## Investment Results Public Employees' Defined Benefit Pension Plan

|  | 5 Year <br> Ended 09/30/17 | 3 Year <br> Ended 09/30/17 | 1 Year <br> Ended 09/30/17 | Quarter <br> Ended 09/30/17 |
| :---: | :---: | :---: | :---: | :---: |
| Total Fund |  |  |  |  |
| PERS | 9.18\% | $6.81 \%$ | 12.96\% | 3.37\% |
| Actuarial Earnings Rate | 8.00\% | 8.00\% | 8.00\% |  |
| U.S. Common Stock Returns |  |  |  |  |
| PERS Domestic Equities | 14.22\% | 10.72\% | 18.77\% | 4.82\% |
| Custom Composite Index | 14.23\% | 10.74\% | 18.71\% | 4.57\% |
| Fixed Income |  |  |  |  |
| PERS | 2.26\% | 2.94\% | 1.54\% | 0.39\% |
| Custom Composite Index | 1.28\% | 1.81\% | -0.10\% | 0.34\% |
| Opportunistic |  |  |  |  |
| PERS |  |  |  | 2.16\% |
| Custom Composite Index |  |  |  | 3.03\% |
| Real Assets |  |  |  |  |
| PERS | 7.52\% | 4.94\% | 5.91\% | 1.18\% |
| Custom Composite Index | 8.13\% | 7.58\% | 5.25\% | 1.05\% |
| International Stock Returns |  |  |  |  |
| PERS International Equities | 8.33\% | 5.90\% | 19.52\% | 6.16\% |
| MSCI ACWI ex-US | 7.46\% | 5.19\% | 20.17\% | 6.27\% |
| Private Equity |  |  |  |  |
| PERS | 15.01\% | 11.28\% | 18.60\% | 4.50\% |
| Custom Composite Index | 12.23\% | 9.43\% | 19.60\% | 5.18\% |
| Absolute Return |  |  |  |  |
| PERS | 5.61 \% | 3.61\% | 8.51\% | 0.70\% |
| 3-month Treasury Bill +5\% | 5.39\% | 5.59\% | 6.49\% | 2.27\% |
| Cash Equivalents |  |  |  |  |
| PERS | 0.46\% | 0.62\% | 0.92\% | 0.31\% |
| 3-month Treasury Bill | 0.22\% | 0.32\% | 0.66\% | 0.26\% |

## Investment Results Teachers' Defined Benefit Pension Plan

|  | 5 Year <br> Ended <br> $09 / 30 / 17$ | 3 Year <br> Ended <br> $09 / 30 / 17$ | Year <br> Ended <br> $09 / 30 / 17$ | Quarter <br> Ended <br> En/30/17 |
| :--- | :---: | :---: | :---: | :---: |
| Total Fund |  |  |  |  |
| TRS | $9.19 \%$ | $6.81 \%$ | $12.97 \%$ | $3.37 \%$ |
| Actuarial Earnings Rate | $8.00 \%$ | $8.00 \%$ | $8.00 \%$ |  |

## Investment Results Judicial Defined Benefit Pension Plan

|  | 5 Year <br> Ended 09/30/17 | 3 Year <br> Ended <br> 09/30/17 | 1 Year <br> Ended $09 / 30 / 17$ | Quarter Ended 09/30/17 |
| :---: | :---: | :---: | :---: | :---: |
| Total Fund |  |  |  |  |
| JRS | 9.17\% | 6.80\% | 12.95\% | 3.37\% |
| Actuarial Earnings Rate | 8.00\% | 8.00\% | 8.00\% |  |
| U.S. Common Stock Returns |  |  |  |  |
| JRS Domestic Equities | 14.22\% | 10.71\% | 18.76\% | 4.81\% |
| Custom Composite Index | 14.23\% | 10.74\% | 18.71\% | 4.57\% |
| Fixed Income |  |  |  |  |
| JRS | 2.26\% | 2.94\% | 1.53\% | 0.38\% |
| Custom Composite Index | 1.28\% | 1.81\% | -0.10\% | 0.34\% |
| Opportunistic |  |  |  |  |
| JRS |  |  |  | 2.16\% |
| Custom Composite Index |  |  |  | 3.03\% |
| Real Assets |  |  |  |  |
| JRS | 7.49\% | 4.95\% | 5.91\% | 1.18\% |
| Custom Composite Index | 8.13\% | 7.58\% | 5.25\% | 1.05\% |
| International Stock Returns |  |  |  |  |
| JRS International Equities | 8.33\% | 5.89\% | 19.51\% | 6.16\% |
| MSCI ACWI ex-US | 7.46\% | 5.19\% | 20.17\% | 6.27\% |
| Private Equity |  |  |  |  |
| JRS | 15.01\% | 11.28\% | 18.60\% | 4.50\% |
| Custom Composite Index | 12.23\% | 9.43\% | 19.60\% | 5.18\% |
| Absolute Return |  |  |  |  |
| JRS | 5.61 \% | 3.61\% | 8.51\% | 0.70\% |
| 3-month Treasury Bill +5\% | 5.39\% | 5.59\% | 6.49\% | 2.27\% |
| Cash Equivalents |  |  |  |  |
| JRS | 0.30\% | 0.34\% | 0.08\% | 0.31\% |
| 3-month Treasury Bill | 0.22\% | 0.32\% | 0.66\% | 0.26\% |

Returns for periods longer than one year are reported on an annualized basis.

## Investment Results Military Defined Benefit Pension Plan

$\left.\begin{array}{lcccc} & \begin{array}{c}5 \text { Year } \\ \text { Ended } \\ 09 / 30 / 17\end{array} & \begin{array}{c}3 \text { Year } \\ \text { Ended } \\ 09 / 30 / 17\end{array} & \begin{array}{c}1 \text { Year } \\ \text { Ended } \\ 09 / 30 / 17\end{array} & \begin{array}{c}\text { Quarter } \\ \text { Ended } \\ 09 / 30 / 17\end{array} \\ \text { Total Fund } & & & & \\ \text { MRS } & 6.40 \% & 5.29 \% & 8.77 \% & 2.56 \% \\ \text { Actuarial Earnings Rate } & 7.00 \% & 7.00 \% & 7.00 \%\end{array}\right]$

Returns for periods longer than one year are reported on an annualized basis.

