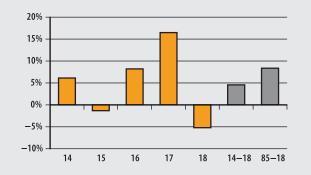
Brockton

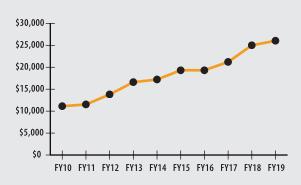
1322 Belmont Street, Suite 101 Brockton, MA 02301 Phone 508-580-7847 Fax 508-559-0559 Board Members MaryLynn Peters-Chu, John Condon, Archie Gormley, Scott Albanese, William Farmer* *indicates Chairperson Board Administrator Jeanne Martineau Board Meeting Typically one day within the last week of month at 1:00 pm



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



10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



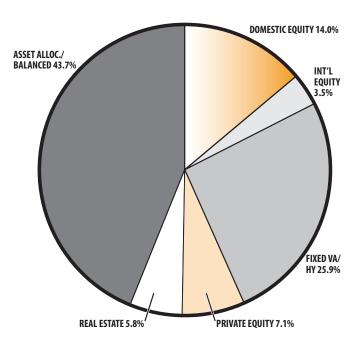
INVESTMENT RETURN HISTORY

<u>34 years 2018</u>	<u>33 years 2017</u>	<u>32 years 2016</u>
8.39%	8.83%	8.60%
<u>10 years 2018</u>	<u>10 years 2017</u>	<u>10 years 2016</u>
8.29%	5.17%	4.28%
<u>5 years 2018</u>	<u>5 years 2017</u>	<u>5 years 2016</u>
4.59%	8.22%	7.42%

ACTUARIAL

Funded Ratio		62.4%
Date of Last Valuation		1/1/18
► Actuary		KMS
Assumed Rate of Return		7.75%
Funding Schedule		4.0% Increasing Phase-In
Year Fully Funded		2032
Unfunded Liability		\$247.6 M
 Total Pension Appropriation (Fiscal 2019) 		\$26.0 M
	ACTIVE	RETIRED
Number of Members	1,731	1,284
Total Payroll/Benefit	\$96.1 M	\$40.9 M
Average Salary/Benefit	\$55,500	\$31,800
► Average Age	47	74
Average Service	11.9 years	NA

ASSET ALLOCATION (12/31/18)



EARNED INCOME OF DISABILITY RETIREES (2017)	
Number of Disability Retirees	

Number of Disability Retirees	145
Number Who Reported Earnings	48
Number of Excess Earners	0

► Total Amount of Refund Due \$0.00

▶ 2018 Return	-5 .20 %
▶ 2018 Market Value	\$385.3 M
▶ 2014-2018 (Annualized)	4.59 %
▶ 1985-2018 (Annualized)	8.39 %