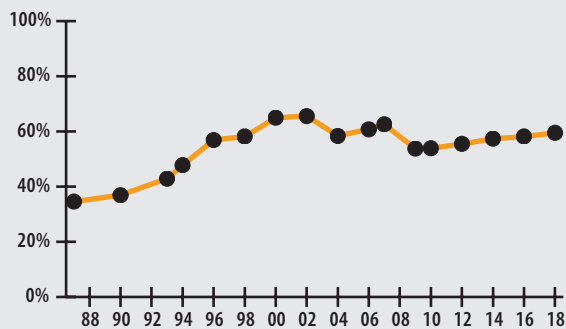
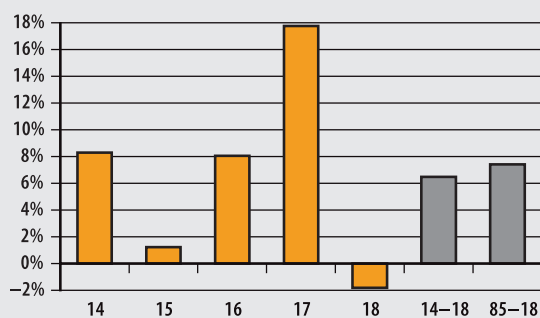


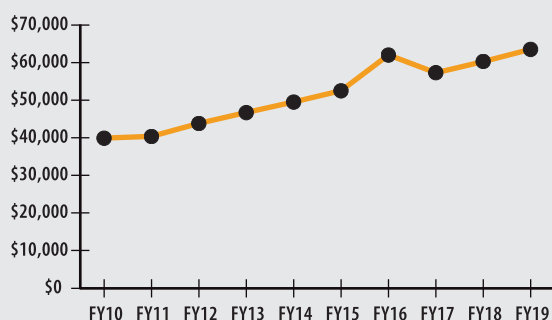
FUNDED RATIO (1987-2018)



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



10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



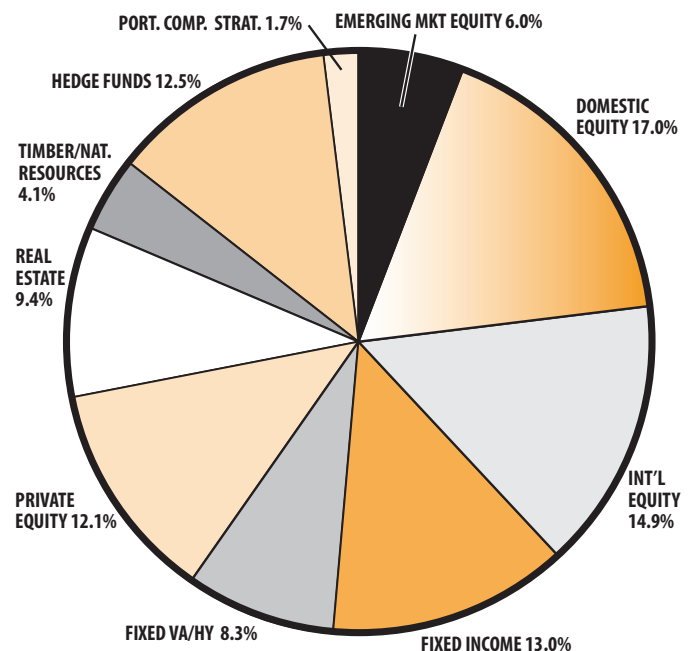
INVESTMENT RETURN HISTORY

34 years 2018	33 years 2017	32 years 2016
7.42%	7.71%	7.41%
10 years 2018	10 years 2017	10 years 2016
9.11%	5.61%	4.82%
5 years 2018	5 years 2017	5 years 2016
6.50%	9.96%	9.23%

ACTUARIAL

▶ Funded Ratio		59.5%
▶ Date of Last Valuation		1/1/18
▶ Actuary		Segal
▶ Assumed Rate of Return		7.38%
▶ Funding Schedule		5.28% Total Increasing
▶ Year Fully Funded		2035
▶ Unfunded Liability		\$722.4 M
▶ Total Pension Appropriation (Fiscal 2019)		\$63.5 M
	ACTIVE	RETIRED
▶ Number of Members	4,633	3,117
▶ Total Payroll/Benefit	\$271.5 M	\$85.8 M
▶ Average Salary/Benefit	\$58,600	\$27,500
▶ Average Age	48	71
▶ Average Service	12 years	NA

ASSET ALLOCATION (12/31/18)



EARNED INCOME OF DISABILITY RETIREES (2017)

▶ Number of Disability Retirees	343
▶ Number Who Reported Earnings	124
▶ Number of Excess Earners	2
▶ Total Amount of Refund Due	\$27,786.30

▶ 2018 Return	-1.81%
▶ 2018 Market Value	\$1.1 B
▶ 2014-2018 (Annualized)	6.50%
▶ 1985-2018 (Annualized)	7.42%