	20.00%	40.00%
Public Credit	1,134,699,223	15.20%	15.00%	10.00%	20.00%
Private Credit	1,209,682,359	16.21%	20.00%	10.00%	25.00%
Cash/Implied Leverage	-157,966,130	-2.12%	-5.00%	-10.00%	5.00%
Absolute Return	1,027,318,063	13.76%	15.00%	10.00%	20.00%
Multi-Strategy Hedge Fund	1,027,318,063	13.76%	15.00%	10.00%	20.00%
Opportunistic Investments	0	0.00%			
Real Assets	1,126,277,149	15.09%	17.00%	8.00%	26.00%
Real Estate	726,407,803	9.73%	10.00%	5.00%	15.00%
Private Infrastructure	399,869,346	5.36%	7.00%	0.00%	11.00%
Total Fund	7,464,032,881	100.00%	100.00%	-	-



Allocations shown may not sum up to 100% exactly due to rounding. During the transition to the new target allocations, it is expected that some asset classes will fall outside of policy ranges.



Performance shown is net of fees. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding.

North Dakota Board of University and School Lands
Comparative Performance

As of December 31, 2024

	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Total Fund	0.28	4.36	10.47	10.47	3.37	5.64	5.23	5.25	6.49	08/01/1995
Target Allocation Index (Net)	-0.53	4.40	9.09	9.09	2.61	6.33	6.06	6.07	N/A	
Difference	0.81	-0.04	1.38	1.38	0.76	-0.68	-0.83	-0.82	N/A	
Broad US Equity	3.16	9.41	24.08	24.08	7.31	13.24	12.59	12.18	14.08	07/01/2009
Russell 3000 Index	2.63	9.03	23.81	23.81	8.01	13.86	13.16	12.55	14.63	
Difference	0.53	0.39	0.27	0.27	-0.69	-0.62	-0.57	-0.36	-0.55	
Broad International Equity	-6.79	-0.64	7.51	7.51	1.91	5.38	4.10	5.23	6.24	07/01/2009
MSCI ACW Ex US IM Index (USD) (Net)	-7.61	-0.05	5.23	5.23	0.50	4.12	3.46	4.91	6.17	
Difference	0.81	-0.59	2.28	2.28	1.41	1.26	0.63	0.31	0.06	
Private Equity	2.04	4.72	7.36	7.36	10.93	N/A	N/A	N/A	13.52	04/01/2021
Cambridge US Prvt Eq Index	2.04	4.46	8.36	8.36	5.03	14.99	14.22	13.72	10.92	
Difference	0.00	0.26	-1.00	-1.00	5.90	N/A	N/A	N/A	2.61	
Fixed Income	-0.06	3.99	7.24	7.24	3.89	4.18	4.03	3.67	5.35	08/01/1995
Global Fixed Income Custom Index	0.07	3.97	6.04	6.04	1.87	2.30	2.91	2.70	N/A	
Difference	-0.13	0.02	1.21	1.21	2.02	1.88	1.12	0.97	N/A	
Public Credit	-3.38	1.30	1.88	1.88	N/A	N/A	N/A	N/A	1.72	07/01/2022
Bloomberg US Agg Bond Index	-3.06	1.98	1.25	1.25	-2.41	-0.33	0.97	1.35	1.45	
Difference	-0.32	-0.67	0.63	0.63	N/A	N/A	N/A	N/A	0.26	
Private Credit	2.84	6.30	12.70	12.70	N/A	N/A	N/A	N/A	11.79	07/01/2022
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	11.91	
Difference	0.18	1.11	2.01	2.01	N/A	N/A	N/A	N/A	-0.12	

Performance shown is net of fees, and annualized for periods greater than one year. Composite inception dates are based on availability of data for each asset class. The Global Fixed Income Custom Index and Absolute Return Custom Index are calculated monthly using beginning of month weights applied to each corresponding primary benchmark return. Please see the Addendum for additional custom index definitions. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Fiscal year ends 06/30. The Public Credit composite consists of Cash/Implied Leverage. The Credit Suisse Leveraged Loan Index name updated to S&P UBS Leveraged Loan Index in November 2024 as a result of a recent acquisition.

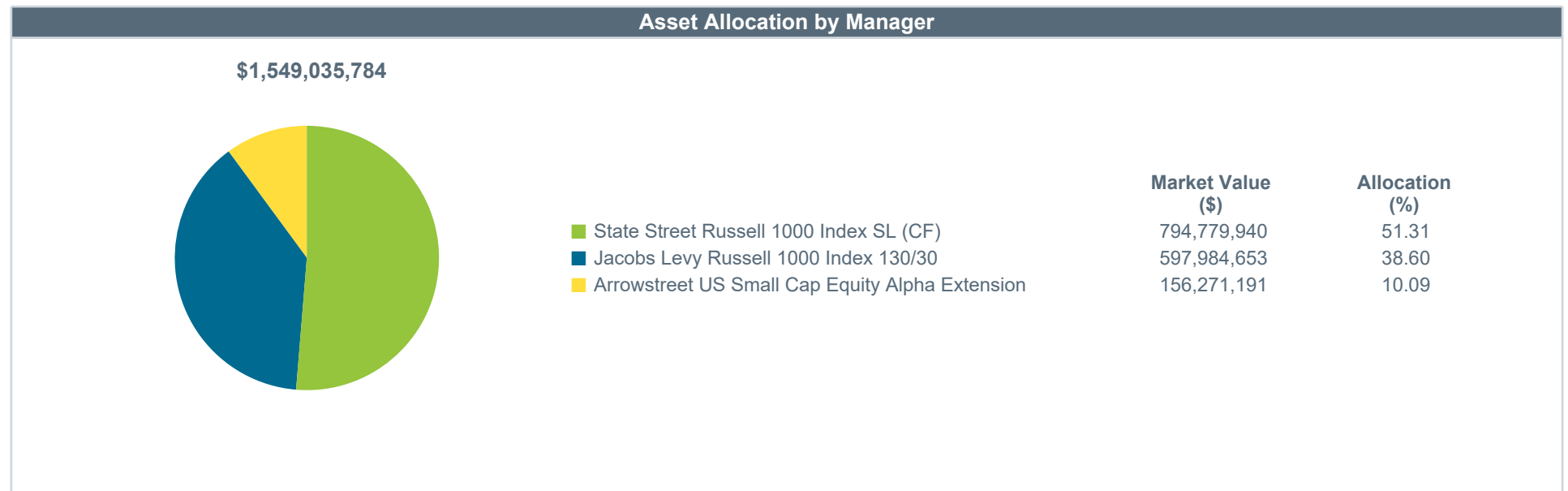
**North Dakota Board of University and School Lands
Comparative Performance**

As of December 31, 2024

	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Absolute Return	5.44	6.62	13.60	13.60	1.64	2.73	2.70	3.15	2.67	07/01/2014
Absolute Return Custom Index	1.81	4.05	7.22	7.22	-1.58	3.56	4.23	4.97	4.67	
Difference	3.63	2.57	6.39	6.39	3.22	-0.83	-1.53	-1.82	-2.00	
Multi-Strategy Hedge Funds	5.44	6.62	13.60	13.60	N/A	N/A	N/A	N/A	10.34	07/01/2022
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	5.50	
Difference	3.63	2.57	6.39	6.39	N/A	N/A	N/A	N/A	4.83	
Real Estate	0.81	0.91	-0.70	-0.70	-2.74	2.64	3.70	N/A	5.30	07/01/2015
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	4.48	
Difference	-0.15	-0.08	1.56	1.56	0.40	0.65	0.62	N/A	0.82	
Private Infrastructure	1.77	5.53	10.65	10.65	9.85	N/A	N/A	N/A	10.15	02/01/2022
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	5.10	
Difference	6.56	-4.51	-5.83	-5.83	5.16	N/A	N/A	N/A	5.05	

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Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Broad US Equity	3.16	9.41	24.08	24.08	7.31	13.24	12.59	12.18	14.08	07/01/2009
Russell 3000 Index	2.63	9.03	23.81	23.81	8.01	13.86	13.16	12.55	14.63	
Difference	0.53	0.39	0.27	0.27	-0.69	-0.62	-0.57	-0.36	-0.55	
State Street Russell 1000 Index SL (CF)	2.73	8.98	24.47	24.47	8.38	14.24	13.55	N/A	14.16	06/01/2017
Russell 1000 Index	2.75	9.00	24.51	24.51	8.41	14.28	13.58	12.87	14.19	
Difference	-0.01	-0.01	-0.04	-0.04	-0.03	-0.04	-0.03	N/A	-0.03	
Jacobs Levy Russell 1000 Index 130/30	4.23	10.23	26.10	26.10	N/A	N/A	N/A	N/A	30.01	12/01/2023
Russell 1000 Index	2.75	9.00	24.51	24.51	8.41	14.28	13.58	12.87	28.00	
Difference	1.49	1.24	1.59	1.59	N/A	N/A	N/A	N/A	2.01	
Arrowstreet US Small Cap Equity Alpha Extension	1.34	8.52	15.15	15.15	N/A	N/A	N/A	N/A	30.19	11/01/2023
Russell 2000 Index	0.33	9.64	11.54	11.54	1.24	7.40	6.91	7.82	30.56	
Difference	1.01	-1.12	3.61	3.61	N/A	N/A	N/A	N/A	-0.37	

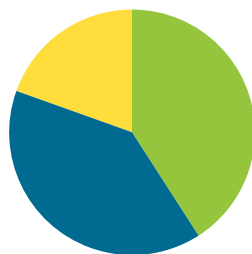


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Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Broad International Equity	-6.79	-0.64	7.51	7.51	1.91	5.38	4.10	5.23	6.24	07/01/2009
MSCI ACW Ex US IM Index (USD) (Net)	-7.61	-0.05	5.23	5.23	0.50	4.12	3.46	4.91	6.17	
Difference	0.81	-0.59	2.28	2.28	1.41	1.26	0.63	0.31	0.06	
State Street World Ex US Index (CF)	-7.40	-0.23	4.66	4.66	1.78	5.00	4.28	5.17	3.95	07/01/2014
MSCI Wrld Ex US Index (USD) (Net)	-7.43	-0.24	4.70	4.70	1.91	5.10	4.37	5.26	4.04	
Difference	0.02	0.01	-0.04	-0.04	-0.13	-0.10	-0.09	-0.09	-0.09	
Acadian Non-US Equity Extension Fund	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-3.01	12/01/2024
MSCI EAFE Index (USD) (Net)	-8.11	-1.44	3.82	3.82	1.65	4.73	4.10	5.20	-2.27	
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-0.73	
Arrowstreet Emerging Market Alpha Extension	-3.53	-2.83	14.23	14.23	N/A	N/A	N/A	N/A	16.79	12/01/2023
MSCI Emg Mkts Index (USD) (Net)	-8.01	0.02	7.50	7.50	-1.92	1.70	1.38	3.64	10.76	
Difference	4.48	-2.85	6.73	6.73	N/A	N/A	N/A	N/A	6.03	

Asset Allocation by Manager

\$1,333,449,469



- Acadian Non-US Equity Extension Fund
- State Street World Ex US Index (CF)
- Arrowstreet Emerging Market Alpha Extension

Market Value (\$)	Allocation (%)
545,389,760	40.90
527,768,328	39.58
260,291,381	19.52

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Comparative Performance									
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.
Private Equity	2.04	4.72	7.36	7.36	10.93	N/A	N/A	N/A	13.52
Cambridge US Prvt Eq Index	2.04	4.46	8.36	8.36	5.03	14.99	14.22	13.72	10.92
Difference	0.00	0.26	-1.00	-1.00	5.90	N/A	N/A	N/A	2.61

Asset Allocation by Manager



Performance shown is net of fees. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding. Fiscal year ends 06/30. In Q4, AH 2024 Multiplexer Unblocked LP and Industry Ventures Partnership Holdings VII LP were funded.

Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Fixed Income	-0.06	3.99	7.24	7.24	3.89	4.18	4.03	3.67	5.35	08/01/1995
Global Fixed Income Custom Index	0.07	3.97	6.04	6.04	1.87	2.30	2.91	2.70	N/A	
Difference	-0.13	0.02	1.21	1.21	2.02	1.88	1.12	0.97	N/A	
Public Credit	-3.38	1.30	1.88	1.88	N/A	N/A	N/A	N/A	1.72	07/01/2022
Bloomberg US Agg Bond Index	-3.06	1.98	1.25	1.25	-2.41	-0.33	0.97	1.35	1.45	
Difference	-0.32	-0.67	0.63	0.63	N/A	N/A	N/A	N/A	0.26	
State Street US Agg Bond Index SL (CF)	-3.02	2.02	N/A	N/A	N/A	N/A	N/A	N/A	2.98	06/01/2024
Bloomberg US Agg Bond Index	-3.06	1.98	1.25	1.25	-2.41	-0.33	0.97	1.35	2.94	
Difference	0.04	0.04	N/A	N/A	N/A	N/A	N/A	N/A	0.04	
NISA US Agg Bond Overlay (SA)	-3.06	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-1.76	09/01/2024
Bloomberg US Agg Bond Index	-3.06	1.98	1.25	1.25	-2.41	-0.33	0.97	1.35	-1.76	
Difference	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	
FLP (Loans)	1.48	3.01	6.13	6.13	5.60	5.03	5.17	5.45	6.78	08/01/1995
ND Land - PTF Cash (SA)	1.17	2.46	5.14	5.14	3.82	2.36	2.29	N/A	2.22	07/01/2017
ICE BofA 3 Mo US T-Bill Index	1.17	2.55	5.25	5.25	3.89	2.46	2.35	1.77	2.27	
Difference	-0.01	-0.09	-0.12	-0.12	-0.07	-0.10	-0.07	N/A	-0.05	
Transition Account (SA)	0.00	2.05	6.50	6.50	N/A	N/A	N/A	N/A	6.14	08/01/2023
Private Credit	2.84	6.30	12.70	12.70	N/A	N/A	N/A	N/A	11.79	07/01/2022
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	11.91	
Difference	0.18	1.11	2.01	2.01	N/A	N/A	N/A	N/A	-0.12	
AG Direct Lending III LP	-1.47	-0.08	4.43	4.43	8.07	9.19	N/A	N/A	9.22	09/01/2018
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	6.97	
Difference	-4.14	-5.27	-6.26	-6.26	-0.37	1.88	N/A	N/A	2.24	
AG Direct Lending IV LP	1.63	4.29	8.88	8.88	10.79	N/A	N/A	N/A	12.81	06/01/2021
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	7.96	
Difference	-1.04	-0.90	-1.80	-1.80	2.34	N/A	N/A	N/A	4.85	

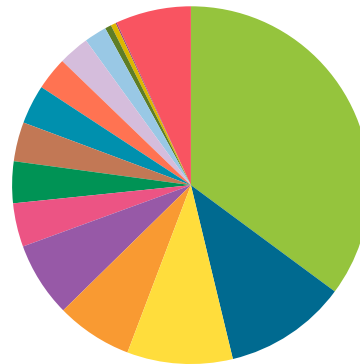
Performance shown is net of fees. The Global Fixed Income Custom Index currently consists of the Bloomberg US Agg Bond Index. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Fiscal year ends 06/30. The Public Credit composite consists of Cash/Implied Leverage. In Q4, Pantheon PCO III USD Feeder (Delaware) LP was funded. The Credit Suisse Leveraged Loan Index name updated to S&P UBS Leveraged Loan Index in November 2024 as a result of a recent acquisition.

Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
AG Direct Lending BUSL LP	3.16	6.37	13.35	13.35	N/A	N/A	N/A	N/A	12.55	06/01/2022
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	10.67	
Difference	0.49	1.18	2.66	2.66	N/A	N/A	N/A	N/A	1.89	
Blue Owl Diversified Lending	2.36	4.99	13.84	13.84	10.59	N/A	N/A	N/A	10.10	11/01/2021
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	8.23	
Difference	-0.31	-0.20	3.15	3.15	2.14	N/A	N/A	N/A	1.87	
Apollo Credit Strategies Absolute Return LP	2.72	8.04	15.63	15.63	N/A	N/A	N/A	N/A	13.17	04/01/2022
S&P UBS Lvg'd Loan Index +2%	2.79	5.45	11.23	11.23	8.98	7.85	7.51	7.23	9.68	
Difference	-0.07	2.59	4.40	4.40	N/A	N/A	N/A	N/A	3.49	
Ares Pathfinder LP	2.36	4.08	7.62	7.62	8.08	N/A	N/A	N/A	25.43	03/01/2021
Schroders Flexible Secured Income (SA)	1.99	4.49	9.89	9.89	6.37	N/A	N/A	N/A	5.79	09/01/2021
3 Month LIBOR Index (USD)+1.75%	1.66	3.60	7.32	7.32	5.75	4.39	4.32	3.75	5.35	
Difference	0.33	0.89	2.57	2.57	0.63	N/A	N/A	N/A	0.44	
Varde Dislocation LP	2.63	5.74	11.96	11.96	8.64	N/A	N/A	N/A	14.65	07/01/2020
Monarch Capital Partners VI LP	3.59	10.45	N/A	N/A	N/A	N/A	N/A	N/A	22.15	03/01/2024
S&P UBS Lvg'd Loan Index +2%	2.79	5.45	11.23	11.23	8.98	7.85	7.51	7.23	9.03	
Difference	0.79	5.00	N/A	N/A	N/A	N/A	N/A	N/A	13.12	
Pantheon PCO III USD Feeder (Delaware) LP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	191.69	12/01/2024
S&P UBS Lvg'd Loan Index +1.5%	2.67	5.19	10.69	10.69	8.45	7.32	6.99	6.71	0.71	
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	190.98	

Performance shown is net of fees. The Global Fixed Income Custom Index currently consists of the Bloomberg US Unv Bond Index. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Fiscal year ends 06/30. In Q4, Pantheon PCO III USD Feeder (Delaware) LP was funded. The Credit Suisse Leveraged Loan Index name updated to S&P UBS Leveraged Loan Index in November 2024 as a result of a recent acquisition.

Asset Allocation by Manager

\$2,186,415,452



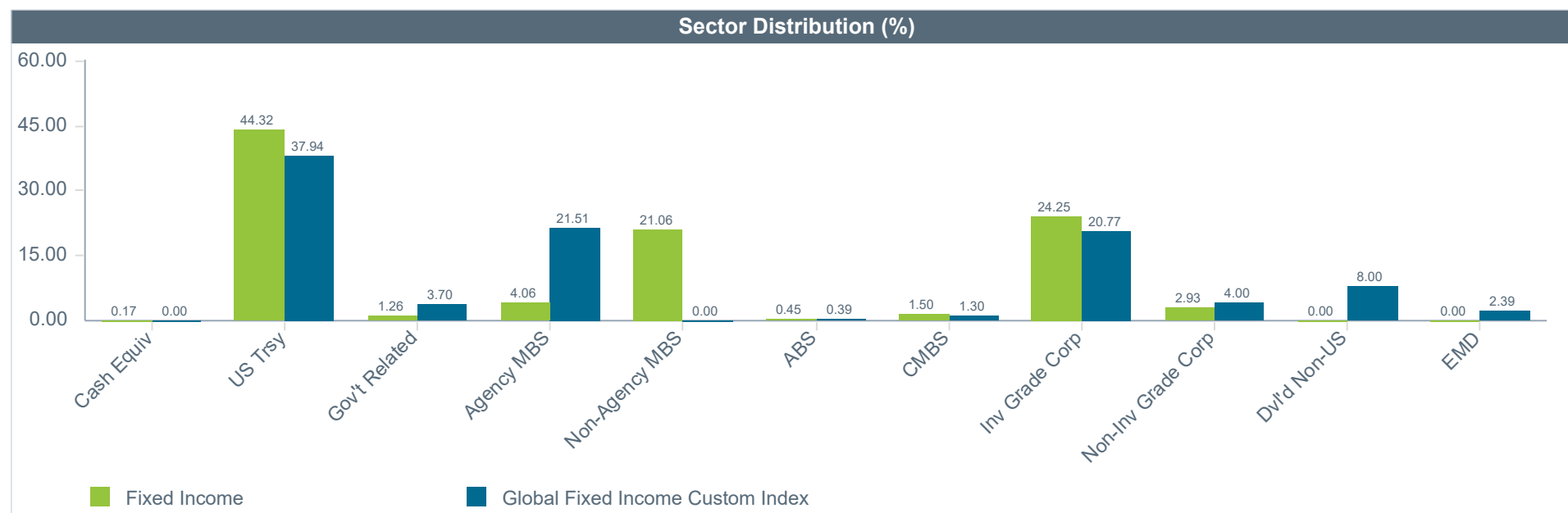
	Market Value (\$)	Allocation (%)
State Street US Agg Bond Index SL (CF)	889,286,074	40.67
Apollo Credit Strategies Absolute Return LP	281,075,213	12.86
Schroders Flexible Secured Income (SA)	241,431,883	11.04
AG Direct Lending BUSL LP	174,348,101	7.97
NISA US Agg Bond Overlay (SA)	171,409,805	7.84
Monarch Capital Partners VI LP	99,964,140	4.57
Ares Pathfinder LP	95,295,825	4.36
Blue Owl Diversified Lending	89,921,703	4.11
AG Direct Lending IV LP	89,340,938	4.09
AG Direct Lending III LP	75,459,018	3.45
ND Land - PTF Cash (SA)	71,041,532	3.25
Varde Dislocation LP	51,222,012	2.34
NISA Cash/Implied Leverage	14,472,590	0.66
Pantheon PCO III USD Feeder (Delaware) LP	11,623,527	0.53
FLP (Loans)	2,684,357	0.12
Loomis Sayles Credit Asset (SA)	272,505	0.01
Transition Account (SA)	4,950	0.00
NISA Offset	-172,438,720	-7.89

Performance shown is net of fees. The Global Fixed Income Custom Index currently consists of the Bloomberg US Unv Bond Index. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Fiscal year ends 06/30. In Q4, Pantheon PCO III USD Feeder (Delaware) LP was funded. The Credit Suisse Leveraged Loan Index name updated to S&P UBS Leveraged Loan Index in November 2024 as a result of a recent acquisition. Market value shown for Loomis Sayles Credit Asset (SA) represents residual assets and residual trading costs.

North Dakota Board of University and School Lands
Fixed Income vs. Global Fixed Income Custom Index
Portfolio Characteristics

As of December 31, 2024

Portfolio Characteristics		
	Portfolio	Benchmark
Effective Duration	6.06	5.84
Avg. Maturity	8.38	8.14
Avg. Quality	Aa3	N/A
Coupon Rate (%)	3.55	3.66
Yield To Worst (%)	4.91	5.13
Current Yield (%)	3.83	N/A



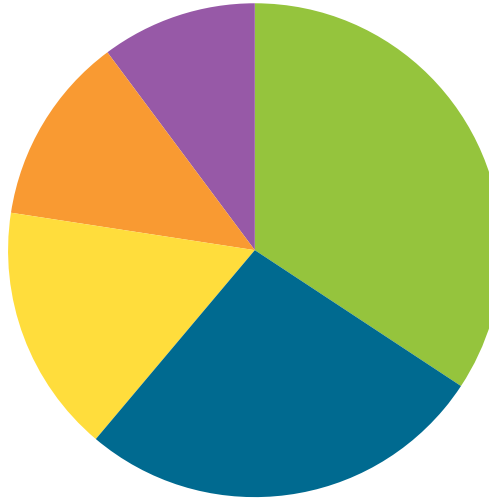
Fixed Income characteristics and sector distributions includes NISA US Agg Bond Overlay (SA) and State Street US Agg Bond Index SL (CF).

Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Absolute Return	5.44	6.62	13.60	13.60	1.64	2.73	2.70	3.15	2.67	07/01/2014
Absolute Return Custom Index	1.81	4.05	7.22	7.22	-1.58	3.56	4.23	4.97	4.67	
Difference	3.63	2.57	6.39	6.39	3.22	-0.83	-1.53	-1.82	-2.00	
Multi-Strategy Hedge Funds	5.44	6.62	13.60	13.60	N/A	N/A	N/A	N/A	10.34	07/01/2022
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	5.50	
Difference	3.63	2.57	6.39	6.39	N/A	N/A	N/A	N/A	4.83	
Millennium USA LP	5.01	7.50	15.02	15.02	12.47	N/A	N/A	N/A	12.47	01/01/2022
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	4.20	
Difference	3.20	3.45	7.80	7.80	8.26	N/A	N/A	N/A	8.26	
Balyasny Atlas Enhanced Fund LP	7.36	7.93	14.02	14.02	N/A	N/A	N/A	N/A	9.42	03/01/2023
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	5.81	
Difference	5.54	3.87	6.80	6.80	N/A	N/A	N/A	N/A	3.61	
Brevan Howard Alpha Strategies Fund LP	1.28	4.74	N/A	N/A	N/A	N/A	N/A	N/A	3.75	08/01/2024
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	3.19	
Difference	-0.53	0.68	N/A	N/A	N/A	N/A	N/A	N/A	0.56	
Two Sigma Abs Return Enhanced Fund LP	6.27	3.35	14.28	14.28	N/A	N/A	N/A	N/A	15.51	05/01/2023
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	7.03	
Difference	4.45	-0.70	7.06	7.06	N/A	N/A	N/A	N/A	8.48	
Verition Multi-Strategy Fund LP	4.29	6.27	11.52	11.52	N/A	N/A	N/A	N/A	11.52	01/01/2024
HFRI RV Multi Strat Index	1.81	4.05	7.22	7.22	4.20	5.26	4.46	4.23	7.22	
Difference	2.48	2.22	4.30	4.30	N/A	N/A	N/A	N/A	4.30	

Performance shown is net of fees. The Absolute Return Custom Index consists of 60% MSCI ACW IM Index (USD) (Net) and 40% Bloomberg US Agg Bond Index. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding.

Asset Allocation by Manager

\$1,027,318,063



■ Balyasny Atlas Enhanced Fund LP
■ Millennium USA LP
■ Verition Multi-Strategy Fund LP
■ Two Sigma Abs Return Enhanced Fund LP
■ Brevan Howard Alpha Strategies Fund LP

Market Value
(\$)

Allocation
(%)

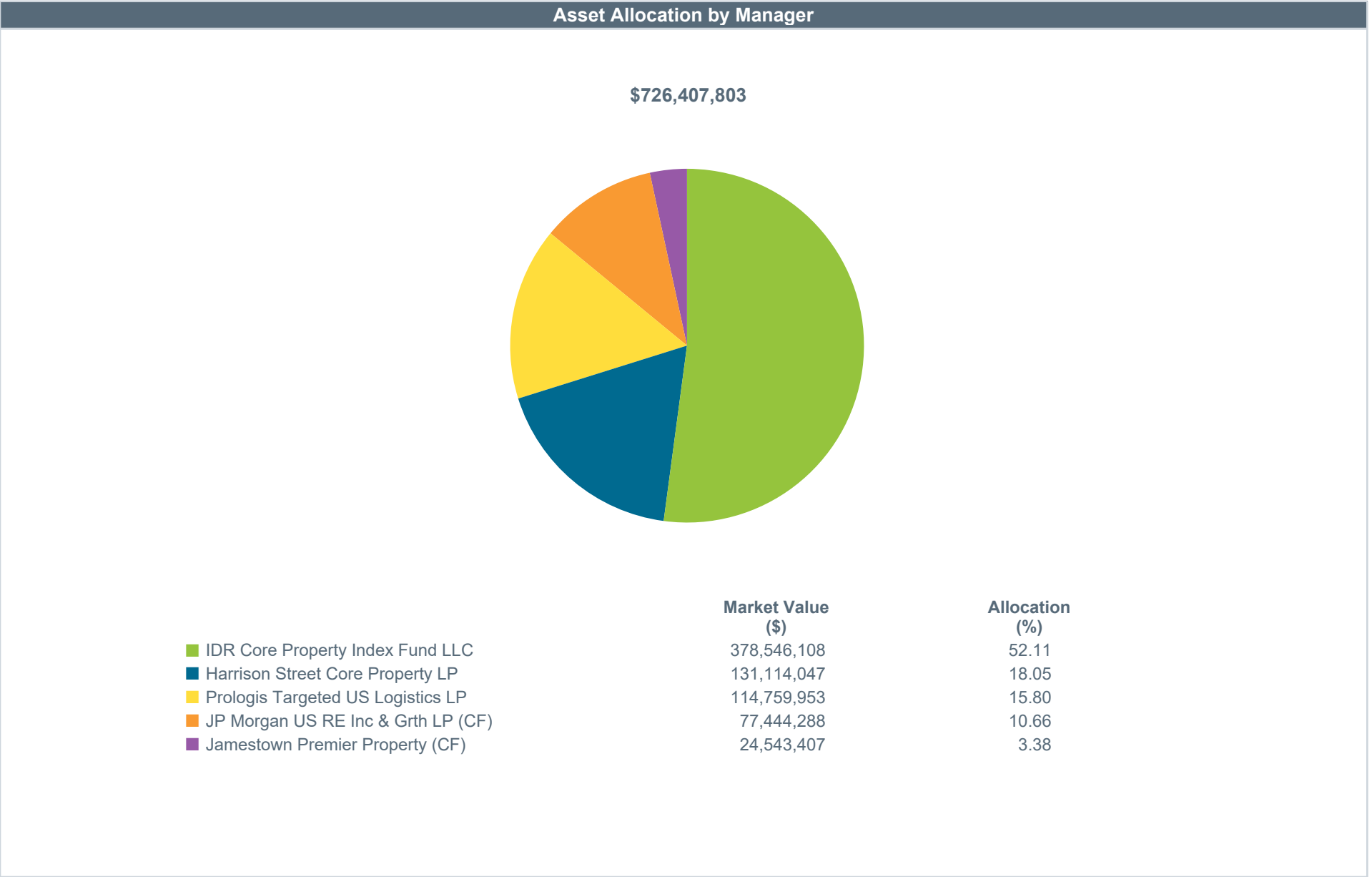
352,123,509
276,037,359
167,282,737
127,168,751
104,705,707

34.28
26.87
16.28
12.38
10.19

Performance shown is net of fees. The Absolute Return Custom Index consists of 60% MSCI ACW IM Index (USD) (Net) and 40% Bloomberg US Agg Bond Index. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding.

Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Real Estate	0.81	0.91	-0.70	-0.70	-2.74	2.64	3.70	N/A	5.30	07/01/2015
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	4.48	
Difference	-0.15	-0.08	1.56	1.56	0.40	0.65	0.62	N/A	0.82	
Jamestown Premier Property (CF)	6.30	1.01	-10.39	-10.39	-27.27	-19.37	-13.04	N/A	-7.37	07/01/2015
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	4.48	
Difference	5.34	0.03	-8.13	-8.13	-24.13	-21.36	-16.13	N/A	-11.85	
Prologis Targeted US Logistics LP	1.65	3.16	6.63	6.63	1.43	11.21	12.70	N/A	13.83	04/01/2016
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	3.88	
Difference	0.69	2.17	8.90	8.90	4.57	9.22	9.62	N/A	9.96	
JP Morgan US RE Inc & Grth LP (CF)	-2.07	-1.98	-4.42	-4.42	-5.83	0.41	1.41	N/A	2.45	07/01/2016
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	3.76	
Difference	-3.03	-2.96	-2.16	-2.16	-2.69	-1.58	-1.67	N/A	-1.31	
Harrison Street Core Property LP	0.88	1.03	-0.33	-0.33	N/A	N/A	N/A	N/A	1.20	02/01/2022
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	-3.23	
Difference	-0.08	0.05	1.94	1.94	N/A	N/A	N/A	N/A	4.43	
IDR Core Property Index Fund LLC	0.80	0.80	N/A	N/A	N/A	N/A	N/A	N/A	0.25	04/01/2024
NCREIF ODCE Index (AWA) (Net)	0.96	0.99	-2.27	-2.27	-3.14	1.99	3.08	4.94	0.32	
Difference	-0.16	-0.18	N/A	N/A	N/A	N/A	N/A	N/A	-0.07	

Performance shown is net of fees. Real Estate manager and index performance is available on a quarterly basis. Interim period performance assumes a 0.00% return. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding. Fiscal year ends 06/30. Jamestown Premier Property is in queue for redemption.

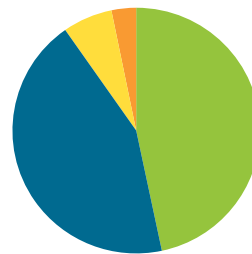


Performance shown is net of fees. Real Estate manager and index performance is available on a quarterly basis. Interim period performance assumes a 0.00% return. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding. Fiscal year ends 06/30. Jamestown Premier Property is in queue for redemption.

Comparative Performance										
	QTD	FYTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Private Infrastructure	1.77	5.53	10.65	10.65	9.85	N/A	N/A	N/A	10.15	02/01/2022
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	5.10	
Difference	6.56	-4.51	-5.83	-5.83	5.16	N/A	N/A	N/A	5.05	
JP Morgan Infrastructure Investments	2.83	5.29	10.67	10.67	N/A	N/A	N/A	N/A	10.83	02/01/2022
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	5.10	
Difference	7.62	-4.75	-5.81	-5.81	N/A	N/A	N/A	N/A	5.73	
First Sentier GDIF US HFF	1.34	4.74	9.18	9.18	N/A	N/A	N/A	N/A	8.76	05/01/2022
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	5.38	
Difference	6.14	-5.30	-7.30	-7.30	N/A	N/A	N/A	N/A	3.38	
Hamilton Lane Infrastructure Opportunities LP	1.46	5.09	13.24	13.24	N/A	N/A	N/A	N/A	18.04	08/01/2022
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	5.83	
Difference	6.26	-4.96	-3.24	-3.24	N/A	N/A	N/A	N/A	12.22	
Hamilton Lane Infrastructure Opportunities II LP	-5.12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23.71	09/01/2024
MSCI Wrld Infrastructure Index (Net)	-4.80	10.04	16.48	16.48	4.69	4.08	4.99	4.57	-1.01	
Difference	-0.32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.72	

Asset Allocation By Manager

\$399,869,346



	Market Value (\$)	Allocation (%)
First Sentier GDIF US HFF	186,660,084	46.68
JP Morgan Infrastructure Investments	174,286,169	43.59
Hamilton Lane Infrastructure Opportunities LP	26,029,046	6.51
Hamilton Lane Infrastructure Opportunities II LP	12,894,047	3.22

Performance shown is net of fees. RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Allocations shown may not sum up to 100% exactly due to rounding. Fiscal year ends 06/30.

III. Addendum

North Dakota Board of University and School Lands
Alternative Investment Private Credit Fund Performance Listing

As of December 31, 2024

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
AG Direct Lending III LP	2018	Private Credit - Direct Lending	150,000,000	138,000,000	126,487,232	75,459,018	10.03	3rd	0.61	1.46
AG Direct Lending IV LP	2020	Private Credit - Direct Lending	100,000,000	95,648,632	40,780,253	89,340,938	12.07	2nd	-2.29	1.36
Ares Pathfinder LP	2020	Private Credit - Specialty Finance	100,000,000	86,189,042	15,071,791	95,295,825	11.25	3rd	0.13	1.28
Varde Dislocation LP	2020	Private Credit - Distressed/Special Situations	100,000,000	79,500,000	52,522,664	51,222,012	9.38	3rd	-2.43	1.30
Monarch Capital Partners VI LP	2023	Private Credit - Distressed/Special Situations	120,000,000	85,696,933	0	99,964,140	N/M	N/A	N/M	1.17
Pantheon Private Debt PCO III USD Feeder (Delaware) LP	2024	Private Credit - Opportunistic Credit	100,000,000	4,999,746	90,000	11,623,527	N/M	N/A	N/M	2.34
			670,000,000	490,034,352	234,951,940	422,905,459	11.33		-0.49	1.34

Certain valuations (marked with a **) are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the Barclays US Agg Bond Index assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.

North Dakota Board of University and School Lands
Alternative Investment Private Equity Fund Performance Listing

As of December 31, 2024

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
Ashbridge Transformational Secondaries II LP	2021	Private Equity - Secondaries	25,000,000	17,619,989	0	24,121,730	17.30	2nd	20.33	1.37
Grosvenor - BUSL LP 2020-1 Investment Series	2021	Private Equity - Multi-Stage	130,000,000	63,231,624	3,575,214	73,903,839	11.03	2nd	14.11	1.23
Grosvenor Secondary Opportunities III LP	2021	Private Equity - Fund of Funds	150,000,000	69,440,755	0	85,372,655	11.94	N/A	15.21	1.23
Khosla Ventures Fund VII Composite	2023	Private Equity - Venture	35,000,000	14,192,500	0	13,326,437	-10.07	N/A	24.96	0.94
AH 2024 Multiplexer (Unblocked) LP	2024	Private Equity - Venture	35,000,000	5,250,000	0	5,249,043	N/M	N/A	N/M	1.00
Grosvenor - BUSL LP 2024-1 Investment Series	2024	Private Equity - Multi-Stage	300,000,000	26,328,641	577,939	30,301,635	N/M	N/A	N/M	1.17
Industry Ventures Partnership Holdings VII LP	2024	Private Equity - Venture	50,000,000	3,503,046	0	4,174,950	N/M	N/A	N/M	1.19
			725,000,000	199,566,556	4,153,153	236,450,289	12.60		15.79	1.21

Certain valuations (marked with a "**") are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the Russell 3000 Index assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.

North Dakota Board of University and School Lands
Alternative Investment Real Assets Fund Performance Listing

As of December 31, 2024

Fund Name	Vintage	Asset Class	Commitment (\$)	Paid In Capital (\$)	Distributions (\$)	Valuation (\$)	Fund IRR (%)	Quartile	Index IRR (%)	Fund Multiple
Hamilton Lane Infrastructure Opportunities 2019 LP		Real Assets - Core Infrastructure	25,000,000	21,746,002	2,446,697	26,029,046	15.44	N/A	2.29	1.31
Hamilton Lane Infrastructure Opportunities 2023 II LP		Real Assets - Core Infrastructure	25,000,000	10,422,655	0	12,894,047	N/M	N/A	N/M	1.24
			50,000,000	32,168,657	2,446,697	38,923,093	19.25		0.68	1.29

Certain valuations (marked with a "**") are preliminary estimates of valuation as of the date of reporting and reflect the estimated impact of subsequent net cash contributions/distributions. These figures may be used in calculations contained in this report. Index IRR represents the dollar-weighted returns calculated using the MSCI World Real Estate Index (USD) (Net) assuming an index investment with the same cash flow timing. IRRs are shown only for investments with one year or more of cash flows and for which an accurate IRR could be calculated. Applicable IRRs are marked with 'N/M' for not material. Fund IRR is the annualized since-inception net internal rate for the indicated fund or composite. Fund Multiple is the since inception sum of distributions and valuation divided by paid in capital. Quartile data is based on information provided by Preqin.

Performance Related Comments

- Manager inception dates shown represent the first full month following initial funding.
- RVK began monitoring the assets of North Dakota Board of University and School Lands in Q3 2014. Prior historical data was provided by North Dakota Board of University and School Lands.
- Real Estate composite, manager, and index performance are available on a quarterly basis. Market values are as of the most recent quarter-end and adjusted for subsequent cash flows. Interim period performance assumes a 0.00% return.
- Indices show N/A for since inception returns when the fund contains more history than the corresponding benchmark.
- As of 07/2014, composite and manager performance is provided and calculated by RVK.
- Net performance for FLP bank loans represent Fees Payable.
- During 03/2021, JPM FI Intermediate Bond transitioned from intermediate duration to full duration core mandate.
- During 08/2021, Schrodgers Securitized Credit transitioned into Schrodgers Flexible Secured Income.
- During 12/2022, Varde Dislocation LP was moved from the Opportunistic Investments composite into the Private Credit composite.
- RVK cautions that the interpretation of time-weighted returns on non-marketable investments such as Private Equity, Private Real Estate, and Private Credit is imperfect at best, and can potentially be misleading.

Index Comments

- The Target Allocation Index (Net) is a static custom index that is calculated monthly and consists of:
 - From 07/2023 through present: 15% Russell 3000 Index, 15% MSCI ACWI Ex USA IMI, 15% Barclays US Aggregate Index, 20% S&P UBS Leveraged Loans Index +1.5%, 15% HFRI RV Multi-Strategy Index, 10% NCREIF ODCE Index (AWA) (Net), 8% Cambridge US Private Equity Index, 7% MSCI World Infrastructure Index, and -5% ICE BofAML 3 Month US Treasury Bill Index.
 - From 07/2022 through 06/2023: 15% Russell 3000 Index, 15% MSCI ACWI Ex USA IMI, 5% Barclays US Universal Index, 20% S&P UBS Leveraged Loans Index +1.5%, 5% Global 60/40 (60% MSCI All Country World IMI, 40% Barclays US Aggregate Bond Index), 10% HFRI RV Multi-Strategy Index, 15% NCREIF ODCE Index, 8% Cambridge US Private Equity Index, and 7% MSCI World Infrastructure Index.
 - From 05/2020 through 06/2022: 19% Russell 3000 Index, 19% MSCI ACW Ex US Index (USD) (Net), 22% Global Fixed Income Custom Index, 15% NCREIF ODCE Index (AWA) (Net), 15% Absolute Return Index, 5% Cambridge US Private Equity Index, and 5% MSCI World Infrastructure Index.
 - From 07/2019 through 04/2020: 18.5% Russell 3000 Index, 18.5% MSCI ACW Ex US Index (USD) (Net), 23% Global Fixed Income Custom Index, 15% NCREIF ODCE Index (AWA) (Net), 15% Absolute Return Custom Index, and 10% DIS Custom Index.
 - From 02/2018 through 06/2019: 17% Russell 3000 Index, 17% MSCI ACW Ex US Index (USD) (Net), 21% Global Fixed Income Custom Index, 15% NCREIF ODCE Index (AWA) (Net), 20% Absolute Return Custom Index, and 10% DIS Custom Index.
 - From 07/2016 through 01/2018: 17% Russell 3000 Index, 15% MSCI ACW Ex US Index (USD) (Net), 23% Global Fixed Income Custom Index, 15% NCREIF ODCE Index (AWA) (Net), 20% Absolute Return Custom Index, and 10% DIS Custom Index.
 - From 04/2016 through 06/2016: 17.6% Russell 3000 Index, 15.5% MSCI ACW Ex US Index (USD) (Net), 23.8% Global Fixed Income Custom Index, 12% NCREIF ODCE Index (AWA) (Net), 20.7% Absolute Return Custom Index, and 10.4% DIS Custom Index.
 - From 01/2016 through 03/2016: 17.7% Russell 3000 Index, 15.6% MSCI ACW Ex US Index (USD) (Net), 25.3% Global Fixed Income Custom Index, 10% NCREIF ODCE Index (AWA) (Net), 21% Absolute Return Custom Index, and 10.4% DIS Custom Index.
 - From 10/2015 through 12/2015: 17.9% Russell 3000 Index, 15.9% MSCI ACW Ex US Index (USD) (Net), 25.5% Global Fixed Income Custom Index, 9% NCREIF ODCE Index (AWA) (Net), 21.1% Absolute Return Custom Index, and 10.6% DIS Custom Index.
 - From 07/2015 through 09/2015: 19.5% Russell 3000 Index, 17.4% MSCI ACW Ex US Index (USD) (Net), 26.2% Global Fixed Income Custom Index, 4.1% NCREIF ODCE Index (AWA) (Net), 22% Absolute Return Custom Index, and 10.8% DIS Custom Index.
 - From 07/2014 through 06/2015: The index was calculated monthly using beginning of month asset class weights applied to each corresponding primary benchmark return.
 - From 01/2013 through 06/2014: 18.7% Russell 1000 Index, 12.4% Russell 2500 Index, 7.5% FTSE EPRA/NAREIT US Index, 12.4% MSCI EAFE Index (USD) (Net), 33.3% Bloomberg US Agg Bond Index, 0.70% CS Lvg'd Loan Index, 10% Bloomberg US Corp Hi Yld Index, and 5% Bloomberg Gbl Agg Ex USD Index (Hedged).
 - From 07/2009 through 12/2012: 15% Russell 1000 Index, 10% Russell 2500 Index, 6% FTSE EPRA/NAREIT US Index, 10% MSCI EAFE Index (USD) (Net), 32.3% Bloomberg US Agg Bond Index, 1.70% CS Lvg'd Loan Index, 10% Bloomberg US Corp Hi Yld Index, 5% Bloomberg Gbl Agg Ex USD Index (Hedged), and 10% ICE BofAML Cnvt Bonds Index (All Qual).

Cont.

- The Global Fixed Income Custom Index is calculated monthly using beginning of month weights applied to each corresponding primary benchmark return. From 04/2019 through 06/2022, the index consisted of the Bloomberg US Unv Bond Index. Prior to 03/2019, the index consisted of 75% Bloomberg US Unv Bond Index and 25% Bloomberg Multi-Universe Index.
- The Absolute Return Custom Index is calculated monthly using beginning of month weights applied to each corresponding primary benchmark return. Prior to 07/2022, the index consisted of 60% MSCI ACW IM Index (USD) (Net) and 40% Bloomberg US Agg Bond Index.

The asset class market performance is represented by the respective indices:

- US Large Cap Equity = S&P 500 Index (Cap weighted)
- US Small Cap Equity = Russell 2000 Index
- Developed International Equity = MSCI EAFE Index (USD) (Net)
- Developed International Small Cap Equity = MSCI EAFE Small Cap Index (USD) (Net)
- Emerging Markets Equity = MSCI Emerging Markets Index (USD) (Net)
- US Aggregate Bond = Bloomberg US Aggregate Bond Index
- 3 Month US Treasury Bill = ICE BofAML 3 Month US T-Bill Index
- US Real Estate = NCREIF ODCE Index (AWA) (Gross)
- Real Estate Investment Trust (REITs) = FTSE NAREIT Equity REITs Index (TR)
- Commodities = Bloomberg Commodities Index (TR)

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