

Municipal Employees' Retirement System of Louisiana August 17, 2023 Board Meeting

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Agenda

Agenda

- 1. Economic and Market Update
- 2. Performance Report as July 31, 2023
- 3. Fiscal Year Road Map
- 4. Disclaimer

Economic and Market Update

Data as of June 30, 2023



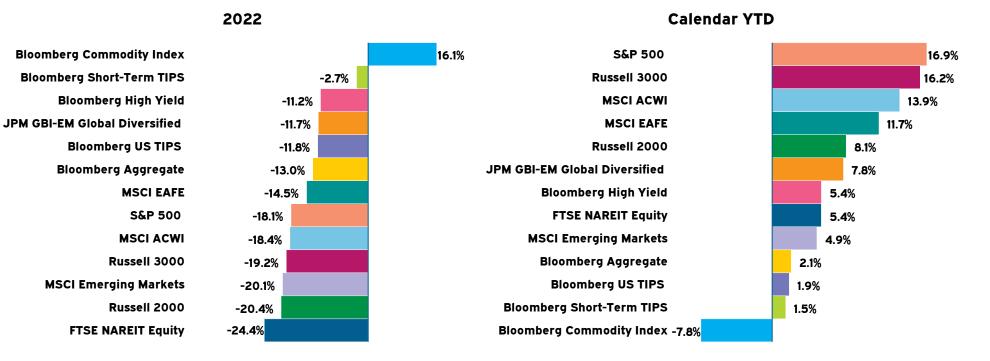
Commentary

- → Asset returns were positive in June with US and Non-US equities posting gains, while most fixed income sectors sold-off on expectations for further interest rate hikes later this year. Except for commodities, most public market asset classes remain up for the year.
 - Although the Fed skipped a rate-hike in June, Fed comments signaled further rate hikes in the 2H 2023; the US economy appears to be resilient supporting domestic demand and low unemployment.
 - US equity markets (Russell 3000) rose in June (+6.8%) adding to YTD gains (+16.2%). Some of the largest technology names drove positive results. Growth stocks continued to outpace value stocks, particularly in the large cap space.
 - Non-US developed equity markets rose in June (MSCI EAFE 4.6%) falling behind US equities in 2023 (+16.2% versus +11.7%). A strengthening US dollar weighed on returns.
 - Emerging market equities rose in June (+3.8%) supported by positive returns in China (+4.0%). They significantly trail developed market equities YTD returning +4.9%, due partly to higher US-China tensions.
 - Rates generally rose in June leading to bond markets declining, with the broad US bond market (Bloomberg Aggregate) falling 0.4% for the month. It remains positive (+2.1%) year-to-date, though, on declining inflation and expectations for the Fed to end their rate hikes soon.

 \rightarrow This year, the paths of inflation and monetary policy, slowing global growth and the war in Ukraine will all be key.

Economic and Market Update





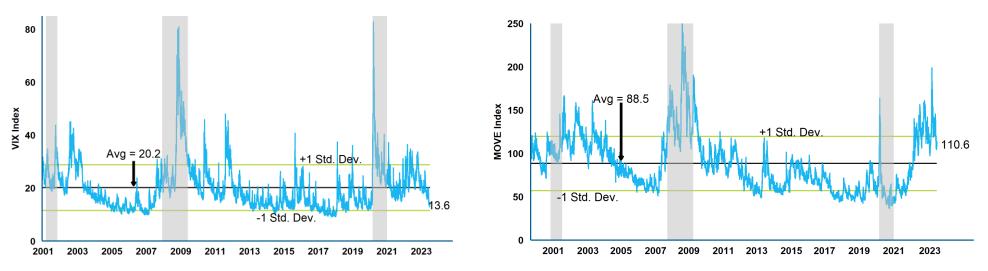
Index Returns¹

- → After a particularly difficult 2022, most public market assets are up thus far in 2023, building on gains from the fourth quarter of last year.
- \rightarrow Risk sentiment has been supported by expectations that policy tightening could be ending soon, as inflation continues to fall, and growth has slowed.

¹ Source: Bloomberg and FactSet. Data is as of June 30, 2023.

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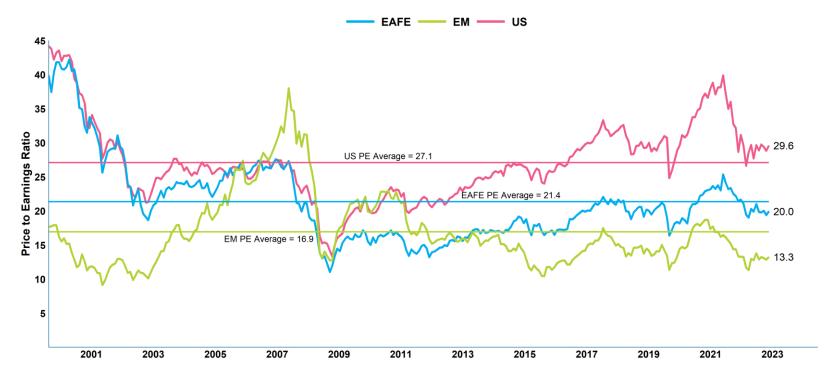


Equity and Fixed Income Volatility¹

- → Volatility in equities (VIX) declined in June and remains low as investors continue to anticipate the end of the Fed's policy tightening.
- \rightarrow In comparison, the bond market remains on edge after last year's historic losses and continued volatility in interest rates this year due to policy uncertainty and issues in the banking sector. The MOVE (fixed income volatility) remains well above (110.6) its long-run average (88.4), but off its recent peak during the heart of the banking crisis.

¹ Equity and Fixed Income Volatility – Source: Bloomberg. Implied volatility as measured using VIX Index for equity markets and the MOVE Index to measure interest rate volatility for fixed income markets. Data is as of June 2023. The average line indicated is the average of the VIX and MOVE values between January 2000 and June 2023.





Equity Cyclically Adjusted P/E Ratios¹

- → After its dramatic decline last year the US equity price-to-earnings ratio remains above its long-run (21st century) average.
- → International developed market valuations are below their own long-term average, with those for emerging markets the lowest and well under the long-term average.

¹ US Equity Cyclically Adjusted P/E on S&P 500 Index. Source: Robert Shiller, Yale University, and Meketa Investment Group. Developed and Emerging Market Equity (MSCI EAFE and EM Index) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years. Data is as of June 2023. The average line is the long-term average of the US, EM, and EAFE PE values from December 1999 to the recent month-end respectively.



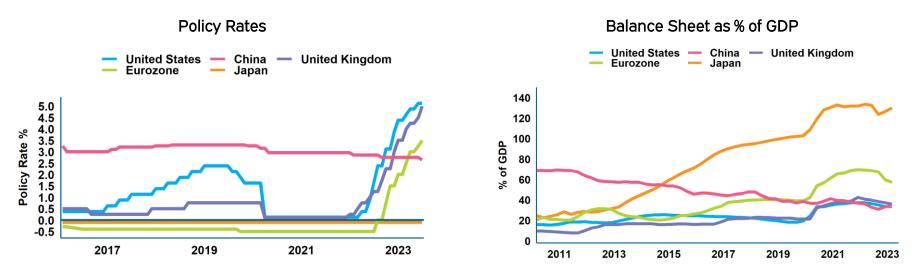


US Yield Curve¹

- → Interest rates have started rising again across the curve given policy maker guidance that policy rates are likely to rise further and potentially stay longer at the terminal rate than market participants expect. The rise in rates was particularly acute at the very front-end (< 1 year). Maturities from two years out also drifted higher as market participants considered the possibility of additional policy rate increases as economic data (mainly inflation and labor markets) remains strong.
- → The yield curve remains inverted with the spread between two-year and ten-year Treasuries finishing the month at -1.06%. The more closely watched measure (by the Fed) of the three-month and ten-year Treasuries spread also remained inverted at -1.62%. Inversions in the yield curve have often preceded recessions.

¹ Source: Bloomberg. Data is as of June 30, 2023.





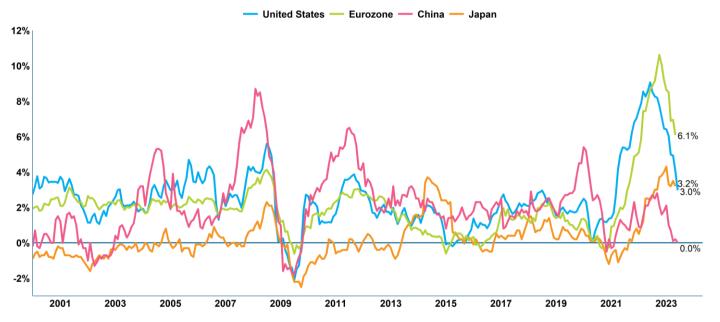
Central Bank Response¹

- → In 2022, many central banks aggressively reduced pandemic-era policy support in the face of high inflation, with the US taking the most aggressive approach. Slowing inflation and growth have led to expectations for reductions in policy tightening going forward.
- \rightarrow In May the Fed raised rates another 25 basis points to a range of 5.0% to 5.25%. After month-end, the FOMC paused its tightening campaign but hinted that one or two additional rate hikes could come later this year.
- \rightarrow In China, the central bank has continued to cut interest rates and inject liquidity into the banking system, as weaker than expected economic data appears to indicate a widespread slowdown.
- → Looking ahead, risks remain for a policy error as central banks attempt to balance multiple goals, bringing down inflation, maintaining financial stability, and supporting growth.

¹ Source: Bloomberg. Policy rate data is as of June 30, 2023. China policy rate is defined as the medium-term lending facility 1 year interest rate. Balance sheet as % of GDP is based on quarterly data and is as of March 31, 2023.

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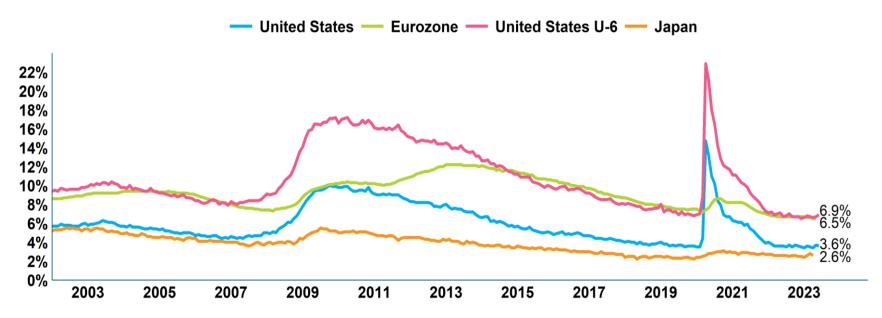
Inflation (CPI Trailing Twelve Months)¹



- → Inflation pressures continued to decline globally due to the easing of supply chain issues from the pandemic, declining energy prices, and tighter monetary policy.
- \rightarrow In the US, inflation fell to 3.0% at month-end, while eurozone inflation also fell (6.1% from 7.0%) a level well off its peak. Despite 2023's significant declines in the US and Europe, inflation levels remain elevated compared to central bank targets.
- → Inflation remains lower in China and Japan. In China, inflation levels were only slightly above 0% at month-end as the reopening of their economy has led to an uneven economic recovery.

¹ Source: Bloomberg. Data is as June 30, 2023. The most recent Japanese inflation data is as of May 2023.





Unemployment¹

- → Despite slowing growth and high inflation, the US labor market still shows signs of resiliency. Unemployment in the US, which experienced the steepest rise, recently returned to pre-pandemic levels. Broader measures of unemployment (U-6) remain higher at 6.9% but also declined dramatically from their peak.
- → The strong labor market and higher wages, although beneficial for workers, motivates the Fed's efforts to fight inflation, leading to higher unemployment.
- → Unemployment in Europe has also declined but remains higher than the US, while levels in Japan have been flat through the pandemic given less layoffs.

¹ Source: Bloomberg. Data is as June 30, 2023, for the US. The most recent data for Eurozone and Japanese unemployment is as of May 2023.





US Dollar versus Broad Currencies¹

- \rightarrow The dollar finished 2022 much higher than it started, due to the increased pace of policy tightening, stronger relative growth, and safe-haven flows.
- → Late last year and into this year, the dollar declined, as weaker economic data and lower inflation led to investors anticipating the end of Fed tightening. In June, we did see a slight decline in the dollar though.
- → This year, the track of inflation across economies and the corresponding monetary policies will be key drivers of currency moves.

¹ Source: Bloomberg. Data as of June 30, 2023.



Summary

Key Trends:

- \rightarrow The impacts of still relatively high inflation will remain key, with bond market volatility likely to stay high.
- → Recent issues related to the banking sector seem to have subsided for now but are a reminder that there is a delicate balance for central banks to continue to fight inflation but also to try to maintain financial stability.
- → Global monetary policies could diverge in 2023. The risk of policy errors remains elevated as central banks try to reduce persistent inflation while not tipping their economies into recession.
- → Growth is expected to slow globally this year, with many economies forecast to tip into recession. Inflation, monetary policy, and the war will all be key.
- → In the US, consumers could feel pressure as certain components of inflation remain high (e.g., shelter), borrowing cost are elevated, and the job market may weaken.
- \rightarrow The key for US equities going forward will be whether earnings can remain resilient if growth continues to slow.
- → Equity valuations remain lower in both emerging and developed markets, but risks remain, including potential continued strength in the US dollar, higher inflation weighing particularly on Europe, and China's sluggish economic reopening and on-going weakness in the real estate sector.

Performance Report

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Policy

33%

13%

10%

20%

3%

3%

3%

3%

12%

0%

11%

18%

3%

5%

4%

3%

8%

0%

Municipal Employees' Retirement System of Louisiana

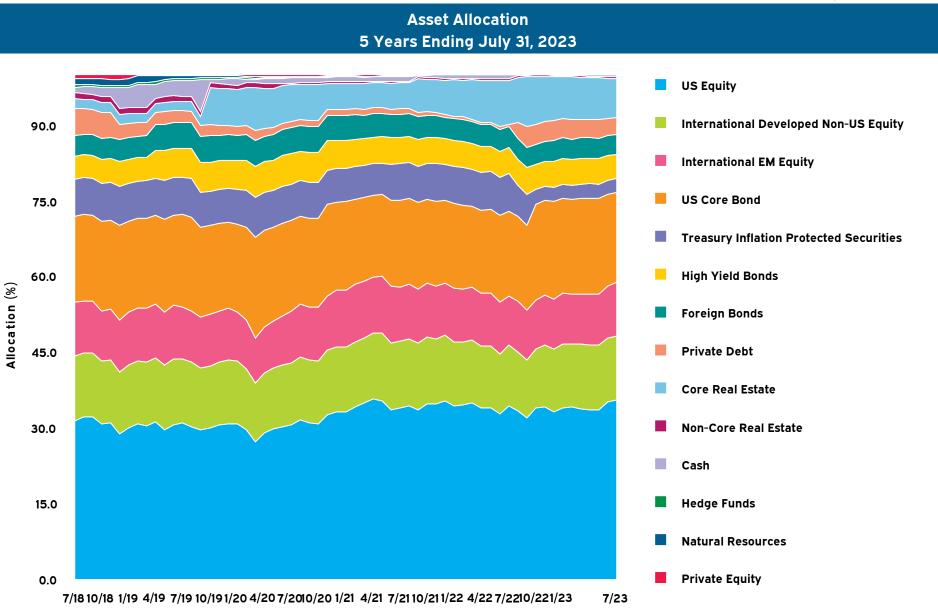
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rrent		Current Balance (\$)	Current Allocation (%)	Policy (%)	Difference (%)	Policy Range (%)	Within IPS Range?
	US Equity	397,226,630	36	33	3	25 - 35	No
	International Developed Non-US Equity	141,463,391	13	13	0	8 - 18	Yes
	International EM Equity	119,144,404	11	10	1	7 - 13	Yes
	US Core Bond	198,583,813	18	20	-2	15 - 25	Yes
	Treasury Inflation Protected Securities	29,419,799	3	3	0	0 - 10	Yes
36%	High Yield Bonds	53,431,126	5	3	2	0 - 10	Yes
	Foreign Bonds	44,125,051	4	3	1	0 - 10	Yes
	Private Debt	38,246,572	3	3	0	0 - 6	Yes
	Core Real Estate	86,014,082	8	12	-4	5 - 15	Yes
	Non-Core Real Estate	3,569,961	0	0	0	0 - 0	No
	Cash	4,422,106	0	0	0	0 - 5	Yes
	Total	1,115,646,935	100	100	0		
13%							

Asset Allocation Compliance | As of July 31, 2023

15	of	30
15	of	30



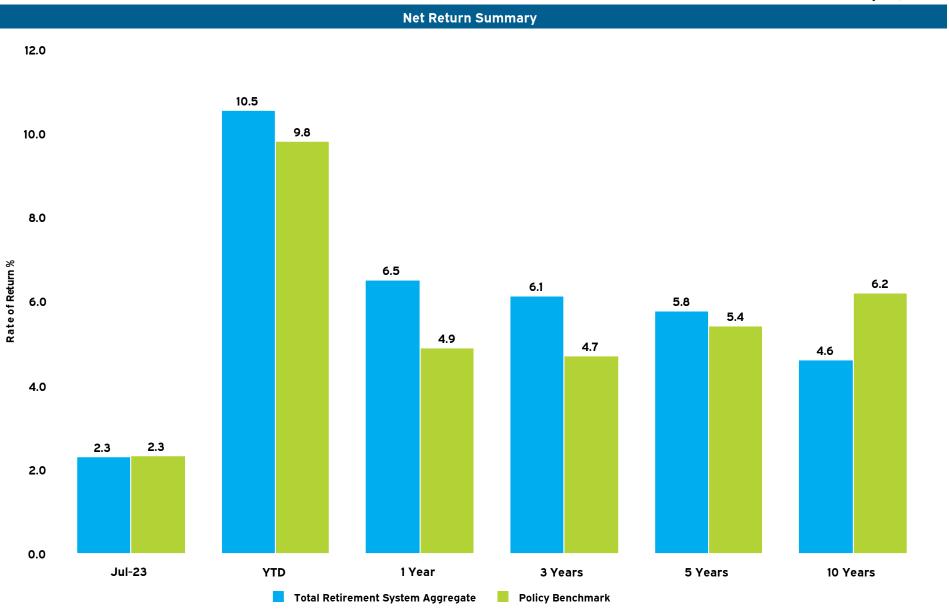
Historical Asset Allocation | 5 Years Ending July 31, 2023



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Total Fund Performance | As of July 31, 2023





Asset Allocation & Net Performance | As of July 31, 2023

	Market Value \$	% of Portfolio	1 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Retirement System Aggregate	1,115,646,935	100.0	2.3	10.5	6.5	6.1	5.8	4.6	4.4	Jan-06
Policy Benchmark			2.3	9.8	4.9	4.7	5.4	6.2	6.4	
60% MSCI ACWI & 40% Barclays Universal			2.5	11.5	6.6	3.9	4.8	5.4	5.3	
Domestic Equity	397,226,630	35.6	3.8	18.3	13.3	14.2	10.0	10.9	8.9	Feb-06
Russell 3000 Index			3.6	20.3	12.6	13.1	11.4	12.1	9.5	
Developed Equity	141,463,391	12.7	1.8	13.2	11.6	6.8	6.1		5.8	Jun-14
MSCI EAFE (Net)			3.2	<i>15.3</i>	16.8	9.3	4.5	5.2	4.0	
Emerging Market Equity	119,144,404	10.7	5.9	18.6	15.2	7.1	5.6		5.7	Jan-14
MSCI Emerging Markets (Net)			6.2	11.4	<u>8.3</u>	1.5	1.7	3.5	2.9	
U.S. Core Bond Assets	198,583,813	17.8	-0.1	2.0	-3.3	-4.5	0.7	0.6	0.7	May-13
Blmbg. U.S. Aggregate Index			-0.1	2.0	-3.4	-4.5	0.7	1.5	1.1	
Treasury Inflation Protected Securities	29,419,799	2.6	0.1	2.0	-5.3	-0.8	2.6		1.9	Aug-16
Blmbg. U.S. TIPS			0.1	2.0	-5.4	-0.8	2.6	2.0	1.9	
Foreign Bond Assets	44,125,051	4.0	1.8	5.2	0.5	-3.4	-0.3	0.9	0.3	May-13
Blmbg. Global Aggregate			0.7	2.1	-2.7	-5.7	-0.9	0.1	-0.2	
High Yield Bonds	53,431,126	4.8	0.6	3.3	-0.5	-2.2	2.5	3.8	3.5	May-13
Blmbg. U.S. Corp: High Yield Index			1.4	6.8	4.4	2.0	3.4	4.4	4.1	
Core Real Estate	86,014,082	7.7	-0.1	-1.9	-6.1	13.1	10.1	10.2	7.6	Apr-06
NCREIF ODCE Equal Weighted (Net)			0.0	-6.4	-10.5	7.6	6.1	8.1	5.6	
Private Debt	38,246,572	3.4	1.1	8.0	9.5	10.3	8.4	7.4	7.4	May-13
Bloomberg US High Yield+2%			1.5	8.1	6.5	4.1	5.5	6.5	6.2	



Asset Allocation & Net Performance | As of July 31, 2023

	Market Value \$	% of Portfolio	1 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Non-Core Real Estate	3,569,961	0.3	0.0	0.0	0.0	0.0	-16.2	-6.3	-2.4	Feb-06
NCREIF Property (Q Lag)			0.0	-5.3	-1.6	7.2	6.7	8.3	7.5	
Cash	4,422,106	0.4	0.3	1.6	2.3	0.9	1.5	0.9	1.0	Feb-06
ICE BofA 3 Month U.S. T-Bill			0.4	2.7	4.0	1.4	1.6	1.0	1.3	



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	Market	% of	1 Mo	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception
	Value \$	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
Total Retirement System Aggregate	1,115,646,935	100.0	2.3	10.5	6.5	6.1	5.8	4.6	4.4	Jan-06
Policy Benchmark			2.3	9.8	4.9	4.7	5.4	6.2	6.4	
60% MSCI ACWI & 40% Barclays Universal			2.5	11.5	6.6	3.9	4.8	5.4	5.3	
Domestic Equity	397,226,630	35.6	3.8	18.3	13.3	14.2	10.0	10.9	8.9	Feb-06
Russell 3000 Index			<u>З</u> .б	20.3	12.6	13.1	11.4	12.1	9.5	
Northern Trust S&P 500 Index	235,286,857	21.1	3.2	20.6	13.0	13.7	12.2		12.2	Dec-13
S&P 500 Index			3.2	20.6	<i>13.0</i>	<i>13.7</i>	12.2	12.7	12.2	
Large Cap Median			3.3	17.7	11.6	12.4	10.3	11.1	10.6	
Northern Trust S&P 500 Index Rank			53	35	35	31	20		21	
Northern Trust S&P 400 MidCap Index	78,359,973	7.0	4.1	13.3	10.5	15.2	8.2		9.6	Dec-13
S&P MidCap 400 Index			4.1	<i>13.3</i>	10.5	<i>15.3</i>	8.3	10.0	9.6	
Mid Cap Median			3.4	13.3	8.б	11.6	8.0	9.4	8.8	
Northern Trust S&P 400 MidCap Index Rank			25	50	30	26	45		31	
Barrow Hanley Small Cap Value Equity	50,629,431	4.5	7.6	20.8	21.8	22.6	9.9	10.9	10.6	Jan-06
Russell 2000 Value Index			7.5	10.2	3.9	17.5	4.7	7.4	7.0	
Small Value Median			5.9	11.4	7.5	19.1	5.9	7.7	7.5	
Barrow Hanley Small Cap Value Equity Rank			12	2	1	20	4	1	1	
Loomis Sayles Small Cap Growth	32,950,368	3.0	1.8	11.0	8.7	6.3			9.0	Jun-20
Russell 2000 Growth Index			4.7	<i>18.9</i>	11.6	6.5	4.8	8.5	8.6	
Small Growth Median			3.2	15.3	7.5	6.2	6.6	9.2	8.7	
Loomis Sayles Small Cap Growth Rank			90	90	40	50			46	
International Equity	260,607,795	23.4	3.7	15.6	13.2	7.0	5.9		6.3	Jun-17
MSCI AC World ex USA (Net)			4.1	13.9	13.4	7.1	3.9	4.7	4.7	

Asset Allocation & Net Performance | As of July 31, 2023



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	Market Value \$	% of Portfolio	1 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Developed Equity	141,463,391	12.7	1.8	13.2	11.6	6.8	6.1		5.8	Jun-14
MSCI EAFE (Net)			3.2	15.3	16.8	9.3	4.5	5.2	4.0	
First Eagle International Value	41,636,169	3.7	1.8	8.9	9.4	5.9	4.3		3.7	Jun-14
MSCI EAFE (Net)			3.2	15.3	16.8	9.3	4.5	5.2	4.0	
Foreign Median			2.8	14.3	13.2	7.0	3.9	5.0	3.9	
First Eagle International Value Rank			80	94	80	62	40		58	
WCM Focused International Growth Fund	52,162,083	4.7	0.5	15.1	9.1	5.1	9.1		8.8	Jun-14
MSCI AC World ex USA (Net)			4.1	13.9	13.4	7.1	3.9	4.7	3.6	
Foreign Median			2.8	14.3	13.2	7.0	3.9	5.0	3.9	
WCM Focused International Growth Fund Rank			97	35	82	70	1		1	
Northern Trust MSCI EAFE Index	47,665,139	4.3	3.3	15.2	16.4	9.7	4.9		7.3	Jan-17
MSCI EAFE (Net)			3.2	15.3	16.8	9.3	4.5	5.2	6.9	
Foreign Median			2.8	14.3	13.2	7.0	3.9	5.0	б.б	
Northern Trust MSCI EAFE Index Rank			35	34	21	24	25		31	
Emerging Market Equity	119,144,404	10.7	5.9	18.6	15.2	7.1	5.6		5.7	Jan-14
MSCI Emerging Markets (Net)			6.2	11.4	8.3	1.5	1.7	3.5	2.9	
Dimensional Emerging Markets Value	52,690,350	4.7	6.4	15.4	14.5	11.7	3.4		3.8	Jan-14
MSCI Emerging Markets Value (Net)			6.5	13.5	11.9	6.3	1.7	2.4	2.0	
Diversified Emerging Mkts Median			4.8	12.5	9.8	1.0	1.7	3.3	2.8	
Dimensional Emerging Markets Value Rank			14	20	17	3	23		26	
GQG Partners Emerging Markets	66,454,054	6.0	5.6	21.2	15.8	4.0			8.3	Sep-18
MSCI Emerging Markets (Net)			6.2	11.4	<u>8.3</u>	1.5	1.7	3.5	2.3	
Diversified Emerging Mkts Median			4.8	12.5	9.8	1.0	1.7	3.3	2.5	
GQG Partners Emerging Markets Rank			34	3	12	25			2	

Asset Allocation & Net Performance | As of July 31, 2023



		-								
	Market Value \$	% of Portfolio	1 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
U.S. Core Bond Assets	198,583,813	17.8	-0.1	2.0	-3.3	-4.5	0.7	0.6	0.7	May-13
Blmbg. U.S. Aggregate Index			-0.1	2.0	-3.4	-4.5	0.7	1.5	1.1	
Northern Trust Barclays Aggregate Index	198,583,813	17.8	-0.1	2.0	-3.3	-4.5	0.7		1.0	Jan-16
Blmbg. U.S. Aggregate Index			-0.1	2.0	-3.4	-4.5	0.7	1.5	1.1	
Intermediate Core Bond Median			0.0	2.2	-3.4	-4.4	0.7	1.4	1.0	
Northern Trust Barclays Aggregate Index Rank			64	66	46	57	42		50	
Treasury Inflation Protected Securities	29,419,799	2.6	0.1	2.0	-5.3	-0.8	2.6		1.9	Aug-16
Blmbg. U.S. TIPS			0.1	2.0	-5.4	-0.8	2.6	2.0	1.9	
Northern Trust TIPS	29,419,799	2.6	0.1	2.0	-5.4	-0.8	2.6		1.9	Aug-16
Blmbg. U.S. TIPS			0.1	2.0	-5.4	-0.8	2.6	2.0	1.9	
Inflation-Protected Bond Median			0.2	1.9	-5.1	-0.9	2.3	1.6	1.7	
Northern Trust TIPS Rank			60	42	56	49	29		37	
Foreign Bond Assets	44,125,051	4.0	1.8	5.2	0.5	-3.4	-0.3	0.9	0.3	May-13
Blmbg. Global Aggregate			0.7	2.1	<i>-2.</i> 7	-5.7	-0.9	0.1	-0.2	
Brandywine Global Opportunistic Fixed Income	44,125,051	4.0	1.8	5.2	0.5	-3.4	-0.3	1.2	3.9	Jan-06
Blmbg. Global Aggregate			0.7	2.1	-2.7	-5.7	-0.9	0.1	2.3	
Global Bond Median			1.0	2.2	-1.3	-5.4	-1.1	0.1	2.5	
Brandywine Global Opportunistic Fixed Income Rank			13	8	24	29	25	16	2	
High Yield Bonds	53,431,126	4.8	0.6	3.3	-0.5	-2.2	2.5	3.8	3.5	May-13
Blmbg. U.S. Corp: High Yield Index			1.4	6.8	4.4	2.0	3.4	4.4	4.1	

Asset Allocation & Net Performance | As of July 31, 2023



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	Market Value \$	% of Portfolio	1 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Loomis Sayles Multisector Full Discretion	53,431,126	4.8	0.6	3.3	-0.5	-2.2	2.5	3.6	5.8	Jan-06
Blmbg. U.S. Gov't/Credit			-0.1	2.1	-2.9	-4.8	1.0	1.6	3.1	
Multisector Bond Median			0.9	4.1	1.9	0.0	2.0	2.8	4.3	
Loomis Sayles Multisector Full Discretion Rank			85	72	89	96	21	14	1	
Core Real Estate	86,014,082	7.7	0.0	-1.7	-5.9	13.6	10.7			Mar-16
NCREIF Fund Index-ODCE (EW) (Net)			0.0	-б.4	-10.5	7.6	6.1	8.1	6.7	
TA Realty Core Property Fund, L.P.	86,014,082	7.7	0.0	-1.7	-5.9	13.5			11.4	Oct-19
NCREIF Fund Index-ODCE (EW) (Net)			0.0	-6.4	-10.5	7.6	6.1	8.1	6.0	
Private Debt	38,246,572	3.4	1.1	8.0	9.5	10.3	8.4	7.4	7.4	May-13
Bloomberg US High Yield+2%			1.5	8.1	6.5	4.1	5.5	6.5	6.2	
BlueBay Direct Lending Fund II, L.P.	3,217,696	0.3	0.0	0.0	-1.7	6.4	5.7		6.6	Aug-15
Bloomberg US High Yield+2%			1.5	8.1	6.5	4.1	5.5	6.5	6.5	
ArrowMark Global Opportunity Fund IV	35,028,876	3.1	1.2	8.9					11.4	Sep-22
Bloomberg US High Yield+2%			1.5	8.1	6.5	4.1	5.5	6.5	8.8	
Non-Core Real Estate	3,569,961	0.3	0.0	0.0	0.0	0.0	-16.2	-6.3	-2.4	Feb-06
NCREIF Property (Q Lag)			0.0	-5.3	-1.6	7.2	6.7	8.3	7.5	
Gainesville Vision	3,569,961	0.3	0.0	0.0	0.0	0.0	-16.2	-2.6	-4.1	Jan-08
NCREIF Property (Q Lag)			0.0	-5.3	-1.6	7.2	б.7	8.3	6.4	
Cash	4,422,106	0.4	0.3	1.6	2.3	0.9	1.5	0.9	1.0	Feb-06
ICE BofA 3 Month U.S. T-Bill			0.4	2.7	4.0	1.4	1.6	1.0	1.3	

Asset Allocation & Net Performance | As of July 31, 2023

BlueBay Direct Lending Fund II as of March 31, 2023, adjusted for subsequent cash flows BlueBay Direct Lending Fund II since inception net IRR performance is 7.36% as of March 31, 2023 TA Core Realty Property Fund, L.P. valued as of June 30, 2023, adjusted for subsequent cash flows

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Municipal Employees' Retirement System of Louisiana

	Beginning Market Value	Contributions	Distributions	Net Cash Flow	Net Investment Change	Ending Market Value
ArrowMark Global Opportunity Fund IV	34,598,766	-	-	-	430,110	35,028,876
Barrow Hanley Small Cap Value Equity	47,010,138	-	-	-	3,619,293	50,629,431
BlueBay Direct Lending Fund II, L.P.	3,217,696	-	-	-	-	3,217,696
Brandywine Global Opportunistic Fixed Income	43,347,400	-	-	-	777,651	44,125,051
Dimensional Emerging Markets Value	49,535,553	-	-	-	3,154,798	52,690,350
Federated Government Obligations	4,531,000	203	-123,957	-123,754	14,860	4,422,106
First Eagle International Value	40,886,690	-	-	-	749,478	41,636,169
Gainesville Vision	3,569,961	-	-	-	-	3,569,961
GQG Partners Emerging Markets	62,951,351	-	-	-	3,502,703	66,454,054
Loomis Sayles Multisector Full Discretion	53,167,515	-	-55,552	-55,552	319,163	53,431,126
Loomis Sayles Small Cap Growth	32,352,941	-	-	-	597,427	32,950,368
Northern Trust Barclays Aggregate Index	198,736,122	-	-	-	-152,309	198,583,813
Northern Trust MSCI EAFE Index	46,161,294	-	-	-	1,503,845	47,665,139
Northern Trust S&P 500 Index	227,961,069	-	-	-	7,325,789	235,286,857
Northern Trust S&P 400 MidCap Index	75,255,914	-	-	-	3,104,059	78,359,973
Northern Trust TIPS	29,377,606	-	-	-	42,193	29,419,799
TA Realty Core Property Fund, L.P.	86,014,082	-	-	-	-	86,014,082
WCM Focused International Growth Fund	51,882,395	-	-	-	279,688	52,162,083
Total	1,090,557,493	203	-179,509	-179,306	25,268,747	1,115,646,935

Cash Flow Summary | 1 Month Ending July 31, 2023

MEKETA

Municipal Employees' Retirement System of Louisiana

Fee Schedule | As of July 31, 2023

	Annual Investment Expense Analysis								
	Fee Schedule	Market Value	Expense Ratio (%)	Estimated Expense					
Domestic Equity		397,226,630	0.15	579,675					
Northern Trust S&P 500 Index	0.01 % of Assets	235,286,857	0.01	17,647					
Northern Trust S&P 400 MidCap Index	0.02 % of Assets	78,359,973	0.02	11,754					
Barrow Hanley Small Cap Value Equity	1.00 % of First \$10 M 0.50 % of Next \$190 M 0.40 % of Next \$200 M 0.30 % Thereafter	50,629,431	0.60	303,147					
Loomis Sayles Small Cap Growth	0.75 % of Assets	32,950,368	0.75	247,128					
Developed Equity		141,463,391	0.55	781,836					
First Eagle International Value	0.79 % of Assets	41,636,169	0.79	328,926					
WCM Focused International Growth Fund	0.85 % of Assets	52,162,083	0.85	443,378					
Northern Trust MSCI EAFE Index	0.02 % of Assets	47,665,139	0.02	9,533					
Emerging Market Equity		119,144,404	0.61	722,221					
Dimensional Emerging Markets Value	0.45 % of Assets	52,690,350	0.45	237,107					
GQG Partners Emerging Markets	0.73 % of Assets	66,454,054	0.73	485,115					
U.S. Core Bond Assets		198,583,813	0.02	34,752					
Northern Trust Barclays Aggregate Index	0.02 % of Assets	198,583,813	0.02	34,752					
Treasury Inflation Protected Securities		29,419,799	0.02	5,148					
Northern Trust TIPS	0.02 % of Assets	29,419,799	0.02	5,148					
Foreign Bond Assets		44,125,051	0.45	198,563					
Brandywine Global Opportunistic Fixed Income	0.45 % of Assets	44,125,051	0.45	198,563					
High Yield Bonds		53,431,126	0.42	223,293					
Loomis Sayles Multisector Full Discretion	0.57 % of First \$15 M 0.45 % of Next \$15 M 0.30 % Thereafter	53,431,126	0.42	223,293					
Core Real Estate		86,014,082	0.70	602,099					

Performance Fees not included in fee calculation

MEKETA INVESTMENT GROUP



Fee Schedule | As of July 31, 2023

	Fee Schedule	Market Value	Expense Ratio (%)	Estimated Expense
TA Realty Core Property Fund, L.P.	0.70 % of Assets	86,014,082	0.70	602,099
Private Debt		38,246,572	0.46	175,144
BlueBay Direct Lending Fund II, L.P.	0.00 % of Assets	3,217,696	0.00	-
ArrowMark Global Opportunity Fund IV	0.50 % of Assets	35,028,876	0.50	175,144
Non-Core Real Estate		3,569,961	0.00	-
Gainesville Vision	0.00 % of Assets	3,569,961	0.00	-
Cash		4,422,106	0.00	-
Federated Government Obligations	0.00 % of Assets	4,422,106	0.00	-
Total Retirement System Aggregate		1,115,646,935	0.30	3,322,733

Fiscal Year Road Map



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MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM OF LOUISIANA

PRELIMINARY ROAD MAP

August 2023

- 1. Market Update
- 2. Performance Report
- 3. Introduction to Road Map

December 2023

- 1. Fee benchmarking
- 2. Equity exposure deep dive
- 3. Performance Report

March 2024

- 1. Annual asset study
- 2. Fixed income exposure deep dive
- 3. Performance Report

June 2024

- 1. Annual investment policy statement review
- 2. Performance Report

Ongoing objective

1. Educational sessions as needed

¹ Dates and actions subject to change based on client needs and capital market conditions

BOSTON CHICAGO LONDON MIAMI NEW YORK PORTLAND SAN DIEGO

Disclaimer



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