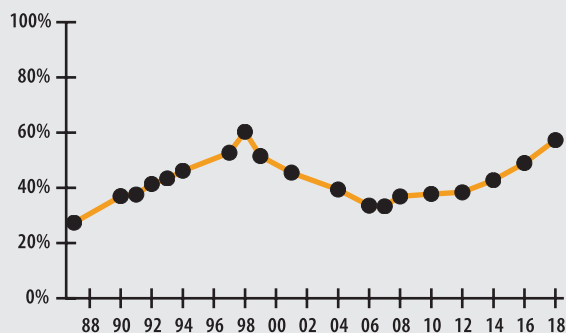
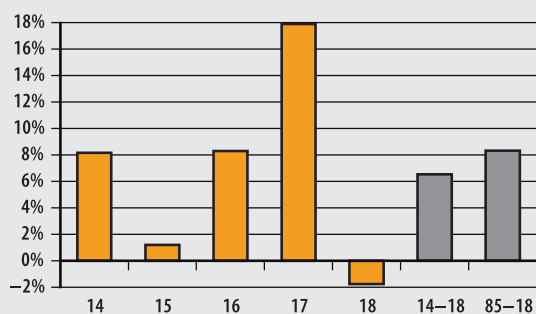


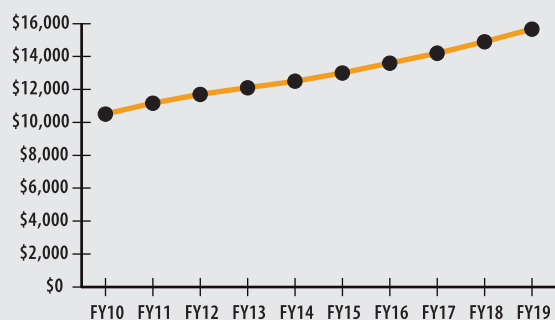
FUNDED RATIO (1987-2018)



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



10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



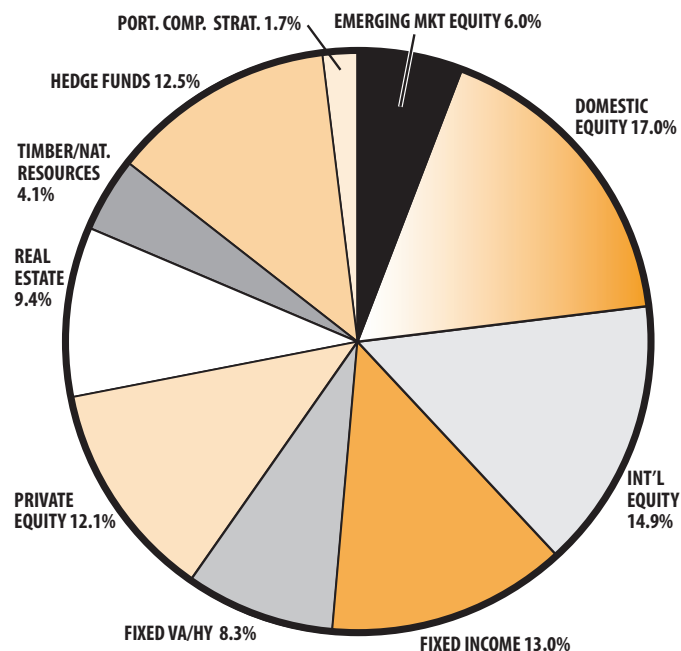
INVESTMENT RETURN HISTORY

34 years 2018	33 years 2017	32 years 2016
8.33%	8.65%	8.37%
10 years 2018	10 years 2017	10 years 2016
9.33%	5.73%	5.18%
5 years 2018	5 years 2017	5 years 2016
6.55%	10.06%	9.32%

ACTUARIAL

▶ Funded Ratio		57.3%
▶ Date of Last Valuation		1/1/18
▶ Actuary		PERAC
▶ Assumed Rate of Return		7.50%
▶ Funding Schedule		5.01% Total Increasing
▶ Year Fully Funded		2029
▶ Unfunded Liability		\$107.2 M
▶ Total Pension Appropriation (Fiscal 2019)		\$15.7 M
	ACTIVE	RETIRED
▶ Number of Members	758	502
▶ Total Payroll/Benefit	\$45.1 M	\$12.9 M
▶ Average Salary/Benefit	\$59,500	\$25,800
▶ Average Age	47	76
▶ Average Service	11 years	NA

ASSET ALLOCATION (12/31/18)



EARNED INCOME OF DISABILITY RETIREES (2017)

▶ Number of Disability Retirees	70
▶ Number Who Reported Earnings	18
▶ Number of Excess Earners	0
▶ Total Amount of Refund Due	\$0.00

▶ 2018 Return	-1.74%
▶ 2018 Market Value	\$154.3 M
▶ 2014-2018 (Annualized)	6.55%
▶ 1985-2018 (Annualized)	8.33%