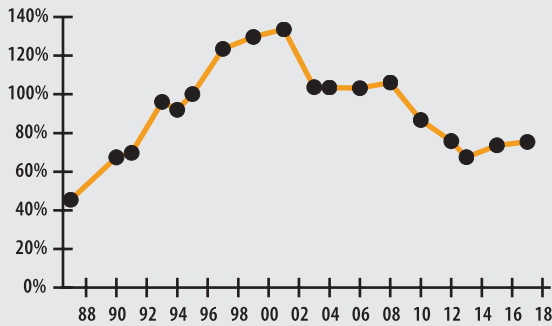
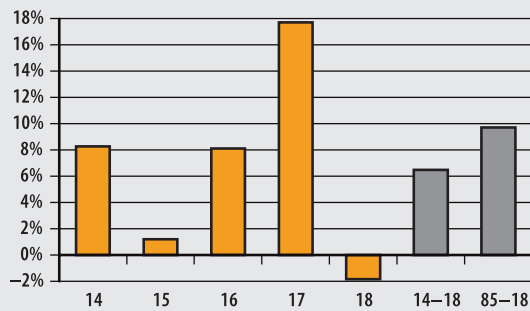


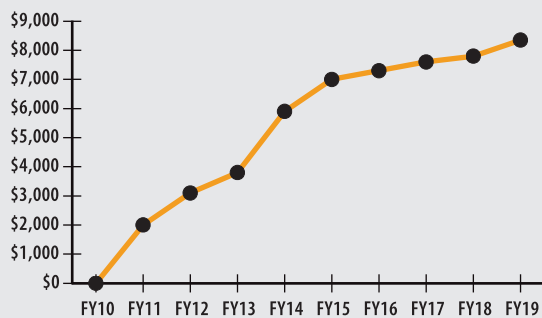
### FUNDED RATIO (1987-2018)



### INVESTMENT RETURN (2014-2018, 5 YEAR AND 34 YEAR AVERAGES)



### 10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



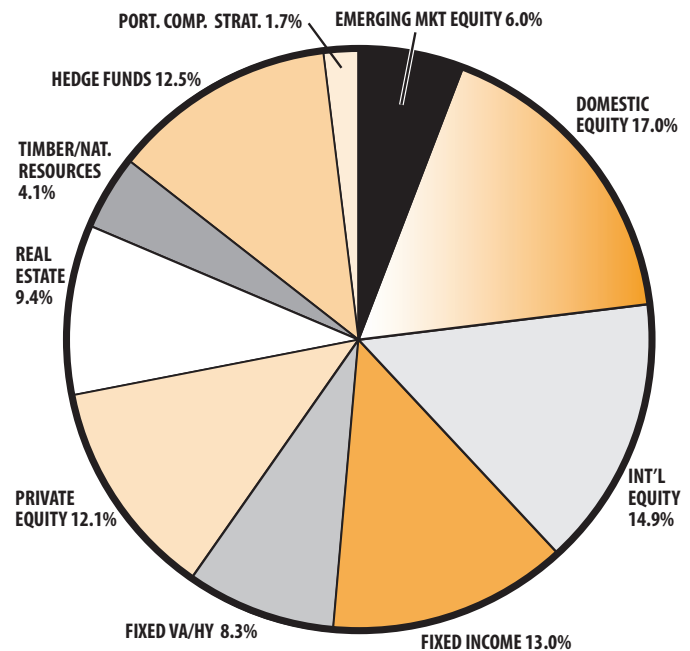
### INVESTMENT RETURN HISTORY

<b>34 years 2018</b>	<b>33 years 2017</b>	<b>32 years 2016</b>
9.72%	10.09%	9.86%
<b>10 years 2018</b>	<b>10 years 2017</b>	<b>10 years 2016</b>
9.22%	5.69%	4.82%
<b>5 years 2018</b>	<b>5 years 2017</b>	<b>5 years 2016</b>
6.49%	9.99%	9.27%

### ACTUARIAL

▶ Funded Ratio		75.4%
▶ Date of Last Valuation		1/1/17
▶ Actuary		Segal
▶ Assumed Rate of Return		6.63%
▶ Funding Schedule		3.5% Increasing
▶ Year Fully Funded		2030
▶ Unfunded Liability		\$55.0 M
▶ Total Pension Appropriation (Fiscal 2019)		\$8.4 M
	<b>ACTIVE</b>	<b>RETIRED</b>
▶ Number of Members	702	403
▶ Total Payroll/Benefit	\$38.2 M	\$10.8 M
▶ Average Salary/Benefit	\$54,500	\$26,900
▶ Average Age	46	NA
▶ Average Service	10.7 years	NA

### ASSET ALLOCATION (12/31/18)



### EARNED INCOME OF DISABILITY RETIREES (2017)

▶ Number of Disability Retirees	29
▶ Number Who Reported Earnings	6
▶ Number of Excess Earners	0
▶ Total Amount of Refund Due	\$0.00

▶ 2018 Return	-1.82%
▶ 2018 Market Value	\$187.9 M
▶ 2014-2018 (Annualized)	6.49%
▶ 1985-2018 (Annualized)	9.72%