Total Fund Asset Allocation & Performance (Net of Fees) - Preliminary

Illinois Police Officers' Pension Investment Fund Period Ending: October 31, 2024

	Market Value	% of Portfolio	Target (%)	1 Mo	Fiscal YTD	YTD	1 Yr	2023	Since Inception	Inception Date
Total Fund with Member and Transition Accounts	12,650,767,354	100.0	100.0	-1.9	4.0	9.6	22.3	13.7	5.1	03/01/22
Policy Index				-2.2	4.0	9.6	22.5	14.2	5.0	
Policy Index- Broad Based				-2.6	4.1	10.5	25.2	16.8	4.8	
IPOPIF Investment Portfolio	12,650,427,356	100.0	100.0	-2.1	3.9	9.5	22.1	13.7	5.0	04/01/22
Policy Index				-2.2	4.0	9.6	22.5	14.2	5.0	
Policy Index- Broad Based				-2.6	4.1	10.5	25.2	16.8	4.8	
Growth	7,235,965,851	57.2	58.0	-2.8	3.8	12.5	29.9	19.4	6.3	04/01/22
Growth Benchmark				-3.0	4.0	12.6	30.1	19.5	6.2	
RhumbLine Russell 1000 Index	2,900,526,964	22.9	23.0	-0.7	5.3	20.3	38.0	26.5	13.9	03/15/22
Russell 1000 Index				-0.7	5.3	20.3	38.1	26.5	14.0	
RhumbLine Russell 2000 Index	612,606,937	4.8	5.0	-1.4	7.7	9.6	34.0	16.8	6.1	03/15/22
Russell 2000 Index				-1.4	7.7	9.6	34.1	16.9	6.3	
SSgA Non-US Developed Index	2,358,282,723	18.6	19.0	-5.1	2.3	7.7	24.2	18.3	7.9	03/10/22
MSCI World ex U.S. (Net)				-5.1	2.3	7.3	23.8	17.9	7.5	
International Developed Small Cap Equity	616,992,947	4.9	5.0	-3.9	3.2	6.3	24.8	12.9	1.2	04/01/22
MSCI World ex U.S. Small Cap Index (Net)				-5.7	4.1	5.2	23.6	12.6	0.5	
Acadian ACWI ex US Small-Cap Fund	317,310,307	2.5	2.5	-4.0	3.7	-	-	-	12.2	01/30/24
MSCI AC World ex USA Small Cap (Net)				-5.2	3.2	6.1	-	-	8.7	
WCM International Small Cap Growth Fund	158,143,152	1.3	1.3	-2.7	2.8	-	-	-	1.5	03/01/24
MSCI AC World ex USA Small Cap (Net)				-5.2	3.2	-	-	-	6.9	
LSV International Small Cap Value Equity Fund	141,539,488	1.1	1.3	-5.1	2.5	-	-	-	5.8	03/01/24
S&P Developed Ex-U.S. SmallCap (Net)				-5.9	2.2	-	-	-	5.4	
Emerging Market Equities	747,556,281	5.9	6.0	-3.6	0.4	8.0	20.9	9.7	1.1	04/01/22
Emerging Markets Equity Benchmark				-4.0	0.8	9.0	22.3	9.8	1.1	
SSgA Emerging Markets Equity Index	84,555,777	0.7	0.7	-4.7	3.1	10.4	23.6	9.6	2.7	03/10/22
MSCI Emerging Markets (Net)				-4.4	3.9	11.7	25.3	9.8	3.8	
SSgA Emerging Markets ex China Equity	663,000,504	5.2	5.3	-3.4	-0.5	-	-	-	5.0	05/01/24
MSCI Emerging Markets ex China (Net)				-3.9	-0.1	-	-	-	5.9	



Description		Market Value	% of Portfolio	Target (%)	1 Mo	Fiscal YTD	YTD	1 Yr	2023	Since Inception	Inception Date
SSgA High Yield Corporate Credit 909.223,802 7.2 7.0 0.5 4.8 7.6 16.7 13.8 5.0 03/18/22		2,037,418,289	16.1	16.0		4.3		17.1			04/01/22
Spliced SSgA U.S. High Yeld Index -0.6											
Emerging Market Debt	,	909,223,802	7.2	7.0							03/18/22
Emerging Markets Debt Benchmark SSgA EMD Hard Index Fund SSgA EMD Hard Index Fund SQUE SSGA EMD Hard Index Fund SQUE SSGA EMD Hard Index Fund Capital Group Emerging Markets Debt SQUE SSGA EMD Hard Index Capital Group Emerging Markets Debt SQUE MEMBI Global Div / 50 JPM GBI EM Global Div Credit Suisses Leveraged Loan Index Ares Institutional Loan Fund 117,759,287 Ares Institutional Loan Fund 117,759,287 Ares Institutional Loan Fund 117,759,287 Are Institutional Coan Fund 243,879,156 1,9 0,0 1,0 0,0 2,0 1,0 0,0 2,0 1,0 1	Spliced SSgA U.S. High Yield Index				-0.6		7.4	16.5			
SSgA EMD Hard Index Fund 573,736,810 4.5 4.5 4.5 4.6 4.5 7.0 18.5 11.2 3.5 03/14/22 Spleed SSgA EMD Hard Index 192,819,235 1.5 1.5 - - - - - - - - -	Emerging Market Debt	766,556,044	6.1	6.0	-1.6	4.6	7.0	18.5	11.2	2.4	04/01/22
Spiliced SSgA EMD Hard Index	Emerging Markets Debt Benchmark				-1.7	4.3	6.8	18.2	11.1	3.8	
Capital Group Emerging Markets Debt 50 JPM EfMBI Global Div 75 JPM GBI EM Global Div 50 JPM EfMBI Global Div 75 JPM GBI EM Global Div 60 JPM EfMBI Global Div 75 JPM GBI EM Global Div 60 JPM EfMBI Global Div 75 JPM GBI EM Global Div 60 JPM EfMBI Global Div 75 JPM GBI EM Global Div 61 Sank Loans 61 Sank Loans 61 Sank Loans 61 Sank Loans 62 JP 5.7 Ares Institutional Loan Fund 61 117,759,287 69 1.0 0.9 3.1 6.1 03/01/24 Credit Suisse Leveraged Loan Index 68 2.9 5.7 Aristotle Institutional Loan Fund 69 2.0 0.7 2.6 5.4 03/01/24 Credit Suisse Leveraged Loan Index 724,819,557 5.7 6.0 2.1 9,0 7.7 2.5 5.6 0.7 04/01/22 Real Assets Everaged Loan Index 724,819,557 5.7 6.0 2.1 9,0 7.7 2.5 5.6 0.7 04/01/22 Real Assets Benchmark 724,819,557 5.7 6.0 2.1 9,0 7.7 2.2 5.5 6.0 0.7 04/01/22 Real Assets Benchmark 724,819,557 5.7 6.0 2.1 1,1 9,0 7.7 2.2 5.5 6.0 0.7 04/01/22 Real Assets Benchmark 724,819,557 5.7 6.0 2.1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1	SSgA EMD Hard Index Fund	573,736,810	4.5	4.5	-1.6	4.5	7.0	18.5	11.2	3.5	03/14/22
Solution	Spliced SSgA EMD Hard Index				-1.7	4.3	6.8	18.2	11.1	3.6	
Bank Loans	Capital Group Emerging Markets Debt	192,819,235	1.5	1.5	-	-	-	-	-	-1.1	10/21/24
Credit Suisse Leveraged Loan Index	50 JPM EMBI Global Div / 50 JPM GBI EM Global Div				-	-	-	-	-	-1.3	
Ares Institutional Loan Fund 117,759,287 0.9 1.0 0.9 3.1 - - 6.1 03/01/24 Credit Suisse Leveraged Loan Index 0.8 2.9 - - 5.7 5.7 Aristotile Institutional Loan Fund 243,879,156 1.9 2.0 0.7 2.6 - - 5.4 03/01/24 Credit Suisse Leveraged Loan Index 724,819,557 5.7 6.0 -2.1 9.0 7.7 22.5 5.6 0.7 04/01/22 Real Assets Enchmark 724,819,557 5.7 6.0 -2.1 9.0 7.7 22.5 5.6 0.7 04/01/22 Real Assets Benchmark 512,474,675 4.1 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index 1.7 2.0 0.4 0.3 2.6 5.5 -10.7 6.4 04/06/22 Risk Mitigation 2.0 2.2 0.4 0.3 3.7 7.1 <	Bank Loans	361,638,443	2.9	3.0	0.7	2.8				5.6	03/01/24
Credit Suisse Leveraged Loan Index 0.8 2.9 - - 5.7 Aristotle Institutional Loan Fund 243,879,156 1.9 2.0 0.7 2.6 - - 5.4 03/01/24 Credit Suisse Leveraged Loan Index 724,319,557 5.7 6.0 -2.1 9.0 7.7 22.5 5.6 0.7 04/01/22 Real Assets 724,319,557 5.7 6.0 -2.1 9.0 7.7 22.5 5.6 0.7 04/01/22 Real Assets Benchmark -2.0 8.0 6.6 19.9 4.7 -2.5 SSgA REITs Index 512,474,675 4.1 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index -1.0 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index 2.16,348,82 1.7 2.0 0.4 0.3 -6.5 -5.5 -10.7 -6.4 <th< td=""><td>Credit Suisse Leveraged Loan Index</td><td></td><td></td><td></td><td>0.8</td><td>2.9</td><td>-</td><td>-</td><td>-</td><td>5.7</td><td></td></th<>	Credit Suisse Leveraged Loan Index				0.8	2.9	-	-	-	5.7	
Aristotle Institutional Loan Fund Credit Suisse Leveraged Loan Index Real Assets 724,819,557 Real Assets 724,819,557 Real Assets Benchmark	Ares Institutional Loan Fund	117,759,287	0.9	1.0	0.9	3.1	-	-	-	6.1	03/01/24
Credit Suisse Leveraged Loan Index 0.8 2.9 - 5.7	Credit Suisse Leveraged Loan Index				0.8	2.9	-	-	-	5.7	
Real Assets 724,819,557 5.7 6.0 -2.1 9.0 7.7 22.5 5.6 0.7 04/01/22 Real Assets Benchmark -2.0 8.0 6.6 19.9 4.7 -2.5 SSgA REITs Index 512,474,675 4.1 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index -3.1 11.9 11.3 35.7 14.0 1.0 Principal USPA 212,344,882 1.7 2.0 0.4 0.3 -2.6 -5.5 -10.7 -6.4 04/06/22 Risk Mitigation 2,651,852,296 21.0 20.0 -1.0 2.3 3.7 7.1 5.0 2.3 04/01/22 Risk Mitigation Benchmark	Aristotle Institutional Loan Fund	243,879,156	1.9	2.0	0.7	2.6	-	-	-	5.4	03/01/24
Real Assets Benchmark -2.0 8.0 6.6 19.9 4.7 -2.5 SSgA REITs Index 512,474,675 4.1 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index -3.1 11.9 11.3 35.7 14.0 1.0 Principal USPA 212,344,882 1.7 2.0 0.4 0.3 -2.6 -5.5 -10.7 -6.4 04/06/22 Risk Mitigation 2,651,852,296 21.0 20.0 -1.0 2.3 3.7 7.0 4.9 2.2 Risk Mitigation Benchmark -1.0 2.3 3.7 7.0 4.9 2.2 SSQA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 Blmbg. U.S. Treasury Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index 1,284,176,730 <	Credit Suisse Leveraged Loan Index				0.8	2.9	-	-	-	5.7	
SSgA REITs Index 512,474,675 4.1 4.0 -3.1 11.9 11.3 35.6 13.9 0.9 03/16/22 Dow Jones U.S. Select REIT Total Return Index -3.1 11.9 11.3 35.7 14.0 1.0 Principal USPA 212,344,882 1.7 2.0 0.4 0.3 -2.6 -5.5 -10.7 -6.4 04/06/22 Risk Mitigation 2,651,852,296 21.0 20.0 -1.0 2.3 3.7 7.1 5.0 2.3 04/01/22 Risk Mitigation Benchmark -1.0 2.3 3.7 7.0 4.9 2.2 SSgA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 Blimbg, U.S. Treasury Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blimbg, U.S. Aggregate Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 <td>Real Assets</td> <td>724,819,557</td> <td>5.7</td> <td>6.0</td> <td>-2.1</td> <td>9.0</td> <td>7.7</td> <td>22.5</td> <td>5.6</td> <td>0.7</td> <td>04/01/22</td>	Real Assets	724,819,557	5.7	6.0	-2.1	9.0	7.7	22.5	5.6	0.7	04/01/22
Dow Jones U.S. Select REIT Total Return Index -3.1 11.9 11.3 35.7 14.0 1.0	Real Assets Benchmark				-2.0	8.0	6.6	19.9	4.7	-2.5	
Principal USPA 212,344,882 1.7 2.0 0.4 0.3 -2.6 -5.5 -10.7 -6.4 04/06/22 Risk Mitigation 2,651,852,296 21.0 20.0 -1.0 2.3 3.7 7.1 5.0 2.3 04/01/22 Risk Mitigation Benchmark -1.0 2.3 3.7 7.0 4.9 2.2 SSgA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 Blmbg. U.S. Treasury Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index 386,543,572 3.1 3.0 -0.4	SSgA REITs Index	512,474,675	4.1	4.0	-3.1	11.9	11.3	35.6	13.9	0.9	03/16/22
Risk Mitigation 2,651,852,296 21.0 20.0 -1.0 2.3 3.7 7.1 5.0 2.3 04/01/22 Risk Mitigation Benchmark -1.0 2.3 3.7 7.0 4.9 2.2 SSgA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 Blmbg. U.S. Treasury Index 382,022,495 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 SSgA Core Fixed Income Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index -2.5 2.6 2.0 10.5 5.5 -0.4 SSgA Short-Term Gov't/Credit Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8	Dow Jones U.S. Select REIT Total Return Index				-3.1	11.9	11.3	35.7	14.0	1.0	
Risk Mitigation Benchmark -1.0 2.3 3.7 7.0 4.9 2.2 SSgA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - - 4.8 05/01/24 Blmbg. U.S. Treasury Index -2.4 2.2 - - - 4.8 05/01/24 SSgA Core Fixed Income Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index -2.5 2.6 1.9 10.5 5.5 -0.4 SSgA Short-Term Gov't/Credit Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index -0.6 2.4 3.8 6.2 4.6 2.5 SSgA US TIPS Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Bimbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 2.1 2.4 </td <td>Principal USPA</td> <td>212,344,882</td> <td>1.7</td> <td>2.0</td> <td>0.4</td> <td>0.3</td> <td>-2.6</td> <td>-5.5</td> <td>-10.7</td> <td>-6.4</td> <td>04/06/22</td>	Principal USPA	212,344,882	1.7	2.0	0.4	0.3	-2.6	-5.5	-10.7	-6.4	04/06/22
SSgA US Treasury Index 381,632,576 3.0 3.0 -2.4 2.2 - - 4.8 05/01/24 Blmbg. U.S. Treasury Index -2.4 2.2 - - - 4.8 05/01/24 SSgA Core Fixed Income Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index -2.5 2.6 1.9 10.5 5.5 -0.4 SSgA Short-Term Gov't/Credit Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Blmbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasu	Risk Mitigation	2,651,852,296	21.0	20.0	-1.0	2.3	3.7	7.1	5.0	2.3	04/01/22
Second S	Risk Mitigation Benchmark				-1.0	2.3	3.7	7.0	4.9	2.2	
SSgA Core Fixed Income Index 382,022,495 3.0 3.0 -2.5 2.6 2.0 10.6 5.6 -0.4 03/17/22 Blmbg. U.S. Aggregate Index -2.5 2.6 1.9 10.5 5.5 -0.4 SSgA Short-Term Gov't/Credit Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index -0.6 2.4 3.8 6.2 4.6 2.5 SSgA US TIPS Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Blmbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - Member Accounts 32,085 0.0 -	SSgA US Treasury Index	381,632,576	3.0	3.0	-2.4	2.2	-	-	-	4.8	05/01/24
Blmbg. U.S. Aggregate Index -2.5 2.6 1.9 10.5 5.5 -0.4	Blmbg. U.S. Treasury Index				-2.4	2.2	-	-	-	4.8	
SSgA Short-Term Gov't/Credit Index 1,284,176,730 10.2 10.0 -0.6 2.4 3.8 6.3 4.6 2.5 03/17/22 Bloomberg U.S. Gov/Credit 1-3 Year Index -0.6 2.4 3.8 6.2 4.6 2.5 SSgA US TIPS Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Blmbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - Member Accounts 32,085 0.0 -	SSgA Core Fixed Income Index	382,022,495	3.0	3.0	-2.5	2.6	2.0	10.6	5.6	-0.4	03/17/22
Bloomberg U.S. Gov/Credit 1-3 Year Index SSgA US TIPS Index Blmbg. U.S. TIPS 0-5 Year Cash 90 Day U.S. Treasury Bill IPOPIF Pool Fixed Income Transition 371,362 32,085 0.0 -0.6 2.4 3.8 6.2 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 2.5 4.6 4.6 1.9 4.7 4.3 5.2 5.0 3.9 03/22/22 6.4 6.7 4.6 1.8 6.7 4.6 1.8 6.7 4.6 6.7 4.	Blmbg. U.S. Aggregate Index				-2.5	2.6	1.9	10.5	5.5	-0.4	
SSgA US TIPS Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Blmbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - Member Accounts 32,085 0.0 -	SSgA Short-Term Gov't/Credit Index	1,284,176,730	10.2	10.0	-0.6	2.4	3.8	6.3	4.6	2.5	03/17/22
SSgA US TIPS Index 386,543,572 3.1 3.0 -0.4 2.1 4.4 6.7 4.6 1.8 03/17/22 Blmbg. U.S. TIPS 0-5 Year -0.4 2.0 4.3 6.6 4.6 1.9 Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - Member Accounts 32,085 0.0 -	Bloomberg U.S. Gov/Credit 1-3 Year Index				-0.6	2.4	3.8	6.2	4.6	2.5	
Cash 217,476,923 1.7 1.0 0.4 1.7 4.3 5.2 5.0 3.9 03/22/22 90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - - - Member Accounts 32,085 0.0 - - - -	SSgA US TIPS Index	386,543,572	3.1	3.0	-0.4	2.1	4.4	6.7	4.6	1.8	03/17/22
90 Day U.S. Treasury Bill 0.4 1.8 4.4 5.4 5.0 4.2 IPOPIF Pool Fixed Income Transition 371,362 0.0 - Member Accounts 32,085 0.0 -	Blmbg. U.S. TIPS 0-5 Year				-0.4	2.0	4.3	6.6	4.6	1.9	
IPOPIF Pool Fixed Income Transition371,3620.0-Member Accounts32,0850.0-	Cash	217,476,923	1.7	1.0	0.4	1.7	4.3	5.2	5.0	3.9	03/22/22
Member Accounts 32,085 0.0 -	90 Day U.S. Treasury Bill				0.4	1.8	4.4	5.4	5.0	4.2	
	IPOPIF Pool Fixed Income Transition	371,362	0.0	-							
	Member Accounts	32,085	0.0	-							
11anoutum 700,310 0.0 -	Transition Account	307,913	0.0	_							

The Principal USPA Real Estate Fund is benchmarked against the NCREIF ODCE index on a quarterly basis and against itself for the purpose of monthly flash reports due to quarterly index data availability.





Performance Return Calculations

Performance is calculated using Time Weighted Rates of Return (TWRR) methodologies. Monthly returns are geometrically linked and annualized for periods longer than one year.

Data Source

Verus is an independent third party consulting firm and calculates returns from best source book of record data. Returns calculated by Verus may deviate from those shown by the manager in part, but not limited to, differences in prices and market values reported by the custodian and manager, as well as significant cash flows into or out of an account. It is the responsibility of the manager and custodian to provide insight into the pricing methodologies and any difference in valuation.

Manager Line Up					
<u>Manager</u>	Inception Date	Data Source	<u>Manager</u>	Inception Date	Data Source
RhumbLine Russell 1000 Index Fund	3/15/2022	State Street	SSgA EMD Hard Index Fund	3/14/2022	State Street
RhumbLine Russell 2000 Index Fund	3/15/2022	State Street	Capital Group Emerging Markets Debt Fund	10/21/2024	State Street
SSgA Non-US Developed Index Fund	3/10/2022	State Street	Ares Institutional Loan Fund	3/1/2024	Ares
SSgA Non-US Developed SC Index Fund	3/10/2022	State Street	Aristotle Institutional Loan Fund	3/1/2024	Aristotle
Acadian ACWI ex US Small-Cap Fund	1/30/2024	State Street	Principal USPA	4/6/2022	State Street
WCM International Small Cap Growth Fund	3/1/2024	WCM	SSgA REITs Index Fund	3/10/2022	State Street
LSV International Small Cap Value Equity Fund	3/1/2024	LSV	SSgA US Treasury Index Fund	5/1/2024	State Street
SSgA Emerging Markets Equity Index Fund	3/1/2022	State Street	SSgA Core Fixed Income Index Fund	3/17/2022	State Street
SSGA Emerging Markets ex China Equity Index Fund	5/1/2024	State Street	SSgA Short-Term Gov't/Credit Index Fund	3/17/2022	State Street
SSgA High Yield Corporate Credit	3/18/2022	State Street	SSgA US TIPS Index Fund	3/17/2022	State Street
			Cash	3/22/2022	State Street

Custom Benchmark Composition		
Benchmark Policy Index -Broad Benchmark	Time period 4/1/2022 - Present	Composition 70% MSCI ACWI IMI (Net) and 30% Bloomberg Global Multiverse.
•	4/ 1/2022 - F165611t	
Spliced SSgA EMD Hard Benchmark Spliced SSgA EMD Hard Benchmark	7/1/2023 - Present 3/14/2022 - 6/30/2022	100% JPM EMBI Global Diversified Index 100% JPM EMBI Global Core Index
Spliced SSgA U.S. High Yield Index	12/1/2022 - Present	100% ICE BofA US High yield Master II Constrained
Spliced SSgA U.S. High Yield Index	4/1/2022 - 11/30/2022	100% Bloomberg U.S. High Yield Very Liquid Index





Total Fund Data Sources and Methodology Page

Policy Index Composition											
Tolicy index Composition							Policy				Risk
As of 10/1/2024	Policy Index	Growth	Income	Real Assets	Risk Mitigation	As of 9/1/2024	Index	Growth	Income	Real Assets	Mitigation
Russell 1000	23%	39.7%				Russell 1000	23%	39.7%			
Russell 2000	5%	8.6%				Russell 2000	5%	8.6%			
MSCI World ex U.S.	19%	32.8%				MSCI World ex U.S.	19%	32.8%			
MSCI World ex U.S. Small Cap	5%	8.6%				MSCI World ex U.S. Small Cap	5%	8.6%			
MSCI Emerging Markets	0.8%	1.4%				MSCI Emerging Markets	2%	2.6%			
MSCI Emerging Markets ex China	5.2%	9.0%				MSCI Emerging Markets ex China	5%	7.8%			
Bloomberg US Corporate High Yield Index	7%		43.8%			Bloomberg US Corporate High Yield Index	7%		43.8%		
JPM EMBI Global Diversified Index	6%		37.5%			JPM EMBI Global Diversified Index	6%		37.5%		
Credit Suisse Leveraged Loan Index	3%		18.8%			Credit Suisse Leveraged Loan Index	3%		18.8%		
NFI-ODCE Equal-Weighted Index	2%		10.070	33.3%		NFI-ODCE Equal-Weighted Index	2%		10.070	33.3%	
Dow Jones US Select REIT Index	4%			66.7%		Dow Jones US Select REIT Index	4%			66.7%	
Bloomberg US Aggregate Index	3%			00.770	15.0%	Bloomberg US Aggregate Index	3%			00.7 70	15.0%
Bloomberg US Treasury Index	2%				10.0%	Bloomberg US Treasury Index	2%				10.09
	11%						11%				
Bloomberg 1-3 Year Gov/Credit Index					55.0%	Bloomberg 1-3 Year Gov/Credit Index	3%				55.0% 15.0%
Bloomberg US TIPS 0-5 Year	3%				15.0%	Bloomberg US TIPS 0-5 Year					
90 Day US Treasury Bill Index	1%				5.0%	90 Day US Treasury Bill Index	1%				5.0%
							Policy				Risk
As of 8/1/2024	Policy Index	Growth	Income	Real Assets	Risk Mitigation	As of 7/1/2024	<u>Index</u>	Growth	<u>Income</u>	Real Assets	Mitigat
Russell 1000	23%	39.7%				Russell 1000	23%	39.7%			
Russell 2000	5%	8.6%				Russell 2000	5%	8.6%			
MSCI World ex U.S.	19%	32.8%				MSCI World ex U.S.	19%	32.8%			
MSCI World ex U.S. Small Cap	5%	8.6%				MSCI World ex U.S. Small Cap	5%	8.6%			
MSCI Emerging Markets	2%	3.4%				MSCI Emerging Markets	3%	5.2%			
MSCI Emerging Markets ex China	4%	6.9%				MSCI Emerging Markets ex China	3%	5.2%			
Bloomberg US Corporate High Yield Index	7%	0.070	43.8%			Bloomberg US Corporate High Yield Index	7%	0.270	43.8%		
IPM EMBI Global Diversified Index	6%		37.5%			JPM EMBI Global Diversified Index	6%		37.5%		
Credit Suisse Leveraged Loan Index	3%		18.8%			Credit Suisse Leveraged Loan Index	3%		18.8%		
NFI-ODCE Equal-Weighted Index	2%		10.070	33.3%		NFI-ODCE Equal-Weighted Index	2%		10.070	33.3%	
Dow Jones US Select REIT Index	4%			66.7%		Dow Jones US Select REIT Index	4%			66.7%	
				00.7%	45.00/					00.7%	45.0
Bloomberg US Aggregate Index	3%				15.0%	Bloomberg US Aggregate Index	3%				15.0
Bloomberg US Treasury Index	2%				10.0%	Bloomberg US Treasury Index	1%				5.09
Bloomberg 1-3 Year Gov/Credit Index	11%				55.0%	Bloomberg 1-3 Year Gov/Credit Index	12%				60.0
Bloomberg US TIPS 0-5 Year	3%				15.0%	Bloomberg US TIPS 0-5 Year	3%				15.0°
90 Day US Treasury Bill Index	1%				5.0%	90 Day US Treasury Bill Index	1%				5.0%
							Policy				Risk
As of 6/1/2024	Policy Index	Growth	Income	Real Assets	Risk Mitigation	As of 5/1/2024	Index	Growth	Income	Real Assets	Mitigat
Russell 1000	23%	39.7%				Russell 1000	23%	39.7%			
Russell 2000	5%	8.6%				Russell 2000	5%	8.6%			
MSCI World ex U.S.	19%	32.8%				MSCI World ex U.S.	19%	32.8%			
MSCI World ex U.S. Small Cap	5%	8.6%				MSCI World ex U.S. Small Cap	5%	8.6%			
MSCI Emerging Markets	4%	6.9%				MSCI Emerging Markets	5%	8.6%			
MSCI Emerging Markets ex China	2%	3.4%				MSCI Emerging Markets ex China	1%	1.7%			
	2% 7%	3.470	43.8%			Bloomberg US Corporate High Yield Index	7%	1.770	43.8%		
	7% 6%										
			37.5%			JPM EMBI Global Diversified Index	6% 3%		37.5% 18.8%		
IPM EMBI Global Diversified Index			40.00/				3%				
IPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index	3%		18.8%			Credit Suisse Leveraged Loan Index			10.0%		
IPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index NFI-ODCE Equal-Weighted Index	3% 2%		18.8%	33.3%		NFI-ODCE Equal-Weighted Index	2%		10.0%	33.3%	
PM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index IFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index	3% 2% 4%		18.8%	33.3% 66.7%		NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index	2% 4%		10.0%	33.3% 66.7%	
JPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index	3% 2% 4% 3%		18.8%		15.0%	NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index	2% 4% 3%		16.6%		
IPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index	3% 2% 4% 3% 2%		18.8%		15.0% 10.0%	NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index Bloomberg US Treasury Index	2% 4% 3% 1%		10.0%		
JPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index Bloomberg US Treasury Index	3% 2% 4% 3%		18.8%			NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index	2% 4% 3%		10.0%		5.09
Bloomberg US Corporate High Yield Index JPM EMBI Global Diversified Index Credit Suisse Leveraged Loan Index NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index Bloomberg US Treasury Index Bloomberg 1-3 Year Gov/Credit Index Bloomberg US TIPS 0-5 Year	3% 2% 4% 3% 2%		18.8%		10.0%	NFI-ODCE Equal-Weighted Index Dow Jones US Select REIT Index Bloomberg US Aggregate Index Bloomberg US Treasury Index	2% 4% 3% 1%		10.0%		15.0° 5.0% 60.0° 15.0°





Total Fund Data Sources and Methodology Page

Policy Index Composition											
	Dell'errite de la	0		D1 44-	Distribution	A 5.0(4)0004	Policy	0		D1 44-	Risk
As of 4/1/2024	Policy Index 23%	<u>Growth</u> 39.7%	Income	Real Assets	Risk Mitigation	As of 3/1/2024	Index 23%	<u>Growth</u> 39.7%	Income	Real Assets	Mitigation
Russell 1000						Russell 1000					
Russell 2000	5%	8.6%				Russell 2000	5%	8.6%			
MSCI World ex U.S.	19%	32.8%				MSCI World ex U.S.	18%	31.0%			
MSCI World ex U.S. Small Cap	5%	8.6%				MSCI World ex U.S. Small Cap	5%	8.6%			
MSCI Emerging Markets	6%	10.3%				MSCI Emerging Markets	7%	12.1%			
Bloomberg US Corporate High Yield Index	7%		43.8%			Bloomberg US Corporate High Yield Index	8.5%		53.1%		
JPM EMBI Global Diversified Index	6%		37.5%			JPM EMBI Global Diversified Index	6%		37.5%		
Credit Suisse Leveraged Loan Index	3%		18.8%			Credit Suisse Leveraged Loan Index	1.5%		9.4%		
NFI-ODCE Equal-Weighted Index	2%			33.3%		NFI-ODCE Equal-Weighted Index	2%			33.3%	
Dow Jones US Select REIT Index	4%			66.7%		Dow Jones US Select REIT Index	4%			66.7%	
Bloomberg US Aggregate Index	3%				15.0%	Bloomberg US Aggregate Index	3%				15.0%
Bloomberg 1-3 Year Gov/Credit Index	13%				65.0%	Bloomberg 1-3 Year Gov/Credit Index	13%				65.0%
Bloomberg US TIPS 0-5 Year	3%				15.0%	Bloomberg US TIPS 0-5 Year	3%				15.0%
90 Day US Treasury Bill Index	1%				5.0%	90 Day US Treasury Bill Index	1%				5.0%
							Policy				Risk
As of 5/1/2023	Policy Index	Growth	Income	Real Assets	Risk Mitigation	As of 1/1/2023	<u>Index</u>	Growth	Income	Real Assets	Mitigation
Russell 1000	23%	39.7%				Russell 1000	18%	36.0%			
Russell 2000	5%	8.6%				Russell 2000	5%	10.0%			
MSCI World ex U.S.	18%	31.0%				MSCI World ex U.S.	15%	30.0%			
MSCI World ex U.S. Small Cap	5%	8.6%				MSCI World ex U.S. Small Cap	5%	10.0%			
MSCI Emerging Markets	7%	12.1%				MSCI Emerging Markets	7%	14.0%			
Bloomberg US Corporate High Yield Index	10%		62.5%			Bloomberg US Corporate High Yield Index	10%		62.5%		
JPM EMBI Global Diversified Index	6%		37.5%			JPM EMBI Global Diversified Index	6%		37.5%		
NFI-ODCE Equal-Weighted Index	2%			33.3%		NFI-ODCE Equal-Weighted Index	2%			33.3%	
Dow Jones US Select REIT Index	4%			66.7%		Dow Jones US Select REIT Index	4%			66.7%	
Bloomberg US Aggregate Index	3%				15.0%	Bloomberg US Aggregate Index	7%				25.0%
Bloomberg 1-3 Year Gov/Credit Index	13%				65.0%	Bloomberg 1-3 Year Gov/Credit Index	15%				53.6%
Bloomberg US TIPS 0-5 Year	3%				15.0%	Bloomberg US TIPS 0-5 Year	3%				10.7%
5.5555.g 55 5 5 6 10di	370				.0.070	5.5555.g 55 5 5 6 Total	370				70

90 Day US Treasury Bill Index

As of 3/31/2022	Policy Index	Growth	Income	Real Assets	Risk Mitigation
Russell 3000	23%	46.0%			
MSCI ACWI ex USA IMI	20%	40.0%			
MSCI Emerging Markets IMI	7%	14.0%			
Bloomberg US Corporate High Yield Index	10%		62.5%		
50% JPM EMBI GD/50% JPM GBI EM GD	6%		37.5%		
NCREIF Property Index	2%			66.7%	
Dow Jones US Select REIT Index	4%			33.3%	
Bloomberg US Aggregate Index	7%				25.0%
Bloomberg 1-3 Year Gov/Credit Index	15%				53.6%
Bloomberg US TIPS 0-5 Year	3%				10.7%
90 Day US Treasury Bill Index	3%				10.7%





90 Day US Treasury Bill Index

Disclosure

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