| 20.00\% |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15.00\% |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $\text { Policy Return } 10.00 \%$ |  |  |  |  |  |  |  |  |
| - 7.25\% Target 5.00\% |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 0.00\% |  |  |  |  |  |  |  |  |
| Quarter FYTD |  |  | 1 Year |  | 5 Years |  | 10 Years |  |
| Rolling period performance as of December 31, 2017 ${ }^{1}$ |  |  |  |  | Annualized |  |  |  |
| Executive Summary |  | Market Value (millions) | Quarter | FYTD | 1 Year | 3 Years | 5 Years | 10 Years |
| Total Plan |  | \$31,801 | 3.54\% | 7.51\% | 14.70\% | 7.07\% | 7.56\% | 4.86\% |
| Policy Benchmark |  |  | 3.29\% | 6.69\% | 14.55\% | 7.10\% | 7.24\% | 4.30\% |
| Net Benefit Payments (millions) |  |  | (\$351) | ( \$554) | (\$1,130) | $(\$ 3,303)$ | $(\$ 5,347)$ | $(\$ 9,891)$ |
| Allocation / Exposure ${ }^{3,5,6}$ |  | Exposure |  |  | FYTD | 1 Year | Annualized |  |
|  |  | Portfolio | Policy Target | Difference |  |  | 3 Years | 5 Years |
| Global Equity |  | 48.0\% | 47.0\% | 1.0\% |  |  |  |  |
| Global Public Equity |  | 35.2\% | 34.76\% | 0.5\% | 11.99\% | 26.07\% | 10.19\% | 13.01\% |
| Equity Options |  | 5.5\% | 5.0\% | 0.5\% | 6.63\% | 13.76\% | n/a | n/a |
| Private Equity |  | 7.2\% | 7.2\% | 0.0\% | 7.60\% | 15.36\% | 10.19\% | 13.67\% |
| Real Assets |  | 9.8\% | 10.0\% | -0.2\% |  |  |  |  |
| Private Real Estate |  | 5.7\% | 5.7\% | 0.0\% | 6.05\% | 10.36\% | 12.35\% | 15.23\% |
| Public Real Estate |  | 2.2\% | 2.3\% | -0.2\% | 5.65\% | 7.88\% | n/a | n/a |
| World Infrastructure |  | 2.0\% | 2.0\% | 0.0\% | 4.26\% | 14.99\% | n/a | n/a |
| Opportunistic |  | 14.0\% | 12.0\% | 2.0\% |  |  |  |  |
| GTAA |  | 9.4\% | 7.0\% | 2.4\% | 5.61\% | 11.20\% | 4.51\% | 4.67\% |
| Hedge Funds (Non-PA) |  | 1.1\% | 2.0\% | -0.9\% | 2.86\% | 5.03\% | $\mathrm{n} / \mathrm{a}$ | n/a |
| Other Opportunistic |  | 3.5\% | 3.0\% | 0.5\% | 5.16\% | n/a | n/a | n/a |
| Diversified Credit |  | 17.2\% | 18.0\% | -0.8\% |  |  |  |  |
| Mixed Credit |  | 5.9\% | 7.0\% | -1.0\% | 3.37\% | 7.04\% | 4.16\% | 4.17\% |
| Emerging Markets Debt |  | 5.2\% | 5.0\% | 0.2\% | 3.98\% | 13.60\% | 6.28\% | 1.97\% |
| Private Debt |  | 6.0\% | 6.0\% | 0.0\% | 4.24\% | 5.15\% | 5.23\% | 8.00\% |
| Conservative Fixed Income |  | 11.0\% | 13.0\% | -2.0\% |  |  |  |  |
| Core Fixed Income |  | 10.0\% | 10.0\% | 0.0\% | 1.05\% | 3.38\% | 2.19\% | 1.95\% |
| Cash and Short Duration (Net) |  | 1.0\% | 3.0\% | -2.0\% | 0.55\% | 0.86\% | 0.41\% | 0.27\% |
| Portable Alpha Hedge Funds* |  | 9.2\%* | n/a | n/a | 5.48\% | 5.96\% | n/a | n/a |
| Total Plan 100.0\% |  |  |  |  |  |  |  |  |
| FYTD Contributions to Plan Value ${ }^{4}$ |  |  |  |  |  |  |  |  |
| $\sim 32,000$ |  |  |  |  |  |  |  |  |
| $\text { 들 } 31,500$ |  |  |  |  |  |  |  |  |
| E 31,000 |  |  |  |  | \$2,2 |  |  |  |
| 30,500 |  |  |  |  |  |  | \$31,801 |  |
| 30,000 |  |  |  |  |  |  |  |  |
| 29,500 | \$30,102 |  | (\$554) |  |  |  |  |  |
| 29,000 |  |  |  |  |  |  |  |  |
|  | Beginning Value N |  | Net Benefit Payments |  | Investment Performance |  | Ending Value |  |

[^0]
[^0]:    
     have changed over time. The policy benchmark return history represents a blend of these past policies.
    
     investment and administrative expenses.
    
     highlighted in the Statement of Investment Obiectives and Policies
    ${ }^{4}$ Values are in millions. Ending Value may differ slightly from Beginning Value plus Net Benefit Payments and Investment Performance due to rounding.
    ${ }^{5}$ Sub-asset class percentages may not add up to asset class percentages and allocation percentages may not add up to $100 \%$ due to rounding.
     include blended physical and synthetic returns and notional values.
    *Portable Alpha Hedge Funds are expressed as gross exposure but, as collateral supporting the Overlay program, net to zero when calculating total Plan market value.
     calculate returns or compare multiple funds, including private equity funds.

