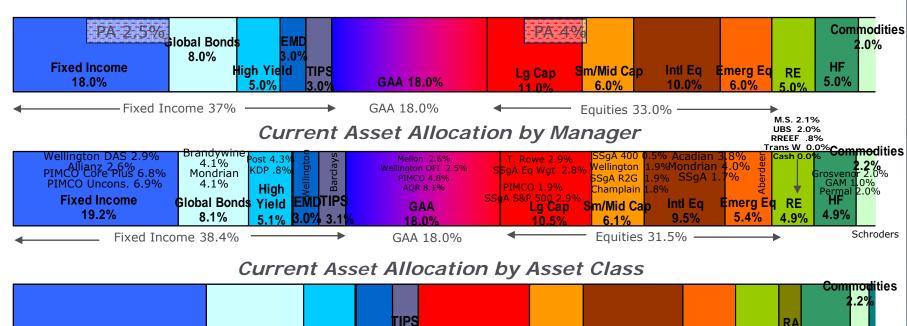


### **Total Plan Asset Allocation**





Lg Cap

Sm/Mid Cap

6.2%

Intl Eq

11.5%

Emerg Eq

6.2%

RE

12.9% 6.0% Fixed Income 47.0% Equities 36.8%-

Global Bonds High Yield EMD

11.3%

Numbers may not add up to 100% due to rounding. New Target Asset Allocation is effective as of 10/1/2011.

**Fixed Income** 

22.4%

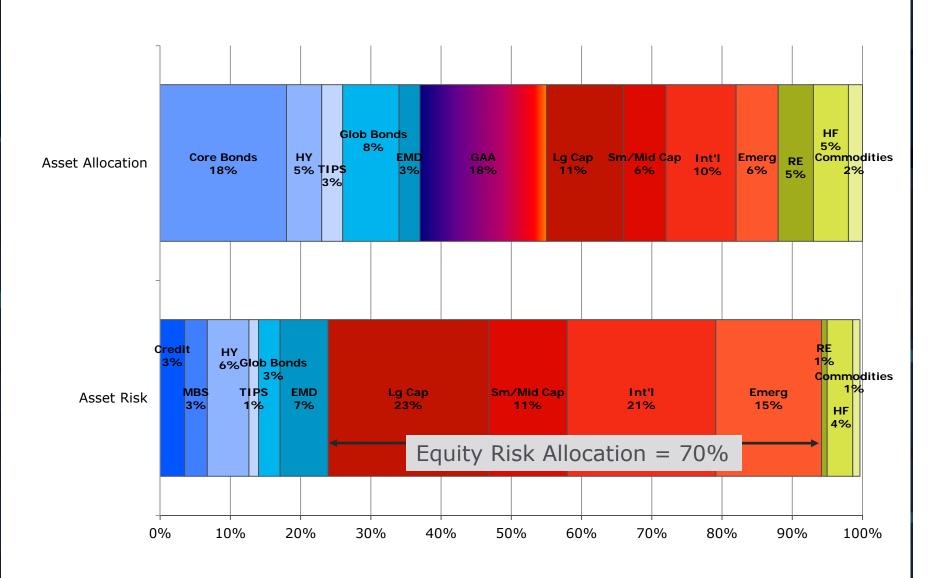


HF

5.6%

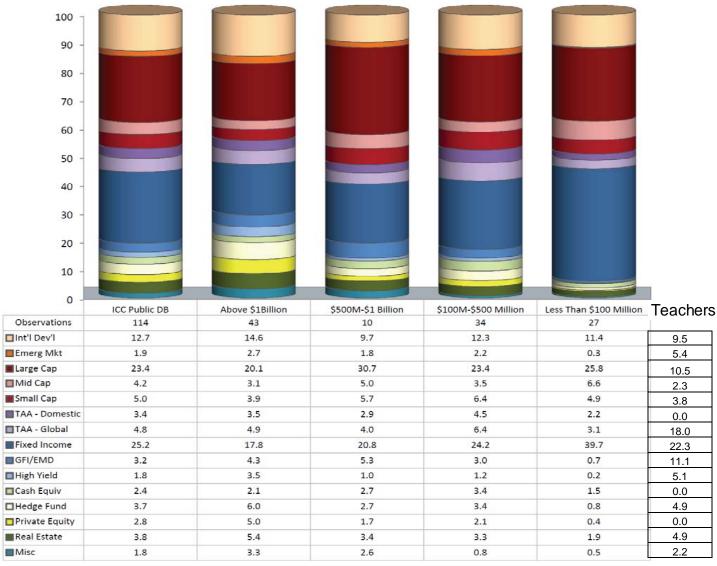
0.8%

## Policy Asset Allocation and Risk Budgeting





## ICC Public DB Plans - Average Asset Allocation



#### **Disclosure:**

Allocations may not add to 100% due to rounding. Average asset allocations shown include all portfolios submitted to the ICC universe as of 9/27/11 for periods ending 6/30/11. Portfolios included correspond with the ICC universe requirements and exclude portfolios meeting the following criteria: 1) An allocation greater than 95% to one asset class and 2) Portfolios not providing an asset allocation.



# Asset Breakdown

	Domestic	Domestic	Domestic	Domestic	Domestic	Core	High		Int'l		Global	Real				
	Large Core	Smid	Mid Core	Small Value	<b>Small Growth</b>	Fixed	Yield	TIPS	Equity	EMD	Bonds	Estate	GAA	Other	Cash	Total
Composite	\$149,456	\$25,902	\$6,728	\$26,893	\$26,918	\$273,085	\$72,690	\$44,630	\$212,472	\$42,996	\$115,822	\$69,553	\$256,635	\$100,585	\$222	\$1,424,587
T. Rowe	41,096	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$41,096
PIMCO	26,928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$26,928
SSgA Equal Wgt	40.291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$40,291
SSgA S&P 500	41,141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$41,141
Champlain	0	25,902	0	0	0	0	0	0	0	0	0	0	0	0	0	\$25,902
SSgA Mid	0	0	6,728	0	0	0	0	0	0	0	0	0	0	0	0	\$6,728
Wellington	0	0	0	26,893	0	0	0	0	0	0	0	0	0	0	0	\$26,893
SSgA R-2000 Growth	0	0	0	0	26,918	0	0	0	0	0	0	0	0	0	0	\$26,918
Acadian	0	0	0	0	0	0	0	0	53,655	0	0	0	0	0	0	\$53,655
Mondrian	0	0	0	0	0	0	0	0	56,441	0	0	0	0	0	0	\$56,441
SSgA ACWI ex US	0	0	0	0	0	0	0	0	24,767	0	0	0	0	0	0	\$24,767
Aberdeen	0	0	0	0	0	0	0	0	77,609	0	0	0	0	0	0	\$77,609
Allianz	0	0	0	0	0	37,046	0	0	0	0	0	0	0	0	0	\$37,046
Wellington DAS	0	0	0	0	0	40,959	0	0	0	0	0	0	0	0	0	\$40,959
PIMCO Core Plus	0	0	0	0	0	97,077	0	0	0	0	0	0	0	0	0	\$97,077
PIMCO Unconst.	0	0	0	0	0	98,003	0	0	0	0	0	0	0	0	0	\$98,003
Post Advisory	0	0	0	0	0	0	61,714	0	0	0	0	0	0	0	0	\$61,714
KDP	0	0	0	0	0	0	10,976	0	0	0	0	0	0	0	0	\$10,976
Welligton EMD	0	0	0	0	0	0	0	0	0	42,996	0	0	0	0	0	\$42,996
Barclays	0	0	0	0	0	0	0	44,630	0	0	0	0	0	0	0	\$44,630
Mondrian	0	0	0	0	0	0	0	0	0	0	57,720	0	0	0	0	\$57,720
Brandywine	0	0	0	0	0	0	0	0	0	0	58,102	0	0	0	0	\$58,102
Morgan Stanely	0	0	0	0	0	0	0	0	0	0	0	29,689	0	0	0	\$29,689
UBS Realty	0	0	0	0	0	0	0	0	0	0	0	27,905	0	0	0	\$27,905
RREEF	0	0	0	0	0	0	0	0	0	0	0	11,549	0	0	0	\$11,549
Transwestern	0	0	0	0	0	0	0	0	0	0	0	410	0	0	0	\$410
Mellon GA 1	0	0	0	0	0	0	0	0	0	0	0	0	36,911	0	0	\$36,911
PIMCO AA	0	0	0	0	0	0	0	0	0	0	0	0	68,634	0	0	\$68,634
Wellington OIF	0	0	0	0	0	0	0	0	0	0	0	0	35,885	0	0	\$35,885
AQR	0	0	0	0	0	0	0	0	0	0	0	0	115,205	0	0	\$115,205
Grosvenor	0	0	0	0	0	0	0	0	0	0	0	0	0	27,859	0	\$27,859
GAM	0	0	0	0	0	0	0	0	0	0	0	0	0	14,202	0	\$14,202
Permal	0	0	0	0	0	0	0	0	0	0	0	0	0	27,876	0	\$27,876
Schroders	0	0	0	0	0	0	0	0	0	0	0	0	0	30,648	0	\$30,648
Vermont Cash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222	\$222
(Dollars in 000's)																



## **Total Fund Asset Growth Summary**

#### **VERMONT STATE TEACHERS**

TEACHERS' RETIREMENT SYSTEM CO Periods Ending September 30, 2011

Total Fund Asset Growth Summary (\$000)			
	One Quarter	Year to Date	One Year
TRS COMPOSITE			
Beginning Market Value	1,512,345	1,477,108	1,438,175
Net External Growth	25,427	-16,405	-42,903
Return on Investment	-113,184	-36,116	29,316
Income Received	6	17	29
Gain/Loss	-113,190	-36,132	29,287
Ending Market Value	1,424,588	1,424,588	1,424,588

Return

-7.5% -2.6% 1.9%



### **Fund Performance vs. Benchmark**

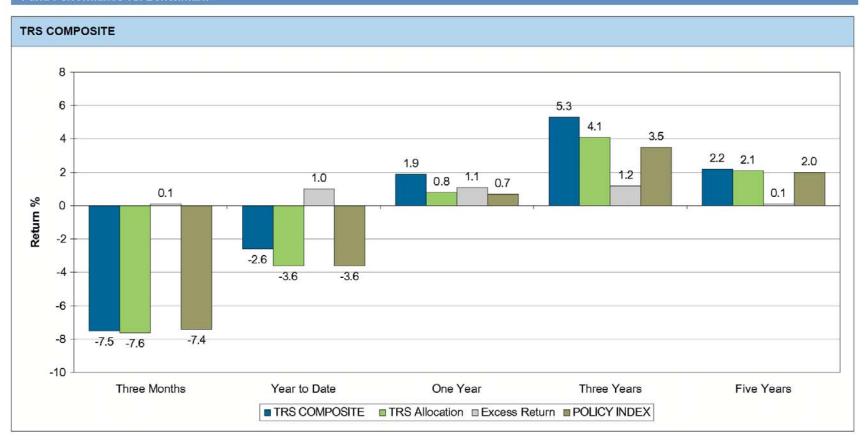
#### **VERMONT STATE TEACHERS**

**POLICY INDEX** 

Benchmark:

Periods Ending September 30, 2011

Fund Performance vs. Benchmark



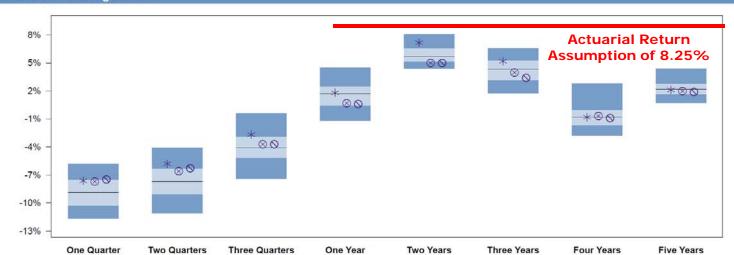


### **Total Public Funds Performance**

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Periods Ending September 30, 2011

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



*	TRS COMPOSITE	-7.5	25	-5.7	20	-2.6	22	1.9	44	7.3	13	5.3	24	-0.7	47	2.2	51	
8	TRS Allocation	-7.6	26	-6.5	28	-3.6	42	0.8	70	5.1	73	4.1	56	-0.6	45	2.1	52	
0	POLICY INDEX	-7.4	24	-6.2	24	-3.6	42	0.7	71	5.1	73	3.5	70	-0.8	51	2.0	54	
	5th Percentile	-5.8		-4.1		-0.4		4.5		8.1		6.6		2.8		4.4		
	25th Percentile	-7.5		-6.3		-2.9		2.5		6.6		5.3		0.0		2.8		
	50th Percentile	-8.9		<b>-</b> 7.7		-4.1		1.7		5.7		4.3		-0.8		2.2		
	75th Percentile	-10.3		-9.1		-5.2		0.4		5.1		3.1		-1.7		1.6		
	95th Percentile	-11.7		-11.1		-7.4		-1.2		4.4		1.8		-2.8		0.7		

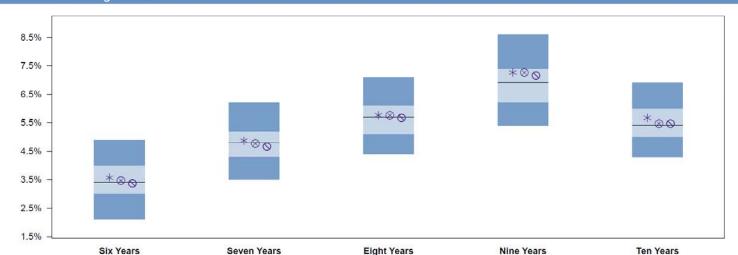


### **Total Public Funds Performance**

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Periods Ending September 30, 2011

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



	_					- 3					
*	TRS COMPOSITE	3.6	39	4.9	46	5.8	42	7.3	32	5.7	37
8	TRS Allocation	3.5	48	4.8	55	5.8	45	7.3	36	5.5	47
0	POLICY INDEX	3.4	53	4.7	55	5.7	49	7.2	40	5.5	47
	5th Percentile	4.9		6.2		7.1		8.6		6.9	
	25th Percentile	4.0		5.2		6.1		7.4		6.0	
	50th Percentile	3.4		4.8		5.7		6.9		5.4	
	75th Percentile	3.0		4.3		5.1		6.2		5.0	
	95th Percentile	2.1		3.5		4.4		5.4		4.3	

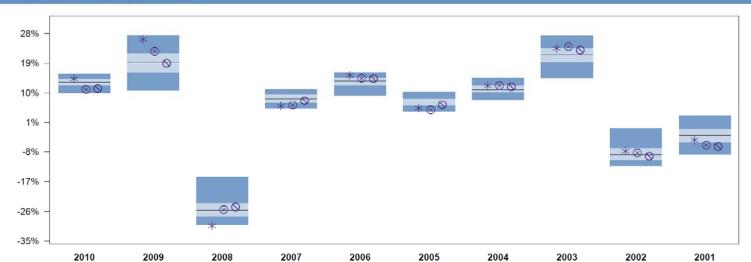


### **Total Public Funds Performance**

#### **VERMONT STATE TEACHERS**

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

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



_																					
*	TRS COMPOSITE	14.7	21	26.5	7	-30.1	95	6.3	86	15.7	8	5.6	82	12.4	22	23.8	25	-7.5	37	-4.1	62
$\otimes$	TRS Allocation	11.4	85	22.9	22	-25.2	48	6.5	83	14.8	24	5.1	88	12.6	18	24.4	19	-8.0	44	-5.7	82
0	POLICY INDEX	11.7	82	19.3	51	-24.4	39	7.9	56	14.6	28	6.6	68	12.2	28	23.3	30	-9.0	53	-6.0	84
	5th Percentile	15.9		27.5		-15.6		11.2		16.2		10.3		14.5		27.3		-0.8		3.1	
	25th Percentile	14.3		22.0		-23.4		9.6		14.7		8.3		12.4		23.7		-6.8		-0.9	
	50th Percentile	13.2		19.4		-25.6		8.2		13.6		7.3		11.1		21.7		-8.8		-3.0	
	75th Percentile	12.2		16.1		-27.6		6.9		12.2		6.0		10.1		19.4		-10.5		-5.2	
	95th Percentile	10.0		10.8		-30.1		5.3		9.2		4.3		8.0		14.5		-12.2		-8.7	

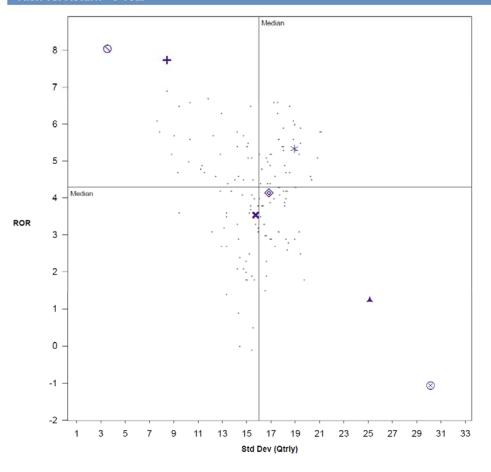


## Risk vs. Return Analysis – 3 Years

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Period Ending September 30, 2011

#### Risk vs. Return - 3 Year



	NAME	Re	turn		ndard riation	Sharpe Ratio		
*	TRS COMPOSITE	5.3	24	19.0	91	0.3	46	
0	TRS Allocation	4.1	56	16.9	61	0.2	62	
×	POLICY INDEX	3.5	70	15.8	48	0.2	72	
•	S&P 500	1.2	98	25.2	100	0.0	96	
0	BC AGGREGATE	8.0	1	3.6	1	2.2	1	
8	MSCI EAFE (NET)	-1.1	100	30.2	100	-0.0	99	
+	Citigroup WGBI (All Maturities)	7.7	1	8.5	3	0.9	1	
	Median	4.3		16.0		0.3		

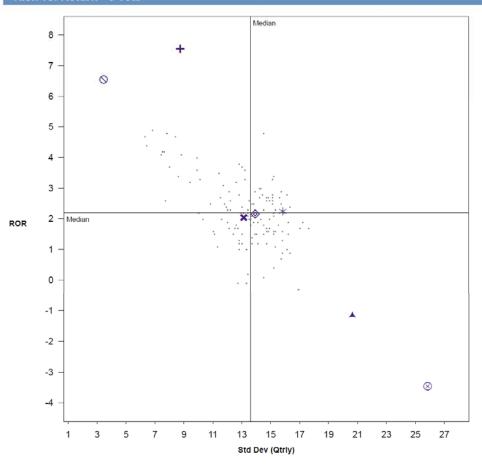


## Risk vs. Return Analysis – 5 Years

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Period Ending September 30, 2011

#### Risk vs. Return - 5 Year



	NAME	Re	turn		ndard riation	Sharpe Ratio		
*	TRS COMPOSITE	2.2	51	15.9	91	0.0	56	
0	TRS Allocation	2.1	52	14.0	57	0.0	55	
×	POLICY INDEX	2.0	54	13.2	41	0.0	57	
•	S&P 500	-1.2	100	20.7	100	-0.1	99	
0	BC AGGREGATE	6.5	1	3.5	1	1.4	1	
$\otimes$	MSCI EAFE (NET)	-3.5	100	25.9	100	-0.2	100	
+	Citigroup WGBI (All Maturities)	7.5	1	8.8	9	0.7	1	
	Median	2.2		13.6		0.0		

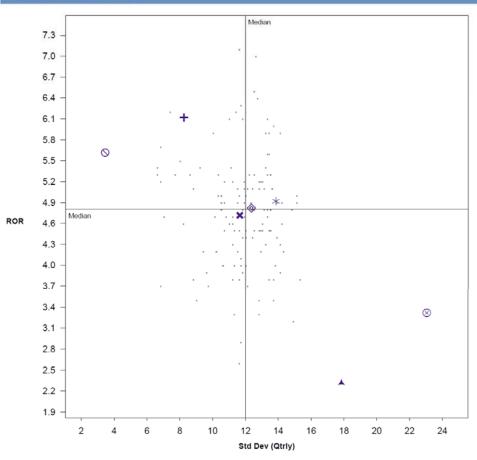


## Risk vs. Return Analysis – 7 Years

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Period Ending September 30, 2011

#### Risk vs. Return - 7 Year



	NAME	Re	eturn	1,000	ndard riation	Sharpe Ratio		
*	TRS COMPOSITE	4.9	46	13.9	90	0.2	63	
•	TRS Allocation	4.8	55	12.4	56	0.2	58	
×	POLICY INDEX	4.7	55	11.7	40	0.2	52	
	S&P 500	2.3	100	17.9	100	0.0	99	
0	BC AGGREGATE	5.6	15	3.5	1	1.0	1	
8	MSCI EAFE (NET)	3.3	97	23.1	100	0.0	99	
+	Citigroup WGBI (All Maturities)	6.1	6	8.3	8	0.5	6	
	Median	4.8		12.0		0.2		

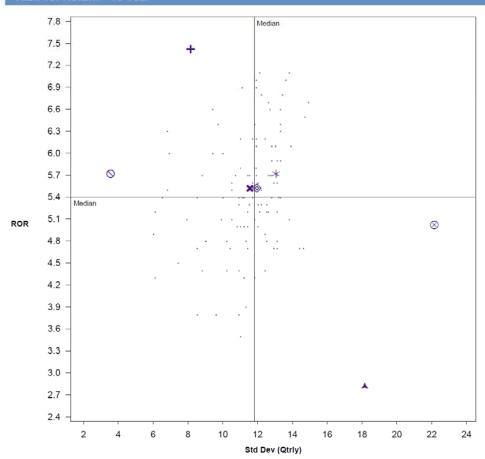


## Risk vs. Return Analysis – 10 Years

#### **VERMONT STATE TEACHERS**

Total Fund - Universe: Public Funds (DB) Period Ending September 30, 2011

#### Risk vs. Return - 10 Year



	NAME	Re	turn		ndard riation	Sharpe Ratio		
*	TRS COMPOSITE	5.7	37	13.1	81	0.3	65	
0	TRS Allocation	5.5	47	12.0	57	0.3	59	
×	POLICY INDEX	5.5	47	11.6	46	0.3	51	
•	S&P 500	2.8	100	18.2	100	0.0	100	
0	BC AGGREGATE	5.7	41	3.6	1	1.0	1	
8	MSCI EAFE (NET)	5.0	72	22.2	100	0.1	100	
+	Citigroup WGBI (All Maturities)	7.4	1	8.2	8	0.7	1	
	Median	5.4		11.8		0.3		

