
Member and Employer Contribution Rates, 2008-2016

- **Minnesota State Retirement System (MSRS) General Plan**
- **Public Employees Retirement Association (PERA) General Plan**
- **Teachers Retirement Association (TRA)**
- **St. Paul Teachers Retirement Fund Association (SPTRFA)**

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Member and Employer Contribution Rates, 2008-2016

	MSRS-General				PERA-General				TRA				SPTRFA			
	Member Contribution Rate	Employer Contribution Rate	Contribution Sufficiency/(Deficiency)		Member Contribution Rate	Employer Contribution Rate	Contribution Sufficiency/(Deficiency)		Member Contribution Rate	Employer Contribution Rate	Contribution Sufficiency/(Deficiency)		Member Contribution Rate	Employer Contribution Rate	Contribution Sufficiency/(Deficiency)	
			AVA	MVA			AVA	MVA			AVA	MVA			AVA	MVA
July 1,	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
2008	4.50	4.50	(3.39)	(4.33)	6.00	6.63	(1.59)	(1.97)	5.50	5.69	(3.33)	(3.51)	5.61	8.48	(1.9)	(3.17)
2009	4.75	4.75	(5.35)	(15.08)	6.00	6.88	(2.67)	(6.73)	5.50	5.69	(5.12)	(11.07)	5.58	8.45	(2.76)	(9.36)
2010	5.00	5.00	(0.99)	(3.90)	6.13	7.13	0.79	(1.76)	5.50	5.68	(4.0)	(7.59)	5.56	8.42	(4.24)	(8.27)
2011	5.00	5.00	(1.03)	(0.86)	6.25	7.25	0.03	0.27	6.00	6.16	(3.88)	(3.61)	5.78	8.63	(2.27)	(2.84)
2012	5.00	5.00	(2.32)	(2.48)	6.25	7.25	(0.96)	(1.08)	6.50	6.69	(5.04)	(5.23)	6.02	8.87	(6.4)	(7.16)
2013	5.00	5.00	(2.45)	(0.80)	6.25	7.25	(1.65)	(0.15)	7.00	7.19	(4.74)	(2.73)	6.27	9.11	(2.8)	(1.67)
2014	5.50	5.50	(1.82)	1.02	6.38	7.38	(2.05)	0.52	7.50	7.70	(3.47)	(0.07)	6.51	9.35	(2.19)	0
2015	5.50	5.50	(1.44)	(0.45)	6.5	7.5	(1.23)	(0.35)	7.50	7.70	(1.90)	(0.75)	7.0	9.85	(1.6)	(1.28)
2016	5.50	5.50	(3.49)	(4.51)	6.5	7.5	(1.87)	(2.97)	7.50	7.70	(2.78)	(3.93)	7.5	10.09	(0.92)	(2.01)

Contribution Rates are expressed as a percentage of covered payroll of the applicable retirement plan and include all supplemental employer contributions, but do not include direct state aids. Member contributions are a blend of the basic and coordinated member rates, if applicable.

Contribution Sufficiency/(Deficiency) is based on the actuarial results using both actuarial value of assets (“AVA”) and market value of assets (“MVA”) and is expressed as a percentage of covered payroll of the applicable retirement plan.

- **Contribution Sufficiency:** Statutory contributions are *more* than the required contributions needed to cover the normal cost, expenses, and unfunded liability of the applicable plan.
- **Contribution Deficiency:** Statutory contributions are *less* than the required contributions needed to cover the normal cost, expenses, and unfunded liability of the applicable plan.

Assumed investment return rate is the same rate for all plans except in 2016: MSRS, PERA, and SPTRFA are at 8%; TRA is at 8.5%. If TRA used an 8% rate, the contribution deficiency would be larger.