

## Snapshot

Members as of Dec 31, 2018	240,972Ratio131,007 retirees and beneficiaries receiving benefits 103,147 active members paying into the system 6,818 vested members not receiving benefitsActive : Retired 1 : 1.27
Average 2018 Annuity Paid	\$22,720 per year \$28,880 per year for those who work to full retirement age
Total Benefits Paid as of Dec 31, 2018, unaudited	\$3.4 billion
Member Contribution Rate PA FY 2018/19	6.25% of salary, by payroll deduction (for most members) Varies between 5% and 9.3%
Number of Employers as of Dec 31, 2018	102
Employer Contribution Rate PA FY 2018/19	4.88% of payroll for benefits earned this year <u>28.05%</u> of payroll for the unfunded liability <b>32.93%</b> of payroll, composite rate
Projected Employer Contribution Rate PA FY 2019/20	4.90% of payroll for benefits earned this year <u>28.50%</u> of payroll for the unfunded liability <b>33.37%</b> of payroll
Employer Contribution Sources % provided by the Governor's Budget Office (FY 2017/18)	approx. 40% general funds approx. 52% other state funds approx. 8% independent employer funds
Funding Sources as of year-end Dec 31, 2018, unaudited	\$394 million member contributions \$2.2 billion employer contributions (\$1.7) billion investment earnings
<b>Investment Returns</b> as of Dec 31, 2018 unaudited, annualized, net-of-fees	-4.3% 1-year6.0% 20-year7.2% 10-year8.4% 30-year
<b>Total Fund Assets</b> as of Dec 31, 2018, unaudited	\$26.8 billion
Cash Flow 2019 projected	\$2.46 billion annual contributions (member/employer) \$3.61 billion annual payments (benefits/administrative expenses) difference in sum necessary to cover payments must come from investment income
<b>Funded Status</b> 2017 actuarial report adjusted with preliminary 2018 year-end performance data	56.5% with an unfunded liability of \$22.3 billion
Key Assumptions 2017 Actuarial Report	7.25% investment return 5.60% average total salary/career growth 2.60% inflation rate