



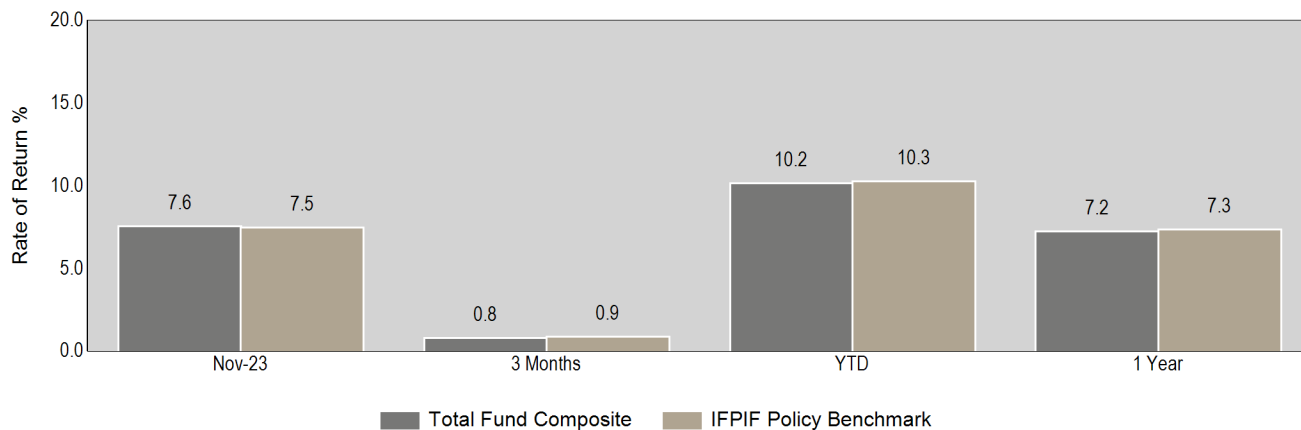
Illinois Firefighters' Pension Investment Fund

Monthly Summary

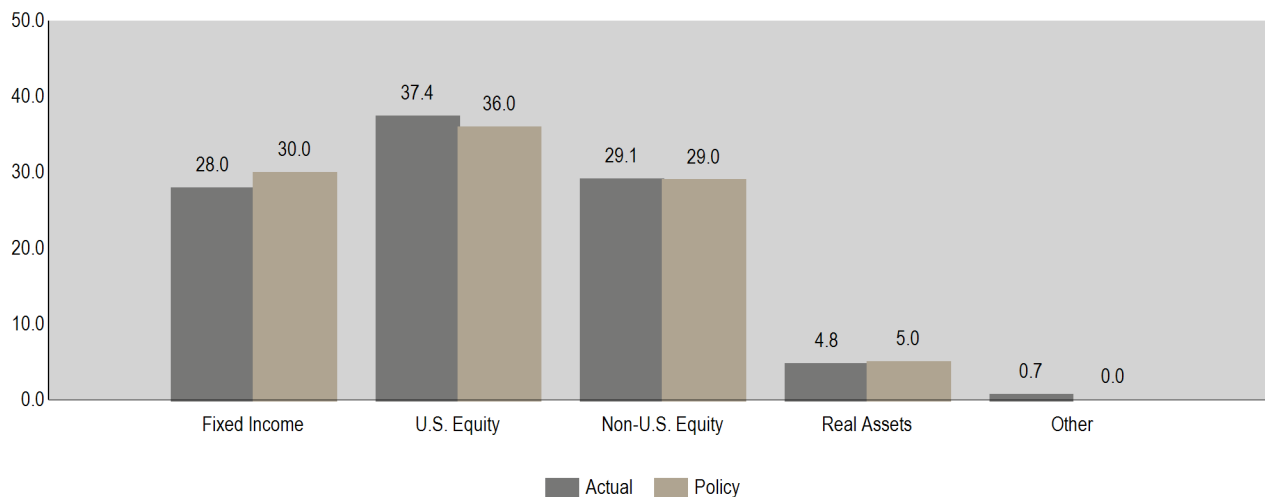
November 30, 2023

* Preliminary, subject to change

Return Summary
Ending November 30, 2023



Actual vs Target Allocation (%)



Return Summary - 1 Month

	Total Return
Total Fund Composite	7.6%
IFPIF Policy Benchmark	7.5%
Total Fund Composite excl. Member Funds	7.6%
IFPIF Policy Benchmark	7.5%
U.S. Equity Composite	9.2%
Russell 3000	9.3%
Non-U.S. Equity Composite	9.0%
MSCI ACWI ex USA IMI	9.1%
Total Fixed Income Composite	4.9%
Bloomberg US Universal TR	4.5%
Total Real Estate Composite	3.5%
Real Estate Custom Benchmark	4.2%

Total Fund Composite

Asset Allocation

Market Value: \$8,014.5 Million and 100.0% of Fund

Ending November 30, 2023

	Asset Class	Market Value	% of Portfolio	Policy %
Total Fund Composite		\$8,014,473,930	100.0%	100.0%
Total Fund Composite excl. Member Funds		\$8,014,473,929	100.0%	100.0%
Total Equity Composite		\$5,333,421,398	66.5%	65.0%
U.S. Equity Composite		\$2,999,821,128	37.4%	36.0%
Rhumblin Russell 200	Large-Cap Core	\$2,154,831,724	26.9%	25.0%
Rhumblin Russell Midcap	Mid-Cap Core	\$696,893,689	8.7%	9.0%
Rhumblin S&P 600	Small-Cap Core	\$148,095,715	1.8%	2.0%
Non-U.S. Equity Composite		\$2,333,600,269	29.1%	29.0%
International Developed Equity Composite		\$1,548,670,937	19.3%	19.0%
SSGA World ex US	Non-U.S. Large-Cap Core	\$1,325,005,438	16.5%	16.0%
SSGA World ex US Small	Non-U.S. Small-Cap Core	\$223,665,499	2.8%	3.0%
Emerging Markets Equity Composite		\$784,929,332	9.8%	10.0%
SSGA MSCI EM	Emerging Markets	\$617,719,157	7.7%	8.0%
SSGA EM Small	EM Small-Cap	\$167,210,176	2.1%	2.0%
Total Fixed Income Composite		\$2,241,061,107	28.0%	30.0%
Rate Sensitive Composite		\$2,006,893,272	25.0%	27.0%
Short-Term Treasury Composite		\$224,173,610	2.8%	3.0%
SSGA Short Treasury	Short-Term Govt. Fixed Income	\$224,173,610	2.8%	3.0%
Core Fixed Income Composite		\$1,782,719,662	22.2%	24.0%
Garcia Hamilton & Associates	Core Fixed Income	\$876,870,234	10.9%	12.0%
Brown Brothers Harriman & Co	Core Plus Fixed Income	\$905,849,428	11.3%	12.0%
Credit Fixed Income Composite		\$234,167,835	2.9%	3.0%
Emerging Markets Debt Composite		\$234,167,835	2.9%	3.0%
SSGA EM Global Diversified	EM Fixed Income	\$234,167,835	2.9%	3.0%
Total Real Estate Composite		\$381,242,614	4.8%	5.0%
Core Real Estate Composite		\$381,242,614	4.8%	5.0%
Public Real Estate Composite		\$161,334,072	2.0%	2.0%
SSGA FTSE NAREIT	U.S. REIT	\$161,334,072	2.0%	2.0%
Private Real Estate Composite		\$219,908,542	2.7%	3.0%
Principal USPA Fund	Core Real Estate	\$219,908,542	2.7%	3.0%
Cash Composite		\$58,699,200	0.7%	0.0%
Transition Composite		\$49,611	0.0%	0.0%
Member Funds Composite		\$0	0.0%	0.0%

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$8,014.5 Million and 100.0% of Fund

Ending November 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Total Fund Composite	7.6	0.8	10.2	7.2	--	--	--	-1.4	Oct-21
<i>IFPIF Policy Benchmark</i>	7.5	0.9	10.3	7.3	3.0	6.7	6.2	-1.1	Oct-21
Total Fund Composite excl. Member Funds	7.6	0.8	10.2	7.2	--	--	--	-2.2	Oct-21
<i>IFPIF Policy Benchmark</i>	7.5	0.9	10.3	7.3	3.0	6.7	6.2	-2.6	Oct-21
Total Equity Composite	9.1	1.2	15.2	11.0	--	--	--	-2.0	Oct-21
<i>MSCI ACWI IMI Net USD</i>	9.2	1.2	15.5	11.1	5.4	8.7	7.4	-2.2	Oct-21
U.S. Equity Composite	9.2	1.4	19.4	12.4	--	--	--	-0.3	Oct-21
<i>Russell 3000</i>	9.3	1.4	19.6	12.6	8.3	11.8	11.2	-0.5	Oct-21
Rhumblin Russell 200	9.0	2.4	24.7	17.3	--	--	--	1.6	Oct-21
<i>Russell Top 200</i>	9.1	2.4	24.8	17.3	10.0	13.5	12.5	1.7	Oct-21
Rhumblin Russell Midcap	10.2	-0.5	8.8	2.9	--	--	--	-4.8	Oct-21
<i>Russell MidCap</i>	10.2	-0.5	8.8	2.9	4.9	8.7	8.9	-4.7	Oct-21
Rhumblin S&P 600	8.3	-4.1	2.9	-4.0	--	--	--	-5.9	Oct-21
<i>S&P 600 SmallCap</i>	8.3	-4.1	2.9	-4.0	5.8	5.6	7.5	-5.9	Oct-21
Non-U.S. Equity Composite	9.0	1.0	10.1	9.1	--	--	--	-4.1	Oct-21
<i>MSCI ACWI ex USA IMI</i>	9.1	1.0	9.9	9.2	1.7	5.1	3.5	-4.4	Oct-21
International Developed Equity Composite	9.4	0.9	11.2	10.8	--	--	--	-2.7	Oct-21
<i>MSCI World ex USA IMI NR USD</i>	9.4	0.9	10.9	10.5	3.5	5.9	3.9	-3.0	Oct-21
SSGA World ex US	9.4	1.3	12.2	11.7	--	--	--	-1.6	Oct-21
<i>MSCI World ex USA</i>	9.4	1.2	11.8	11.3	4.1	6.2	3.9	-1.9	Oct-21
SSGA World ex US Small	9.6	-1.3	5.5	6.2	--	--	--	-8.6	Oct-21
<i>MSCI World ex USA Small Cap</i>	9.7	-1.4	5.1	5.7	-0.3	4.2	4.1	-9.0	Oct-21
Emerging Markets Equity Composite	8.2	1.3	8.1	5.9	--	--	--	-7.2	Oct-21
<i>MSCI Emerging Markets IMI</i>	8.2	1.2	7.4	5.9	-2.7	3.1	2.5	-7.8	Oct-21
SSGA MSCI EM	7.8	1.1	5.6	3.1	--	--	--	-8.9	Oct-21
<i>MSCI Emerging Markets</i>	8.0	1.1	5.7	4.2	-4.0	2.3	2.1	-8.8	Oct-21
SSGA EM Small	9.5	2.1	18.4	17.2	--	--	--	-0.9	Oct-21
<i>MSCI Emerging Markets Small Cap</i>	9.6	2.2	18.7	17.4	7.6	8.6	4.8	-0.8	Oct-21
Total Fixed Income Composite	4.9	0.4	2.2	1.8	--	--	--	-4.8	Oct-21
<i>Bloomberg US Universal TR</i>	4.5	0.5	2.3	1.9	-4.1	1.0	1.7	-5.4	Oct-21
Rate Sensitive Composite	4.8	0.3	1.8	1.3	--	--	--	-4.6	Oct-21
<i>Bloomberg US Aggregate TR</i>	4.5	0.3	1.6	1.2	-4.5	0.7	1.4	-5.7	Oct-21
Short-Term Treasury Composite	1.0	1.3	--	--	--	--	--	1.5	Mar-23
<i>Bloomberg US Treasury 1-3 Yr TR</i>	1.0	1.4	3.1	3.3	-0.5	1.2	0.9	1.5	Mar-23
SSGA Short Treasury	1.0	1.3	--	--	--	--	--	1.5	Mar-23
<i>Bloomberg US Treasury 1-3 Yr TR</i>	1.0	1.4	3.1	3.3	-0.5	1.2	0.9	1.5	Mar-23

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$8,014.5 Million and 100.0% of Fund

Ending November 30, 2023

	1 Mo	3 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception Date
Core Fixed Income Composite	5.3	0.1	1.5	0.9	--	--	--	-5.4	Oct-21
<i>Bloomberg US Aggregate TR</i>	4.5	0.3	1.6	1.2	-4.5	0.7	1.4	-5.7	Oct-21
Garcia Hamilton & Associates	5.5	-0.7	--	--	--	--	--	-3.3	Mar-23
<i>Bloomberg US Aggregate TR</i>	4.5	0.3	1.6	1.2	-4.5	0.7	1.4	-1.3	Mar-23
Brown Brothers Harriman & Co	5.1	1.0	--	--	--	--	--	1.0	Mar-23
<i>Bloomberg US Aggregate TR</i>	4.5	0.3	1.6	1.2	-4.5	0.7	1.4	-1.3	Mar-23
Credit Fixed Income Composite	5.6	1.5	5.6	6.0	--	--	--	-6.3	Oct-21
<i>JP Morgan EMBI Global Diversified</i>	5.7	1.5	6.1	6.4	-4.4	1.0	2.8	-6.6	Oct-21
Emerging Markets Debt Composite	5.6	1.5	5.6	6.0	--	--	--	-6.3	Oct-21
<i>JP Morgan EMBI Global Diversified</i>	5.7	1.5	6.1	6.4	-4.4	1.0	2.8	-6.6	Oct-21
SSGA EM Global Diversified	5.6	1.5	5.6	6.0	--	--	--	-6.3	Oct-21
<i>JP Morgan EMBI Global Diversified</i>	5.7	1.5	6.1	6.4	-4.4	1.0	2.8	-6.6	Oct-21
Total Real Estate Composite	3.5	-2.3	-4.6	-7.9	--	--	--	-1.7	Oct-21
<i>Real Estate Custom Benchmark</i>	4.2	-1.7	-3.4	-8.3	6.6	5.2	7.6	-1.0	Oct-21
Core Real Estate Composite	3.5	-2.3	-4.6	-7.9	--	--	--	-1.7	Oct-21
<i>Real Estate Custom Benchmark</i>	4.2	-1.7	-3.4	-8.3	6.6	5.2	7.6	-1.0	Oct-21
Public Real Estate Composite	10.6	-1.5	3.5	-1.8	--	--	--	-7.7	Oct-21
<i>FTSE NAREIT Equity REIT</i>	10.6	-1.5	3.5	-1.9	5.0	3.6	6.7	-7.7	Oct-21
SSGA FTSE NAREIT	10.6	-1.5	3.5	-1.8	--	--	--	-7.7	Oct-21
<i>FTSE NAREIT Equity REIT</i>	10.6	-1.5	3.5	-1.9	5.0	3.6	6.7	-7.7	Oct-21
Private Real Estate Composite	-1.1	-2.9	-8.9	-11.5	--	--	--	2.0	Oct-21
<i>NFI-ODCE Equal Weighted</i>	0.0	-2.1	-8.4	-13.1	6.7	5.2	7.5	2.6	Oct-21
Principal USPA Fund	-1.1	-2.9	-8.9	-11.5	--	--	--	2.0	Oct-21
<i>NFI-ODCE Equal Weighted</i>	0.0	-2.1	-8.4	-13.1	6.7	5.2	7.5	2.6	Oct-21

Investment Manager	Fee Schedule
Rhumbline	0.005% on the Balance
SSGA	0.011% on the Balance
Garcia Hamilton & Associates	0.14% on the First \$100 million 0.09% on the Next \$600 million 0.05% on the Balance
Brown Brothers Harriman & Co	0.17% on the First \$250 million 0.13% on the Next \$250 million 0.10% on the Balance
Principal USPA Fund	0.75% on the Balance

Benchmark History

Total Fund Composite		
4/1/2023	Present	25% Russell Top 200 / 9% Russell MidCap / 2% S&P 600 SmallCap / 16% MSCI World ex USA / 3% MSCI World ex USA Small Cap / 8% MSCI Emerging Markets / 2% MSCI Emerging Markets Small Cap / 3% Bloomberg US Treasury 1-3 Yr TR / 24% Bloomberg US Aggregate TR / 3% JP Morgan EMBI Global Diversified / 2% FTSE NAREIT Equity REIT / 3% NFI-ODCE Equal Weighted
10/1/2021	3/31/2023	25% Russell Top 200 / 9% Russell MidCap / 2% S&P 600 SmallCap / 16% MSCI World ex USA / 3% MSCI World ex USA Small Cap / 8% MSCI Emerging Markets / 2% MSCI Emerging Markets Small Cap / 3% Bloomberg 1-3 Year US TIPS / 9% Bloomberg US Credit Int TR / 6% Bloomberg US Treasury Int TR / 3% Bloomberg US Treasury Long TR / 6% Bloomberg US Securitized MBS ABS CMBS TR / 3% JP Morgan EMBI Global Diversified / 2% FTSE NAREIT Equity REIT / 3% NFI-ODCE Equal Weighted
Total Real Estate Composite		
10/31/2021	Present	60% NFI-ODCE Equal Weighted / 40% FTSE NAREIT Equity REIT

Performance Disclosures

Inception Performance

Total Fund Composite, Private Real Estate Composite, and the Principal USPA Fund inception performance are based on an October 1, 2021 start. All other account and composite inception performance is based on an October 31, 2021 start.

NFI-ODCE Equal Weighted

Quarterly valued index. Value of the quarterly return is recognized in the last month of each quarter. 3Q 2023 NFI-ODCE Equal Weighted net return is preliminary.

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