Vermont State Teachers Retirement Plan

## Quarterly Plan Review

For the Period From January 1, 2016 to March 31, 2016

## Table of Contents

## Executive Summary

Plan Assets
Contributions
Participation
Distributions
Reality Investing
Disclosures

## Executive Summary

## Total Assets

- Assets at March 31, 2016
- Less assets at December 31, 2015 $\$ 71.39$
- Asset change for the quarter
\$2.52


## Asset Components

- Contributions for the quarter
\$2.48
Less distributions for the quarter -\$0.83
- Net investment gain for the quarter \$0.87
- Asset change for the quarter \$2.52


## Executive Summary

- Plan assets were at $\$ 73.91$ million as of March 31, 2016
- Plan assets grew by $\$ 2.52$ million (3.5\%) from January 1, 2016 to March 31, 2016
- Contributions were $\$ 2.48$ million from January 1, 2016 to March 31, 2016
- From January 1, 2016 to March 31, 2016 there were 2,412 participants


## Asset Growth



## Assets by Asset Class



## Percentage of Assets by Asset Class

| 403(b) Plan | Self <br> Directed | Target <br> Date | Small <br> Internat' | Mid <br> Cap | Large <br> Cap | Cap | Specialty | Bond | Fixed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| $1 / 1 / 2015$ to $3 / 31 / 2015$ | $0.6 \%$ | $29.8 \%$ | $10.6 \%$ | $6.9 \%$ | $10.0 \%$ | $15.3 \%$ | $5.5 \%$ | $10.1 \%$ | $11.3 \%$ |
| $4 / 1 / 2015$ to $6 / 30 / 2015$ | $0.3 \%$ | $28.9 \%$ | $10.8 \%$ | $6.9 \%$ | $10.4 \%$ | $15.2 \%$ | $8.0 \%$ | $8.6 \%$ | $10.9 \%$ |
| $7 / 1 / 2015$ to $9 / 30 / 2015$ | $0.3 \%$ | $29.1 \%$ | $9.5 \%$ | $6.4 \%$ | $10.2 \%$ | $15.4 \%$ | $6.7 \%$ | $10.5 \%$ | $12.0 \%$ |
| $10 / 1 / 2015$ to $12 / 31 / 2015$ | $0.4 \%$ | $29.3 \%$ | $9.4 \%$ | $7.1 \%$ | $10.3 \%$ | $15.8 \%$ | $6.3 \%$ | $9.9 \%$ | $11.5 \%$ |
| $1 / 1 / 2016$ to $3 / 31 / 2016$ | $0.4 \%$ | $28.6 \%$ | $9.0 \%$ | $6.3 \%$ | $10.0 \%$ | $17.4 \%$ | $6.0 \%$ | $10.3 \%$ | $11.9 \%$ |

## Assets by Investment Options



## Asset Distribution by Fund

| Active Participants: |  |
| :---: | ---: |
| $3 / 31 / 2015$ | $\mathbf{2 , 1 5 6}$ |
| $6 / 30 / 2015$ | 2,322 |
| $9 / 30 / 2015$ | 2,379 |
| $12 / 31 / 2015$ | 2,398 |
| $3 / 31 / 2016$ | $\mathbf{2 , 4 1 2}$ |
|  |  |
| Average Account |  |
| Balance per Participant: |  |
| $3 / 31 / 2015$ | $\$ 30,413$ |
| $6 / 30 / 2015$ | $\$ 30,949$ |
| $9 / 30 / 2015$ | $\$ 28,602$ |
| $12 / 31 / 2015$ | $\$ 29,770$ |
| $3 / 31 / 2016$ | $\$ 30,644$ |
|  |  |
| Average Number of |  |
| Investment Options |  |
| per Participant: |  |
| $3 / 31 / 2015$ | $\mathbf{3 . 9}$ |
| $6 / 30 / 2015$ | $\mathbf{4 . 1}$ |
| $9 / 30 / 2015$ | $\mathbf{4 . 3}$ |
| $12 / 31 / 2015$ | 4.4 |
| $3 / 31 / 2016$ | $\mathbf{4 . 7}$ |


| Asset Class/Fund Name | 12/31/2015 |  |  | 3/31/2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Pct | Accts | Amount | Pct | Accts |
| Self-Directed |  |  |  |  |  |  |
| Schw ab SDB Money Market | 18,212 | 0.0\% | 4 | 13,761 | 0.0\% | 4 |
| Schw ab SDB Securities | 256,895 | 0.4\% | 4 | 264,651 | 0.4\% | 4 |
|  | 275,107 | 0.4\% |  | 278,412 | 0.4\% |  |
| Target Date |  |  |  |  |  |  |
| T. Rowe Price 2010 Fund | 2,598,460 | 3.6\% | 79 | 2,536,916 | 3.4\% | 76 |
| T. Row e Price 2020 Fund | 7,208,883 | 10.1\% | 218 | 7,525,746 | 10.2\% | 217 |
| T. Rowe Price 2030 Fund | 6,038,949 | 8.5\% | 220 | 5,982,864 | 8.1\% | 218 |
| T. Rowe Price 2040 Fund | 3,321,605 | 4.7\% | 166 | 3,329,565 | 4.5\% | 164 |
| T. Row e Price Balanced Fund | 1,721,680 | 2.4\% | 150 | 1,763,480 | 2.4\% | 145 |
|  | 20,889,578 | 29.3\% |  | 21,138,570 | 28.6\% |  |
| International |  |  |  |  |  |  |
| Vanguard Total Intl Stock Index Inv | 6,732,250 | 9.4\% | 1,437 | 6,677,274 | 9.0\% | 1,458 |
|  | 6,732,250 | 9.4\% |  | 6,677,274 | 9.0\% |  |
| Small-Cap |  |  |  |  |  |  |
| Vanguard Small-Cap Index Fund - Inv | 5,077,904 | 7.1\% | 1,458 | 4,672,450 | 6.3\% | 1,480 |
|  | 5,077,904 | 7.1\% |  | 4,672,450 | 6.3\% |  |
| Mid-Cap |  |  |  |  |  |  |
| Vanguard Mid Cap Index Ins | 7,341,326 | 10.3\% | 1,522 | 7,376,414 | 10.0\% | 1,541 |
|  | 7,341,326 | 10.3\% |  | 7,376,414 | 10.0\% |  |
| Large-Cap |  |  |  |  |  |  |
| Vanguard Institutional Index I | 11,286,047 | 15.8\% | 1,472 | 12,886,585 | 17.4\% | 1,492 |
|  | 11,286,047 | 15.8\% |  | 12,886,585 | 17.4\% |  |
| Specialty |  |  |  |  |  |  |
| Calvert Equity Portfolio A | 1,108,099 | 1.6\% | 150 | 1,161,672 | 1.6\% | 152 |
| PIMCO Total Return III Instl | 3,187,129 | 4.5\% | 1,246 | 2,872,645 | 3.9\% | 1,256 |
| Pax Global Envrnmntl Mkts Instl | 174,379 | 0.2\% | 310 | 423,176 | 0.6\% | 733 |
|  | 4,469,607 | 6.3\% |  | 4,457,493 | 6.0\% |  |
| Bond |  |  |  |  |  |  |
| Vanguard Total Bond Market Index Inv | 7,085,792 | 9.9\% | 1,346 | 7,600,222 | 10.3\% | 1,369 |
|  | 7,085,792 | 9.9\% |  | 7,600,222 | 10.3\% |  |
| Fixed |  |  |  |  |  |  |
| Great-West Portfolio Fund | 8,230,951 | 11.5\% | 736 | 8,826,311 | 11.9\% | 1,035 |
|  | 8,230,951 | 11.5\% |  | 8,826,311 | 11.9\% |  |
|  | 71,388,562 | 100.0\% |  | 73,913,732 | 100.0\% |  |

## Contribution History



## Contribution by Asset Class




## Percentage of Contributions by Asset Class

| 403(b) Plan | Target <br> Date | Internat'l | Small <br> Cap | Mid <br> Cap | Large <br> Cap | Specialty | Bond | Fixed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1 / 1 / 2015$ to $3 / 31 / 2015$ | $28.2 \%$ | $13.6 \%$ | $7.1 \%$ | $9.7 \%$ | $15.8 \%$ | $5.0 \%$ | $11.5 \%$ | $9.2 \%$ |
| $4 / 1 / 2015$ to $6 / 30 / 2015$ | $16.2 \%$ | $11.4 \%$ | $7.4 \%$ | $9.5 \%$ | $19.7 \%$ | $24.9 \%$ | $3.6 \%$ | $7.2 \%$ |
| $7 / 1 / 2015$ to $9 / 30 / 2015$ | $31.2 \%$ | $12.6 \%$ | $6.2 \%$ | $10.1 \%$ | $14.3 \%$ | $6.7 \%$ | $9.1 \%$ | $9.9 \%$ |
| $10 / 1 / 2015$ to $12 / 31 / 2015$ | $27.5 \%$ | $12.6 \%$ | $6.9 \%$ | $9.6 \%$ | $16.4 \%$ | $6.6 \%$ | $10.7 \%$ | $9.7 \%$ |
| $1 / 1 / 2016$ to $3 / 31 / 2016$ | $25.3 \%$ | $12.9 \%$ | $8.0 \%$ | $10.0 \%$ | $18.1 \%$ | $6.0 \%$ | $10.7 \%$ | $9.2 \%$ |

## Contributions by Investment Option



## Contributions by Fund



| Asset Class/Fund Name | 10/1/2015 to 12/31/2015 |  |  | 1/1/2016 to 3/31/2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Pct | Accts | Amount | Pct | Accts |
| Target Date |  |  |  |  |  |  |
| T. Row e Price 2010 Fund | 41,018 | 1.6\% | 44 | 36,301 | 1.5\% | 42 |
| T. Rowe Price 2020 Fund | 245,587 | 9.7\% | 168 | 222,670 | 9.0\% | 170 |
| T. Rowe Price 2030 Fund | 234,615 | 9.3\% | 168 | 216,936 | 8.7\% | 173 |
| T. Rowe Price 2040 Fund | 114,564 | 4.5\% | 117 | 103,575 | 4.2\% | 122 |
| T. Rowe Price Balanced Fund | 60,493 | 2.4\% | 70 | 49,865 | 2.0\% | 64 |
|  | 696,276 | 27.5\% |  | 629,347 | 25.3\% |  |
| International |  |  |  |  |  |  |
| Vanguard Total Intl Stock Index Inv | 317,846 | 12.6\% | 1,077 | 319,320 | 12.9\% | 1,101 |
|  | 317,846 | 12.6\% |  | 319,320 | 12.9\% |  |
| Small-Cap |  |  |  |  |  |  |
| Vanguard Small-Cap Index Fund - Inv | 174,542 | 6.9\% | 1,103 | 198,238 | 8.0\% | 1,128 |
|  | 174,542 | 6.9\% |  | 198,238 | 8.0\% |  |
| Mid-Cap |  |  |  |  |  |  |
| Vanguard Mid Cap Index Ins | 242,639 | 9.6\% | 1,146 | 247,279 | 10.0\% | 1,165 |
|  | 242,639 | 9.6\% |  | 247,279 | 10.0\% |  |
| Large-Cap |  |  |  |  |  |  |
| Vanguard Institutional Index I | 415,974 | 16.4\% | 1,108 | 449,148 | 18.1\% | 1,129 |
|  | 415,974 | 16.4\% |  | 449,148 | 18.1\% |  |
| Specialty |  |  |  |  |  |  |
| Calvert Equity Portfolio A | 37,105 | 1.5\% | 110 | 40,648 | 1.6\% | 112 |
| PIMCO Total Return III Instl | 116,872 | 4.6\% | 804 | 95,087 | 3.8\% | 838 |
| Pax Global Envrnmntl Mkts Inst\| | 13,959 | 0.6\% | 401 | 12,385 | 0.5\% | 679 |
|  | 167,936 | 6.6\% |  | 148,120 | 6.0\% |  |
| Bond |  |  |  |  |  |  |
| Vanguard Total Bond Market Index Inv | 270,375 | 10.7\% | 981 | 264,686 | 10.7\% | 1,001 |
|  | 270,375 | 10.7\% |  | 264,686 | 10.7\% |  |
| Fixed |  |  |  |  |  |  |
| Great-West Portfolio Fund | 246,062 | 9.7\% | 461 | 227,894 | 9.2\% | 740 |
|  | 246,062 | 9.7\% |  | 227,894 | 9.2\% |  |
|  | 2,531,649 | 100.0\% |  | 2,484,031 | 100.0\% |  |

## Plan Participation



## Benefit Payment Distribution

Full Withdrawals
Death
QDRO
Retirement
Separation of Service
Total Full Withdrawals:

Partial Withdrawals
Age 59½
Contribution Exchange
Hardship
n Service
Loan
Minimum Distribution
QDRO
Retirement
Separation of Service
Service Credit
Total Partial Withdrawals:

Periodic Payments
Minimum Distribution
Retirement
Total Periodic Payments:

| 10/1/2015 to 12/31/2015 |  |  | 1/1/2016 to 3/31/2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Pct | Count | Amount | Pct | Count |
| 0 | 0.0\% | 0 | 12,426 | 1.5\% | 2 |
| 0 | 0.0\% | 0 | 7,001 | 0.8\% | 1 |
| 246,047 | 21.0\% | 4 | 26,406 | 3.2\% | 2 |
| 645,412 | 55.0\% | 21 | 442,401 | 53.5\% | 10 |
| 891,459 | 76.0\% | 25 | 488,234 | 59.0\% | 15 |
| 76,380 | 6.5\% | 1 | 185,540 | 22.4\% | 6 |
| 20,864 | 1.8\% | 2 | 11,043 | 1.3\% | 1 |
| 0 | 0.0\% | 0 | 17,921 | 2.2\% | 2 |
| 4,009 | 0.3\% | 1 | 4,029 | 0.5\% | 1 |
| 37,087 | 3.2\% | 2 | 67,354 | 8.1\% | 4 |
| 0 | 0.0\% | 0 | 1,649 | 0.2\% | 1 |
| 52,603 | 4.5\% | 1 | 11,444 | 1.4\% | 1 |
| 12,000 | 1.0\% | 1 | 0 | 0.0\% | 0 |
| 61,484 | 5.2\% | 4 | 21,368 | 2.6\% | 4 |
| 0 | 0.0\% | 0 | 10,927 | 1.3\% | 1 |
| 264,428 | 22.5\% | 12 | 331,275 | 40.1\% | 21 |
| 5,088 | 0.4\% | 6 | 2,714 | 0.3\% | 4 |
| 12,010 | 1.0\% | 3 | 4,900 | 0.6\% | 3 |
| 17,098 | 1.5\% | 9 | 7,614 | 0.9\% | 7 |
| 1,172,985 | 100.0\% | 46 | 827,123 | 100.0\% | 43 |

## AdvisedAssetsGroup

Service Utilization by Number of Participants


## AdvisedAssetsGroup

## Service Utilization by Assets



## Total Plan Field Activity For Supervisory Union

| Field <br> Activity | 1st Quarter <br> 2016 | 2nd Quarter <br> 2016 | 3rd Quarter <br> 2016 | 4th Quarter <br> 2016 | YTD Totals <br> (01/01/16-03/31/16) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Group Meetings | 2 |  |  |  |  |
| Total Appointments | 169 |  |  |  |  |
| New Enrollments | 40 |  |  |  |  |
| ncreases by AE | 44 |  |  |  |  |
| Managed Amounts/Increases by AE Annualized Contributions | \$1,142,200 |  |  |  |  |
| Managed Account Participants - New | 34 |  |  |  |  |
| Roll Ins | \$121,310 |  |  |  |  |

## DISCLOSURES

Core securities, when offered, are offered through GWFS Equities, Inc. and/or other broker dealers.

GWFS Equities, Inc., Member FINRA/SIPC, is a wholly owned subsidiary of Great-West Life \& Annuity Insurance Company. Empower Retirement refers to the products and services offered in the retirement markets by Great-West Life \& Annuity Insurance Company (GWL\&A), Corporate Headquarters: Greenwood Village, CO; Great-West Life \& Annuity Insurance Company of New York, Home Office: White Plains, NY; and their subsidiaries and affiliates. The trademarks, logos, service marks, and design elements used are owned by their respective owners and are used by permission.

##  <br> EMPOWER'

