



NCRS Quarterly Update
3rd Quarter 2020

STATE TREASURER OF NORTH CAROLINA

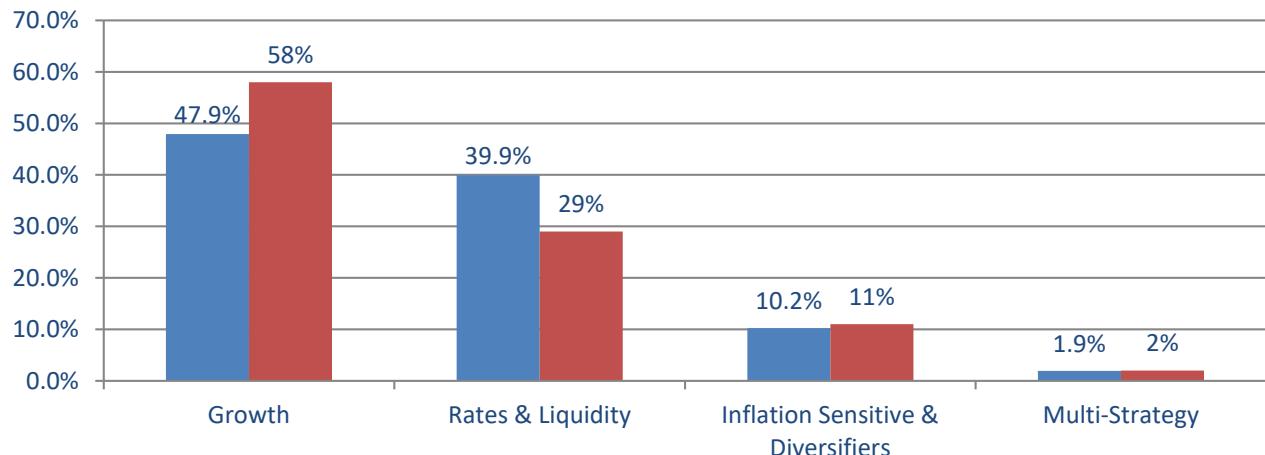
DALE R. FOLWELL, CPA

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Net of Fee Performance*
(expressed in percentages)

	Market Value (\$000)	3M	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr	15 Yr	20 Yr
Growth Benchmark	51,508,071	8.1	3.5	10.9	8.1	10.1	9.5	6.6	5.3
		7.2	1.2	8.1	6.2	8.6	8.3	5.9	4.4
Public Equity Benchmark	36,483,137	9.2	4.9	15.2	8.6	11.3	9.7	6.8	5.5
		8.0	0.5	9.5	6.3	9.6	8.5	5.9	4.4
Private Equity Benchmark	5,840,459	10.2	8.0	9.8	12.6	10.2	10.8	9.0	3.2
		8.8	3.5	4.5	8.9	7.9	10.5	10.1	8.4
Non-Core Real Estate Benchmark	2,995,677	(1.5)	(4.0)	(2.4)	7.0	8.8	11.8	6.0	6.1
		(0.1)	(2.6)	(1.1)	4.5	4.9	8.5	4.8	6.6
Opportunistic Fixed Income Benchmark	6,188,798	4.8	(3.4)	(2.6)	2.4	3.5	5.6	-	-
		3.6	1.3	2.5	1.2	3.1	2.2	-	-
Rates & Liquidity Benchmark	42,920,260	0.5	6.5	6.6	5.3	4.4	4.3	5.4	6.1
		0.7	7.8	7.7	6.1	4.9	4.5	5.3	6.0
IG Fixed Income Benchmark	33,671,759	0.6	8.3	8.3	6.2	5.0	4.6	5.6	6.2
		0.7	8.1	8.0	6.2	5.0	4.6	5.4	6.1
Cash Benchmark	9,248,500	0.2	1.0	1.5	1.8	1.5	-	-	-
		0.0	0.5	0.9	1.6	1.1	-	-	-
Inflation Sensitive & Diversifiers Benchmark	10,986,681	1.5	(4.9)	(2.7)	3.0	4.4	3.6	2.8	3.9
		1.7	(2.5)	(1.8)	2.3	3.5	3.7	2.2	3.9
Inflation Sensitive Benchmark	5,499,255	2.7	(6.0)	(5.2)	1.4	2.8	0.2	1.6	2.8
		2.7	(1.1)	(1.2)	1.6	1.8	(0.6)	2.9	3.3
Core Real Estate Benchmark	5,487,425	0.4	(3.7)	0.1	4.7	6.3	8.5	5.6	6.1
		0.6	(4.2)	(2.5)	3.1	5.5	8.9	5.7	6.5
Multi-Strategy Benchmark	2,082,069	2.1	(9.7)	(5.5)	0.6	4.4	6.6	5.0	-
		1.5	(5.5)	(0.5)	1.3	4.5	5.6	5.9	-
Total Pension Plan Benchmark	107,497,080	4.1	3.6	7.4	6.5	7.6	7.3	6.2	5.8
		4.6	2.9	7.1	5.8	7.0	6.7	5.7	5.4

Asset Allocation



*Returns over 1 year are annualized

Note: Data as of September 30, 2020

■ Current % ■ Policy %