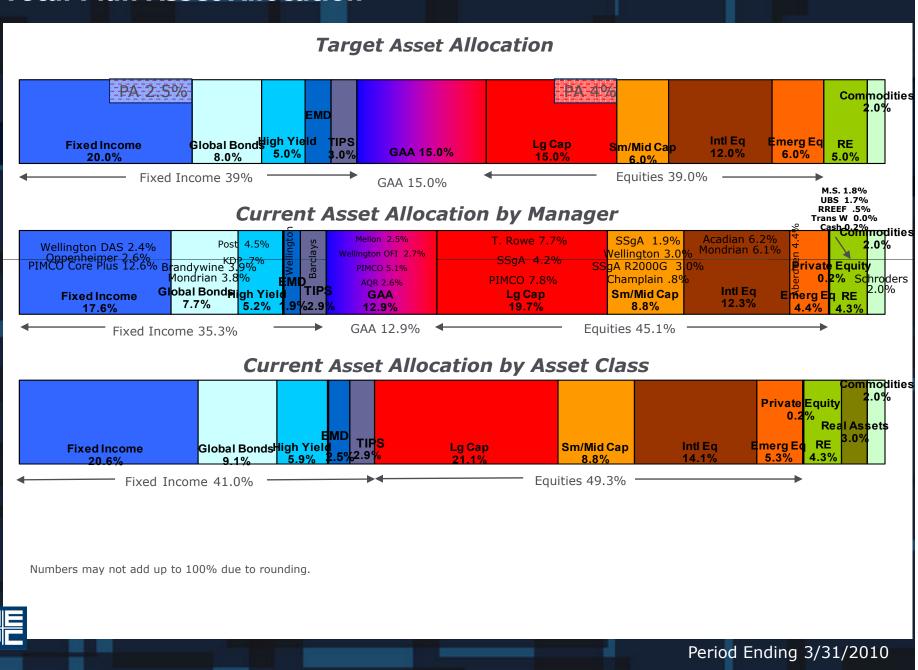
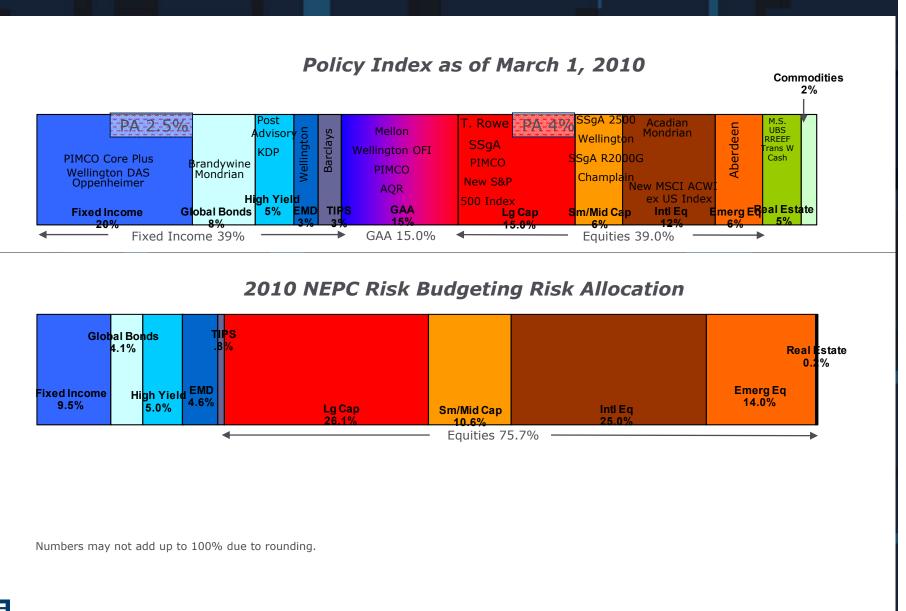
# State Teachers' Retirement System of Vermont

### **Total Plan Asset Allocation**



## Policy Asset Allocation and Risk Budgeting



# ICC Public DB Plans – Average Asset Allocation

100 - 90 - 80 -					
70 -					
60 -					
50 -					
40 -					
30 -					
20 -					
10 -					
0 -					
	ICC Public DB	Above \$1Billion	\$500M-\$1 Billion	\$100M-\$500 Million	Less Than \$100 Million
Observations	105	28	8	40	29
Int'l Dev'l	11.1	12.8	11.2	10.8	9.9
Emerg Mkt	1.1	1.9	0.4	1.3	0.2
🔳 Large Cap	24.5	21.2	24.1	26.4	25.2
Mid Cap	3.7	2.0	4.1	4.3	4.4
Small Cap	6.7	5.2	7.9	7.8	6.2
TAA - Domestic	6.1	10.0	7.6	3.6	5.5
TAA - Global	2.4	1.4	0.0	1.8	4.7
Fixed Income	27.2	18.1	17.6	27.5	38.3
GFI/EMD	3.0	4.5	2.1	4.2	0.1
High Yield	1.8	2.6	4.5	1.9	0.2
Cash Equiv	2.1	2.7	3.9	2.1	1.0
Hedge Fund	3.1	5.5	4.6	2.6	1.0
Private Equity	2.5	4.3	2.5	1.4	2.4
Real Estate	3.2	5.1	4.4	3.4	1.0

Period Ending 12/31/2009

# Asset Breakdown

	Domestic	Domestic	Domestic	Domestic	Domestic	Core	High		Int'l		Global	Real				
	Large Core	Smid	Small Core	Small Value	Small Growth	Fixed	Yield	TIPS	Equity	EMD	Bonds	Estate	GAA	Other	Cash	Total
Composite	\$269,446	\$10,911	\$26,665	\$41,246	\$41,215	\$241,177	\$71,870	\$39,627	\$228,171	\$27,141	\$106,093	\$58,268	\$176,536	\$30,381	\$224	\$1,368,971
Rowe	105,776	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$105,776
РІМСО	106,447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$106,447
SSgA Equal Wgt	57,223	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$57,223
Champlain	0	10,911	0	0	0	0	0	0	0	0	0	0	0	0	0	\$10,911
SgA R-2500	0	0	26,665	0	0	0	0	0	0	0	0	0	0	0	0	\$26,665
Vellington	0	0	0	41,246	0	0	0	0	0	0	0	0	0	0	0	\$41,246
SgA R-2000 Growth	0	0	0	0	41,215	0	0	0	0	0	0	0	0	0	0	\$41,215
Acadian	0	0	0	0	0	0	0	0	84,312	0	0	0	0	0	0	\$84,312
Mondrian	0	0	0	0	0	0	0	0	83,046	0	0	0	0	0	0	\$83,046
Aberdeen	0	0	0	0	0	0	0	0	60,813	0	0	0	0	0	0	\$60,813
Oppenheimer	0	0	0	0	0	35,748	0	0	0	0	0	0	0	0	0	\$35,748
Vellington DAS	0	0	0	0	0	33,227	0	0	0	0	0	0	0	0	0	\$33,227
PIMCO Core Plus	0	0	0	0	0	172,202	0	0	0	0	0	0	0	0	0	\$172,202
Post Advisory	0	0	0	0	0	0	61,604	0	0	0	0	0	0	0	0	\$61,604
(DP	0	0	0	0	0	0	10,266	0	0	0	0	0	0	0	0	\$10,266
Velligton EMD	0	0	0	0	0	0	0	0	0	27,141	0	0	0	0	0	\$27,141
Barclays	0	0	0	0	0	0	0	39,627	0	0	0	0	0	0	0	\$39,627
londrian	0	0	0	0	0	0	0	0	0	0	52,125	0	0	0	0	\$52,125
Brandywine	0	0	0	0	0	0	0	0	0	0	53,968	0	0	0	0	\$53,968
lorgan Stanely	0	0	0	0	0	0	0	0	0	0	0	24,909	0	0	0	\$24,909
JBS Realty	0	0	0	0	0	0	0	0	0	0	0	23,675	0	0	0	\$23,675
RREEF	0	0	0	0	0	0	0	0	0	0	0	7,035	0	0	0	\$7,035
Franswestern	0	0	0	0	0	0	0	0	0	0	0	535	0	0	0	\$535
Real Estate Cash	0	0	0	0	0	0	0	0	0	0	0	2,114	0	0	0	\$2,114
Viellon GA 1	0	0	0	0	0	0	0	0	0	0	0	0	34,646	0	0	\$34,646
PIMCO AA	0	0	0	0	0	0	0	0	0	0	0	0	69,399	0	0	\$69,399
Vellington OIF	0	0	0	0	0	0	0	0	0	0	0	0	37,230	0	0	\$37,230
AQR	0	0	0	0	0	0	0	0	0	0	0	0	35,261	0	0	\$35,261
Pru & VVC	0	0	0	0	0	0	0	0	0	0	0	0	0	2,809	0	\$2,809
Schroders	0	0	0	0	0	0	0	0	0	0	0	0	0	27,572	0	\$27,572
Vermont Cash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224	\$224
(Dollars in 000's)																



# **Total Fund Asset Growth Summary**

#### **VERMONT STATE TEACHERS**

TEACHERS' RETIREMENT SYSTEM CO Periods Ending March 31, 2010

#### Total Fund Asset Growth Summary (\$000)

	One Quarte	er Year to Date	e One Year	Since Inception	
TRS COMPOSITE					
Beginning Market Value	1,330,497	1,330,497	1,017,870	0	
Net External Growth	-9,738	-9,738	-70,621	-304,059	
Return on Investment	52,052	52,052	425,561	1,676,869	
Income Received	21	21	425	141,822	
Gain/Loss	52,031	52,031	425,136	1,535,047	
Ending Market Value	1,368,971	1,368,971	1,368,971	1,368,971	

Return 3.9% 3.9% 41.9%

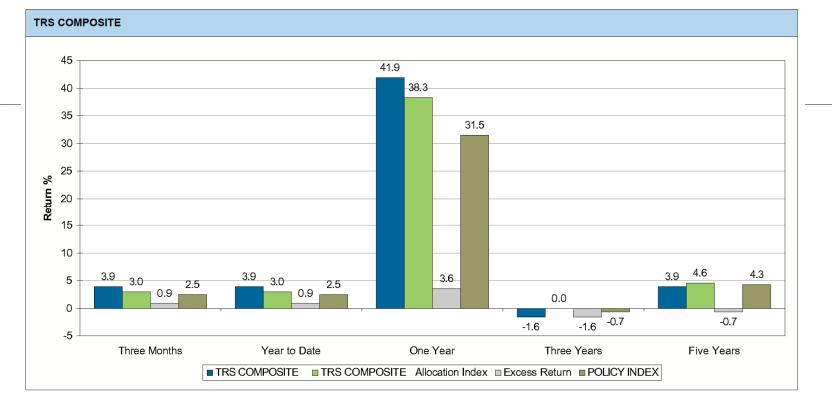


### Fund Performance vs. Benchmark

#### VERMONT STATE TEACHERS

POLICY INDEX Benchmark: Periods Ending March 31, 2010

Fund Performance vs. Benchmark



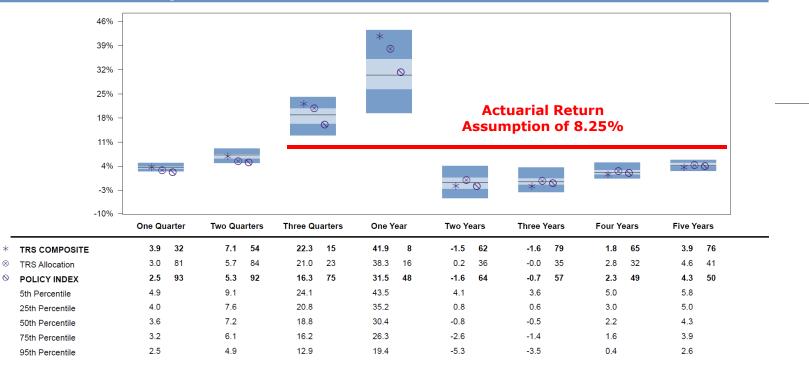
#### 03/31/2010

### **Total Public Funds Performance**

#### VERMONT STATE TEACHERS

Total Fund - Universe: Public Funds (DB) Periods Ending March 31, 2010

#### **Total Fund Performance - Trailing Periods**



### **Total Public Funds Performance**

#### VERMONT STATE TEACHERS

Total Fund - Universe: Public Funds (DB) Periods Ending March 31, 2010

#### **Total Fund Performance - Trailing Periods**



3.9

3.9

\*

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95th Percentile

3.2

2.5

6.0

### **Total Public Funds Performance**

#### VERMONT STATE TEACHERS

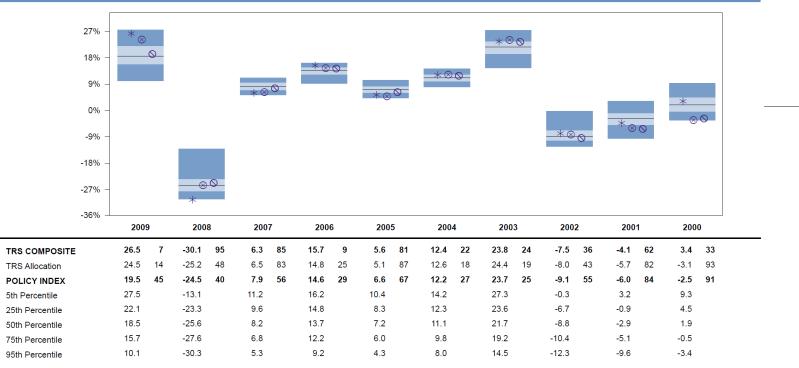
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Total Fund - Universe: Public Funds (DB) Period Ending December 31, 2009

#### Total Fund Performance - One Year Time Periods

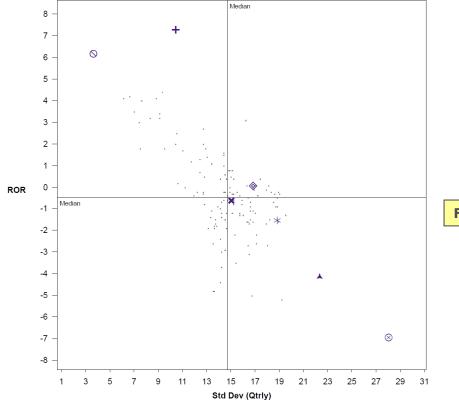


# Risk vs. Return Analysis – 3 Years

#### VERMONT STATE TEACHERS

Total Fund - Universe: Public Funds (DB) Period Ending March 31, 2010

Risk vs. Return - 3 Year



	NAME	Re	turn		ndard viation		arpe atio
*	TRS COMPOSITE	-1.6	79	18.9	97	-0.2	66
	TRS COMPOSITE Allocation Index	-0.0	35	16.9	82	-0.1	41
×	POLICY INDEX	-0.7	57	15.1	57	-0.2	61
•	S&P 500	-4.2	97	22.4	100	-0.3	90
0	BC AGGREGATE	6.1	1	3.7	1	1.1	1
$\otimes$	MSCI EAFE (NET)	-7.0	100	28.1	100	-0.3	95
+	CITIGROUP WORLD GOVT BOND	7.2	1	10.5	12	0.5	1
	Median	-0.5		14.7		-0.2	

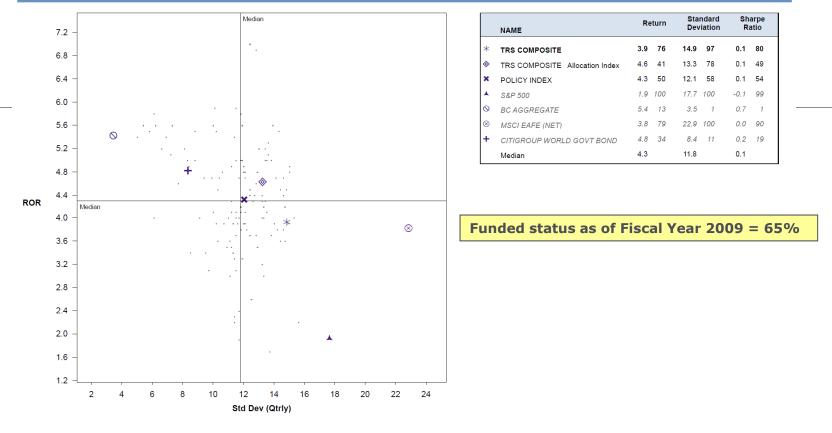
Funded status as of Fiscal Year 2009 = 65%

# Risk vs. Return Analysis – 5 Years

#### VERMONT STATE TEACHERS

Total Fund - Universe: Public Funds (DB) Period Ending March 31, 2010

Risk vs. Return - 5 Year

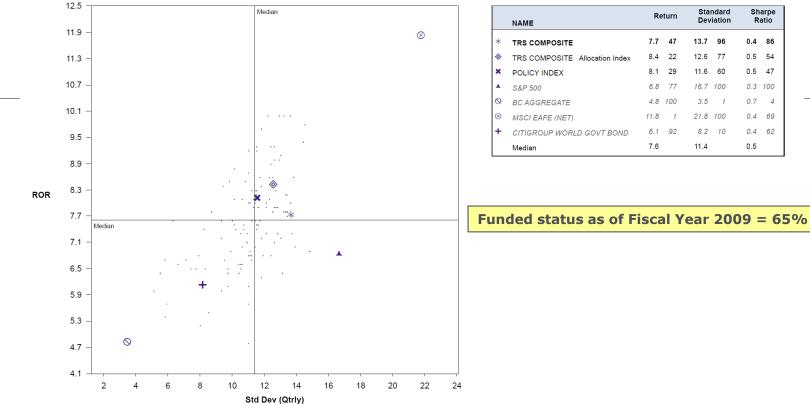


# Risk vs. Return Analysis – 7 Years

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Period Ending March 31, 2010





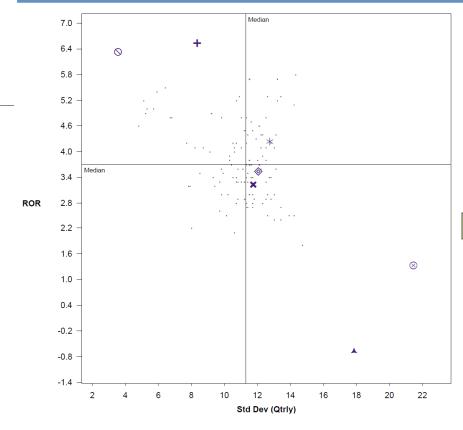
03/31/2010

# Risk vs. Return Analysis – 10 Years

#### VERMONT STATE TEACHERS

Total Fund - Universe: Public Funds (DB) Period Ending March 31, 2010

Risk vs. Return - 10 Year



	NAME		eturn		ndard viation		Sharpe Ratio	
	NAME							
*	TRS COMPOSITE	4.2	33	12.8	85	0.1	39	
<b></b>	TRS COMPOSITE Allocation Index	3.5	59	12.1	70	0.1	60	
×	POLICY INDEX	3.2	72	11.8	65	0.0	74	
	S&P 500	-0.7	100	17.9	100	-0.2	100	
0	BC AGGREGATE	6.3	1	3.6	1	1.0	2	
$\otimes$	MSCI EAFE (NET)	1.3	100	21.5	100	-0.1	99	
+	CITIGROUP WORLD GOVT BOND	6.5	1	8.4	12	0.4	3	
	Median	3.7		11.3		0.1		

