## Investment Results Public Employees' Defined Benefit Pension Plan

|  | 5 Year <br> Ended 03/31/17 | 3 Year <br> Ended 03/31/17 | 1 Year <br> Ended 03/31/17 | Quarter <br> Ended 03/31/17 |
| :---: | :---: | :---: | :---: | :---: |
| Total Fund |  |  |  |  |
| PERS | 8.12\% | 5.49\% | 11.58\% | 4.58\% |
| Actuarial Earnings Rate | 8.00\% | 8.00\% | 8.00\% |  |
| U.S. Common Stock Returns |  |  |  |  |
| PERS Domestic Equities | 12.83\% | 9.26\% | 18.15\% | 5.31\% |
| Custom Composite Index | 13.18\% | 9.76\% | 18.07\% | 5.74\% |
| Fixed Income |  |  |  |  |
| PERS | 2.50\% | 2.55\% | 3.97\% | 1.85\% |
| Custom Composite Index | 1.55\% | 1.50\% | 0.87\% | 1.04\% |
| Real Assets |  |  |  |  |
| PERS | 7.77\% | 6.05\% | 9.11\% | 2.67\% |
| Custom Composite Index | 8.52\% | 8.11\% | 6.30\% | 2.01\% |
| International Stock Returns |  |  |  |  |
| PERS International Equities | 5.49\% | 1.40\% | 12.59\% | 8.43\% |
| MSCI ACWI ex-US | 4.84\% | 1.03\% | 13.70\% | 7.98\% |
| Private Equity |  |  |  |  |
| PERS | 14.23\% | 11.47\% | 10.67\% | 3.01\% |
| Custom Composite Index | 10.58\% | 6.10\% | 18.36\% | 5.26\% |
| Absolute Return |  |  |  |  |
| PERS | 5.08\% | 3.62\% | 7.40\% | 1.41\% |
| 3-month Treasury Bill +5\% | 5.14\% | 5.17\% | 5.36\% | 1.33\% |
| Alternative Equity |  |  |  |  |
| PERS |  | 5.95\% | 11.42\% | 3.45\% |
| Custom Composite Index |  | 7.34\% | 15.41\% | 4.98\% |
| Cash Equivalents |  |  |  |  |
| PERS | 0.40\% | 0.49\% | 0.79\% | 0.23\% |
| 3-month Treasury Bill | 0.14\% | 0.17\% | 0.36\% | 0.10\% |

## Investment Results Teachers' Defined Benefit Pension Plan

|  | 5 Year <br> Ended <br> $03 / 31 / 17$ | 3 Year <br> Ended <br> $03 / 31 / 17$ | 1 Year <br> Ended <br> $03 / 31 / 17$ | Quarter <br> Ended <br> En/31/17 |
| :--- | :--- | :---: | :---: | :---: |
|  |  |  |  |  |
| Total Fund | $8.14 \%$ | $5.50 \%$ | $11.58 \%$ | $4.58 \%$ |
| TRS | $8.00 \%$ | $8.00 \%$ | $8.00 \%$ |  |

## Investment Results Judicial Defined Benefit Pension Plan

|  | 5 Year <br> Ended 03/31/17 | 3 Year Ended 03/31/17 | 1 Year <br> Ended $03 / 31 / 17$ | Quarter Ended 03/31/17 |
| :---: | :---: | :---: | :---: | :---: |
| Total Fund |  |  |  |  |
| JRS | 8.11\% | 5.49\% | 11.56\% | 4.57\% |
| Actuarial Earnings Rate | 8.00\% | 8.00\% | 8.00\% |  |
| U.S. Common Stock Returns |  |  |  |  |
| JRS Domestic Equities | 12.81\% | 9.25\% | 18.13\% | 5.31\% |
| Custom Composite Index | 13.18\% | 9.76\% | 18.07\% | 5.74\% |
| Fixed Income |  |  |  |  |
| JRS | 2.50\% | 2.55\% | 3.97\% | 1.85\% |
| Custom Composite Index | 1.55\% | 1.50\% | 0.87\% | 1.04\% |
| Real Assets |  |  |  |  |
| JRS | 7.73\% | 6.06\% | 9.11\% | 2.67\% |
| Custom Composite Index | 8.52\% | 8.11\% | 6.30\% | 2.01\% |
| International Stock Returns |  |  |  |  |
| JRS International Equities | 5.49\% | 1.39\% | 12.59\% | 8.43\% |
| MSCI ACWI ex-US | 4.84\% | 1.03\% | 13.70\% | 7.98\% |
| Private Equity |  |  |  |  |
| JRS | 14.21\% | 11.47\% | 10.67\% | 3.01\% |
| Custom Composite Index | 10.58\% | 6.10\% | 18.36\% | 5.26\% |
| Absolute Return |  |  |  |  |
| JRS | 5.08\% | 3.62\% | 7.39\% | 1.41\% |
| 3-month Treasury Bill +5\% | 5.14\% | 5.17\% | 5.36\% | 1.33\% |
| Alternative Equity |  |  |  |  |
| JRS |  | 5.95\% | 11.42\% | 3.45\% |
| Custom Composite Index |  | 7.34\% | 15.41\% | 4.98\% |
| Cash Equivalents |  |  |  |  |
| JRS | 0.23\% | 0.21\% | -0.05\% | -0.61\% |
| 3-month Treasury Bill | 0.14\% | 0.17\% | 0.36\% | 0.10\% |

## Investment Results Military Defined Benefit Pension Plan

|  | 5 Year <br> Ended | 3 Year <br> Ended <br> $03 / 31 / 17$ | 1 Year <br> Ended <br> $03 / 31 / 17$ | Quarter <br> Ended <br> 03/31/17 |
| :--- | :---: | :---: | :---: | :---: |
| Total Fund | $5.62 \%$ | $3.93 \%$ | $7.92 \%$ | $3.75 \%$ |
| MRS | $7.00 \%$ | $7.00 \%$ | $7.00 \%$ |  |

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

