



MUNICIPAL POLICE EMPLOYEES' RETIREMENT SYSTEM

MONTHLY PERFORMANCE REPORT

**LOUISIANA MUNICIPAL POLICE
EMPLOYEES' RETIREMENT SYSTEM**

DECEMBER 31, 2021

**DAVID BARNES, CFA, CAIA, SENIOR CONSULTANT
RHETT HUMPHREYS, CFA, PARTNER**



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Dec	QTD	2021
S&P 500	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	-4.4%	31.5%	18.4%	4.5%	11.0%	28.7%
Russell 1000	1.5%	16.4%	33.1%	13.2%	0.9%	12.1%	21.7%	-4.8%	31.4%	21.0%	4.1%	9.8%	26.5%
Russell 2000	-4.2%	16.3%	38.8%	4.9%	-4.4%	21.3%	14.6%	-11.0%	25.5%	20.0%	2.2%	2.1%	14.8%
Russell 2500	-2.5%	17.9%	36.8%	7.1%	-2.9%	17.6%	16.8%	-10.0%	27.8%	20.0%	3.3%	3.8%	18.2%
MSCI EAFE	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-13.8%	22.0%	7.8%	5.1%	2.7%	11.3%
MSCI EM	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-14.6%	18.4%	18.3%	1.9%	-1.3%	-2.5%
MSCI ACWI	-7.3%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-9.4%	26.6%	16.3%	4.0%	6.7%	18.5%
Private Equity	9.5%	12.6%	22.3%	14.6%	10.4%	10.3%	21.0%	13.1%	17.2%	38.2%	-	-	23.2%
BBG TIPS	13.6%	7.0%	-8.6%	3.6%	-1.4%	4.7%	3.0%	-1.3%	8.4%	11.0%	0.3%	2.4%	6.0%
BBG Municipal	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	1.3%	7.5%	5.2%	0.2%	0.7%	1.5%
BBG Muni High Yield	9.2%	18.1%	-5.5%	13.8%	1.8%	3.0%	9.7%	4.8%	10.7%	4.9%	0.3%	1.2%	7.8%
BBG US Corporate HY	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	-2.1%	14.3%	7.1%	1.9%	0.7%	5.3%
BBG US Agg Bond	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	0.0%	8.7%	7.5%	-0.3%	0.0%	-1.5%
BBG Global Agg	5.6%	4.3%	-2.6%	0.6%	-3.2%	2.1%	7.4%	-1.2%	6.8%	9.2%	-0.1%	-0.7%	-4.7%
BBG Long Treasuries	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-1.8%	14.8%	17.7%	-1.4%	3.1%	-4.6%
BBG US Long Credit	17.1%	12.7%	-6.6%	16.4%	-4.6%	10.2%	12.2%	-6.8%	23.4%	13.3%	-0.4%	1.5%	-1.2%
BBG US STRIPS 20+ Yr	58.5%	3.0%	-21.0%	46.4%	-3.7%	1.4%	13.7%	-4.1%	20.9%	24.0%	-2.3%	5.4%	-5.2%
JPM GBI-EM Global Div	-1.8%	16.8%	-9.0%	-5.7%	-14.9%	9.9%	15.2%	-6.2%	13.5%	2.7%	1.6%	-2.5%	-8.7%
JPM EMBI Glob Div	7.3%	17.4%	-5.3%	7.4%	1.2%	10.2%	10.3%	-4.3%	15.0%	5.3%	1.4%	-0.4%	-1.8%
CS Hedge Fund	0.5%	5.9%	10.0%	5.4%	0.2%	-0.6%	7.2%	-1.1%	6.3%	4.1%	-2.2%	-1.0%	10.2%
BBG Commodity	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	-11.2%	7.7%	-3.1%	3.5%	-1.6%	27.1%
Alerian Midstream	-	-	-	16.4%	-37.3%	33.8%	-2.4%	-13.3%	24.0%	-23.4%	1.1%	-0.4%	38.4%
FTSE NAREIT Equity REITs	8.3%	18.1%	2.5%	30.1%	3.2%	8.5%	5.2%	-4.6%	26.0%	-8.0%	8.8%	16.3%	43.2%

***PRIVATE EQUITY RETURN REPRESENTS CALENDAR YEAR POOLED IRR AND IS SUBJECT TO A ONE QUARTER LAG
SOURCE: FACTSET, BARCLAYS, THOMSON ONE**



TOTAL FUND PERFORMANCE DETAIL

	Allocation			Performance (%)								
	Market Value (\$)	% of Portfolio	Policy (%)	1 Mo (%)	3 Mo (%)	FYTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Fund Composite	2,802,601,805	100.0	100.0	2.6	3.7	3.8	12.7	14.4	10.0	9.3	5.9	Mar-98
<i>Total Fund Policy Index</i>				2.5	2.9	2.9	10.2	13.1	10.0	9.1		
<i>Total Fund Allocation Index</i>				2.4	2.9	2.5	10.2	13.4	9.9	9.1		
Total Equity Composite	1,613,416,994	57.6	55.5	4.2	5.4	3.9	17.3	20.1	13.7	12.1	6.4	Mar-98
<i>MSCI AC World Index (Net)</i>				4.0	6.7	5.6	18.5	20.4	14.4	11.9	6.7	
Total Domestic Equity Composite	889,974,662	31.8	30.0	4.1	8.7	7.9	25.0	24.5	16.3	15.3	8.0	Mar-98
<i>Russell 3000 Index</i>				3.9	9.3	9.2	25.7	25.8	18.0	16.3	8.7	
Total Large Cap Equity Composite	618,967,509	22.1	20.0	4.5	11.0	11.6	28.6	26.0	18.5	16.2	8.3	Apr-98
<i>S&P 500 Index</i>				4.5	11.0	11.7	28.7	26.1	18.5	16.6	8.4	
Total Small Cap Equity Composite	271,007,153	9.7	10.0	3.2	3.9	0.2	17.5	20.7	11.5	13.6	3.8	Apr-98
<i>Russell 2000 Index</i>				2.2	2.1	-2.3	14.8	20.0	12.0	13.2	8.1	
Total International Equity Composite	471,911,460	16.8	16.0	4.2	2.7	2.8	12.5	18.2	12.1	9.4	5.1	Mar-98
<i>MSCI EAFE (Net)</i>				5.1	2.7	2.2	11.3	13.5	9.5	8.0	4.9	
Total Emerging Markets Equities Composite	251,530,873	9.0	9.5	4.3	-0.2	-7.2	3.3	10.6	9.1		4.8	Apr-14
<i>MSCI Emerging Markets (Net)</i>				1.9	-1.3	-9.3	-2.5	10.9	9.9		5.3	
Total Fixed Income Composite	792,021,127	28.3	30.5	0.3	-0.2	-0.3	-1.1	5.2	4.1	4.2	5.4	Mar-98
<i>Total Fixed Income Policy Index</i>				0.2	-0.3	-0.7	-2.1	4.8	3.8	3.2	4.9	
Total Hedge Funds Composite	13,850,187	0.5	1.0	0.0	0.0	-1.2	6.1	8.3	4.2	4.0	2.9	Jun-07
<i>HFRI FOF COMP</i>				0.8	0.8	1.5	6.5	8.6	5.8	4.6	2.4	
Total Real Estate Composite	197,911,214	7.1	8.0	2.1	9.2	14.2	20.5	9.0	8.7	10.2	8.4	Aug-00
<i>NCREIF ODCE Net</i>				0.0	0.0	6.4	12.4	5.6	6.2	8.6	7.0	
Total Private Equity Composite	171,278,712	6.1	5.0	0.0	0.0	12.7	42.8	23.6	18.6		14.6	Oct-12
<i>CJA US All PE (1 Qtr Lag)</i>				5.7	5.7	19.5	46.7	21.3	19.8		16.5	
Cash Account	14,123,572	0.5	0.0	0.0	0.1	0.1	0.4	1.5	1.7	2.7	3.6	Mar-98

Total Fund Policy Index is 20% S&P 500, 10% R2000, 16% MSCI EAFE, 9.5% MSCI EM, 23% Bloomberg Agg, 1.5% Bloomberg HY, 1.5% CS Leverage Loan, 4.5% JPM GBI EM Diversified, 1% HFRI FOF Composite, 8% NCREIF, 5% Cambridge PE as of 7/1/2021.

Performance returns are reported net of fees.

Fiscal year ends 06/30.



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