## Virginia Retirement System Performance Summary As of March 31, 2015

## **TOTAL FUND PERFORMANCE**

(Expressed in Percentages, Net of Fees)

	10 Yr	5 Yr	3 Yr	1 Yr	Qtr	Month	YTD	YTD
Total Public Equity	7.1	10.5	12.9	9.6	4.0	-0.4	4.9	4.0
Benchmark <sup>1</sup>	6.6	9.6	12.0	8.3	3.5	-0.7	3.7	3.5
Total Investment-Grade Fixed Income	5.5	5.2	3.4	6.0	1.7	0.4	3.6	1.7
Benchmark <sup>2</sup>	5.1	4.5	3.1	5.7	1.6	0.5	3.6	1.6
Total Credit Strategies	6.7	7.5	7.5	3.7	1.9	0.2	0.5	1.9
Benchmark <sup>3</sup>	5.8	6.6	6.5	4.0	2.1	-0.1	1.0	2.1
Total Real Assets	9.2	14.1	12.8	13.9	3.9	3.1	10.0	3.9
Benchmark <sup>4</sup>	8.8	12.1	11.0	11.0	2.5	0.6	7.8	2.5
Total Private Equity	13.2	14.1	15.1	10.2	-0.3	1.0	5.1	-0.3
Benchmark <sup>5</sup>	9.4	15.9	19.1	8.4	2.2	-1.2	6.2	2.2
Total Strategic Opportunities Portfolio	n/a	n/a	n/a	5.8	5.3	0.9	4.9	5.3
Benchmark <sup>6</sup>	n/a	n/a	n/a	3.5	2.5	-0.5	2.8	2.5
Total Fund	6.9	9.4	10.0	8.1	2.8	0.3	4.3	2.8
VRS Custom Benchmark <sup>7</sup>	6.3	8.7	9.6	7.3	2.7	-0.3	3.9	2.7

## Notes:

Source: Bank of New York Mellon

<sup>1.</sup> Effective July 2009, the Public Equity Custom Benchmark is risk-adjusted. Effective April 2010, the risk-adjusted benchmark is based on the MSCI ACWI IMI with the Developed Market Currencies 50% Hedged customized for the VRS dividend withholding tax rates.

<sup>2.</sup> Effective July 2014, the Investment-Grade Fixed Income Custom Benchmark consists of the Barclays Capital US Aggregate Index.

<sup>3.</sup> Effective July 2012, the Credit Strategies Custom Benchmark is the weighted average of the Citigroup Broad Investment Grade Index (10%), the Bank of America Merrill Lynch BB-B Constrained Index (20%), the S&P Performing Loan Index (30%), the Emerging Market Debt Custom Benchmark (20%), and the Bank of America Merrill Lynch All U.S. Convertibles Index (20%). For the four years prior to July 2012, the risk-adjusted benchmark is the weighted average of the Bank of America Merrill Lynch U.S. High Yield BB-B Constrained Index and the Bank of America All Convertibles Index.

<sup>4.</sup> Effective July 2014, the Real Assets Custom Benchmark is the market value weighted blend of the Total Real Estate Benchmark, of which 85% is the NCREIF Private Real Estate Benchmark (ODCE Index (net) lagged by three months) and 15% is the Total REIT Benchmark (FTSE/EPRA/NAREIT Developed REIT Index) and the Other Real Assets Custom Benchmark (the CPI-U Index plus 400 basis points per annum lagged by three months) with modified benchmarking for Other Real Assets during the increased allocation period.

<sup>5.</sup> Effective July 2013, the Private Equity Custom Benchmark is the MSCI ACWI IMI with the Developed Market Currencies 50% Hedged customized for the VRS dividend withholding tax rates lagged by three months plus 250 basis points per annum with modified benchmarking during the increased allocation period.

<sup>6.</sup> Effective January 2015, the Strategic Opportunities Portfolio Custom Benchmark is the market value weighted average of the benchmarks of the mandates within the program.

<sup>7.</sup> The VRS Custom Benchmark is a blend of the Asset Class Benchmarks at policy weights.

## Virginia Retirement System Asset Allocation as of March 31, 2015

(Dollar amounts in Billions / Percent of Total Fund)

