## 10-Year Total Pension Investment Rates of Return


(dollars in millions)

(1) Smoothed Expected Rate of Return consists of investment income in excess or shortfall of the expected $7.20 \%$ on fair value smoothed over a 5 -year period with $20 \%$ of a year's excess or shortfall being recognized each year beginning with the current year.
(2) Fair Value Rate of Return consists of cash income plus gains and losses due to changes in fair value, whether realized or unrealized (before deduction of investment fees). (For 2016, 8.60\% net of fees.)
(3) Actuarial Assumed Interest Rate is the assumed rate of return on the fair value of assets, and is used in establishing retirement contribution rates and in determining current benefit reserve requirements.
(4) Money Weighted Rate of Return is calculated as the internal rate of return on pension plan investments, net of investment expenses.

