

**December 31, 2021** 

Fund Evaluation Report





Agenda

## Agenda

- 1. Executive Summary
- 2. Performance Update as of December 31, 2021
- 3. Disclaimer, Glossary, and Notes

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# Executive Summary As of December 31, 2021



**Executive Summary** 

#### DPFP Trailing One-Year Flash Summary

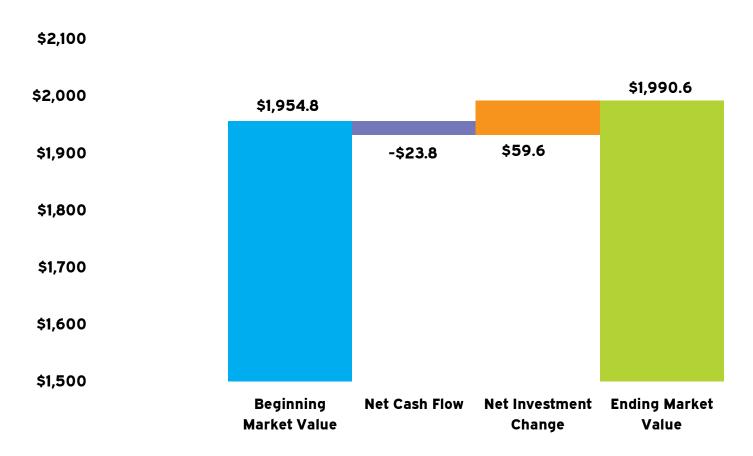
Category	Results	Notes
Total Fund Performance Return	Positive	5.0%
Performance vs. Policy Index	Underperformed	5.0% vs. 10.7%
Performance vs. Peers <sup>1</sup>	Underperformed	5.0% vs. 14.1% median (99th percentile in peer group)
Asset Allocation vs. Targets	Positive	Underweight bonds and emerging market equity helped
Public Active Management	Mixed	5/10 public managers beat benchmarks
DPFP Public Markets vs. 60/40²	Outperformed	10.1% vs. 8.6%
DPFP Public Markets vs. Peers	Underperformed	10.1% vs. 14.1%
Safety Reserve Exposure	Sufficient	\$176.6 million (approximately 8.9%)
Compliance with Targets	Yes	All asset classes in compliance

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<sup>&</sup>lt;sup>1</sup> InvestorForce Public DB \$1-5 billion net.

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

#### Quarterly Change in Market Value

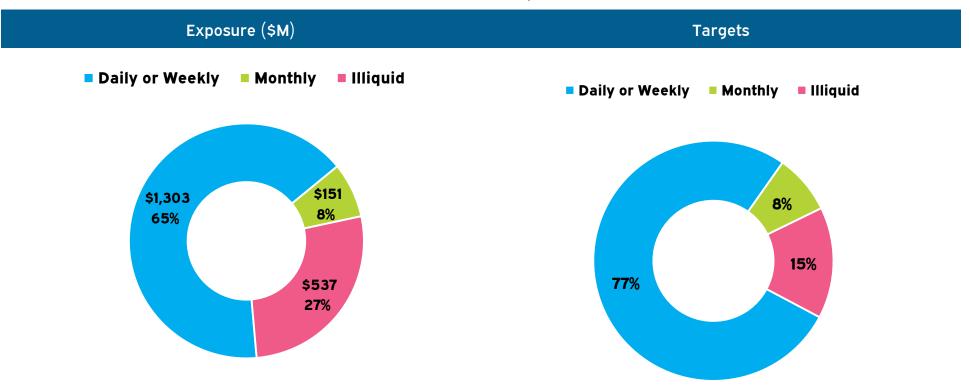


• Total market value increased due to positive investment performance despite net outflows.



**Liquidity Exposure** 

As of December 31, 2021



• Approximately 27% of the DPFP's assets are illiquid versus 15% of the target allocation.





## **Quarterly Manager Scorecard**

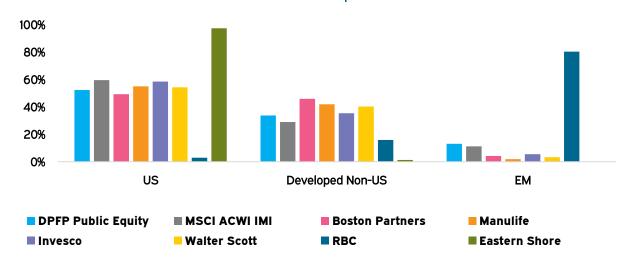
	1 Yr Outperformance vs. Benchmark	3 Yr Outperformance vs. Benchmark	5 Yr Outperformance vs. Benchmark
Boston Partners Global Equity Fund	Yes	No	NA
Manulife Global Equity Strategy	Yes	No	NA
Invesco (fka OFI) Global Equity	No	Yes	Yes
Walter Scott Global Equity Fund	Yes	Yes	Yes
Eastern Shore US Small Cap	NA	NA	NA
RBC Emerging Markets Equity	No	No	NA
IR&M 1-3 Year Strategy	Yes	Yes	NA
Longfellow Core Fixed Income	Yes	NA	NA
Pacific Asset Management Corporate (Bank) Loans	No	Yes	NA
Loomis US High Yield Fund	No	NA	NA
Ashmore EM Blended Debt	No	No	NA

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#### **Equity Regional Exposure**

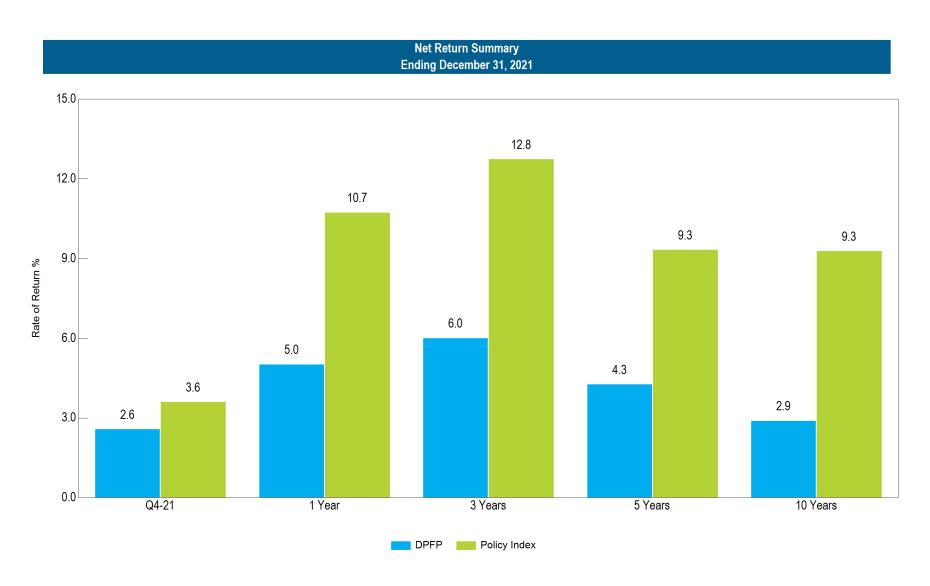
	Market Value (\$)	% of DPFP Public Equity (%)	<b>us</b> (%)	Developed Non-US (%)	<b>EM</b> (%)
NT MSCI ACWI IMI	247,689,585.00	26	60	29	11
Boston Partners	148,561,058.00	15	49	46	4
Manulife	149,089,480.00	15	55	42	2
Invesco	142,136,419.00	15	58	35	6
Walter Scott	147,850,852.00	15	54	40	3
RBC	96,966,057.00	10	3	16	80
Eastern Shore	40,736,624.00	4	97	1	0
Total DPFP Public Equity	\$973,030,075.00	100	52	34	13
MSCI ACWI IMI			60	29	11



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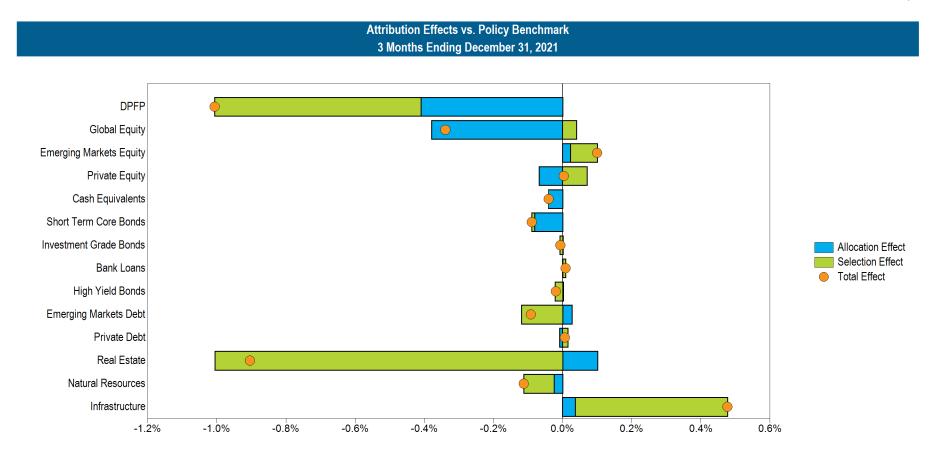
## Performance Update As of December 31, 2021







DPFP | As of December 31, 2021

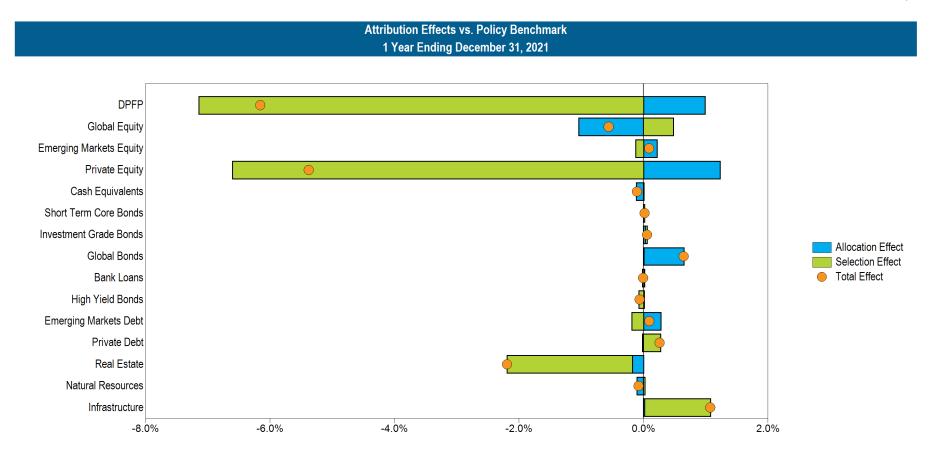


		Attribution Summ	nary			
	3	Months Ending Deceml	per 31, 2021			
	Wtd. Actual	Wtd. Index	Excess	Selection	Allocation	Total
	Return	Return	Return	Effect	Effect	Effects
Total	2.6%	3.6%	-1.0%	-0.6%	-0.4%	-1.0%

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.

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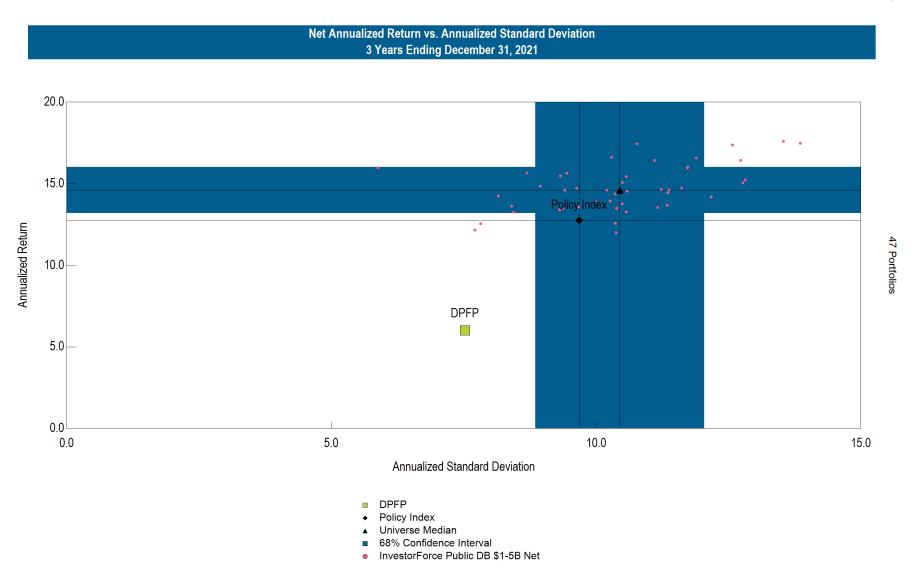


	Attribution Sum	nmary			
	1 Year Ending Decem	ber 31, 2021			
Wtd. Actual	Wtd. Index	Excess	Selection	Allocation	Total
Return	Return	Return	Effect	Effect	Effects
Total 5.2%	10.8%	-5.6%	-7.1%	1.6%	-5.5%

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.

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Diff As a December 51, 2021											
Ass	set Class Perfo	rmance Su	ımmary	(Net)							
	Market Value	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	S.I.		
	(\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	S.I. Date	
DPFP	1,990,600,761	100.0	2.6	5.0	5.0	6.0	4.3	2.9	5.7	Jun-96	
Policy Index			3.6	10.7	10.7	12.8	9.3	9.3		Jun-96	
Allocation Index			3.5	13.5	13.5	11.5	9.0	9.8	7.6	Jun-96	
Total Fund Ex Private Markets			3.4	10.1	10.1	12.9	8.9	8.0	6.0	Jun-96	
60% MSCI ACWI IMI Net/40% Bloomberg Global Aggregate Index			3.4	8.6	8.6	13.6	10.0	7.9	6.6	Jun-96	
Global Equity	876,064,018	44.0	6.1	19.5	19.5	21.1	15.6	12.7	8.3	Jul-06	
MSCI ACWI IMI Net USD			6.1	18.2	18.2	20.2	14.1	11.8	7.8	Jul-06	
Emerging Markets Equity	96,966,057	4.9	0.6	-4.3	-4.3	9.5			4.2	Jan-18	
MSCI Emerging Market IMI Net			-1.0	-0.3	-0.3	11.6	10.1	5.7	4.2	Jan-18	
Private Equity	133,521,970	6.7	1.0	-30.1	-30.1	-16.7	-16.1	-9.1	-3.9	Oct-05	
Private Equity Benchmark			1.0	40.5	40.5	19.7	18.8	15.8	14.2	Oct-05	
Cash Equivalents	58,376,141	2.9	0.0	0.2	0.2	1.0	1.2		1.2	Apr-15	
91 Day T-Bills			0.0	0.0	0.0	0.8	1.1	0.6	0.8	Apr-15	
Short Term Core Bonds	118,245,816	5.9	-0.6	-0.4	-0.4	2.8		-	2.3	Jun-17	
Bloomberg US Aggregate 1-3 Yr TR			-0.6	-0.5	-0.5	2.2	1.8	1.4	1.8	Jun-17	
Investment Grade Bonds	76,110,992	3.8	-0.2	-0.9	-0.9				3.4	Oct-19	
Bloomberg US Aggregate TR			0.0	-1.5	-1.5	4.8	3.6	<i>2</i> .9	2.6	Oct-19	
Bank Loans	77,012,436	4.0	0.9	5.0	5.0	5.6	4.6		4.3	Jan-14	
Credit Suisse Leveraged Loan			0.7	5.4	5.4	5.4	4.3		4.1	Jan-14	
High Yield Bonds	77,194,961	4.0	0.2	3.4	3.4	6.8	5.6	6.1	6.1	Dec-10	
Bloomberg US Corporate High Yield TR			0.7	<i>5.3</i>	<i>5.3</i>	8.8	6.3	6.8	6.7	Dec-10	
Emerging Markets Debt	73,636,394	3.6	-4.7	-10.2	-10.2	0.5	1.9	2.2	2.3	Dec-10	
50% JPM EMBI/50% JPM GBI-EM			-1.5	<i>-5.3</i>	-5.3	4.0	3.8	2.9	3.0	Dec-10	
Private Debt	6,401,362	0.3	5.6	126.7	126.7	24.8	15.9		14.7	Jan-16	
Barclays Global High Yield +2%			-0.2	3.0	3.0	8.9	7.3		8.8	Jan-16	

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Asset Class Performance Summary (Net)										
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	S.I. (%)	S.I. Date
Real Estate	215,661,587	10.8	-3.4	-2.8	-2.8	-0.8	1.5	-3.7	3.4	Mar-85
NCREIF Property (1 Qtr Lag)			5.2	12.2	12.2	6.7	6.8	9.0	8.0	Mar-85
Natural Resources	116,340,954	5.8	0.1	5.6	5.6	3.2	-0.4	3.3	3.6	Dec-10
NCREIF Farmland Total Return Index (1 Qtr Lag)			1.5	5.5	5.5	4.9	5.5	10.2	10.4	Dec-10
Infrastructure	65,068,074	3.3	20.5	61.4	61.4	6.7	14.4		7.6	Jul-12
S&P Global Infrastructure TR USD			4.6	11.9	11.9	10.2	7.8	7.7	7.7	Jul-12

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<sup>&</sup>lt;sup>1</sup> Please see the Appendix for composition of the Custom Benchmarks. <sup>2</sup>As of 12/31/2021, the Safety Reserve exposure was approximately \$176.6 million (8.9%).

<sup>3</sup> All private market data is one quarter lagged, unless otherwise noted. 4 Lone Star Funds 12/31/2020 valuation used 5 Museum Tower 12/31/2020 valuation used.



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									•		
	Trai	ling Net	Perform	ance							
	Market Value	% of	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	S.I.	
	(\$)	Portfolio	Sector	(%)	(%)	(%)	(%)	(%)	(%)	(%)	S.I. Date
DPFP	1,990,600,761	100.0		2.6	5.0	5.0	6.0	4.3	2.9	5.7	Jun-96
Policy Index				3.6	10.7	10.7	12.8	9.3	9.3		Jun-96
Allocation Index				3.5	13.5	13.5	11.5	9.0	9.8	7.6	Jun-96
Total Fund Ex Private Markets				3.4	10.1	10.1	12.9	8.9	8.0	6.0	Jun-96
60% MSCI ACWI IMI Net/40% Bloomberg Global Aggregate Index				3.4	8.6	8.6	13.6	10.0	7.9	6.6	Jun-96
InvestorForce Public DB \$1-5B Net Rank				93	99	99	99	99	99	99	Jun-96
Total Equity	1,106,552,045	55.6	55.6	5.0	7.7	7.7	11.1	4.1	6.6	5.3	Dec-10
MSCI ACWI IMI Net USD				6.1	18.2	18.2	20.2	14.1	11.8	9.9	Dec-10
Public Equity	973,030,075	48.9	87.9	5.6	17.2	17.2	20.3	15.1	12.5	8.1	Jul-06
MSCI ACWI IMI Net USD				6.1	18.2	18.2	20.2	14.1	11.8	7.8	Jul-06
eV All Global Equity Net Rank				56	64	64	52	44	43	41	Jul-06
Global Equity	876,064,018	44.0	90.0	6.1	19.5	19.5	21.1	15.6	12.7	8.3	Jul-06
MSCI ACWI IMI Net USD				6.1	18.2	18.2	20.2	14.1	11.8	7.8	Jul-06
eV All Global Equity Net Rank				52	46	46	48	39	41	40	Jul-06
Boston Partners Global Equity Fund	148,561,058	7.5	17.0	4.9	23.2	23.2	16.1			9.4	Jul-17
MSCI World Net				7.8	21.8	21.8	21.7	15.0	12.7	14.2	Jul-17
MSCI World Value				7.2	21.9	21.9	13.6	8.9	9.5	8.3	Jul-17
eV Global All Cap Value Eq Net Rank				26	5	5	41			40	Jul-17
Manulife Global Equity Strategy	149,089,480	7.5	17.0	7.3	22.6	22.6	19.8			11.7	Jul-17
MSCI ACWI Net				6.7	18.5	18.5	20.4	14.4	11.9	13.3	Jul-17
MSCI ACWI Value NR USD				6.3	19.6	19.6	12.9	8.7	8.8	7.9	Jul-17
eV Global Large Cap Value Eq Net Rank				12	15	15	9			16	Jul-17

<sup>&</sup>lt;sup>1</sup> All Private Equity market values are one quarter lagged unless otherwise noted.

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<sup>&</sup>lt;sup>2</sup> 60% MSCI ACWI IMI Net/40% Bloomberg Global Aggregate Index composed of 60% MSCI ACWI (Net)/ 40% Bloomberg Global Aggregate in periods before 2/1/1997.



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	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	S.I. (%)	S.I. Date
Walter Scott Global Equity Fund	147,850,852	7.4	16.9	8.3	19.2	19.2	22.9	18.0	13.8	11.9	Dec-09
MSCI ACWI Net			- 1	6.7	18.5	18.5	20.4	14.4	11.9	10.3	Dec-09
MSCI ACWI Growth				6.9	17.1	17.1	27.6	19.9	14.7	12.9	Dec-09
eV Global Large Cap Growth Eq Net Rank			- 1	17	<i>2</i> 7	27	79	84	85	87	Dec-09
Invesco (fka OFI) Global Equity	142,136,419	7.1	16.2	2.8	13.8	13.8	24.8	18.2	14.5	8.7	Oct-07
MSCI ACWI Net				6.7	18.5	18.5	20.4	14.4	11.9	6.5	Oct-07
MSCI ACWI Growth	1			6.9	17.1	17.1	27.6	19.9	14.7	8.7	Oct-07
eV Global Large Cap Growth Eq Net Rank			- 1	74	64	64	63	84	72	64	Oct-07
NT ACWI Index IMI	247,689,585	12.4	28.3	6.3						12.7	Apr-21
MSCI ACWI IMI Net USD	1			6.1	18.2	18.2	20.2	14.1	11.8	12.4	Apr-21
eV Global All Cap Equity Net Rank			- 1	38						45	Apr-21
Eastern Shore US Small Cap	40,736,624	2.0	4.6	7.1						7.1	Oct-21
Russell 2000			- 1	2.1	14.8	14.8	20.0	12.0	13.2	2.1	Oct-21
eV US Small Cap Equity Net Rank			- 1	<i>2</i> 7						27	Oct-21
Emerging Markets Equity	96,966,057	4.9	10.0	0.6	-4.3	-4.3	9.5			4.2	Jan-18
MSCI Emerging Market IMI Net				-1.0	-0.3	-0.3	11.6	10.1	5.7	4.2	Jan-18
eV Emg Mkts Equity Net Rank			- 1	<i>2</i> 7	70	70	81			52	Jan-18
RBC Emerging Markets Equity	96,966,057	4.9	100.0	0.6	-4.3	-4.3	9.5			4.2	Jan-18
MSCI Emerging Market IMI Net				-1.0	-0.3	-0.3	11.6	10.1	5.7	4.2	Jan-18
eV Emg Mkts Equity Net Rank				27	70	70	81			52	Jan-18

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	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	S.I. (%)	S.I. Date
Private Equity	133,521,970	6.7	12.1	1.0	-30.1	-30.1	-16.7	-16.1	-9.1	-3.9	Oct-05
Private Equity Benchmark (1 Qtr Lag)				0.0	39.1	39.1	19.3	18.6	15.7	14.2	Oct-05
Total Fixed Income and Cash	486,978,101	24.5	24.5	-0.6	0.6	0.6	3.8	3.0	4.2	4.9	Jul-06
Bloomberg Multiverse TR				-0.7	-4.5	-4.5	<i>3.7</i>	3.4	2.0	3.6	Jul-06
eV All Global Fixed Inc Net Rank				64	37	37	79	84	42	39	Jul-06
Cash Equivalents	58,376,141	2.9	12.0	0.0	0.2	0.2	1.0	1.2		1.2	Apr-15
91 Day T-Bills				0.0	0.0	0.0	0.8	1.1	0.6	0.8	Apr-15
Public Fixed Income	422,200,599	21.2	86.7	-0.8	-0.4	-0.4	4.0	4.3	4.5	4.8	Dec-10
Bloomberg Multiverse TR			- 1	-0.7	-4.5	-4.5	3.7	3.4	2.0	2.3	Dec-10
eV All Global Fixed Inc Net Rank				72	47	47	74	52	35	29	Dec-10
Short Term Core Bonds	118,245,816	5.9	28.0	-0.6	-0.4	-0.4	2.8			2.3	Jun-17
Bloomberg US Aggregate 1-3 Yr TR				-0.6	-0.5	-0.5	2.2	1.8	1.4	1.8	Jun-17
IR&M 1-3 Year Strategy	118,245,816	5.9	100.0	-0.6	-0.4	-0.4	2.8			2.3	Jul-17
Bloomberg US Aggregate 1-3 Yr TR			- 1	-0.6	-0.5	-0.5	2.2	1.8	1.4	1.8	Jul-17
eV US Short Duration Fixed Inc Net Rank				82	41	41	40			33	Jul-17
Investment Grade Bonds	76,110,992	3.8	18.0	-0.2	-0.9	-0.9		_		3.4	Oct-19
Bloomberg US Aggregate TR				0.0	-1.5	-1.5	4.8	3.6	2.9	2.6	Oct-19
eV US Core Fixed Inc Net Rank				70	22	22				26	Oct-19
Longfellow Core Fixed Income	76,110,992	3.8	100.0	-0.2	-0.9	-0.9				0.8	Jul-20
Bloomberg US Aggregate TR				0.0	-1.5	-1.5	4.8	3.6	2.9	-0.2	Jul-20
eV US Core Fixed Inc Net Rank				70	22	22				38	Jul-20

<sup>&</sup>lt;sup>1</sup> All Private Equity market values are one quarter lagged unless otherwise noted.

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<sup>&</sup>lt;sup>2</sup> Lone Star Funds 12/31/2020 valuation used.



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	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	S.I. (%)	S.I. Date
Bank Loans	77,012,436	3.9	18.2	0.9	5.0	5.0	5.6	4.6		4.3	Jan-14
Credit Suisse Leveraged Loan				0.7	5.4	5.4	5.4	4.3		4.1	Jan-14
eV US Float-Rate Bank Loan Fixed Inc Net Rank				10	33	33	24	11	-	15	Jan-14
Pacific Asset Management Corporate (Bank) Loans	77,012,436	3.9	100.0	0.9	5.2	5.2	5.5		-	4.3	Aug-17
Credit Suisse Leveraged Loan				0.7	5.4	5.4	5.4	4.3	-	4.3	Aug-17
eV US Float-Rate Bank Loan Fixed Inc Net Rank				10	29	29	28			19	Aug-17
High Yield Bonds	77,194,961	3.9	18.3	0.2	3.4	3.4	6.8	5.6	6.1	6.1	Dec-10
Bloomberg US Corporate High Yield TR				0.7	<i>5.3</i>	5.3	8.8	6.3	6.8	6.7	Dec-10
eV US High Yield Fixed Inc Net Rank				92	90	90	82	61	68	59	Dec-10
Loomis US High Yield Fund	77,194,961	3.9	100.0	0.2	3.6	3.6				3.6	Jan-21
Bloomberg US High Yield 2% Issuer Cap TR				0.7	<i>5.3</i>	<i>5.3</i>	8.8	6.3	6.8	5.3	Jan-21
eV US High Yield Fixed Inc Net Rank				92	84	84			-	84	Jan-21
Emerging Markets Debt	73,636,394	3.7	17.4	-4.7	-10.2	-10.2	0.5	1.9	2.2	2.3	Dec-10
50% JPM EMBI/50% JPM GBI-EM				-1.5	-5.3	<i>-5.3</i>	4.0	3.8	2.9	3.0	Dec-10
eV All Emg Mkts Fixed Inc Net Rank				99	98	98	98	93	73	70	Dec-10
Ashmore EM Blended Debt	73,636,394	3.7	100.0	-4.7	-10.2	-10.2	0.5			-0.6	Dec-17
Ashmore Blended Debt Benchmark			- 1	-1.1	-3.9	-3.9	3.8	<i>3.7</i>	3.0	1.9	Dec-17
eV All Emg Mkts Fixed Inc Net Rank				99	98	98	98			94	Dec-17
Private Debt	6,401,362	0.3	1.3	5.6	126.7	126.7	24.8	11.1		9.9	Jan-16
BBg US High Yield+2%			- 1	1.2	7.4	7.4	11.0	8.4	9.0	10.2	Jan-16

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DPFP | As of December 31, 2021

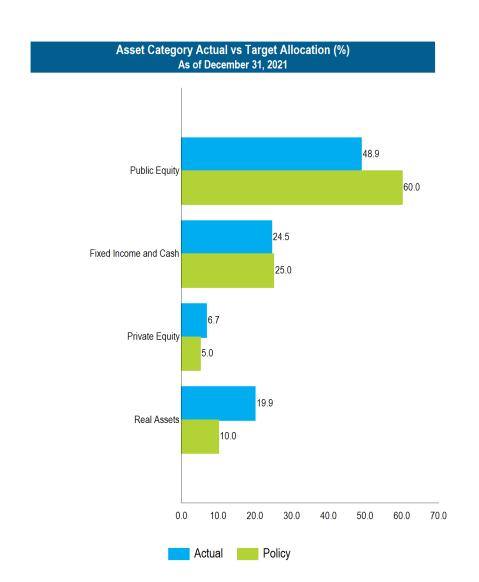
	Market Value (\$)	% of Portfolio		QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	S.I. (%)	S.I. Date
Total Real Assets	397,070,615	19.9	19.9	0.9	6.0	6.0	1.5	3.6	-1.3	-1.2	Dec-10
Total Real Assets Policy Index				3.4	8.8	8.8	5.8	6.2	9.6	10.0	Dec-10
Real Estate	215,661,587	10.8	54.3	-3.4	-2.8	-2.8	-0.8	1.5	-3.7	3.4	Mar-85
NCREIF Property (1 Qtr Lag)				5.2	12.2	12.2	6.7	6.8	9.0	8.0	Mar-85
Natural Resources	116,340,954	5.8	29.3	0.1	5.6	5.6	3.2	-0.4	3.3	3.6	Dec-10
NCREIF Farmland Total Return Index (1 Qtr Lag)				1.5	5.5	5.5	4.9	5.5	10.2	10.4	Dec-10
Infrastructure	65,068,074	3.3	16.4	20.5	61.4	61.4	6.7	14.4		7.6	Jul-12
S&P Global Infrastructure TR USD				4.6	11.9	11.9	10.2	7.8	7.7	7.7	Jul-12

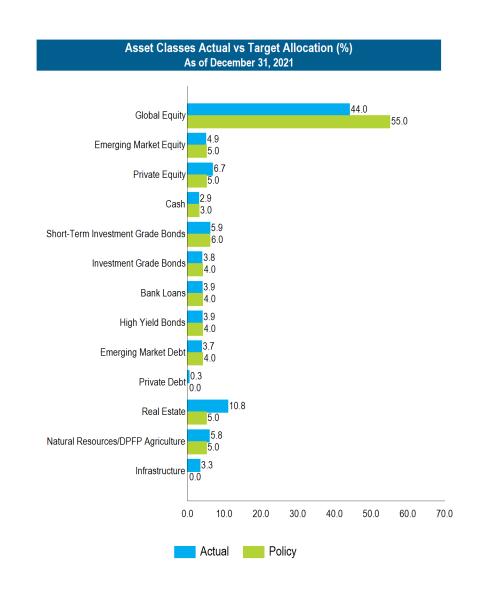
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<sup>&</sup>lt;sup>1</sup> All Private Market market values are one quarter lagged unless otherwise noted.



DPFP | As of December 31, 2021





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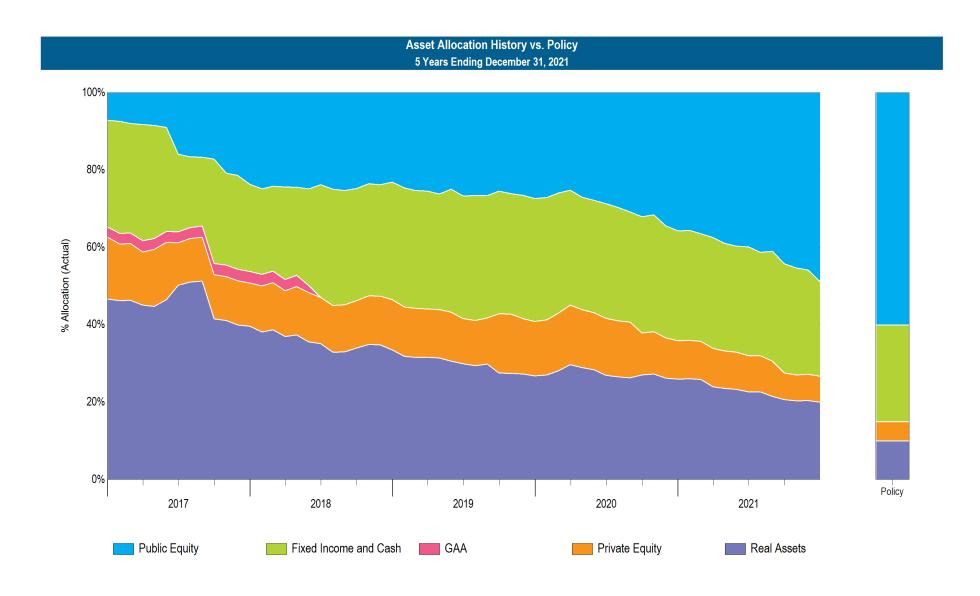
	Current Balance	Current Allocation	Policy	Policy Range	Within IPS Range?
Equity	\$973,030,075	56%	65%		
Global Equity	\$876,064,018	44%	55%	36% - 60%	Yes
Emerging Market Equity	\$96,966,057	5%	5%	3% - 7%	Yes
Private Equity	\$133,521,970	7%	5%		
Fixed Income and Cash	\$486,978,101	24%	25%		
Cash	\$58,376,141	3%	3%	0% - 6%	Yes
Short-Term Investment Grade Bonds	\$118,245,816	6%	6%	0% - 9%	Yes
Investment Grade Bonds	\$76,110,992	4%	4%	2% - 6%	Yes
Bank Loans	\$77,012,436	4%	4%	2% - 6%	Yes
High Yield Bonds	\$77,194,961	4%	4%	2% - 6%	Yes
Emerging Market Debt	\$73,636,394	3%	4%	2% - 6%	Yes
Private Debt	\$6,401,362	0%	0%		
Real Assets	\$397,070,615	20%	10%		
Real Estate	\$215,661,587	11%	5%		
Natural Resources/DPFP Agriculture	\$116,340,954	6%	5%		
Infrastructure	\$65,068,074	3%	0%		
Total	\$1,990,600,761	100%	100%		

<sup>&</sup>lt;sup>1</sup> As of 12/31/2021, the Safety Reserve exposure was approximately \$176.6 million (8.9%).

 $<sup>^2</sup>$  Global equity consists of 25% US, 16% Developed Non-US, and 2% Emerging Markets.

<sup>&</sup>lt;sup>3</sup> Rebalancing ranges are not established for illiquid assets (Private Equity, Private Debt, Natural Resources, Infrastructure and Real Estate).









		Statistics Sur	nmary			
5 Years Ending December 31, 2021						
	Anlzd Return	Anlzd Standard Deviation	Information Ratio	Beta	Sharpe Ratio	Tracking Error
DPFP	4.3%	6.1%	-1.0	0.6	0.5	5.1%
Policy Index	9.3%	8.4%		1.0	1.0	0.0%
Public Equity	15.1%	14.9%	0.4	1.0	0.9	2.1%
MSCI ACWI IMI Net USD	14.1%	15.2%		1.0	0.9	0.0%
Global Equity	15.6%	15.3%	0.6	1.0	0.9	2.2%
MSCI ACWI IMI Net USD	14.1%	15.2%		1.0	0.9	0.0%
Private Equity	-16.1%	28.1%	-1.0	-0.8	-0.6	34.9%
Cambridge Associates US All PE (1 Qtr Lag)	18.6%	12.6%		1.0	1.4	0.0%
Bank Loans	4.6%	4.4%	0.1	0.6	0.8	2.8%
Credit Suisse Leveraged Loan	4.3%	6.8%		1.0	0.5	0.0%
High Yield Bonds	5.6%	8.3%	-0.4	1.1	0.5	2.0%
Bloomberg US Corporate High Yield TR	6.3%	7.4%		1.0	0.7	0.0%
Emerging Markets Debt	1.9%	12.7%	-0.4	1.3	0.1	4.4%
50% JPM EMBI/50% JPM GBI-EM	3.8%	9.2%		1.0	0.3	0.0%



Statistics Summary 5 Years Ending December 31, 2021						
	Anlzd Return	Anlzd Standard Deviation	Information Ratio	Beta	Sharpe Ratio	Tracking Error
Real Estate	1.5%	3.5%	-1.1	0.1	0.1	4.8%
NCREIF Property (1 Qtr Lag)	6.8%	3.6%		1.0	1.6	0.0%
Natural Resources	-0.4%	6.7%	-1.0	0.9	-0.2	6.2%
NCREIF Farmland Total Return Index (1 Qtr Lag)	5.5%	2.8%		1.0	1.6	0.0%
Infrastructure	14.4%	32.6%	0.2	0.1	0.4	35.9%
S&P Global Infrastructure TR USD	7.8%	16.6%		1.0	0.4	0.0%



Benchmark History					
		As of December 31, 2021			
DPFP					
8/1/2021	Present	DPFP Policy Benchmark is based upon the asset class target weight multiplied by its respective benchmark for every period and was updated when benchmark or asset allocation targets changed. The most recent Policy Benchmark changes are shown below.			
1/1/2019	7/31/2021	40% MSCI ACWI IMI Net USD / 10% MSCI Emerging Market IMI Net / 5% Cambridge Associates US All PE (1 Qtr Lag) / 12% Bloomberg US Aggregate 1-3 Yr TR / 4% Bloomberg Global Aggregate TR / 4% Bloomberg US Corporate High Yield TR / 4% Bloomberg US Aggregate TR / 4% S&P/LSTA Leveraged Loan / 4% 50% JPM EMBI/50% JPM GBI-EM / 5% NCREIF Farmland Total Return Index (1 Qtr Lag) / 5% NCREIF Property (1 Qtr Lag) / 3% 91 Day T-Bills			
10/1/2018	12/31/2018	40% MSCI ACWI Gross / 10% MSCI Emerging Markets Gross / 5% Private Equity Custom Benchmark / 12% Bloomberg US Aggregate 1-3 Yr TR / 4% Bloomberg Global Aggregate TR / 4% Bloomberg US High Yield 2% Issuer Cap TR / 4% S&P/LSTA Leveraged Loan / 4% Bloomberg US Aggregate TR / 4% 50% JPM EMBI/50% JPM GBI-EM / 5% Natural Resources Benchmark (Linked) / 5% NCREIF Property Index / 3% 91 Day T-Bills			
4/1/2016	9/30/2018	20% MSCI ACWI Gross / 5% MSCI Emerging Markets Gross / 5% Private Equity Custom Benchmark / 2% Bloomberg US Aggregate 1-3 Yr TR / 3% Bloomberg Global Aggregate TR / 5% Bloomberg Global High Yield TR / 6% S&P/LSTA Leveraged Loan / 6% HFRI RV: FI (50/50-ABS/Corp) / 6% 50% JPM EMBI/50% JPM GBI-EM / 5% Barclays Global High Yield +2% / 5% 60% MSCI ACWI/40% Barclays Global Agg / 3% 60% MSCI ACWI/40% Barclays Global Agg / 2% HFRX Absolute Return Index / 5% Natural Resources Benchmark (Linked) / 5% S&P Global Infrastructure TR USD / 12% NCREIF Property Index / 3% CPI + 5% (Seasonally Adjusted) / 2% 91 Day T-Bills			
4/1/2014	3/31/2016	15% MSCI ACWI / 15% S&P 500 + 2% / 10% Total Global Natural Resources Custom Benchmark / 15% Bloomberg Global Aggregate TR / 20% CPI + 5% (Seasonally Adjusted) / 10% CPI + 5% (Seasonally Adjusted) / 15% NCREIF Property Index			
1/1/2014	3/31/2014	15% MSCI ACWI / 15% Private Markets / 10% Total Global Natural Resources Custom Benchmark / 15% Bloomberg Global Aggregate TR / 20% CPI + 5% (Seasonally Adjusted) / 10% Infrastructure / 15% Real Estate			
DPFP Ex Debt					
6/1/1996	Present	Allocation Index Ex Debt			
Ashmore EM Bl	ended Debt				
12/1/2017	Present	50% JP Morgan EMBI Global Diversified / 25% JPM ELMI+ TR USD / 25% JP Morgan GBI EM Global Diversified TR USD			
Total Real Asse	:s				
12/31/2010	Present	50% NCREIF Property (1 Qtr Lag) / 50% NCREIF Farmland Total Return Index (1 Qtr Lag)			



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SIGNIFICANT EVENTS MAY OCCUR (OR HAVE OCCURRED) AFTER THE DATE OF THIS REPORT AND THAT IT IS NOT OUR FUNCTION OR RESPONSIBILITY TO UPDATE THIS REPORT. ANY OPINIONS OR RECOMMENDATIONS PRESENTED HEREIN REPRESENT OUR GOOD FAITH VIEWS AS OF THE DATE OF THIS REPORT AND ARE SUBJECT TO CHANGE AT ANY TIME. ALL INVESTMENTS INVOLVE RISK. THERE CAN BE NO GUARANTEE THAT THE STRATEGIES, TACTICS, AND METHODS DISCUSSED HERE WILL BE SUCCESSFUL.

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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 is 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%.

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

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: <u>Investment Terminology</u>, 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.

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