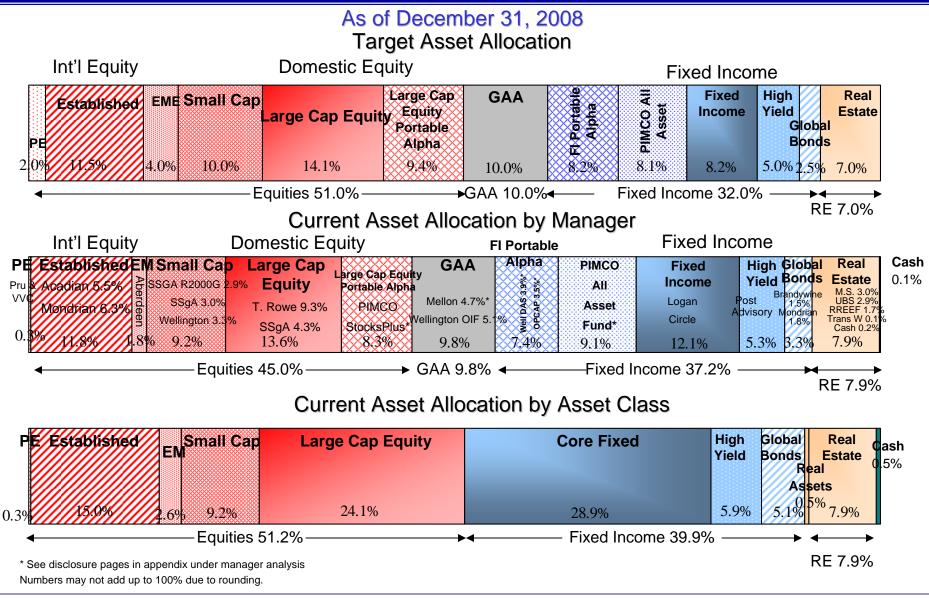
## Vermont Municipal Employees' Retirement System

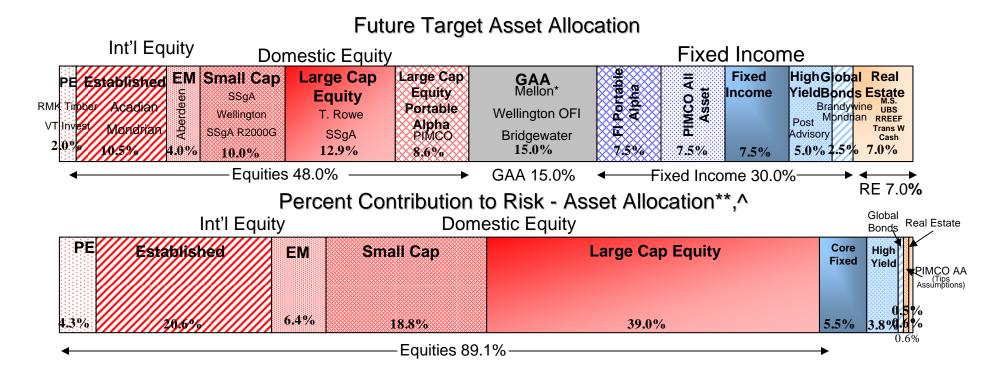


#### **Plan Asset Allocation**





## Plan Future Asset Allocation and Risk Budgeting



Numbers may not add up to 100% due to rounding.

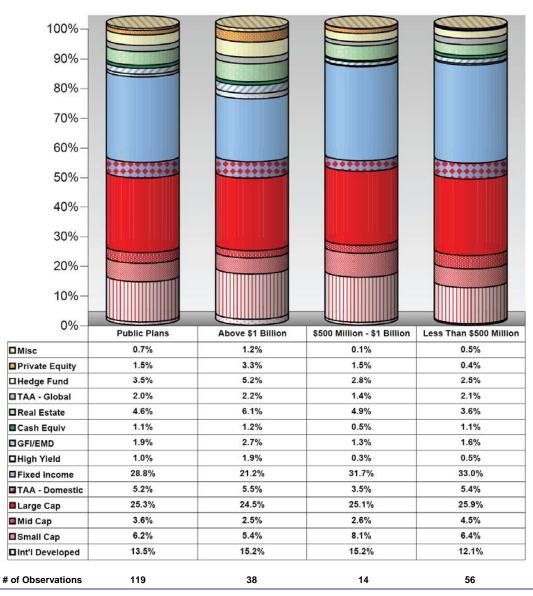
\* See disclosure pages in appendix under manager analysis

\*\*Mellon GA 1 was modeled using the following asset classes: 30% Large Cap / 30% Intl' Equity / 20% Core Fixed Income / 20% Global Bonds.

^PIMCO AA was modeled using our Tips Assumptions.



#### ICC Average Asset Allocation – Public Plans





#### Asset Breakdown

	Dom Large	Dom Small	Dom Smal	Dom Small	Core	High	Int'l	Global	Real	Private			
	Сар	Core	Value	Growth	Fixed	Yield	Equity	Bonds	Estate	Investment	GAA	Cash	Total
Composite	\$51,686	\$7,162	\$7,771	\$6,921	\$67,659	\$12,444	\$32,101	\$7,838	\$18,667	\$767	\$23,148	\$139	\$236,303
T. Rowe	21,977	0	0	0	0	0	0	0	0	0	0	0	\$21,977
РІМСО	19,514	0	0	0	0	0	0	0	0	0	0	0	\$19,514
SSgA Equal Wgt	10,195	0	0	0	0	0	0	0	0	0	0	0	\$10,195
SSgA R-2000 Growth	0	0	0	6,921	0	0	0	0	0	0	0	0	\$6,921
SSgA R-2500	0	7,162	0	0	0	0	0	0	0	0	0	0	\$7,162
Wellington	0	0	7,771	0	0	0	0	0	0	0	0	0	\$7,771
Acadian	0	0	0	0	0	0	12,910	0	0	0	0	0	\$12,910
Mondrian	0	0	0	0	0	0	14,965	0	0	0	0	0	\$14,965
Aberdeen	0	0	0	0	0	0	4,226	0	0	0	0	0	\$4,226
Logan Circle	0	0	0	0	28,534	0	0	0	0	0	0	0	\$28,534
Oppenheimer	0	0	0	0	8,381	0	0	0	0	0	0	0	\$8,381
ΡΙΜΟΟ ΑΑ	0	0	0	0	21,530	0	0	0	0	0	0	0	\$21,530
Wellington DAS	0	0	0	0	9,210	0	0	0	0	0	0	0	\$9,210
Post Advisory	0	0	0	0	0	12,444	0	0	0	0	0	0	\$12,444
Brandywine	0	0	0	0	0	0	0	3,563	0	0	0	0	\$3,563
Mondrian	0	0	0	0	0	0	0	4,275	0	0	0	0	\$4,275
Morgan Stanely	0	0	0	0	0	0	0	0	7,182	0	0	0	\$7,182
UBS Realty	0	0	0	0	0	0	0	0	6,759	0	0	0	\$6,759
RREEF	0	0	0	0	0	0	0	0	4,095	0	0	0	\$4,095
Transwestern	0	0	0	0	0	0	0	0	268	0	0	0	\$268
Real Estate Cash	0	0	0	0	0	0	0	0	363	0	0	0	\$363
Mellon GA 1	0	0	0	0	0	0	0	0	0	0	11,180	0	\$11,180
Wellington OIF	0	0	0	0	0	0	0	0	0	0	11,968	0	\$11,968
Vermont Cash	0	0	0	0	4	0	0	0	0	0	0	139	\$143
Alt. Assets	0	0	0	0	0	0	0	0	0	767	0	0	\$767

(Dollars in 000's)



# **Total Fund Asset Growth Summary**

Periods Ending December 31, 2008

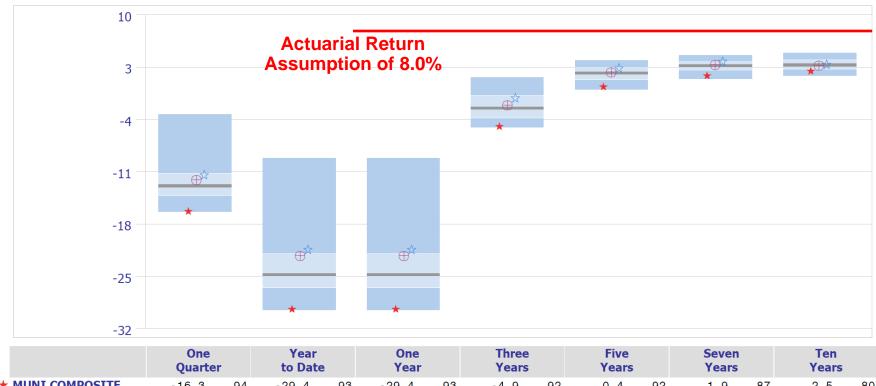
#### **MUNICIPAL SYSTEM COMPOSITE**

	Last Quarter	Year to Date	Last Twelve Months	Since Inception 03/2001
Beginning Market Value Net External Growth	282,392 15	333,240 1,658	333,240 1,658	163,148 43,442
<b>Return on Investment</b>	-46,105	-98,595	-98,595	29,713
Income Received	5	70	70	25,153
Gain/Loss	-46,110	-98,665	-98,665	4,559
Ending Market Value	236,303	236,303	236,303	236,303

Return	-16.3%	-29.4%	-29.4%



## Total Public Funds – Total Rates of Return\*



★ MUNI COMPOSITE ⊕ ALLOC INDEX	-16.3 -12.1	94 38	-29.4 -22.3	93 26	-29.4 -22.3	93 26	-4.9 -2.1	92 38	0.4	92 43	1.9 3.3	87 43	2.5 3.2	80 59
☆ POLICY INDEX	-11.4	30	-21.4	22	-21.4	22	-1.1	27	2.9	24	3.8	20	3.4	46
Median	-12.9		-24.8		-24.8		-2.5		2.2		3.2		3.3	

•Policy Index: Measures the effectiveness of Plan Structure. (Target asset class weights X Return of the respective passive benchmark)

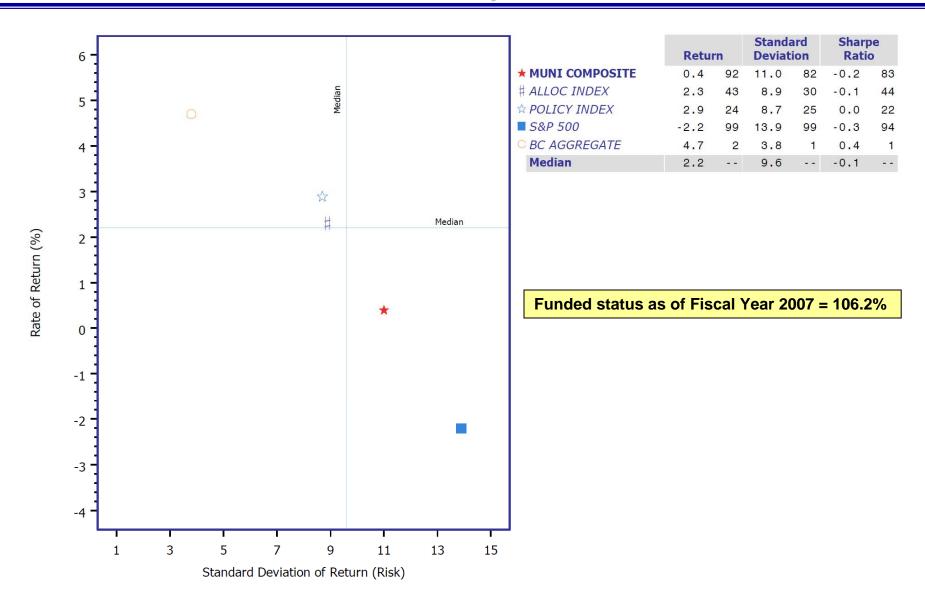
•Allocation Index: Measures the effectiveness of deviating from the target policy weights. (Policy Index - Allocation Index) Allocation Index = weighted average return of the actual asset class weights and the return of the respective passive benchmark.

•Composite: Actual composite return = actual asset class weights times the actual manager return. Measures the effectiveness of the managers. (Actual composite return - Allocation Index)



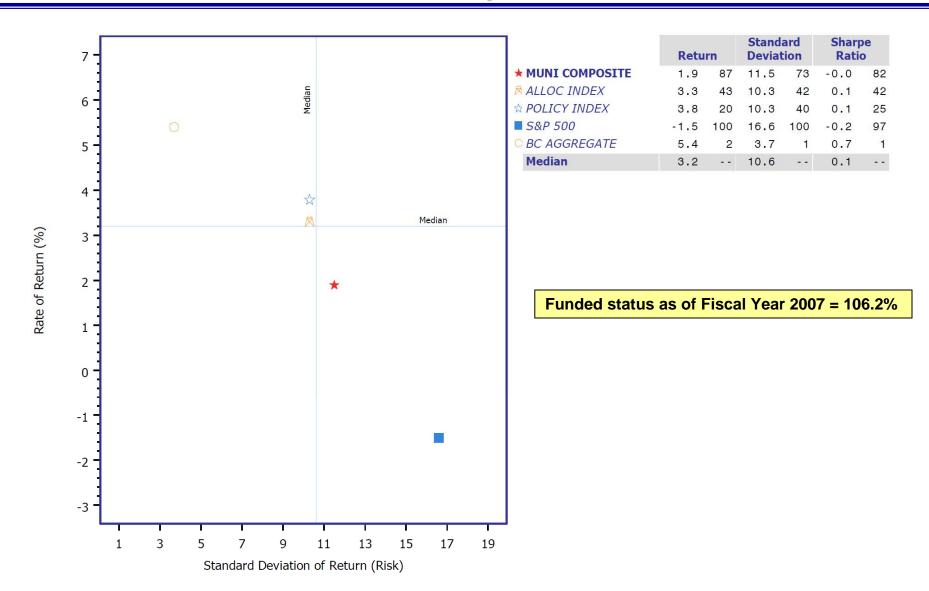
Vermont Municipal Employees' Retirement System \*Ranks might not match flash report due to more current/robust universe used

# Total Fund Risk / Return Analysis – 5 Years\*



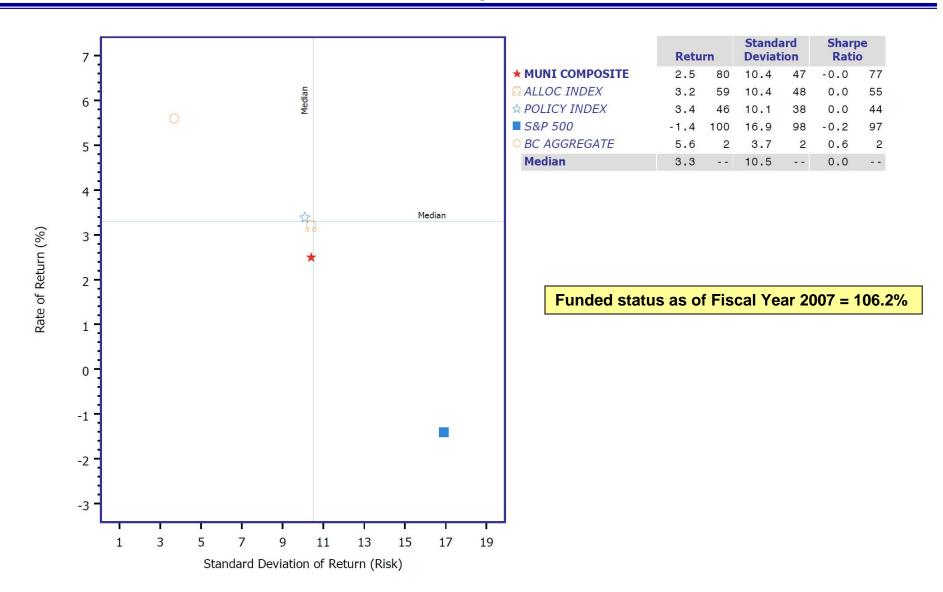


# Total Fund Risk / Return Analysis – 7 Years\*



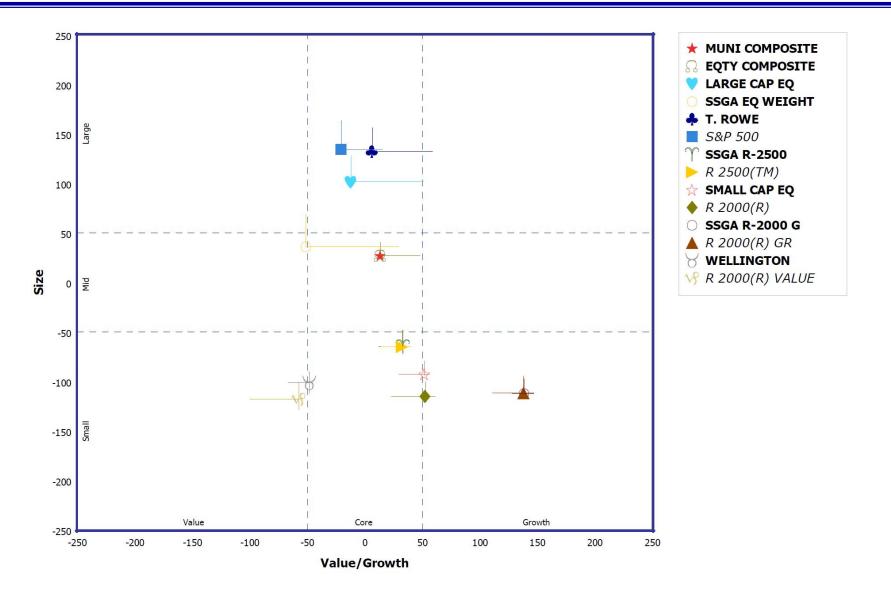


## Total Fund Risk / Return Analysis – 10 Years\*



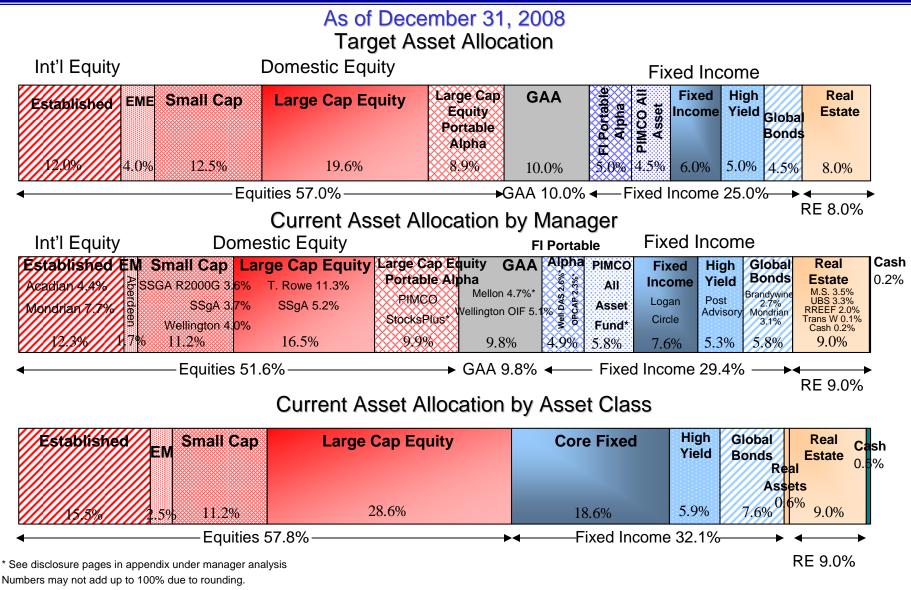


# **Equity Style Comparison**



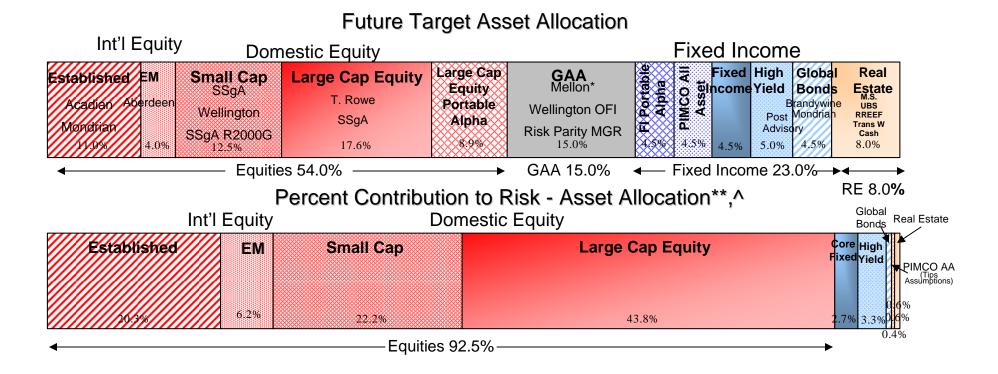


#### **Plan Asset Allocation**





## Plan Future Asset Allocation and Risk Budgeting



Numbers may not add up to 100% due to rounding.

\* See disclosure pages in appendix under manager analysis

\*\*Mellon GA 1 was modeled using the following asset classes: 30% Large Cap / 30% Intl' Equity / 20% Core Fixed Income / 20% Global Bonds.

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