

**Massachusetts
Summary for year 2016**

Variable	All State and Local Systems	All State Systems	Local Systems
Market Liability (thousands)	\$253,458,945	\$184,286,106	\$69,172,839
Value of Assets (thousands)	\$75,686,001	\$55,030,129	\$20,655,872
Market Pension Debt (thousands)	\$177,772,944	\$129,255,977	\$48,516,967
Market Funded Ratio	29.9%	29.9%	29.9%
Market Discount Rate	2.75%	2.75%	2.75%

Variable	All State and Local Systems	All State Systems	Local Systems
Actuarial Liability (thousands)	\$134,196,239	\$97,572,025	\$36,624,215
Actuarial Pension Debt (thousands)	\$58,510,239	\$42,541,896	\$15,968,343
Actuarial Funded Ratio	56.4%	56.4%	56.4%
Assumed Rate of Return	7.52%	7.52%	7.52%

Variable	All State and Local Systems	All State Systems	Local Systems
Market Pension Debt/Household	\$68,948	\$50,131	\$18,817
Market Pension Debt/Capita	\$26,065	\$18,951	\$7,113
Market Pension Debt/State General Fund Expenditures	5.82	4.23	1.59
Market Pension Debt/State Total Expenditures	2.94	2.14	0.80
Market Pension Debt/State Total General Fund Revenues	4.40	3.20	1.20

Variable	All State and Local Systems	All State Systems	Local Systems
Actuarial Pension Debt/Household	\$22,693	\$16,500	\$6,193

Actuarial Pension Debt/Capita	\$8,579	\$6,237	\$2,341
Actuarial Pension Debt/State General Fund Expenditures	1.91	1.39	0.52
Actuarial Pension Debt/State Total Expenditures	0.97	0.70	0.26
Actuarial Pension Debt/State Total General Fund Revenues	1.45	1.05	0.40