Vermont State Teachers Retirement Plan



Quarterly Plan Review

For the Period From October 1, 2017 to December 31, 2017

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Executive Summary

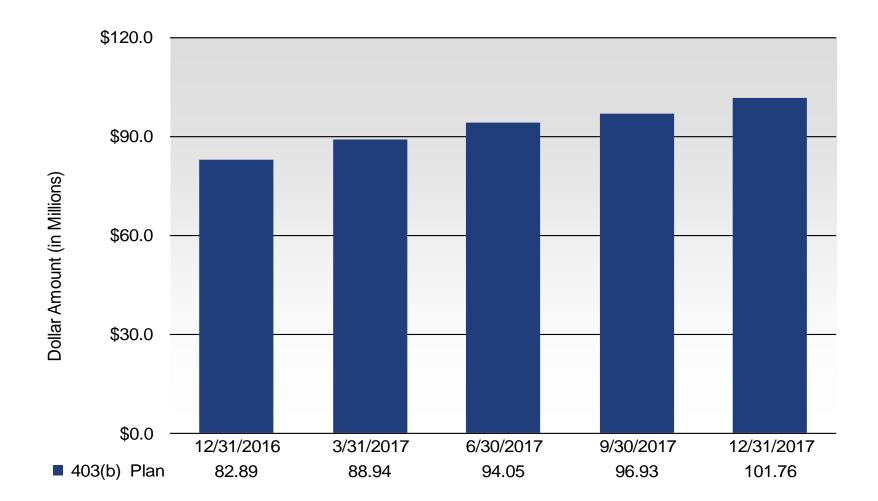
Total Assets

◆ Assets at December 31, 2017	\$101.75
◆ Less assets at September 30, 2017	\$96.92
◆ Asset change for the quarter	\$4.83
Asset Components	
◆ Contributions for the quarter	\$2.80
◆ Less distributions for the quarter	-\$1.55
 Net investment gain for the quarter 	<u>\$3.58</u>
◆ Asset change for the quarter	\$4.83

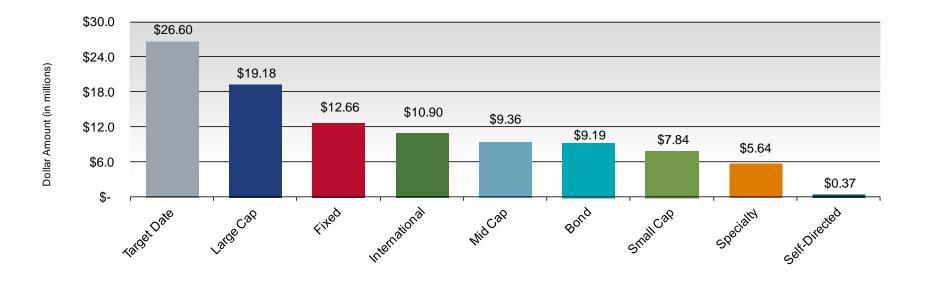
Executive Summary

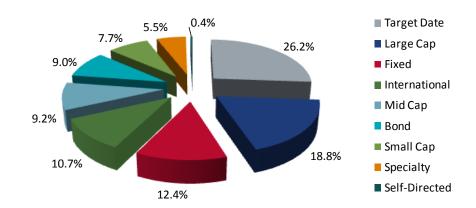
- ◆ Plan assets were at \$101.75 million as of December 31, 2017
- ♦ Plan assets grew by \$4.83 million (5.0%) from October 1, 2017 to December 31, 2017
- ◆ Contributions were \$2.80 million from October 1, 2017 to December 31, 2017
- ♦ From October 1, 2017 to December 31, 2017 there were 2,593 participants

Asset Growth



Assets by Asset Class

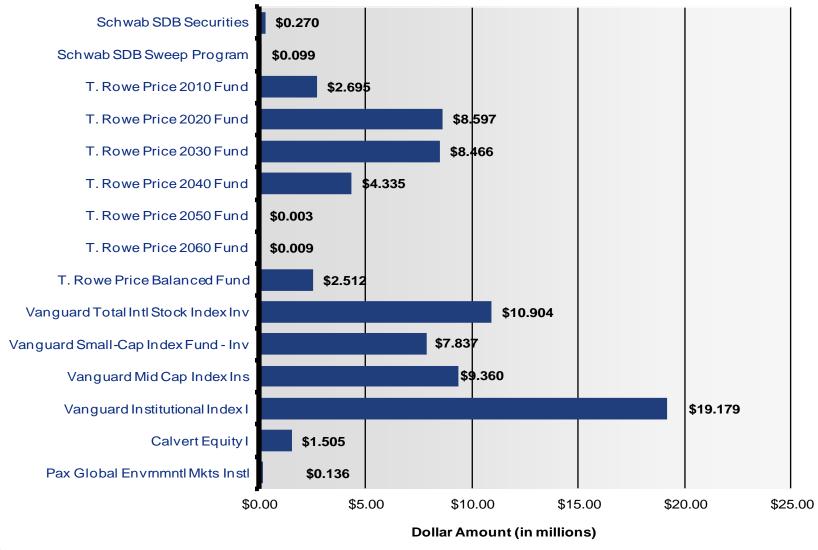




Percentage of Assets by Asset Class

403(b) Plan	Self	Target		Small	Mid	Large			
403(b) Flaii	Directed	Date	Internat'l	Cap	Cap	Cap	Specialty	Bond	Fixed
10/1/2016 to 12/31/2016	0.4%	27.0%	8.4%	6.7%	9.5%	19.6%	4.1%	13.1%	11.3%
1/1/2017 to 3/31/2017	0.4%	26.5%	9.3%	7.2%	9.8%	18.2%	4.3%	12.7%	11.8%
4/1/2017 to 6/30/2017	0.4%	26.0%	10.7%	8.5%	8.3%	18.6%	3.5%	11.3%	12.7%
7/1/2017 to 9/30/2017	0.4%	26.1%	10.7%	8.0%	8.6%	18.4%	4.6%	10.2%	13.0%
10/1/2017 to 12/31/2017	0.4%	26.2%	10.7%	7.7%	9.2%	18.8%	5.5%	9.0%	12.4%

Assets by Investment Options

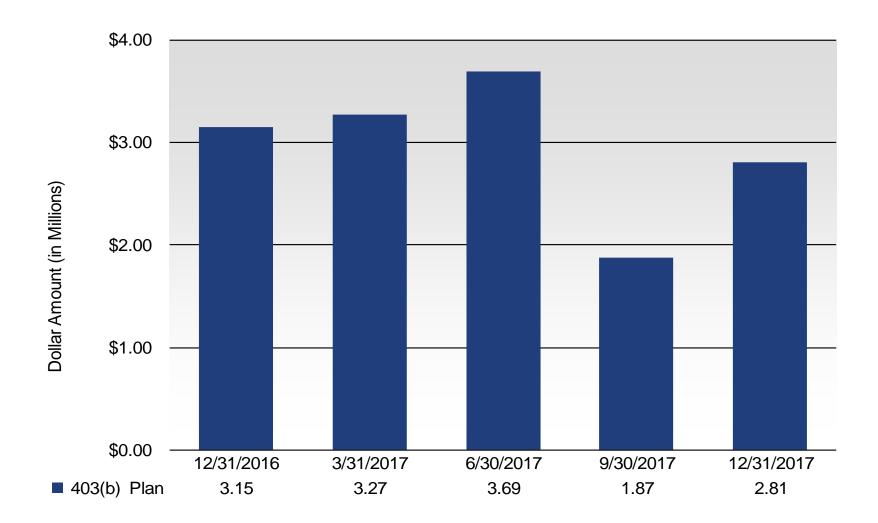


Asset Distribution by Fund

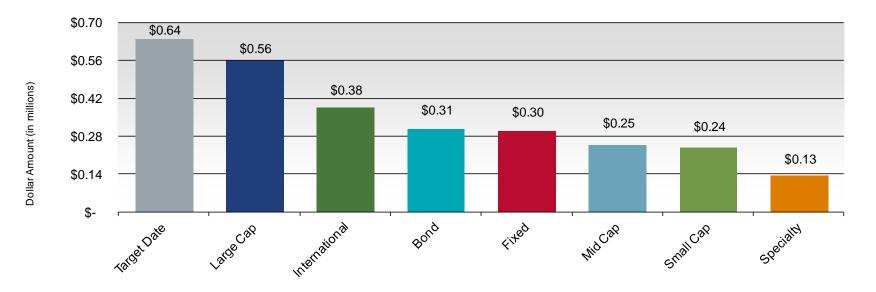
Active Participant 12/31/2016 3/31/2017 6/30/2017 9/30/2017 12/31/2017	2,490 2,499 2,542 2,567 2,593
	cipant: \$33,287 \$35,590
Average Number Investment Option per Participant: 12/31/2016 3/31/2017 6/30/2017 9/30/2017 12/31/2017	

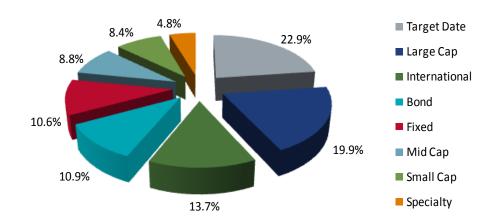
Asset Class/Fund Name	9/3	9/30/2017			31/2017	
	Amount	Pct	Accts	Amount	Pct	Accts
Self-Directed						
Schw ab SDB Securities	258,653	0.3%	4	270,321	0.3%	4
Schw ab SDB Sw eep Program	94,087	0.1%	4	99,296	0.1%	5
	352,740	0.4%		369,617	0.4%	
Target Date						
T. Row e Price 2010 Fund	2,574,793	2.7%	71	2,695,139	2.6%	70
T. Row e Price 2020 Fund	8,378,676	8.6%	196	8,596,819	8.4%	195
T. Row e Price 2030 Fund	7,891,134	8.1%	204	8,466,464	8.3%	207
T. Row e Price 2040 Fund	4,075,764	4.2%	165	4,334,987	4.3%	170
T. Row e Price 2050 Fund	364	0.0%	2	2,623	0.0%	4
T. Row e Price 2060 Fund	8,467	0.0%	2	9,459	0.0%	2
T. Row e Price Balanced Fund	2,416,646	2.5%	151	2,511,561	2.5%	154
	25,345,845	26.1%	[26,617,053	26.2%	
International						
Vanguard Total Intl Stock Index Inv	10,340,335	10.7%	1,634	10,904,254	10.7%	1,661
	10,340,335	10.7%		10,904,254	10.7%	
Small-Cap						
Vanguard Small-Cap Index Fund - Inv	7,745,461	8.0%	1,657	7,837,317	7.7%	1,681
	7,745,461	8.0%		7,837,317	7.7%	
Mid-Cap						
Vanguard Mid Cap Index Ins	8,320,579	8.6%	1,725	9,359,982	9.2%	1,749
	8,320,579	8.6%		9,359,982	9.2%	
Large-Cap						
Vanguard Institutional Index I	17,866,651	18.4%	1,676	19,178,854	18.8%	1,705
	17,866,651	18.4%		19,178,854	18.8%	
Specialty						
Calvert Equity I	1,381,659	1.4%	142	1,505,416	1.5%	142
Pax Global Envrnmntl Mkts Instl	96,386	0.1%	43	135,721	0.1%	42
PIMCO Total Return ESG Instl	2,953,360	3.0%	1,371	3,994,630	3.9%	1,451
	4,431,406	4.6%		5,635,767	5.5%	
Bond						
Vanguard Total Bond Market Index Inst	9,901,551	10.2%	1,557	9,194,330	9.0%	1,578
	9,901,551	10.2%		9,194,330	9.0%	
Fixed						
Great-West Portfolio Fund	12,624,281	13.0%	1,533	12,664,680	12.4%	1,554
	12,624,281	13.0%		12,664,680	12.4%	
	96,928,849	100.0%		101,761,853	100.0%	
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Contribution History



Contribution by Asset Class

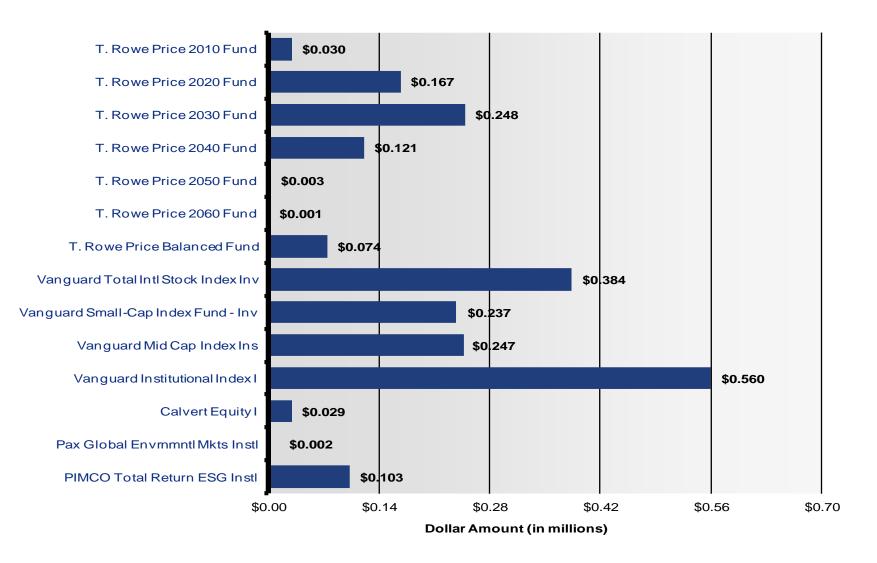




Percentage of Contributions by Asset Class

403(b) Plan	Target		Small	Mid	Large			
403(b) Fidii	Date	Internat'l	Cap	Cap	Cap	Specialty	Bond	Fixed
10/1/2016 to 12/31/2016	26.0%	11.2%	8.5%	8.2%	19.0%	4.5%	14.8%	7.7%
1/1/2017 to 3/31/2017	17.3%	12.5%	6.6%	10.5%	22.1%	5.2%	19.0%	6.8%
4/1/2017 to 6/30/2017	21.1%	13.8%	9.7%	7.5%	21.2%	3.7%	12.9%	10.2%
7/1/2017 to 9/30/2017	26.4%	11.8%	7.5%	7.1%	16.8%	3.7%	11.4%	15.3%
10/1/2017 to 12/31/2017	22.9%	13.7%	8.4%	8.8%	19.9%	4.8%	10.9%	10.6%

Contributions by Investment Option

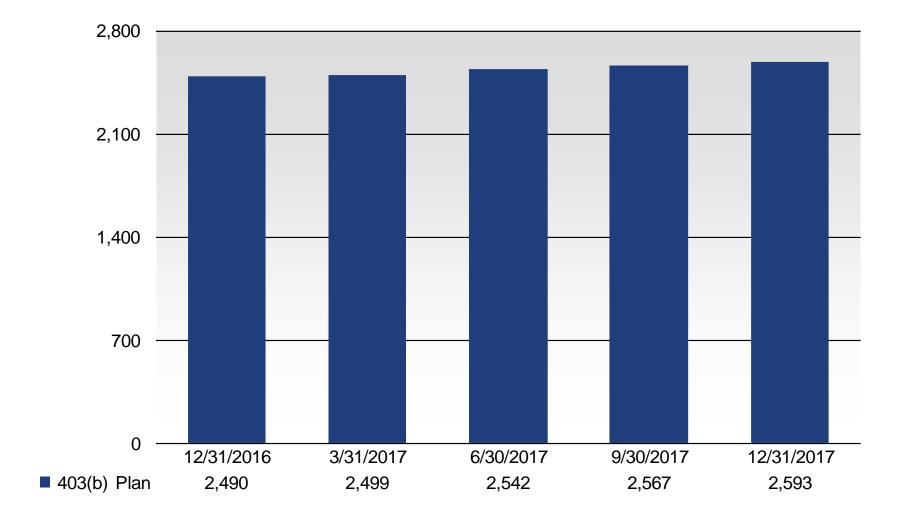


Contributions by Fund

Contributing Partic	ipants:
12/31/2016 3/31/2017 6/30/2017 9/30/2017 12/31/2017	1,735 1,750 1,796 1,710 1,755
Average Contributions per F 12/31/2016 3/31/2017 6/30/2017 9/30/2017 12/31/2017	Participant: \$1,816 \$1,871 \$2,055 \$1,094 \$1,600
Average Number of Investment Options per Participant: 12/31/2016 3/31/2017 6/30/2017 9/30/2017 12/31/2017	

Asset Class/Fund Name	7/1/2017	7/1/2017 to 9/30/2017			to 12/31/20	17
	Amount	Pct	Accts	Amount	Pct	Accts
Target Date						
T. Row e Price 2010 Fund	22,041	1.2%	35	29,616	1.1%	32
T. Row e Price 2020 Fund	115,947	6.2%	127	166,855	5.9%	126
T. Row e Price 2030 Fund	146,619	7.8%	147	248,312	8.8%	150
T. Row e Price 2040 Fund	64,134	3.4%	104	120,819	4.3%	108
T. Row e Price 2050 Fund	362	0.0%	2	2,634	0.1%	6
T. Row e Price 2060 Fund	87	0.0%	1	611	0.0%	1
T. Row e Price Balanced Fund	144,947	7.8%	62	74,265	2.6%	61
	494,137	26.4%		643,113	22.9%	
International						
Vanguard Total Intl Stock Index Inv	221,037	11.8%	1,155	383,906	13.7%	1,205
	221,037	11.8%		383,906	13.7%	
Small-Cap	Í			,		
Vanguard Small-Cap Index Fund - Inv	141,067	7.5%	1,178	236,583	8.4%	1,224
•	141,067	7.5%		236,583	8.4%	
Mid-Cap	,	,		_00,000	0.170	
Vanguard Mid Cap Index Ins	132,789	7.1%	1,216	246,775	8.8%	1,261
	132,789	7.1%	<i>'</i>	246,775	8.8%	,
Large-Cap	102,103	7.170		240,110	0.070	
Vanguard Institutional Index I	313,416	16.8%	1,187	559,651	19.9%	1,236
	313,416	16.8%	.,	559,651	19.9%	-,
Specialty	313,410	10.070		339,031	13.3/0	
Calvert Equity I	21,665	1.2%	99	29,136	1.0%	97
Pax Global Envrnmntl Mkts Instl	2,530	0.1%	18	2,123	0.1%	18
PIMCO Total Return ESG Instl	44,894	2.4%	806	102,653	3.7%	968
T INDO TOTAL	69,089	3.7%	000	133,912	4.8%	000
Bond	09,009	3.1%		133,912	4.0%	
Vanguard Total Bond Market Index Inst	213,042	11.4%	1,071	306,012	10.9%	1,117
Valigual u Total Bollu Walket Illuex Illst	_;		1,071			1,117
 .	213,042	11.4%		306,012	10.9%	
Fixed Creat West Partialis Fund	005 500	45.00/	1 044	000.004	40.00/	4 004
Great-West Portfolio Fund	285,569	15.3%	1,041	298,024	10.6%	1,081
	285,569	15.3%		298,024	10.6%	
	1,870,147	100.0%		2,807,975	100.0%	

Plan Participation



Benefit Payment Distribution

Full Withdrawals

Retirement
Separation of Service
Total Full Withdrawals:

Partial Withdrawals

Age 59½
Contribution Exchange
Hardship
In Service
Loan
Minimum Distribution
Retirement
Separation of Service
Service Credit

Periodic Payments

Beneficiary Payment Minimum Distribution Retirement

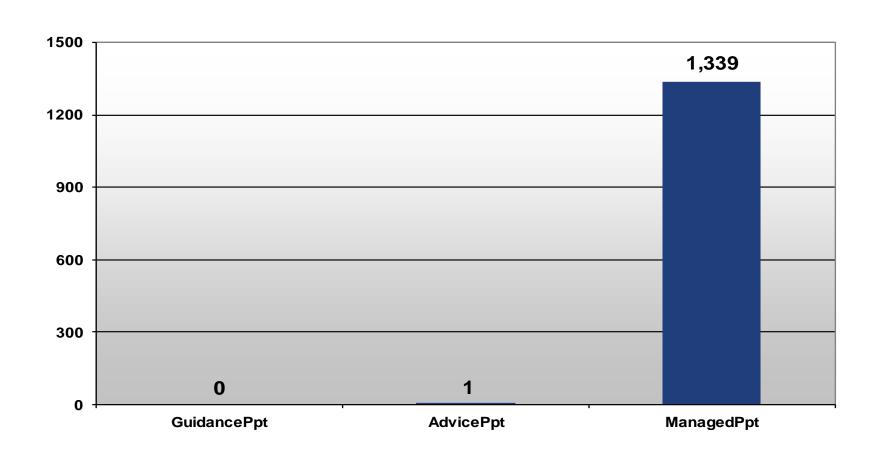
Total Periodic Payments:

Total Partial Withdrawals:

7/1/2017	to 9/30/20)17	10/1/201	2017	
Amount	Pct	Count	Amount	Pct	Count
837,182	41.2%	11	492	0.0%	2
634,202	31.2%	20	1,135,204	73.0%	20
1,471,384	72.4%	31	1,135,696	73.1%	22
281,814	13.9%	8	178,016	11.5%	6
11,457	0.6%	1	0	0.0%	0
37,377	1.8%	3	34,247	2.2%	1
22,813	1.1%	2	2,680	0.2%	1
10,000	0.5%	1	53,685	3.5%	3
607	0.0%	1	4,159	0.3%	2
94,339	4.6%	4	40,583	2.6%	1
57,282	2.8%	7	53,025	3.4%	3
0	0.0%	0	4,304	0.3%	1
515,688	25.4%	27	370,699	23.8%	18
2,550	0.1%	1	2,550	0.2%	1
10,896	0.5%	7	14,158	0.9%	12
31,425	1.5%	8	31,425	2.0%	8
44,871	2.2%	16	48,133	3.1%	21
2,031,944	100.0%	74	1,554,528	100.0%	61

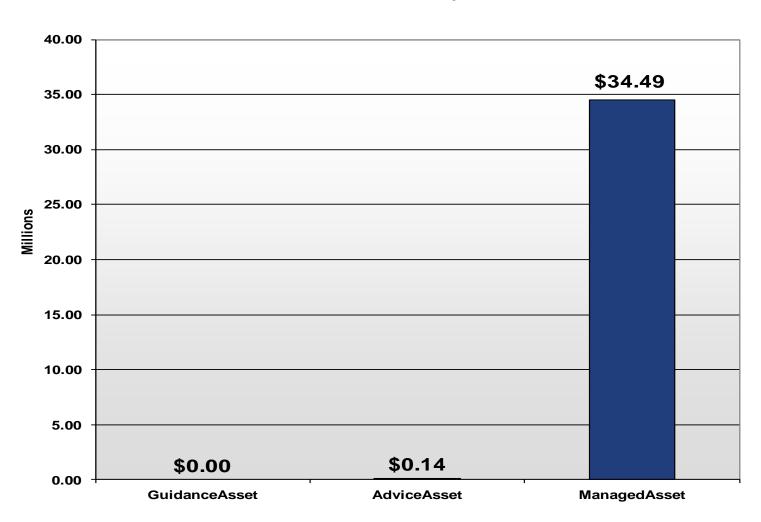


Service Utilization by Number of Participants





Service Utilization by Assets



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