



Dallas Police & Fire Pension System

March 31, 2025

Fund Evaluation Report



Dallas Police & Fire Pension System

Agenda

- 1. Executive Summary**
- 2. Performance Update as of March 31, 2025**
- 3. Disclaimer, Glossary, and Notes**

Executive Summary As of March 31, 2025



Dallas Police & Fire Pension System

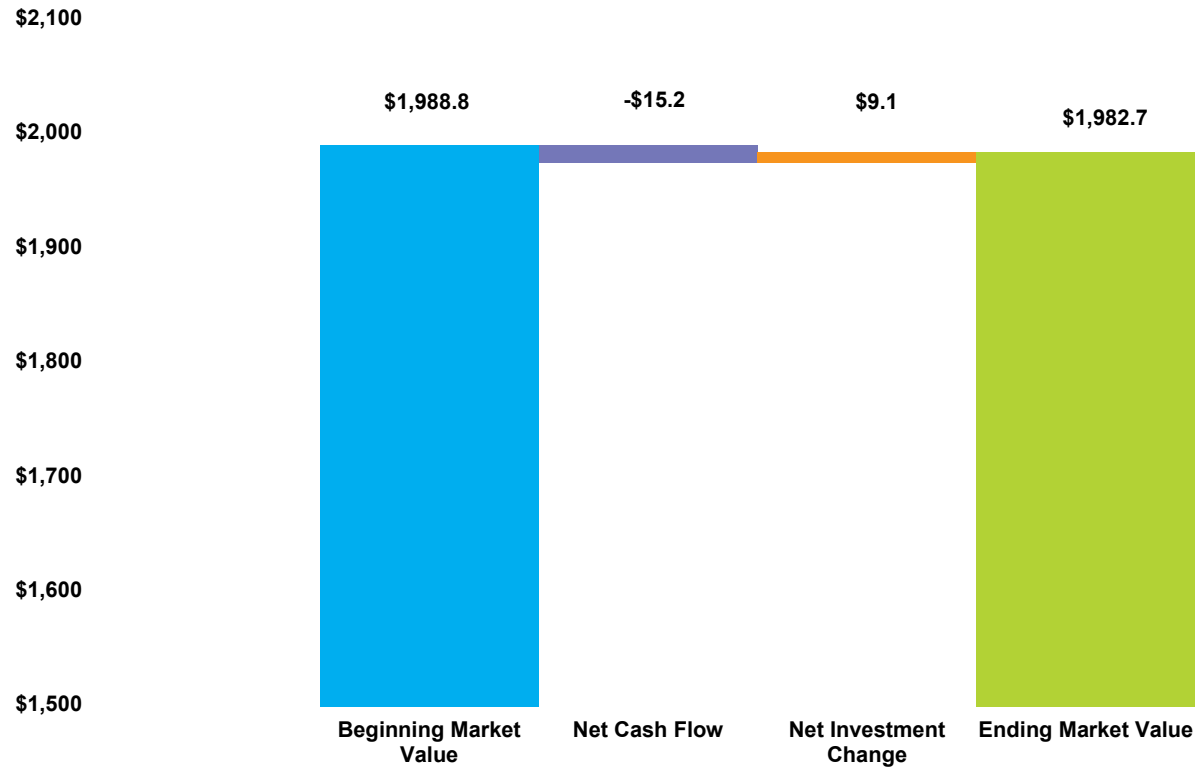
Executive Summary

DPFP Trailing One-Year Flash Summary

Category	Results	Notes
Total Fund Performance Return	Positive	3.7%
Performance vs. Policy Index	Underperformed	3.7% vs. 6.4%
Performance vs. Peers ¹	Underperformed	3.7% vs. 5.4% median (96th percentile)
Asset Allocation vs. Targets	Immaterial	Asset allocation tilts canceled one another out
Public Active Management	Outperformed	7 of 13 active public managers beat benchmarks
DPFP Public Markets vs. 60/40 ²	Outperformed	6.0% vs. 5.1%
DPFP Public Markets vs. Peer Plans	Outperformed	6.0% vs. 5.4%
Safety Reserve Exposure	Near Target	\$187.9 million (approximately 9.5%)
Compliance with Targets	Yes	All asset classes in compliance

¹ InvestorForce Public DB \$1-5 billion net.

² Performance of Total Fund excluding private market investments relative to a 60% MSCI ACWI IMI Net/40% Barclays Global Aggregate Index.

**Dallas Police & Fire Pension System****Executive Summary****Quarterly Change in Market Value**

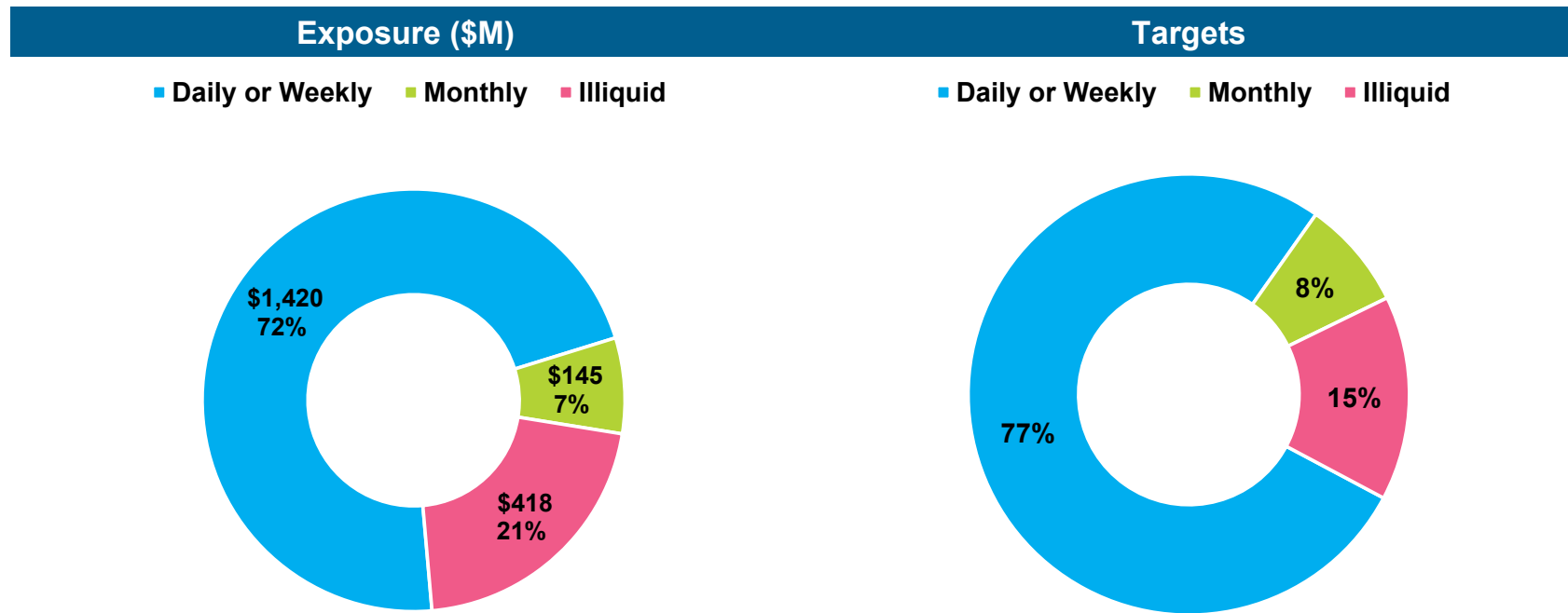
→ Total market value decreased due to negative net cash flow.



Dallas Police & Fire Pension System

Executive Summary

Liquidity Exposure As of March 31, 2025



→ Approximately 21% of the DPFP's assets are illiquid versus 15% of the target allocation.



Dallas Police & Fire Pension System

Executive Summary

Quarterly Manager Scorecard

	1-Year Outperformance vs. Benchmark	3-Year Outperformance vs. Benchmark	5-Year Outperformance vs. Benchmark
Boston Partners Global Equity Fund	Yes	Yes	Yes
Manulife Global Equity Strategy	No	Yes	No
Walter Scott Global Equity Fund	No	No	No
WCM Global Equity	Yes	NA	NA
Eastern Shore US Small Cap	Yes	No	NA
Global Alpha Int'l Small Cap	No	NA	NA
RBC Emerging Markets Equity	Yes	Yes	No
IR&M 1-3 Year Strategy	Yes	Yes	Yes
Longfellow Core Fixed Income	Yes	Yes	No
Aristotle Pacific Capital Bank Loan	No	Yes	No
Loomis High Yield Fund	Yes	No	NA
Metlife Emerging Markets Debt	No	NA	NA

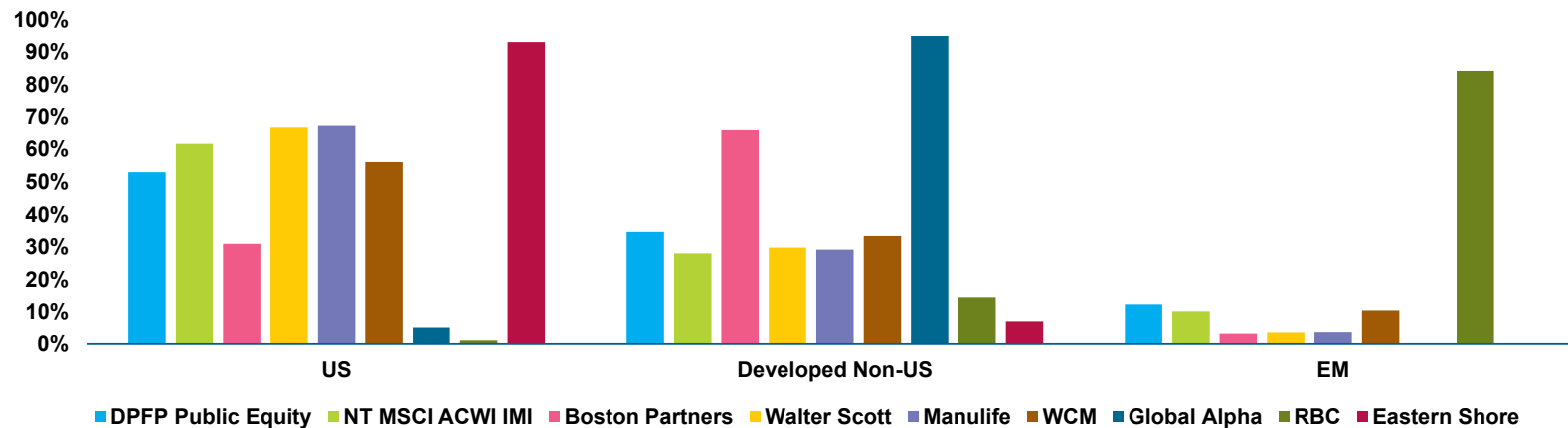


Dallas Police & Fire Pension System

Executive Summary

Equity Regional Exposure¹

	Market Value (\$)	% of DPFP Public Equity	US (%)	Developed Non-US (%)	EM (%)
NT MSCI ACWI IMI	405,095,697	37	62	28	10
Boston Partners	126,684,940	12	31	66	3
Manulife	120,928,617	11	67	29	4
Walter Scott	116,870,880	11	66	30	4
WCM	118,062,484	11	56	33	11
RBC	80,473,468	7	1	15	84
Eastern Shore	57,375,393	5	93	7	-
Global Alpha	54,955,806	5	5	95	-
DPFP Public Equity		100	53	35	12
<i>MSCI ACWI IMI</i>			62	28	10



¹ Percentages may not always sum to 100% due to rounding. Given the multinational nature of many of the underlying holdings in these strategies, country allocation is not always clear and can vary between different data sources.

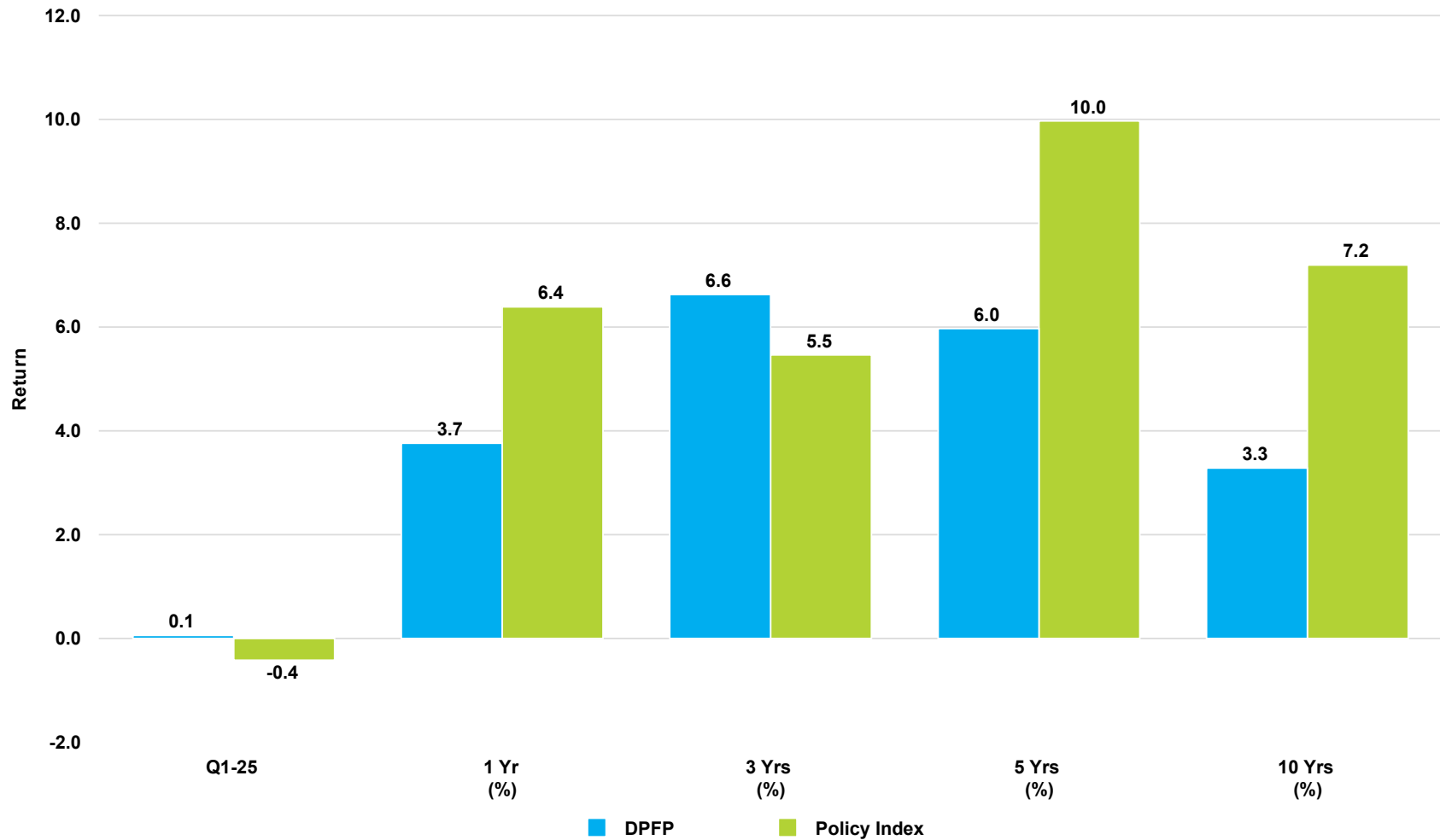
Performance Update As of March 31, 2025



Dallas Police & Fire Pension System

DPFP | As of March 31, 2025

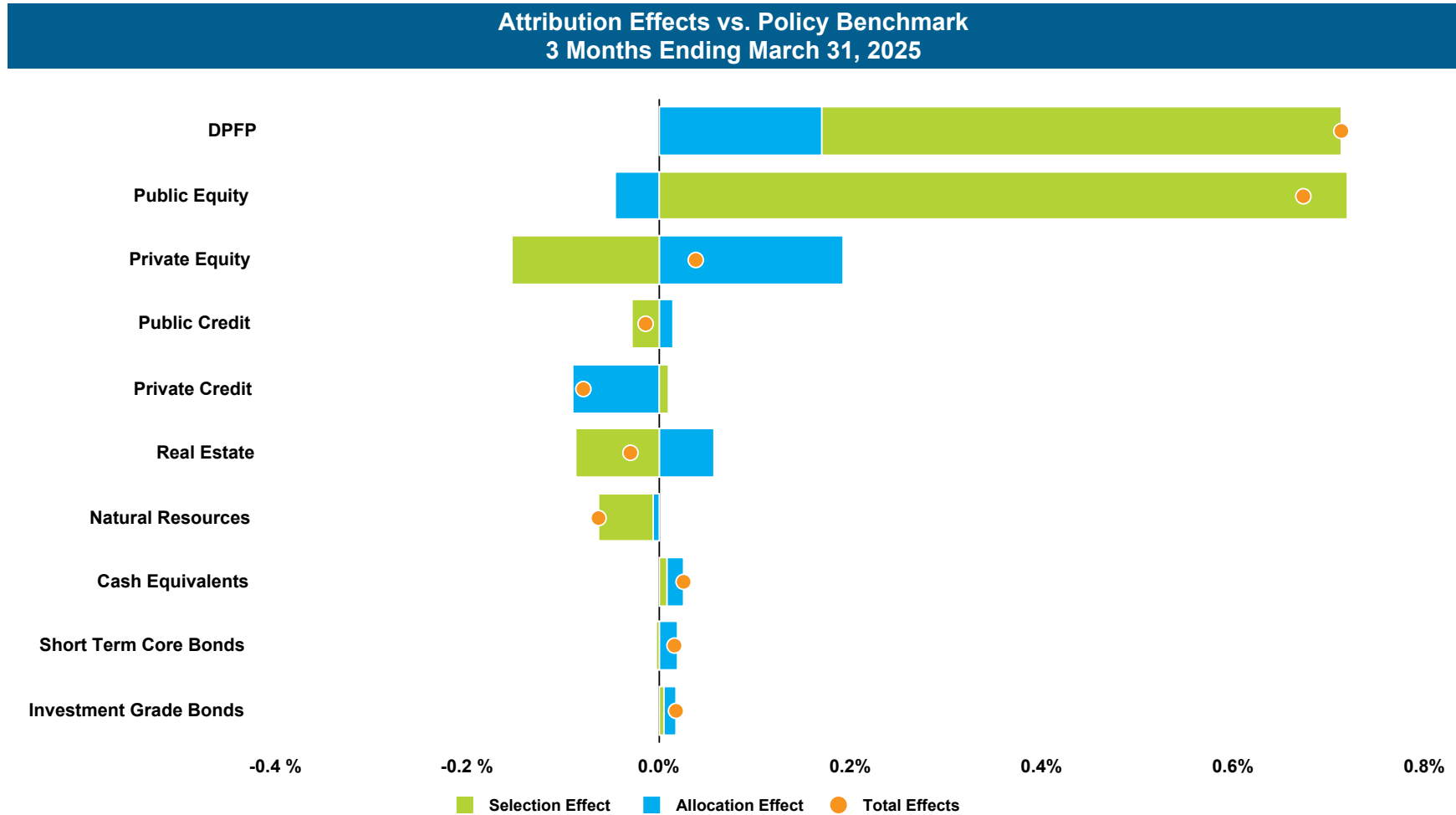
Net Return Summary Ending March 31, 2025





Dallas Police & Fire Pension System

Total Plan Attribution | As of March 31, 2025

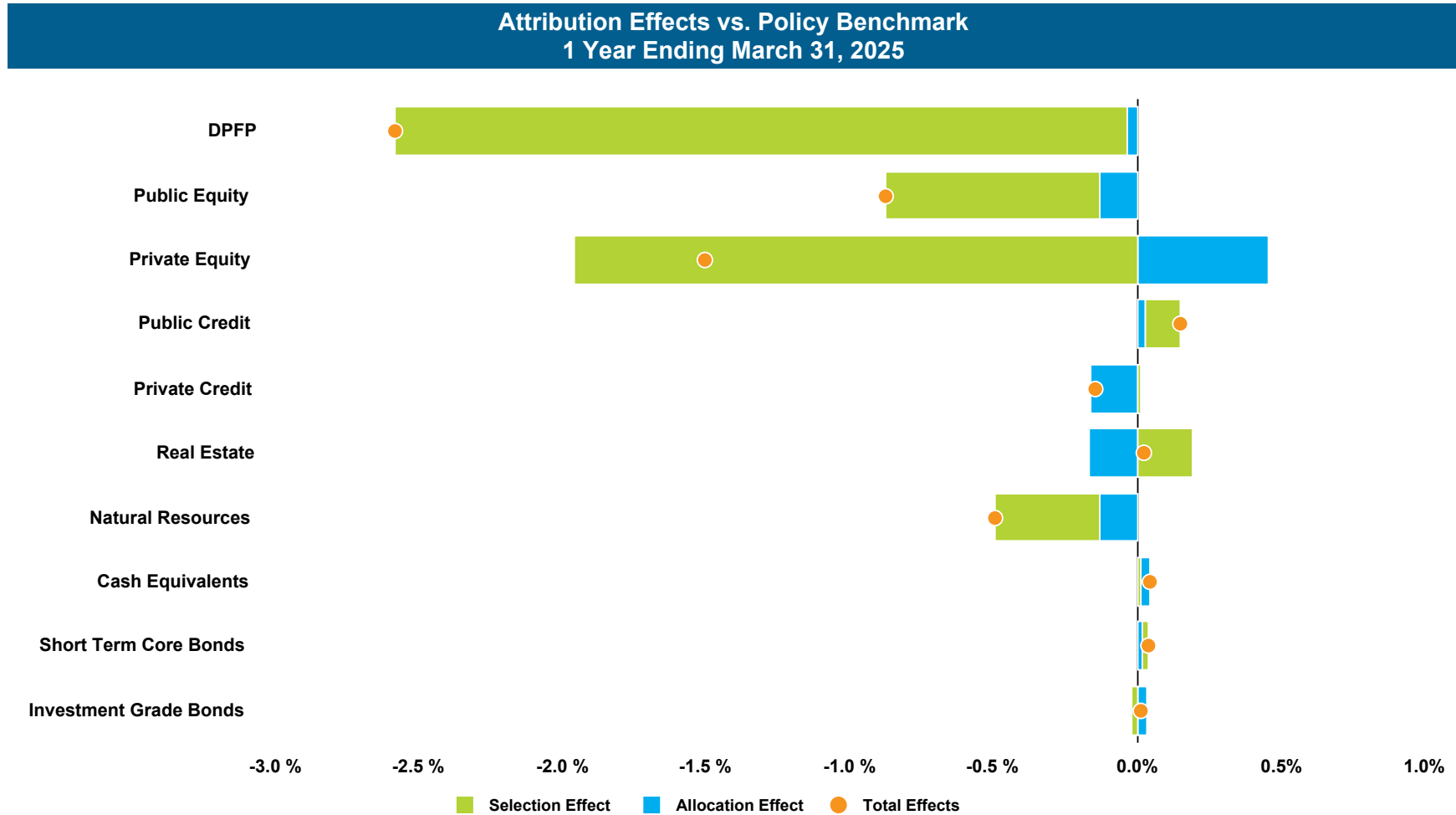


The performance calculation methodology in attribution tables is different from the standard time weighted returns (geometric linkage of monthly returns) found throughout the rest of the report. In attribution tables, the average weight of each asset class (over the specified time period) is multiplied by the time period performance of that asset class and summed. Values may not sum due to rounding.



Dallas Police & Fire Pension System

Total Plan Attribution | As of March 31, 2025



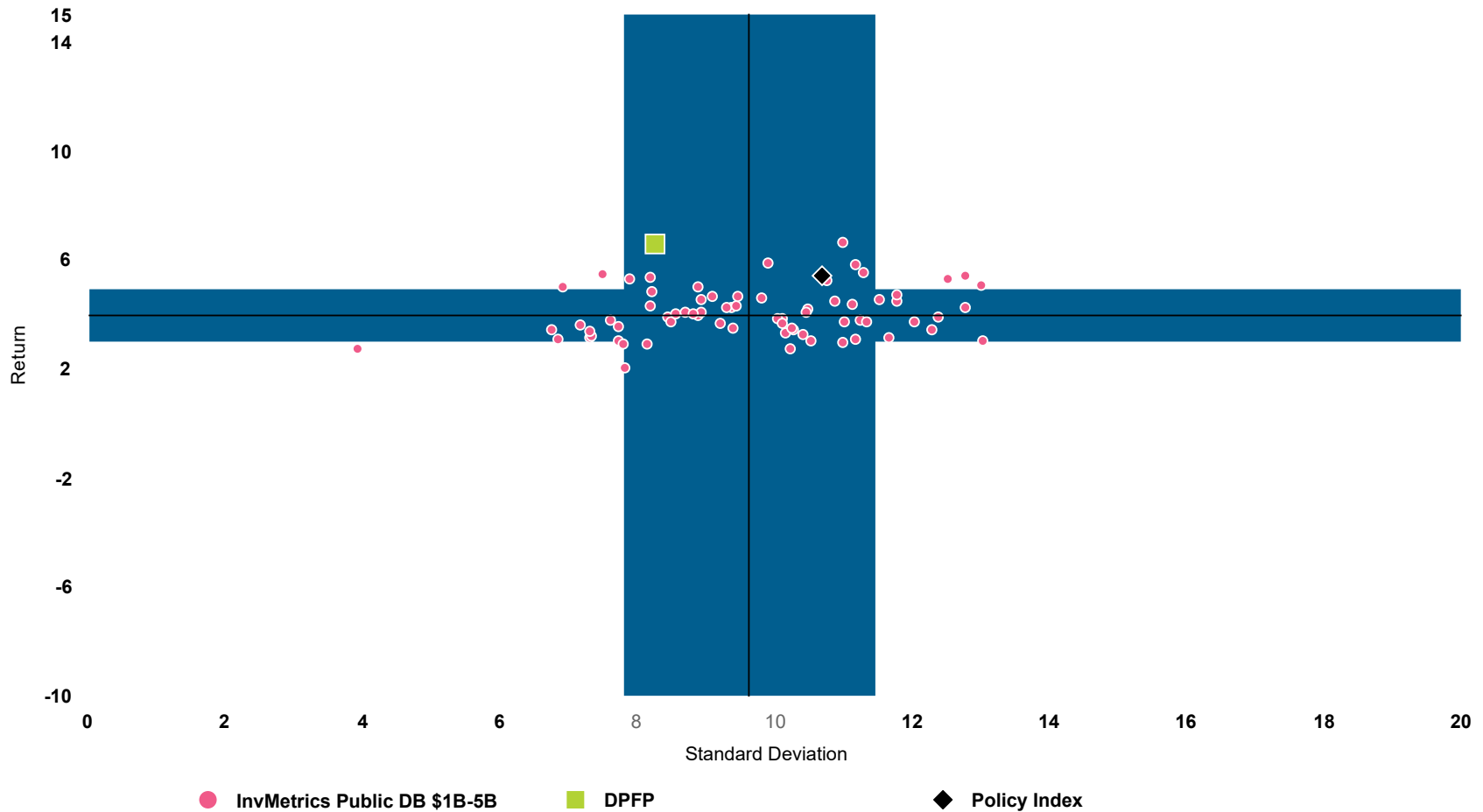
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Dallas Police & Fire Pension System

DPFP | As of March 31, 2025

Annualized Return vs. Annualized Standard Deviation 3 Years Ending March 31, 2025





Dallas Police & Fire Pension System

Trailing Net Performance | As of March 31, 2025

Asset Class Performance Summary (Net)									
	Market Value (\$)	% of Portfolio	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Since Inception	Inception Date
DPFP	1,982,694,735	100.0	0.1	3.7	6.6	6.0	3.3	5.6	Jun-96
Policy Index			-0.4	6.4	5.5	10.0	7.2	--	
Allocation Index			-0.4	5.8	4.4	8.4	6.8	7.1	
Total Fund Ex Private Markets			0.3	6.0	6.6	10.2	6.1	5.8	
60% MSCI ACWI IMI Net/40% Bloomberg Global Aggregate Index			0.1	5.1	3.2	8.3	5.5	5.9	
Public Equity	1,080,447,285	54.5	-0.3	5.4	6.6	14.4	8.8	7.3	Jul-06
MSCI AC World IMI Index (Net)			-1.6	6.3	6.3	15.0	8.6	7.1	
Private Equity	42,593,131	2.1	-2.5	-6.2	22.9	-2.8	-2.5	-0.1	Oct-05
Russell 3000 + 2% Lagged			-4.2	9.4	10.4	20.9	14.7	13.1	
Huff Energy	119,643,828	6.0	0.0	--	--	--	--	0.0	Jan-25
Public Credit	214,659,811	10.8	1.2	7.0	4.6	5.8	--	3.0	May-18
Credit Blended Benchmark			1.4	7.1	5.5	6.9	4.5	4.3	
Private Credit	1,257,189	0.1	18.4	58.3	9.1	16.5	--	-9.3	Jan-18
Private Credit Custom Benchmark			1.6	10.3	6.5	6.6	6.7	6.6	
Real Estate	152,964,944	7.7	-0.2	2.8	6.8	3.6	1.4	3.7	Mar-85
NCREIF Property (1Qtr Lagged)			0.9	0.4	-0.8	3.1	5.7	7.4	
Natural Resources	87,124,839	4.4	-2.5	-8.3	-9.6	-5.1	-2.3	0.8	Jan-11
NCREIF Farmland (Q Lag)			-1.3	-1.0	4.4	4.8	5.9	9.2	
Infrastructure	14,086,418	0.7	1.0	1.5	4.2	9.2	7.9	7.0	Jul-12
S&P Global Infrastructure TR USD			4.6	18.8	6.1	13.8	6.5	7.8	



Dallas Police & Fire Pension System

Trailing Net Performance | As of March 31, 2025

	Market Value (\$)	% of Portfolio	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Since Inception	Inception Date
Cash Equivalents	62,530,912	3.2	1.2	5.3	4.5	2.7	2.1	2.1	Apr-15
<i>ICE BofA 3 Month U.S. T-Bill</i>			<i>1.0</i>	<i>5.0</i>	<i>4.2</i>	<i>2.6</i>	<i>1.9</i>	<i>1.9</i>	
Short Term Core Bonds	125,348,580	6.3	1.6	6.0	3.6	2.4	--	2.4	Jul-17
<i>Blmbg. U.S. Aggregate 1-3 Yrs</i>			<i>1.6</i>	<i>5.6</i>	<i>3.1</i>	<i>1.5</i>	<i>1.7</i>	<i>1.9</i>	
Investment Grade Bonds	82,037,799	4.1	2.7	5.4	0.9	0.2	--	0.7	Oct-19
<i>Blmbg. U.S. Aggregate Index</i>			<i>2.8</i>	<i>4.9</i>	<i>0.5</i>	<i>-0.4</i>	<i>1.5</i>	<i>0.2</i>	



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Trailing Net Performance | As of March 31, 2025

Trailing Net Performance									
	Market Value (\$)	% of Portfolio	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Since Inception	Inception Date
DPFP	1,982,694,735	100.0	0.1	3.7	6.6	6.0	3.3	5.6	Jun-96
Policy Index			-0.4	6.4	5.5	10.0	7.2	--	
Allocation Index			-0.4	5.8	4.4	8.4	6.8	7.1	
Total Fund Ex Private Markets			0.3	6.0	6.6	10.2	6.1	5.8	
60% MSCI ACWI IMI Net/40% Bloomberg Global Aggregate Index			0.1	5.1	3.2	8.3	5.5	5.9	
InvMetrics Public DB \$1B-5B Rank			67	96	1	100	100	100	
Public Equity	1,080,447,285	54.5	-0.3	5.4	6.6	14.4	8.8	7.3	Jul-06
MSCI AC World IMI Index (Net)			-1.6	6.3	6.3	15.0	8.6	7.1	
eV All Global Equity Rank			42	42	39	47	40	44	
NT ACWI Index IMI	405,095,697	20.4	-1.4	6.7	6.9	--	--	6.8	Apr-21
MSCI AC World IMI Index (Net)			-1.6	6.3	6.3	15.0	8.6	6.3	
eV Global All Cap Equity Rank			50	32	35	--	--	36	
Walter Scott Global Equity Fund	116,870,880	5.9	-3.5	-2.4	4.5	11.9	9.6	9.5	Dec-09
MSCI ACWI Net			-1.3	7.2	6.9	15.2	8.8	9.1	
eV Global Large Cap Growth Eq Rank			52	76	46	59	43	59	
WCM Global Equity	118,062,484	6.0	-3.3	13.6	--	--	--	24.9	Dec-23
MSCI AC World Index Growth (Net)			-6.8	5.7	6.8	15.4	10.6	15.1	
eV Global Large Cap Growth Eq Rank			47	3	--	--	--	3	
Boston Partners Global Equity Fund	126,684,940	6.4	8.6	8.3	9.6	18.8	--	9.0	Jul-17
MSCI World Net			-1.8	7.0	7.6	16.1	9.5	10.4	
eV Global All Cap Value Eq Rank			10	23	14	13	--	12	
Manulife Global Equity Strategy	120,928,617	6.1	1.9	3.2	7.7	14.8	--	8.8	Jul-17
MSCI ACWI Net			-1.3	7.2	6.9	15.2	8.8	9.6	
eV Global Large Cap Value Eq Rank			74	82	34	46	--	20	
Eastern Shore US Small Cap	57,375,393	2.9	-8.0	-1.1	0.2	--	--	-1.1	Oct-21
Russell 2000 Index			-9.5	-4.0	0.5	13.3	6.3	-1.2	
eV US Small Cap Equity Rank			41	30	70	--	--	71	



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Trailing Net Performance | As of March 31, 2025

	Market Value (\$)	% of Portfolio	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Since Inception	Inception Date
Global Alpha International Small Cap	54,955,806	2.8	3.3	-4.3	--	--	--	-1.2	May-22
<i>MSCI EAFE Small Cap (Net)</i>			3.7	3.1	0.9	9.9	5.3	3.4	
eV Global Small Cap Equity Rank			3	74	--	--	--	91	
RBC Emerging Markets Equity	80,473,468	4.1	2.9	9.2	3.4	8.7	--	3.0	Jan-18
<i>MSCI Emerging Markets IMI (Net)</i>			1.7	6.6	1.5	8.8	3.8	2.0	
eV Emg Mkts Equity Rank			43	23	35	58	--	33	
Private Equity	42,593,131	2.1	-2.5	-6.2	22.9	-2.8	-2.5	-0.1	Oct-05
<i>Russell 3000 + 2% Lagged</i>			-4.2	9.4	10.4	20.9	14.7	13.1	
Huff Energy	119,643,828	6.0	0.0	--	--	--	--	0.0	Jan-25
Public Credit	214,659,811	10.8	1.2	7.0	4.6	5.8	--	3.0	May-18
<i>Credit Blended Benchmark</i>			1.4	7.1	5.5	6.9	4.5	4.3	
Aristotle Pacific Capital Bank Loan	84,451,598	4.3	0.5	6.3	7.4	8.1	--	5.4	Aug-17
<i>S&P UBS Leveraged Loan Index</i>			0.6	7.0	7.1	8.9	5.0	5.2	
eV US Float-Rate Bank Loan Fixed Inc Rank			30	66	10	43	--	9	
Loomis US High Yield Fund	69,426,600	3.5	1.2	8.9	4.3	--	--	2.7	Dec-20
<i>Bloomberg U.S. High Yield - 2% Issuer Cap</i>			1.0	7.7	5.0	7.3	5.0	3.9	
eV US High Yield Fixed Inc Rank			21	4	69	--	--	94	
Metlife Emerging Markets Debt Blend	60,781,613	3.1	2.3	5.8	--	--	--	11.2	Oct-22
<i>35% JPMEB Global Index/35% JPM CEMBI Broad Diversified Index/ 30% JPMGBI-EM Di</i>			3.0	6.3	3.7	3.6	2.9	9.8	
eV All Emg Mkts Fixed Inc Rank			75	65	--	--	--	43	
Private Credit	1,257,189	0.1	18.4	58.3	9.1	16.5	--	-9.3	Jan-18
<i>Private Credit Custom Benchmark</i>			1.6	10.3	6.5	6.6	6.7	6.6	
Real Estate	152,964,944	7.7	-0.2	2.8	6.8	3.6	1.4	3.7	Mar-85
<i>NCREIF Property (1Qtr Lagged)</i>			0.9	0.4	-0.8	3.1	5.7	7.4	
Natural Resources	87,124,839	4.4	-2.5	-8.3	-9.6	-5.1	-2.3	0.8	Jan-11
<i>NCREIF Farmland (Q Lag)</i>			-1.3	-1.0	4.4	4.8	5.9	9.2	
Infrastructure	14,086,418	0.7	1.0	1.5	4.2	9.2	7.9	7.0	Jul-12
<i>S&P Global Infrastructure TR USD</i>			4.6	18.8	6.1	13.8	6.5	7.8	



Dallas Police & Fire Pension System

Trailing Net Performance | As of March 31, 2025

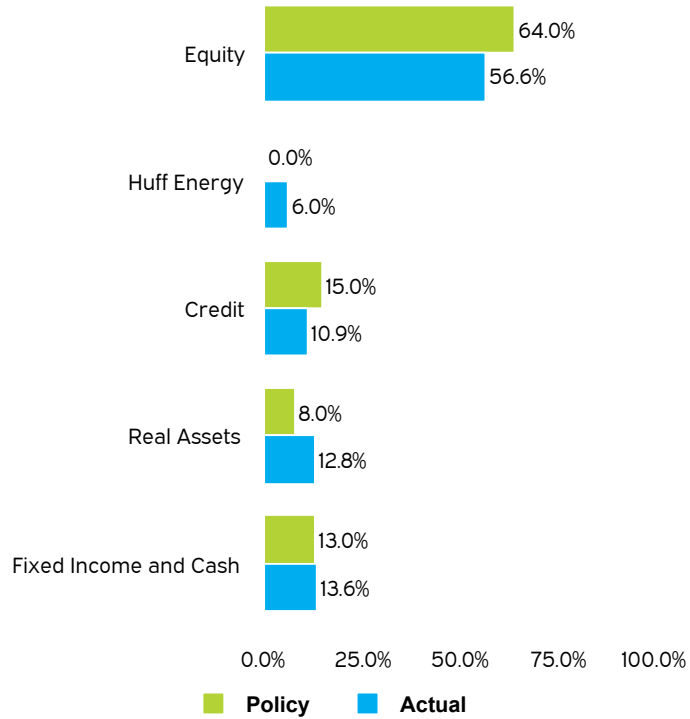
	Market Value (\$)	% of Portfolio	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Since Inception	Inception Date
Fixed Income and Cash	269,917,290	13.6	1.8	5.7	2.8	2.2	--	2.1	May-18
<i>Fixed Income and Cash Blended Benchmark</i>			<i>1.8</i>	<i>5.3</i>	<i>2.6</i>	<i>1.2</i>	<i>1.7</i>	<i>2.1</i>	
Cash Equivalents	62,530,912	3.2	1.2	5.3	4.5	2.7	2.1	4.7	Jul-96
<i>ICE BofA 3 Month U.S. T-Bill</i>			<i>1.0</i>	<i>5.0</i>	<i>4.2</i>	<i>2.6</i>	<i>1.9</i>	<i>2.3</i>	
IR&M 1-3 Year Strategy	125,348,580	6.3	1.6	6.0	3.6	2.4	--	2.4	Jul-17
<i>Blmbg. U.S. Aggregate 1-3 Yrs</i>			<i>1.6</i>	<i>5.6</i>	<i>3.1</i>	<i>1.5</i>	<i>1.7</i>	<i>1.9</i>	
eV US Short Duration Fixed Inc Rank			64	34	41	45	--	32	
Longfellow Core Fixed Income	82,037,799	4.1	2.7	5.4	1.0	--	--	-0.4	Jul-20
<i>Blmbg. U.S. Aggregate Index</i>			<i>2.8</i>	<i>4.9</i>	<i>0.5</i>	<i>-0.4</i>	<i>1.5</i>	<i>-1.0</i>	
eV US Core Fixed Inc Rank			55	16	23	--	--	28	



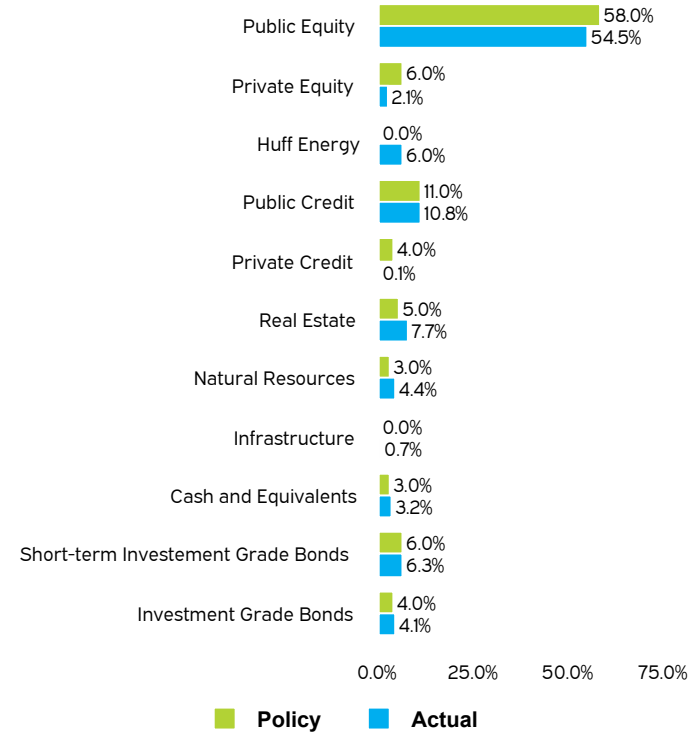
Dallas Police & Fire Pension System

DPFP | As of March 31, 2025

Asset Category Actual vs Target Allocation (%)
As of March 31, 2025



Asset Class Actual vs Target Allocation (%)
As of March 31, 2025





Dallas Police & Fire Pension System

Asset Allocation Compliance | As of March 31, 2025

Allocation vs. Targets					
	Balance (\$)	Current Allocation (%)	Policy (%)	Policy Range (%)	Within IPS Range?
Equity	1,123,040,416	57	64		
Public Equity	1,080,447,285	54	58	50 - 66	Yes
Private Equity	42,593,131	2	6		
Huff Energy	119,643,828	6	0		
Huff Energy	119,643,828	6	0		
Credit	215,917,000	11	15		
Public Credit	214,659,811	11	11	7 - 15	Yes
Private Credit	1,257,189	0	4		
Real Assets	254,176,201	13	8		
Real Estate	152,964,944	8	5		
Natural Resources	87,124,839	4	3		
Infrastructure	14,086,418	1	0		
Fixed Income and Cash	269,917,290	14	13		
Cash and Equivalents	62,530,912	3	3	0 - 6	Yes
Short-term Investment Grade Bonds	125,348,580	6	6	0 - 9	Yes
Investment Grade Bonds	82,037,799	4	4	2 - 6	Yes
Total	1,982,694,735	100	100		

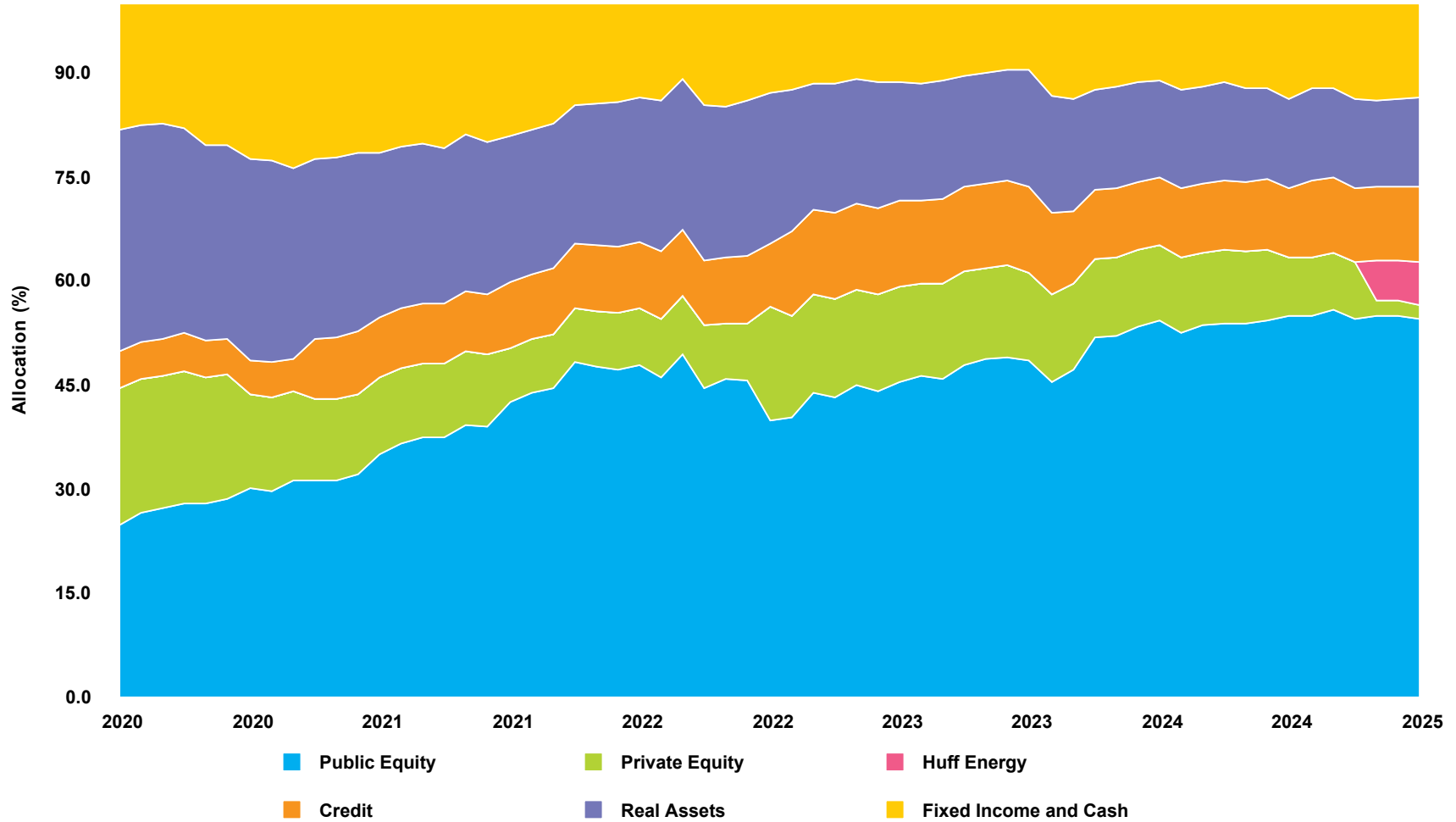
As of 3/31/2025, the Safety Reserve Exposure was approximately \$187.9 million (9.5%).
Rebalancing ranges are not established for illiquid assets (Private Equity, Private Debt, Natural Resources, Infrastructure, and Real Estate).



Dallas Police & Fire Pension System

Historical Asset Allocation | As of March 31, 2025

Asset Allocation History vs. Policy 5 Years Ending March 31, 2025





Dallas Police & Fire Pension System

Multi Time Period Statistics | As of March 31, 2025

Statistics Summary 5 Years Ending March 31, 2025						
	Return	Standard Deviation	Information Ratio	Beta	Sharpe Ratio	Tracking Error
DPFP	6.0	8.0	-0.7	0.7	0.5	5.6
Policy Index	10.0	9.8	-	1.0	0.8	0.0
Public Equity	14.4	15.8	-0.3	1.0	0.8	2.1
MSCI AC World IMI Index (Net)	15.0	15.9	-	1.0	0.8	0.0
Private Equity	-2.8	51.7	-0.2	-0.5	0.1	57.2
Russell 3000 + 2% Lagged	20.9	17.3	-	1.0	1.0	0.0
Huff Energy	-	-	-	-	-	-
Russell 3000 +2% Lagged	20.5	17.2	-	1.0	1.0	0.0
Public Credit	5.8	6.8	0.6	0.8	0.5	3.2
Public Credit Benchmark	3.6	8.1	-	1.0	0.2	0.0
Private Credit	16.5	35.8	0.4	0.6	0.5	35.6
Private Credit Custom Benchmark	6.6	7.7	-	1.0	0.5	0.0
Total Real Assets	1.4	3.3	-0.9	0.6	-0.3	2.8
Total Real Assets Policy Index	4.0	3.6	-	1.0	0.4	0.0
Real Estate	3.6	4.4	0.1	0.0	0.3	6.9
NCREIF Property (1Qtr Lagged)	3.1	5.5	-	1.0	0.1	0.0
Natural Resources	-5.1	6.2	-1.4	0.1	-1.2	6.8
NCREIF Farmland (Q Lag)	4.8	3.1	-	1.0	0.7	0.0
Infrastructure	9.2	15.5	-0.2	0.0	0.5	21.7
S&P Global Infrastructure TR USD	13.8	15.4	-	1.0	0.8	0.0
Total Fixed Income and Cash	3.8	4.2	1.1	1.3	0.3	2.4
Fixed Income and Cash Blended Benchmark	1.2	2.8	-	1.0	-0.5	0.0



Dallas Police & Fire Pension System

Multi Time Period Statistics | As of March 31, 2025

	Return	Standard Deviation	Information Ratio	Beta	Sharpe Ratio	Tracking Error
Cash Equivalents	2.7	0.7	0.6	1.0	0.6	0.3
ICE BofA 3 Month U.S. T-Bill	2.6	0.7	-	1.0	-	0.0
Short Term Core Bonds	2.4	2.1	1.4	1.0	-0.1	0.7
Blmbg. U.S. Aggregate 1-3 Yrs	1.5	2.0	-	1.0	-0.6	0.0
Investment Grade Bonds	0.2	6.3	0.7	1.0	-0.3	0.8
Blmbg. U.S. Aggregate Index	-0.4	6.3	-	1.0	-0.4	0.0



Dallas Police & Fire Pension System

Benchmark History | As of March 31, 2025

Benchmark History		
From Date	To Date	Benchmark
DPFP		
01/01/2025	Present	4.0% Blmbg. U.S. Aggregate Index, 6.0% Blmbg. U.S. Aggregate 1-3 Yrs, 58.0% MSCI AC World IMI Index, 3.0% ICE BofA 3 Month U.S. T-Bill, 11.0% Public Credit BM, 5.0% NCREIF Property (1Qtr Lagged), 3.0% NCREIF Farmland (Q Lag), 4.0% Private Credit Custom Benchmark, 6.0% MSCI ACWI IMI (Net) +2% (Q Lag)
10/01/2021	01/01/2025	4.0% Blmbg. U.S. Aggregate Index, 4.0% Blmbg. U.S. Corp: High Yield Index, 6.0% Blmbg. U.S. Aggregate 1-3 Yrs, 5.0% MSCI Emerging Markets IMI (Net), 55.0% MSCI AC World IMI Index (Net), 3.0% ICE BofA 3 Month U.S. T-Bill, 5.0% Russell 3000 +2% 1Q Lag, 5.0% NCREIF Property (1Qtr Lagged), 5.0% NCREIF Farmland (Q Lag), 4.0% 50% JPM EMBI/50% JPM GBI-EM, 4.0% S&P/LSTA Leveraged Loan
08/01/2021	10/01/2021	4.0% Blmbg. U.S. Aggregate Index, 4.0% Blmbg. U.S. Corp: High Yield Index, 6.0% Blmbg. U.S. Aggregate 1-3 Yrs, 5.0% MSCI Emerging Markets IMI (Net), 55.0% MSCI AC World IMI Index (Net), 3.0% ICE BofA 3 Month U.S. T-Bill, 5.0% NCREIF Property (1Qtr Lagged), 5.0% NCREIF Farmland (Q Lag), 4.0% 50% JPM EMBI/50% JPM GBI-EM, 4.0% S&P/LSTA Leveraged Loan, 5.0% Cambridge Associates UE PE and VC (1 Qtr Lag)
01/01/2019	08/01/2021	4.0% Blmbg. U.S. Aggregate Index, 4.0% Blmbg. U.S. Corp: High Yield Index, 12.0% Blmbg. U.S. Aggregate 1-3 Yrs, 10.0% MSCI Emerging Markets IMI (Net), 40.0% MSCI AC World IMI Index (Net), 4.0% Blmbg. Global Aggregate Index, 3.0% ICE BofA 3 Month U.S. T-Bill, 5.0% NCREIF Property (1Qtr Lagged), 5.0% NCREIF Farmland (Q Lag), 4.0% 50% JPM EMBI/50% JPM GBI-EM, 4.0% S&P/LSTA Leveraged Loan, 5.0% Cambridge Associates UE PE and VC (1 Qtr Lag)
10/01/2018	01/01/2019	4.0% Blmbg. U.S. Aggregate Index, 10.0% MSCI Emerging Markets Index, 40.0% MSCI AC World Index, 5.0% NCREIF Property Index, 4.0% Blmbg. U.S. High Yield - 2% Issuer Cap, 12.0% Blmbg. U.S. Aggregate 1-3 Yrs, 4.0% Blmbg. Global Aggregate Index, 3.0% ICE BofA 3 Month U.S. T-Bill, 5.0% Russell 3000 +2% Lagged, 4.0% 50% JPM EMBI/50% JPM GBI-EM, 4.0% S&P/LSTA Leveraged Loan, 5.0% Natural Resources Benchmark (Linked)
04/01/2016	10/01/2018	5.0% MSCI Emerging Markets Index, 20.0% MSCI AC World Index, 2.0% HFRX Absolute Return Index, 12.0% NCREIF Property Index, 2.0% Blmbg. U.S. Aggregate 1-3 Yrs, 3.0% Blmbg. Global Aggregate Index, 5.0% Blmbg. Global High Yield Index, 2.0% ICE BofA 3 Month U.S. T-Bill, 3.0% CPI +5% (Seasonally Adjusted), 5.0% Russell 3000 +2% Lagged, 6.0% 50% JPM EMBI/50% JPM GBI-EM, 6.0% HFRI RV: FI (50/50-ABS/Corp), 5.0% Barclays Global High Yield +2%, 8.0% 60% MSCI ACWI/40% Barclays Global Agg, 5.0% S&P Global Infrastructure TR USD, 6.0% S&P/LSTA Leveraged Loan, 5.0% Natural Resources Benchmark (Linked)
Public Credit		
01/01/2003	Present	35.0% Blmbg. U.S. Corp: High Yield Index, 35.0% S&P UBS Leveraged Loan Index, 30.0% 35% JPMEMBI Global Index/35% JPM CEMBI Broad Diversified Index/ 30% JPMGBI-EM Di
Private Credit		
01/01/1992	Present	50.0% Bloomberg US HY Index +1.5% Lagged, 50.0% S&P UBS Leveraged Loan +100 Bps
Fixed Income and Cash		
01/01/1993	Present	23.0% ICE BofA 3 Month U.S. T-Bill, 46.0% Blmbg. U.S. Aggregate 1-3 Yrs, 31.0% Blmbg. U.S. Aggregate Index

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Credit Risk: Refers to the risk that the issuer of a fixed income security may default (i.e., the issuer will be unable to make timely principal and/or interest payments on the security).

Duration: Measure of the sensitivity of the price of a bond to a change in its yield to maturity. Duration summarizes, in a single number, the characteristics that cause bond prices to change in response to a change in interest rates. For example, the price of a bond with a duration of three years will rise by approximately 3% for each 1% decrease in its yield to maturity. Conversely, the price will decrease 3% for each 1% increase in the bond's yield. Price changes for two different bonds can be compared using duration. A bond with a duration of six years will exhibit twice the percentage price change of a bond with a three-year duration. The actual calculation of a bond's duration is somewhat complicated, but the idea behind the calculation is straightforward. The first step is to measure the time interval until receipt for each cash flow (coupon and principal payments) from a bond. The second step is to compute a weighted average of these time intervals. Each time interval is measured by the present value of that cash flow. This weighted average is the duration of the bond measured in years.

Information Ratio: This statistic is a measure of the consistency of a portfolio's performance relative to a benchmark. It is calculated by subtracting the benchmark return from the portfolio return (excess return), and dividing the resulting excess return by the standard deviation (volatility) of this excess return. A positive information ratio indicates outperformance versus the benchmark, and the higher the information ratio, the more consistent the outperformance.

Jensen's Alpha: A measure of the average return of a portfolio or investment in excess of what is predicted by its beta or "market" risk. Portfolio Return- [Risk Free Rate+Beta*(market return-Risk Free Rate)].

Market Capitalization: For a firm, market capitalization is the total market value of outstanding common stock. For a portfolio, market capitalization is the sum of the capitalization of each company weighted by the ratio of holdings in that company to total portfolio holdings; thus it is a weighted-average capitalization. Meketa Investment Group considers the largest 65% of the broad domestic equity market as large capitalization, the next 25% of the market as medium capitalization, and the smallest 10% of stocks as small capitalization.

Market Weighted: Stocks in many indices are weighted based on the total market capitalization of the issue. Thus, the individual returns of higher market-capitalization issues will more heavily influence an index's return than the returns of the smaller market-capitalization issues in the index.

Maturity: The date on which a loan, bond, mortgage, or other debt/security becomes due and is to be paid off.

Prepayment Risk: The risk that prepayments will increase (homeowners will prepay all or part of their mortgage) when mortgage interest rates decline; hence, investors' monies will be returned to them in a lower interest rate environment. Also, the risk that prepayments will slow down when mortgage interest rates rise; hence, investors will not have as much money as previously anticipated in a higher interest rate environment. A prepayment is any payment in excess of the scheduled mortgage payment.

Price-Book Value (P/B) Ratio: The current market price of a stock divided by its book value per share. Meketa Investment Group calculates P/B as the current price divided by Compustat's quarterly common equity. Common equity includes common stock, capital surplus, retained earnings, and treasury stock adjusted for both common and nonredeemable preferred stock. Similar to high P/E stocks, stocks with high P/B's tend to be riskier investments.



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Price-Earnings (P/E) Ratio: A stock's market price divided by its current or estimated future earnings. Lower P/E ratios often characterize stocks in low growth or mature industries, stocks in groups that have fallen out of favor, or stocks of established blue chip companies with long records of stable earnings and regular dividends. Sometimes a company that has good fundamentals may be viewed unfavorably by the market if it is an industry that is temporarily out of favor. Or a business may have experienced financial problems causing investors to be skeptical about its future. Either of these situations would result in lower relative P/E ratios. Some stocks exhibit above-average sales and earnings growth or expectations for above average growth. Consequently, investors are willing to pay more for these companies' earnings, which results in elevated P/E ratios. In other words, investors will pay more for shares of companies whose profits, in their opinion, are expected to increase faster than average. Because future events are in no way assured, high P/E stocks tend to be riskier and more volatile investments. Meketa Investment Group calculates P/E as the current price divided by the I/B/E/S consensus of twelve-month forecast earnings per share.

Quality Rating: The rank assigned a security by such rating services as Fitch, Moody's, and Standard & Poor's. The rating may be determined by such factors as (1) the likelihood of fulfillment of dividend, income, and principal payment of obligations; (2) the nature and provisions of the issue; and (3) the security's relative position in the event of liquidation of the company. Bonds assigned the top four grades (AAA, AA, A, BBB) are considered investment grade because they are eligible bank investments as determined by the controller of the currency.

Sharpe Ratio: A commonly used measure of risk-adjusted return. It is calculated by subtracting the risk free return (usually three-month Treasury bill) from the portfolio return and dividing the resulting excess return by the portfolio's total risk level (standard deviation). The result is a measure of return per unit of total risk taken. The higher the Sharpe ratio, the better the fund's historical risk adjusted performance.

STIF Account: Short-term investment fund at a custodian bank that invests in cash-equivalent instruments. It is generally used to safely invest the excess cash held by portfolio managers.

Standard Deviation: A measure of the total risk of an asset or a portfolio. Standard deviation measures the dispersion of a set of numbers around a central point (e.g., the average return). If the standard deviation is small, the distribution is concentrated within a narrow range of values. For a normal distribution, about two thirds of the observations will fall within one standard deviation of the mean, and 95% of the observations will fall within two standard deviations of the mean.

Style: The description of the type of approach and strategy utilized by an investment manager to manage funds. For example, the style for equities is determined by portfolio characteristics such as price-to-book value, price-to-earnings ratio, and dividend yield. Equity styles include growth, value, and core.

Tracking Error: A divergence between the price behavior of a position or a portfolio and the price behavior of a benchmark, as defined by the difference in standard deviation.



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Yield to Maturity: The yield, or return, provided by a bond to its maturity date; determined by a mathematical process, usually requiring the use of a “basis book.” For example, a 5% bond pays \$5 a year interest on each \$100 par value. To figure its current yield, divide \$5 by \$95—the market price of the bond—and you get 5.26%. Assume that the same bond is due to mature in five years. On the maturity date, the issuer is pledged to pay \$100 for the bond that can be bought now for \$95. In other words, the bond is selling at a discount of 5% below par value. To figure yield to maturity, a simple and approximate method is to divide 5% by the five years to maturity, which equals 1% pro rata yearly. Add that 1% to the 5.26% current yield, and the yield to maturity is roughly 6.26%.

$$\frac{5\% \text{ (discount)}}{5 \text{ (yrs. to maturity)}} = 1\% \text{ pro rata, plus } 5.26\% \text{ (current yield)} = 6.26\% \text{ (yield to maturity)}$$

Yield to Worst: The lowest potential yield that can be received on a bond without the issuer actually defaulting. The yield to worst is calculated by making worst-case scenario assumptions on the issue by calculating the returns that would be received if provisions, including prepayment, call, or sinking fund, are used by the issuer.

NCREIF Property Index (NPI): Measures unleveraged investment performance of a very large pool of individual commercial real estate properties acquired in the private market by tax-exempt institutional investors for investment purposes only. The NPI index is capitalization-weighted for a quarterly time series composite total rate of return.

NCREIF Fund Index - Open End Diversified Core Equity (NFI-ODCE): Measures the investment performance of 28 open-end commingled funds pursuing a core investment strategy that reflects funds' leverage and cash positions. The NFI-ODCE index is equal-weighted and is reported gross and net of fees for a quarterly time series composite total rate of return.

Sources: Investment Terminology, International Foundation of Employee Benefit Plans, 1999.
The Handbook of Fixed Income Securities, Fabozzi, Frank J., 1991

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Throughout this report, numbers may not sum due to rounding.

Returns for periods greater than one year are annualized throughout this report.

Values shown are in millions of dollars, unless noted otherwise.