

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2020**

	Royse City	Rule	Runaway Bay	Runge	Rusk	Sabinal	Sachse
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,877,403	\$13,057	\$249,281	\$658,184	\$3,153,941	\$386,977	\$19,425,349
b. Noncontributing Members	1,792,547	87,154	179,005	77,451	568,168	99,843	7,487,955
c. Annuitants	2,496,739	136,015	308,396	80,024	1,189,425	567,165	12,962,996
2. Total Actuarial Accrued Liability	\$13,166,689	\$236,226	\$736,682	\$815,659	\$4,911,534	\$1,053,985	\$39,876,300
3. Actuarial value of assets	10,602,998	293,756	924,543	702,327	5,140,934	1,189,930	34,425,020
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,563,691	(\$57,530)	(\$187,861)	\$113,332	(\$229,400)	(\$135,945)	\$5,451,280
5. Funded Ratio: (3) / (2)	80.5%	124.4%	125.5%	86.1%	104.7%	112.9%	86.3%
6. Annual Payroll	\$5,141,998	\$87,134	\$708,302	\$199,870	\$1,825,941	\$467,349	\$10,755,053
<b>CITY CONTRIBUTION RATES FOR 2022</b>							
Retirement							
Normal Cost	12.38%	2.77%	3.29%	4.59%	6.88%	3.24%	11.04%
Prior Service	3.41%	-2.57%	-1.03%	7.50%	-0.49%	-1.13%	3.39%
Total Retirement	15.79%	0.20%	2.26%	12.09%	6.39%	2.11%	14.43%
Supplemental Death	0.14%	0.18%	0.27%	0.55%	0.23%	0.49%	0.14%
Total Rate	15.93%	0.38%	2.53%	12.64%	6.62%	2.60%	14.57%
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
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2022	21.8 years	N/A	N/A	9.1 years	N/A	N/A	22.7 years
Number of annuitants	27	1	10	2	18	7	89
Number of active contributing members	80	3	14	6	35	13	153
Number of inactive members	54	5	33	4	24	28	145
Average age of contributing members	42.6 years	31.3 years	45.4 years	52.1 years	48.8 years	45.8 years	41.2 years
Average length of service of contributing members	8.8 years	1.4 years	4.2 years	10.8 years	13.7 years	6.3 years	9.8 years

	Saginaw	Saint Jo	Salado	San Angelo	San Antonio	San Antonio Water System	San Augustine
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$27,035,459	\$59,209	\$193,947	\$100,068,067	\$857,306,868	\$111,960,997	\$3,088,482
b. Noncontributing Members	3,844,044	87,678	409,871	15,837,449	157,304,506	18,816,511	826,171
c. Annuitants	19,134,527	386,753	161,354	142,934,406	874,265,111	111,315,474	2,070,851
2. Total Actuarial Accrued Liability	\$50,014,030	\$533,640	\$765,172	\$258,839,922	\$1,888,876,485	\$242,092,982	\$5,985,504
3. Actuarial value of assets	37,788,584	644,631	886,462	218,084,357	1,665,459,322	218,304,404	5,721,262
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$12,225,446	(\$110,991)	(\$121,290)	\$40,755,565	\$223,417,163	\$23,788,578	\$264,242
5. Funded Ratio: (3) / (2)	75.6%	120.8%	115.9%	84.3%	88.2%	90.2%	95.6%
6. Annual Payroll	\$9,572,129	\$282,743	\$548,012	\$38,276,628	\$413,576,500	\$122,456,730	\$1,220,406
<b>CITY CONTRIBUTION RATES FOR 2022</b>							
Retirement							
Normal Cost	11.63%	6.57%	6.90%	8.20%	7.03%	2.10%	7.51%
Prior Service	9.49%	-1.53%	-0.86%	8.81%	5.14%	1.54%	1.56%
Total Retirement	21.12%	5.04%	6.04%	17.01%	12.17%	3.64%	9.07%
Supplemental Death	0.18%	0.80%	0.30%	0.00%	0.00%	0.00%	0.43%
Total Rate	21.30%	5.84%	6.34%	17.01%	12.17%	3.64%	9.50%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	5.30%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	10.50%	N/A	N/A	N/A	5.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2022	19.3 years	N/A	N/A	16.7 years	13.7 years	17.5 years	21.6 years
Number of annuitants	70	6	6	648	5,183	1,326	22
Number of active contributing members	147	7	8	729	6,860	1,767	28
Number of inactive members	89	17	21	337	3,337	754	19
Average age of contributing members	41.8 years	41.8 years	51.1 years	43.2 years	45.4 years	44.6 years	47.6 years
Average length of service of contributing members	12.0 years	3.5 years	13.0 years	9.8 years	11.1 years	13.1 years	8.4 years