

**TEXAS MUNICIPAL RETIREMENT SYSTEM
ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2019**

	Roma	Roscoe	Rosebud	Rosenberg	Rotan	Round Rock	Rowlett
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,771,503	\$283,538	\$166,107	\$36,774,044	\$398,907	\$191,643,490	\$65,638,938
b. Noncontributing Members	1,280,754	54,243	41,970	11,645,392	104,521	22,478,771	20,861,902
c. Annuitants	4,597,206	273,685	97,671	35,231,739	4,449	97,084,032	56,273,184
2. Total Actuarial Accrued Liability	\$14,649,463	\$611,466	\$305,748	\$83,651,175	\$507,877	\$311,206,293	\$142,774,024
3. Actuarial value of assets	13,183,697	618,450	313,342	67,260,898	671,743	264,071,563	127,646,343
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,465,766	(\$6,984)	(\$7,594)	\$16,390,277	(\$163,866)	\$47,134,730	\$15,127,681
5. Funded Ratio: (3) / (2)	90.0%	101.1%	102.5%	80.4%	132.3%	84.9%	89.4%
6. Annual Payroll	\$4,136,677	\$354,619	\$426,059	\$17,525,639	\$281,792	\$69,141,943	\$28,499,621
CITY CONTRIBUTION RATES FOR 2021							
Retirement							
Normal Cost	6.83%	1.96%	1.90%	9.75%	1.36%	10.99%	9.41%
Prior Service	3.41%	-0.08%	-0.07%	6.59%	-1.36%	4.85%	3.62%
Total Retirement	10.24%	1.88%	1.83%	16.29%	0.00%	15.84%	13.03%
Supplemental Death	0.35%	0.30%	0.46%	0.12%	0.48%	0.14%	0.00%
Total Rate	10.59%	2.18%	2.29%	16.41%	0.48%	15.98%	13.03%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
Equivalent Single Amortization Period as of 1/2021							
Number of annuitants	13.5 years	N/A	N/A	21.2 years	N/A	20.6 years	21.9 years
Number of active contributing members	53	4	8	168	1	357	250
Number of inactive members	123	7	12	278	6	980	408
Average age of contributing members	45.7 years	56.6 years	46.3 years	38.1 years	50.3 years	42.1 years	41.5 years
Average length of service of contributing members	10.5 years	8.9 years	6.8 years	8.8 years	12.3 years	10.9 years	10.3 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,683,182	\$9,006	\$205,108	\$607,010	\$2,876,038	\$631,313	\$17,678,822
b. Noncontributing Members	1,717,478	78,378	159,772	71,565	510,188	67,956	6,745,012
c. Annuitants	2,085,388	139,390	341,939	82,796	1,159,267	348,137	12,074,725
2. Total Actuarial Accrued Liability	\$11,486,048	\$226,774	\$706,819	\$761,371	\$4,545,493	\$1,047,406	\$36,498,559
3. Actuarial value of assets	9,123,862	274,819	852,830	622,257	4,707,615	1,158,287	31,016,457
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,362,186	(\$48,045)	(\$146,011)	\$139,114	(\$162,122)	(\$110,881)	\$5,482,102
5. Funded Ratio: (3) / (2)	79.4%	121.2%	120.7%	81.7%	103.6%	110.6%	85.0%
6. Annual Payroll	\$4,605,661	\$89,855	\$730,288	\$100,657	\$1,831,457	\$439,197	\$10,185,908
CITY CONTRIBUTION RATES FOR 2021							
Retirement							
Normal Cost	12.07%	3.67%	3.11%	4.29%	6.48%	3.24%	11.15%
Prior Service	3.40%	-2.08%	-0.78%	16.77%	-0.34%	-0.98%	3.50%
Total Retirement	15.47%	1.59%	2.33%	21.06%	6.14%	2.26%	14.65%
Supplemental Death	0.15%	0.21%	0.25%	0.85%	0.21%	0.48%	0.14%
Total Rate	15.62%	1.80%	2.58%	21.91%	6.35%	2.74%	14.79%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	9.50%	N/A	10.50%	9.50%	N/A
ADDITIONAL INFORMATION							
Equivalent Single Amortization Period as of 1/2021							
Number of annuitants	23.0 years	N/A	N/A	10.1 years	N/A	N/A	23.7 years
Number of active contributing members	22	1	10	2	17	6	85
Number of inactive members	76	3	17	3	39	14	155
Average age of contributing members	43.3 years	37.1 years	40.2 years	65.1 years	46.9 years	51.1 years	41.4 years
Average length of service of contributing members	7.7 years	1.0 years	3.2 years	19.5 years	12.6 years	9.5 years	9.5 years