



**NCRS Quarterly Update
2nd Quarter 2020**

STATE TREASURER OF NORTH CAROLINA

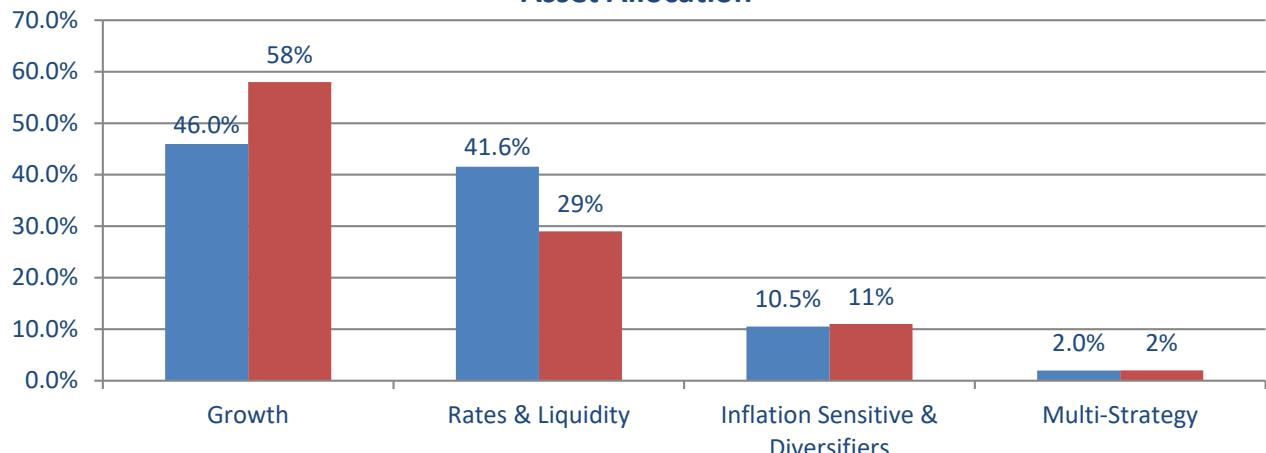
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Net of Fee Performance*
(expressed in percentages)

	Market Value (\$000)	3M	Cal YTD	1 Yr	3 Yr	5 Yr	10 Yr	15 Yr	20 Yr
Growth Benchmark	47,773,094	12.4	(4.3)	2.8	7.0	6.9	9.8	6.4	4.9
		13.8	(5.5)	1.3	5.2	5.6	8.7	5.7	4.1
Public Equity Benchmark	33,417,845	21.2	(3.9)	4.9	7.5	7.3	10.1	6.6	5.0
		19.7	(7.0)	1.2	5.3	5.8	9.0	5.7	4.0
Private Equity Benchmark	5,342,116	(5.4)	(2.0)	2.3	10.1	8.8	9.9	8.9	2.8
		(9.4)	(4.9)	(0.7)	7.1	6.9	9.7	9.8	7.9
Non-Core Real Estate Benchmark	3,064,004	(5.9)	(2.6)	2.1	8.5	9.8	12.2	6.7	6.4
		(5.8)	(2.5)	1.1	5.4	5.6	8.7	5.2	6.7
Opportunistic Fixed Income Benchmark	5,949,128	(1.8)	(7.9)	(6.9)	1.1	2.0	5.4	-	-
		9.3	(2.2)	(0.5)	0.3	1.5	2.3	-	-
Rates & Liquidity Benchmark	43,175,586	3.0	6.0	8.5	5.4	4.5	4.7	5.3	6.2
		3.2	7.1	10.3	6.2	5.1	4.9	5.2	6.1
IG Fixed Income Benchmark	33,458,555	3.7	7.6	10.7	6.3	5.1	5.0	5.5	6.4
		3.3	7.4	10.6	6.3	5.2	5.0	5.2	6.2
Cash Benchmark	9,717,031	0.3	0.8	1.8	1.8	1.5	-	-	-
		0.2	0.5	1.4	1.6	1.1	-	-	-
Inflation Sensitive & Diversifiers Benchmark	10,922,050	(3.4)	(6.3)	(3.3)	2.9	3.9	3.0	3.0	4.0
		(1.3)	(4.1)	(2.7)	2.1	2.9	4.0	2.4	4.0
Inflation Sensitive Benchmark	5,436,692	(5.3)	(8.5)	(7.8)	0.7	1.5	(1.7)	1.9	2.8
		(2.8)	(3.6)	(3.7)	1.0	0.5	(0.8)	3.0	3.2
Core Real Estate Benchmark	5,485,358	(1.4)	(4.0)	1.7	5.4	6.7	9.3	5.9	6.2
		0.6	(4.8)	(1.7)	3.5	5.8	9.5	6.0	6.7
Multi-Strategy Benchmark	2,039,465	1.3	(11.6)	(6.8)	0.8	2.7	6.4	5.0	-
		7.4	(6.9)	(2.7)	1.8	2.8	5.7	6.5	-
Total Pension Plan Benchmark	103,910,195	6.4	(0.5)	4.4	6.1	5.9	7.7	6.1	5.6
		8.8	(1.6)	3.6	5.3	5.3	7.0	5.6	5.2

Asset Allocation



*Returns over 1 year are annualized

Note: Data as of June 30, 2020